Gene	C7_wk5_wk1	C7_wk5_wk1	C7_wk5_wk1	C7_wk5_wk1	C7_wk5_wk1	C7_wk5_wk1
A1BG	0.27443917	1	1	1.26303441	1	1
A1CF	0.27443917	1	1	1.26303441	1	1
A2ML1	0.27443917	1	1	1.26303441	1	1
A3GALT2	-1.6252993	0.41260835	1	-0.9253498	0.8409801	1
A4GALT	0.24077841	0.81908362	1	0.24837029	0.78601897	1
A4GNT	0.27443917	1	1	-5.3327267	0.52259551	1
AAAS	0.10248901	0.52964575	1	-0.5345805	0.90379102	1
AACS	-0.1010193	0.79932896	1	0.57255764	0.17460296	1
AADAC	0.27443917	1	1	-6.5383453	0.52259551	1
AADACL2	0.27443917	1	1	1.26303441	1	1
AADACL3	0.27443917	1	1	1.26303441	1	1
AADACL4	0.27443917	1	1	1.26303441	1	1
AADAT	8.19481896	0.2752184	1	9.1834142	0.12281968	1
AAGAB	-1.4112201	0.13438619	1	-0.8418422	0.26124713	1
AAK1	-0.0153944	0.94269978	1	0.36048117	0.06890689	1
AAMDC	1.21826201	0.0588633	1	0.98497685	0.99903681	1
AAMP	-0.7779556	0.14642158	1	-1.0130219	0.08749354	1
AANAT	0.27443917	1	1	-5.9244137	0.52259551	1
AAR2	-1.9956332	0.0424998	1	-1.8867051	0.04594758	1
AARS	0.10516789	0.54844657	1	-0.2331547	0.98639668	1
AARS2	-2.7182145	0.09599528	1	9.28168627	0.12281968	1
AASDH	0.71346284	0.35646263	1	0.77784463	0.22281633	1
AASDHPPT	-0.5461272	0.43231564	1	-0.5727793	0.09698054	1
AASS	-0.7195796	0.5977892	1	0.27547641	0.60977707	1
AATF	-0.4577165	0.2116309	1	-0.0911056	0.72162918	1
AATK	0.27443917	1	1	-8.0550332	0.26373073	1
ABAT	-0.0289936	0.65805362	1	0.36855481	0.61048666	1
ABCA1	-1.3724469	0.00911106	1	-0.2844852	0.09998286	1
ABCA10	2.29675988	0.30792181	1	1.14585991	0.33490945	1
ABCA12	0.27443917	1	1	-6.8066353	0.52259551	1
ABCA13	0.27443917	1	1	1.26303441	1	1
ABCA15	0.27443917	1	1	1.26303441	1	1
ABCA2	-0.0358246	0.55033157	1	0.39932595	0.96257644	1
ABCA3	-1.9595089	0.06329837	1	-0.4860792	0.28917411	1
ABCA4	0.27443917	1	1	-7.2504227	0.52259551	1
ABCA5	0.04392448	0.94071957	1	0.24103239	0.65130615	1
ABCA6	-0.628763	0.68052236	1	0.757944	0.85548905	1
ABCA7	-0.2394089	0.7964018	1	0.02277021	0.95329497	1
ABCA8	0.27443917	1	1	1.26303441	1	1
ABCA9	0.27443917	1	1	1.26303441	1	1
ABCB1	0.20734201	0.65056974	1	0.5134427	0.13714131	1
ABCB10	-0.4088354	0.47437966	1	-0.1400043	0.51574221	1

ABCB11	0.27443917	1	1	1.26303441	1	1
ABCB4	-1.155019	0.90231962	1	1.70153843	0.52223338	1
ABCB5	7.39246672	0.2752184	1	-1.6790492	0.88397598	1
ABCB6	-6.8979479	0.36779564	1	1.26303441	1	1
ABCB7	0.01570147	0.54917333	1	0.41332453	0.97693115	1
ABCB8	-0.4223564	0.89448096	1	-1.0063695	0.40623846	1
ABCB9	7.36256092	0.2752184	1	-1.6632988	0.63637252	1
ABCC1	0.03753328	0.38034073	1	0.67890372	0.00837891	1
ABCC10	-0.01609	0.5050681	1	0.5122099	0.12948252	1
ABCC11	0.27443917	1	1	1.26303441	1	1
ABCC12	0.27443917	1	1	1.26303441	1	1
ABCC13	0.27443917	1	1	1.26303441	1	1
ABCC2	-1.6071732	0.67317602	1	0.0879104	0.88397598	1
ABCC3	7.29218615	0.2752184	1	-1.7011823	0.49019995	1
ABCC4	-1.3455435	0.04641992	1	-0.9697082	0.1029805	1
ABCC5	-1.060127	0.5675053	1	0.55870972	0.38228478	1
ABCC6	-9.3528783	0.11486391	1	-7.1144581	0.52259551	1
ABCC8	0.27443917	1	1	1.26303441	1	1
ABCC9	-7.9472953	0.36779564	1	1.26303441	1	1
ABCD1	0.2341624	0.68789913	1	1.21565391	0.85548905	1
ABCD2	0.27443917	1	1	1.26303441	1	1
ABCD3	-0.3645117	0.44523893	1	0.23846178	0.52276082	1
ABCD4	-0.314598	0.98920315	1	0.14857592	0.8141337	1
ABCE1	0.46071865	0.35427534	1	0.08638974	0.90464386	1
ABCF1	-0.3240002	0.20307977	1	-0.6734017	0.07839071	1
ABCF2	0.08070734	0.7523418	1	0.44801165	0.59863765	1
ABCF3	-0.8104647	0.38135626	1	-1.7202814	0.25384758	1
ABCG1	-1.5327528	0.03711981	1	-0.866946	0.04717825	1
ABCG2	-0.299597	0.83506526	1	0.09426555	0.87815191	1
ABCG4	0.27443917	1	1	1.26303441	1	1
ABCG5	0.27443917	1	1	-6.4287881	0.52259551	1
ABCG8	0.27443917	1	1	-6.715712	0.52259551	1
ABHD1	0.27443917	1	1	1.26303441	1	1
ABHD10	-0.3038695	0.82075644	1	-0.5588967	0.96635635	1
ABHD11	-2.2247627	0.25076778	1	-2.431002	0.13406883	1
ABHD12	0.06124222	0.40711244	1	0.40115537	0.08567006	1
ABHD12B	2.70905641	0.02961239	1	0.49896616	0.18521399	1
ABHD13	0.34642479	0.10973169	1	-0.2108001	0.81348433	1
ABHD14B	-0.393416	0.38135626	1	-1.500914	0.02051796	1
ABHD15	-9.0607953	0.19965135	1	-8.478203	0.1958879	1
ABHD16A	-0.9095578	0.22767307	1	-0.4693349	0.55097204	1
ABHD16B	0.27443917	1	1	1.26303441	1	1
ABHD17A	0.30323163	0.7321012	1	-0.8943174	0.01743122	1

ABHD17B	0.06428615	0.60262762	1	0.79584781	0.10220518	1
ABHD17C	-0.2405041	0.80980629	1	0.31633643	0.96229192	1
ABHD18	-0.6791867	0.49796093	1	-0.3213438	0.52534461	1
ABHD2	-0.5541773	0.50853594	1	-0.0489008	0.4710243	1
ABHD3	0.16545935	0.44272506	1	-0.0254378	0.88130981	1
ABHD4	0.63758757	0.50663218	1	-0.6246125	0.97958058	1
ABHD5	0.60614441	0.96457905	1	0.65273996	0.80025263	1
ABHD6	-0.8232867	0.05862649	1	-0.0935117	0.3566264	1
ABHD8	2.24901121	0.89260809	1	-0.2940656	0.49978619	1
ABI1	-0.262053	0.60842963	1	0.37422074	0.12279184	1
ABI2	1.02080245	0.08289384	1	0.88127312	0.25192324	1
ABI3	-2.5345945	0.25076778	1	-3.699089	0.036956	1
ABI3BP	0.49316591	0.85135027	1	2.48994664	0.15660079	1
ABITRAM	-9.3591493	0.11486391	1	-9.7080494	0.06553217	1
ABL1	-0.1259074	0.30036791	1	-0.2805424	0.09578366	1
ABL2	0.07370339	0.81366042	1	1.1618904	0.01936561	1
ABLIM1	-0.068096	0.48642803	1	0.37196875	0.78475547	1
ABLIM2	-8.594295	0.19965135	1	-8.2717607	0.3629285	1
ABLIM3	0.27443917	1	1	-6.343917	0.52259551	1
ABO	-8.0703129	0.19965135	1	-6.6408036	0.52259551	1
ABR	0.33542673	0.21133806	1	0.84745432	0.01100664	1
ABRA	8.68852055	0.12052946	1	-0.0563431	0.82595901	1
ABRACL	-0.5193426	0.50962339	1	-2.6135038	1.15E-09	3.18E-05
ABRAXAS1	-1.3785166	0.45564792	1	-1.5207918	0.0774892	1
ABRAXAS2	0.47831291	0.27674038	1	0.64153587	0.45350847	1
ABT1	-0.7324854	0.83579048	1	-1.4447085	0.07616602	1
ABTB1	2.58815909	0.02422441	1	0.32052991	0.46345542	1
ABTB2	9.75858639	0.12052946	1	1.74314535	0.36250784	1
ACAA1	-2.8152805	0.15285381	1	-3.1674408	0.0611303	1
ACAA2	0.07402691	0.54093221	1	-1.1119356	0.08707066	1
ACACA	-0.5374127	0.83535711	1	0.10438198	0.35667824	1
ACACB	1.24470226	0.52867968	1	2.52638711	0.10192526	1
ACAD10	1.24203394	0.22005705	1	1.21293797	0.20824548	1
ACAD11	0.42534686	0.46451635	1	-0.1563519	0.81039583	1
ACAD8	0.41279622	0.81353247	1	-0.3149457	0.51076161	1
ACAD9	-1.2340108	0.64101723	1	-1.1979157	0.59446553	1
ACADL	0.37763218	0.34953632	1	1.31241596	0.11312767	1
ACADM	1.22933345	0.02595787	1	0.26363251	0.52699284	1
ACADS	0.01863287	0.90498006	1	-0.803003	0.34065998	1
ACADSB	-1.120375	0.46683367	1	-0.5921646	0.56838777	1
ACADVL	1.46618732	0.32804166	1	-0.1018104	0.60622828	1
ACAN	8.58439559	0.2752184	1	-1.1930214	0.37701669	1
ACAP1	0.10560926	0.53212155	1	-0.0877933	0.81071216	1

ACAP2	-0.045183	0.92250758	1	0.42047055	0.03701061	1
ACAP3	-0.780514	0.71867282	1	-0.6122685	0.6774143	1
ACAT1	-1.0224754	0.19839597	1	-1.8739158	0.00956424	1
ACAT2	0.10318016	0.69670307	1	-1.0720538	0.0125481	1
ACBD3	-1.1012926	0.05703968	1	-1.222661	0.01020168	1
ACBD4	6.23735948	0.2752184	1	-3.4282	0.63637252	1
ACBD5	0.45906883	0.5575393	1	-0.2877059	0.48043349	1
ACBD6	-0.608164	0.33432724	1	-0.2229148	0.46696572	1
ACBD7	0.27443917	1	1	1.26303441	1	1
ACCS	-8.9600028	0.11486391	1	-9.4609226	0.1474095	1
ACCSL	0.27443917	1	1	1.26303441	1	1
ACD	-0.6806538	0.90231962	1	0.24214536	0.65223573	1
ACE	0.27443917	1	1	1.26303441	1	1
ACE2	-7.0810037	0.36779564	1	-8.5419475	0.3629285	1
ACER1	1.0408036	0.23586417	1	2.25571047	0.25857517	1
ACER2	0.90138121	0.50663218	1	0.30946441	0.43245952	1
ACER3	-0.2029456	0.95271408	1	-0.1166199	0.33817719	1
ACHE	0.27443917	1	1	1.26303441	1	1
ACIN1	-0.1418916	0.93529622	1	0.1914623	0.17812772	1
ACKR1	0.27443917	1	1	1.26303441	1	1
ACKR2	0.27443917	1	1	1.26303441	1	1
ACKR3	-8.2111454	0.19965135	1	-8.2694637	0.3629285	1
ACKR4	-8.970999	0.19965135	1	-6.5039958	0.52259551	1
ACLY	0.74781246	0.06577247	1	0.59962238	0.14456086	1
ACMSD	0.27443917	1	1	-4.2369282	0.52259551	1
ACO1	-1.2889422	0.36789295	1	-0.1589975	0.72898455	1
ACO2	-1.1572162	0.05960615	1	-0.3804396	0.57638378	1
ACOD1	-8.6749204	0.36779564	1	1.26303441	1	1
ACOT11	0.53097263	0.77727287	1	2.66233029	0.10192526	1
ACOT12	0.27443917	1	1	-5.5808148	0.52259551	1
ACOT13	-0.6339264	0.786083	1	-1.7544393	0.06971388	1
ACOT2	-2.3875302	0.25400575	1	-1.917456	0.10515972	1
ACOT4	0.27443917	1	1	-3.7413079	0.52259551	1
ACOT6	0.27443917	1	1	-4.2369282	0.52259551	1
ACOT7	-0.4305704	0.81558552	1	-0.6536137	0.11372688	1
ACOT8	-0.0702969	0.39245832	1	-0.7126302	0.37309868	1
ACOT9	0.02200623	0.37640618	1	0.08909575	0.59746244	1
ACOX1	-0.3959322	0.45194719	1	-0.0859665	0.2754299	1
ACOX2	0.27443917	1	1	-4.9762925	0.3629285	1
ACOX3	0.34692001	0.3466669	1	0.43436016	0.70728128	1
ACOXL	0.31736342	0.37640618	1	1.69728674	0.06236497	1
ACP1	-0.7992557	0.81735692	1	-0.9488034	0.27133892	1
ACP2	-1.2638099	0.68052236	1	-1.7292155	0.49019995	1

ACP4	-0.9731949	0.90231962	1	-1.5930155	0.84581067	1
ACP5	-0.9019017	0.16744708	1	-1.9434779	0.02612645	1
ACP6	-2.0623257	0.63214419	1	-1.404769	0.48738914	1
ACP7	0.27443917	1	1	1.26303441	1	1
ACPP	0.27443917	1	1	-7.0968317	0.26373073	1
ACR	0.27443917	1	1	1.26303441	1	1
ACRBP	0.27443917	1	1	-6.7882866	0.52259551	1
ACRV1	0.27443917	1	1	-4.2111359	0.52259551	1
ACSBG1	-7.8099251	0.36779564	1	1.26303441	1	1
ACSBG2	0.27443917	1	1	1.26303441	1	1
ACSF2	-0.7429122	0.32838273	1	-1.0671346	0.27418002	1
ACSF3	0.19101553	0.49790991	1	0.4495053	0.30157994	1
ACSL1	1.28795897	0.02243135	1	0.40488835	0.56031937	1
ACSL3	0.69404829	0.5616715	1	0.45622719	0.40604415	1
ACSL4	0.07211861	0.68896431	1	0.38911965	0.12277242	1
ACSL5	-2.4196248	0.01088883	1	-2.230024	0.00449398	1
ACSL6	0.27443917	1	1	1.26303441	1	1
ACSM1	-7.0684566	0.36779564	1	1.26303441	1	1
ACSM3	-9.5985694	0.04066178	1	-9.2943425	0.08544191	1
ACSM4	-7.6508016	0.36779564	1	-7.042971	0.26373073	1
ACSM5	0.27443917	1	1	1.26303441	1	1
ACSS1	0.91421741	0.10978336	1	0.81754501	0.22207306	1
ACSS2	8.28827283	0.2752184	1	2.36906509	0.85548905	1
ACSS3	0.27443917	1	1	-6.3888789	0.52259551	1
ACTA1	0.27443917	1	1	1.26303441	1	1
ACTA2	0.27443917	1	1	-9.1714646	0.1474095	1
ACTB	0.22223946	0.45861418	1	-1.133581	0.00287377	1
ACTG1	-0.3771911	0.10963171	1	-2.1884419	1.20E-17	3.32E-13
ACTG2	0.27443917	1	1	-6.2981694	0.52259551	1
ACTL10	0.27443917	1	1	1.26303441	1	1
ACTL6A	-0.4899329	0.73123883	1	-0.6326275	0.1140654	1
ACTL6B	0.27443917	1	1	1.26303441	1	1
ACTL7A	0.27443917	1	1	1.26303441	1	1
ACTL7B	7.67733933	0.2752184	1	8.66593457	0.12281968	1
ACTL8	0.27443917	1	1	1.26303441	1	1
ACTN1	0.13279434	0.42047762	1	0.61151525	0.22276951	1
ACTN2	-7.7213779	0.36779564	1	-6.7448913	0.52259551	1
ACTN3	-8.6754547	0.11486391	1	-8.8818519	0.1958879	1
ACTN4	0.11223072	0.53760266	1	0.08372201	0.87413636	1
ACTR10	0.09024458	0.78021753	1	-0.3900574	0.07154467	1
ACTR1A	-1.6464293	0.15686364	1	-1.4802062	0.05427077	1
ACTR1B	-2.647494	0.05959756	1	-2.6041407	0.00877301	1
ACTR2	-0.1448997	0.71325048	1	-0.2619579	0.1020775	1

ACTR3	-0.0198577	0.91317339	1	-0.2595279	0.06364289	1
ACTR3B	0.44680249	0.50205774	1	1.10680988	0.16879065	1
ACTR5	1.16044534	0.2384698	1	1.16237954	0.12116845	1
ACTR6	0.67227803	0.89972832	1	-0.2831992	0.05208293	1
ACTR8	-8.2395424	0.36779564	1	-8.7296334	0.1474095	1
ACTRT3	-8.542527	0.19965135	1	-8.1623952	0.3629285	1
ACVR1	-0.5177924	0.35508612	1	0.08043172	0.90275582	1
ACVR1B	-0.9220587	0.32015878	1	0.39731754	0.79559712	1
ACVR1C	-0.9545808	0.66989712	1	-0.0954247	0.90002415	1
ACVR2A	-0.1929077	0.82024112	1	0.53643174	0.29253268	1
ACVR2B	2.14446991	0.11815455	1	0.51160126	0.74697875	1
ACVRL1	-5.3209596	0.36779564	1	-8.5358504	0.1474095	1
ACYP1	-1.1166776	0.41759769	1	-3.4869044	0.01055254	1
ACYP2	-0.1256076	0.35889268	1	-0.8234196	0.20215363	1
ADA	-1.8303847	0.18478914	1	-1.7652036	0.07918791	1
ADA2	-0.5334953	0.38135626	1	-1.9909672	0.10016726	1
ADAD1	0.27443917	1	1	-6.9070229	0.52259551	1
ADAD2	0.27443917	1	1	1.26303441	1	1
ADAL	-0.7529655	0.39672399	1	-1.2627221	0.18779166	1
ADAM1	2.09964369	0.27886875	1	1.22044087	0.10795092	1
ADAM10	-0.2472608	0.23503378	1	0.22504122	0.70795695	1
ADAM11	-7.979308	0.36779564	1	1.26303441	1	1
ADAM12	-1.8201071	0.08516135	1	-0.5900278	0.23101263	1
ADAM15	-0.0059155	0.73123883	1	0.71422413	0.74697875	1
ADAM17	0.00585877	0.89967786	1	0.30476445	0.38384777	1
ADAM19	-1.6894851	0.22242481	1	-0.3071243	0.7349706	1
ADAM21	0.27443917	1	1	1.26303441	1	1
ADAM22	10.0901135	0.05637677	1	3.04586464	0.12904921	1
ADAM23	-0.6751285	0.03001949	1	-0.6624103	0.09812381	1
ADAM28	-9.4218559	0.06784723	1	-7.6646758	0.26373073	1
ADAM30	0.27443917	1	1	1.26303441	1	1
ADAM32	-0.0203321	0.86503869	1	1.30527169	0.59553177	1
ADAM33	0.27443917	1	1	-5.5505252	0.52259551	1
ADAM7	0.27443917	1	1	1.26303441	1	1
ADAM8	-0.684561	0.67943112	1	-0.0209032	0.96380808	1
ADAM9	-0.2944863	0.92146543	1	0.13404395	0.69808179	1
ADAMDEC1	0.27443917	1	1	-9.8572096	0.1474095	1
ADAMTS1	0.27443917	1	1	1.26303441	1	1
ADAMTS10	0.04002286	0.55868	1	0.01293899	0.93273985	1
ADAMTS12	0.27443917	1	1	1.26303441	1	1
ADAMTS13	0.27443917	1	1	-7.5515629	0.3629285	1
ADAMTS14	-7.2420457	0.36779564	1	-5.5119993	0.52259551	1
ADAMTS15	-7.6188164	0.36779564	1	-7.798862	0.3629285	1

ADAMTS16	8.380007	0.12052946	1	2.31524908	0.35926299	1
ADAMTS17	2.35881731	0.08561293	1	1.17252219	0.33948064	1
ADAMTS18	0.27443917	1	1	-5.9107899	0.52259551	1
ADAMTS19	0.27443917	1	1	1.26303441	1	1
ADAMTS2	7.85628069	0.2752184	1	8.84487593	0.12281968	1
ADAMTS20	0.27443917	1	1	1.26303441	1	1
ADAMTS3	-6.7958073	0.36779564	1	1.26303441	1	1
ADAMTS4	0.27443917	1	1	1.26303441	1	1
ADAMTS5	0.27443917	1	1	1.26303441	1	1
ADAMTS6	0.58691198	0.45635497	1	0.73331769	0.66572367	1
ADAMTS7	1.52052172	0.23243735	1	1.87770153	0.13186121	1
ADAMTS8	0.27443917	1	1	1.26303441	1	1
ADAMTS9	0.27443917	1	1	1.26303441	1	1
ADAMTSL1	7.45361488	0.2752184	1	0.44894841	0.52790957	1
ADAMTSL2	0.27443917	1	1	-3.4115773	0.52259551	1
ADAMTSL3	0.27443917	1	1	1.26303441	1	1
ADAMTSL4	-8.8829534	0.11486391	1	-10.003402	0.03005553	1
ADAMTSL5	0.27443917	1	1	-7.1288372	0.52259551	1
ADAP1	-0.9551967	0.78789895	1	-0.2684804	0.71709365	1
ADAP2	-3.118072	0.15285381	1	-2.6965028	0.1699787	1
ADAR	-0.9163871	0.02193268	1	0.275301	0.24596736	1
ADARB1	-10.016033	0.04066178	1	-10.144927	0.03005553	1
ADARB2	-9.2230056	0.06784723	1	-8.8519123	0.1958879	1
ADAT1	0.54231404	0.89260809	1	-0.3404429	0.88397598	1
ADAT2	-0.9488663	0.4226224	1	-0.6187229	0.38210003	1
ADCK1	0.44776115	0.4634873	1	-2.0262981	0.20166723	1
ADCK2	-0.0550113	0.28849851	1	-0.1414355	0.61691428	1
ADCK5	-2.8634526	0.0579345	1	-1.8654951	0.22379602	1
ADCY1	0.27443917	1	1	1.26303441	1	1
ADCY10	-0.4313768	0.55540624	1	-1.1599193	0.62478132	1
ADCY2	0.29698922	0.89260809	1	1.02027816	0.8783593	1
ADCY3	0.45458195	0.56283594	1	0.20730315	0.91444954	1
ADCY4	0.27443917	1	1	-6.803177	0.52259551	1
ADCY5	0.27443917	1	1	1.26303441	1	1
ADCY6	0.27443917	1	1	1.26303441	1	1
ADCY7	0.23167846	0.28822212	1	0.61069628	0.02429997	1
ADCY8	0.27443917	1	1	1.26303441	1	1
ADCY9	0.07550635	0.3100972	1	0.2785419	0.37065873	1
ADCYAP1	0.27443917	1	1	1.26303441	1	1
ADCYAP1R1	0.27443917	1	1	1.26303441	1	1
ADD1	-0.5196887	0.06993941	1	0.09005882	0.82506413	1
ADD2	0.27443917	1	1	1.26303441	1	1
ADD3	0.92265483	0.0113452	1	1.1579226	0.01215142	1

ADGB	-0.3527414	0.80862687	1	0.54916816	0.37235208	1
ADGRA1	0.27443917	1	1	1.26303441	1	1
ADGRA2	2.94431347	0.45132853	1	0.83060229	0.59936951	1
ADGRA3	-7.6605732	0.36779564	1	1.26303441	1	1
ADGRB1	0.27443917	1	1	1.26303441	1	1
ADGRB2	-7.5291749	0.36779564	1	1.26303441	1	1
ADGRB3	-1.634897	0.86503869	1	1.55715895	0.36250784	1
ADGRD1	0.27443917	1	1	1.26303441	1	1
ADGRD2	0.27443917	1	1	1.26303441	1	1
ADGRE1	-0.4940873	0.8146861	1	-0.7958482	0.32951735	1
ADGRE2	0.41755421	0.67519007	1	0.54040818	0.46680269	1
ADGRE3	0.27443917	1	1	-4.2111359	0.52259551	1
ADGRE5	-0.6225631	0.0049379	1	-0.0026699	0.24064722	1
ADGRF1	-3.4382355	0.01307965	1	-1.8633003	0.48702665	1
ADGRF2	0.27443917	1	1	1.26303441	1	1
ADGRF3	-0.4372971	0.620921	1	0.02580064	0.74772459	1
ADGRF4	0.27443917	1	1	1.26303441	1	1
ADGRF5	-5.7676125	0.36779564	1	1.26303441	1	1
ADGRG1	-10.727737	0.04066178	1	-9.3618261	0.1474095	1
ADGRG2	-0.9496008	0.90231962	1	-1.1740977	0.84581067	1
ADGRG3	-10.386257	0.04066178	1	-6.3598444	0.3629285	1
ADGRG4	0.27443917	1	1	1.26303441	1	1
ADGRG5	0.21363945	0.40450134	1	0.44447401	0.53671561	1
ADGRG6	-8.6749204	0.36779564	1	1.26303441	1	1
ADGRG7	7.85628069	0.2752184	1	8.84487593	0.12281968	1
ADGRL1	2.08914068	0.45132853	1	0.09051674	0.79732102	1
ADGRL2	0.88980639	0.83770648	1	-0.6231531	0.84965556	1
ADGRL3	7.06868348	0.2752184	1	-0.1881805	0.52790957	1
ADGRL4	0.27443917	1	1	1.26303441	1	1
ADGRV1	8.58621661	0.2752184	1	1.84086747	0.8783593	1
ADH1A	0.27443917	1	1	1.26303441	1	1
ADH1B	0.27443917	1	1	1.26303441	1	1
ADH4	0.27443917	1	1	1.26303441	1	1
ADH5	-0.1719289	0.78185785	1	-1.5001335	0.04632822	1
ADH6	0.27443917	1	1	1.26303441	1	1
ADH7	-0.3563191	0.68789913	1	-0.3801151	0.38210003	1
ADHFE1	-7.4451245	0.36779564	1	-5.2048921	0.52259551	1
ADI1	0.11605364	0.89617347	1	-0.8753447	0.21053294	1
ADIG	0.57644092	0.4634873	1	10.0044122	0.02855238	1
ADIPOQ	0.27443917	1	1	1.26303441	1	1
ADIPOR1	-1.2767925	0.10215174	1	-0.9059628	0.11546402	1
ADIPOR2	-0.1574972	0.76301711	1	0.00842886	0.77080606	1
ADIRF	0.27443917	1	1	1.26303441	1	1

ADK	-0.0701312	0.69848887	1	0.5842346	0.04586388	1
ADM	0.27443917	1	1	-6.3643843	0.52259551	1
ADM2	0.27443917	1	1	1.26303441	1	1
ADM5	2.2010497	0.45132853	1	0.38650555	0.37235208	1
ADNP	-0.0642197	0.47614696	1	0.51923837	0.02400754	1
ADNP2	-0.6594642	0.32600336	1	0.21643999	0.99724193	1
ADO	-1.9522432	0.67317602	1	-1.4739624	0.8409801	1
ADORA1	0.27443917	1	1	1.26303441	1	1
ADORA2A	1.76012007	0.23243735	1	1.43999372	0.59376604	1
ADORA2B	0.53920322	0.85336992	1	0.77883168	0.0111309	1
ADORA3	0.27443917	1	1	1.26303441	1	1
ADPGK	0.19122777	0.34214235	1	0.62645176	0.26764389	1
ADPRH	-1.398512	0.14872333	1	-1.3324894	0.07973606	1
ADPRHL2	0.57432574	0.26095945	1	0.14656793	0.95842534	1
ADPRM	-0.5299814	0.90999966	1	-0.4882606	0.74109613	1
ADRA1A	0.27443917	1	1	1.26303441	1	1
ADRA1B	0.27443917	1	1	1.26303441	1	1
ADRA1D	0.4237038	0.89260809	1	1.54375512	0.52223338	1
ADRA2A	-5.7676125	0.36779564	1	1.26303441	1	1
ADRA2B	0.27443917	1	1	1.26303441	1	1
ADRA2C	0.27443917	1	1	1.26303441	1	1
ADRB1	-9.1535523	0.19965135	1	-7.8967652	0.26373073	1
ADRB2	-0.199133	0.68052236	1	-0.9085636	0.29509127	1
ADRB3	0.27443917	1	1	1.26303441	1	1
ADRM1	-0.9646291	0.1490016	1	-1.9617225	0.00255761	1
ADSL	0.22091771	0.753513	1	0.70775886	0.58888898	1
ADSS	-0.5845827	0.36742986	1	-0.3037179	0.48668212	1
ADSSL1	0.27443917	1	1	-7.9554216	0.1474095	1
ADTRP	-5.3209596	0.36779564	1	1.26303441	1	1
AEBP1	8.31177523	0.2752184	1	0.99631645	0.52790957	1
AEBP2	-0.4363389	0.43635492	1	0.01754966	0.69252446	1
AEN	0.3163114	0.3513473	1	-0.1831317	0.85565672	1
AFAP1	0.27443917	1	1	-8.1275992	0.26373073	1
AFAP1L1	-0.7179009	0.93445604	1	-0.0862292	0.47724136	1
AFAP1L2	1.54175192	0.23243735	1	-0.5050526	0.98272149	1
AFDN	-0.2681353	0.87555087	1	0.3642249	0.87413288	1
AFF1	-0.0852846	0.8550807	1	0.68530663	0.00038028	1
AFF2	-1.4486958	0.67317602	1	-0.7090129	0.84581067	1
AFF3	0.80464567	0.00306849	1	1.6553618	1.92E-09	5.29E-05
AFF4	-0.7856962	0.0067318	1	-0.392642	0.11755791	1
AFG1L	0.30409832	0.49173915	1	0.17825716	0.50463029	1
AFG3L2	0.18854365	0.55104144	1	0.97576706	0.1000759	1
AFMID	0.27443917	1	1	1.26303441	1	1

AFTPH	0.18665749	0.55424767	1	0.14525364	0.70878117	1
AGA	0.66635334	0.64422589	1	-0.0179788	0.41938305	1
AGAP1	-3.2087537	0.03929276	1	-0.8968888	0.2655763	1
AGAP2	0.78418089	0.24195253	1	0.40374335	0.14357483	1
AGAP3	0.39519734	0.53236434	1	0.16633354	0.59984059	1
AGBL1	0.27443917	1	1	-6.0043987	0.52259551	1
AGBL2	0.34253323	0.85135027	1	1.12073082	0.82595901	1
AGBL3	0.38959984	0.52174859	1	0.03449945	0.88787827	1
AGBL5	0.47163903	0.83770648	1	0.27359565	0.37235208	1
AGER	1.35735744	0.89260809	1	-1.5771076	0.37449073	1
AGFG1	0.10995703	0.95427461	1	0.18361037	0.72240126	1
AGFG2	0.56373604	0.76935936	1	0.07222349	0.51851281	1
AGGF1	-0.7557315	0.44052568	1	-0.5820233	0.59479884	1
AGK	-0.5125424	0.32055017	1	-0.1380054	0.76457013	1
AGL	1.03764467	0.36123985	1	0.40447008	0.90968879	1
AGMAT	-6.0587014	0.36779564	1	-8.8913538	0.1958879	1
AGMO	-5.7150445	0.36779564	1	-5.87709	0.52259551	1
AGO1	0.06658119	0.72716169	1	0.83194092	0.48457475	1
AGO2	0.18056388	0.50680417	1	0.67213393	0.00939404	1
AGO4	0.16731472	0.34198178	1	0.41672792	0.1340764	1
AGPAT1	-0.3166485	0.48820674	1	-1.8112897	0.14156762	1
AGPAT2	-1.2545709	0.64547316	1	-1.9811586	0.1385333	1
AGPAT3	-0.5237157	0.50233245	1	-0.4111541	0.37066546	1
AGPAT4	0.28889298	0.93241667	1	0.68294087	0.33442429	1
AGPAT5	0.09614349	0.90324117	1	0.11533887	0.91675079	1
AGPS	-0.2143349	0.53415867	1	-0.0271819	0.8407349	1
AGR2	-7.8927324	0.36779564	1	-6.4164342	0.52259551	1
AGR3	0.76458159	0.4634873	1	-0.060527	0.79393384	1
AGRN	-2.119036	0.67317602	1	0.31055738	0.52790957	1
AGT	0.27443917	1	1	1.26303441	1	1
AGTPBP1	0.72843696	0.00273103	1	0.77487209	0.0040002	1
AGTR1	0.27443917	1	1	1.26303441	1	1
AGTRAP	0.22929842	0.56503214	1	-2.4704892	0.00352872	1
AGXT	0.27443917	1	1	1.26303441	1	1
AGXT2	0.27443917	1	1	1.26303441	1	1
AHCTF1	-0.3421974	0.53588401	1	-0.2933342	0.25837151	1
AHCY	-0.1751954	0.81908362	1	-0.1199975	0.96388173	1
AHCYL1	0.41132428	0.97810391	1	0.59529411	0.50839478	1
AHCYL2	-0.3571079	0.66924051	1	0.35443421	0.38063567	1
AHDC1	0.0773831	0.33102058	1	1.23730008	0.02352733	1
AHI1	-0.0082479	0.14816253	1	0.30366693	0.17919571	1
AHNAK	0.51066545	0.12503088	1	0.68931552	0.00878051	1
AHNAK2	0.30885755	0.89260809	1	-0.6808713	0.64428388	1

AHR	0.1224671	0.65281535	1	0.67275703	0.02765155	1
AHRR	1.31274106	0.89260809	1	9.39100627	0.12281968	1
AHSA1	0.3823791	0.17123402	1	-0.9494778	0.12464757	1
AHSA2P	1.08070634	0.07128524	1	-0.4999826	0.83897412	1
AHSG	0.27443917	1	1	1.26303441	1	1
AHSP	0.27443917	1	1	1.26303441	1	1
AICDA	0.27443917	1	1	1.26303441	1	1
AIDA	-0.2706075	0.90698594	1	-0.2726545	0.5301351	1
AIF1	-1.0459416	0.10711976	1	-3.5247444	2.14E-07	0.00590399
AIF1L	0.27443917	1	1	1.26303441	1	1
AIFM1	0.24723481	0.67490074	1	-0.7528929	0.83180901	1
AIFM2	-0.0354324	0.85135027	1	-0.322043	0.96635635	1
AIFM3	0.14464863	0.85135027	1	0.4796596	0.83384139	1
AIG1	0.05600608	0.99148393	1	0.56106576	0.84443512	1
AIM2	-0.773617	0.25734833	1	-0.7991195	0.06947092	1
AIMP1	-1.83576	0.12246873	1	-2.0710828	0.00013943	1
AIMP2	-0.052154	0.82075644	1	-1.5731381	0.02123531	1
AIP	-0.3189411	0.94700609	1	-1.1929014	0.02866802	1
AIPL1	0.27443917	1	1	1.26303441	1	1
AIRE	0.27443917	1	1	-3.4307288	0.52259551	1
AJAP1	0.27443917	1	1	1.26303441	1	1
AJM1	8.73300701	0.12052946	1	1.70611632	0.36250784	1
AJUBA	0.27443917	1	1	1.26303441	1	1
AK1	0.27443917	1	1	1.26303441	1	1
AK2	-0.7788687	0.01383525	1	-0.7382611	0.01106516	1
AK3	2.17384228	0.02988946	1	0.23900575	0.61994906	1
AK4	-8.0178825	0.36779564	1	-3.4115773	0.52259551	1
AK5	-8.5377249	0.11486391	1	-9.0241047	0.1474095	1
AK6	-1.6732562	0.53302764	1	-1.1256692	0.13203422	1
AK7	0.27443917	1	1	1.26303441	1	1
AK8	-2.3431589	0.41260835	1	-0.3086658	0.8895985	1
AK9	-0.1363521	0.90498006	1	2.06844067	0.26502162	1
AKAIN1	0.27443917	1	1	1.26303441	1	1
AKAP1	-0.0146407	0.65375748	1	0.51994212	0.2935672	1
AKAP10	0.09410488	0.37435024	1	0.04321758	0.66921861	1
AKAP11	-0.5412173	0.14175074	1	-0.2014408	0.37987413	1
AKAP12	-9.1693157	0.11486391	1	1.26303441	1	1
AKAP13	-0.2170227	0.1136053	1	0.35724587	0.00265548	1
AKAP14	-6.0587014	0.36779564	1	-6.2735797	0.52259551	1
AKAP17A	-0.4824902	0.84287138	1	-0.2124428	0.70754416	1
AKAP2	-8.5614796	0.11486391	1	-8.4077747	0.3629285	1
AKAP3	0.27443917	1	1	-6.7113859	0.52259551	1
AKAP4	0.27443917	1	1	1.26303441	1	1

AKAP5	1.01539425	0.09140005	1	0.11415628	0.99647908	1
AKAP6	0.46253012	0.98125377	1	1.99603651	0.04397082	1
AKAP7	-0.2996061	0.99677822	1	0.01910262	0.68902047	1
AKAP8	-1.3686772	0.07467075	1	-0.438504	0.57698641	1
AKAP8L	-0.8724862	0.33029737	1	-0.4726878	0.28155978	1
AKAP9	-0.1386094	0.65912954	1	0.11334912	0.78405559	1
AKIP1	-1.7872058	0.36009138	1	-2.5375541	0.09705653	1
AKIRIN1	0.44640499	0.68392171	1	-0.1735975	0.12645874	1
AKIRIN2	-1.206593	0.19132203	1	-1.283901	0.01610441	1
AKNA	0.36526078	0.04102813	1	0.32819113	0.12009905	1
AKNAD1	-0.2009563	0.56503214	1	0.3154475	0.96635635	1
AKR1A1	-0.6580408	0.30619226	1	-1.4201051	0.00322615	1
AKR1B1	-1.2194971	0.23052772	1	-2.0561452	0.00112262	1
AKR1C1	-7.0491558	0.36779564	1	1.26303441	1	1
AKR1C2	0.27443917	1	1	1.26303441	1	1
AKR1C4	0.27443917	1	1	1.26303441	1	1
AKR1D1	0.27443917	1	1	1.26303441	1	1
AKR1E2	0.27443917	1	1	1.26303441	1	1
AKR7A2	-0.9319859	0.71867282	1	-2.4731591	0.00078526	1
AKR7L	7.53880401	0.2752184	1	0.37073511	0.88397598	1
AKT1	-0.373813	0.84707516	1	-1.266143	0.18899521	1
AKT1S1	0.6369179	0.91549579	1	1.12380163	0.90572605	1
AKT2	-0.5092674	0.2755956	1	0.81266483	0.19084404	1
AKT3	0.33378399	0.01012993	1	0.7580264	7.30E-08	0.00201343
AKTIP	-2.4778591	0.41260835	1	-2.9468518	0.0611303	1
ALAD	0.27443917	1	1	-7.6393857	0.3629285	1
ALAS1	-0.6404711	0.71450081	1	-0.684919	0.20519541	1
ALAS2	0.27443917	1	1	1.26303441	1	1
ALB	0.27443917	1	1	1.26303441	1	1
ALCAM	-1.1050759	0.00285514	1	-0.1007434	0.14518063	1
ALDH16A1	0.85712058	0.06564521	1	0.31996505	0.35606664	1
ALDH18A1	-0.4359518	0.79544907	1	0.03652433	0.60594095	1
ALDH1A1	-1.1797124	0.1530924	1	-2.2588656	0.00087395	1
ALDH1A2	0.27443917	1	1	1.26303441	1	1
ALDH1A3	0.27443917	1	1	1.26303441	1	1
ALDH1B1	0.27443917	1	1	1.26303441	1	1
ALDH1L1	0.27443917	1	1	1.26303441	1	1
ALDH1L2	-1.0724291	0.67317602	1	-1.0543067	0.64428388	1
ALDH2	-1.2685277	0.02836684	1	-2.0731599	3.64E-10	1.01E-05
ALDH3A1	-2.4662666	0.15285381	1	-2.6372653	0.13116413	1
ALDH3A2	-0.1682059	0.95315705	1	-1.9799607	0.00295689	1
ALDH3B1	-0.4973189	0.73544378	1	-0.28593	0.43127841	1
ALDH4A1	8.43873091	0.2752184	1	1.471147	0.52223338	1

ALDH5A1	0.85219533	0.92075933	1	0.19850691	0.52593436	1
ALDH6A1	1.29322811	0.57473755	1	1.81345091	0.80410677	1
ALDH7A1	0.76909524	0.52003827	1	0.94435469	0.88144736	1
ALDH8A1	-0.3605282	0.61155173	1	-0.2442659	0.76237709	1
ALDH9A1	0.05368852	0.88549085	1	-1.1904491	0.00765454	1
ALDOA	-0.4652528	0.88549085	1	-2.3954777	6.25E-07	0.01724201
ALDOB	0.27443917	1	1	1.26303441	1	1
ALDOC	0.27443917	1	1	-8.9949026	0.1958879	1
ALG1	0.65455269	0.81353247	1	0.24851835	0.43614215	1
ALG11	-0.3642901	0.73965666	1	-1.0640166	0.65459355	1
ALG12	-1.2256128	0.54111927	1	-1.4090369	0.12981126	1
ALG13	0.1487115	0.22152157	1	-0.1662605	0.63027019	1
ALG14	-0.1406672	0.74118136	1	0.01904466	0.56358903	1
ALG2	-2.1988194	0.02650002	1	-0.9536643	0.32595403	1
ALG3	-1.1491538	0.88923822	1	-1.4895918	0.40077097	1
ALG5	-0.1854876	0.45483837	1	-0.816119	0.08703018	1
ALG6	-0.1554305	0.9490192	1	0.22642554	0.44240932	1
ALG8	-0.2809617	0.74872129	1	-0.2670503	0.88480699	1
ALG9	0.32231066	0.46075662	1	0.33434609	0.61725765	1
ALK	0.02067926	0.91023596	1	2.54628515	0.25857517	1
ALKAL1	0.27443917	1	1	-6.8555516	0.52259551	1
ALKAL2	0.27443917	1	1	-7.0369475	0.52259551	1
ALKBH1	1.27018446	0.10342453	1	-0.4702509	0.89053805	1
ALKBH2	-1.0242631	0.90231962	1	-2.7626643	0.03781715	1
ALKBH3	-0.2234077	0.36686821	1	0.17145457	0.48513767	1
ALKBH4	0.46069971	0.51164527	1	0.0637383	0.80520616	1
ALKBH5	-0.309976	0.91085315	1	0.41927778	0.69690978	1
ALKBH6	-10.355639	0.02458092	1	-8.3395894	0.26373073	1
ALKBH7	-1.2484933	0.09740357	1	-3.1728039	1.19E-07	0.00327596
ALKBH8	0.87157099	0.05542251	1	1.16099283	0.01632153	1
ALLC	0.27443917	1	1	1.26303441	1	1
ALMS1	0.0541444	0.40630805	1	0.52707325	0.02151899	1
ALOX12	-1.7950156	0.68052236	1	-2.7864961	0.28706691	1
ALOX12B	0.27443917	1	1	1.26303441	1	1
ALOX15	0.27443917	1	1	-7.0423795	0.52259551	1
ALOX15B	0.27443917	1	1	-6.3027599	0.52259551	1
ALOX5	1.82235031	0.15778002	1	-0.1213638	0.66669721	1
ALOX5AP	-0.9744187	0.23618805	1	-2.5507574	5.21E-06	0.14388688
ALOXE3	-7.9472953	0.36779564	1	1.26303441	1	1
ALPK1	-0.228567	0.72385846	1	1.02436313	0.0011501	1
ALPK2	-7.8099251	0.36779564	1	-7.6232094	0.26373073	1
ALPK3	1.82079921	0.19468878	1	0.95089983	0.43552486	1
ALPL	8.29309104	0.2752184	1	9.28168627	0.12281968	1

ALPP	0.27443917	1	1	1.26303441	1	1
ALS2	0.50389923	0.88166822	1	0.37904732	0.66818923	1
ALS2CL	0.27443917	1	1	1.26303441	1	1
ALX1	0.27443917	1	1	1.26303441	1	1
ALX3	-8.0377939	0.36779564	1	1.26303441	1	1
ALX4	0.34627241	0.4634873	1	0.02805825	0.61094938	1
ALYREF	-1.1773338	0.63657419	1	-2.1920894	0.03487362	1
AMACR	-7.9472953	0.36779564	1	-9.4757704	0.06553217	1
AMBN	0.27443917	1	1	1.26303441	1	1
AMBP	0.27443917	1	1	1.26303441	1	1
AMBRA1	-0.5324966	0.0426604	1	0.23250836	0.21205215	1
AMD1	0.64952012	0.03014352	1	-0.2929816	0.39615572	1
AMDHD1	0.27443917	1	1	-7.2674607	0.3629285	1
AMDHD2	0.67151895	0.83292902	1	1.99119494	0.59170527	1
AMELX	-2.1222184	0.67317602	1	1.8909009	0.52223338	1
AMELY	0.27443917	1	1	-7.0009929	0.3629285	1
AMER1	0.72557983	0.68789913	1	8.78121863	0.12281968	1
AMFR	-0.0006902	0.84377298	1	0.13989933	0.79079124	1
AMH	0.27443917	1	1	1.26303441	1	1
AMHR2	0.87086149	0.23586417	1	-0.3967777	0.96702057	1
AMIGO1	0.27443917	1	1	-7.0180959	0.52259551	1
AMIGO2	0.39991598	0.68789913	1	-0.2586635	0.49978619	1
AMIGO3	0.27443917	1	1	-5.2966258	0.3629285	1
AMMECR1	0.10858345	0.67729655	1	0.74429647	0.22692887	1
AMMECR1L	-1.7726476	0.07691961	1	-1.1473499	0.11037507	1
AMN	0.70961778	0.82683753	1	-0.2756129	0.41673466	1
AMN1	-1.1708719	0.38193973	1	-1.3324462	0.09763932	1
AMOT	0.27443917	1	1	-8.1271271	0.3629285	1
AMOTL1	-8.9042698	0.11486391	1	-10.197959	0.01801327	1
AMPD1	0.27443917	1	1	1.26303441	1	1
AMPD2	1.49219468	0.10651275	1	-0.0005614	0.14825023	1
AMPD3	-9.1293423	0.36779564	1	-3.4115773	0.52259551	1
AMPH	0.27443917	1	1	1.26303441	1	1
AMT	-0.6310636	0.65379415	1	-0.1489625	0.96548204	1
AMTN	7.45361488	0.2752184	1	8.44221012	0.12281968	1
AMY2B	0.94919111	0.23586417	1	-1.4696336	0.32964009	1
AMZ1	-0.3702257	0.68318478	1	0.10263836	0.32873747	1
AMZ2	0.19198278	0.84666533	1	-0.2633272	0.18020141	1
ANAPC1	0.21867514	0.98294185	1	0.77461292	0.19581607	1
ANAPC10	-1.3702628	0.09579025	1	-0.5729036	0.20515042	1
ANAPC11	-0.6223294	0.85797279	1	-2.0532301	0.00044563	1
ANAPC13	-1.1315173	0.1047621	1	-2.1330146	0.00021505	1
ANAPC15	-7.2442683	0.36779564	1	-10.947597	0.00182296	1

ANAPC16	0.59196948	0.24416718	1	-0.9035772	0.02120636	1	
ANAPC2	-0.9699844	0.55540624	1	-1.2023887	0.26113503	1	
ANAPC4	0.71352465	0.08116698	1	1.49407751	0.00327939	1	
ANAPC5	0.0966433	0.76650691	1	0.85064429	0.01804009	1	
ANAPC7	0.00981656	0.71664629	1	-0.0160123	0.93598781	1	
ANGEL1	0.67588989	0.20033742	1	-0.1127405	0.9650841	1	
ANGEL2	-0.5248369	0.8285829	1	-0.4684555	0.71088145	1	
ANGPT1	-8.6267271	0.36779564	1	-5.0947114	0.52259551	1	
ANGPT2	-0.7168044	0.54647286	1	-2.0909021	0.09245027	1	
ANGPT4	0.27443917	1	1	1.26303441	1	1	
ANGPTL1	1.05746787	0.45738523	1	-1.4038222	0.16480972	1	
ANGPTL2	-10.273139	0.11486391	1	-8.2286191	0.1958879	1	
ANGPTL3	0.27443917	1	1	1.26303441	1	1	
ANGPTL4	-8.4551564	0.19965135	1	-6.1889573	0.52259551	1	
ANGPTL5	0.27443917	1	1	1.26303441	1	1	
ANGPTL6	0.27443917	1	1	1.26303441	1	1	
ANGPTL7	8.29532031	0.2752184	1	2.56723299	0.52223338	1	
ANGPTL8	0.27443917	1	1	1.26303441	1	1	
ANK1	-7.6591732	0.36779564	1	1.26303441	1	1	
ANK2	-1.4135116	0.90231962	1	-1.1084456	0.84581067	1	
ANK3	-0.6187527	0.00212999	1	-0.5634035	0.00656604	1	
ANKAR	-0.6626757	0.64219749	1	0.20948799	0.32624094	1	
ANKDD1A	-1.6336229	0.23874614	1	0.13038934	0.8377889	1	
ANKDD1B	-1.0582435	0.16123409	1	-0.3819942	0.29712061	1	
ANKEF1	-5.3209596	0.36779564	1	1.26303441	1	1	
ANKFN1	-0.5392673	0.4226224	1	1.20152209	0.8783593	1	
ANKFY1	-0.414464	0.41748226	1	-0.0551967	0.7273122	1	
ANKH	0.43160078	0.18693025	1	0.74198889	0.04608925	1	
ANKIB1	-0.3250903	0.48776618	1	0.35149436	0.33170644	1	
ANKK1	0.27443917	1	1	1.26303441	1	1	
ANKLE1	-1.2476546	0.90231962	1	8.27765553	0.12281968	1	
ANKLE2	0.39016598	0.40893411	1	0.20340325	0.43573021	1	
ANKMY1	-8.8271332	0.11486391	1	-8.2061352	0.26373073	1	
ANKMY2	-0.047927	0.27061437	1	-0.1439897	0.84509724	1	
ANKRA2	0.65848238	0.35933105	1	-0.2765859	0.79721142	1	
ANKRD1	0.27443917	1	1	1.26303441	1	1	
ANKRD10	0.50404277	0.05153784	1	0.3256858	0.43006526	1	
ANKRD11	0.25054566	0.11383997	1	0.70062866	8.21E-07	0.02264956	
ANKRD12	-0.1600787	0.96389064	1	-0.009723	0.54461304	1	
ANKRD13A	-0.6538322	0.604744	1	-0.6565307	0.17680922	1	
ANKRD13B	7.79917819	0.2752184	1	8.78777343	0.12281968	1	
ANKRD13C	0.22037165	0.28512156	1	0.57895389	0.066488	1	
ANKRD13D	-0.6260464	0.10804856	1	0.23531298	0.93301998	1	

ANKRD16	-0.6597901	0.95783674	1	1.53534852	0.19454562	1
ANKRD17	-0.2831597	0.30310815	1	0.21352574	0.35416577	1
ANKRD2	0.27443917	1	1	1.26303441	1	1
ANKRD22	0.27443917	1	1	-6.4199032	0.3629285	1
ANKRD23	0.27443917	1	1	-3.4307288	0.52259551	1
ANKRD24	8.76707513	0.2752184	1	3.22403271	0.52223338	1
ANKRD26	-0.6876276	0.58182537	1	-0.2938827	0.86669558	1
ANKRD27	-0.0942476	0.90885489	1	0.76802848	0.00368934	1
ANKRD28	0.30194258	0.27698807	1	0.88303366	0.00083125	1
ANKRD29	0.27443917	1	1	1.26303441	1	1
ANKRD30A	0.27443917	1	1	1.26303441	1	1
ANKRD30BL	0.27443917	1	1	1.26303441	1	1
ANKRD31	1.83421743	0.89260809	1	-0.1847452	0.88397598	1
ANKRD33B	0.27910987	0.89728465	1	0.91322446	0.54278446	1
ANKRD34A	0.27443917	1	1	1.26303441	1	1
ANKRD34B	0.27443917	1	1	1.26303441	1	1
ANKRD35	-7.0810037	0.36779564	1	-9.45143	0.06553217	1
ANKRD36C	0.27443917	1	1	-7.0369475	0.52259551	1
ANKRD37	0.25485299	0.82075644	1	0.95008533	0.59936951	1
ANKRD39	-0.6945989	0.6046529	1	-1.038377	0.09140424	1
ANKRD40	-1.0524003	0.1560589	1	-0.7282074	0.05491471	1
ANKRD40CL	0.27443917	1	1	-6.8796385	0.52259551	1
ANKRD42	0.19095203	0.37450315	1	-0.2262405	0.80852511	1
ANKRD44	-0.2344573	0.11820048	1	0.28551976	0.0074021	1
ANKRD45	0.27443917	1	1	1.26303441	1	1
ANKRD46	0.23673563	0.20485027	1	1.46221374	0.00496582	1
ANKRD49	-0.1671297	0.55691698	1	-0.2884716	0.98174895	1
ANKRD50	0.9626404	0.50663218	1	1.69008097	0.26286061	1
ANKRD52	0.14568818	0.97871194	1	0.41291746	0.7302143	1
ANKRD53	0.27443917	1	1	1.26303441	1	1
ANKRD54	-1.8451636	0.23874614	1	-0.3852957	0.41673466	1
ANKRD55	0.27443917	1	1	1.26303441	1	1
ANKRD6	0.01839679	0.39088609	1	0.6891016	0.00115885	1
ANKRD60	-5.4928051	0.36779564	1	1.26303441	1	1
ANKRD61	8.76181017	0.12052946	1	4.27623509	0.15452883	1
ANKRD62	-0.3340175	0.8146861	1	-0.4361981	0.95888601	1
ANKRD63	0.27443917	1	1	1.26303441	1	1
ANKRD65	-1.3471271	0.68052236	1	-1.8953815	0.28706691	1
ANKRD66	-9.3686959	0.19965135	1	1.26303441	1	1
ANKRD7	0.27443917	1	1	1.26303441	1	1
ANKRD9	7.97247888	0.2752184	1	-1.0209702	0.38210003	1
ANKS1A	-0.0117192	0.95411756	1	0.52201281	0.07567833	1
ANKS1B	-8.7838605	0.11486391	1	-7.8852734	0.3629285	1

ANKS3	-0.7581783	0.50941846	1	0.09936513	0.54685233	1
ANKS4B	0.27443917	1	1	1.26303441	1	1
ANKS6	-0.4428289	0.77577019	1	0.6316193	0.34586317	1
ANKUB1	0.27443917	1	1	1.26303441	1	1
ANKZF1	0.11233959	0.24028089	1	-0.9283937	0.09919147	1
ANLN	-7.4529774	0.36779564	1	-6.7448913	0.52259551	1
ANO1	-8.5439847	0.36779564	1	1.26303441	1	1
ANO10	0.52864879	0.41480939	1	1.10009965	0.04464331	1
ANO2	-8.9281617	0.19965135	1	-7.859805	0.3629285	1
ANO3	8.19481896	0.2752184	1	9.1834142	0.12281968	1
ANO4	0.27443917	1	1	1.26303441	1	1
ANO5	-7.0491558	0.36779564	1	1.26303441	1	1
ANO6	-0.1602745	0.82679129	1	0.11428762	0.47709664	1
ANO7	-2.5393554	0.40765452	1	-1.087624	0.52790957	1
ANO8	-0.8558744	0.45470284	1	0.76798466	0.23703449	1
ANOS1	0.27443917	1	1	-6.2598662	0.52259551	1
ANP32A	-0.4273813	0.717316	1	-0.3291107	0.52558412	1
ANP32B	-0.9615948	0.08418858	1	-1.2362922	1.09E-05	0.30007062
ANP32C	0.27443917	1	1	1.26303441	1	1
ANP32E	-0.2052656	0.97733965	1	-1.0719544	0.00394653	1
ANPEP	-3.0885323	0.24755874	1	-2.2129406	0.220656	1
ANTXR1	0.27443917	1	1	-7.2070419	0.52259551	1
ANTXR2	-0.1011039	0.52996776	1	0.14630674	0.29863778	1
ANXA1	-0.0083089	0.76542828	1	-0.5545264	0.00013923	1
ANXA10	-6.5132161	0.36779564	1	1.26303441	1	1
ANXA11	0.04251768	0.50626208	1	-0.0085984	0.71556798	1
ANXA13	0.27443917	1	1	1.26303441	1	1
ANXA2	-1.038303	0.0081211	1	-1.3504998	8.74E-05	1
ANXA3	1.06097121	0.51844261	1	0.62041176	0.97137762	1
ANXA4	-1.2998938	0.26065715	1	-1.5998981	0.08096855	1
ANXA5	0.7209176	0.19413157	1	-1.0730672	0.00012431	1
ANXA6	0.65580561	0.04350123	1	0.28636303	0.50904949	1
ANXA7	0.52406284	0.22551468	1	-0.3108648	0.3268089	1
ANXA9	7.29218615	0.2752184	1	8.28078139	0.12281968	1
AOAH	-1.780082	0.000164	1	-0.5767996	0.1778951	1
AOC2	8.68570995	0.2752184	1	9.67430519	0.12281968	1
AOPEP	0.86754643	0.0262409	1	1.3525345	3.79E-05	1
AOX1	0.27443917	1	1	1.26303441	1	1
AOX2	0.27443917	1	1	-7.745783	0.52259551	1
AOX4	0.27443917	1	1	1.26303441	1	1
AP1AR	-0.9778412	0.6541253	1	-1.7141938	0.06690366	1
AP1B1	-0.2500059	0.76348144	1	0.96390285	0.16375822	1
AP1G1	-0.5161041	0.25120494	1	0.01449075	0.82881595	1

AP1G2	-0.802791	0.54647286	1	-0.5525522	0.70053502	1	
AP1M1	-0.5601686	0.59124144	1	-0.3301392	0.95983916	1	
AP1M2	7.06868348	0.2752184	1	0.3313757	0.52790957	1	
AP1S1	-2.2886174	0.25400575	1	-4.9394169	3.07E-05	0.84742738	
AP1S2	-0.3798448	0.86270606	1	-2.0722035	6.02E-07	0.01661947	
AP1S3	0.33201657	0.81908362	1	1.41803446	0.42154953	1	
AP2A1	0.01792137	0.84798267	1	0.01528056	0.96057508	1	
AP2A2	0.20704604	0.24400656	1	0.86148656	0.02796833	1	
AP2B1	-0.1113784	0.9251111	1	0.09999099	0.87956601	1	
AP2M1	-0.559248	0.62614415	1	-1.4531063	0.00305801	1	
AP2S1	-0.3909571	0.46277583	1	-2.573629	0.00033492	1	
AP3B1	0.05558119	0.62506514	1	0.42020095	0.04764862	1	
AP3B2	0.27443917	1	1	1.26303441	1	1	
AP3D1	0.71528026	0.05560215	1	0.72073876	0.03583625	1	
AP3M1	-0.7728211	0.49530008	1	0.03101233	0.86639494	1	
AP3M2	0.27032308	0.899584	1	-0.2748532	0.9318152	1	
AP3S1	0.2932222	0.41078466	1	0.2948371	0.56157391	1	
AP3S2	0.28554911	0.78554078	1	0.39711062	0.5125489	1	
AP4B1	-0.6231469	0.10389513	1	0.16770672	0.31772948	1	
AP4E1	-0.1763311	0.81901241	1	0.1695144	0.45997341	1	
AP4M1	-0.6118571	0.56020917	1	0.31451521	0.6484425	1	
AP4S1	-4.7659425	0.00016771	1	-3.999086	0.00132712	1	
AP5B1	2.08785659	0.75355153	1	-0.6456677	0.49195798	1	
AP5M1	-1.4160462	0.06670501	1	-1.2947418	0.04368673	1	
AP5S1	1.18456342	0.50164502	1	1.82522499	0.60291269	1	
AP5Z1	-0.2634721	0.64970329	1	0.77355423	0.15985341	1	
APAF1	-0.4237245	0.92933633	1	-0.1418563	0.89686039	1	
APBA1	0.96431688	0.83770648	1	1.98535287	0.81809414	1	
APBA2	1.53037517	0.00351135	1	2.55912741	4.27E-06	0.1179288	
APBA3	-0.626136	0.37418384	1	-1.3104122	0.05391819	1	
APBB1	0.89489604	0.52580602	1	-0.8752981	0.39075058	1	
APBB2	0.12386207	0.90123605	1	0.72938503	0.32216484	1	
APBB3	-8.147587	0.19965135	1	-8.6124598	0.11188911	1	
APC	-0.4095274	0.33733861	1	-0.2353504	0.5538938	1	
APC2	-0.4198514	0.4226224	1	1.73083545	0.52223338	1	
APCDD1	-9.7744592	0.11486391	1	-8.360428	0.3629285	1	
APCDD1L	7.85628069	0.2752184	1	8.84487593	0.12281968	1	
APCS	0.27443917	1	1	1.26303441	1	1	
APEH	-1.0298217	0.37062913	1	-1.4714001	0.16678759	1	
APELA	0.27443917	1	1	1.26303441	1	1	
APEX1	1.08261466	0.92602633	1	-2.4731816	0.00431292	1	
APEX2	1.25536707	0.89260809	1	-0.1833625	0.17871933	1	
APH1A	-1.1732749	0.45920413	1	-2.226173	0.00556333	1	

APH1B	-1.1849111	0.59097491	1	-1.7320665	0.02612571	1
API5	0.25502618	0.90672306	1	0.44623727	0.53099776	1
APIP	0.73043506	0.32285857	1	0.4272206	0.79333796	1
APLF	-2.1543922	0.06130004	1	0.35856837	0.88397598	1
APLN	0.27443917	1	1	-6.1889573	0.52259551	1
APLP1	0.27443917	1	1	1.26303441	1	1
APLP2	-0.1810725	0.82819793	1	-0.5987068	0.05027064	1
APMAP	-0.2629082	0.99537266	1	-1.1708702	0.02427459	1
APOA1	0.27443917	1	1	1.26303441	1	1
APOA2	0.27443917	1	1	1.26303441	1	1
APOB	0.27443917	1	1	1.26303441	1	1
APOBEC1	0.27443917	1	1	1.26303441	1	1
APOBEC2	0.27443917	1	1	1.26303441	1	1
APOBEC3A	-5.7676125	0.36779564	1	-7.4996232	0.3629285	1
APOBEC3B	-8.1854989	0.36779564	1	1.26303441	1	1
APOBEC3C	-0.2055857	0.51376032	1	-0.3244276	0.27143769	1
APOBEC3D	-0.0875313	0.52434985	1	0.43861648	0.4651245	1
APOBEC3F	-1.9796572	0.04284043	1	-0.6373671	0.26706821	1
APOBEC3G	-0.7132521	0.49205134	1	-1.7172758	0.00390936	1
APOBEC3H	-0.3464784	0.35417775	1	-0.694822	0.05245156	1
APOBEC4	0.27443917	1	1	1.26303441	1	1
APOBR	1.37421638	0.00786566	1	1.00123079	0.20107507	1
APOC1	-1.5163791	0.00198738	1	-3.3298845	1.86E-32	5.14E-28
APOC2	-8.8554701	0.19965135	1	-11.631712	0.00084412	1
APOC3	0.27443917	1	1	1.26303441	1	1
APOC4	-2.8563473	0.00016612	1	-3.8215026	3.26E-09	9.01E-05
APOD	8.4577626	0.2752184	1	1.85174696	0.8783593	1
APOE	-1.3860234	8.17E-06	0.22536019	-3.0524941	2.48E-27	6.85E-23
APOH	0.27443917	1	1	1.26303441	1	1
APOL1	-5.7676125	0.36779564	1	-7.2784846	0.52259551	1
APOL2	-1.4138456	0.00269428	1	-0.6079719	0.13880154	1
APOL4	-8.8692408	0.19965135	1	-8.6405537	0.1958879	1
APOL5	0.00026189	0.56543557	1	-0.0464382	0.49296891	1
APOL6	-0.5523424	0.56539674	1	-0.5964198	0.12246098	1
APOLD1	0.27443917	1	1	1.26303441	1	1
APOM	8.63754896	0.12052946	1	0.13625956	0.6070784	1
APOO	2.09145911	0.49668398	1	-0.1903143	0.6162572	1
APOOL	0.18164214	0.12636146	1	-0.1312331	0.35312593	1
APP	-0.1302134	0.51805034	1	0.30644393	0.25591749	1
APPBP2	-0.0584075	0.65583233	1	0.27540727	0.13328695	1
APPL1	-0.2033116	0.97166203	1	-0.2349577	0.44760248	1
APPL2	0.18287251	0.73063222	1	0.68317363	0.27253555	1
APRT	1.15232634	0.10343171	1	-1.2260976	0.00029123	1

APTX	-0.1188372	0.94119578	1	-0.695644	0.24729535	1
AQP1	0.27443917	1	1	1.26303441	1	1
AQP11	-1.1954632	0.90231962	1	-2.9805579	0.13212689	1
AQP12A	0.27443917	1	1	1.26303441	1	1
AQP3	-0.6050349	0.68052236	1	-1.2681446	0.17618857	1
AQP4	0.27443917	1	1	1.26303441	1	1
AQP5	0.27443917	1	1	1.26303441	1	1
AQP6	0.27443917	1	1	1.26303441	1	1
AQP7	-6.3243319	0.36779564	1	-6.4281656	0.3629285	1
AQP8	0.98377278	0.45738523	1	9.69193166	0.02855238	1
AQP9	0.27443917	1	1	1.26303441	1	1
AQR	-0.550655	0.1428813	1	-0.0443292	0.9420652	1
AR	-2.4421187	0.67317602	1	8.78344388	0.12281968	1
ARAF	-1.2343913	0.42030088	1	-0.9693143	0.47234285	1
ARAP1	-0.0563769	0.6806367	1	-0.1363422	0.77150954	1
ARAP2	-0.73696	0.00804061	1	0.33043465	0.15197955	1
ARAP3	1.10197878	0.50721408	1	-0.7458392	0.69356842	1
ARCN1	-0.7737528	0.27069743	1	-0.7398658	0.06392336	1
AREG	0.27443917	1	1	1.26303441	1	1
AREL1	0.00420136	0.51694948	1	0.45791713	0.35840639	1
ARF1	-0.6281724	0.16155678	1	-1.0862034	0.00015593	1
ARF3	0.35046849	0.3466669	1	-0.7902067	0.23981389	1
ARF4	-0.6697127	0.20177186	1	-1.0466539	0.00087471	1
ARF5	-0.5981584	0.28349021	1	-2.3282703	9.36E-07	0.02581868
ARF6	-0.330463	0.77365597	1	-1.2682337	0.00041752	1
ARFGAP1	-0.8008238	0.8025791	1	-0.5009995	0.94768746	1
ARFGAP2	-1.7883289	0.03675805	1	-1.6903497	0.07268984	1
ARFGAP3	0.9459959	0.02849575	1	0.2339467	0.64799807	1
ARFGEF1	0.12113335	0.32299656	1	0.80999114	0.00016164	1
ARFGEF2	-0.4933673	0.18453835	1	-0.2180453	0.2780012	1
ARFGEF3	0.49575132	0.32902818	1	1.16088463	0.14897822	1
ARFIP1	-0.6494787	0.16853911	1	0.31536246	0.16552805	1
ARFIP2	0.11303012	0.82075644	1	-0.6302817	0.26409013	1
ARFRP1	-0.8121938	0.64101723	1	-0.9793629	0.27552075	1
ARG1	3.20235459	0.89260809	1	2.76541797	0.52223338	1
ARG2	0.74958269	0.77727287	1	0.89231424	0.46032607	1
ARGFX	0.27443917	1	1	1.26303441	1	1
ARGLU1	-0.2768191	0.50778095	1	-0.0323766	0.81647843	1
ARHGAP1	-0.5001159	0.61103895	1	0.02867707	0.76007181	1
ARHGAP10	0.25000369	0.18833935	1	0.63889147	0.020805	1
ARHGAP11A	-9.7892255	0.11486391	1	-9.0257193	0.1958879	1
ARHGAP12	-0.053592	0.75874754	1	0.18966091	0.23519825	1
ARHGAP15	-0.0367963	0.77115854	1	0.28445421	0.00390908	1

ARHGAP17	-0.5275907	0.74965591	1	-0.0763919	0.90703815	1
ARHGAP18	-0.4246846	0.38398337	1	-0.0294519	0.76258224	1
ARHGAP19	1.2788433	0.51437282	1	0.25722296	0.69151841	1
ARHGAP20	0.20370229	0.68156846	1	0.9570319	0.42698422	1
ARHGAP21	0.44211088	0.72944718	1	1.47604596	0.15009124	1
ARHGAP22	0.47558319	0.89260809	1	0.16458173	0.88397598	1
ARHGAP23	-5.3209596	0.36779564	1	-8.5032427	0.26373073	1
ARHGAP24	0.04090905	0.55511781	1	0.36023099	0.73759353	1
ARHGAP25	-0.2137632	0.85088044	1	-0.1431691	0.83959077	1
ARHGAP26	0.08446641	0.89825665	1	0.54647723	0.01136229	1
ARHGAP27	-0.5748857	0.5843596	1	0.0750357	0.87493467	1
ARHGAP28	0.27443917	1	1	1.26303441	1	1
ARHGAP29	0.27443917	1	1	-7.628318	0.26373073	1
ARHGAP30	0.16609441	0.51178639	1	-0.0017546	0.94377908	1
ARHGAP31	-0.4378314	0.56735438	1	0.26160802	0.73567949	1
ARHGAP32	-1.1091445	0.7253712	1	0.79197407	0.28764662	1
ARHGAP33	-1.6914022	0.67317602	1	3.8527876	0.52223338	1
ARHGAP35	0.27402707	0.1071108	1	0.67799061	0.01034717	1
ARHGAP36	0.27443917	1	1	1.26303441	1	1
ARHGAP39	-0.7562819	0.70685269	1	0.27411702	0.23894995	1
ARHGAP4	0.02187228	0.84576108	1	0.04416721	0.85561341	1
ARHGAP40	0.27443917	1	1	1.26303441	1	1
ARHGAP42	0.87618872	0.32290428	1	1.26408781	0.3331058	1
ARHGAP44	9.06207114	0.2752184	1	1.19173943	0.8783593	1
ARHGAP45	0.45070309	0.05873945	1	0.80306195	0.00105329	1
ARHGAP5	0.22329214	0.84896115	1	0.16136158	0.75332249	1
ARHGAP6	-0.2898101	0.93894737	1	0.59661647	0.0564143	1
ARHGAP8	0.23840589	0.78005262	1	-0.0583832	0.61447359	1
ARHGAP9	0.17301999	0.2804999	1	-0.4019882	0.53126928	1
ARHGDIA	0.19357336	0.2944823	1	-1.0328999	0.04469858	1
ARHGDIB	0.15973056	0.46416686	1	-1.3924269	4.35E-09	0.00011993
ARHGDIG	0.27443917	1	1	1.26303441	1	1
ARHGEF1	0.86535494	0.01330412	1	0.50948964	0.08669095	1
ARHGEF10	0.27443917	1	1	-7.0703151	0.52259551	1
ARHGEF10L	-9.2678181	0.06784723	1	-8.4799785	0.1958879	1
ARHGEF11	-0.4212114	0.93990124	1	2.33650511	0.01072944	1
ARHGEF12	-0.5665663	0.56952945	1	0.3182122	0.55339278	1
ARHGEF15	0.27443917	1	1	1.26303441	1	1
ARHGEF16	0.27443917	1	1	1.26303441	1	1
ARHGEF17	7.45795187	0.2752184	1	-1.2757233	0.64032309	1
ARHGEF18	0.5979665	0.01140313	1	1.17079357	0.00012856	1
ARHGEF19	0.02274441	0.53302764	1	-0.99794	0.33199616	1
ARHGEF2	0.01688732	0.39187317	1	-0.2050783	0.61901589	1

ARHGEF26	-7.0684566	0.36779564	1	-4.4025832	0.52259551	1
ARHGEF28	-0.5089735	0.36253683	1	0.71592031	0.19195809	1
ARHGEF3	-0.3492552	0.49910947	1	0.2304698	0.80544717	1
ARHGEF33	-2.1122876	0.01731856	1	-2.3868915	0.0023455	1
ARHGEF37	-8.8001049	0.11486391	1	-3.4115773	0.52259551	1
ARHGEF38	-7.5439455	0.36779564	1	-3.7413079	0.52259551	1
ARHGEF39	0.15171767	0.75281706	1	1.14588621	0.11394996	1
ARHGEF4	7.69335343	0.2752184	1	-1.2638966	0.8409801	1
ARHGEF40	-1.1069766	0.90231962	1	-1.3963765	0.64428388	1
ARHGEF5	10.0527627	0.05637677	1	3.51845733	0.04383553	1
ARHGEF6	-0.328777	0.70930873	1	0.02201309	0.62839616	1
ARHGEF7	0.66462136	0.01344693	1	1.21524124	9.62E-06	0.26535474
ARHGEF9	0.42264484	0.82075644	1	1.07962895	0.365771	1
ARID1A	-0.4054674	0.12998682	1	0.19083255	0.5798871	1
ARID1B	0.07626192	0.45128107	1	0.61369533	3.27E-06	0.0901526
ARID2	0.09950914	0.65917517	1	0.46081298	0.06939435	1
ARID3A	1.15734851	0.8024585	1	-0.3417414	0.6162572	1
ARID3B	0.93635462	0.10156011	1	0.82528356	0.08462333	1
ARID3C	0.27443917	1	1	-7.4509909	0.52259551	1
ARID4A	-0.5169733	0.19502511	1	-0.8363104	0.02179802	1
ARID4B	-0.3490995	0.09350209	1	-0.0498029	0.65180525	1
ARID5A	1.43563471	0.0111159	1	0.55141042	0.25959109	1
ARID5B	-0.7412294	0.00364365	1	0.36481852	0.51136378	1
ARIH1	-0.1961707	0.20234875	1	0.3935814	0.03334954	1
ARIH2	-0.0650962	0.70559954	1	0.25511477	0.18643658	1
ARIH2OS	-7.3858295	0.36779564	1	-7.0606364	0.52259551	1
ARL1	-1.0642303	0.36709546	1	-2.5250032	0.01158491	1
ARL10	0.76467122	0.35207728	1	1.83512207	0.01569613	1
ARL11	0.38453398	0.68789913	1	-1.7219912	0.03959075	1
ARL13A	0.27443917	1	1	1.26303441	1	1
ARL13B	0.54450323	0.9276043	1	0.443324	0.35181597	1
ARL14EP	-0.0397507	0.70678327	1	-1.3172309	0.05825266	1
ARL14EPL	-6.7100151	0.36779564	1	-8.4706884	0.26373073	1
ARL15	-0.3125224	0.46642511	1	0.09670285	0.91169082	1
ARL16	-1.4297982	0.54586113	1	-1.0526784	0.40815876	1
ARL2	-1.5395834	0.3038898	1	-2.327774	0.00136746	1
ARL2BP	-0.9604095	0.79263338	1	-1.0738688	0.03830519	1
ARL3	0.3241514	0.35427534	1	-0.2503459	0.20303398	1
ARL4A	-0.9518502	0.52174859	1	-1.6954735	0.13554934	1
ARL4C	0.06242583	0.73133199	1	-0.7310937	0.00095799	1
ARL4D	0.27443917	1	1	1.26303441	1	1
ARL5A	1.09529631	0.03168528	1	-0.2590687	0.38513543	1
ARL5B	0.5531853	0.34301225	1	-0.4163588	0.66524379	1

ARL5C	0.27443917	1	1	-7.2567285	0.52259551	1
ARL6	0.37615171	0.52867968	1	0.61211362	0.60387148	1
ARL6IP1	-1.204672	0.16667113	1	-1.5626651	0.00090464	1
ARL6IP4	0.19293825	0.87305827	1	-1.2378486	0.00121346	1
ARL6IP5	-0.0448237	0.80023507	1	-1.7662549	3.37E-09	9.30E-05
ARL6IP6	-0.2042996	0.97522874	1	-0.3212101	0.32783216	1
ARL8A	-0.9570719	0.68901668	1	0.0257024	0.80692907	1
ARL8B	0.21146578	0.81119581	1	0.05171956	0.88632677	1
ARL9	-8.9607651	0.19965135	1	-7.3413289	0.52259551	1
ARMC1	1.64149178	0.13568869	1	0.32991503	0.94625888	1
ARMC10	-0.6755904	0.29632705	1	-1.5381482	0.14382672	1
ARMC12	7.85956673	0.2752184	1	1.70803751	0.52223338	1
ARMC2	-0.1755195	0.77924611	1	0.13341676	0.93419024	1
ARMC3	-10.32591	0.11486391	1	-7.7973634	0.3629285	1
ARMC4	-7.341168	0.36779564	1	-7.1798314	0.52259551	1
ARMC5	0.68265095	0.09383838	1	0.14906157	0.48091271	1
ARMC6	-7.3470403	0.19965135	1	-9.3340091	0.06553217	1
ARMC7	-0.2084418	0.96422301	1	0.30539944	0.66270082	1
ARMC8	0.11821671	0.51063613	1	1.21576439	0.00012254	1
ARMC9	0.69987682	0.88929489	1	0.64604729	0.7601405	1
ARMCX1	-0.7290181	0.80862687	1	-1.5214229	0.25097262	1
ARMCX2	-2.5978926	0.40765452	1	-1.5447652	0.22537795	1
ARMCX3	-0.798475	0.33757333	1	-0.7088752	0.20128649	1
ARMCX4	1.2759427	0.15974029	1	-0.4350863	0.76458351	1
ARMCX5	0.08603803	0.52473907	1	-1.0249609	0.21874419	1
ARMH1	7.93127281	0.12052946	1	0.07297106	0.6070784	1
ARMH2	0.88503816	0.76775801	1	0.69330819	0.46032607	1
ARMH3	-0.0876395	0.59477219	1	0.09918647	0.49178616	1
ARMH4	0.27443917	1	1	-7.4088343	0.3629285	1
ARMS2	0.27443917	1	1	1.26303441	1	1
ARMT1	-0.8659739	0.80862687	1	-0.9630697	0.62771855	1
ARNT	-1.0504758	0.10282286	1	-0.6852924	0.12703562	1
ARNT2	0.27443917	1	1	-6.3963676	0.52259551	1
ARNTL	0.18998447	0.27779783	1	0.9449907	0.00042731	1
ARNTL2	-1.1659105	0.68052236	1	-1.2408186	0.29106049	1
ARPC1A	-0.4054757	0.3216873	1	-0.1340407	0.28468162	1
ARPC1B	-0.4290648	0.34654118	1	-1.8095734	9.17E-13	2.53E-08
ARPC2	0.24282798	0.36442436	1	-0.6598449	3.01E-05	0.83111003
ARPC3	-0.2350048	0.80559697	1	-1.8771037	2.14E-11	5.90E-07
ARPC4	-1.1079896	0.10584029	1	-1.6983394	0.00030852	1
ARPC5	0.33023672	0.57433026	1	-1.4483483	2.12E-06	0.05860392
ARPC5L	0.38278731	0.6916296	1	-0.215252	0.17966371	1
ARPIN	0.27443917	1	1	-7.1649345	0.52259551	1

ARPP19	-0.2211518	0.3650505	1	-0.1741615	0.21758211	1
ARPP21	0.27443917	1	1	1.26303441	1	1
ARR3	0.27443917	1	1	1.26303441	1	1
ARRB1	-0.0235082	0.73929617	1	-0.0871276	0.38972756	1
ARRB2	0.01930676	0.76069954	1	-0.4334134	0.20806	1
ARRDC1	0.81574326	1	1	-1.1156647	0.13073326	1
ARRDC2	0.75013004	0.01515793	1	0.94366446	0.02573408	1
ARRDC3	0.02240072	0.88400983	1	0.18101079	0.84366399	1
ARRDC4	0.92002341	0.89260809	1	4.73356298	0.52223338	1
ARRDC5	0.17703356	0.68789913	1	0.67703368	0.65223573	1
ARSA	-0.1231913	0.66794153	1	0.00381367	0.7924009	1
ARSB	-0.7711231	0.10287191	1	0.08442887	0.5906058	1
ARSD	0.54034932	0.68789913	1	-1.7767665	0.13603278	1
ARSE	0.27443917	1	1	1.26303441	1	1
ARSF	0.27443917	1	1	1.26303441	1	1
ARSG	-0.2210625	0.54597126	1	0.10525099	0.48887776	1
ARSH	0.27443917	1	1	1.26303441	1	1
ARSI	0.27443917	1	1	1.26303441	1	1
ARSJ	0.27443917	1	1	1.26303441	1	1
ARSK	-0.1524868	0.66342316	1	-0.3726823	0.72794611	1
ART1	0.27443917	1	1	1.26303441	1	1
ART3	-8.0178825	0.36779564	1	-6.4366573	0.3629285	1
ART4	0.27443917	1	1	1.26303441	1	1
ART5	0.27443917	1	1	1.26303441	1	1
ARTN	0.27443917	1	1	1.26303441	1	1
ARV1	0.24238567	0.91549579	1	0.68576035	0.90274786	1
ARVCF	0.84541115	0.50663218	1	-0.3066843	0.81806389	1
ARX	0.27443917	1	1	1.26303441	1	1
AS3MT	-1.1507639	0.68052236	1	2.8060462	0.52223338	1
ASAH1	-0.5860799	0.13391797	1	-1.3879781	1.76E-05	0.486949
ASAH2	-6.7566235	0.36779564	1	1.26303441	1	1
ASAP1	-0.226653	0.39627131	1	0.04381291	0.98284914	1
ASAP2	-0.6718777	0.68052236	1	-1.7143237	0.28706691	1
ASAP3	7.53880401	0.2752184	1	1.41862556	0.52223338	1
ASB1	-0.1312164	0.56068802	1	0.26428418	0.65977311	1
ASB11	0.27443917	1	1	-8.4941944	0.26373073	1
ASB12	0.27443917	1	1	1.26303441	1	1
ASB13	0.27443917	1	1	-7.9636546	0.1958879	1
ASB14	-0.6197573	0.85135027	1	-0.7932771	0.62478132	1
ASB15	-9.8563596	0.11486391	1	-6.9780756	0.3629285	1
ASB16	1.35260203	0.45132853	1	0.73409611	0.82595901	1
ASB17	0.27443917	1	1	1.26303441	1	1
ASB18	0.27443917	1	1	1.26303441	1	1

ASB2	-2.7522307	0.13484575	1	-2.7112776	0.13188949	1
ASB3	-0.5179864	0.76573186	1	-0.5790974	0.55968647	1
ASB4	0.27443917	1	1	1.26303441	1	1
ASB5	0.27443917	1	1	1.26303441	1	1
ASB6	1.92664795	0.22904601	1	-0.937909	0.3454542	1
ASB7	0.377821	0.77727287	1	-0.3654517	0.58927936	1
ASB8	1.40219886	0.14383563	1	0.2004534	0.91640471	1
ASB9	0.27443917	1	1	1.26303441	1	1
ASCC1	0.16911238	0.22281866	1	0.56808986	0.10327975	1
ASCC2	-0.1474726	0.66071369	1	-0.3175616	0.45291683	1
ASCC3	-0.3827	0.10437517	1	0.01100196	0.77604522	1
ASCL2	7.69213392	0.2752184	1	2.03870853	0.52223338	1
ASCL3	0.27443917	1	1	1.26303441	1	1
ASCL4	0.27443917	1	1	1.26303441	1	1
ASF1A	-1.685171	0.25400575	1	-3.8586558	0.00371278	1
ASF1B	-0.331	0.80862687	1	-0.6023927	0.41458078	1
ASGR1	0.27443917	1	1	1.26303441	1	1
ASGR2	0.27443917	1	1	1.26303441	1	1
ASH1L	-0.0946567	0.87395232	1	0.47135093	0.00019889	1
ASH2L	-0.5207009	0.26148289	1	0.46879417	0.27076909	1
ASIC1	0.27443917	1	1	1.26303441	1	1
ASIC2	1.68285671	0.18431525	1	1.04183413	0.2544547	1
ASIC3	0.27443917	1	1	1.26303441	1	1
ASIC4	0.27443917	1	1	1.26303441	1	1
ASIP	-1.8867673	0.90231962	1	-1.7345375	0.64428388	1
ASL	-0.2283144	0.33334525	1	-0.3535743	0.76741621	1
ASMT	8.42076024	0.2752184	1	9.40935548	0.12281968	1
ASMTL	-0.019272	0.79002376	1	1.2093505	0.56824732	1
ASNA1	-1.1889378	0.86831791	1	-1.6513214	0.06101921	1
ASNS	-0.4624083	0.94847897	1	0.26164099	0.96662993	1
ASNSD1	-0.8878806	0.58756058	1	-1.7834303	0.02417452	1
ASPA	0.27443917	1	1	1.26303441	1	1
ASPG	0.27443917	1	1	1.26303441	1	1
ASPH	0.72023013	0.00343145	1	0.78217992	0.03402272	1
ASPHD1	0.27443917	1	1	-5.7242997	0.52259551	1
ASPHD2	8.80844759	0.12052946	1	-0.1117044	0.96262077	1
ASPM	0.27443917	1	1	-6.4634738	0.52259551	1
ASPN	0.27443917	1	1	-6.475022	0.52259551	1
ASPRV1	8.31177523	0.2752184	1	9.30037047	0.12281968	1
ASPSCR1	-0.58673	0.30623273	1	-0.3192814	0.71117361	1
ASRGL1	-8.0902342	0.36779564	1	-8.3189023	0.1958879	1
ASS1	-6.8152308	0.36779564	1	1.26303441	1	1
ASTE1	1.36051255	0.51059068	1	0.13581414	0.51082306	1

ASTL	0.27443917	1	1	-7.0693905	0.52259551	1
ASTN1	0.27443917	1	1	1.26303441	1	1
ASTN2	-0.2422096	0.85818915	1	2.07650177	0.15660079	1
ASXL1	-0.2453245	0.42212945	1	-0.2233797	0.77617456	1
ASXL2	-0.092139	0.57319231	1	0.33245093	0.05533762	1
ASXL3	0.50348629	0.89260809	1	0.52505826	0.52790957	1
ASZ1	0.27443917	1	1	1.26303441	1	1
ATAD1	-0.2742554	0.56183756	1	-0.1235108	0.68989514	1
ATAD2	-0.1102372	0.47991308	1	0.21141295	0.6298377	1
ATAD2B	-0.0890419	0.16710591	1	0.46735737	0.08583275	1
ATAD5	0.95825324	0.35933105	1	1.30868175	0.28003378	1
ATAT1	-0.9301069	0.6185353	1	-0.0523663	0.6126259	1
ATCAY	0.27443917	1	1	1.26303441	1	1
ATE1	-0.0272597	0.72271896	1	0.25894302	0.45347091	1
ATF1	0.01828251	0.5529698	1	0.48358774	0.14182016	1
ATF2	-0.4125879	0.18248837	1	-0.0795213	0.5988258	1
ATF3	0.60743572	0.63513736	1	-0.1189577	0.40282258	1
ATF4	-0.7814096	0.20826984	1	-1.4469782	2.46E-05	0.67778513
ATF5	-9.8019931	0.11486391	1	-9.7696164	0.05042498	1
ATF6	0.42705946	0.26245833	1	0.48621742	0.25946818	1
ATF6B	-0.3964517	0.65214996	1	0.15845144	0.39011671	1
ATF7	-0.205155	0.74106156	1	0.00532446	0.95622856	1
ATF7IP	-0.480498	0.12890951	1	0.02400181	0.8208074	1
ATF7IP2	0.18752165	0.96145366	1	0.12785959	0.74000549	1
ATG10	0.32140007	0.95992163	1	1.48062823	0.14452895	1
ATG101	0.49508377	0.38223557	1	-0.6892046	0.07160279	1
ATG12	-1.1271004	0.04148082	1	-1.9008108	4.42E-05	1
ATG13	-0.2626175	0.82201711	1	-0.3605407	0.46900045	1
ATG14	-0.5148316	0.19958535	1	-0.2218521	0.39091419	1
ATG16L1	-0.473428	0.26429921	1	0.0385599	0.64332539	1
ATG16L2	0.21210107	0.35934345	1	-1.533016	0.16834741	1
ATG2A	1.62613884	0.04840965	1	0.68599606	0.2052197	1
ATG2B	0.12505059	0.53771372	1	0.65236366	0.16601366	1
ATG3	-0.9660956	0.21750909	1	-0.681071	0.06638218	1
ATG4A	-0.2613844	0.37567558	1	0.56579554	0.20974695	1
ATG4B	-1.0243585	0.31026838	1	-0.7781408	0.19950962	1
ATG4C	0.1982185	0.71965391	1	-0.0547404	0.54254355	1
ATG4D	-3.2925349	0.01388417	1	-2.3457871	0.17120737	1
ATG5	-0.3398234	0.25733298	1	0.20600467	0.53622737	1
ATG7	0.21342762	0.72622342	1	0.50134629	0.41389147	1
ATG9A	3.22036922	0.45132853	1	-1.0143532	0.32773255	1
ATG9B	-5.7150445	0.36779564	1	-7.4368917	0.3629285	1
ATIC	-1.2753722	0.08333582	1	-1.927035	0.0037832	1

ATL1	-8.5807632	0.36779564	1	-8.4512113	0.3629285	1	
ATL2	-0.1662754	0.78780547	1	0.04386531	0.87435735	1	
ATL3	0.06465237	0.98987508	1	0.40651757	0.73135264	1	
ATM	0.26061287	0.16801639	1	0.23729817	0.21761277	1	
ATMIN	-0.689357	0.2572727	1	-0.7220458	0.23017163	1	
ATN1	-0.9990917	0.56503214	1	-0.6796543	0.78042456	1	
ATOH8	0.27443917	1	1	1.26303441	1	1	
ATOX1	-0.850177	0.29038473	1	-1.9148383	4.96E-05	1	
ATP10A	0.02150743	0.3873944	1	0.49806443	0.00047192	1	
ATP10B	-1.5934117	0.41260835	1	-0.4436879	0.84581067	1	
ATP10D	-0.1718966	0.62474543	1	0.28680673	0.73799785	1	
ATP11A	0.39059822	0.08389817	1	0.58590859	0.04488428	1	
ATP11AUN	0.27443917	1	1	1.26303441	1	1	
ATP11B	-0.2375014	0.70961488	1	0.40587265	0.0942627	1	
ATP11C	-0.6606786	0.52453186	1	0.00308639	0.54569653	1	
ATP12A	-7.579236	0.36779564	1	1.26303441	1	1	
ATP13A1	-0.4619782	0.49275359	1	0.46877482	0.5128476	1	
ATP13A2	-1.256809	0.08374715	1	-0.1287571	0.56426499	1	
ATP13A3	-0.4554174	0.99786757	1	-0.0604799	0.76533628	1	
ATP13A4	-8.449266	0.36779564	1	-7.7310527	0.52259551	1	
ATP13A5	0.27443917	1	1	1.26303441	1	1	
ATP1A1	-0.0968115	0.45023045	1	-0.0867908	0.09371667	1	
ATP1A2	0.27443917	1	1	1.26303441	1	1	
ATP1A3	0.27443917	1	1	1.26303441	1	1	
ATP1A4	-7.8239868	0.36779564	1	1.26303441	1	1	
ATP1B1	-9.8913602	0.06784723	1	-9.4959073	0.06553217	1	
ATP1B2	0.27443917	1	1	1.26303441	1	1	
ATP1B3	0.59622329	0.07310831	1	-0.5647337	0.06103279	1	
ATP1B4	0.27443917	1	1	1.26303441	1	1	
ATP23	-0.4425997	0.56020917	1	-1.59955	0.05218384	1	
ATP2A1	-3.4375426	0.40765452	1	0.17688491	0.52790957	1	
ATP2A2	-0.3227436	0.4055476	1	0.32140196	0.37272355	1	
ATP2A3	-0.2570552	0.49178738	1	0.04452808	0.94613898	1	
ATP2B1	0.27022871	0.11340273	1	0.58172352	0.00562402	1	
ATP2B2	0.27443917	1	1	1.26303441	1	1	
ATP2B3	0.27443917	1	1	1.26303441	1	1	
ATP2B4	-0.3339393	0.42186816	1	-0.083787	0.80481819	1	
ATP2C1	-0.5148454	0.40478775	1	-0.1996017	0.71956875	1	
ATP2C2	-1.0724873	0.90231962	1	8.28078139	0.12281968	1	
ATP4A	0.27443917	1	1	-7.1600031	0.52259551	1	
ATP4B	0.27443917	1	1	1.26303441	1	1	
ATP5F1A	0.23849257	0.59402996	1	-1.1067623	3.25E-05	0.89631075	
ATP5F1B	-1.6037398	0.01765052	1	-2.3643904	5.49E-06	0.15151547	

ATP5F1C	0.2145392	0.90147414	1	-0.8331284	0.01614512	1
ATP5F1D	-0.861767	0.29264609	1	-2.5904847	4.13E-11	1.14E-06
ATP5F1E	-0.6479424	0.44362328	1	-2.2821257	8.09E-15	2.23E-10
ATP5IF1	-0.292471	0.73439021	1	-2.8534506	8.73E-07	0.0240921
ATP5MC1	-0.5452175	0.56448754	1	-1.6618661	0.00355692	1
ATP5MC2	-0.5405382	0.21841454	1	-2.0672925	9.06E-09	0.00024993
ATP5MC3	-0.2477039	0.59346468	1	-1.9927827	1.33E-05	0.36746139
ATP5MD	-0.7803063	0.42030088	1	-2.1700347	1.89E-05	0.52121241
ATP5ME	-0.9462795	0.60956541	1	-2.5828585	2.89E-06	0.07981792
ATP5MF	1.40343921	0.08218703	1	-1.8858608	5.48E-05	1
ATP5MG	-1.3047219	0.06564389	1	-3.191565	8.13E-18	2.24E-13
ATP5MPL	-0.6333107	0.49260643	1	-2.3757178	7.15E-09	0.00019736
ATP5PB	-0.7880642	0.28226215	1	-2.0348921	0.00027599	1
ATP5PD	-0.2913509	0.61875448	1	-1.7197687	0.00010013	1
ATP5PF	-0.8144449	0.19248685	1	-2.4679948	6.20E-08	0.00171049
ATP5PO	0.17359234	0.91161168	1	-1.686194	6.11E-06	0.16856469
ATP6AP1	-2.6542476	0.0165051	1	-3.4166619	0.00039128	1
ATP6AP1L	8.25788691	0.2752184	1	2.68682196	0.8783593	1
ATP6AP2	-1.3992694	0.54078818	1	-2.0572044	0.00253971	1
ATP6V0A1	-1.8628823	0.14586394	1	-1.6943323	0.09067947	1
ATP6V0A2	0.38329033	0.37228552	1	0.26635309	0.26621967	1
ATP6V0A4	0.27443917	1	1	-7.6835101	0.3629285	1
ATP6V0B	0.21476844	0.51217079	1	-1.5146687	0.00041021	1
ATP6V0C	-0.5779805	0.28640848	1	-1.89919	1.22E-09	3.36E-05
ATP6V0D1	-0.3211929	0.67783574	1	-0.1985169	0.5239833	1
ATP6V0D2	0.27443917	1	1	1.26303441	1	1
ATP6V0E1	-0.5072917	0.24492769	1	-1.731558	9.80E-08	0.00270435
ATP6V1A	-0.5708943	0.21495895	1	-0.9601795	0.02477097	1
ATP6V1B1	0.27443917	1	1	1.26303441	1	1
ATP6V1B2	0.28560057	0.39779611	1	-0.8122476	0.20363873	1
ATP6V1C1	1.33477983	0.02782952	1	0.78008397	0.19551849	1
ATP6V1C2	0.27443917	1	1	-7.8026243	0.3629285	1
ATP6V1D	-0.8011513	0.14261582	1	-0.6953422	0.13868999	1
ATP6V1E1	0.51094047	0.15876778	1	0.21203611	0.57669791	1
ATP6V1E2	0.27443917	1	1	1.26303441	1	1
ATP6V1F	-1.6012645	0.04704973	1	-3.0429242	6.77E-10	1.87E-05
ATP6V1FNB	0.27443917	1	1	1.26303441	1	1
ATP6V1G1	-0.521795	0.43933774	1	-1.5416361	0.00108264	1
ATP6V1G2	0.27443917	1	1	1.26303441	1	1
ATP6V1G3	0.27443917	1	1	-6.3885916	0.52259551	1
ATP6V1H	-0.4004046	0.36596093	1	0.34352002	0.69792133	1
ATP7A	-0.9656578	0.26250156	1	-0.5500669	0.70445551	1
ATP7B	-8.0151886	0.36779564	1	-9.2454	0.11188911	1

ATP8A1	0.32436447	0.53336291	1	0.33946526	0.20616193	1
ATP8A2	0.27443917	1	1	1.26303441	1	1
ATP8B1	0.00220253	0.23586417	1	0.46471341	0.04581003	1
ATP8B2	0.28898732	0.85939692	1	0.7571158	0.31290954	1
ATP8B3	-0.7195907	0.55540624	1	9.52947192	0.02855238	1
ATP8B4	-0.2578436	0.66795986	1	0.27373883	0.96099595	1
ATP9A	-3.6831017	0.40765452	1	-2.2425724	0.8409801	1
ATP9B	-0.2917139	0.80846876	1	0.73401701	0.00172025	1
ATPAF1	-1.1786645	0.52537988	1	-1.8043867	0.06216891	1
ATPAF2	-0.9601434	0.27529673	1	-0.1026897	0.56187216	1
ATPSCKMT	-8.3411401	0.36779564	1	-8.7152013	0.1958879	1
ATR	0.16161735	0.45006485	1	0.53731532	0.06616045	1
ATRAID	0.27449223	0.68156846	1	-2.5112471	0.0069737	1
ATRIP	1.70788039	0.20685767	1	2.29195296	0.0091967	1
ATRN	0.3716154	0.56105936	1	0.4965527	0.35338045	1
ATRNL1	1.5995609	0.45738523	1	1.29239177	0.365771	1
ATRX	-0.3752223	0.19985034	1	0.0515251	0.56848765	1
ATXN1	-0.3191332	0.05479137	1	0.08979042	0.80315758	1
ATXN10	-0.5687189	0.10107477	1	0.02913886	0.91972744	1
ATXN1L	0.1346367	0.91920942	1	0.11038809	0.91259838	1
ATXN2	-0.0357238	0.89183803	1	0.19783237	0.20115714	1
ATXN2L	0.20219614	0.60428917	1	0.03244297	0.94078425	1
ATXN3	0.08763449	0.79878353	1	-0.0463936	0.62677854	1
ATXN7	-0.1268203	0.81347505	1	0.47229239	0.02925914	1
ATXN7L1	-0.566349	0.42253175	1	0.33760387	0.91676674	1
ATXN7L2	-0.2165979	0.68052236	1	0.89764451	0.88397598	1
ATXN7L3	-1.21736	0.44329274	1	-0.3716277	0.89633501	1
ATXN7L3B	-0.7457794	0.59260925	1	-1.0499862	0.02456525	1
AUH	-0.1017804	0.6972697	1	0.46796084	0.60285324	1
AUNIP	0.99524621	0.28849851	1	0.72367796	0.32390736	1
AUP1	-0.82839	0.39389314	1	-1.9995537	0.00312004	1
AURKA	0.27443917	1	1	-5.9389008	0.3629285	1
AURKAIP1	-0.9820965	0.63487601	1	-2.1031685	0.00284845	1
AURKB	-1.040503	0.68052236	1	-2.3432218	0.2190979	1
AURKC	-8.1649368	0.36779564	1	-4.2369282	0.52259551	1
AUTS2	0.82157633	0.05655166	1	0.72548511	0.08029132	1
AVEN	-0.3860823	0.88516689	1	0.13857154	0.73925835	1
AVIL	-1.6946148	0.36609353	1	-1.3177136	0.95574652	1
AVL9	0.20537908	0.53753001	1	1.16276152	0.00025298	1
AVP	2.48335168	0.89260809	1	1.67496345	0.52223338	1
AVPI1	8.38627362	0.2752184	1	-1.8554309	0.0825889	1
AVPR1B	0.27443917	1	1	1.26303441	1	1
AVPR2	0.27443917	1	1	1.26303441	1	1

AWAT1	0.27443917	1	1	1.26303441	1	1
AWAT2	10.3058248	0.05637677	1	2.11956583	0.25857517	1
AXDND1	-0.3465718	0.68052236	1	-1.2411045	0.64428388	1
AXIN1	0.94395874	0.03364787	1	1.19307129	0.0033365	1
AXIN2	-0.7520782	0.90231962	1	1.02436765	0.52790957	1
AXL	-9.2738626	0.06784723	1	-9.7168618	0.08544191	1
AZGP1	0.27443917	1	1	1.26303441	1	1
AZI2	-0.9197268	0.72847364	1	-0.1020675	0.98041287	1
AZIN1	-0.0558615	0.9978197	1	-0.2284566	0.58526092	1
AZIN2	-9.5317147	0.19965135	1	-3.4307288	0.52259551	1
AZU1	7.67733933	0.2752184	1	8.66593457	0.12281968	1
B2M	-0.9152253	9.85E-08	0.00271719	-2.2275678	1.04E-30	2.87E-26
B3GALNT1	-0.4433656	0.82847295	1	0.35883472	0.59560582	1
B3GALNT2	0.6179609	0.49615687	1	0.57559891	0.408698	1
B3GALT1	-0.0961886	0.90231962	1	-0.3585596	0.88397598	1
B3GALT2	-7.4529774	0.36779564	1	1.26303441	1	1
B3GALT4	-0.581917	0.90231962	1	-1.55872	0.37701669	1
B3GALT5	0.27443917	1	1	1.26303441	1	1
B3GALT6	-0.9459731	0.86503869	1	-1.502037	0.25529363	1
B3GAT2	-0.7028262	0.8210583	1	0.18867905	0.94258899	1
B3GAT3	0.57033497	0.35823471	1	-0.8744754	0.0485544	1
B3GLCT	0.26948161	0.82678842	1	-0.5818174	0.0579064	1
B3GNT2	0.69054138	0.04309988	1	0.91628469	0.0405223	1
B3GNT3	0.27443917	1	1	1.26303441	1	1
B3GNT4	0.27443917	1	1	-7.2504227	0.52259551	1
B3GNT5	0.30592987	0.68789913	1	-2.519608	0.03781715	1
B3GNT6	0.27443917	1	1	1.26303441	1	1
B3GNT7	-1.3976282	0.55540624	1	-1.4103633	0.1618761	1
B3GNT8	0.27443917	1	1	-4.3928505	0.3629285	1
B3GNT9	0.27443917	1	1	-6.3854357	0.52259551	1
B3GNTL1	-0.3798665	0.42510087	1	0.02297585	0.85153997	1
B4GALNT1	0.27443917	1	1	1.26303441	1	1
B4GALNT2	-8.3316009	0.36779564	1	-6.3046544	0.52259551	1
B4GALNT3	-9.2261256	0.19965135	1	1.26303441	1	1
B4GALT1	0.23920369	0.58244611	1	-0.2154551	0.39244962	1
B4GALT2	0.27443917	1	1	-5.5808148	0.52259551	1
B4GALT3	-1.654351	0.41260835	1	-2.7578963	0.03781715	1
B4GALT4	8.05743846	0.2752184	1	-0.7718088	0.49338433	1
B4GALT5	-0.6506653	0.19878958	1	-0.4748688	0.63003806	1
B4GALT6	0.27443917	1	1	1.26303441	1	1
B4GALT7	0.78513084	0.4634873	1	-1.4348691	0.08485422	1
B4GAT1	7.66031053	0.2752184	1	0.55905815	0.88397598	1
B9D1	1.64533322	0.89260809	1	-0.2759805	0.64825479	1

B9D2	-0.6425768	0.91023596	1	-1.3374317	0.18036025	1	
BAALC	0.27443917	1	1	-8.1832635	0.26373073	1	
BAAT	-0.6732688	0.68052236	1	8.96107412	0.12281968	1	
BABAM1	-0.4485444	0.48708856	1	-1.0227423	0.04309284	1	
BABAM2	-0.8779357	0.00621724	1	-0.0402079	0.57424425	1	
BACE1	-1.2885665	0.36881557	1	-1.3336534	0.13203422	1	
BACE2	1.37541197	0.45738523	1	0.04763893	0.83384139	1	
BACH1	0.74312591	0.17626903	1	0.78455854	0.12827544	1	
BACH2	0.30178681	0.08911258	1	1.12124403	7.88E-06	0.21734595	
BAD	1.11739246	0.89260809	1	-1.9854981	0.10515972	1	
BAG1	-1.0146537	0.41635063	1	-1.4085429	0.0156749	1	
BAG2	0.02811034	0.54420054	1	-0.9493415	0.22969532	1	
BAG3	-4.0648281	0.09208856	1	-3.3597648	0.2190979	1	
BAG4	0.14601064	0.74424146	1	0.29136498	0.80692907	1	
BAG5	1.02240257	0.16185581	1	0.72938775	0.28315114	1	
BAG6	-0.2333767	0.53255755	1	-1.3857901	0.00628487	1	
BAHCC1	0.45812073	0.50663218	1	3.11287396	0.12766079	1	
BAHD1	-0.3600433	0.35408337	1	-0.238583	0.34992551	1	
BAIAP2	0.8465829	0.84452255	1	1.0208211	0.80071202	1	
BAIAP2L1	-2.2771898	0.15491715	1	-0.7504135	0.85064705	1	
BAIAP2L2	-0.2496144	0.23586417	1	3.31231713	0.04383553	1	
BAIAP3	0.424493	0.33522687	1	1.96288033	0.03724566	1	
BAK1	-1.4490316	0.79654313	1	-1.9163657	0.15994236	1	
BAMBI	-7.3858295	0.36779564	1	-9.2774137	0.06553217	1	
BANF1	-1.4048588	0.06913525	1	-3.1031814	2.92E-11	8.06E-07	
BANF2	0.27443917	1	1	1.26303441	1	1	
BANK1	-0.3422252	0.18820296	1	0.82899171	0.18851386	1	
BANP	0.44432076	0.19245562	1	0.71218877	0.00787394	1	
BAP1	1.16436398	0.22179613	1	0.78504976	0.51840038	1	
BARD1	-0.2999633	0.10873897	1	1.07144789	0.585644	1	
BARHL1	0.27443917	1	1	1.26303441	1	1	
BARX1	0.27443917	1	1	1.26303441	1	1	
BARX2	8.05743846	0.2752184	1	9.04603369	0.12281968	1	
BASP1	-2.1095393	0.23874614	1	-3.6485528	0.00295108	1	
BATF	-0.3173752	0.77868618	1	-0.7739925	0.26396649	1	
BATF2	-1.8163805	0.79654313	1	0.43394155	0.37235208	1	
BATF3	-0.8634319	0.54292843	1	-1.3222043	0.05490501	1	
BAX	-1.6278197	0.15744583	1	-2.7315923	3.03E-05	0.83576563	
BAZ1A	-0.4140651	0.26587663	1	-0.0095134	0.96274926	1	
BAZ1B	0.18334656	0.06177039	1	0.55861988	0.01968202	1	
BAZ2A	-0.1496967	0.6903295	1	0.43230685	0.22998368	1	
BAZ2B	-0.371263	0.49648974	1	0.09866665	0.43296018	1	
BBC3	0.40529693	0.73731576	1	-0.3709048	0.26500785	1	

BBIP1	-2.444914	0.02583614	1	-3.6567414	4.73E-05	1
BBOF1	-1.3530715	0.54586113	1	-0.9509779	0.16778319	1
BBOX1	0.27443917	1	1	1.26303441	1	1
BBS1	0.54177004	0.33211818	1	0.93553488	0.34218684	1
BBS10	-1.8234569	0.67317602	1	8.49087321	0.12281968	1
BBS12	3.51361656	0.22569004	1	-0.0459001	0.87601069	1
BBS2	-1.5142981	0.68052236	1	-0.0614837	0.85064705	1
BBS4	-0.4969588	0.97057789	1	0.08188391	0.9146963	1
BBS5	1.90273528	0.45132853	1	-0.0836004	0.84174049	1
BBS7	-0.645674	0.18103844	1	0.19516525	0.6683453	1
BBS9	0.09918117	0.70361337	1	0.43725913	0.13932117	1
BBX	0.00945583	0.75354125	1	0.42592065	0.09202227	1
BCAM	0.27443917	1	1	1.26303441	1	1
BCAN	0.27443917	1	1	1.26303441	1	1
BCAP29	-0.0299518	0.55366022	1	-0.5672366	0.32060914	1
BCAP31	-1.4883417	0.07691743	1	-1.9430043	0.00174786	1
BCAR1	7.71028999	0.2752184	1	8.69888523	0.12281968	1
BCAR3	-0.0631455	0.82075644	1	-0.2030634	0.21871196	1
BCAS1	-0.3114056	0.90231962	1	0.74828319	0.52790957	1
BCAS2	-0.3597879	0.48297252	1	-1.0531045	0.03691336	1
BCAS3	0.28686259	0.1111187	1	0.38163936	0.12147076	1
BCAS4	-1.9316546	0.0424998	1	-1.1704033	0.18272466	1
BCAT1	-0.1892002	0.98389537	1	-0.6622266	0.68996099	1
BCAT2	0.92262591	0.29504147	1	0.39743054	0.60912576	1
BCCIP	0.39124955	0.4975351	1	-0.4879095	0.16194601	1
BCDIN3D	1.04863595	0.33533975	1	0.69159628	0.27450786	1
BCHE	-8.8695198	0.19965135	1	-6.2735797	0.52259551	1
BCKDHA	1.79329487	0.28205408	1	-0.2100604	0.26415209	1
BCKDHB	1.26761412	0.03269605	1	0.67762029	0.28010574	1
BCKDK	-10.046761	0.04066178	1	-10.080736	0.00839699	1
BCL10	-2.8421564	0.06030741	1	-2.8157548	0.00417852	1
BCL11A	-0.5219956	0.68052236	1	0.17124463	0.88397598	1
BCL11B	0.73743202	0.07684429	1	-0.0646602	0.44857311	1
BCL2	-0.4348754	0.03688125	1	0.44014243	0.2126717	1
BCL2A1	-1.0322332	0.24880431	1	-3.3118394	2.61E-06	0.07209461
BCL2L1	-0.1729341	0.58540325	1	-0.0291484	0.50011159	1
BCL2L10	0.27443917	1	1	1.26303441	1	1
BCL2L11	-0.5074649	0.39626277	1	0.09035298	0.94995091	1
BCL2L12	0.97582009	0.4634873	1	-1.7141074	0.25384758	1
BCL2L13	-0.3492747	0.38440962	1	0.2583587	0.90814585	1
BCL2L14	8.95038469	0.2752184	1	1.09875661	0.85548905	1
BCL2L15	0.27443917	1	1	1.26303441	1	1
BCL3	-0.0891989	0.80120371	1	-0.4371889	0.69588778	1

BCL6	0.6960366	0.00522563	1	1.0696857	0.03254066	1
BCL6B	0.27443917	1	1	1.26303441	1	1
BCL7A	0.27443917	1	1	-8.1246819	0.26373073	1
BCL7B	-0.4218776	0.72839526	1	-0.2059411	0.51273535	1
BCL7C	-0.2510275	0.77445453	1	-0.7611743	0.03687833	1
BCL9	-7.7715742	0.36779564	1	-8.0812276	0.1958879	1
BCL9L	0.50162807	0.26847539	1	0.62262552	0.06154661	1
BCLAF1	0.18651412	0.5696185	1	0.28015224	0.57578604	1
BCLAF3	0.3926854	0.19394526	1	0.70360368	0.11759345	1
BCO1	-7.7261707	0.19965135	1	-5.0483792	0.52259551	1
BCO2	0.27443917	1	1	1.26303441	1	1
BCOR	-0.7457444	0.45554284	1	-0.3213014	0.41124729	1
BCORL1	1.06368218	0.47292265	1	0.44347851	0.61561548	1
BCR	-0.7857631	0.77821799	1	1.0798476	0.15009036	1
BCS1L	-9.7894659	0.06784723	1	-10.176324	0.01082624	1
BDH1	0.85010473	0.1010242	1	1.15362887	0.04498396	1
BDH2	-0.1496382	0.55332206	1	-0.8787417	0.32876397	1
BDKRB1	0.27443917	1	1	-4.879732	0.52259551	1
BDKRB2	0.27443917	1	1	1.26303441	1	1
BDNF	0.27443917	1	1	1.26303441	1	1
BDP1	0.21508877	0.29288081	1	0.65702133	0.00087109	1
BEAN1	-0.0012893	0.90231962	1	1.8264279	0.85548905	1
BECN1	-1.7721277	0.00477345	1	-1.8889273	0.00066987	1
BECN2	0.27443917	1	1	1.26303441	1	1
BEGAIN	0.27443917	1	1	-5.7918314	0.3629285	1
BEND2	0.27443917	1	1	1.26303441	1	1
BEND3	1.98341375	0.49174922	1	2.04144216	0.13044933	1
BEND4	1.21648173	0.45738523	1	0.86967658	0.15869376	1
BEND5	-10.6712	0.02458092	1	-7.3537414	0.3629285	1
BEND6	1.94939943	0.30792181	1	1.62577236	0.14567951	1
BEND7	-9.0273379	0.19965135	1	-8.6329126	0.26373073	1
BEST1	-8.2574168	0.19965135	1	-7.1122767	0.1958879	1
BEST2	0.27443917	1	1	1.26303441	1	1
BEST3	0.27443917	1	1	1.26303441	1	1
BEST4	0.27443917	1	1	-7.4152617	0.52259551	1
BET1	-8.3316009	0.36779564	1	-3.4115773	0.52259551	1
BET1L	0.27443917	1	1	-3.4307288	0.52259551	1
BEX1	-0.7839941	0.52174859	1	-2.6525904	0.0409325	1
BEX2	-8.7349351	0.11486391	1	-10.572828	0.00839699	1
BEX3	-0.1875469	0.86576298	1	-1.7854486	0.00129981	1
BEX4	2.08159503	0.89260809	1	-1.3242722	0.0191699	1
BEX5	0.27443917	1	1	1.26303441	1	1
BFAR	-0.5797641	0.69003945	1	0.28406464	0.32790462	1

BFSP1	0.27443917	1	1	1.26303441	1	1
BFSP2	0.27443917	1	1	1.26303441	1	1
BGLAP	-8.5899664	0.19965135	1	-6.7985788	0.52259551	1
BGN	0.27443917	1	1	1.26303441	1	1
BHLHA15	0.27443917	1	1	1.26303441	1	1
BHLHB9	-9.2883026	0.11486391	1	-7.9213407	0.26373073	1
BHLHE23	0.72590651	0.51164527	1	-0.8306841	0.49794085	1
BHLHE40	-0.2368473	0.8290165	1	-0.5266418	0.21558647	1
BHLHE41	-0.4153083	0.33955919	1	-1.9309811	0.00047417	1
BHMG1	0.27443917	1	1	1.26303441	1	1
BHMT	1.76816814	0.45738523	1	-0.5373865	0.95888601	1
BHMT2	0.27443917	1	1	-7.6771208	0.52259551	1
BICC1	0.27443917	1	1	-7.3559268	0.52259551	1
BICD1	-0.808173	0.17109595	1	-0.3740757	0.37309868	1
BICD2	0.61474725	0.26931661	1	0.59974492	0.62095652	1
BICDL1	0.11341688	0.312918	1	0.45906325	0.37211025	1
BICDL2	0.96141323	0.23586417	1	-1.7243389	0.48738914	1
BICRA	0.30439055	0.18567028	1	0.59403875	0.04586825	1
BICRAL	0.11804177	0.45978022	1	0.09292735	0.99783545	1
BID	-0.6964673	0.20715176	1	-0.2732847	0.21547318	1
BIK	9.20492632	0.05637677	1	-0.4994311	0.86712811	1
BIN1	0.24941004	0.64949078	1	-0.0657289	0.39619118	1
BIN2	-0.1810909	0.59278348	1	0.03794348	0.87488456	1
BIN3	-0.4851441	0.33354446	1	0.01916727	0.7576846	1
BIRC2	0.50210951	0.25706008	1	0.43397075	0.24228179	1
BIRC3	0.53998912	0.25183286	1	0.3181732	0.78208139	1
BIRC5	0.27443917	1	1	-5.9244137	0.52259551	1
BIRC6	-0.2228194	0.23441091	1	0.36055086	0.00096422	1
BIRC7	-8.0640064	0.36779564	1	1.26303441	1	1
BIRC8	7.22574839	0.2752184	1	0.36858638	0.52790957	1
BIVM	-0.7252831	0.88923822	1	-0.5837985	0.82128613	1
BLCAP	-1.1266414	0.8146861	1	-1.6136192	0.00817088	1
BLID	0.27443917	1	1	1.26303441	1	1
BLK	0.68542733	0.51164527	1	-0.107303	0.51940365	1
BLM	0.61855714	0.44975943	1	0.57562443	0.64079585	1
BLMH	0.06074389	0.52596299	1	0.15355564	0.96156326	1
BLNK	0.42878058	0.56987499	1	-0.5678128	0.95888601	1
BLOC1S1	-0.6834116	0.131468	1	-2.6873083	1.73E-08	0.00047761
BLOC1S2	-1.3653074	0.06155908	1	-1.7175247	0.00069786	1
BLOC1S3	0.27443917	1	1	-6.1610132	0.52259551	1
BLOC1S4	0.87118263	0.23586417	1	-1.0608522	0.22076788	1
BLOC1S5	-0.5757809	0.74905732	1	-1.0871282	0.21516568	1
BLOC1S6	-0.775553	0.39243874	1	-0.3730566	0.30653328	1

BLVRA	-0.2299459	0.99845755	1	-0.4803287	0.12517958	1
BLVRB	-0.5684596	0.83962343	1	-1.4025186	0.09647232	1
BLZF1	-1.7751739	0.14872333	1	-1.0280867	0.41175024	1
BMERB1	0.27443917	1	1	-5.5899638	0.52259551	1
BMF	8.15319461	0.12052946	1	0.55337445	0.82595901	1
BMI1	1.37750554	0.11019603	1	-0.6041859	0.7311283	1
BMP1	7.71846174	0.2752184	1	8.70705698	0.12281968	1
BMP10	0.27443917	1	1	1.26303441	1	1
BMP2	0.27443917	1	1	-7.483617	0.52259551	1
BMP2K	-0.2826394	0.56603875	1	0.28641983	0.16574289	1
BMP3	0.27443917	1	1	-6.343917	0.52259551	1
BMP4	0.27443917	1	1	1.26303441	1	1
BMP5	0.27443917	1	1	1.26303441	1	1
BMP6	0.27443917	1	1	-7.4217459	0.52259551	1
BMP7	0.27443917	1	1	-7.3621478	0.52259551	1
BMP8B	1.82375271	0.15974029	1	3.78415328	0.01343098	1
BMPER	-7.341168	0.36779564	1	1.26303441	1	1
BMPR1A	-0.6004049	0.03343041	1	-0.7360759	0.00484185	1
BMPR1B	2.58635673	0.01770859	1	1.45597526	0.1149483	1
BMPR2	-0.6347099	0.01647	1	-0.0310342	0.55358551	1
BMS1	2.0214272	0.27886875	1	0.36451828	0.4651245	1
BMT2	0.38850409	0.94134804	1	0.48804848	0.00182319	1
BMX	0.27443917	1	1	1.26303441	1	1
BNC1	0.27443917	1	1	1.26303441	1	1
BNC2	0.50526779	0.50570955	1	-0.0722911	0.54628128	1
BNIP1	-1.0922677	0.46046937	1	-1.0372851	0.53006343	1
BNIP2	1.42674686	0.13214259	1	0.36618744	0.83199197	1
BNIP3	-2.0581101	0.40765452	1	-0.7395138	0.49657976	1
BNIP3L	0.45522439	0.4133944	1	0.54983973	0.29766922	1
BNIPL	0.33131977	0.29834994	1	-0.5019348	0.93642041	1
BOC	1.89611463	0.1862645	1	1.7461519	0.0654368	1
BOD1	-1.3350093	0.44157913	1	-0.7708366	0.41730614	1
BOD1L1	-0.3622621	0.96980622	1	-0.5722154	0.20380219	1
BOK	0.27443917	1	1	1.26303441	1	1
BOLA1	-7.3858295	0.36779564	1	-9.2769612	0.03005553	1
BOLA2B	0.66258798	0.52198056	1	-1.5138682	0.01688417	1
BOLA3	0.18052822	0.80799068	1	-1.1798183	0.09922605	1
BOLL	0.27443917	1	1	1.26303441	1	1
BOP1	2.21093862	0.48447983	1	-0.0480503	0.56530842	1
BORA	-1.1445714	0.58416912	1	-0.9541933	0.45363331	1
BORCS5	-0.6006768	0.33734329	1	-0.1814526	0.8634612	1
BORCS6	1.78062438	0.89260809	1	-1.333912	0.05146043	1
BORCS7	-0.7751516	0.80862687	1	0.14848442	0.83384139	1

BORCS8	-2.7773887	0.06328379	1	-2.871948	0.02309047	1
BPGM	1.78368784	0.49174922	1	-0.5923633	0.86121563	1
BPHL	-0.6758308	0.76841868	1	-1.5435792	0.07056623	1
BPI	0.27443917	1	1	1.26303441	1	1
BPIFA2	0.27443917	1	1	1.26303441	1	1
BPIFB1	0.27443917	1	1	1.26303441	1	1
BPIFB2	0.27443917	1	1	1.26303441	1	1
BPIFB3	0.27443917	1	1	1.26303441	1	1
BPIFB4	0.27443917	1	1	1.26303441	1	1
BPIFC	3.3897314	0.11273814	1	1.74550596	0.04558626	1
BPNT1	-0.8138823	0.28472628	1	0.17808735	0.59349356	1
BPTF	0.17579247	0.14559116	1	0.47598307	0.00851208	1
BRAF	-0.1719609	0.65616173	1	0.59126746	0.01702452	1
BRAP	-0.7130561	0.5517368	1	-0.9659962	0.17533983	1
BRAT1	0.46351355	0.75598069	1	0.27980593	0.84544431	1
BRCA1	0.07629766	0.40490484	1	0.15544414	0.44812753	1
BRCA2	-0.8644163	0.68052236	1	0.43569163	0.65223573	1
BRCC3	0.96151231	0.1738854	1	0.55796209	0.33199099	1
BRD1	0.3795872	0.09213348	1	0.37109427	0.17226836	1
BRD2	-0.5015403	0.23594718	1	-0.4192392	0.11443039	1
BRD3	-0.6982977	0.63201881	1	-0.6166577	0.28690739	1
BRD3OS	0.27443917	1	1	1.26303441	1	1
BRD4	-0.2789395	0.31605871	1	0.4433946	0.07972014	1
BRD7	-0.6801739	0.63787614	1	-0.3950092	0.40128719	1
BRD8	-0.3796161	0.36295392	1	0.27832035	0.51425359	1
BRD9	0.1963751	0.70626844	1	-0.6240577	0.00706858	1
BRDT	0.27443917	1	1	1.26303441	1	1
BRF1	0.07525307	0.85782778	1	0.43252607	0.21974028	1
BRF2	-0.1274488	0.93711946	1	-0.4256443	0.79440696	1
BRI3	-1.1078448	0.13244023	1	-3.1957282	3.01E-10	8.31E-06
BRI3BP	-0.2814617	0.27803288	1	-0.440081	0.12689	1
BRICD5	0.27443917	1	1	1.26303441	1	1
BRINP1	0.27443917	1	1	-5.4723482	0.3629285	1
BRINP2	0.27443917	1	1	1.26303441	1	1
BRINP3	8.65234499	0.12052946	1	9.64094023	0.02855238	1
BRIP1	-9.1366891	0.11486391	1	-8.1003323	0.1958879	1
BRIX1	-0.7220193	0.22984006	1	-1.9506822	0.00996684	1
BRK1	-0.0015285	0.7966338	1	-1.3066441	0.00154253	1
BRMS1	-2.0709174	0.06262401	1	-2.459176	0.00127424	1
BRMS1L	1.02107085	0.2355411	1	0.43361956	0.12740436	1
BROX	-1.2353462	0.17472859	1	-1.6910982	0.00474845	1
BRPF1	-0.7602428	0.98722619	1	-1.110984	0.51748344	1
BRPF3	0.09473375	0.50663218	1	0.18727765	0.61829626	1

BRSK1	3.33063546	0.45132853	1	5.19105299	0.15452883	1
BRSK2	-7.341168	0.36779564	1	-4.2111359	0.52259551	1
BRWD1	-0.0065964	0.88842511	1	0.16141462	0.40344953	1
BRWD3	0.03506632	0.51584496	1	0.34573017	0.3007695	1
BSCL2	-3.2381164	0.03598346	1	-3.1363458	0.02288657	1
BSDC1	-0.5635349	0.89258469	1	-0.1973942	0.88052806	1
BSG	-0.5887758	0.28042478	1	-1.542342	8.96E-06	0.24733194
BSN	0.27443917	1	1	-7.6474347	0.3629285	1
BSPRY	0.27443917	1	1	1.26303441	1	1
BST1	0.58071266	0.51164527	1	0.40542708	0.79559712	1
BST2	-0.2193652	0.45186624	1	-2.1642176	4.83E-11	1.33E-06
BSX	0.27443917	1	1	-6.2269176	0.52259551	1
BTAF1	0.47048221	0.37512434	1	0.47937479	0.18031027	1
BTBD1	0.1402233	0.41203513	1	-0.0234031	0.71347083	1
BTBD10	0.00601986	0.44378253	1	0.3013218	0.66289317	1
BTBD11	-0.0891808	0.67927962	1	1.15272715	0.00477128	1
BTBD16	0.27443917	1	1	1.26303441	1	1
BTBD18	0.27443917	1	1	1.26303441	1	1
BTBD19	-0.8191588	0.66794153	1	0.83988745	0.95133243	1
BTBD2	-1.3554599	0.7547619	1	-1.6335366	0.11995904	1
BTBD3	-0.4444882	0.81735692	1	1.26386645	0.53982028	1
BTBD6	-1.1331386	0.62831777	1	-1.8152501	0.01448736	1
BTBD7	-0.0353343	0.90177859	1	-0.0263108	0.97980733	1
BTBD9	-0.2830181	0.15387055	1	0.32748985	0.18014998	1
BTC	0.27443917	1	1	-8.0809809	0.3629285	1
BTD	-1.3947321	0.15910718	1	-1.5644795	0.0191699	1
BTF3	-0.0279974	0.34212853	1	-2.3058269	4.74E-09	0.00013071
BTF3L4	-0.0498408	0.62559868	1	-0.1848325	0.74437877	1
BTG1	-0.3299087	0.17845189	1	-1.1816263	1.24E-07	0.00342323
BTG2	0.741791	0.08876441	1	-1.2658632	0.00293324	1
BTG3	-0.6992399	0.33115423	1	-1.3247687	0.12319938	1
BTG4	0.27443917	1	1	-6.8349991	0.52259551	1
BTK	-0.639056	0.2572727	1	-0.7937658	0.29307123	1
BTLA	10.2878079	0.02713794	1	0.99526037	0.31584189	1
BTN1A1	0.27443917	1	1	1.26303441	1	1
BTN2A1	-0.8750579	0.53286609	1	-0.0224562	1	1
BTN2A2	1.669088	0.31609774	1	0.03632403	0.70287172	1
BTN3A1	-0.2518389	0.55598328	1	0.21877449	0.30129666	1
BTN3A3	0.41673074	0.36871074	1	0.29658944	0.45375757	1
BTNL8	1.26412696	0.50663218	1	1.57296208	0.26719484	1
BTNL9	0.27443917	1	1	1.26303441	1	1
BTRC	-0.5656095	0.13753931	1	-0.0071767	0.80500856	1
BUB1	-5.3209596	0.36779564	1	-7.695688	0.3629285	1

BUB1B	0.27443917	1	1	1.26303441	1	1
BUB3	0.3549491	0.37075399	1	-1.3879749	0.00453565	1
BUD13	0.38654213	0.48820674	1	-0.0418133	0.24397055	1
BUD23	-0.8205333	0.17987213	1	-0.77327	0.0553743	1
BUD31	0.55922315	0.98296882	1	-1.5970064	0.00165029	1
BVES	0.27443917	1	1	1.26303441	1	1
BYSL	0.49008636	0.17789487	1	0.54070674	0.29751468	1
BZW1	-0.5113906	0.47672106	1	-0.811388	0.00228934	1
BZW2	0.35360345	0.33204963	1	-0.5665419	0.13416395	1
C10H20orf14	0.27443917	1	1	1.26303441	1	1
C10H20orf19	0.80418885	0.03812768	1	0.30743136	0.27552959	1
C10H20orf19	0.27443917	1	1	1.26303441	1	1
C10H20orf20	0.27443917	1	1	1.26303441	1	1
C10H20orf20	-1.1936185	0.68052236	1	1.89312851	0.52223338	1
C10H20orf24	-0.2038972	0.88222426	1	-1.5560212	6.78E-05	1
C10H20orf27	0.65697723	0.85135027	1	-2.6876265	0.03742746	1
C10H20orf78	0.27443917	1	1	1.26303441	1	1
C10H20orf85	0.27443917	1	1	-9.0428205	0.26373073	1
C10H20orf96	0.27443917	1	1	-6.9824248	0.52259551	1
C10H22orf15	-7.9030652	0.36779564	1	-8.3061847	0.3629285	1
C10H22orf23	-8.2724366	0.36779564	1	-8.1361939	0.26373073	1
C10H22orf24	0.27443917	1	1	-6.0043987	0.52259551	1
C10H22orf31	0.27443917	1	1	-7.2106073	0.52259551	1
C10H22orf39	-0.1550164	0.38762048	1	0.19257506	0.79939569	1
C10H22orf46	0.27443917	1	1	1.26303441	1	1
C11H12orf10	-0.309612	0.7523418	1	-0.3507247	0.44495147	1
C11H12orf29	1.6523271	0.20508953	1	-0.2494464	0.45573953	1
C11H12orf4	-2.5215276	0.02590797	1	-1.4180745	0.18867959	1
C11H12orf40	-0.2162474	0.89972832	1	0.25334344	0.61520584	1
C11H12orf42	0.27443917	1	1	1.26303441	1	1
C11H12orf43	-0.949495	0.37418384	1	-0.4473513	0.41673466	1
C11H12orf45	0.53307347	0.16869055	1	-0.5667436	0.24366635	1
C11H12orf49	-0.6183189	0.606741	1	-1.0437447	0.04309284	1
C11H12orf50	0.27443917	1	1	-6.9514458	0.52259551	1
C11H12orf54	0.27443917	1	1	1.26303441	1	1
C11H12orf56	0.27443917	1	1	1.26303441	1	1
C11H12orf57	-0.5588948	0.7062771	1	-2.4689703	1.23E-07	0.00340356
C11H12orf60	0.27443917	1	1	-6.7204133	0.52259551	1
C11H12orf61	-5.9776946	0.36779564	1	-3.4115773	0.52259551	1
C11H12orf65	0.3192188	0.37819281	1	-0.3021218	0.72832861	1
C11H12orf66	-0.0691374	0.54514591	1	1.03271769	0.1534648	1
C11H12orf71	-8.1704246	0.36779564	1	-5.8736835	0.52259551	1
C11H12orf73	-0.9809923	0.87353994	1	-1.9755882	0.08763133	1

C11H12orf74	0.27443917	1	1	1.26303441	1	1
C11H12orf75	1.5514691	0.84452255	1	-0.0940908	0.63656557	1
C11H12orf76	0.27443917	1	1	1.26303441	1	1
C12H2orf66	0.27443917	1	1	1.26303441	1	1
C12H2orf69	1.44719446	0.08675102	1	0.34600345	0.19339777	1
C12H2orf72	0.27443917	1	1	1.26303441	1	1
C12H2orf76	0.99500745	0.05710037	1	0.88263624	0.06411695	1
C12H2orf80	6.23735948	0.2752184	1	7.22595472	0.12281968	1
C12H2orf88	-0.3991304	0.85135027	1	-0.8172173	0.95515215	1
C13H2orf15	1.39983533	0.49668398	1	0.40093293	0.61520584	1
C13H2orf16	-7.8362071	0.36779564	1	1.26303441	1	1
C13H2orf40	-1.0486424	0.67317602	1	-1.4273612	0.22856574	1
C13H2orf42	-0.1398128	0.95315705	1	-0.7120821	0.48636411	1
C13H2orf48	0.27443917	1	1	1.26303441	1	1
C13H2orf49	0.18657514	0.28817484	1	0.22842502	0.506432	1
C13H2orf50	0.27443917	1	1	1.26303441	1	1
C13H2orf68	-9.8695228	0.06784723	1	-9.5592803	0.06553217	1
C13H2orf70	0.27443917	1	1	1.26303441	1	1
C13H2orf73	0.27443917	1	1	1.26303441	1	1
C13H2orf74	0.27443917	1	1	1.26303441	1	1
C13H2orf78	0.27443917	1	1	1.26303441	1	1
C13H2orf81	0.27443917	1	1	-8.3029327	0.1958879	1
C13H2orf92	0.27443917	1	1	1.26303441	1	1
C14H11orf1	-2.7760342	0.41260835	1	-3.2420193	0.13020681	1
C14H11orf16	0.27443917	1	1	-8.3367237	0.3629285	1
C14H11orf24	-9.9840658	0.02458092	1	-8.0841889	0.11188911	1
C14H11orf40	0.27443917	1	1	1.26303441	1	1
C14H11orf42	0.27443917	1	1	-7.0705405	0.3629285	1
C14H11orf44	0.27443917	1	1	1.26303441	1	1
C14H11orf49	-0.049368	0.92810273	1	-0.090443	0.58209242	1
C14H11orf52	-7.9885245	0.36779564	1	-8.3895553	0.1958879	1
C14H11orf53	0.27443917	1	1	1.26303441	1	1
C14H11orf54	-1.2138149	0.52537988	1	-0.7421046	0.78314354	1
C14H11orf58	-0.3795703	0.60948913	1	-1.3470135	8.79E-05	1
C14H11orf65	-1.0011913	0.33553095	1	-0.5175048	0.5202498	1
C14H11orf68	1.51981435	0.23243735	1	-1.4965309	0.21632379	1
C14H11orf71	-7.2442683	0.36779564	1	-7.8125527	0.1474095	1
C14H11orf74	0.27443917	1	1	-8.1056161	0.52259551	1
C14H11orf80	0.17458377	0.91000345	1	-0.0113393	0.60234827	1
C14H11orf87	0.27443917	1	1	1.26303441	1	1
C14H11orf88	-10.806646	0.02458092	1	-10.4694	0.0139617	1
C14H11orf91	-9.5862212	0.11486391	1	-7.0693905	0.52259551	1
C14H11orf94	-7.7213779	0.36779564	1	-5.8553883	0.52259551	1

C14H11orf95	-8.8375897	0.19965135	1	-5.9837037	0.3629285	1
C14H11orf96	0.27443917	1	1	1.26303441	1	1
C14H11orf97	-8.2622757	0.36779564	1	1.26303441	1	1
C14H11orf98	0.27443917	1	1	1.26303441	1	1
C15H9orf116	-6.8053897	0.36779564	1	-9.7043674	0.03889469	1
C15H9orf129	0.27443917	1	1	-3.4115773	0.52259551	1
C15H9orf131	-8.4365745	0.36779564	1	1.26303441	1	1
C15H9orf135	-8.8038425	0.19965135	1	-7.2793781	0.3629285	1
C15H9orf139	8.4577626	0.2752184	1	9.44635783	0.12281968	1
C15H9orf152	-5.3209596	0.36779564	1	-4.2369282	0.52259551	1
C15H9orf153	0.27443917	1	1	-7.7420443	0.3629285	1
C15H9orf16	-1.7754526	0.09958969	1	-3.8867758	1.14E-06	0.03156665
C15H9orf163	0.27443917	1	1	1.26303441	1	1
C15H9orf170	0.27443917	1	1	1.26303441	1	1
C15H9orf24	-0.7145676	0.72704195	1	-0.0718472	0.61969483	1
C15H9orf40	-0.4123394	0.68052236	1	-0.0014461	0.85548905	1
C15H9orf43	-7.0684566	0.36779564	1	1.26303441	1	1
C15H9orf50	0.27443917	1	1	-5.9107899	0.52259551	1
C15H9orf57	0.27443917	1	1	1.26303441	1	1
C15H9orf64	0.27443917	1	1	-6.8725788	0.3629285	1
C15H9orf78	0.41832649	0.91496724	1	-0.1877248	0.13007059	1
C15H9orf85	-0.161601	0.79669158	1	-0.3964001	0.4448246	1
C15H9orf92	0.27443917	1	1	1.26303441	1	1
C16H17orf10	0.27443917	1	1	-7.2194744	0.3629285	1
C16H17orf10	-7.7327498	0.36779564	1	1.26303441	1	1
C16H17orf11	0.27443917	1	1	1.26303441	1	1
C16H17orf49	-0.7016112	0.9702001	1	-1.8149396	0.03595955	1
C16H17orf50	0.27443917	1	1	1.26303441	1	1
C16H17orf53	-10.213785	0.04066178	1	1.26303441	1	1
C16H17orf58	1.18940471	0.4634873	1	-1.8957652	0.24812045	1
C16H17orf62	0.11108913	0.98296882	1	-0.2883173	0.76679183	1
C16H17orf64	7.67637454	0.2752184	1	8.66496977	0.12281968	1
C16H17orf67	-2.6767244	0.15491715	1	-4.5060454	0.00101831	1
C16H17orf75	-0.4088057	0.56987499	1	0.63590107	0.82595901	1
C16H17orf77	0.27443917	1	1	1.26303441	1	1
C16H17orf78	0.27443917	1	1	1.26303441	1	1
C16H17orf80	1.06827955	0.13736593	1	-0.3200021	0.98040458	1
C16H17orf97	-8.4365745	0.36779564	1	-6.9195399	0.3629285	1
C16H17orf98	0.27443917	1	1	1.26303441	1	1
C16H17orf99	0.27443917	1	1	-8.0146398	0.3629285	1
C17H13orf42	0.27443917	1	1	1.26303441	1	1
C17H13orf46	0.25969916	0.35242077	1	1.85375589	0.00460049	1
C18H18orf21	-1.2390993	0.52537988	1	-1.8251876	0.02533489	1

C18H18orf25	0.00264311	0.81737199	1	0.12494375	0.98690124	1
C18H18orf32	-1.4892942	0.44858221	1	-3.313463	0.00059286	1
C18H18orf54	2.09032276	0.45132853	1	1.43672036	0.59553177	1
C18H18orf63	0.27443917	1	1	1.26303441	1	1
C18H18orf65	0.27443917	1	1	1.26303441	1	1
C19H19orf12	-0.8598942	0.5977892	1	-1.0721774	0.18860341	1
C19H19orf24	1.58578018	0.13239634	1	-0.7342495	0.01046281	1
C19H19orf25	-2.9193455	0.09467856	1	-3.9586954	0.00480599	1
C19H19orf33	1.85821611	0.89260809	1	-1.0656894	0.8409801	1
C19H19orf38	-8.2481995	0.19965135	1	-9.7870553	0.11188911	1
C19H19orf44	9.65823389	0.05637677	1	2.79249214	0.04448556	1
C19H19orf47	2.07943704	0.15778002	1	1.71263962	0.03846256	1
C19H19orf53	-0.322084	0.82499941	1	-2.3356203	1.19E-06	0.03287893
C19H19orf54	0.27443917	1	1	-8.0176261	0.26373073	1
C19H19orf57	-10.232354	0.11486391	1	-8.5569556	0.1474095	1
C19H19orf66	-1.505516	0.06830523	1	-1.0959738	0.02058385	1
C19H19orf67	0.27443917	1	1	1.26303441	1	1
C19H19orf71	-0.1711315	0.89972832	1	1.12148178	0.26938028	1
C19H19orf81	0.27443917	1	1	-3.4115773	0.52259551	1
C19H19orf84	0.27443917	1	1	1.26303441	1	1
C1D	-0.1308782	0.82499941	1	-0.2341391	0.3502294	1
C1GALT1	-0.0481565	0.57710907	1	0.76313808	0.16633678	1
C1GALT1C1	0.30486766	0.89260809	1	-2.8982188	0.02288657	1
C1GALT1C1L	0.27443917	1	1	-6.942112	0.52259551	1
C1H1orf100	0.92470225	0.4634873	1	-0.7689923	0.7770574	1
C1H1orf105	-1.9697539	0.41260835	1	0.70950392	0.52790957	1
C1H1orf109	-2.2668272	0.25400575	1	-2.276943	0.22222204	1
C1H1orf112	0.5207236	0.71032624	1	1.13156899	0.19529399	1
C1H1orf115	0.27443917	1	1	1.26303441	1	1
C1H1orf116	0.27443917	1	1	1.26303441	1	1
C1H1orf122	0.32684368	0.98125377	1	-2.5451538	0.00184618	1
C1H1orf127	0.27443917	1	1	-7.2633398	0.26373073	1
C1H1orf131	-0.2081985	0.41100338	1	-0.9295287	0.02726065	1
C1H1orf141	0.27443917	1	1	-7.1600031	0.52259551	1
C1H1orf146	0.27443917	1	1	1.26303441	1	1
C1H1orf158	0.27443917	1	1	1.26303441	1	1
C1H1orf159	0.31143209	0.78831276	1	0.25355811	0.51200801	1
C1H1orf162	-1.8057929	0.09867267	1	-3.50125	0.00303427	1
C1H1orf167	0.27443917	1	1	-6.715712	0.52259551	1
C1H1orf174	-1.1935996	0.80862687	1	-1.6973499	0.08378643	1
C1H1orf185	0.27443917	1	1	1.26303441	1	1
C1H1orf189	9.45721517	0.12052946	1	2.73375714	0.15452883	1
C1H1orf194	0.27443917	1	1	-8.769631	0.1958879	1

C1H1orf195	0.27443917	1	1	-4.2369282	0.52259551	1
C1H1orf198	-1.2691097	0.2572727	1	2.78001346	0.8783593	1
C1H1orf21	0.15142372	0.98722619	1	1.32893556	0.23852886	1
C1H1orf210	0.27443917	1	1	1.26303441	1	1
C1H1orf216	0.27443917	1	1	-9.1099856	0.11188911	1
C1H1orf229	0.27443917	1	1	-6.0837995	0.52259551	1
C1H1orf232	0.27443917	1	1	1.26303441	1	1
C1H1orf35	0.00553535	0.54893491	1	-1.0790357	0.1393992	1
C1H1orf43	1.63038865	0.04952609	1	-0.2566314	0.28903293	1
C1H1orf50	0.46662383	0.68566102	1	-0.0180633	0.79232499	1
C1H1orf52	0.04100294	0.53391935	1	-0.7128319	0.4305044	1
C1H1orf53	0.27443917	1	1	-7.3226984	0.3629285	1
C1H1orf54	2.80113836	0.45132853	1	2.39763966	0.81809414	1
C1H1orf56	-0.0945516	0.68052236	1	-2.6648063	0.01829608	1
C1H1orf61	0.27443917	1	1	1.26303441	1	1
C1H1orf74	-1.3344048	0.15016898	1	-1.4038095	0.0774892	1
C1H1orf87	0.27443917	1	1	-7.2304449	0.3629285	1
C1H1orf94	0.27443917	1	1	1.26303441	1	1
C1QA	-9.9401034	0.04066178	1	-10.210422	0.05042498	1
C1QB	-1.8963174	0.01182573	1	-1.592369	0.0168969	1
C1QBP	-1.5554754	0.11307559	1	-2.4163052	0.00023001	1
C1QC	0.26450721	0.56987499	1	-1.3271005	0.08431896	1
C1QL1	0.27443917	1	1	1.26303441	1	1
C1QL3	-8.6979861	0.19965135	1	-5.5963704	0.52259551	1
C1QL4	0.27443917	1	1	1.26303441	1	1
C1QTNF1	-0.1596328	0.90231962	1	-0.5535795	0.84581067	1
C1QTNF12	0.27443917	1	1	1.26303441	1	1
C1QTNF2	7.79484865	0.2752184	1	-0.9742488	0.8895985	1
C1QTNF3	0.27443917	1	1	1.26303441	1	1
C1QTNF4	-6.8152308	0.36779564	1	-8.9972624	0.1474095	1
C1QTNF5	-6.5132161	0.36779564	1	1.26303441	1	1
C1QTNF6	-7.3858295	0.36779564	1	-9.7601489	0.05042498	1
C1QTNF7	0.27443917	1	1	1.26303441	1	1
C1S	0.27443917	1	1	1.26303441	1	1
C2	-2.6678839	0.0248673	1	-1.168968	0.21128446	1
C20H16orf46	0.49993216	0.89260809	1	-1.2997154	0.29307123	1
C20H16orf47	-7.9014069	0.36779564	1	1.26303441	1	1
C20H16orf54	0.67047648	0.51128807	1	-0.8319777	0.23151954	1
C20H16orf58	0.00266378	0.78682126	1	-1.4856205	0.18166234	1
C20H16orf70	-0.7030542	0.78434173	1	0.55950473	0.34771074	1
C20H16orf71	-0.5596675	0.86503869	1	1.71073369	0.36250784	1
C20H16orf72	-0.0445904	0.81558663	1	0.66344057	0.0196855	1
C20H16orf74	2.54619529	0.11452143	1	1.09983048	0.30790943	1

C20H16orf78	0.27443917	1	1	1.26303441	1	1
C20H16orf86	7.10225734	0.2752184	1	-0.5256968	0.8895985	1
C20H16orf87	-0.1325692	0.88172611	1	-0.1572754	0.20222615	1
C20H16orf89	-6.3243319	0.36779564	1	1.26303441	1	1
C20H16orf90	0.27443917	1	1	1.26303441	1	1
C20H16orf91	-1.3745589	0.31475161	1	-1.7371646	0.048209	1
C20H16orf95	-0.5538891	0.68052236	1	2.18761971	0.52223338	1
C20H16orf96	-3.2533042	0.15081145	1	-0.6530263	0.84581067	1
C20H16orf97	0.27443917	1	1	1.26303441	1	1
C2CD2	0.6588239	0.417545	1	0.74267135	0.33772704	1
C2CD2L	-0.7005786	0.5393955	1	-0.4273051	0.59349356	1
C2CD3	-0.2221669	0.90716662	1	0.09823842	0.84276764	1
C2CD4A	0.27443917	1	1	1.26303441	1	1
C2CD4B	0.27443917	1	1	-7.9310375	0.3629285	1
C2CD4D	0.27443917	1	1	1.26303441	1	1
C2CD5	0.31509234	0.31513946	1	0.4583526	0.18922254	1
C2CD6	0.27443917	1	1	1.26303441	1	1
C2H3orf14	0.27443917	1	1	1.26303441	1	1
C2H3orf18	1.1607165	0.23586417	1	2.63290729	0.12904921	1
C2H3orf20	-0.4494639	0.80862687	1	0.31710101	0.82989806	1
C2H3orf33	-1.8600814	0.67317602	1	-1.8733716	0.37197527	1
C2H3orf35	-5.7150445	0.36779564	1	-7.0180959	0.52259551	1
C2H3orf36	9.04378267	0.2752184	1	1.19173673	0.52790957	1
C2H3orf38	1.46481287	0.21954514	1	0.23381398	0.85298547	1
C2H3orf49	0.27443917	1	1	-7.4839255	0.52259551	1
C2H3orf52	8.49810011	0.2752184	1	9.48669535	0.12281968	1
C2H3orf62	-0.1674034	1	1	-0.8963981	0.5446284	1
C2H3orf67	0.27443917	1	1	-6.3737338	0.52259551	1
C2H3orf70	0.27443917	1	1	-7.1858337	0.52259551	1
C2H3orf84	0.27443917	1	1	-4.560591	0.3629285	1
C2H3orf85	0.27443917	1	1	1.26303441	1	1
C2H3orf86	0.27443917	1	1	1.26303441	1	1
C3	7.32590085	0.2752184	1	0.03604585	0.88397598	1
C3AR1	-1.2661762	0.2572727	1	-1.8440549	0.06443991	1
C3H21orf58	0.90123249	0.89260809	1	9.60939138	0.12281968	1
C3H21orf62	0.27443917	1	1	1.26303441	1	1
C3H21orf91	-0.2587399	0.51356274	1	0.18493834	0.41903319	1
C3H7orf25	2.35949613	0.11452143	1	2.52850337	0.01303657	1
C3H7orf26	0.73302962	0.52434985	1	-0.6092392	0.79660753	1
C3H7orf31	0.27443917	1	1	1.26303441	1	1
C3H7orf33	0.27443917	1	1	1.26303441	1	1
C3H7orf50	-0.7288144	0.28390612	1	-0.8631227	0.00106831	1
C3H7orf57	0.27443917	1	1	1.26303441	1	1

C3H7orf61	-0.5982789	0.83579048	1	0.30849287	0.79559712	1	
C3H7orf71	0.27443917	1	1	1.26303441	1	1	
C4BPA	-9.0201846	0.19965135	1	-8.5257619	0.26373073	1	
C4BPB	0.27443917	1	1	1.26303441	1	1	
C4H6orf118	0.27443917	1	1	-6.610965	0.52259551	1	
C4H6orf120	-0.3720278	0.25394299	1	-0.4471586	0.13879021	1	
C4H6orf132	0.27443917	1	1	1.26303441	1	1	
C4H6orf136	0.89558714	0.92075933	1	-0.9633334	0.15017531	1	
C4H6orf141	0.27443917	1	1	1.26303441	1	1	
C4H6orf15	0.27443917	1	1	1.26303441	1	1	
C4H6orf163	3.57789334	0.45132853	1	10.8186223	0.02855238	1	
C4H6orf201	-0.224634	0.82464385	1	1.11500943	0.26719484	1	
C4H6orf203	-1.0344086	0.80862687	1	-1.6740595	0.0419365	1	
C4H6orf222	0.27443917	1	1	1.26303441	1	1	
C4H6orf223	0.27443917	1	1	1.26303441	1	1	
C4H6orf226	8.19481896	0.2752184	1	0.6970426	0.8783593	1	
C4H6orf47	0.30941429	0.7916076	1	0.08120324	0.95596104	1	
C4H6orf52	-2.2200157	0.23382611	1	-0.6800685	0.51970102	1	
C4H6orf58	0.27443917	1	1	1.26303441	1	1	
C4H6orf62	-0.5583417	0.05201796	1	0.1853729	0.484405	1	
C4H6orf89	-0.9814232	0.31868435	1	-1.2644991	0.10981367	1	
C4H6orf99	0.27443917	1	1	-5.2686032	0.52259551	1	
C5	-0.191431	0.90231962	1	1.23400895	0.52790957	1	
C5AR1	-3.8176122	0.01307965	1	-3.3296903	0.01773309	1	
C5AR2	0.27443917	1	1	-4.2111359	0.52259551	1	
C5H4orf17	0.27443917	1	1	-7.6778181	0.26373073	1	
C5H4orf19	-1.3144038	0.67317602	1	8.59808643	0.12281968	1	
C5H4orf27	1.06103147	0.08976454	1	-0.6644855	0.41376356	1	
C5H4orf3	-0.7631748	0.32658449	1	-2.8677716	3.28E-08	0.00090514	
C5H4orf33	-0.3987954	0.79212565	1	-0.1483942	0.56197086	1	
C5H4orf36	0.27443917	1	1	1.26303441	1	1	
C5H4orf45	-7.6508016	0.36779564	1	-8.293137	0.1958879	1	
C5H4orf46	1.19659075	0.16371599	1	0.74982979	0.71807689	1	
C5H4orf47	0.27443917	1	1	-7.7840539	0.26373073	1	
C5H4orf48	6.80268521	0.2752184	1	-2.5924752	0.2190979	1	
C5H4orf50	1.27133617	0.09142605	1	0.83359932	0.03463921	1	
C5H4orf51	-0.043146	0.51668413	1	0.72470478	0.43245952	1	
C5H4orf54	0.27443917	1	1	1.26303441	1	1	
C6	0.27443917	1	1	1.26303441	1	1	
C6H5orf15	1.17030706	0.22707239	1	-0.2319817	0.37648244	1	
C6H5orf22	-0.497875	0.6647379	1	-1.4793327	0.09050479	1	
C6H5orf24	0.91793192	0.3445511	1	-0.2898088	0.51450168	1	
C6H5orf30	-0.547997	0.68052236	1	-1.1051423	0.22856574	1	

C6H5orf34	-0.4037864	0.96251788	1	-0.1018279	0.60621817	1
C6H5orf38	0.27443917	1	1	1.26303441	1	1
C6H5orf46	0.27443917	1	1	1.26303441	1	1
C6H5orf47	-7.819959	0.19965135	1	1.26303441	1	1
C6H5orf49	-8.9926157	0.19965135	1	-10.010495	0.08544191	1
C6H5orf51	0.49722887	0.53349969	1	1.10317302	0.97445066	1
C6H5orf52	0.27443917	1	1	1.26303441	1	1
C6H5orf56	-0.9832674	0.06094743	1	-0.9118655	0.0788798	1
C6H5orf58	-2.9020241	0.09773088	1	-2.4059906	0.15707458	1
C6H5orf63	1.75324018	0.15778002	1	-0.0929338	0.99391584	1
C6H5orf64	0.27443917	1	1	1.26303441	1	1
C6orf125	0.50696449	0.52867968	1	-1.4374209	0.12437708	1
C7	3.9682254	0.01406005	1	3.73115717	0.00028524	1
C7H14orf119	-1.326889	0.24123337	1	-1.3849742	0.10530922	1
C7H14orf132	0.27443917	1	1	1.26303441	1	1
C7H14orf178	0.27443917	1	1	1.26303441	1	1
C7H14orf28	-1.0254473	0.38822059	1	-1.2754084	0.46433653	1
C7H14orf39	0.27443917	1	1	1.26303441	1	1
C7H14orf93	-0.7585367	0.55540624	1	-0.6935673	0.63656557	1
C7H15orf39	-1.2068602	0.19724552	1	-0.8673944	0.38612794	1
C7H15orf40	1.12365078	0.33827309	1	-0.5502835	0.28078082	1
C7H15orf41	0.02741912	0.76242435	1	0.98402095	0.09760783	1
C7H15orf56	0.27443917	1	1	1.26303441	1	1
C7H15orf61	1.04688605	0.51499182	1	-1.2105342	0.04165837	1
C7H15orf62	0.27443917	1	1	1.26303441	1	1
C7H15orf65	-7.9256416	0.36779564	1	-7.6439851	0.3629285	1
C8A	0.27443917	1	1	1.26303441	1	1
C8G	0.27443917	1	1	1.26303441	1	1
C8H8orf34	0.27443917	1	1	1.26303441	1	1
C8H8orf37	2.24378321	0.08448694	1	1.45579776	0.01430264	1
C8H8orf48	0.27443917	1	1	1.26303441	1	1
C8H8orf58	10.1060257	0.02713794	1	11.094621	0.00188118	1
C8H8orf74	0.27443917	1	1	1.26303441	1	1
C8H8orf76	-1.3913985	0.15910718	1	-2.5670375	0.03840069	1
C8H8orf82	0.25152151	0.73731576	1	0.28905751	0.7690793	1
C8H8orf86	8.19481896	0.2752184	1	9.1834142	0.12281968	1
C8H8orf87	0.27443917	1	1	1.26303441	1	1
C8H8orf88	-7.4529774	0.36779564	1	-5.353932	0.52259551	1
C8H8orf89	-6.0587014	0.36779564	1	-8.983722	0.11188911	1
C9	-9.0878349	0.11486391	1	-7.4669677	0.1958879	1
C9H10orf105	0.27443917	1	1	1.26303441	1	1
C9H10orf113	0.27443917	1	1	-7.5081902	0.52259551	1
C9H10orf143	-0.981092	0.09101008	1	-0.6966334	0.02635728	1

C9H10orf25	-5.3209596	0.36779564	1	1.26303441	1	1
C9H10orf53	0.27443917	1	1	1.26303441	1	1
C9H10orf62	0.27443917	1	1	1.26303441	1	1
C9H10orf67	-8.8604164	0.36779564	1	1.26303441	1	1
C9H10orf82	0.27443917	1	1	1.26303441	1	1
C9H10orf88	-1.3292581	0.04553714	1	-2.2154477	0.00932286	1
C9H10orf90	2.06491176	0.89260809	1	-1.3100873	0.8409801	1
C9H10orf99	0.27443917	1	1	1.26303441	1	1
C9orf72	0.31122862	0.21172591	1	0.20694058	0.79447331	1
CA1	-1.9298121	0.90231962	1	-1.5067074	0.8409801	1
CA10	0.27443917	1	1	-6.7882866	0.52259551	1
CA11	-0.7216223	0.86503869	1	-0.5981687	0.78042456	1
CA12	0.27443917	1	1	1.26303441	1	1
CA13	0.27443917	1	1	1.26303441	1	1
CA14	0.27443917	1	1	1.26303441	1	1
CA2	0.27443917	1	1	1.26303441	1	1
CA3	0.27443917	1	1	1.26303441	1	1
CA4	0.27443917	1	1	-5.5899638	0.52259551	1
CA5A	-8.5981645	0.36779564	1	-9.2740271	0.1958879	1
CA5B	0.67573782	0.18478642	1	0.57940379	0.43349769	1
CA6	0.83183779	0.23849743	1	0.7644821	0.18378456	1
CA7	0.27443917	1	1	1.26303441	1	1
CA8	-6.8152308	0.36779564	1	-8.5088599	0.3629285	1
CA9	0.77293793	0.84452255	1	-2.0932654	0.1014336	1
CAAP1	-0.9207011	0.46673561	1	-1.0244128	0.11333716	1
CAB39	-0.1508152	0.16327907	1	0.15896229	0.39591276	1
CAB39L	-0.4764032	0.80120371	1	-0.7172042	0.78314354	1
CABCOCO1	-9.0032858	0.11486391	1	1.26303441	1	1
CABIN1	0.16117472	0.18887247	1	0.65805935	0.01278593	1
CABLES1	-0.1595367	0.91012524	1	0.78344777	0.22883933	1
CABLES2	1.68158435	0.49668398	1	3.12731741	0.2564507	1
CABP1	0.27443917	1	1	1.26303441	1	1
CABP2	0.27443917	1	1	1.26303441	1	1
CABP4	8.52613415	0.12052946	1	-2.253019	0.19466665	1
CABP7	0.27443917	1	1	1.26303441	1	1
CABYR	-1.3342876	0.01892217	1	0.09169136	0.68914496	1
CACFD1	-2.3835554	0.41260835	1	-0.1455642	0.8895985	1
CACHD1	1.44294446	0.89260809	1	0.61171353	0.85548905	1
CACNA1A	-0.6325606	0.72704195	1	-1.4222574	0.12562864	1
CACNA1B	-1.1979256	0.19279889	1	-0.3995416	0.41288151	1
CACNA1C	-6.3243319	0.36779564	1	-7.7155555	0.3629285	1
CACNA1D	0.88321725	0.52434985	1	0.7291633	0.31784579	1
CACNA1E	0.27443917	1	1	1.26303441	1	1

CACNA1F	-0.7715864	0.68052236	1	-0.7387426	0.37955312	1	
CACNA1G	0.27443917	1	1	-3.7413079	0.52259551	1	
CACNA1I	0.27443917	1	1	1.26303441	1	1	
CACNA1S	-5.3209596	0.36779564	1	1.26303441	1	1	
CACNA2D1	-8.0483132	0.36779564	1	1.26303441	1	1	
CACNA2D2	-8.9079815	0.11486391	1	-8.4643879	0.1958879	1	
CACNA2D3	-9.9625873	0.19965135	1	-7.9196468	0.26373073	1	
CACNA2D4	0.29001694	0.89260809	1	1.24377148	0.8783593	1	
CACNB1	0.27443917	1	1	-8.399984	0.3629285	1	
CACNB2	3.47286945	0.89260809	1	11.2491199	0.12281968	1	
CACNB3	0.1292541	0.33211818	1	0.74555244	0.24305181	1	
CACNB4	-0.5023589	0.91350829	1	0.46296328	0.1157563	1	
CACNG1	-7.1890866	0.36779564	1	1.26303441	1	1	
CACNG2	0.27443917	1	1	1.26303441	1	1	
CACNG3	0.27443917	1	1	1.26303441	1	1	
CACNG4	0.27443917	1	1	1.26303441	1	1	
CACNG5	0.27443917	1	1	1.26303441	1	1	
CACNG6	0.27443917	1	1	1.26303441	1	1	
CACNG7	0.27443917	1	1	1.26303441	1	1	
CACNG8	0.27443917	1	1	1.26303441	1	1	
CACTIN	-1.7385107	0.23874614	1	0.59546947	0.6070784	1	
CACUL1	0.26810225	0.64128059	1	0.26145651	0.76943837	1	
CACYBP	-0.5954157	0.38834721	1	-1.9763739	5.52E-08	0.00152354	
CAD	-0.7338266	0.39672399	1	0.95543759	0.448452	1	
CADM1	-0.2106163	0.16744708	1	3.78072582	0.35926299	1	
CADM2	0.81312929	0.84452255	1	4.29799303	0.15452883	1	
CADM3	0.27443917	1	1	1.26303441	1	1	
CADM4	7.33858656	0.2752184	1	8.3271818	0.12281968	1	
CADPS	-1.2949354	0.48662376	1	1.22347238	0.24891727	1	
CADPS2	-7.4250848	0.36779564	1	1.26303441	1	1	
CAGE1	8.93181188	0.12052946	1	0.06736154	0.61483126	1	
CALB1	0.27443917	1	1	-3.4307288	0.52259551	1	
CALB2	0.27443917	1	1	1.26303441	1	1	
CALCOCO1	-3.0965355	0.15081145	1	-3.7037101	0.00298536	1	
CALCOCO2	-0.1848043	0.87439808	1	-0.0308461	0.62282968	1	
CALCR	0.27443917	1	1	1.26303441	1	1	
CALCRL	0.09880595	0.37567558	1	3.7729672	0.00121639	1	
CALD1	0.69323791	0.89260809	1	1.36232236	0.85548905	1	
CALHM1	0.27443917	1	1	1.26303441	1	1	
CALHM2	-1.133033	0.1037109	1	-1.8352112	0.00996684	1	
CALHM3	0.27443917	1	1	1.26303441	1	1	
CALHM4	0.27443917	1	1	1.26303441	1	1	
CALHM6	0.68159613	0.89260809	1	0.77327213	0.8783593	1	

CALM1	-0.1479578	0.30849648	1	-1.6577285	4.27E-16	1.18E-11
CALM2	-0.5494184	0.29812302	1	-1.7206381	9.67E-08	0.00266867
CALM3	-0.8778316	0.10484993	1	-1.1544294	0.03302573	1
CALML3	0.27443917	1	1	1.26303441	1	1
CALML4	0.27443917	1	1	1.26303441	1	1
CALML5	0.27443917	1	1	1.26303441	1	1
CALML6	-1.9110367	0.90231962	1	-0.1736717	0.84581067	1
CALN1	-7.9014069	0.36779564	1	-7.320257	0.52259551	1
CALR	-0.4453297	0.52315143	1	-1.548717	2.58E-06	0.07129523
CALR3	-8.1905591	0.36779564	1	1.26303441	1	1
CALU	-0.1995838	0.99292446	1	-0.4046508	0.19445614	1
CALY	-9.1647422	0.19965135	1	-10.898286	0.00651331	1
CAMK1	-8.5439847	0.36779564	1	-9.7242739	0.03889469	1
CAMK1D	0.22737236	0.32831554	1	0.65738315	7.54E-05	1
CAMK1G	0.27443917	1	1	1.26303441	1	1
CAMK2A	0.27443917	1	1	1.26303441	1	1
CAMK2B	0.27443917	1	1	-7.2721681	0.3629285	1
CAMK2D	0.49406256	0.04350886	1	0.24968522	0.09144161	1
CAMK2G	0.96287207	0.01685639	1	0.47570231	0.11921988	1
CAMK2N1	0.27443917	1	1	-7.3621478	0.52259551	1
CAMK4	0.14270051	0.4344683	1	0.05957508	0.99052682	1
CAMKK1	-7.8195935	0.19965135	1	-9.5652004	0.03889469	1
CAMKK2	-0.2790503	0.68110317	1	0.04869652	0.55629604	1
CAMKMT	-0.0212512	0.7326246	1	0.41370227	0.25059343	1
CAMKV	0.27443917	1	1	1.26303441	1	1
CAMLG	0.78000088	0.67644724	1	-0.6806628	0.00205528	1
CAMP	-0.511666	0.39958324	1	-2.6424781	0.00011123	1
CAMSAP1	0.52724766	0.06328447	1	0.666269	0.40621023	1
CAMSAP2	-0.9209695	0.66038519	1	0.20623374	0.4464476	1
CAMSAP3	0.27443917	1	1	-7.8575766	0.26373073	1
CAMTA1	0.83537371	0.03921057	1	0.70956	0.04603267	1
CAMTA2	-0.9275567	0.45194719	1	-0.1193906	0.42725619	1
CAND1	-0.0473692	0.95220804	1	0.12682216	0.83744861	1
CAND2	0.27443917	1	1	1.26303441	1	1
CANT1	-2.5224045	0.09599528	1	-3.2503177	0.07838475	1
CANX	-0.1024066	0.61826193	1	-0.787444	0.01515663	1
CAP1	0.19025224	0.43112827	1	-0.5877776	0.05550817	1
CAP2	7.8410451	0.2752184	1	0.86919002	0.52790957	1
CAPG	-0.7453585	0.29467462	1	-2.0410761	4.64E-06	0.12796809
CAPN1	-0.7237373	0.48429048	1	-0.9098654	0.10977345	1
CAPN10	0.15637613	0.9702001	1	-1.2128692	0.13477067	1
CAPN11	-10.373479	0.11486391	1	-3.4115773	0.52259551	1
CAPN12	1.27662707	0.19020863	1	-0.4140239	0.80483852	1

CAPN13	0.27443917	1	1	1.26303441	1	1
CAPN14	0.27443917	1	1	1.26303441	1	1
CAPN15	-0.3774387	0.77233406	1	-0.9787956	0.49053333	1
CAPN2	-0.520844	0.71004365	1	0.08413468	0.6239925	1
CAPN3	0.18051198	0.50804436	1	0.97710891	0.57735845	1
CAPN5	0.27443917	1	1	-6.9950942	0.52259551	1
CAPN7	-0.7320306	0.24081565	1	-0.4691762	0.40105404	1
CAPN8	0.27443917	1	1	-5.8857432	0.52259551	1
CAPN9	0.27443917	1	1	1.26303441	1	1
CAPNS1	0.05663265	0.48316197	1	-0.9634455	0.04918037	1
CAPNS2	0.27443917	1	1	1.26303441	1	1
CAPRIN1	0.28714544	0.23650399	1	0.55212666	0.03905458	1
CAPRIN2	0.83142963	0.12125138	1	0.58893602	0.01715498	1
CAPS	-0.8233054	0.45758101	1	-0.982366	0.54830046	1
CAPS2	0.27443917	1	1	1.26303441	1	1
CAPSL	0.27443917	1	1	-6.7879069	0.52259551	1
CAPZA1	-0.279178	0.56221854	1	-0.3802235	0.06472806	1
CAPZA2	0.41967113	0.17072709	1	-0.1310359	0.25836333	1
CAPZB	-0.6329564	0.02132583	1	0.06736777	0.74848126	1
CARD10	2.37648929	0.89260809	1	1.98943523	0.52223338	1
CARD11	-0.2518145	0.56730514	1	0.2165188	0.14717847	1
CARD14	1.80969454	0.89260809	1	-0.368357	0.84581067	1
CARD16	-1.3051445	0.32382226	1	-2.7674227	0.00010264	1
CARD18	0.27443917	1	1	1.26303441	1	1
CARD19	-0.0655608	0.34311151	1	-0.2594928	0.03996626	1
CARD6	0.94863147	0.32290428	1	1.09088411	0.45064269	1
CARD9	-1.5786495	0.68052236	1	1.98690453	0.8783593	1
CARF	-0.6294934	0.43231564	1	-0.1733154	0.96174151	1
CARHSP1	0.14366465	0.70479075	1	-0.9903666	0.0345034	1
CARM1	1.7933682	0.01667822	1	1.38153181	0.11784012	1
CARMIL1	-0.7459732	0.11166716	1	-0.8542872	0.01313459	1
CARMIL2	1.31211384	0.07508016	1	0.67423782	0.05687559	1
CARMIL3	0.27443917	1	1	1.26303441	1	1
CARNMT1	0.03220443	0.48102905	1	-0.0337096	0.63205584	1
CARNS1	-7.1236435	0.36779564	1	-6.945499	0.52259551	1
CARS	0.13649935	0.40330796	1	0.19318201	0.79952625	1
CARS2	-0.0693583	0.94818049	1	-0.3400213	0.1292871	1
CARTPT	0.27443917	1	1	1.26303441	1	1
CASC1	-9.4819619	0.06784723	1	-8.5423294	0.26373073	1
CASC3	0.77432921	0.04126681	1	0.46059985	0.11754983	1
CASC4	-0.1375496	0.82611205	1	-0.0531351	0.90306878	1
CASD1	0.57191985	0.05849223	1	0.89614413	0.01207461	1
CASK	0.0316619	0.39347058	1	0.40692128	0.02769408	1

CASKIN1	0.27443917	1	1	-6.6867618	0.52259551	1
CASKIN2	-1.3131169	0.90231962	1	1.01624677	0.52790957	1
CASP10	-0.3318372	0.58193928	1	0.4923077	0.76588893	1
CASP12	1.43583911	0.02990902	1	-0.0661468	0.45561789	1
CASP14	0.27443917	1	1	1.26303441	1	1
CASP2	1.27625738	0.28849851	1	0.92549557	0.59863765	1
CASP3	-0.4444964	0.64212935	1	-0.4539924	0.1871382	1
CASP4	-0.3402653	0.20871969	1	-1.5355856	0.08562943	1
CASP5	0.18925018	0.85818915	1	-0.8197477	0.63361072	1
CASP6	-0.1182064	0.84967668	1	-0.0745787	0.55183272	1
CASP7	-1.3071663	0.35191749	1	-1.2531588	0.36887781	1
CASP8	-0.4037662	0.62936279	1	0.00406044	0.68794878	1
CASP8AP2	-0.2260398	0.91157516	1	0.34398944	0.44842945	1
CASP9	-0.1261559	0.93752687	1	0.29933089	0.9605254	1
CASQ1	0.27443917	1	1	1.26303441	1	1
CASQ2	-0.5366482	0.90231962	1	3.8527876	0.52223338	1
CASR	0.27443917	1	1	1.26303441	1	1
CASS4	1.49352643	0.08816518	1	0.65119469	0.54605372	1
CAST	-0.1811874	0.48307433	1	0.32553145	0.12559466	1
CASTOR1	1.52605012	0.23243735	1	0.24173402	0.62139346	1
CASTOR2	-1.1614152	0.55540624	1	-0.7140254	0.7770574	1
CASZ1	-0.5161441	0.46636297	1	0.46536414	0.95760576	1
CAT	-0.4154547	0.7218252	1	-1.2464994	0.00256857	1
CATIP	1.33170707	0.89260809	1	-2.4202477	0.17244267	1
CATSPER1	0.27443917	1	1	1.26303441	1	1
CATSPER3	1.74606342	0.06111316	1	0.88374184	0.23112323	1
CATSPER4	0.27443917	1	1	1.26303441	1	1
CATSPERB	-2.1042793	0.53639808	1	0.23978239	0.61094938	1
CATSPERD	0.27443917	1	1	-3.7413079	0.52259551	1
CATSPERE	3.01325743	0.45132853	1	-0.1325586	0.63656557	1
CATSPERG	9.58131594	0.05637677	1	0.21608248	0.96388173	1
CATSPERZ	-6.7100151	0.36779564	1	-8.5149703	0.26373073	1
CAV1	0.27443917	1	1	1.26303441	1	1
CAV2	0.27443917	1	1	1.26303441	1	1
CAVIN1	-9.2509932	0.19965135	1	-6.715712	0.52259551	1
CAVIN2	-8.5878059	0.19965135	1	1.26303441	1	1
CAVIN3	0.27443917	1	1	-4.7186567	0.52259551	1
CAVIN4	0.27443917	1	1	1.26303441	1	1
CBARP	0.27443917	1	1	1.26303441	1	1
CBFA2T2	-0.3510364	0.95920333	1	-0.0327384	0.47228649	1
CBFA2T3	-8.1144399	0.19965135	1	1.26303441	1	1
CBFB	0.32066765	0.33347857	1	0.50990425	0.07067401	1
CBL	-0.2159751	0.92975166	1	-0.254645	0.68745897	1

CBLB	-0.6169531	0.03541179	1	-0.1690114	0.89847527	1
CBLC	0.27443917	1	1	-6.5761579	0.52259551	1
CBLIF	-7.8894416	0.36779564	1	-8.6741628	0.1474095	1
CBLL1	0.25133266	0.56949243	1	0.55406932	0.30180365	1
CBLN2	0.27443917	1	1	1.26303441	1	1
CBLN3	8.05806834	0.2752184	1	9.04666358	0.12281968	1
CBLN4	0.27443917	1	1	-7.1795854	0.3629285	1
CBR3	9.17217521	0.2752184	1	10.1607705	0.12281968	1
CBR4	0.69771355	0.22655937	1	0.22584858	0.31582638	1
CBS	8.62079614	0.2752184	1	-0.3107605	0.49978619	1
CBWD1	0.48872084	0.65403943	1	0.25150183	0.45727323	1
CBX1	-0.4149421	0.2824464	1	-0.0834363	0.59971014	1
CBX2	0.27443917	1	1	1.26303441	1	1
CBX3	-0.4814685	0.49282206	1	-0.7686966	0.02671005	1
CBX4	-0.6564675	0.86958163	1	-0.9459261	0.07353093	1
CBX5	0.65314814	0.63513736	1	0.24544265	0.49904855	1
CBX6	-0.629588	0.59550233	1	-1.4685051	0.04805031	1
CBX7	0.43624799	0.27579987	1	-0.038297	0.58551847	1
CBX8	-1.7394058	0.68052236	1	-1.721396	0.63637252	1
CBY1	-9.499625	0.11486391	1	-8.8997756	0.1958879	1
CBY3	-8.7964027	0.36779564	1	1.26303441	1	1
CC2D1A	-0.6032554	0.98033144	1	0.08509862	0.58507901	1
CC2D1B	-0.4045892	0.3832827	1	-0.7835513	0.13563018	1
CC2D2A	-0.6064536	0.77037564	1	-0.569198	0.29279948	1
CC2D2B	-0.9200346	0.53481597	1	-0.678365	0.26320663	1
CCAR1	-0.4410999	0.35381532	1	0.2038675	0.51239996	1
CCAR2	0.30078117	0.85162514	1	0.08540742	0.85822889	1
CCBE1	7.69213392	0.2752184	1	8.68072916	0.12281968	1
CCDC102A	-0.6123576	0.55540624	1	-0.0696958	0.34035808	1
CCDC102B	0.27443917	1	1	-6.3046544	0.52259551	1
CCDC103	-8.0377939	0.36779564	1	-8.2702688	0.3629285	1
CCDC105	0.27443917	1	1	1.26303441	1	1
CCDC106	0.27443917	1	1	-5.8726831	0.52259551	1
CCDC107	0.50403048	0.9915492	1	-1.3793605	0.002034	1
CCDC110	0.27443917	1	1	1.26303441	1	1
CCDC112	-1.2078572	0.09210114	1	-1.0408488	0.12752437	1
CCDC113	-9.4475588	0.36779564	1	-5.9175855	0.52259551	1
CCDC114	0.53147449	0.89260809	1	8.89951836	0.12281968	1
CCDC115	-0.1686653	0.86950992	1	-1.1292519	0.03297415	1
CCDC116	0.27443917	1	1	1.26303441	1	1
CCDC117	-1.374074	0.69377068	1	-1.3346257	0.10413046	1
CCDC12	-0.4407002	0.34321442	1	-0.332173	0.10250154	1
CCDC120	1.38520783	0.89260809	1	-0.6908552	0.8409801	1

CCDC121	-8.3249054	0.36779564	1	1.26303441	1	1
CCDC122	0.39275457	0.28068907	1	1.20246899	0.02295303	1
CCDC124	-1.068081	0.2572727	1	-2.2488675	0.01160091	1
CCDC125	0.17645111	0.71743092	1	-0.211696	0.92729581	1
CCDC126	0.04062785	0.80120371	1	-1.8543748	0.1432811	1
CCDC127	9.42094684	0.05637677	1	1.96675346	0.2607118	1
CCDC13	0.27443917	1	1	1.26303441	1	1
CCDC130	-0.4361846	0.76288408	1	0.03785993	0.95283128	1
CCDC134	1.69315293	0.05363948	1	1.81604348	0.00492377	1
CCDC136	0.27443917	1	1	-6.7985788	0.52259551	1
CCDC137	-1.2715514	0.31932082	1	-1.4484265	0.01376628	1
CCDC138	-0.5520639	0.4650944	1	1.42740319	0.09953884	1
CCDC14	1.13595679	0.91023596	1	0.28107898	0.87897508	1
CCDC141	-6.8152308	0.36779564	1	1.26303441	1	1
CCDC144NL	0.27443917	1	1	-7.3142146	0.52259551	1
CCDC146	-0.4263414	0.30224443	1	-0.4407923	0.25219159	1
CCDC148	-6.3243319	0.36779564	1	1.26303441	1	1
CCDC149	0.27443917	1	1	-4.9915242	0.3629285	1
CCDC15	3.15920205	0.89260809	1	10.9354525	0.12281968	1
CCDC150	-2.3922174	0.67317602	1	-1.7848272	0.8409801	1
CCDC151	0.27443917	1	1	-9.7666075	0.08544191	1
CCDC152	0.27443917	1	1	-7.7552317	0.3629285	1
CCDC153	-8.0630785	0.36779564	1	-9.1493993	0.3629285	1
CCDC154	-8.517101	0.19965135	1	-8.6482947	0.1958879	1
CCDC155	0.27443917	1	1	1.26303441	1	1
CCDC157	0.15821823	0.82075644	1	0.58744347	0.82595901	1
CCDC158	-0.1555645	0.90231962	1	0.82855249	0.52790957	1
CCDC159	-6.7958073	0.36779564	1	-8.3226991	0.26373073	1
CCDC160	0.27443917	1	1	-6.7448913	0.52259551	1
CCDC163	0.38417244	0.68789913	1	1.64874445	0.52223338	1
CCDC166	0.27443917	1	1	1.26303441	1	1
CCDC167	1.4978299	0.32700264	1	-0.3987251	0.39017761	1
CCDC168	0.903659	0.89260809	1	-0.4566304	0.49657976	1
CCDC169	0.27443917	1	1	-5.9175855	0.52259551	1
CCDC17	-0.5260534	0.90231962	1	-0.2019042	0.84581067	1
CCDC170	-8.1717137	0.19965135	1	-3.4115773	0.52259551	1
CCDC171	1.06191842	0.89260809	1	-1.5887302	0.29307123	1
CCDC172	0.27443917	1	1	1.26303441	1	1
CCDC173	1.51932277	0.45738523	1	-0.6268537	0.33130843	1
CCDC174	-0.9210989	0.237561	1	-1.4390255	0.02430862	1
CCDC175	10.2605247	0.2752184	1	5.77494962	0.52223338	1
CCDC178	8.91634384	0.2752184	1	2.25331307	0.52223338	1
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CCDC18	0.60839325	0.69619269	1	0.72466887	0.56357342	1
CCDC180	-9.2400563	0.11486391	1	-8.1482901	0.26373073	1
CCDC181	-10.191363	0.06784723	1	-9.0044223	0.1474095	1
CCDC183	0.27443917	1	1	-5.1938251	0.52259551	1
CCDC184	0.27443917	1	1	1.26303441	1	1
CCDC185	0.27443917	1	1	1.26303441	1	1
CCDC186	-0.2700839	0.5529875	1	-0.5982654	0.05047609	1
CCDC187	0.27443917	1	1	1.26303441	1	1
CCDC188	0.27443917	1	1	1.26303441	1	1
CCDC189	7.28906029	0.2752184	1	-0.204299	0.64825479	1
CCDC190	0.27443917	1	1	1.26303441	1	1
CCDC191	-8.2150995	0.36779564	1	-9.2373923	0.11188911	1
CCDC192	-0.6204514	0.90231962	1	8.62057924	0.12281968	1
CCDC194	0.27443917	1	1	1.26303441	1	1
CCDC196	0.27443917	1	1	-7.5842072	0.52259551	1
CCDC197	0.27443917	1	1	1.26303441	1	1
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CCDC22	-1.7216631	0.67317602	1	-3.1923609	0.03752822	1
CCDC24	0.27443917	1	1	-6.3885916	0.52259551	1
CCDC25	-0.5376352	0.63812438	1	-0.8897996	0.11592975	1
CCDC27	2.41435323	0.89260809	1	0.41505581	0.52790957	1
CCDC28A	-0.6295818	0.77037564	1	-1.6015748	0.10425207	1
CCDC28B	-8.4682085	0.36779564	1	-8.1404696	0.1958879	1
CCDC3	0.27443917	1	1	1.26303441	1	1
CCDC30	-1.027123	0.16123409	1	-0.1322731	0.64825479	1
CCDC32	-2.7865433	0.02518669	1	-2.295456	0.04853205	1
CCDC33	9.97053193	0.12052946	1	2.85361822	0.15452883	1
CCDC34	0.47167846	0.4226224	1	-0.6159598	0.49657976	1
CCDC36	-1.5090777	0.15910718	1	-0.6584447	0.22696786	1
CCDC38	0.27443917	1	1	-6.6408036	0.52259551	1
CCDC39	-9.6912238	0.11486391	1	-10.646105	0.03005553	1
CCDC40	-1.1055363	0.90231962	1	-2.6468315	0.63637252	1
CCDC42	0.27443917	1	1	1.26303441	1	1
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CCDC47	-1.1116642	0.26024548	1	-0.7240215	0.53354753	1
CCDC50	0.7672387	0.09297844	1	-0.0869704	0.79128039	1
CCDC51	-1.1852473	0.68052236	1	-0.2803307	0.84581067	1
CCDC56	-0.5494516	0.56020917	1	-2.7640622	0.00200845	1
CCDC57	0.20854402	0.67799923	1	-0.2407067	0.46242446	1
CCDC58	-0.2087779	1	1	-0.165584	0.65442003	1
CCDC59	-0.060126	0.54093221	1	-1.2235863	0.05934086	1
CCDC6	-0.0476024	0.9517538	1	0.28401955	0.26112942	1
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CCDC61	-9.9125909	0.11486391	1	-8.2967767	0.1958879	1	
CCDC62	-7.7025031	0.36779564	1	-7.1196906	0.3629285	1	
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CCDC65	0.27443917	1	1	-6.5658701	0.26373073	1	
CCDC66	-0.5604884	0.50930208	1	-0.2730673	0.52109749	1	
CCDC68	0.27443917	1	1	1.26303441	1	1	
CCDC69	0.3802263	0.05957822	1	0.11211553	0.41506109	1	
CCDC7	-0.5001788	0.35583975	1	0.32212892	0.72428695	1	
CCDC70	0.27443917	1	1	1.26303441	1	1	
CCDC71	-8.7273625	0.36779564	1	-6.6232008	0.26373073	1	
CCDC71L	0.63599057	0.23586417	1	-0.3063359	0.97015993	1	
CCDC73	-0.9357902	0.86503869	1	0.40116117	0.36905242	1	
CCDC77	0.49358961	0.97656842	1	-0.1538916	0.43297411	1	
CCDC78	-7.8894416	0.36779564	1	-8.0096496	0.3629285	1	
CCDC8	0.27443917	1	1	1.26303441	1	1	
CCDC80	8.76707513	0.2752184	1	0.38696679	0.85548905	1	
CCDC81	-7.3773383	0.19965135	1	-8.8860243	0.1958879	1	
CCDC82	-0.2684276	0.89840095	1	-0.1184265	0.85853108	1	
CCDC83	-0.9370823	0.87876749	1	-0.0142758	0.7924009	1	
CCDC84	-0.8379607	0.29295746	1	-0.6493132	0.40954633	1	
CCDC85A	-5.7676125	0.36779564	1	1.26303441	1	1	
CCDC85B	-0.20056	0.32046533	1	-2.3820771	6.35E-06	0.17513503	
CCDC85C	3.19679606	0.22569004	1	0.86851192	0.43245952	1	
CCDC86	8.009752	0.2752184	1	2.28166469	0.52223338	1	
CCDC87	0.27443917	1	1	1.26303441	1	1	
CCDC88A	0.14703915	0.86658851	1	0.40164638	0.9536716	1	
CCDC88B	-0.2583847	0.65608246	1	0.22944053	0.9805342	1	
CCDC88C	-0.059669	0.54357657	1	0.20840197	0.65755661	1	
CCDC89	-0.6742717	0.86503869	1	-1.9013198	0.48952897	1	
CCDC9	0.08004101	0.75295466	1	0.83133702	0.05346711	1	
CCDC90B	0.40346483	0.83893209	1	-0.0569783	0.3262795	1	
CCDC91	0.03246835	0.80351654	1	0.50215346	0.02360719	1	
CCDC92	-1.1402069	0.31708553	1	0.37192389	0.84443512	1	
CCDC92B	10.0323665	0.12052946	1	11.0209618	0.02855238	1	
CCDC93	1.00812919	0.06452015	1	0.69630159	0.23013962	1	
CCDC96	0.27443917	1	1	1.26303441	1	1	
CCDC97	-0.1922271	0.67944792	1	-0.561266	0.10635314	1	
CCDC9B	-1.2636509	0.68052236	1	-2.0797202	0.37701669	1	
CCER2	0.27443917	1	1	-7.3413289	0.52259551	1	
CCHCR1	-0.4606017	0.52174859	1	0.04942868	0.61829626	1	
CCIN	-0.0178544	0.68789913	1	9.30037047	0.12281968	1	
CCK	0.27443917	1	1	1.26303441	1	1	
CCKAR	0.27443917	1	1	1.26303441	1	1	

CCKBR	0.27443917	1	1	1.26303441	1	1
CCL13	0.27443917	1	1	1.26303441	1	1
CCL14	0.27443917	1	1	1.26303441	1	1
CCL15	-10.896968	0.00910616	1	-12.138506	0.00029927	1
CCL16	0.27443917	1	1	1.26303441	1	1
CCL17	0.27443917	1	1	1.26303441	1	1
CCL18	-2.1944184	0.15491715	1	-4.1777231	4.61E-05	1
CCL19	0.27443917	1	1	1.26303441	1	1
CCL2	-8.1900523	0.36779564	1	-7.4234817	0.26373073	1
CCL20	0.27443917	1	1	-6.555996	0.52259551	1
CCL22	-7.1236435	0.36779564	1	-6.1904564	0.52259551	1
CCL23	0.27443917	1	1	1.26303441	1	1
CCL24	0.27443917	1	1	1.26303441	1	1
CCL25	1.19234121	0.08675102	1	0.45392023	0.46734089	1
CCL26	0.27443917	1	1	1.26303441	1	1
CCL27	0.27443917	1	1	1.26303441	1	1
CCL28	-7.579236	0.36779564	1	-7.0351612	0.3629285	1
CCL3	-1.0326499	0.68052236	1	-0.1027741	0.64825479	1
CCL4L1	-9.7478705	0.11486391	1	-11.183946	0.00391757	1
CCL5	-1.4382675	0.00234559	1	-2.7188068	4.05E-06	0.11168954
CCL7	0.27443917	1	1	-7.7735715	0.26373073	1
CCL8	0.27443917	1	1	1.26303441	1	1
CCM2	0.10847092	0.63364833	1	-0.175773	0.50067719	1
CCM2L	0.27443917	1	1	-6.6421748	0.52259551	1
CCN1	-8.3249054	0.36779564	1	1.26303441	1	1
CCN2	-9.5240161	0.19965135	1	1.26303441	1	1
CCN3	0.27443917	1	1	1.26303441	1	1
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CCN5	0.27443917	1	1	1.26303441	1	1
CCN6	0.27443917	1	1	1.26303441	1	1
CCNA1	0.27443917	1	1	-7.6813617	0.52259551	1
CCNA2	8.45573947	0.12052946	1	-0.9001786	0.77033568	1
CCNB1	-0.38883	0.90231962	1	-2.3283396	0.28508405	1
CCNB1IP1	-1.6493667	0.67317602	1	-0.6669989	0.64825479	1
CCNB2	-2.1933565	0.25400575	1	-1.2880065	0.37701669	1
CCNB3	2.95071768	0.45132853	1	3.16232022	0.15452883	1
CCNC	0.36992978	0.20393028	1	0.02375287	0.26734772	1
CCND1	-9.1686991	0.11486391	1	1.26303441	1	1
CCND2	-0.2546751	0.58569009	1	0.26899288	0.45214132	1
CCND3	0.23932016	0.13511807	1	0.81222018	8.37E-07	0.02310026
CCNDBP1	0.81117972	0.17278859	1	-0.9187413	0.07565078	1
CCNE1	-8.4365745	0.36779564	1	-8.7974539	0.26373073	1
CCNE2	0.2389858	0.4634873	1	-2.0528688	0.31715576	1

CCNF	-1.8198183	0.41260835	1	-0.8164304	0.64428388	1
CCNG1	1.29033658	0.44699259	1	-0.4028197	0.30957736	1
CCNG2	-0.0281348	0.67029556	1	0.45121125	0.77902052	1
CCNH	-0.4336812	0.50318436	1	-0.7433535	0.06001606	1
CCNI	-0.0501945	0.50763223	1	-1.2438722	8.57E-07	0.02365061
CCNI2	0.27443917	1	1	1.26303441	1	1
CCNJ	0.6063507	0.52886624	1	0.46574777	0.59560582	1
CCNJL	-0.8588273	0.58182537	1	-0.026368	0.6985717	1
CCNK	-0.3424144	0.88336011	1	-0.4867613	0.25433198	1
CCNL1	-0.1456304	0.74642345	1	-0.1560383	0.54399159	1
CCNL2	-5.4928051	0.36779564	1	-9.1921808	0.08544191	1
CCNO	0.27443917	1	1	1.26303441	1	1
CCNQ	-0.5768095	0.34276309	1	-1.4052944	0.00832543	1
CCNT1	-0.4618632	0.34529594	1	-0.1321226	0.74515288	1
CCNT2	-0.4512951	0.36308474	1	0.05234261	0.8763154	1
CCNY	-0.1071339	0.56930567	1	0.1644508	0.18749769	1
CCNYL1	0.24788543	0.67799923	1	1.23690586	0.03140546	1
CCNYL3	0.27443917	1	1	1.26303441	1	1
CCP110	0.19266975	0.54586535	1	0.43873448	0.28636821	1
CCPG1	-0.2591488	0.91477587	1	-0.2750925	0.39214265	1
CCR1	-8.5807632	0.36779564	1	-3.4307288	0.52259551	1
CCR10	0.27443917	1	1	1.26303441	1	1
CCR2	0.27443917	1	1	1.26303441	1	1
CCR3	0.27443917	1	1	1.26303441	1	1
CCR4	-8.4416981	0.36779564	1	-6.8796385	0.52259551	1
CCR5	-8.323301	0.11486391	1	-9.3897284	0.06553217	1
CCR6	-1.7667772	0.17889791	1	-1.5086666	0.11605441	1
CCR7	9.90898075	0.02713794	1	1.97855508	0.04397082	1
CCR8	0.27443917	1	1	-5.9427839	0.52259551	1
CCR9	10.0615642	0.02713794	1	0.51978982	0.46272181	1
CCRL2	0.27443917	1	1	-6.1297678	0.52259551	1
CCS	-0.7815512	0.55059839	1	0.74490982	0.30790943	1
CCSAP	1.15118139	0.22140228	1	0.17690897	0.95475443	1
CCSER1	0.26508194	0.07780079	1	1.13443315	0.00039435	1
CCSER2	-0.3034106	0.24786002	1	0.428071	0.14773293	1
CCT2	-0.6064493	0.70955375	1	-1.2992724	0.00862305	1
CCT3	0.57587193	0.48305287	1	-0.8368041	0.00297984	1
CCT4	-0.3110225	0.72036185	1	-0.588903	0.06425634	1
CCT5	0.34269761	0.35169396	1	-0.4924504	0.15997207	1
CCT6A	0.3417633	0.17360918	1	-1.2564139	0.00035659	1
CCT6B	-0.1403151	0.95315705	1	-0.6354302	0.91603844	1
CCT7	-0.4344171	0.97566726	1	-1.5563407	0.00028598	1
CCT8	-0.7949915	0.30812327	1	-1.4999826	0.00035047	1

CCZ1	-0.5906624	0.31532868	1	0.51421453	0.99172593	1
CD101	-1.5730248	0.32015878	1	-2.3607873	0.01158416	1
CD109	1.593283	0.56797707	1	1.89613743	0.7415245	1
CD14	-0.2113851	0.4226224	1	-3.6642114	0.0018652	1
CD151	0.41726417	0.64970329	1	-0.8406791	0.19220201	1
CD160	-0.5880258	0.29816673	1	-1.6451807	0.04437307	1
CD163	-1.702772	0.01431318	1	-1.1960987	0.07378055	1
CD163L1	-10.278268	0.02458092	1	-9.5024128	0.08544191	1
CD164	-0.4298995	0.60393193	1	-0.6537786	0.01280356	1
CD164L2	1.9183304	0.89260809	1	-0.5816005	0.23017163	1
CD177	-1.1142566	0.41260835	1	-1.6454036	0.0838231	1
CD180	-0.6787124	0.90231962	1	3.63988443	0.52223338	1
CD19	0.27443917	1	1	1.26303441	1	1
CD1A	0.27443917	1	1	-7.1178815	0.3629285	1
CD1B	0.27443917	1	1	1.26303441	1	1
CD1C	0.27443917	1	1	1.26303441	1	1
CD1D	-6.3059622	0.36779564	1	-8.6708194	0.1474095	1
CD1E	0.27443917	1	1	1.26303441	1	1
CD2	-0.6004471	0.49719313	1	-1.4696118	0.00615889	1
CD200	1.22209675	0.89260809	1	8.99834724	0.12281968	1
CD200R1	0.61260939	0.45738523	1	-0.0101399	0.96262077	1
CD207	0.27443917	1	1	1.26303441	1	1
CD209L2	0.27443917	1	1	1.26303441	1	1
CD22	0.27443917	1	1	-6.4634738	0.52259551	1
CD226	-0.1816862	0.32368487	1	0.20693987	0.21299734	1
CD244	-0.6216137	0.161541	1	-0.9948084	0.01900674	1
CD247	-0.3066161	0.13957435	1	-0.0033673	0.852013	1
CD274	-7.9320536	0.19965135	1	-8.3627943	0.1958879	1
CD276	-1.7905272	0.15345093	1	-0.1932703	0.51715054	1
CD28	-0.7879408	0.67317602	1	-0.8433913	0.8895985	1
CD2AP	0.13579573	0.28973375	1	1.05090248	0.00223522	1
CD2BP2	0.21556938	0.96720032	1	-0.9959465	0.03321301	1
CD300A	8.85251062	0.2752184	1	0.27694009	0.85064705	1
CD300C	2.22052484	0.68789913	1	1.21414189	0.8783593	1
CD300E	0.27443917	1	1	1.26303441	1	1
CD300H	-8.4682085	0.36779564	1	-8.9286225	0.1958879	1
CD300LB	0.27443917	1	1	-3.7413079	0.52259551	1
CD300LD	0.27443917	1	1	-5.2079168	0.3629285	1
CD300LF	-0.7633943	0.23934276	1	-0.5570485	0.34064904	1
CD300LG	0.27443917	1	1	1.26303441	1	1
CD302	-0.9449361	0.32817766	1	-0.892889	0.05417563	1
CD320	0.32743809	0.20449732	1	-0.5177296	0.548229	1
CD33	-7.7327498	0.36779564	1	1.26303441	1	1

CD34	0.27443917	1	1	1.26303441	1	1
CD36	-0.9410928	0.02411442	1	-0.9863049	0.00387171	1
CD37	-0.5336937	0.43240797	1	-1.2133645	0.00022339	1
CD38	-0.9409696	0.21856526	1	-0.2322722	0.73276508	1
CD3D	0.40109708	0.67818627	1	-1.7717272	0.00150505	1
CD3E	1.17153288	0.53340877	1	0.02268715	0.42627951	1
CD3EAP	1.08493497	0.83770648	1	-1.5217924	0.25674539	1
CD3G	0.58451203	0.620921	1	-1.6477682	0.00371178	1
CD4	-3.8874711	0.02139028	1	-3.6069229	0.01080641	1
CD40	0.27443917	1	1	-8.6024534	0.1958879	1
CD40LG	-1.6129847	0.41260835	1	-0.8891919	0.64825479	1
CD44	0.03428865	0.85572816	1	0.44130813	0.00925436	1
CD46	0.28998298	0.31022672	1	-0.0272208	0.97123917	1
CD47	0.40059935	0.21923725	1	-0.0148227	0.8760668	1
CD48	-0.2894495	0.83654756	1	-2.9366303	5.08E-17	1.40E-12
CD5	1.36814565	0.83770648	1	-0.4406146	0.95888601	1
CD52	0.14039125	0.63203016	1	-2.8682937	2.23E-15	6.14E-11
CD53	0.19531143	0.31774524	1	-0.5154254	0.03932045	1
CD55	-0.8752464	0.19237198	1	-0.2074284	0.79679291	1
CD58	-0.6259319	0.04897838	1	-0.1319789	0.17542929	1
CD59	0.88045078	0.11697938	1	-0.9729938	0.01958973	1
CD5L	0.27443917	1	1	1.26303441	1	1
CD6	0.56203126	0.49740223	1	0.22456967	0.85865925	1
CD63	-0.4639153	0.34594969	1	-2.2350358	4.73E-20	1.31E-15
CD68	-1.0976898	0.12303654	1	-2.2349412	6.76E-06	0.18656128
CD69	-0.5915797	0.06788846	1	-1.2901052	3.61E-08	0.0009976
CD7	-0.5918817	0.3310306	1	-2.0897724	7.02E-05	1
CD70	-2.6093887	0.15700157	1	-1.703752	0.06541222	1
CD72	-0.0871793	0.80799068	1	0.65289448	0.42426179	1
CD74	-1.2925597	5.09E-05	1	-1.8202866	9.16E-13	2.53E-08
CD79A	-0.3637026	0.85135027	1	0.77602731	0.6070784	1
CD79B	-1.8652771	0.54111927	1	-1.8075325	0.31368048	1
CD80	-0.9359998	0.24626241	1	-0.9770284	0.20643518	1
CD81	0.05265623	0.909071	1	-1.0677318	0.00018829	1
CD82	0.30288375	0.37704809	1	-0.5222553	0.39425529	1
CD83	-0.4472601	0.36156559	1	-1.5529499	0.00668148	1
CD84	0.46051363	0.82910874	1	-0.1927281	0.51591408	1
CD86	-0.5932562	0.90231962	1	-0.614897	0.49338433	1
CD8A	0.7945904	0.42181125	1	-0.0246584	0.87631647	1
CD8B	1.04416847	0.24551112	1	0.9668793	0.22597246	1
CD9	-8.1900523	0.36779564	1	-5.8857432	0.52259551	1
CD9-1	-1.5495715	0.01785452	1	-2.5396111	2.13E-05	0.58737457
CD93	-7.0810037	0.36779564	1	-8.2840551	0.1958879	1

CD96	0.05253197	0.54352039	1	-0.5003202	0.07240999	1
CD99	1.80281126	0.03364286	1	0.69438769	0.46586938	1
CD99L2	0.59436987	0.49464936	1	0.62177617	0.12204883	1
CDA	-0.1102345	0.90231962	1	-1.4145827	0.06541222	1
CDADC1	-0.1575661	0.95674599	1	0.15647432	0.83949593	1
CDAN1	0.85894797	0.07177396	1	0.8239985	0.15603603	1
CDC123	0.29469083	0.52491862	1	0.49751518	0.53429878	1
CDC14A	0.24131442	0.46561591	1	0.45976962	0.29956133	1
CDC14B	0.79299338	0.01580013	1	0.01510697	0.88117594	1
CDC16	-0.0216456	0.93975748	1	0.49129126	0.32494355	1
CDC20	8.31177523	0.2752184	1	2.09455214	0.52223338	1
CDC20B	0.27443917	1	1	1.26303441	1	1
CDC23	1.17082231	0.44699259	1	0.2353711	0.93567212	1
CDC25A	-8.1784445	0.36779564	1	1.26303441	1	1
CDC25B	1.00582502	0.31987037	1	0.8527455	0.94285732	1
CDC25C	8.16837511	0.2752184	1	-0.2116802	0.52790957	1
CDC26	-0.5498119	0.87909859	1	-2.0327637	0.00029798	1
CDC27	-0.0903841	0.46719371	1	0.11245827	0.39485464	1
CDC34	-0.6881792	0.658917	1	-1.9322741	0.04678492	1
CDC37	-0.2099703	0.69064444	1	-0.7828392	0.01893536	1
CDC37L1	-0.5935797	0.82476367	1	-1.931479	0.02148301	1
CDC40	-0.0172774	0.58264865	1	-0.2191166	0.32820877	1
CDC42	-0.0739566	0.57403325	1	-0.674526	0.0017139	1
CDC42BPA	0.46987464	0.79564131	1	1.82477039	0.06663819	1
CDC42BPB	-0.135895	0.75062646	1	1.38105175	0.16790609	1
CDC42BPG	-0.5161506	0.90231962	1	2.39699855	0.8783593	1
CDC42EP1	0.27443917	1	1	1.26303441	1	1
CDC42EP2	0.27443917	1	1	1.26303441	1	1
CDC42EP3	-0.9675739	0.26845827	1	-1.38619	0.03984297	1
CDC42EP4	8.79525569	0.2752184	1	1.23391748	0.8783593	1
CDC42EP5	0.27443917	1	1	-8.2160744	0.3629285	1
CDC42SE1	0.33011608	0.13349695	1	-0.1947073	0.78635354	1
CDC42SE2	-0.2342893	0.37962572	1	-0.0329902	0.95327878	1
CDC45	-7.8927324	0.36779564	1	-8.7557467	0.26373073	1
CDC5L	0.04661468	0.3891354	1	-0.1007277	0.85068148	1
CDC6	2.23371708	0.22904601	1	10.3826422	0.00720402	1
CDC7	1.79089628	0.30498142	1	-0.3214734	0.75797008	1
CDC73	-0.2836757	0.68298751	1	0.26927682	0.34879434	1
CDCA2	-7.5066721	0.36779564	1	1.26303441	1	1
CDCA3	0.27443917	1	1	1.26303441	1	1
CDCA4	0.50863908	0.29504147	1	1.37372965	0.4508128	1
CDCA5	0.27443917	1	1	1.26303441	1	1
CDCA7	-8.2622757	0.36779564	1	-8.5331785	0.3629285	1

CDCA7L	-7.7043072	0.36779564	1	-7.6392081	0.26373073	1
CDCA8	0.27443917	1	1	1.26303441	1	1
CDCP1	-3.6108652	0.03495642	1	-1.7438554	0.48386448	1
CDCP2	0.27443917	1	1	1.26303441	1	1
CDH1	0.23257944	0.98389537	1	0.26579434	0.43633722	1
CDH10	0.27443917	1	1	1.26303441	1	1
CDH11	8.71830363	0.2752184	1	0.96609526	0.52790957	1
CDH12	0.27443917	1	1	-3.4115773	0.52259551	1
CDH13	-2.2980451	0.68052236	1	-0.843715	0.52790957	1
CDH15	0.27443917	1	1	1.26303441	1	1
CDH16	0.27443917	1	1	1.26303441	1	1
CDH17	0.27443917	1	1	1.26303441	1	1
CDH18	8.05743846	0.2752184	1	9.04603369	0.12281968	1
CDH19	0.27443917	1	1	1.26303441	1	1
CDH2	0.27443917	1	1	-3.4115773	0.52259551	1
CDH20	0.27443917	1	1	-8.9067838	0.1474095	1
CDH22	-8.9130985	0.11486391	1	-5.5963704	0.52259551	1
CDH23	-1.2975147	0.24373878	1	-0.7565796	0.5120691	1
CDH24	8.76707513	0.2752184	1	1.60283674	0.8783593	1
CDH26	0.77016467	0.52964575	1	1.23708254	0.3331058	1
CDH3	7.66556535	0.2752184	1	8.65416058	0.12281968	1
CDH4	7.06868348	0.2752184	1	-1.3602993	0.8895985	1
CDH5	0.27443917	1	1	1.26303441	1	1
CDH6	-1.8017018	0.15700157	1	-1.4403364	0.1075019	1
CDH7	8.29532031	0.2752184	1	0.49056016	0.52790957	1
CDH8	0.27443917	1	1	1.26303441	1	1
CDH9	-8.0115693	0.19965135	1	1.26303441	1	1
CDHR1	0.27443917	1	1	1.26303441	1	1
CDHR2	0.27443917	1	1	1.26303441	1	1
CDHR3	0.27443917	1	1	1.26303441	1	1
CDHR4	7.92434291	0.2752184	1	2.27091752	0.52223338	1
CDHR5	0.27443917	1	1	-7.4839255	0.52259551	1
CDIP1	0.0604427	0.85160308	1	0.89395727	0.23113759	1
CDIPT	-1.9025403	0.10060754	1	-1.9784056	0.01493522	1
CDK1	2.91598664	0.89260809	1	1.23836125	0.8783593	1
CDK10	1.85613868	0.0774298	1	0.86886403	0.21723799	1
CDK11B	0.0601628	0.45828421	1	0.03891065	0.85133615	1
CDK12	-0.6330277	0.43037926	1	0.04274692	0.50241911	1
CDK13	-0.106223	0.89687385	1	0.3348531	0.0312319	1
CDK14	-1.2475796	0.19279889	1	-1.2366739	0.19681066	1
CDK15	0.27443917	1	1	1.26303441	1	1
CDK16	1.29842077	0.23243735	1	0.91584732	0.26938028	1
CDK17	-0.0389415	0.57934753	1	0.4736533	0.01274186	1

CDK18	0.27443917	1	1	-7.3112089	0.3629285	1
CDK19	-0.1222292	0.17072798	1	-0.1114223	0.09255469	1
CDK2	-0.3233333	0.7523418	1	-0.5153802	0.92666797	1
CDK20	8.58394069	0.2752184	1	4.09836561	0.52223338	1
CDK2AP1	0.2424685	0.91023596	1	-1.2645386	0.0635668	1
CDK2AP2	-0.3572036	0.72458248	1	-1.6515693	0.00649886	1
CDK3	0.11429336	0.9957419	1	-0.5910917	0.1767494	1
CDK4	-0.8575442	0.5506235	1	-2.0972614	0.04029519	1
CDK5	0.59864731	0.89260809	1	-0.5149858	0.85064705	1
CDK5R1	0.86450109	0.50663218	1	0.0676399	0.79559712	1
CDK5RAP1	-1.1595613	0.23307867	1	-0.3057241	0.59280227	1
CDK5RAP2	-0.8578257	0.12274982	1	-0.1898201	0.93122423	1
CDK5RAP3	-1.7226761	0.04093385	1	-1.7196355	0.03743836	1
CDK6	-0.4033274	0.10757082	1	0.53923856	0.52460272	1
CDK7	-0.1429381	0.77248105	1	0.42980655	0.44851485	1
CDK8	-0.5659421	0.18270254	1	-0.055184	0.96766364	1
CDK9	1.11442206	0.22885087	1	1.1110785	0.2683485	1
CDKAL1	-0.3337912	0.15282475	1	0.2086309	0.22638468	1
CDKL1	-8.3316009	0.36779564	1	1.26303441	1	1
CDKL2	0.06564599	0.23147175	1	0.45319674	0.06085581	1
CDKL3	0.40714701	0.51267242	1	0.85861578	0.43276014	1
CDKL4	-6.3243319	0.36779564	1	-7.7372483	0.26373073	1
CDKL5	0.53890224	0.52580602	1	1.16542086	0.69640964	1
CDKN1A	1.15670421	0.28526399	1	1.24802257	0.31584189	1
CDKN1B	0.78771386	0.1616718	1	-0.4323443	0.47949965	1
CDKN1C	0.27443917	1	1	-6.8792337	0.52259551	1
CDKN2AIP	-0.5460261	0.55002872	1	-0.8498599	0.15648022	1
CDKN2AIPNL	0.25989727	0.16479	1	-0.637927	0.41609055	1
CDKN2B	0.27443917	1	1	-7.4839255	0.52259551	1
CDKN2C	2.33235744	0.22569004	1	1.34728944	0.26502162	1
CDKN2D	-0.3329688	0.68789913	1	-2.072933	0.10438806	1
CDKN3	-9.3798972	0.11486391	1	-8.9850156	0.1474095	1
CDNF	0.27443917	1	1	1.26303441	1	1
CDO1	-7.4451245	0.36779564	1	-3.7413079	0.52259551	1
CDON	-9.9996201	0.06784723	1	-8.9232165	0.1958879	1
CDPF1	-9.3893906	0.11486391	1	-9.649837	0.05042498	1
CDR1	-7.4451245	0.36779564	1	-7.9669395	0.3629285	1
CDR2	0.12957485	0.52087177	1	1.15872356	0.35273963	1
CDR2L	0.27443917	1	1	1.26303441	1	1
CDRT1	-7.2442683	0.36779564	1	1.26303441	1	1
CDRT15	0.27443917	1	1	1.26303441	1	1
CDRT4	0.27443917	1	1	1.26303441	1	1
CDS1	0.27443917	1	1	-6.6625351	0.3629285	1

CDS2	0.80688792	0.08683201	1	0.69534752	0.09579445	1
CDSN	0.27443917	1	1	1.26303441	1	1
CDT1	7.37245979	0.2752184	1	-0.5026775	0.8895985	1
CDV3	0.18152472	0.25652468	1	-1.2878408	0.00015547	1
CDX1	0.27443917	1	1	1.26303441	1	1
CDYL	0.04050168	0.6928455	1	0.13027615	0.95621021	1
CDYL2	-0.6336272	0.12980866	1	-0.0207662	0.61260523	1
CEACAM1	-8.1514927	0.19965135	1	-6.4161414	0.52259551	1
CEACAM16	0.27443917	1	1	1.26303441	1	1
CEACAM19	0.27443917	1	1	1.26303441	1	1
CEACAM20	0.27443917	1	1	-6.7598584	0.3629285	1
CEACAM3	-1.2852012	0.41759769	1	-1.7664131	0.06443991	1
CEACAM4	0.27443917	1	1	1.26303441	1	1
CEACAM5	0.27443917	1	1	1.26303441	1	1
CEACAM6	0.27443917	1	1	1.26303441	1	1
CEACAM7	0.27443917	1	1	1.26303441	1	1
CEBPA	0.68189797	0.83292902	1	-1.2948031	0.04421261	1
CEBPB	-1.0096552	0.11205904	1	-2.4286914	1.55E-10	4.27E-06
CEBPD	-0.0205726	0.68789913	1	-2.8387321	0.0801647	1
CEBPE	0.27443917	1	1	-7.4417206	0.3629285	1
CEBPG	-0.3380911	0.76450919	1	-0.7003215	0.33720317	1
CEBPZ	-0.3488661	0.7787818	1	-0.3054173	0.51125274	1
CEBPZOS	-1.5017238	0.45564792	1	-2.0776363	0.01837574	1
CELA1	-6.8152308	0.36779564	1	-7.5414472	0.3629285	1
CELA3B	0.27443917	1	1	1.26303441	1	1
CELF1	-0.1022196	0.45604888	1	0.32853413	0.33824523	1
CELF2	0.0872311	0.93570348	1	0.28721177	0.05840067	1
CELF3	0.27443917	1	1	1.26303441	1	1
CELF4	0.82547935	0.89260809	1	-1.2804861	0.37701669	1
CELF5	7.37245979	0.2752184	1	-0.5791002	0.52790957	1
CELF6	-6.0973458	0.36779564	1	-5.8694866	0.52259551	1
CELSR1	-1.3430004	0.26974246	1	1.33533153	0.24754618	1
CELSR2	0.27443917	1	1	1.26303441	1	1
CELSR3	0.27443917	1	1	1.26303441	1	1
CEMIP	-0.8776623	0.90231962	1	7.79128045	0.12281968	1
CEMIP2	0.00216912	0.64894855	1	0.46712923	0.76853435	1
CEMP1	-5.7150445	0.36779564	1	1.26303441	1	1
CEND1	0.27443917	1	1	1.26303441	1	1
CENPA	0.27443917	1	1	1.26303441	1	1
CENPB	0.09233178	0.96251788	1	0.03159329	0.36688637	1
CENPBD1	-8.0690035	0.19965135	1	-6.3315765	0.3629285	1
CENPC	-0.0756773	0.67495154	1	0.42903108	0.42220236	1
CENPE	-0.6080968	0.88923822	1	0.13101204	0.96702057	1

CENPF	-1.2938621	0.23578863	1	-0.627478	0.74698717	1
CENPH	-7.8095365	0.36779564	1	1.26303441	1	1
CENPI	0.7843683	0.4634873	1	3.47237562	0.15452883	1
CENPJ	-0.3308084	0.81565385	1	0.38674135	0.45555546	1
CENPK	-0.3181541	0.72136695	1	-0.3475597	0.43616289	1
CENPL	0.62023954	0.23586417	1	-0.3218894	0.97958058	1
CENPM	8.27831729	0.2752184	1	1.15507808	0.52790957	1
CENPN	0.36108473	0.89260809	1	-2.5021761	0.220656	1
CENPO	-1.6039576	0.5506235	1	-1.7544557	0.12901789	1
CENPP	-1.9810355	0.25400575	1	-2.0329516	0.37701669	1
CENPQ	8.0303035	0.2752184	1	-1.3132907	0.22856574	1
CENPT	-6.7650097	0.36779564	1	-7.3776817	0.26373073	1
CENPU	-0.8352397	0.90231962	1	-2.1597971	0.37197527	1
CENPV	-0.1856661	0.66794153	1	-1.1360206	0.12454758	1
CENPW	0.27443917	1	1	-8.8171603	0.11188911	1
CENPX	-0.0578686	0.54905584	1	-2.5275127	0.00028452	1
CEP104	-0.8659972	0.56983659	1	-0.1958872	0.88900504	1
CEP112	-0.4157982	0.80813657	1	0.64586439	0.0353989	1
CEP120	-0.1884541	0.85074947	1	0.23980672	0.376857	1
CEP126	-9.2623529	0.19965135	1	-8.3777072	0.26373073	1
CEP128	-1.0511063	0.06337369	1	-0.4934984	0.45274433	1
CEP131	2.64215022	0.22569004	1	1.45561366	0.2607118	1
CEP135	1.04195463	0.03259769	1	0.98555074	0.00846304	1
CEP152	-0.1837228	0.62894924	1	0.84817731	0.70841776	1
CEP162	-0.9774425	0.05472917	1	-0.7977026	0.07417941	1
CEP164	-0.0265469	0.79371018	1	-0.0818084	0.96351232	1
CEP170	0.01316382	0.13508466	1	0.19928818	0.31032923	1
CEP170B	-9.6330797	0.19965135	1	-6.7448913	0.52259551	1
CEP19	0.16897661	0.61712538	1	0.3851283	0.99482799	1
CEP192	0.19625124	0.28784876	1	0.83164124	0.0020973	1
CEP250	0.04348265	0.96351466	1	0.26273311	0.73479985	1
CEP290	-0.670714	0.86418693	1	-0.1050321	0.34782022	1
CEP295	0.46611796	0.25019231	1	0.22754946	0.44129615	1
CEP295NL	0.27443917	1	1	1.26303441	1	1
CEP350	-0.113142	0.53545954	1	0.13325395	0.38908669	1
CEP41	0.92075741	0.32290428	1	-0.4700466	0.88888815	1
CEP44	1.97452041	0.03190488	1	1.01558843	0.07978135	1
CEP55	0.27443917	1	1	-5.5808148	0.52259551	1
CEP57	-0.0337578	0.94628501	1	0.46713776	0.26667922	1
CEP57L1	0.79661607	0.24195253	1	0.89673789	0.53610046	1
CEP63	0.17574238	0.92139184	1	0.68016997	0.47565577	1
CEP68	-0.8231037	0.23492951	1	-0.3097917	0.82826679	1
CEP70	-0.6222017	0.32616132	1	0.03379453	0.93366024	1

CEP72	-0.9521895	0.68052236	1	-0.9436807	0.29509127	1
CEP76	-1.06665	0.52003827	1	-0.7910832	0.40958728	1
CEP78	0.35902681	0.78612901	1	0.98687663	0.23195773	1
CEP83	-0.1006732	0.76840514	1	0.24210133	0.837254	1
CEP85	-0.7072462	0.90498006	1	0.37151544	0.96074344	1
CEP85L	0.26424963	0.30664087	1	0.48537293	0.02757061	1
CEP89	-0.024627	0.53271112	1	0.16591658	0.44353245	1
CEP95	-0.272581	0.96675344	1	0.39165465	0.2895753	1
CEP97	0.60064056	0.3466669	1	0.65726108	0.36119061	1
CEPT1	-0.6643569	0.44216022	1	-0.4050265	0.55328819	1
CERCAM	0.27443917	1	1	-5.9175855	0.52259551	1
CERK	0.03707484	0.84069254	1	-0.113248	0.60341814	1
CERKL	0.12715462	0.90347447	1	-1.5894414	7.86E-05	1
CERS1	7.45361488	0.2752184	1	8.44221012	0.12281968	1
CERS2	2.26999055	0.02457834	1	0.40005685	0.28509364	1
CERS3	0.27443917	1	1	1.26303441	1	1
CERS4	-0.0900255	0.95492798	1	0.10881979	0.89249154	1
CERS5	0.27717795	0.69781341	1	0.85945403	0.20187412	1
CERS6	-0.7646312	0.01883798	1	-0.0703308	0.55812145	1
CES2	-0.1056466	0.54647286	1	-0.5635394	0.61691428	1
CES4A	0.27443917	1	1	1.26303441	1	1
CES5A	0.27443917	1	1	1.26303441	1	1
CES5A-1	0.27443917	1	1	1.26303441	1	1
CETN2	0.81882113	0.84452255	1	-1.4479882	0.10530922	1
CETN3	-2.2008993	0.67317602	1	-1.4176513	0.37701669	1
CETP	-1.0237937	0.54586113	1	-0.9213111	0.32773255	1
CFAP100	-0.050843	0.90231962	1	-1.7938645	0.37197527	1
CFAP126	0.48727261	0.4634873	1	-1.8063925	0.76363117	1
CFAP157	0.27443917	1	1	-7.6916673	0.3629285	1
CFAP161	-8.9797283	0.19965135	1	-7.1711892	0.3629285	1
CFAP20	1.79177957	0.08561293	1	-0.2745939	0.71117361	1
CFAP206	-2.4344594	0.67317602	1	-1.6677521	0.63637252	1
CFAP221	0.27443917	1	1	-6.1121484	0.52259551	1
CFAP298	0.04246914	0.70872485	1	-0.0190092	0.97649648	1
CFAP299	-0.520609	0.606741	1	-0.9210058	0.0968153	1
CFAP300	0.27443917	1	1	-7.5875941	0.3629285	1
CFAP36	-0.8326557	0.20785417	1	-2.2779095	0.00082993	1
CFAP410	0.09636275	0.29050098	1	-0.4886564	0.55221306	1
CFAP43	-9.9845305	0.06784723	1	-8.1708734	0.26373073	1
CFAP44	0.99222077	0.34097321	1	0.44453881	0.59349356	1
CFAP45	-8.6799221	0.11486391	1	-8.3833029	0.1958879	1
CFAP46	0.27443917	1	1	1.26303441	1	1
CFAP47	8.31177523	0.2752184	1	9.30037047	0.12281968	1

CFAP52	-7.9030652	0.36779564	1	-6.5913026	0.52259551	1
CFAP53	0.09307004	0.37418384	1	0.4841331	0.79055055	1
CFAP54	-1.0773817	0.41759769	1	-0.6634015	0.64428388	1
CFAP57	0.27443917	1	1	1.26303441	1	1
CFAP58	0.27443917	1	1	1.26303441	1	1
CFAP61	-7.5291749	0.36779564	1	1.26303441	1	1
CFAP65	-0.4222139	0.90231962	1	9.42158371	0.12281968	1
CFAP69	-1.9658662	0.16033359	1	-0.5856029	0.7770574	1
CFAP70	-0.7700653	0.34223921	1	0.28649235	0.59115271	1
CFAP73	-5.9776946	0.36779564	1	-5.8384965	0.52259551	1
CFAP74	0.27443917	1	1	-8.2682897	0.3629285	1
CFAP77	0.00203123	0.35934345	1	0.21635965	0.21784282	1
CFAP97	1.08202567	0.10772582	1	0.17811535	0.51730011	1
CFAP97D1	0.27443917	1	1	1.26303441	1	1
CFAP99	0.66327595	0.89260809	1	8.63632542	0.12281968	1
CFB	-8.6771626	0.19965135	1	-8.4645493	0.26373073	1
CFC1	0.27443917	1	1	1.26303441	1	1
CFD	-1.4134945	0.00600272	1	-2.7660496	4.50E-16	1.24E-11
CFDP1	-0.2608503	0.36075404	1	0.03481779	0.99556952	1
CFH	1.38204006	0.89260809	1	0.85175368	0.52790957	1
CFHR5	0.27443917	1	1	1.26303441	1	1
CFI	-0.1834161	0.84005996	1	-0.5124754	0.42102931	1
CFL1	-0.1451909	0.96345499	1	-1.7295723	1.90E-07	0.00523797
CFL2	-0.2859706	0.81082991	1	-0.4622337	0.94193884	1
CFLAR	-1.3932013	0.00169226	1	-0.8149144	0.06060188	1
CFP	2.06300528	0.79142405	1	1.31263879	0.7701278	1
CFTR	0.27443917	1	1	1.26303441	1	1
CGA	0.27443917	1	1	-10.762773	0.26373073	1
CGAS	-1.9022361	0.02772539	1	-1.1948693	0.18655507	1
CGB8	0.27443917	1	1	1.26303441	1	1
CGGBP1	-0.1253472	0.99454152	1	-1.1421467	0.0019076	1
CGN	0.27443917	1	1	-7.8072168	0.3629285	1
CGNL1	-1.5159052	0.30675406	1	-1.0597977	0.41544928	1
CGREF1	-6.0587014	0.36779564	1	-8.4226735	0.26373073	1
CGRRF1	-1.6173446	0.25884511	1	-2.0372338	0.01059785	1
CH25H	0.27443917	1	1	1.26303441	1	1
CHAC1	-8.6899084	0.19965135	1	1.26303441	1	1
CHAC2	-1.5461224	0.24373878	1	-1.7169131	0.25240725	1
CHAD	0.27443917	1	1	1.26303441	1	1
CHADL	-8.0630785	0.36779564	1	-6.9123974	0.52259551	1
CHAF1A	-1.7453034	0.41260835	1	-1.2140181	0.64032309	1
CHAF1B	-0.8828614	0.55540624	1	-0.6890154	0.8377889	1
CHAMP1	-0.3822657	0.62196477	1	-0.0260677	0.77786155	1

CHAT	0.27443917	1	1	1.26303441	1	1
CHCHD1	-0.3896939	0.7523418	1	-2.5663034	0.00050057	1
CHCHD10	-0.5836564	0.77429394	1	-2.4942869	1.05E-05	0.29014421
CHCHD2	-0.4637228	0.7929395	1	0.34933054	0.74977431	1
CHCHD3	0.4625773	0.01606743	1	0.63185106	0.01495053	1
CHCHD4	1.47328811	0.83770648	1	-1.1302832	0.40179637	1
CHCHD5	-2.9496378	0.15491715	1	-4.4115394	0.00371278	1
CHCHD6	0.50269126	0.27340687	1	-0.5488142	0.23243338	1
CHCHD7	-1.8935596	0.10233967	1	-2.6319022	0.00966173	1
CHCHD8	-0.9155287	0.37062913	1	-0.6511072	0.17181026	1
CHD1	-0.3604054	0.22357649	1	-0.1363005	0.30438163	1
CHD1L	0.36046092	0.26524399	1	0.02528636	0.58273895	1
CHD2	-0.2145698	0.26497328	1	0.07108071	0.60595799	1
CHD3	0.20288722	0.50235676	1	0.4713739	0.17125325	1
CHD4	-0.5018886	0.46216147	1	-0.2372652	0.39144284	1
CHD5	0.27443917	1	1	-7.5081902	0.52259551	1
CHD6	0.06042264	0.84829182	1	0.46492835	0.03005637	1
CHD7	-0.4764893	0.432353	1	-0.0225825	0.72743125	1
CHD8	-0.0277837	0.40832538	1	0.48190513	0.161014	1
CHD9	-0.3622764	0.55482187	1	-0.2864393	0.53619867	1
CHDH	6.80268521	0.2752184	1	-0.9770673	0.8895985	1
CHEK1	0.12019617	0.57599649	1	0.16524393	0.83001306	1
CHEK2	-0.0535966	0.80601313	1	-0.5782851	0.49195798	1
CHERP	-0.4046963	0.79776964	1	0.10198721	0.77179215	1
CHFR	0.38908931	0.2600663	1	0.7887038	0.06649004	1
CHGA	0.27443917	1	1	1.26303441	1	1
CHGB	0.27443917	1	1	1.26303441	1	1
CHI3L1	-2.1857065	0.09732661	1	-3.3202972	0.02930578	1
CHI3L2	1.1699335	0.23586417	1	-0.5630447	0.98586267	1
CHIC1	-0.003556	0.70296324	1	0.38948399	0.42015748	1
CHIC2	0.23326541	0.31515917	1	0.66537058	0.01814138	1
CHID1	-0.1897725	0.98303429	1	-0.3741919	0.40211813	1
CHIT1	-0.9053435	0.04355741	1	-2.4608409	4.32E-13	1.19E-08
CHKA	-1.2248549	0.25470556	1	-0.0558915	0.53849657	1
CHKB	-3.1276935	0.02423902	1	-3.5583403	0.00494579	1
CHL1	-9.2201208	0.19965135	1	-5.5899638	0.52259551	1
CHM	0.59674034	0.63325835	1	0.96670897	0.25594089	1
CHML	0.16210307	0.89972832	1	0.85107484	0.4297168	1
CHMP1A	0.32891422	0.53736775	1	-0.5428706	0.76458351	1
CHMP1B	0.02070348	0.81377786	1	-0.2469851	0.13045805	1
CHMP2A	0.14641308	0.75658528	1	-2.7380441	0.00064136	1
CHMP2B	-0.8505206	0.45758101	1	-1.9677781	0.01857929	1
CHMP3	-0.7148034	0.90231962	1	-1.2182981	0.29106049	1

CHMP4A	0.15819534	0.29618515	1	-0.8437878	0.12005201	1
CHMP4B	-0.1681657	0.81553464	1	-0.0086035	0.9594705	1
CHMP4C	-6.5132161	0.36779564	1	1.26303441	1	1
CHMP5	-1.3464707	0.05187561	1	-1.888154	0.00015192	1
CHMP6	-9.6634259	0.04066178	1	-8.5668713	0.08544191	1
CHMP7	0.6330982	0.92514765	1	-0.3022267	0.24910594	1
CHN1	0.27443917	1	1	-7.7812409	0.3629285	1
CHN2	-0.0848287	0.81226547	1	0.37807998	0.16917777	1
CHODL	0.27443917	1	1	1.26303441	1	1
CHORDC1	0.07412768	0.4081311	1	-0.4236608	0.23991219	1
CHP1	0.41512381	0.36940234	1	-0.1211411	0.89762434	1
CHP2	0.27443917	1	1	1.26303441	1	1
CHPF	-2.5034574	0.25076778	1	-1.7135896	0.64032309	1
CHPF2	-7.6013025	0.19965135	1	-9.523595	0.05042498	1
CHPT1	-0.2696475	0.7886374	1	-1.4196926	0.26025862	1
CHRAC1	0.13586772	0.54747867	1	-1.1069667	0.04217245	1
CHRD	0.27443917	1	1	1.26303441	1	1
CHRDL1	0.27443917	1	1	1.26303441	1	1
CHRDL2	0.27443917	1	1	1.26303441	1	1
CHRM1	0.27443917	1	1	-6.5089865	0.52259551	1
CHRM2	0.27443917	1	1	1.26303441	1	1
CHRM3	0.96565085	0.89260809	1	-1.0382416	0.64825479	1
CHRM4	0.27443917	1	1	1.26303441	1	1
CHRM5	0.27443917	1	1	1.26303441	1	1
CHRNA1	0.27443917	1	1	-7.5019293	0.52259551	1
CHRNA10	0.27443917	1	1	-8.0988611	0.26373073	1
CHRNA2	0.27443917	1	1	1.26303441	1	1
CHRNA3	-0.9448284	0.90231962	1	8.35599994	0.12281968	1
CHRNA5	7.21585798	0.2752184	1	8.20445321	0.12281968	1
CHRNA6	-8.1784445	0.36779564	1	1.26303441	1	1
CHRNA7	0.27443917	1	1	1.26303441	1	1
CHRNA9	2.61393622	0.15391423	1	1.78011073	0.14459246	1
CHRNB1	0.84161798	0.80799068	1	-0.4108761	0.10259215	1
CHRNB2	-6.0587014	0.36779564	1	-7.3559268	0.52259551	1
CHRNB3	0.27443917	1	1	1.26303441	1	1
CHRND	7.69213392	0.2752184	1	-0.2214678	0.52790957	1
CHRNE	-8.2807744	0.19965135	1	-7.7557338	0.3629285	1
CHRNG	0.27443917	1	1	-6.4466238	0.52259551	1
CHST1	0.27443917	1	1	1.26303441	1	1
CHST10	-0.1319099	0.90231962	1	-1.3611469	0.37955312	1
CHST11	-0.1876843	0.44490198	1	0.58237952	0.00060019	1
CHST12	-0.3497124	0.31750003	1	0.3346734	0.97316307	1
CHST14	-8.1193606	0.36779564	1	-7.9903707	0.3629285	1

CHST15	-0.39725	0.73225529	1	0.82427682	0.10291211	1
CHST2	-5.7676125	0.36779564	1	-8.7466387	0.1474095	1
CHST3	0.27443917	1	1	-4.2369282	0.52259551	1
CHST4	0.27443917	1	1	1.26303441	1	1
CHST5	0.27443917	1	1	1.26303441	1	1
CHST6	1.20318797	0.89260809	1	-0.7192687	0.52790957	1
CHST7	4.30491483	0.05633774	1	1.36344846	0.14677281	1
CHST8	0.27443917	1	1	1.26303441	1	1
CHST9	-2.0533139	0.67317602	1	-1.7870656	0.64032309	1
CHSY1	-0.3469998	0.19343568	1	0.28953383	0.77358373	1
CHSY3	-12.090556	0.19965135	1	1.26303441	1	1
CHTF18	-7.4529774	0.36779564	1	-6.57458	0.3629285	1
CHTOP	0.42437088	0.31526672	1	0.41483324	0.33445475	1
CHUK	-1.0711046	0.41619593	1	-0.1444112	0.70148415	1
CHURC1	1.08448667	0.2808953	1	-0.6713279	0.02496284	1
CIAO1	-0.0122895	0.76722589	1	-0.2652019	0.30343131	1
CIAO2A	-1.9622267	0.12585213	1	-2.3462601	0.00228355	1
CIAO2B	1.35383507	0.02443495	1	-1.2654636	0.00102309	1
CIAO3	-0.9334568	0.80862687	1	-1.6394288	0.16480972	1
CIAPIN1	-0.1784994	0.74893211	1	-0.9939544	0.32637814	1
CIART	0.27443917	1	1	1.26303441	1	1
CIB1	-1.4775741	0.19724552	1	-3.5728451	2.85E-09	7.85E-05
CIB2	0.27443917	1	1	-6.343917	0.52259551	1
CIB3	0.27443917	1	1	1.26303441	1	1
CIB4	0.27443917	1	1	1.26303441	1	1
CIC	-0.8444055	0.4518349	1	-0.0171412	0.88318044	1
CIDEA	0.27443917	1	1	-5.8457393	0.52259551	1
CIDEB	7.65175331	0.2752184	1	-0.2477055	0.8895985	1
CIDEC	7.14873999	0.2752184	1	0.81693175	0.52790957	1
CIITA	-2.7984173	0.40765452	1	-1.8809629	0.22379602	1
CILP	0.27443917	1	1	1.26303441	1	1
CILP2	0.27443917	1	1	-5.5505252	0.52259551	1
CINP	-1.1254056	0.92978603	1	-1.6949195	0.06669816	1
CIP2A	-2.2853174	0.36009138	1	-0.8461852	0.95888601	1
CIPC	0.68075648	0.13551498	1	-0.032406	0.99412332	1
CIR1	-0.0730383	0.86583138	1	-0.6877181	0.02027463	1
CIRBP	-0.1820936	0.79324648	1	-0.7951996	0.0158264	1
CISD1	1.45059269	0.50297656	1	-1.1107352	0.08979228	1
CISD2	0.88460644	0.57505529	1	-1.030131	0.00147389	1
CISD3	-0.8479767	0.20614044	1	-2.4093557	0.00013666	1
CISH	-0.9518876	0.26024548	1	-1.0364347	0.19773612	1
CIT	-7.3858295	0.36779564	1	-5.3789862	0.52259551	1
CITED1	0.27443917	1	1	1.26303441	1	1

CITED2	-1.33384	0.52886624	1	-1.7542323	0.01767042	1
CITED4	0.27443917	1	1	-7.8680929	0.3629285	1
CIZ1	0.32349853	0.38813357	1	0.37504655	0.27285628	1
CKAP2	1.12741056	0.89260809	1	0.5506384	0.8783593	1
CKAP2L	-0.31968	0.85818915	1	-0.7462404	0.8377889	1
CKAP4	0.80800199	0.33522687	1	-0.1285744	0.75137431	1
CKAP5	-1.2513356	0.0093745	1	-1.339869	0.00108961	1
CKB	-6.8979479	0.36779564	1	-10.312789	0.03005553	1
CKLF	0.53420244	0.006872	1	-0.7529375	0.06176308	1
CKM	0.01055152	0.4634873	1	-1.6467572	0.49948037	1
CKMT2	8.1751968	0.2752184	1	-0.0970534	0.85064705	1
CKS1B	-1.5670413	0.21765356	1	-2.8661103	0.00383527	1
CKS2	1.60570873	0.83770648	1	-1.0177799	0.04421261	1
CLASP1	-0.117598	0.68667057	1	0.25824473	0.49232892	1
CLASP2	-0.1585849	0.96284752	1	0.40910372	0.0279949	1
CLASRP	-0.0190412	0.72543846	1	-0.0321686	0.7512719	1
CLBA1	-1.0135448	0.90231962	1	8.09085257	0.12281968	1
CLCA1	0.27443917	1	1	-7.2390102	0.3629285	1
CLCA2	7.69213392	0.2752184	1	-0.0839965	0.8895985	1
CLCC1	0.05108863	0.9903368	1	0.163374	0.74444141	1
CLCF1	2.20523461	0.89260809	1	-0.5369096	0.8895985	1
CLCN1	8.0303035	0.2752184	1	9.01889873	0.12281968	1
CLCN2	0.25382439	0.90231962	1	0.02385463	0.8895985	1
CLCN3	-0.3796233	0.8018822	1	0.02656651	0.50387414	1
CLCN4	-0.6626511	0.89972832	1	-0.3516056	0.87008716	1
CLCN5	-2.1486899	0.14027165	1	-1.7915971	0.17523927	1
CLCN6	-0.1985188	0.95587934	1	-0.4857904	0.94728352	1
CLCN7	-0.3627741	0.36133645	1	-0.1870448	0.30600359	1
CLCNKB	0.27443917	1	1	1.26303441	1	1
CLDN1	0.27443917	1	1	1.26303441	1	1
CLDN10	0.27443917	1	1	1.26303441	1	1
CLDN11	0.27443917	1	1	1.26303441	1	1
CLDN12	8.05806834	0.2752184	1	0.12453266	0.88397598	1
CLDN14	0.27443917	1	1	1.26303441	1	1
CLDN15	-0.2855331	0.83021289	1	-0.4897148	0.98272149	1
CLDN16	0.27443917	1	1	-6.4176062	0.52259551	1
CLDN17	0.27443917	1	1	1.26303441	1	1
CLDN18	0.27443917	1	1	1.26303441	1	1
CLDN19	0.27443917	1	1	1.26303441	1	1
CLDN2	0.27443917	1	1	-7.1144581	0.52259551	1
CLDN20	-5.7150445	0.36779564	1	-8.1454438	0.3629285	1
CLDN22	0.27443917	1	1	1.26303441	1	1
CLDN23	-6.3243319	0.36779564	1	-7.2477604	0.3629285	1

CLDN25	0.27443917	1	1	1.26303441	1	1
CLDN3	-8.9670571	0.19965135	1	1.26303441	1	1
CLDN34	0.27443917	1	1	1.26303441	1	1
CLDN4	-9.3538014	0.19965135	1	-10.114097	0.08544191	1
CLDN5	0.27443917	1	1	1.26303441	1	1
CLDN6	0.27443917	1	1	1.26303441	1	1
CLDN7	-8.8395565	0.36779564	1	-8.8490306	0.1474095	1
CLDN8	-8.4020936	0.36779564	1	1.26303441	1	1
CLDND1	0.38938281	0.71096128	1	-0.5411981	0.22092361	1
CLDND2	0.6422797	0.89260809	1	0.8128934	0.8783593	1
CLEC10A	0.27443917	1	1	1.26303441	1	1
CLEC11A	0.27443917	1	1	1.26303441	1	1
CLEC12A	-2.5269474	0.13753807	1	-3.4981408	0.00290264	1
CLEC12B	0.27443917	1	1	-4.2369282	0.52259551	1
CLEC16A	-0.5997224	0.360944	1	0.43891886	0.11352333	1
CLEC17A	7.6094912	0.2752184	1	8.59808643	0.12281968	1
CLEC18A	-0.7818646	0.4226224	1	1.36966546	0.52223338	1
CLEC19A	0.27443917	1	1	1.26303441	1	1
CLEC1A	0.27443917	1	1	-3.7413079	0.52259551	1
CLEC1B	1.77706102	0.89260809	1	-3.0280727	0.07956777	1
CLEC20A	0.27443917	1	1	1.26303441	1	1
CLEC2A	0.27443917	1	1	1.26303441	1	1
CLEC2B	0.34912845	0.48627614	1	0.26265519	0.12029269	1
CLEC2D	0.22089751	0.24650421	1	0.05866952	0.9592279	1
CLEC2L	0.27443917	1	1	1.26303441	1	1
CLEC3B	0.27443917	1	1	-7.1683967	0.52259551	1
CLEC4A	-0.8927495	0.39672399	1	-1.2124072	0.15421852	1
CLEC4C	0.27443917	1	1	1.26303441	1	1
CLEC4D	0.27443917	1	1	-8.6161844	0.1474095	1
CLEC4E	-8.9973902	0.11486391	1	-10.021886	0.01801327	1
CLEC4G	0.27443917	1	1	1.26303441	1	1
CLEC5A	0.1834887	0.68789913	1	-3.2148489	0.04770358	1
CLEC6A	0.27443917	1	1	-6.2467138	0.3629285	1
CLEC7A	-1.3373177	0.21965172	1	-1.9508432	0.01921531	1
CLEC9A	0.27443917	1	1	1.26303441	1	1
CLECL1	-0.7124621	0.32825518	1	0.4497531	0.46885245	1
CLGN	0.27443917	1	1	-7.9590588	0.3629285	1
CLHC1	-1.161936	0.5506235	1	-1.0831859	0.40391052	1
CLIC2	0.27443917	1	1	-4.2369282	0.52259551	1
CLIC3	0.27443917	1	1	1.26303441	1	1
CLIC4	0.31341387	0.20485027	1	0.37764446	0.64648095	1
CLIC5	-1.6532304	0.2156685	1	-3.0188049	0.00296442	1
CLIC6	-7.0692986	0.19965135	1	1.26303441	1	1

CLINT1	-0.6074392	0.01957528	1	-0.2200385	0.15219974	1
CLIP1	-0.6606143	0.36929191	1	-0.6917332	0.1959964	1
CLIP2	-0.0755055	0.43369122	1	0.56964364	0.74177238	1
CLIP3	-7.9014069	0.36779564	1	1.26303441	1	1
CLIP4	-1.3552122	0.47372812	1	-0.3233016	0.61168301	1
CLK1	-0.2948639	0.6732033	1	-0.4290905	0.12591189	1
CLK2	-0.7502324	0.5559291	1	0.17154475	0.9078442	1
CLK3	-0.9854038	0.15457024	1	-1.2167529	0.06468521	1
CLK4	0.904135	0.02101775	1	0.10388245	0.62170416	1
CLMN	-1.9348147	0.01150154	1	0.21780997	0.70986304	1
CLMP	-9.2843943	0.19965135	1	-8.0399537	0.3629285	1
CLN3	-0.9869009	0.35697125	1	-1.0294043	0.16141322	1
CLN5	9.4370379	0.2752184	1	-0.6717122	0.10829175	1
CLN6	0.82509887	0.51164527	1	-0.9765888	0.27686595	1
CLN8	2.92603415	0.05820926	1	0.06169414	0.86907947	1
CLNK	0.25408557	0.42011075	1	0.36054627	0.51322959	1
CLNS1A	-0.4802365	0.56894863	1	-1.2540427	0.02172309	1
CLOCK	0.21491692	0.32468684	1	0.11978549	0.40578992	1
CLP1	-7.7715742	0.36779564	1	-8.7589579	0.1474095	1
CLPB	0.60086805	0.3474662	1	0.75810415	0.22377651	1
CLPP	-0.807321	0.8025791	1	-2.5201991	0.03742746	1
CLPS	-8.321014	0.36779564	1	-6.3963676	0.52259551	1
CLPSL1	0.27443917	1	1	1.26303441	1	1
CLPSL2	0.27443917	1	1	1.26303441	1	1
CLPTM1	1.90587026	0.00796353	1	0.65859339	0.23510968	1
CLPTM1L	1.62096445	0.12996434	1	0.05034724	0.49937844	1
CLPX	0.28527851	0.90213576	1	-0.1191762	0.93740083	1
CLRN2	0.27443917	1	1	1.26303441	1	1
CLRN3	0.27443917	1	1	1.26303441	1	1
CLSPN	7.79917819	0.2752184	1	8.78777343	0.12281968	1
CLSTN1	-0.3720247	0.7178955	1	-0.3576958	0.18506598	1
CLSTN2	-0.1387536	0.82075644	1	2.38965982	0.15660079	1
CLSTN3	-0.7511635	0.16386125	1	-0.8536972	0.32951735	1
CLTA	-0.9547605	0.11416445	1	-1.7165059	2.76E-05	0.76269569
CLTB	0.12453614	0.77404132	1	-0.9398506	0.04344501	1
CLTC	-0.3748476	0.25238062	1	-0.0658761	0.50590694	1
CLTCL1	0.27443917	1	1	-6.2364385	0.52259551	1
CLTRN	0.96410715	0.89260809	1	1.37303004	0.52223338	1
CLU	-7.4703458	0.36779564	1	-7.61818	0.3629285	1
CLUAP1	0.92696822	0.64654084	1	1.65834441	0.05981196	1
CLUH	-0.7076447	0.37418384	1	-0.4373551	0.51970102	1
CLUL1	0.27443917	1	1	-6.5383453	0.52259551	1
CLVS1	0.27443917	1	1	1.26303441	1	1

CLVS2	0.27443917	1	1	1.26303441	1	1
CLYBL	-0.4988778	0.35455803	1	-0.0829569	0.81237252	1
CMA1	0.27443917	1	1	-7.8722304	0.3629285	1
CMAH	0.10258635	0.36281029	1	0.20510295	0.77848827	1
CMAS	-0.3724714	0.79792132	1	-1.4307655	0.04855941	1
CMBL	0.27443917	1	1	-9.8987683	0.05042498	1
CMC1	-1.1022678	0.88950164	1	-1.1998948	0.04314785	1
CMC2	-0.2995315	0.60262762	1	-0.3997163	0.15187569	1
CMC4	-1.5017455	0.41260835	1	-1.20166	0.10829175	1
CMIP	-0.1278823	0.79815377	1	0.90139037	2.91E-07	0.0080178
CMKLR1	0.27443917	1	1	-4.4025832	0.52259551	1
CMPK1	0.03268868	0.96594549	1	-0.6383786	0.06852133	1
CMPK2	-3.5870329	0.00835951	1	-0.5304528	0.64428388	1
CMSS1	-0.1591779	0.83093979	1	0.9622389	0.04468215	1
CMTM1	-0.2436367	0.93386118	1	-0.7440086	0.22123746	1
CMTM2	-1.5339166	0.2572727	1	-1.3490925	0.64032309	1
CMTM3	0.11273398	0.76722589	1	-1.7164019	0.03065596	1
CMTM4	-2.2712125	0.41260835	1	-1.6797408	0.48702665	1
CMTM6	-0.7996835	0.20167317	1	-1.0853658	0.00111098	1
CMTM7	-0.073191	0.52046661	1	-0.450447	0.64255955	1
CMTM8	0.27443917	1	1	-8.73731	0.1474095	1
CMTR1	-0.7144858	0.15915229	1	0.44318841	0.1892922	1
CMTR2	7.50227797	0.2752184	1	-1.6335079	0.37449073	1
CMYA5	9.29492814	0.05637677	1	10.2835234	0.00720402	1
CNBD1	10.2357056	0.05637677	1	11.2243009	0.00720402	1
CNBD2	-0.4100964	0.8146861	1	-1.6077705	0.25674539	1
CNBP	-0.1625217	0.99624088	1	-0.9512042	0.00028332	1
CNDP1	-5.9776946	0.36779564	1	1.26303441	1	1
CNDP2	0.05894617	0.78682126	1	-0.0500239	0.69820998	1
CNEP1R1	1.1226958	0.00468419	1	1.6277197	0.00728655	1
CNFN	-5.7676125	0.36779564	1	-9.6372509	0.1958879	1
CNGA1	0.87221778	0.82683753	1	4.3613827	0.15452883	1
CNGA3	0.00356066	0.52174859	1	-0.4638773	0.81806389	1
CNGA4	0.27443917	1	1	1.26303441	1	1
CNGB1	-7.1050095	0.36779564	1	1.26303441	1	1
CNGB3	0.27443917	1	1	1.26303441	1	1
CNIH1	-0.7346027	0.46028289	1	-0.99123	0.04291994	1
CNIH2	-6.8152308	0.36779564	1	-8.0797898	0.3629285	1
CNIH3	-0.3668132	0.68052236	1	-0.9870515	0.49019995	1
CNIH4	-1.4333093	0.05326144	1	-2.316882	3.23E-05	0.89123124
CNKSR1	0.27443917	1	1	-6.4466238	0.52259551	1
CNKSR2	0.27443917	1	1	1.26303441	1	1
CNKSR3	0.27443917	1	1	-8.7929707	0.1474095	1

CNMD	1.6537886	0.45132853	1	-0.1389773	0.61483126	1
CNN1	-7.5288555	0.36779564	1	1.26303441	1	1
CNN2	-0.5521364	0.30978899	1	-1.1637346	0.00522475	1
CNN3	9.61147855	0.05637677	1	0.73994571	0.43245952	1
CNNM1	2.44268597	0.45132853	1	2.00239057	0.35926299	1
CNNM2	0.1658225	0.58553398	1	0.01256202	0.45958303	1
CNNM3	0.36894462	0.75870978	1	-0.0153859	0.86447042	1
CNNM4	-1.5280408	0.19279889	1	-0.209562	0.59560582	1
CNOT1	0.51994764	0.02742069	1	0.82444173	8.99E-05	1
CNOT10	-0.5700885	0.50770183	1	-0.0048198	0.91314176	1
CNOT11	-1.269272	0.03908555	1	-1.0513247	0.17270396	1
CNOT2	0.02432064	0.75552615	1	0.32278139	0.09807934	1
CNOT3	0.87389776	0.16675418	1	0.87903726	0.22722003	1
CNOT4	-0.2395056	0.55147173	1	-0.0252861	0.75138462	1
CNOT6	-0.6516668	0.8439798	1	-0.1503635	0.55625691	1
CNOT6L	0.28621801	0.01996511	1	0.44876821	0.02048074	1
CNOT7	0.27524589	0.48523806	1	-0.204573	0.72663081	1
CNOT8	-0.1561543	0.87846591	1	-0.0904029	0.73609614	1
CNOT9	-0.0373258	0.9896737	1	0.55429848	0.45883936	1
CNP	-1.3826663	0.1530924	1	-0.8487675	0.3422533	1
CNPPD1	1.3935781	0.49791849	1	-0.3516851	0.18806859	1
CNPY1	0.27443917	1	1	1.26303441	1	1
CNPY2	0.00606793	0.73731576	1	-1.2216191	0.0033108	1
CNPY3	-0.8874052	0.87710599	1	-1.4462546	0.13218934	1
CNPY4	1.56299819	0.51147027	1	0.00632144	0.8257311	1
CNR2	-6.9681996	0.36779564	1	-8.2455439	0.3629285	1
CNRIP1	-8.2150995	0.36779564	1	-8.0004874	0.26373073	1
CNST	-0.361701	0.25653681	1	-0.1282181	0.64880722	1
CNTD1	-1.4001782	0.63214419	1	-1.812384	0.32808488	1
CNTD2	-0.5432136	0.88400032	1	0.504988	0.44074823	1
CNTF	1.97306573	0.22904601	1	11.3661121	0.00720402	1
CNTFR	8.0621694	0.2752184	1	0.98915142	0.52790957	1
CNTLN	-0.5416333	0.84707516	1	-0.2749682	0.53642704	1
CNTN1	0.27443917	1	1	1.26303441	1	1
CNTN2	0.27443917	1	1	1.26303441	1	1
CNTN3	0.27443917	1	1	1.26303441	1	1
CNTN4	7.66031053	0.2752184	1	1.19541493	0.52790957	1
CNTN5	9.04691928	0.2752184	1	0.74373231	0.8783593	1
CNTN6	0.27443917	1	1	1.26303441	1	1
CNTNAP1	0.27443917	1	1	-8.789402	0.1958879	1
CNTNAP2	2.29648273	0.52580602	1	1.2055938	0.34586317	1
CNTNAP4	0.27443917	1	1	-5.5963704	0.52259551	1
CNTNAP5	-0.9071732	0.4226224	1	1.46633323	0.8783593	1

CNTRL	0.20247667	0.27912991	1	0.28069948	0.29743768	1
CNTROB	0.57032499	0.14374716	1	0.47162772	0.07327252	1
COA1	-0.2775572	0.19811354	1	-0.5031528	0.0249438	1
COA5	-1.3703444	0.24880431	1	-2.4615051	0.00755167	1
COASY	9.68471618	0.12052946	1	-0.341825	0.21871196	1
COBL	0.27443917	1	1	1.26303441	1	1
COBLL1	-1.2741494	0.24626241	1	1.9858561	0.15660079	1
COCH	8.75157109	0.12052946	1	-0.6994162	0.95141927	1
COG1	-0.0478845	0.73888986	1	-0.4635083	0.75198381	1
COG2	-0.0333614	0.85953877	1	-0.5533632	0.56156933	1
COG3	0.07444055	0.73199939	1	0.86216889	0.03036036	1
COG4	-0.638129	0.34071321	1	0.47952771	0.86870492	1
COG5	-0.4433216	0.10864583	1	0.18240533	0.09397226	1
COG6	0.13009628	0.99532879	1	-0.1412036	0.93309634	1
COG7	-0.9603498	0.22984006	1	-0.4747857	0.10430893	1
COIL	-0.2951084	0.73544378	1	-0.7093017	0.16816746	1
COL10A1	0.27443917	1	1	1.26303441	1	1
COL11A1	0.27443917	1	1	-6.6076133	0.52259551	1
COL11A2	0.27443917	1	1	-6.8217186	0.52259551	1
COL12A1	-9.5467351	0.19965135	1	1.26303441	1	1
COL13A1	0.27443917	1	1	1.26303441	1	1
COL14A1	8.43298848	0.2752184	1	2.28906268	0.52223338	1
COL15A1	7.67637454	0.2752184	1	8.66496977	0.12281968	1
COL16A1	0.27443917	1	1	1.26303441	1	1
COL18A1	-0.8620127	0.68052236	1	-1.4628879	0.63637252	1
COL19A1	0.27443917	1	1	-5.2686032	0.52259551	1
COL1A1	0.27443917	1	1	1.26303441	1	1
COL1A2	0.27443917	1	1	1.26303441	1	1
COL20A1	0.27443917	1	1	-4.2369282	0.52259551	1
COL21A1	-2.3071009	0.40765452	1	-0.5682127	0.8895985	1
COL22A1	0.27443917	1	1	1.26303441	1	1
COL23A1	0.59665081	0.89260809	1	0.75372577	0.85548905	1
COL24A1	0.27443917	1	1	1.26303441	1	1
COL25A1	0.27443917	1	1	1.26303441	1	1
COL26A1	0.27443917	1	1	1.26303441	1	1
COL27A1	-2.3851898	0.41260835	1	1.46158519	0.52223338	1
COL28A1	0.27443917	1	1	-4.2369282	0.52259551	1
COL2A1	0.27443917	1	1	1.26303441	1	1
COL3A1	0.27443917	1	1	1.26303441	1	1
COL4A1	8.28827283	0.2752184	1	9.27686806	0.12281968	1
COL4A2	0.27443917	1	1	-7.2493745	0.52259551	1
COL4A3	0.27443917	1	1	1.26303441	1	1
COL4A3BP	-0.5279398	0.07947853	1	-0.0082923	0.56973636	1

COL4A4	-0.4509545	0.90231962	1	-1.602092	0.63637252	1
COL4A5	0.27443917	1	1	-7.7536403	0.26373073	1
COL4A6	0.27443917	1	1	1.26303441	1	1
COL5A1	-9.793554	0.11486391	1	-8.7652014	0.1474095	1
COL5A2	0.21476561	0.52867968	1	0.28925258	0.20220355	1
COL5A3	-5.4928051	0.36779564	1	-8.6143626	0.1958879	1
COL6A1	0.27443917	1	1	1.26303441	1	1
COL6A2	-5.7150445	0.36779564	1	-7.4280408	0.3629285	1
COL6A3	0.27443917	1	1	1.26303441	1	1
COL6A5	0.27443917	1	1	1.26303441	1	1
COL6A6	0.27443917	1	1	1.26303441	1	1
COL8A1	8.65040632	0.12052946	1	9.63900155	0.02855238	1
COL8A2	0.27443917	1	1	1.26303441	1	1
COL9A1	0.27443917	1	1	1.26303441	1	1
COL9A2	0.27443917	1	1	1.26303441	1	1
COL9A3	0.27443917	1	1	-6.6920789	0.52259551	1
COLCA1	0.27443917	1	1	1.26303441	1	1
COLCA2	0.27443917	1	1	1.26303441	1	1
COLEC10	0.27443917	1	1	1.26303441	1	1
COLEC11	0.27443917	1	1	-6.6931447	0.52259551	1
COLEC12	-1.7029665	0.02161155	1	-0.7408827	0.09721616	1
COLGALT1	-0.3257489	0.75973525	1	-0.2564787	0.81774188	1
COLGALT2	0.27443917	1	1	-7.0292872	0.52259551	1
COLQ	-8.3259832	0.19965135	1	1.26303441	1	1
COMMD1	-0.410392	0.08464244	1	0.25358063	0.98861875	1
COMMD10	0.21563271	0.52484673	1	0.53473259	0.16436981	1
COMMD2	-0.297904	1	1	-1.3781905	0.04805747	1
COMMD3	-0.3109498	0.77577019	1	-1.8763083	0.00748489	1
COMMD5	-1.0851652	0.41759769	1	-2.8674459	0.02306511	1
COMMD6	0.13605189	0.81989237	1	-2.1580321	3.42E-10	9.45E-06
COMMD7	-0.3082979	0.60520399	1	-0.3571711	0.17251687	1
COMMD8	0.13107941	0.82075644	1	-2.0018502	0.06323076	1
COMMD9	-1.5232178	0.10590846	1	-2.8262091	0.00905945	1
COMP	-9.4792649	0.11486391	1	-9.736127	0.08544191	1
COMT	0.04569933	0.60329086	1	0.03178163	0.83502402	1
COMTD1	0.38983662	0.50663218	1	-1.4153204	0.27284375	1
COP1	-0.0691715	0.72736156	1	0.57132032	0.0037582	1
COPA	-0.7413484	0.14436958	1	-0.3656753	0.15252591	1
COPB1	-0.0857333	0.84923508	1	0.29389732	0.45966646	1
COPB2	-0.2491283	0.09881848	1	-0.3632546	0.04676322	1
COPE	-1.0219665	0.2068214	1	-1.8423708	2.48E-05	0.68571795
COPG1	-0.5884036	0.27375413	1	0.05057735	0.41580106	1
COPG2	0.1088903	0.85226617	1	0.02197191	0.7907172	1

COPRS	-1.2990649	0.27368742	1	-2.4889174	0.00571195	1
COPS2	-0.1456971	0.84519002	1	0.873721	0.05994965	1
COPS3	0.35553799	0.22810537	1	0.78222112	0.02144987	1
COPS4	-1.2002896	0.53342098	1	-1.4102628	0.16700361	1
COPS5	0.42432955	0.48956657	1	-0.7991359	0.06260842	1
COPS6	-0.9037647	0.23585766	1	-1.0795883	0.01355964	1
COPS7A	1.01458426	0.83770648	1	-0.439584	0.21871196	1
COPS7B	-0.1992282	0.79792132	1	-1.0214693	0.09273903	1
COPS8	-1.290473	0.04010045	1	-0.888004	0.06553008	1
COPS9	0.16418722	0.8539439	1	-1.7011314	1.56E-05	0.43073853
COPZ1	0.55690315	0.8105602	1	-1.2051528	0.00964286	1
COPZ2	0.27443917	1	1	-7.6605842	0.3629285	1
COQ10A	-9.0402793	0.11486391	1	-9.6111093	0.03889469	1
COQ10B	0.75370562	0.36434494	1	-1.233526	0.04569598	1
COQ2	1.99308428	0.50721408	1	0.36229682	0.91162908	1
COQ3	0.85473859	0.23586417	1	-0.9036513	0.81806389	1
COQ4	0.22804851	0.21571846	1	-0.2419528	0.9739587	1
COQ5	-3.2397646	0.25076778	1	-2.1986893	0.22379602	1
COQ6	-0.6455541	0.40332907	1	1.13786467	0.0204667	1
COQ7	-0.4224389	0.55059839	1	0.39785012	0.60387148	1
COQ8A	0.1434239	0.80601313	1	-0.5042058	0.4030459	1
COQ8B	-0.1753189	0.95171235	1	0.99527349	0.21666294	1
COQ9	-0.7412864	0.45470284	1	-0.4196928	0.35664905	1
CORIN	-2.1062002	0.90231962	1	-0.3411926	0.52790957	1
CORO1A	-0.5730948	0.26507458	1	-1.4837103	3.70E-06	0.10224145
CORO1B	-2.1991143	0.0954895	1	-1.802754	0.01632068	1
CORO1C	0.1236588	0.82269597	1	0.20209133	0.89728327	1
CORO2A	0.70851324	0.61807348	1	0.88522127	0.53302237	1
CORO2B	0.27443917	1	1	1.26303441	1	1
CORO6	-7.5569148	0.36779564	1	1.26303441	1	1
CORO7	0.05220795	0.64290572	1	0.25148508	0.29146335	1
CORT	0.27443917	1	1	1.26303441	1	1
COTL1	-0.0740349	0.53685992	1	-0.5869087	0.19434772	1
COX10	-0.0442418	0.96236337	1	0.75457473	0.03886948	1
COX11	0.66382749	0.52964575	1	-1.0472296	0.09096275	1
COX14	0.42170216	0.55076614	1	-1.0876333	0.00097448	1
COX16	-0.7365204	0.5903133	1	-1.6907676	0.00120987	1
COX17	-1.0307218	0.37021147	1	-2.0266521	0.00149564	1
COX19	0.33268189	0.38298631	1	-0.7893309	0.20293154	1
COX20	-0.2819261	0.55947039	1	-1.0211015	0.03774829	1
COX4I1	-0.1405817	0.57975143	1	-2.1631518	1.08E-13	2.99E-09
COX4I2	0.27443917	1	1	1.26303441	1	1
COX5A	-1.4009372	0.10910811	1	-2.6623936	3.09E-07	0.00851866

COX6A2	0.27443917	1	1	-8.9925998	0.3629285	1
COX6B1	-1.5662951	0.02518056	1	-2.8401952	2.49E-07	0.00687913
COX6B2	0.27443917	1	1	-5.7771597	0.3629285	1
COX6C	0.61364734	0.51316706	1	-1.8650052	4.52E-07	0.01246063
COX7A2L	-6.8152308	0.36779564	1	-9.8818191	0.0139617	1
COX7AH	-0.6670906	0.73544378	1	-2.6061767	0.00105533	1
COX7B	-1.3391772	0.21503144	1	-3.2901943	1.10E-08	0.00030477
COX7C	0.27443917	1	1	-6.6848959	0.3629285	1
COX8A	-0.0229994	0.98389537	1	-2.3322803	7.68E-07	0.02120594
CP	-0.1565702	0.7964018	1	-1.6386643	0.21867858	1
CPA1	0.27443917	1	1	1.26303441	1	1
CPA2	0.27443917	1	1	-8.4199919	0.52259551	1
CPA3	-10.751789	0.11486391	1	-9.2280772	0.1474095	1
CPA4	0.27443917	1	1	1.26303441	1	1
CPA5	0.27443917	1	1	1.26303441	1	1
CPA6	-1.1031915	0.90231962	1	0.76364708	0.52790957	1
CPAMD8	0.27443917	1	1	1.26303441	1	1
CPB1	0.27443917	1	1	1.26303441	1	1
CPB2	0.27443917	1	1	-7.6038707	0.3629285	1
CPD	-0.525432	0.29845385	1	-0.0883547	0.94862418	1
CPE	-0.5586209	0.68789913	1	-1.3693516	0.22696786	1
CPEB1	0.27443917	1	1	-5.9562946	0.52259551	1
CPEB2	0.48815791	0.16844052	1	0.26533744	0.75441342	1
CPEB3	-0.641732	0.11936477	1	0.24429629	0.3208046	1
CPEB4	-1.299152	0.05765236	1	-0.627877	0.07014243	1
CPED1	-0.3598592	0.8146861	1	0.30258375	0.79055055	1
CPHXL	-1.442988	0.90231962	1	-0.6751448	0.52790957	1
CPLANE1	0.23810535	0.26737916	1	0.51137725	0.01813005	1
CPLANE2	9.82127756	0.02713794	1	0.21732969	0.90338317	1
CPLX1	0.27443917	1	1	1.26303441	1	1
CPLX2	0.27443917	1	1	1.26303441	1	1
CPLX3	0.27443917	1	1	1.26303441	1	1
CPLX4	0.27443917	1	1	1.26303441	1	1
CPM	-3.5196891	0.00136035	1	-2.4608459	0.04917957	1
CPN1	0.27443917	1	1	1.26303441	1	1
CPN2	0.27443917	1	1	1.26303441	1	1
CPNE1	-0.3145393	0.87501461	1	-0.4514357	0.19694148	1
CPNE2	0.08624518	0.82075644	1	0.59907786	0.97756721	1
CPNE3	-0.7082792	0.96861886	1	-0.8534975	0.12908864	1
CPNE4	-0.8776045	0.20614044	1	0.82041198	0.73608321	1
CPNE5	7.66484764	0.2752184	1	-0.9006445	0.8895985	1
CPNE6	0.27443917	1	1	1.26303441	1	1
CPNE7	7.67637454	0.2752184	1	8.66496977	0.12281968	1

CPNE8	-1.4423216	0.67317602	1	-1.0960919	0.8895985	1
CPNE9	-1.3294152	0.36709546	1	0.03915896	0.83384139	1
CPO	0.27443917	1	1	1.26303441	1	1
CPOX	1.74530254	0.50164502	1	1.15392152	0.42426179	1
CPPED1	-0.7056727	0.39672399	1	-0.4521081	0.42118545	1
CPQ	-0.4079521	0.31773853	1	0.2878015	0.66380601	1
CPS1	0.27443917	1	1	1.26303441	1	1
CPSF1	0.43620581	0.15451338	1	0.15224648	0.73808668	1
CPSF2	0.18829565	0.53791057	1	0.21172368	0.84713094	1
CPSF3	0.11202839	0.54382852	1	0.05590457	0.8965701	1
CPSF4	0.95376614	0.31685518	1	0.07645092	0.87278767	1
CPSF4L	0.27443917	1	1	-8.010121	0.1958879	1
CPSF6	0.35113325	0.06329299	1	0.46618206	0.18125035	1
CPSF7	-0.7736498	0.42671372	1	-1.0954029	0.05183095	1
CPT1A	-0.1391289	0.15488143	1	0.2484277	0.24737198	1
CPT1B	-7.8239868	0.36779564	1	-8.4236914	0.26373073	1
CPT1C	0.27443917	1	1	1.26303441	1	1
CPT2	-5.3209596	0.36779564	1	1.26303441	1	1
CPTP	7.34125167	0.2752184	1	8.3298469	0.12281968	1
CPVL	-2.3901548	0.41260835	1	-1.4552146	0.0838231	1
CPXCR1	0.27443917	1	1	1.26303441	1	1
CPXM2	0.27443917	1	1	1.26303441	1	1
CPZ	0.27443917	1	1	1.26303441	1	1
CR1	-0.6616069	0.8209061	1	-0.2646791	0.70139511	1
CR2	9.68121796	0.05637677	1	1.03589154	0.26719484	1
CRABP1	0.27443917	1	1	1.26303441	1	1
CRABP2	0.27443917	1	1	1.26303441	1	1
CRACR2A	-0.0270248	0.94063869	1	0.75584693	0.03737027	1
CRACR2B	-6.0587014	0.36779564	1	-8.1982385	0.1474095	1
CRADD	0.0274606	0.90323077	1	0.3292441	0.97639417	1
CRAMP1	0.00814311	0.85176433	1	0.78390508	0.18862998	1
CRAT	7.66484764	0.2752184	1	0.83458394	0.8783593	1
CRB1	8.29309104	0.2752184	1	1.03622703	0.52790957	1
CRB2	0.27443917	1	1	1.26303441	1	1
CRB3	0.27443917	1	1	-7.2838413	0.52259551	1
CRBN	0.32763203	0.22743353	1	0.11589301	0.84222844	1
CRCP	-0.844028	0.40411196	1	-1.1160831	0.18698197	1
CRCT1	0.27443917	1	1	1.26303441	1	1
CREB1	0.1901264	0.4819493	1	0.07647637	0.95538127	1
CREB3	0.24513844	0.50663218	1	-0.6478444	0.7333675	1
CREB3L1	0.27443917	1	1	-6.715712	0.52259551	1
CREB3L2	-0.9939285	0.08438775	1	-0.8757974	0.19392534	1
CREB3L3	0.27443917	1	1	1.26303441	1	1

CREB3L4	-8.7512334	0.19965135	1	-8.3771042	0.26373073	1
CREB5	-1.0215732	0.36709546	1	-0.5401563	0.50953818	1
CREBBP	0.34659466	0.04164151	1	0.60118349	6.96E-05	1
CREBL2	-3.564098	0.09208856	1	-2.5899003	0.2190979	1
CREBRF	-0.0901955	0.92204058	1	0.2301717	0.80253389	1
CREBZF	1.05307598	0.04474055	1	0.96298585	0.21629134	1
CREG1	-1.7126795	0.09462307	1	-1.7388078	0.0243611	1
CREG2	0.27443917	1	1	1.26303441	1	1
CRELD1	0.01234179	0.74505351	1	-1.0687521	0.161406	1
CRELD2	-0.6458924	0.68052236	1	-2.0124476	0.06395824	1
CREM	-0.8388103	0.03723582	1	-0.2082325	0.2735982	1
CRH	0.27443917	1	1	1.26303441	1	1
CRHBP	0.27443917	1	1	1.26303441	1	1
CRHR1	0.27443917	1	1	1.26303441	1	1
CRHR2	0.27443917	1	1	1.26303441	1	1
CRIM1	-0.5916875	0.89289473	1	-0.1139288	0.95588511	1
CRIP1	-0.4920029	0.03863817	1	-1.9098386	2.89E-14	7.98E-10
CRIP2	1.73050207	0.89260809	1	-2.0866531	0.37197527	1
CRIP3	0.27443917	1	1	1.26303441	1	1
CRIPT	-1.3728663	0.14728833	1	-1.7000606	0.09067947	1
CRISP1	0.27443917	1	1	1.26303441	1	1
CRISP2	0.27443917	1	1	1.26303441	1	1
CRISP3	0.27443917	1	1	1.26303441	1	1
CRISPLD1	0.27443917	1	1	1.26303441	1	1
CRISPLD2	0.27443917	1	1	1.26303441	1	1
CRK	-0.3816393	0.83515605	1	0.03660847	0.41601525	1
CRKL	0.72103982	0.35242077	1	0.26950219	0.94483674	1
CRLF1	0.27443917	1	1	-6.6237736	0.52259551	1
CRLF2	-2.1162119	0.25076778	1	-0.8253279	0.8895985	1
CRLF3	-0.2572999	0.97918011	1	-0.2547339	0.50210261	1
CRLS1	1.07489384	0.06803546	1	0.49997921	0.24191895	1
CRMP1	0.27443917	1	1	1.26303441	1	1
CRNDE	0.27443917	1	1	-7.6299721	0.3629285	1
CRNKL1	-0.7620536	0.08926937	1	-1.3627448	0.00597913	1
CROCC	-0.4885661	0.98426458	1	0.63924772	0.69627613	1
CROCC2	0.27443917	1	1	1.26303441	1	1
CROT	1.01670885	0.32595688	1	1.35420686	0.24153751	1
CRPPA	0.48673016	0.0743502	1	0.72397358	0.05152722	1
CRTAC1	0.27443917	1	1	1.26303441	1	1
CRTAM	-0.6264224	0.89677008	1	-0.2003321	0.8576538	1
CRTAP	-0.3969046	0.88400032	1	1.50066327	0.42154953	1
CRTC1	-0.190206	0.65748202	1	0.4457709	0.71633177	1
CRTC2	0.92982682	0.83292902	1	-1.2765097	0.16284956	1

CRTC3	-0.8454806	0.27585432	1	-1.0832177	0.41123243	1
CRY1	0.31094778	0.44951805	1	0.52342199	0.07441339	1
CRY2	-0.089304	0.86544623	1	0.02021922	0.88351917	1
CRYAA	0.27443917	1	1	1.26303441	1	1
CRYAB	8.68570995	0.2752184	1	0.34374847	0.88397598	1
CRYBA1	-8.2873201	0.19965135	1	-8.3131412	0.1958879	1
CRYBA2	0.27443917	1	1	1.26303441	1	1
CRYBA4	0.62298602	0.32595688	1	2.66763501	0.01378725	1
CRYBB1	0.27443917	1	1	1.26303441	1	1
CRYBB2	0.27443917	1	1	1.26303441	1	1
CRYBB3	0.90421104	0.29834994	1	1.35263506	0.10591179	1
CRYBG1	0.07243775	0.82025648	1	0.1110905	0.78211532	1
CRYBG2	-0.6567807	0.39958324	1	-0.0824467	0.94263624	1
CRYBG3	-1.7006619	0.03888679	1	-0.5747543	0.49570632	1
CRYGA	0.27443917	1	1	1.26303441	1	1
CRYGB	0.27443917	1	1	1.26303441	1	1
CRYGN	0.27443917	1	1	1.26303441	1	1
CRYGS	8.70390316	0.12052946	1	0.03555084	0.61483126	1
CRYL1	-0.8668826	0.2165655	1	-1.2445369	0.01684949	1
CRYM	0.27443917	1	1	1.26303441	1	1
CRYZ	1.97004539	0.7969362	1	1.29577284	0.77965139	1
CRYZL1	0.10473182	0.33782306	1	0.89653762	0.08352637	1
CS	-0.05189	1	1	-0.3155724	0.7236168	1
CSAD	0.21443132	0.75446261	1	0.54829449	0.71565781	1
CSDC2	-6.0587014	0.36779564	1	1.26303441	1	1
CSDE1	-0.0528878	0.92072649	1	-0.1874683	0.32670084	1
CSE1L	-0.7234244	0.67148242	1	-0.1739619	0.90986005	1
CSF1	-2.1209817	0.67317602	1	-4.0791777	0.07838475	1
CSF1R	-0.488822	0.88923822	1	-0.9610003	0.18655507	1
CSF2	0.27443917	1	1	-6.2016427	0.3629285	1
CSF2RB	-2.7120778	0.24755874	1	-1.7158367	0.22537795	1
CSF3	-8.3232364	0.36779564	1	1.26303441	1	1
CSF3R	-8.5041818	0.19965135	1	-8.3259216	0.1474095	1
CSGALNACT1	1.34871892	0.51574504	1	3.23095988	0.04189231	1
CSGALNACT2	-0.6050655	0.04103542	1	-0.6724462	0.01790042	1
CSK	-0.0096342	0.9142539	1	-0.3566571	0.12049504	1
CSKMT	-0.4666771	0.68789913	1	-1.6700074	0.06443991	1
CSMD1	1.33852437	0.45132853	1	10.1307337	0.02855238	1
CSMD2	-7.0040063	0.36779564	1	1.26303441	1	1
CSMD3	-9.0672042	0.19965135	1	-7.9846522	0.3629285	1
CSN2	0.27443917	1	1	1.26303441	1	1
CSNK1A1	-0.2198099	0.5991538	1	-0.0133921	0.82625407	1
CSNK1A1L	0.27443917	1	1	1.26303441	1	1

CSNK1D	-0.0288839	0.65022611	1	-0.2614162	0.97316623	1	
CSNK1E	1.04889313	0.21173758	1	0.6717974	0.3771735	1	
CSNK1G1	0.3651831	0.27698807	1	0.32611952	0.2786522	1	
CSNK1G2	0.14522594	0.27724224	1	0.39037661	0.21722106	1	
CSNK1G3	-0.1118278	0.89745803	1	0.37277408	0.60972726	1	
CSNK2A1	0.04233756	0.98490041	1	-0.0449072	0.94123328	1	
CSNK2A2	0.61093366	0.31040358	1	-0.1679406	0.43829376	1	
CSNK2B	0.2184035	0.45549936	1	-1.2088576	0.02482081	1	
CSPG4	0.27443917	1	1	1.26303441	1	1	
CSPG5	-9.0267952	0.19965135	1	-9.1598418	0.1958879	1	
CSPP1	-0.0246493	0.87410619	1	0.06668177	0.74210542	1	
CSRNP1	0.15943723	0.83762769	1	0.23999562	0.6371433	1	
CSRNP2	-0.3654649	0.7939699	1	0.69184075	0.96958629	1	
CSRNP3	0.27443917	1	1	1.26303441	1	1	
CSRP1	1.35014903	0.50721408	1	1.1949524	0.31185904	1	
CSRP2	0.27443917	1	1	-9.7093975	0.11188911	1	
CSRP3	0.27443917	1	1	1.26303441	1	1	
CST2	0.27443917	1	1	1.26303441	1	1	
CST3	0.02986535	0.68789913	1	-2.7088411	0.00542144	1	
CST6	-2.731298	0.0954895	1	-3.846944	0.00028945	1	
CST7	-1.0285112	0.09017884	1	-2.8689141	2.43E-07	0.00670028	
CSTA	-2.0255098	0.41260835	1	-2.6856289	0.02999184	1	
CSTB	-1.0324691	0.17884977	1	-3.0304064	3.01E-13	8.31E-09	
CSTF1	-1.230719	0.36709546	1	-1.1203192	0.26260971	1	
CSTF2	0.34702354	0.85135027	1	-1.3836895	0.40603132	1	
CSTF2T	9.05455027	0.12052946	1	-0.4633331	0.78379585	1	
CSTF3	0.3800341	0.3854321	1	0.11622222	0.67604569	1	
CSTL1	0.27443917	1	1	1.26303441	1	1	
CTBP1	0.3684315	0.19744433	1	0.41080202	0.11244948	1	
CTBP2	0.04152434	0.84441805	1	0.48663588	0.74751737	1	
CTBS	0.61763129	0.68156846	1	-0.9359604	0.06658529	1	
CTC1	-0.083299	0.65379415	1	0.05614529	0.54344151	1	
CTCF	-0.2345677	0.51319931	1	-0.0776098	0.63825308	1	
CTCFL	0.27443917	1	1	1.26303441	1	1	
CTDNEP1	-0.2230916	0.91685402	1	-1.7427798	0.01694281	1	
CTDP1	0.85514242	0.03646368	1	0.78106115	0.01612511	1	
CTDSP1	0.0056749	0.75076755	1	0.09604719	0.77129554	1	
CTDSP2	-1.2599498	0.64785906	1	-0.7792035	0.80803254	1	
CTDSPL	-1.6325776	0.90231962	1	-1.7377854	0.64032309	1	
CTDSPL2	0.48429691	0.16054528	1	0.62086613	0.13307013	1	
CTF1	0.27443917	1	1	1.26303441	1	1	
CTH	-9.8218715	0.36779564	1	1.26303441	1	1	
CTHRC1	0.27443917	1	1	-7.2891398	0.3629285	1	

CTLA4	-8.2724366	0.36779564	1	-5.0483792	0.52259551	1
CTNNA1	-0.9914057	0.20133702	1	-0.3649314	0.73453728	1
CTNNA2	-8.8490955	0.11486391	1	-6.7882866	0.52259551	1
CTNNA3	0.50827176	0.37702812	1	0.77043031	0.46368831	1
CTNNAL1	0.70726973	0.83770648	1	0.9618248	0.82595901	1
CTNNB1	0.03569324	0.3679717	1	0.34637643	0.13596524	1
CTNNBIP1	0.54581591	0.87556323	1	0.81480612	0.83416789	1
CTNNBL1	-0.7967594	0.01131469	1	-0.2197001	0.34965492	1
CTNND1	-1.24671	0.09296841	1	0.25015357	0.53401295	1
CTNND2	0.27443917	1	1	1.26303441	1	1
CTNS	-1.1705495	0.22368746	1	-1.0771131	0.12119848	1
CTPS1	0.68762943	0.09225509	1	0.60541641	0.00816777	1
CTPS2	0.20943188	0.48452821	1	-0.1091267	0.24277122	1
CTR9	-0.4183034	0.9803198	1	-0.0742322	0.60428538	1
CTRB2	0.27443917	1	1	1.26303441	1	1
CTRC	7.92434291	0.2752184	1	1.26446805	0.52223338	1
CTRL	8.4577626	0.2752184	1	0.43754039	0.52790957	1
CTSA	-1.4964597	0.02358659	1	-2.3234994	4.38E-05	1
CTSB	-1.0740359	0.00455388	1	-1.6815483	4.34E-08	0.00119667
CTSC	0.02639128	0.70164132	1	-0.6189088	0.17182057	1
CTSD	-3.1375676	0.15285381	1	-3.2227286	0.07897446	1
CTSD-1	0.27443917	1	1	-6.8357842	0.52259551	1
CTSE	0.27443917	1	1	1.26303441	1	1
CTSF	0.72619066	0.50663218	1	-0.0492633	0.73880222	1
CTSG	0.27443917	1	1	-10.019168	0.05042498	1
CTSH	-0.9255369	0.28022314	1	-1.5706491	0.00732113	1
CTSK	0.12438347	0.24457004	1	-0.3632283	0.78834317	1
CTSL	-0.9894563	0.2572727	1	-2.6118022	0.01151015	1
CTSO	0.74285743	0.81353247	1	-0.4153265	0.73065512	1
CTSS	-0.00905	0.96636148	1	-0.7986969	0.00776627	1
CTSV	9.06207114	0.2752184	1	10.0506664	0.12281968	1
CTSW	-1.0124895	0.64994186	1	-2.3746111	0.00702077	1
CTSZ	-0.5089979	0.2348379	1	-1.6934371	0.00037264	1
CTTN	9.97222694	0.02713794	1	1.36723508	0.01303657	1
CTTNBP2	7.69213392	0.2752184	1	8.68072916	0.12281968	1
CTTNBP2NL	-5.3209596	0.36779564	1	-8.7112299	0.1958879	1
CTU1	-2.0364073	0.67317602	1	-3.3634799	0.0611303	1
CTU2	1.26635403	0.28849851	1	0.87668046	0.97997422	1
CTXN1	-7.9030652	0.36779564	1	1.26303441	1	1
CTXN2	0.27443917	1	1	1.26303441	1	1
CTXN3	0.27443917	1	1	1.26303441	1	1
CTXND1	-8.1704246	0.36779564	1	1.26303441	1	1
CUBN	0.18591256	0.5393955	1	1.12430173	0.17728924	1

CUEDC1	-1.1574648	0.78682126	1	2.14314897	0.19005421	1
CUEDC2	8.009752	0.2752184	1	0.0627521	0.85064705	1
CUEDC2-1	9.25890408	0.12052946	1	-0.0271331	0.96262077	1
CUL1	-0.0630041	0.85037654	1	0.41629564	0.4194217	1
CUL2	0.26586118	0.25051871	1	0.52917428	0.16040062	1
CUL3	0.19838997	0.51303485	1	0.05341848	0.78018754	1
CUL4A	-0.0608816	0.62661769	1	0.57805155	0.01488496	1
CUL4B	0.61557458	0.47718056	1	0.18412266	0.92868004	1
CUL5	-0.0435184	0.75002298	1	0.04140556	0.84223127	1
CUL7	-0.5803961	0.8210583	1	-0.4163127	0.71117361	1
CUL9	1.02692987	0.29267496	1	1.11630114	0.06966911	1
CUTA	-0.2674357	0.57889094	1	-2.1680074	8.52E-06	0.23512202
CUTC	0.33621623	0.54093221	1	-0.2564731	0.88972246	1
CUX1	0.22318749	0.2551565	1	0.68707317	0.00098842	1
CUX2	8.74962973	0.12052946	1	9.73822497	0.02855238	1
CUZD1	0.27443917	1	1	1.26303441	1	1
CWC15	-0.512353	0.37934693	1	-1.5118895	0.00051171	1
CWC22	0.3530242	0.84960475	1	0.47137649	0.92205253	1
CWC25	0.61884592	0.09568654	1	0.25846719	0.31946623	1
CWC27	0.38587905	0.32651948	1	0.53220977	0.15716718	1
CWF19L1	-0.4671175	0.36456505	1	0.17538061	0.81348412	1
CWF19L2	0.40606259	0.01520799	1	0.27443099	0.1465971	1
CWH43	0.27443917	1	1	1.26303441	1	1
CX3CL1	0.27443917	1	1	1.26303441	1	1
CX3CR1	-8.1704246	0.36779564	1	1.26303441	1	1
CXADR	-0.103969	0.90498006	1	0.76386136	0.13616793	1
CXCL1	0.27443917	1	1	-4.9780404	0.52259551	1
CXCL10	0.27443917	1	1	1.26303441	1	1
CXCL11	-7.1050095	0.36779564	1	-6.1519811	0.52259551	1
CXCL12	0.27443917	1	1	1.26303441	1	1
CXCL13	0.27443917	1	1	1.26303441	1	1
CXCL14	0.27443917	1	1	1.26303441	1	1
CXCL16	-2.6819733	0.23139323	1	-3.7679466	0.00480167	1
CXCL17	0.82850733	0.4634873	1	-1.2518862	0.50449606	1
CXCL3	0.27443917	1	1	-7.5030438	0.26373073	1
CXCL6	0.27443917	1	1	1.26303441	1	1
CXCL8	-9.2082472	0.19965135	1	-11.291791	0.00109181	1
CXCL9	7.45795187	0.2752184	1	-1.7219772	0.64032309	1
CXCR1	0.27443917	1	1	1.26303441	1	1
CXCR2	0.27443917	1	1	1.26303441	1	1
CXCR3	0.27443917	1	1	-7.1456917	0.26373073	1
CXCR4	1.07055839	0.14656419	1	0.92766714	0.06442503	1
CXCR5	-1.3740587	0.54586113	1	-0.4736835	0.95515215	1

CXCR6	-7.4175216	0.19965135	1	-9.6129887	0.05042498	1
CXHXorf21	-2.6106574	0.41759769	1	-1.4015003	0.37449073	1
CXHXorf38	-1.1553656	0.0211287	1	-0.5650731	0.3929846	1
CXHXorf40A	9.03358332	0.12052946	1	2.69217897	0.15452883	1
CXHXorf40B	0.0029622	0.7964018	1	1.05037227	0.31584189	1
CXHXorf56	-1.1449798	0.40245486	1	0.15521327	0.4675341	1
CXHXorf58	7.66031053	0.2752184	1	1.96852392	0.52223338	1
CXHXorf65	0.40835324	0.85135027	1	1.03412062	0.365771	1
CXHXorf66	0.27443917	1	1	1.26303441	1	1
CXXC1	-0.8121488	0.71450081	1	-0.8065815	0.40794604	1
CXXC4	0.27443917	1	1	1.26303441	1	1
CXXC5	0.75264905	0.07305691	1	-0.1339119	0.51200804	1
CYB561	0.27443917	1	1	-4.8452911	0.3629285	1
CYB561D2	1.05050237	0.23586417	1	-1.2024805	0.14937667	1
CYB5A	-0.3887582	0.88616047	1	-2.2819086	0.00084275	1
CYB5B	-0.0145806	0.64037941	1	-0.2547177	0.80622856	1
CYB5D2	9.56910868	0.05637677	1	-0.4125315	0.86712811	1
CYB5R1	-8.4444144	0.19965135	1	-8.1041086	0.26373073	1
CYB5R3	-1.2165632	0.32838273	1	-1.6903343	0.09171426	1
CYB5R4	-1.0290301	0.05188158	1	-0.6870995	0.06594056	1
CYB5RL	1.19074255	0.89260809	1	-0.2444635	0.8895985	1
CYBB	-1.0814364	0.02389432	1	-0.5701108	0.07692706	1
CYBRD1	-1.4875935	0.8025791	1	-0.5048291	0.61094938	1
CYC1	0.1545114	0.70539858	1	-1.4451798	0.00086671	1
CYCS	-0.9423225	1	1	-1.384502	0.12111982	1
CYFIP1	-0.1655018	0.93752782	1	0.96248768	0.44408973	1
CYFIP2	-0.2329385	0.34468776	1	-0.1385966	0.47081884	1
CYGB	0.27443917	1	1	1.26303441	1	1
CYHR1	-0.0220758	0.7964018	1	-0.4873757	0.59349338	1
CYHYorf15B	-2.1563622	0.2572727	1	-2.999427	0.21754771	1
CYLC1	0.27443917	1	1	1.26303441	1	1
CYLD	-0.1701489	0.72788144	1	0.54091568	0.06603737	1
CYorf15A	1.55524569	0.21507949	1	0.88834343	0.34957997	1
CYP17A1	-9.1583765	0.36779564	1	-5.5119993	0.52259551	1
CYP19A1	0.27443917	1	1	1.26303441	1	1
CYP1A1	0.27443917	1	1	1.26303441	1	1
CYP1B1	0.27443917	1	1	1.26303441	1	1
CYP1D1	0.27443917	1	1	1.26303441	1	1
CYP21A2	0.27443917	1	1	1.26303441	1	1
CYP26A1	0.27443917	1	1	1.26303441	1	1
CYP27A1	-1.4053788	0.02148385	1	-1.9489779	0.00061976	1
CYP27B1	0.27443917	1	1	1.26303441	1	1
CYP2A23	0.27443917	1	1	1.26303441	1	1

CYP2A24	0.27443917	1	1	1.26303441	1	1
CYP2A26	0.27443917	1	1	1.26303441	1	1
CYP2B6	0.27443917	1	1	-7.745783	0.52259551	1
CYP2C18	0.27443917	1	1	1.26303441	1	1
CYP2C75	-0.8217014	0.68052236	1	8.28078139	0.12281968	1
CYP2C76	9.12224388	0.12052946	1	1.42347629	0.59553177	1
CYP2C8	0.27443917	1	1	1.26303441	1	1
CYP2C9	0.27443917	1	1	1.26303441	1	1
CYP2C93	-1.329419	0.90231962	1	-2.0278349	0.84581067	1
CYP2D6	1.05342775	0.68789913	1	1.43715794	0.8783593	1
CYP2E1	0.27443917	1	1	1.26303441	1	1
CYP2F1	0.27443917	1	1	-9.0363811	0.11188911	1
CYP2R1	0.67591873	0.50663218	1	0.19725581	0.79559712	1
CYP39A1	-9.4093681	0.19965135	1	-8.357444	0.26373073	1
CYP3A43	0.27443917	1	1	1.26303441	1	1
CYP3A5	-2.7483401	0.40765452	1	-2.5037506	0.28706691	1
CYP3A7	-6.3243319	0.36779564	1	-7.5270476	0.26373073	1
CYP4F12	0.27443917	1	1	1.26303441	1	1
CYP4F22	9.44795848	0.12052946	1	10.4365537	0.02855238	1
CYP4F8	0.27443917	1	1	1.26303441	1	1
CYP4V2	-0.6931137	0.83579048	1	-0.2046889	0.4285496	1
CYP7A1	0.27443917	1	1	-3.4115773	0.52259551	1
CYREN	-8.6600318	0.19965135	1	-6.762614	0.26373073	1
CYSLTR1	0.27828877	0.26823968	1	1.13986157	0.00421706	1
CYSLTR2	-0.2098933	0.9118935	1	-0.1175455	0.61638616	1
CYSRT1	0.27443917	1	1	1.26303441	1	1
CYSTM1	-1.5407545	0.1105997	1	-1.5738275	0.00297327	1
CYTH1	0.17220397	0.27052516	1	0.78543861	3.17E-05	0.87526071
CYTH2	-1.0928422	0.89448096	1	-1.4820897	0.1153481	1
CYTH3	-1.9906188	0.40765452	1	-3.7264603	0.03667268	1
CYTH4	0.67819534	0.24132058	1	-0.1566712	0.62925048	1
CYTIP	0.14989927	0.22816836	1	0.57308698	0.00507098	1
CYYR1	0.27443917	1	1	-4.2111359	0.52259551	1
CZIB	1.96622346	0.10954559	1	-0.9620603	0.07221957	1
D2HGDH	0.65986645	0.18488054	1	0.18820112	0.94896916	1
DAAM1	0.39266002	0.45751096	1	1.10470345	0.00943977	1
DAAM2	0.27443917	1	1	1.26303441	1	1
DAB1	-0.6349336	0.75281706	1	3.27412885	0.02814625	1
DAB2	-0.5634604	0.4699655	1	-1.7842497	0.02988871	1
DAB2IP	-9.2926155	0.11486391	1	-8.8864526	0.1958879	1
DACH1	0.94669749	0.05498816	1	2.95639068	0.00028741	1
DACH2	0.27443917	1	1	1.26303441	1	1
DACT1	-0.3552447	0.90231962	1	1.25626825	0.52790957	1

DACT2	0.27443917	1	1	1.26303441	1	1
DACT3	-7.1050095	0.36779564	1	-7.9544653	0.3629285	1
DAD1	-0.1195629	0.86076123	1	-1.2109248	0.00224886	1
DAG1	-1.1416117	0.14840851	1	-0.4154652	0.77748239	1
DAGLA	-6.8662866	0.19965135	1	-6.5672169	0.1958879	1
DAGLB	0.76368059	0.24724347	1	0.63836594	0.41793094	1
DALRD3	-1.3219744	0.31744764	1	-1.0387943	0.07616602	1
DAND5	0.27443917	1	1	1.26303441	1	1
DAO	7.29218615	0.2752184	1	-0.3014095	0.52790957	1
DAP	-0.611281	0.20504701	1	0.14539184	0.44143636	1
DAP3	-0.6913779	0.20648923	1	-0.4293396	0.2573809	1
DAPK1	-0.9213984	0.57741369	1	-0.9595187	0.38349143	1
DAPK2	-0.3741475	0.45990004	1	-0.7173655	0.03538335	1
DAPK3	-1.0902827	0.13888645	1	-1.3704424	0.12657361	1
DAPL1	0.27443917	1	1	1.26303441	1	1
DAPP1	-0.9333039	0.94451344	1	0.50609342	0.63053117	1
DARS	-0.1157706	0.64163102	1	0.08342699	0.91043209	1
DARS2	-0.1621384	0.78005262	1	1.04877261	0.68685746	1
DAW1	-8.972498	0.19965135	1	1.26303441	1	1
DAXX	-0.3438298	0.66342316	1	-1.2710574	0.0986737	1
DAZA	0.27443917	1	1	1.26303441	1	1
DAZAP1	0.01741626	0.53809134	1	0.0223482	0.68260458	1
DAZAP2	-0.0412932	0.62286965	1	-0.3604842	0.15035098	1
DAZL	0.27443917	1	1	1.26303441	1	1
DBF4	-0.3546811	0.83078848	1	0.44208706	0.41897938	1
DBF4B	1.01882504	0.32290428	1	0.75873674	0.47173342	1
DBI	-0.5913355	0.45285567	1	-1.8683467	8.84E-07	0.02440256
DBN1	-0.0480517	0.96169167	1	-0.4455131	0.5612482	1
DBNDD1	-8.2622757	0.36779564	1	-6.6965163	0.3629285	1
DBNDD2	-9.1754801	0.06784723	1	-10.355825	0.00391757	1
DBNL	-0.7079699	0.54383674	1	-1.3719699	0.02583169	1
DBP	9.88133165	0.05637677	1	-1.0292431	0.07357495	1
DBR1	0.55262041	0.34212603	1	0.03260679	0.68299567	1
DBT	1.55041665	0.14165102	1	0.57477222	0.09594867	1
DBX2	0.27443917	1	1	1.26303441	1	1
DCAF1	-0.2478945	0.72806004	1	-0.4251357	0.14340758	1
DCAF10	-0.0470536	0.76728284	1	-0.3191495	0.18926541	1
DCAF11	0.20478254	0.77404132	1	0.11163331	0.89173332	1
DCAF12	-0.362522	0.95814434	1	0.95358767	0.35664905	1
DCAF12L1	0.27443917	1	1	1.26303441	1	1
DCAF13	1.34307254	0.74883425	1	0.18364627	0.45014192	1
DCAF15	-2.4019485	0.02588094	1	-1.8237184	0.04594758	1
DCAF16	-0.1002315	0.78005262	1	-0.964031	0.15961674	1

DCAF17	0.07325625	0.75281706	1	-0.5258968	0.34331566	1
DCAF4	-0.0843316	0.73171329	1	0.35625257	0.56166777	1
DCAF4L1	-0.5544405	0.68789913	1	-0.9409584	0.64032309	1
DCAF5	-0.1676144	0.66574135	1	0.0738929	0.89979194	1
DCAF6	0.05123964	0.96320192	1	0.4627502	0.03609586	1
DCAF7	-0.3081784	0.50259303	1	-0.1618534	0.49496926	1
DCAF8	0.17181664	0.87550668	1	-0.2690379	0.70863031	1
DCAF8L2	0.27443917	1	1	1.26303441	1	1
DCAKD	1.21377264	0.01957415	1	1.9526897	0.0007707	1
DCANP1	0.27443917	1	1	1.26303441	1	1
DCBLD1	2.34375299	0.08227092	1	2.03687436	0.03109418	1
DCBLD2	1.29759454	0.89260809	1	1.06259312	0.85548905	1
DCC	0.27443917	1	1	-6.8488	0.52259551	1
DCDC1	-8.1852566	0.19965135	1	1.26303441	1	1
DCDC2	0.27443917	1	1	-5.8384965	0.52259551	1
DCDC2B	-0.8134937	0.55540624	1	2.18790293	0.15660079	1
DCDC2C	0.27443917	1	1	1.26303441	1	1
DCHS1	8.31177523	0.2752184	1	9.30037047	0.12281968	1
DCHS2	-0.7384762	0.52174859	1	1.80257927	0.26502162	1
DCK	1.01917138	0.45738523	1	-0.5478622	0.8377889	1
DCLK1	0.27443917	1	1	1.26303441	1	1
DCLK2	1.54762141	0.08979936	1	3.39836443	0.00183698	1
DCLK3	0.27443917	1	1	1.26303441	1	1
DCLRE1A	-10.10855	0.11486391	1	-9.235473	0.08544191	1
DCLRE1B	-7.5288555	0.36779564	1	1.26303441	1	1
DCLRE1C	-0.3665102	0.84609314	1	-0.2757196	0.97786405	1
DCN	0.27443917	1	1	1.26303441	1	1
DCP1A	-0.8276575	0.032679	1	-0.0449249	0.91206595	1
DCP1B	0.3186765	0.63438641	1	0.50175257	0.5808363	1
DCP2	0.96690028	0.00405351	1	0.80138995	0.00810816	1
DCPS	0.85398274	0.33814895	1	-1.1523564	0.50993997	1
DCST1	0.27443917	1	1	1.26303441	1	1
DCST2	8.35369886	0.12052946	1	-1.9240824	0.77033568	1
DCSTAMP	0.27443917	1	1	1.26303441	1	1
DCT	0.27443917	1	1	1.26303441	1	1
DCTD	-0.5223109	0.88549085	1	-0.1336977	0.98132707	1
DCTN1	-0.2065492	0.90409307	1	0.58198262	0.47640011	1
DCTN2	-0.4063609	0.82307022	1	-1.0396855	0.13151286	1
DCTN3	-0.4004133	0.73965666	1	-2.9707358	1.16E-05	0.32090622
DCTN4	-0.2522419	0.20818456	1	1.1297999	0.25575733	1
DCTN5	0.68524834	0.52153049	1	0.07317254	0.69613305	1
DCTN6	1.1440346	0.07925496	1	0.16754897	0.86918741	1
DCTPP1	-0.2054612	0.94847897	1	-1.0190633	0.04928654	1

DCUN1D1	0.38748497	0.03888139	1	0.98592073	0.00331852	1	
DCUN1D2	0.1825534	0.62553522	1	-0.3377668	0.92781802	1	
DCUN1D3	-1.986481	0.25400575	1	-2.6057735	0.220656	1	
DCUN1D4	0.73440867	0.08981949	1	0.64018398	0.02236656	1	
DCUN1D5	0.01333135	0.71205667	1	-1.1164104	0.14762398	1	
DCX	0.27443917	1	1	1.26303441	1	1	
DCXR	0.64632432	0.72192059	1	-1.5799664	0.02493161	1	
DDA1	0.86196099	0.22166301	1	0.50092162	0.96794193	1	
DDAH1	-5.3209596	0.36779564	1	-7.7656645	0.26373073	1	
DDAH2	-8.9667183	0.11486391	1	-9.7555957	0.01801327	1	
DDB1	-0.4297796	0.97506192	1	-0.6877415	0.10994278	1	
DDB2	0.81337586	0.06252854	1	0.28145956	0.23436528	1	
DDC	0.27443917	1	1	1.26303441	1	1	
DDHD1	-0.3930796	0.8448316	1	-0.1221621	0.89579649	1	
DDHD2	-0.0517159	0.36088139	1	-0.5852443	0.05319816	1	
DDI1	0.27443917	1	1	1.26303441	1	1	
DDIAS	0.27443917	1	1	1.26303441	1	1	
DDIT3	-0.3588276	0.89144901	1	-0.4947703	0.206223	1	
DDIT4	0.64136216	0.33424582	1	-0.7112888	0.18355186	1	
DDIT4L	0.27443917	1	1	1.26303441	1	1	
DDN	0.27443917	1	1	1.26303441	1	1	
DDO	0.27443917	1	1	1.26303441	1	1	
DDOST	-1.1359196	0.23492951	1	-2.3406684	1.15E-05	0.31837446	
DDR1	0.27443917	1	1	1.26303441	1	1	
DDR2	-1.0983667	0.4634873	1	2.84490386	0.15452883	1	
DDRGK1	-0.1888023	0.42097572	1	-1.3815176	0.00144472	1	
DDT	-1.4824303	0.16386125	1	-3.4402287	5.44E-05	1	
DDX1	-0.6895782	0.26285047	1	-0.4515505	0.35153322	1	
DDX10	-0.2067625	0.80713178	1	0.4346057	0.36750175	1	
DDX11	0.45816271	0.81353247	1	1.02603789	0.60291269	1	
DDX17	0.09056294	0.49338207	1	0.25622862	0.05888201	1	
DDX18	-0.2468232	0.65311059	1	-1.0861107	0.00127242	1	
DDX19A	0.61067937	0.47236381	1	-0.0671377	0.72529373	1	
DDX20	3.15299104	0.05726714	1	1.2143938	0.33130843	1	
DDX21	-0.1752175	0.39036898	1	-0.0584046	0.69947896	1	
DDX23	-0.0599614	0.47406346	1	-0.3843922	0.04994104	1	
DDX24	-0.3133292	0.5478714	1	-0.7650706	0.03477534	1	
DDX25	-8.2395424	0.36779564	1	1.26303441	1	1	
DDX27	-0.0085263	0.71559315	1	-0.614597	0.15333793	1	
DDX28	-8.5170789	0.19965135	1	-7.5276848	0.26373073	1	
DDX31	-0.3252756	0.73679458	1	0.235347	0.54671118	1	
DDX39A	-0.0218502	0.58026191	1	-0.6339482	0.03423671	1	
DDX39B	-0.1827467	0.96831747	1	0.27167055	0.12968696	1	

DDX3X	-0.4049228	0.25375004	1	-0.3416934	0.12273829	1
DDX3Y	-0.0211641	0.85315089	1	-0.488298	0.05021739	1
DDX4	0.27443917	1	1	1.26303441	1	1
DDX41	1.8315532	0.45132853	1	-0.6844136	0.3331058	1
DDX42	-1.2375724	0.06135852	1	-0.4883726	0.50432695	1
DDX43	0.27443917	1	1	1.26303441	1	1
DDX46	-0.2663476	0.71941403	1	-0.6605034	0.0045772	1
DDX47	-1.7101897	0.01216447	1	-0.4417354	0.1705816	1
DDX49	-0.5617859	0.73965666	1	-0.6761286	0.34338015	1
DDX5	-0.0930639	0.72269437	1	-0.4387551	0.0023081	1
DDX50	0.21225648	0.11541304	1	0.26160945	0.40918949	1
DDX51	1.44691335	0.06328379	1	1.04747144	0.20816373	1
DDX52	-0.5552848	0.57676727	1	0.33918258	0.28093386	1
DDX54	0.32726869	0.38402264	1	0.35172353	0.17362376	1
DDX55	0.02176153	0.67343889	1	0.77903702	0.22229191	1
DDX58	-1.5211805	0.00231095	1	0.55538275	0.35979218	1
DDX59	0.79611015	0.25442333	1	0.59524943	0.76690459	1
DDX6	-0.1053181	0.94383222	1	0.09061784	0.71680125	1
DDX60	-3.1513647	3.39E-07	0.00936392	-0.6129024	0.53008085	1
DDX60L	-1.0474662	5.77E-05	1	0.26401132	0.49387943	1
DEAF1	-0.4957702	0.97246669	1	-0.137491	0.96283304	1
DECR1	-0.4380388	0.28496072	1	-0.519763	0.0589363	1
DECR2	-0.9679346	0.80862687	1	-1.0783537	0.32595403	1
DEDD	-1.8125165	0.1269962	1	-0.3141239	0.58717745	1
DEDD2	1.26996544	0.14377874	1	-0.8182401	0.16314762	1
DEF6	-0.1519969	0.34974049	1	-0.3619255	0.65637879	1
DEF8	-0.5398685	0.61155173	1	0.39765802	0.7302143	1
DEFA1B	0.27443917	1	1	-7.0180959	0.52259551	1
DEFB1	0.27443917	1	1	1.26303441	1	1
DEFB115	0.27443917	1	1	1.26303441	1	1
DEFB116	0.27443917	1	1	1.26303441	1	1
DEFB119	0.27443917	1	1	1.26303441	1	1
DEFB124	0.27443917	1	1	1.26303441	1	1
DEFB125	0.27443917	1	1	1.26303441	1	1
DEFB126	0.27443917	1	1	1.26303441	1	1
DEFB135	0.27443917	1	1	1.26303441	1	1
DEFB4	0.27443917	1	1	1.26303441	1	1
DEGS1	-0.1474554	0.76841868	1	-1.4164699	0.12165842	1
DEGS2	-7.0886088	0.36779564	1	-8.6156711	0.26373073	1
DEK	-0.2261684	0.72257696	1	-0.563364	0.1464299	1
DELE1	0.40575272	0.51408933	1	0.67944006	0.37311455	1
DENND1A	0.08031138	0.67546765	1	0.4833857	0.02386241	1
DENND1B	-0.329309	0.13873143	1	0.31064355	0.10486226	1

DENND1C	-0.9321725	0.54305788	1	0.8531773	0.03038968	1
DENND2A	0.27443917	1	1	1.26303441	1	1
DENND2C	0.08436377	0.90231962	1	8.41585477	0.12281968	1
DENND2D	-0.4957481	0.38680955	1	-0.2172731	0.4309275	1
DENND3	0.32911423	0.46897987	1	0.42005289	0.21823193	1
DENND4A	-0.3727929	0.17298253	1	0.17522913	0.24947562	1
DENND4B	-0.2374306	0.94222798	1	1.00205271	0.03318408	1
DENND4C	0.13006102	0.2084298	1	0.07209083	0.17363959	1
DENND5A	-1.034814	0.16037511	1	-0.2684037	0.85057347	1
DENND5B	0.27443917	1	1	-5.9427839	0.52259551	1
DENND6A	-0.5064116	0.30761924	1	0.16759545	0.80323807	1
DENND6B	0.11967299	0.5373936	1	-1.1140704	0.4752803	1
DENR	-0.6029216	0.07336992	1	-0.8945633	0.00720195	1
DEPDC1	0.27443917	1	1	-5.8732833	0.52259551	1
DEPDC1B	-8.4495696	0.36779564	1	-7.2152044	0.52259551	1
DEPDC4	7.64773019	0.2752184	1	8.63632542	0.12281968	1
DEPDC5	0.09024438	0.31924049	1	0.38626945	0.10071681	1
DEPDC7	0.27443917	1	1	-6.1183142	0.52259551	1
DEPP1	0.27443917	1	1	1.26303441	1	1
DEPTOR	-0.9914201	0.63214419	1	-0.9743848	0.50432974	1
DERA	0.66243544	0.07473534	1	0.50619115	0.19299694	1
DERL1	-0.2421158	0.51718504	1	-0.1099563	0.62275133	1
DERL2	1.01459347	0.31900849	1	0.14673599	0.44739738	1
DERL3	1.72144476	0.45132853	1	-0.497706	0.78042456	1
DES	0.27443917	1	1	1.26303441	1	1
DESI1	0.32088547	0.73731576	1	1.00870621	0.45020782	1
DESI2	0.15188345	0.63544289	1	-0.9093311	0.03551038	1
DET1	-0.6039316	0.88923822	1	0.00474206	0.96388173	1
DEUP1	-2.4385541	0.24755874	1	-1.6435394	0.22696786	1
DEXI	-2.1428142	0.25400575	1	-4.3954927	0.00221101	1
DFFA	0.586678	0.53236434	1	0.43042101	0.57221107	1
DFFB	0.00624797	0.2609306	1	-0.7290885	0.9686655	1
DGAT1	0.39163749	0.84452255	1	-1.4179101	0.31890284	1
DGAT2	-0.6200444	0.68052236	1	-0.0535611	0.85064705	1
DGAT2L6	-7.8239868	0.36779564	1	1.26303441	1	1
DGCR2	-0.0464548	0.35865146	1	0.59949383	0.10466737	1
DGCR6	1.71652697	0.89260809	1	2.29261576	0.65223573	1
DGCR6L	0.27443917	1	1	1.26303441	1	1
DGCR8	-0.1130008	0.85827823	1	-0.9241616	0.14663251	1
DGKA	0.22053261	0.38482197	1	0.82496082	0.02866043	1
DGKB	8.25788691	0.2752184	1	9.24648214	0.12281968	1
DGKD	-0.3329329	0.40092502	1	0.26968066	0.30440779	1
DGKE	-0.3010861	0.34059737	1	0.46565151	0.03898443	1

DGKG	7.34125167	0.2752184	1	0.4740984	0.88397598	1
DGKH	0.51785604	0.305531	1	-0.1448296	0.53906436	1
DGKI	7.06868348	0.2752184	1	8.05727872	0.12281968	1
DGKK	0.27443917	1	1	1.26303441	1	1
DGKQ	1.69737634	0.89260809	1	1.7674574	0.85548905	1
DGKZ	0.77861478	0.02962021	1	0.181365	0.28332585	1
DGLUCY	-0.5041057	0.43920385	1	0.13103687	0.92855601	1
DGUOK	-0.2044388	0.45554257	1	-0.1721881	0.98992812	1
DHCR24	-1.4008727	0.21369652	1	-1.9817501	0.10850184	1
DHCR7	2.02417411	0.45132853	1	-1.5954971	0.48952897	1
DHDDS	-0.8427122	0.86825759	1	-0.807577	0.34682379	1
DHDH	1.12895164	0.4634873	1	1.15692405	0.15869376	1
DHFR	8.47283533	0.2752184	1	-0.1975044	0.64825479	1
DHFR2	-0.6735536	0.90231962	1	-1.698622	0.37449073	1
DHH	0.27443917	1	1	-7.6501431	0.3629285	1
DHODH	0.67322793	0.29834994	1	0.49509924	0.60912576	1
DHPS	-0.7979405	0.2572727	1	-3.1328091	0.00508487	1
DHRS1	1.91866368	0.03357683	1	-0.0968169	0.77480072	1
DHRS11	10.8451029	0.00653474	1	1.23533507	0.44084535	1
DHRS12	-7.4703458	0.36779564	1	-8.1374924	0.1958879	1
DHRS13	1.61684224	0.89260809	1	-0.2363779	0.64825479	1
DHRS2	0.27443917	1	1	1.26303441	1	1
DHRS3	0.5984004	0.29432439	1	0.37833785	0.59428734	1
DHRS4	0.27443917	1	1	-6.8547557	0.52259551	1
DHRS4L1	0.65910829	0.29504147	1	-0.3818162	0.92263828	1
DHRS4L2	2.66353418	0.22904601	1	0.51266883	0.27378788	1
DHRS7	0.00833711	0.40596935	1	-1.2164493	0.00272589	1
DHRS7B	0.85885714	0.17609462	1	-0.0115435	0.74057345	1
DHRS7C	0.27443917	1	1	1.26303441	1	1
DHRS9	-8.7519794	0.19965135	1	-5.8384965	0.52259551	1
DHRSX	0.37031825	0.41631178	1	0.90555577	0.14229128	1
DHTKD1	-0.1229918	0.85135027	1	-0.8868388	0.32773255	1
DHX15	-0.2002276	0.83402814	1	0.46429489	0.14502194	1
DHX16	0.01146851	0.9957419	1	1.048858	0.82482749	1
DHX29	0.05624409	0.76035633	1	-0.4338	0.06104022	1
DHX30	-0.084115	0.67494391	1	0.40738904	0.09428337	1
DHX32	-0.8171433	0.4675106	1	0.06170889	0.86608302	1
DHX33	-0.9922199	0.93445604	1	-0.1009069	0.83330397	1
DHX34	-5.4928051	0.36779564	1	-9.1578832	0.08544191	1
DHX35	0.71940359	0.11630086	1	0.94445093	0.14835765	1
DHX36	-0.0308272	0.62217031	1	-0.0956288	0.94229505	1
DHX37	-0.209236	0.66639046	1	1.15466318	0.0249326	1
DHX38	-0.2661068	0.86756601	1	-0.3496026	0.45558794	1

DHX40	-0.8387684	0.41760474	1	-0.0084578	0.89608441	1
DHX57	0.44108103	0.5186283	1	-0.0048292	0.59426989	1
DHX58	-12.310381	8.06E-06	0.22230038	-10.648642	0.00839699	1
DHX8	0.02946543	0.32536829	1	-0.2885352	0.7485689	1
DHX9	-0.0525553	0.67051321	1	0.17325191	0.28913968	1
DIABLO	-0.9281438	0.04370738	1	-0.7604078	0.04308473	1
DIAPH1	-0.2291099	0.41844555	1	0.26458146	0.23577487	1
DIAPH2	0.18844257	0.14999019	1	0.36100005	0.00275863	1
DIAPH3	1.91292734	0.45132853	1	2.94976335	0.15452883	1
DICER1	-0.815858	0.16299446	1	-0.593828	0.25929355	1
DIDO1	-0.0607396	0.91723779	1	0.32868259	0.23717737	1
DIMT1	-3.6136147	0.00517884	1	-3.2197965	0.00315975	1
DIO1	0.27443917	1	1	-7.4459922	0.3629285	1
DIO2	0.27443917	1	1	1.26303441	1	1
DIO3	0.27443917	1	1	1.26303441	1	1
DIP2A	-0.1084974	0.87573998	1	0.17955532	0.54286229	1
DIP2B	-0.5812874	0.04522307	1	0.36639542	0.0082079	1
DIP2C	2.89411784	0.45132853	1	2.73476961	0.36250784	1
DIPK1A	-0.3286843	0.48378898	1	0.26533575	0.16018487	1
DIPK1B	0.27443917	1	1	1.26303441	1	1
DIPK1C	0.27443917	1	1	-6.2735797	0.52259551	1
DIPK2A	0.27078931	0.38395168	1	0.55426472	0.36237281	1
DIPK2B	0.27443917	1	1	1.26303441	1	1
DIRAS1	0.27443917	1	1	1.26303441	1	1
DIRAS2	-2.505046	0.67317602	1	-1.2642992	0.64428388	1
DIRAS3	0.27443917	1	1	1.26303441	1	1
DIS3	-0.4045517	0.71539401	1	-0.0868742	0.83996287	1
DIS3L	-0.4858731	0.7421005	1	0.62620873	0.17371302	1
DIS3L2	0.19942258	0.90706396	1	0.91896276	0.00161736	1
DISC1	-1.1401549	0.4376496	1	0.61793215	0.47173342	1
DISP1	0.27002542	0.81537797	1	0.21057435	0.82079533	1
DISP2	0.27443917	1	1	1.26303441	1	1
DISP3	0.27443917	1	1	-6.3888789	0.52259551	1
DIXDC1	-1.8329728	0.87876749	1	-1.2681157	0.49794085	1
DKC1	-1.5344676	0.06656691	1	-1.0230579	0.01749303	1
DKK2	0.27443917	1	1	1.26303441	1	1
DKK3	0.27443917	1	1	1.26303441	1	1
DKK4	0.27443917	1	1	1.26303441	1	1
DKKL1	0.27443917	1	1	1.26303441	1	1
DLAT	-0.595545	0.37907794	1	0.56999115	0.55887455	1
DLC1	0.27443917	1	1	-7.4839255	0.52259551	1
DLD	-0.9108365	0.60439408	1	-0.4563241	0.5514605	1
DLEC1	-9.0357854	0.19965135	1	1.26303441	1	1

DLEU7	0.27443917	1	1	1.26303441	1	1
DLG1	0.06861098	0.67029305	1	0.45837331	0.01832245	1
DLG2	-0.930097	0.14514445	1	0.38011621	0.45793728	1
DLG3	-0.0445403	0.96180492	1	-0.0974843	0.8064694	1
DLG4	7.40815805	0.2752184	1	-0.5836402	0.64428388	1
DLG5	0.00127281	0.90231962	1	9.57481184	0.12281968	1
DLGAP1	-1.2574729	0.64547316	1	-0.7721713	0.60652865	1
DLGAP2	1.34856761	0.06111316	1	2.69104354	0.01378725	1
DLGAP3	0.27443917	1	1	-5.5119993	0.52259551	1
DLGAP4	-0.0185262	0.5342601	1	-0.0957386	0.76391584	1
DLGAP5	0.27443917	1	1	1.26303441	1	1
DLK2	0.27443917	1	1	1.26303441	1	1
DLL1	0.06829913	0.34953632	1	1.04179864	0.11644506	1
DLL3	-2.5584222	0.67317602	1	0.3460947	0.8783593	1
DLL4	0.27443917	1	1	1.26303441	1	1
DLST	0.22041276	0.42577817	1	-0.1543307	0.96409857	1
DLX1	0.27443917	1	1	1.26303441	1	1
DLX2	0.27443917	1	1	1.26303441	1	1
DLX4	0.27443917	1	1	1.26303441	1	1
DMAC1	1.34977775	0.83770648	1	-3.0214826	0.00842976	1
DMAC2	-1.642325	0.79654313	1	-0.5750295	0.84174049	1
DMAC2-1	-1.9010177	0.35662101	1	-0.1152794	0.7871712	1
DMAC2L	-1.9861254	0.41260835	1	-3.3091148	0.06066919	1
DMAP1	-3.1127467	0.15285381	1	-2.7205003	0.0801647	1
DMBT1	0.27443917	1	1	1.26303441	1	1
DMC1	0.27443917	1	1	-3.4307288	0.52259551	1
DMD	0.27216697	0.51668413	1	-0.700413	0.72794611	1
DMGDH	0.27443917	1	1	1.26303441	1	1
DMKN	-7.801013	0.36779564	1	1.26303441	1	1
DMPK	-0.0120353	0.99148393	1	0.17020852	0.61212334	1
DMRT1	-8.6871664	0.19965135	1	1.26303441	1	1
DMRT2	0.27443917	1	1	1.26303441	1	1
DMRT3	0.27443917	1	1	1.26303441	1	1
DMRTA1	-6.4794996	0.36779564	1	1.26303441	1	1
DMRTA2	0.27443917	1	1	1.26303441	1	1
DMRTB1	0.27443917	1	1	1.26303441	1	1
DMRTC1B	0.27443917	1	1	-7.7546943	0.52259551	1
DMRTC2	-8.4020936	0.36779564	1	-7.9053432	0.52259551	1
DMTF1	-0.1500802	0.8130942	1	0.17562721	0.40017259	1
DMTN	2.99666012	0.03011271	1	1.05455119	0.11312767	1
DMWD	-0.8746838	0.24880431	1	-0.4879215	0.33130843	1
DMXL1	-0.4891566	0.45283749	1	0.17952792	0.50404684	1
DMXL2	-1.7670888	0.03464524	1	-1.5937562	0.06595177	1

DNA2	0.19939064	0.99355778	1	2.44174933	0.01377802	1
DNAAF1	-8.8974794	0.19965135	1	-7.745783	0.52259551	1
DNAAF2	-0.3259936	0.57160009	1	-0.3791654	0.89460311	1
DNAAF3	0.27443917	1	1	-7.9658908	0.3629285	1
DNAAF4	-9.7689544	0.11486391	1	-7.9151301	0.3629285	1
DNAAF5	-0.7330481	0.45470284	1	-0.012384	0.6728697	1
DNAH1	0.27443917	1	1	-8.1966739	0.26373073	1
DNAH10	-0.5654952	0.90231962	1	-0.9995397	0.49338433	1
DNAH11	-1.5341535	0.15859143	1	0.50142075	0.97382966	1
DNAH12	-3.9928397	0.01327681	1	-3.2720517	0.13020681	1
DNAH14	0.27443917	1	1	1.26303441	1	1
DNAH17	-0.6232902	0.83021289	1	-0.6467049	0.33433431	1
DNAH2	-8.6648125	0.19965135	1	1.26303441	1	1
DNAH3	-10.31845	0.02458092	1	-8.2600137	0.26373073	1
DNAH5	-1.3175103	0.1895649	1	1.7415439	0.19758285	1
DNAH6	-0.4805412	0.3849739	1	1.85096323	0.59553177	1
DNAH7	-10.746267	0.02458092	1	-10.701379	0.03889469	1
DNAH8	0.27443917	1	1	-7.9197394	0.3629285	1
DNAH9	-0.4315851	0.23191743	1	2.30117007	0.13044933	1
DNAI1	0.27443917	1	1	-6.4164342	0.52259551	1
DNAI2	-5.9776946	0.36779564	1	-7.6272679	0.3629285	1
DNAJA1	-0.0053999	0.67901032	1	-0.8967176	0.0027744	1
DNAJA2	0.20938638	0.72414887	1	-0.6927371	0.10159113	1
DNAJA3	0.09017953	0.56076418	1	-1.2750746	0.12714694	1
DNAJA4	0.26818737	0.90712684	1	-0.3991656	0.36080443	1
DNAJB1	-0.3710571	0.57599649	1	-0.8117212	0.0584991	1
DNAJB11	1.09347297	0.10258203	1	-0.648748	0.3214724	1
DNAJB12	0.14784304	0.93907147	1	0.35747776	0.59500534	1
DNAJB13	-1.6981249	0.68052236	1	-1.9258005	0.48386448	1
DNAJB14	-0.1888264	0.78524914	1	0.02797323	0.35545383	1
DNAJB2	-0.4381975	0.41114365	1	-0.799857	0.11349456	1
DNAJB4	-0.4694302	0.63714401	1	-0.5150928	0.54428708	1
DNAJB5	0.27443917	1	1	1.26303441	1	1
DNAJB6	0.10866274	0.14932864	1	-0.2839752	0.31190717	1
DNAJB7	0.27443917	1	1	1.26303441	1	1
DNAJB9	-0.3476275	0.7714583	1	0.04371712	0.7964904	1
DNAJC1	-0.4203753	0.30059454	1	-0.1226442	0.35794077	1
DNAJC10	-0.6666463	0.28863773	1	0.20160437	0.77559134	1
DNAJC11	-0.0821207	0.22244531	1	0.043955	0.514754	1
DNAJC12	0.27443917	1	1	1.26303441	1	1
DNAJC13	-0.3541229	0.23200689	1	0.36849749	0.81400499	1
DNAJC14	0.02884018	0.82464385	1	-1.5135704	0.09594867	1
DNAJC15	0.77398587	0.06764761	1	0.33320113	0.8601153	1

DNAJC16	-0.8516762	0.10163367	1	-0.5931945	0.11857027	1
DNAJC17	0.50137315	0.3308294	1	0.65191078	0.39611298	1
DNAJC18	1.05101492	0.79142405	1	0.65508586	0.78283336	1
DNAJC19	-1.2546361	0.48103646	1	-2.2555582	0.00027243	1
DNAJC2	-0.2492825	0.8750978	1	0.1471939	0.55368414	1
DNAJC21	-0.7891567	0.14770056	1	-0.738946	0.23750187	1
DNAJC22	0.27443917	1	1	-6.3711778	0.52259551	1
DNAJC24	-0.1123375	0.72251828	1	-0.6337316	0.15371314	1
DNAJC25	-1.0007113	0.15906882	1	-0.360509	0.86712811	1
DNAJC27	0.48249919	0.84140634	1	0.10124231	0.9605254	1
DNAJC28	1.72843428	0.68789913	1	-0.9200273	0.49657976	1
DNAJC3	0.23971135	0.92151269	1	0.63280737	0.4734546	1
DNAJC30	-8.264329	0.11486391	1	-8.277336	0.1958879	1
DNAJC4	-7.2442683	0.36779564	1	-9.1523983	0.08544191	1
DNAJC5	-0.2591923	0.69595246	1	0.17731101	0.63811595	1
DNAJC5B	0.27443917	1	1	1.26303441	1	1
DNAJC5G	0.27443917	1	1	1.26303441	1	1
DNAJC6	-0.9585737	0.8025791	1	0.47415029	0.83384139	1
DNAJC7	0.214716	0.68260655	1	-0.0281281	0.4264619	1
DNAJC8	0.36438514	0.4975351	1	-1.0489175	0.01482643	1
DNAJC9	-0.8256624	0.66139238	1	-0.968454	0.31114525	1
DNAL1	-3.2109145	0.05959756	1	-0.9685376	0.22856574	1
DNAL4	1.06576331	0.50663218	1	0.27778665	0.75518386	1
DNALI1	-7.5291749	0.36779564	1	-7.7449411	0.3629285	1
DNASE1	0.1169707	0.85160308	1	0.29228534	0.73707244	1
DNASE1L1	-1.3849951	0.36358287	1	-2.1933927	0.03127161	1
DNASE1L2	0.27443917	1	1	1.26303441	1	1
DNASE1L3	-6.0973458	0.36779564	1	1.26303441	1	1
DNASE2	0.98259844	0.8024585	1	-1.0940768	0.15017531	1
DNASE2B	-9.6370559	0.11486391	1	-10.509635	0.01082624	1
DND1	0.27443917	1	1	1.26303441	1	1
DNER	0.27443917	1	1	1.26303441	1	1
DNHD1	0.76803368	0.52198056	1	0.88712568	0.23703449	1
DNLZ	-1.5523432	0.13165357	1	-1.948994	0.0207945	1
DNM1	0.27443917	1	1	-8.5957435	0.3629285	1
DNM1L	-0.574804	0.09042121	1	-0.3885796	0.16854926	1
DNM2	-0.2444739	0.34864159	1	0.1762919	0.30542922	1
DNM3	0.12284867	0.80408792	1	0.83523986	0.11931038	1
DNMBP	1.38390919	0.15214418	1	1.35870061	0.16058509	1
DNMT1	0.46620786	0.13226654	1	0.26031592	0.35558463	1
DNMT3A	0.66761367	0.0389839	1	1.09207278	0.0008929	1
DNMT3B	1.43815245	0.21404087	1	1.21203489	0.06556842	1
DNMT3L	0.27443917	1	1	1.26303441	1	1

DNPEP	-2.8991801	0.0248673	1	-3.3812212	0.00193403	1
DNPH1	0.27443917	1	1	-6.8488	0.52259551	1
DNTT	0.27443917	1	1	1.26303441	1	1
DNTTIP1	-0.5726038	0.60392246	1	-0.0439308	0.91252584	1
DNTTIP2	0.02894871	0.80542165	1	-0.8737457	0.10358449	1
DOC2A	0.27443917	1	1	1.26303441	1	1
DOC2B	-7.1236435	0.36779564	1	1.26303441	1	1
DOCK1	-8.5330085	0.11486391	1	-7.727542	0.3629285	1
DOCK10	-0.0587644	0.8795636	1	0.27429324	0.0118322	1
DOCK11	-0.0383767	0.96975912	1	0.33994986	0.06529029	1
DOCK2	-0.2631522	0.43559682	1	0.3942429	0.00010889	1
DOCK3	-0.2558572	0.49381474	1	-0.7057002	0.26966485	1
DOCK4	-1.6644299	0.03484797	1	-1.2783024	0.19290445	1
DOCK5	-0.4548859	0.51654608	1	0.07101566	0.85371308	1
DOCK6	1.00177234	0.89260809	1	0.33296991	0.65223573	1
DOCK7	-1.2021499	0.01519736	1	-0.3841045	0.23776945	1
DOCK8	0.08539127	0.60627597	1	0.38823883	0.00838353	1
DOCK9	-0.9587083	0.01125403	1	-0.2319436	0.17172969	1
DOHH	1.36366166	0.51574504	1	0.62684457	0.71923475	1
DOK1	-0.8517575	0.53587411	1	-0.6642923	0.41619138	1
DOK2	-0.7264654	0.63829879	1	-1.3179808	0.03766017	1
DOK3	-1.6106607	0.67317602	1	-1.345364	0.49338433	1
DOK4	0.27443917	1	1	-7.2567285	0.52259551	1
DOK5	0.27443917	1	1	1.26303441	1	1
DOK6	3.64874317	0.22569004	1	0.71617012	0.43245952	1
DOK7	0.27443917	1	1	1.26303441	1	1
DOLK	-6.0587014	0.36779564	1	-6.1729942	0.26373073	1
DOLPP1	1.33170707	0.89260809	1	0.19523597	0.88397598	1
DONSON	-0.3110849	0.96460462	1	-0.6227491	0.79857528	1
DOP1A	0.34749624	0.32850304	1	0.54304615	0.02732996	1
DOP1B	-0.0445794	0.47292474	1	0.32901138	0.28375038	1
DOT1L	0.03117121	0.33417021	1	0.69100955	0.02259679	1
DPAGT1	0.37871447	0.32902818	1	0.19102195	0.60743481	1
DPCD	-0.1822234	0.80583961	1	-0.2842067	0.36208595	1
DPEP1	-6.5959216	0.19965135	1	1.26303441	1	1
DPEP2	0.96953055	0.13153785	1	1.17306804	0.14703297	1
DPEP2NB	0.27443917	1	1	1.26303441	1	1
DPEP3	6.80268521	0.2752184	1	7.79128045	0.12281968	1
DPF1	2.02026835	0.89260809	1	1.16470013	0.85548905	1
DPF2	0.54793835	0.14508842	1	0.13885345	0.92823992	1
DPF3	0.37883739	0.02831093	1	0.78337815	0.01804979	1
DPH1	-0.9735727	0.41260835	1	0.39223286	0.65223573	1
DPH2	-1.7139016	0.67317602	1	-1.2967593	0.49019995	1

DPH3	-0.6201508	0.33990114	1	-1.3655235	0.01806522	1
DPH3P1	-8.0377939	0.36779564	1	1.26303441	1	1
DPH5	1.70304706	0.31801317	1	-0.380274	0.22394219	1
DPH6	-0.6387774	0.13068477	1	-0.0511992	0.65191702	1
DPH7	-2.6311577	0.15285381	1	-3.1775722	0.02885594	1
DPM1	0.87353273	0.18870829	1	-0.2061012	0.60684738	1
DPM2	-2.3336113	0.3041184	1	-1.4948878	0.17989033	1
DPM3	0.70959063	0.49935642	1	-1.1612101	0.07974577	1
DPP10	-7.9723255	0.36779564	1	-6.5795691	0.3629285	1
DPP3	-1.9484873	0.41260835	1	-3.104189	0.00315975	1
DPP4	0.06172533	0.56834235	1	-0.1325657	0.67663854	1
DPP6	-1.8907945	0.41260835	1	-1.1720267	0.37701669	1
DPP7	0.24019683	0.11577347	1	0.05387671	0.49242466	1
DPP8	-0.4924474	0.52916698	1	0.508276	0.10969732	1
DPP9	-0.3238937	0.94015125	1	0.18128312	0.40086829	1
DPPA2	0.27443917	1	1	1.26303441	1	1
DPPA3	7.92434291	0.2752184	1	2.77017171	0.52223338	1
DPPA4	0.27443917	1	1	1.26303441	1	1
DPRX	10.4357786	0.2752184	1	2.43028678	0.52223338	1
DPT	0.27443917	1	1	1.26303441	1	1
DPY19L1	-0.2391383	0.51546058	1	0.24922265	0.95913773	1
DPY19L3	-0.8587003	0.1259061	1	0.63261301	0.90167921	1
DPY19L4	-0.6437896	0.66776211	1	-0.4423338	0.634576	1
DPY30	-1.1404617	0.2668225	1	-1.3125578	0.00282173	1
DPYD	-1.1854714	0.00249221	1	0.57925275	0.56908377	1
DPYS	0.27443917	1	1	-7.6771208	0.52259551	1
DPYSL2	-1.6813267	0.10351848	1	-1.8820286	0.03191306	1
DPYSL3	-7.0810037	0.36779564	1	-4.2369282	0.52259551	1
DPYSL4	0.27443917	1	1	-8.2930244	0.26373073	1
DPYSL5	-8.3316009	0.36779564	1	1.26303441	1	1
DQX1	-7.341168	0.36779564	1	-5.6072788	0.52259551	1
DR1	0.17260258	0.82572094	1	-1.5409232	0.00751951	1
DRAM1	-3.2041583	0.0579345	1	-2.3443751	0.08197735	1
DRAM2	-0.2610791	0.94089744	1	-0.8315238	0.18758382	1
DRAP1	-0.5447163	0.90739818	1	-2.5068326	9.01E-06	0.24852452
DRAXIN	0.27443917	1	1	1.26303441	1	1
DRC1	-1.6804919	0.79654313	1	-0.2653656	0.95888601	1
DRC3	-1.5696553	0.54111927	1	-0.7218818	0.77369442	1
DRC7	-5.7676125	0.36779564	1	1.26303441	1	1
DRD1	0.27443917	1	1	1.26303441	1	1
DRD2	-7.341168	0.36779564	1	1.26303441	1	1
DRD3	0.27443917	1	1	1.26303441	1	1
DRD4	0.27443917	1	1	1.26303441	1	1

DRD5	0.27443917	1	1	1.26303441	1	1
DRG1	0.84677046	0.33948819	1	1.20873299	0.10471685	1
DRG2	-1.4606013	0.14012114	1	-1.5353722	0.08045499	1
DRGX	0.27443917	1	1	1.26303441	1	1
DROSHA	0.14013656	0.607012	1	0.61265872	0.60337779	1
DRP2	0.27443917	1	1	1.26303441	1	1
DSC1	0.27443917	1	1	1.26303441	1	1
DSC2	0.27443917	1	1	1.26303441	1	1
DSC3	0.27443917	1	1	1.26303441	1	1
DSCAM	7.6094912	0.2752184	1	-0.7284805	0.64428388	1
DSCAML1	-0.0450894	0.86979485	1	0.39071669	0.78137582	1
DSCC1	0.27443917	1	1	1.26303441	1	1
DSE	-7.9885245	0.36779564	1	-8.7830765	0.1958879	1
DSEL	0.27443917	1	1	1.26303441	1	1
DSG1	0.27443917	1	1	1.26303441	1	1
DSG2	7.06868348	0.2752184	1	-0.5375463	0.88397598	1
DSG3	0.27443917	1	1	1.26303441	1	1
DSN1	-0.6606638	0.74311532	1	-0.1031318	0.88890088	1
DSP	0.27443917	1	1	1.26303441	1	1
DST	-0.3385421	0.16042898	1	0.44190289	0.9052605	1
DSTN	-0.9096239	0.12832532	1	-1.7454251	4.42E-05	1
DSTYK	-0.3723827	0.62589594	1	0.01570182	0.35858999	1
DTD1	0.60760046	0.90029447	1	0.69645349	0.41884895	1
DTD2	-1.0470088	0.99148393	1	-0.1571828	0.87381661	1
DTHD1	-2.2397389	0.36009138	1	-0.6289236	0.84569608	1
DTL	-9.1667676	0.11486391	1	1.26303441	1	1
DTNA	0.27443917	1	1	1.26303441	1	1
DTNB	-0.1787683	0.42467039	1	0.10752866	0.96184711	1
DTNBP1	0.14908224	0.5669646	1	0.68141432	0.01700995	1
DTWD1	-2.5645448	0.06717392	1	-2.6597676	0.01810759	1
DTWD2	-0.904082	0.73785296	1	-0.0906122	0.24942925	1
DTX1	8.63072901	0.12052946	1	9.61932425	0.02855238	1
DTX2	0.07442043	0.71873679	1	0.1575076	0.98041287	1
DTX3	2.01290413	0.49174922	1	-0.5342599	0.81484472	1
DTX3L	-0.7642268	0.46575219	1	-1.0160309	0.75238803	1
DTX4	-5.7676125	0.36779564	1	1.26303441	1	1
DTYMK	-0.3803376	0.8146861	1	-1.465117	0.20643518	1
DUOX1	0.27443917	1	1	1.26303441	1	1
DUOX2	0.27443917	1	1	1.26303441	1	1
DUOXA1	0.27443917	1	1	1.26303441	1	1
DUOXA2	0.27443917	1	1	1.26303441	1	1
DUPD1	-8.1246764	0.36779564	1	-7.8789504	0.3629285	1
DUS1L	0.14085319	0.85135027	1	-1.6161635	0.20166723	1

DUS2	-0.3549214	0.7939699	1	0.21260615	0.85427601	1
DUS3L	-1.621169	0.16033359	1	-0.9018872	0.41029282	1
DUS4L	-0.9298878	0.90231962	1	-1.1401083	0.64825479	1
DUSP1	0.48041284	0.26619217	1	-0.9473461	0.00072968	1
DUSP10	-0.4409709	0.72183002	1	0.35191991	0.47010825	1
DUSP11	-0.0850517	0.73429254	1	0.88258655	0.02142761	1
DUSP12	0.97695449	0.05114543	1	-0.7780469	0.41361233	1
DUSP14	-7.8894416	0.36779564	1	-7.7234063	0.3629285	1
DUSP15	0.27443917	1	1	1.26303441	1	1
DUSP16	-0.1129556	0.65404716	1	0.87573876	0.07406379	1
DUSP18	-0.5295912	0.91161168	1	0.11093851	0.99091163	1
DUSP19	-7.4059083	0.36779564	1	-6.8792337	0.52259551	1
DUSP2	1.01457184	0.33533975	1	-0.2159351	0.96697653	1
DUSP22	0.92268193	0.08023249	1	0.7199743	0.12195231	1
DUSP23	-3.2723317	0.01566632	1	-3.3437411	0.00186215	1
DUSP26	0.27443917	1	1	1.26303441	1	1
DUSP27	0.27443917	1	1	1.26303441	1	1
DUSP28	-7.3069201	0.19965135	1	-9.2794445	0.06553217	1
DUSP3	-0.4312922	0.90231962	1	-0.279688	0.8895985	1
DUSP4	0.15582264	0.91555056	1	0.63561439	0.28778861	1
DUSP5	-1.9526994	0.13889968	1	-1.9321478	0.09067947	1
DUSP6	-3.0529065	0.00615674	1	-1.6439876	0.18427076	1
DUSP7	1.20092555	0.3849739	1	-0.4912054	0.21006448	1
DUSP8	0.27443917	1	1	-5.1948163	0.52259551	1
DUT	0.18612725	0.83125303	1	-1.2462331	0.00087115	1
DUXA	0.27443917	1	1	1.26303441	1	1
DUXB	0.27443917	1	1	1.26303441	1	1
DVL1	1.55159343	0.45738523	1	-0.1947044	0.63952621	1
DVL2	0.50901353	0.68789913	1	-1.7181035	0.48702665	1
DVL3	-0.1823555	0.58179221	1	0.42961383	0.88121073	1
DXO	-1.8266754	0.09599528	1	-0.5917697	0.29712061	1
DYDC1	-8.2724366	0.36779564	1	-8.3305527	0.52259551	1
DYDC2	-7.6813551	0.19965135	1	-8.1151771	0.3629285	1
DYM	-0.4197682	0.14782852	1	0.04133006	0.51905297	1
DYNC1H1	-0.1672044	0.13095607	1	0.38288392	0.45464051	1
DYNC1I1	0.27443917	1	1	-6.6622063	0.52259551	1
DYNC1I2	0.25763978	0.68840663	1	-0.6289485	0.0421766	1
DYNC1LI1	0.52448715	0.16921846	1	0.58998581	0.14877724	1
DYNC1LI2	0.10713994	0.48259904	1	0.12260479	0.47323251	1
DYNC2H1	-0.7167672	0.74387737	1	-1.2213706	0.12944227	1
DYNC2LI1	2.38885506	0.04579784	1	0.56039264	0.66778766	1
DYNLL1	0.0920376	0.99753973	1	-1.5477917	2.42E-06	0.06668198
DYNLL2	0.10623642	0.4543461	1	-0.6650781	0.17337043	1

DYNLRB1	-0.2710934	0.91079428	1	-1.2600667	0.0001544	1
DYNLRB2	-1.5204161	0.09867267	1	-2.9032328	0.00118149	1
DYNLT1	-0.5397936	0.05281102	1	-0.9217971	9.87E-05	1
DYNLT3	-0.7646501	0.55540624	1	-2.7547507	0.06001102	1
DYRK1A	-0.1656516	0.40005015	1	0.21919245	0.18358664	1
DYRK1B	-0.4792298	0.42290031	1	-0.662219	0.41951686	1
DYRK2	0.16882994	0.07578903	1	0.0566172	0.36482872	1
DYRK3	-0.6569033	0.68052236	1	-0.9169273	0.38210003	1
DYRK4	0.27443917	1	1	-7.2398282	0.3629285	1
DYSF	0.16773135	0.85818915	1	1.49921697	0.15869376	1
DYTN	0.27443917	1	1	1.26303441	1	1
DZANK1	0.6123872	0.91549579	1	1.18341875	0.26502162	1
DZIP1	0.27443917	1	1	1.26303441	1	1
DZIP1L	-9.7567766	0.06784723	1	-9.1738276	0.06553217	1
DZIP3	-0.8097942	0.85993281	1	0.74109364	0.47782619	1
E2F1	0.27443917	1	1	1.26303441	1	1
E2F2	0.27443917	1	1	-6.4176062	0.52259551	1
E2F3	-1.2193468	0.08333582	1	-1.5036272	0.0128475	1
E2F4	0.06102126	0.91023596	1	-1.0889356	0.14700019	1
E2F5	1.85305891	0.19838754	1	0.66794431	0.28365903	1
E2F6	1.1724141	0.28526399	1	1.29970718	0.73065512	1
E2F7	0.27443917	1	1	1.26303441	1	1
E2F8	-7.7715742	0.36779564	1	1.26303441	1	1
E4F1	0.11891723	0.92927886	1	-0.0042996	0.82370196	1
EAF1	-1.1276731	0.06960104	1	-1.5885286	0.02080233	1
EAF2	-0.5819929	0.74810579	1	0.41377051	0.7168878	1
EAPP	-0.1620097	0.71833332	1	-0.5269932	0.18581644	1
EARS2	1.19791528	0.20403162	1	1.77299879	0.19099735	1
EBAG9	-0.3338716	0.86869787	1	-1.1086068	0.0920433	1
EBF1	-9.9807789	0.19965135	1	1.26303441	1	1
EBF2	0.27443917	1	1	1.26303441	1	1
EBF3	0.27443917	1	1	1.26303441	1	1
EBF4	0.27443917	1	1	1.26303441	1	1
EBI3	-7.7025031	0.36779564	1	1.26303441	1	1
EBLN1	0.27443917	1	1	1.26303441	1	1
EBLN2	2.24145783	0.23243735	1	4.30167254	0.0451437	1
EBNA1BP2	0.25674144	0.52461974	1	-1.1156614	0.13563018	1
EBP	-1.588272	0.44046599	1	-2.1638483	0.00229926	1
EBPL	-0.5814863	0.606741	1	-1.0299299	0.30777335	1
ECD	-0.3691281	0.84904566	1	0.3162745	0.66458684	1
ECE1	-0.7820564	0.47358334	1	1.4741341	0.42154953	1
ECH1	0.84092927	0.32290428	1	-0.5267846	0.36208595	1
ECHDC1	0.35564018	0.45058471	1	-0.5786954	0.07336106	1

ECHDC2	0.27443917	1	1	1.26303441	1	1
ECHDC3	-7.5291749	0.36779564	1	-8.7661966	0.26373073	1
ECHS1	-2.2365238	0.09173967	1	-3.5199141	5.16E-05	1
ECI1	-0.4604332	0.56020917	1	-1.9081639	0.01226053	1
ECI2	-0.4053282	0.94451344	1	-0.3792212	0.88768054	1
ECM1	0.27443917	1	1	-7.4928432	0.26373073	1
ECM2	0.27443917	1	1	1.26303441	1	1
ECPAS	-0.1909654	0.24883915	1	0.39665352	0.1322218	1
ECSCR	0.27443917	1	1	1.26303441	1	1
ECSIT	-0.5125709	0.57718094	1	0.14465233	0.68543052	1
ECT2	1.73381242	0.1213742	1	1.14728147	0.26522194	1
ECT2L	0.12204586	0.5373936	1	0.07586946	0.92539299	1
EDA	0.27443917	1	1	-5.5899638	0.52259551	1
EDA2R	-7.4529774	0.36779564	1	-6.1235524	0.52259551	1
EDAR	7.66556535	0.2752184	1	2.34274699	0.52223338	1
EDARADD	-0.4781455	0.73933347	1	0.56982786	0.13055272	1
EDC3	-1.3916696	0.06638053	1	-1.1273976	0.04029519	1
EDC4	1.29688147	0.46916475	1	0.34545516	0.7795888	1
EDDM13	8.88735376	0.12052946	1	-1.1805787	0.62771855	1
EDDM3A	0.27443917	1	1	1.26303441	1	1
EDDM3B	0.27443917	1	1	1.26303441	1	1
EDEM1	-0.2093674	0.96784619	1	0.11180538	0.94463036	1
EDEM2	-1.033129	0.3623074	1	-0.199073	0.75637693	1
EDEM3	0.40658104	0.24935736	1	0.08173027	0.90549848	1
EDF1	-0.4619079	0.51425353	1	-2.1613036	3.09E-08	0.0008536
EDIL3	0.27443917	1	1	1.26303441	1	1
EDN1	0.27443917	1	1	1.26303441	1	1
EDN2	0.27443917	1	1	1.26303441	1	1
EDNRA	0.27443917	1	1	1.26303441	1	1
EDNRB	0.27443917	1	1	1.26303441	1	1
EDRF1	-0.2503884	0.61995566	1	0.25222008	0.35009623	1
EEA1	-0.3991138	0.34758257	1	0.36149032	0.09292238	1
EED	-0.498805	0.35622334	1	-0.7528721	0.02690341	1
EEF1A1	0.55914174	0.17863694	1	-0.8230175	1.36E-05	0.37615879
EEF1A2	0.27443917	1	1	1.26303441	1	1
EEF1AKMT1	-0.3963097	0.4396418	1	0.14774084	0.71532551	1
EEF1AKMT2	-0.3295955	0.95819448	1	-0.2767408	0.59891124	1
EEF1AKMT3	0.75626066	0.85135027	1	3.61587359	0.15452883	1
EEF1AKMT4	0.27443917	1	1	-6.8170432	0.26373073	1
EEF1AKNMT	-0.6996841	0.94847897	1	1.05308501	0.31384631	1
EEF1B2	0.30024075	0.61549263	1	-2.078309	1.21E-13	3.34E-09
EEF1D	0.16707319	0.71744872	1	-1.6868752	2.62E-10	7.22E-06
EEF1E1	0.57225101	0.52580602	1	-1.1170734	0.01632153	1

EEF1G	-0.0581777	0.10778478	1	-2.1496556	1.32E-16	3.65E-12
EEF2	1.03447041	0.01453508	1	-0.7218631	0.00019571	1
EEF2K	-0.3682751	0.7755182	1	0.69522831	0.44072173	1
EEF2KMT	1.94049047	0.50682313	1	1.36743806	0.23554676	1
EEFSEC	0.07599589	0.56546089	1	0.42530586	0.22993086	1
EEPD1	0.10592222	0.97246669	1	1.34358128	0.18065408	1
EFCAB1	-7.8037195	0.36779564	1	-8.3153308	0.3629285	1
EFCAB10	-1.7783844	0.67317602	1	-1.9347861	0.17120737	1
EFCAB11	0.55300952	0.07760923	1	0.54115545	0.16690689	1
EFCAB12	-0.9750976	0.86503869	1	-0.0622603	0.6070784	1
EFCAB14	0.04611146	0.640466	1	-0.9006277	0.01311457	1
EFCAB2	-0.346921	0.28559732	1	-0.2411196	0.78943832	1
EFCAB5	0.73287479	0.52434985	1	4.54756367	0.01224906	1
EFCAB6	-2.2160601	0.25076778	1	-1.0839194	0.64428388	1
EFCAB7	1.67312227	0.68156846	1	0.74162068	0.36339872	1
EFCAB8	0.258539	0.82192634	1	0.47282604	0.70376706	1
EFCAB9	0.27443917	1	1	-8.0743784	0.3629285	1
EFCC1	0.18145247	0.7802037	1	-0.0664137	0.66686334	1
EFEMP1	-5.7676125	0.36779564	1	-6.5761579	0.52259551	1
EFEMP2	0.29451919	0.56987499	1	0.51228159	0.60321842	1
EFHB	0.27443917	1	1	1.26303441	1	1
EFHC1	8.42076024	0.2752184	1	0.60594157	0.8783593	1
EFHC2	0.27443917	1	1	-7.0693905	0.52259551	1
EFHD1	0.27443917	1	1	-7.0793614	0.52259551	1
EFHD2	-1.8526905	0.12912702	1	-2.0284104	0.00223784	1
EFL1	0.39196579	0.36782523	1	0.10007883	0.98617188	1
EFNA1	0.27443917	1	1	1.26303441	1	1
EFNA2	0.27443917	1	1	1.26303441	1	1
EFNA3	6.97043224	0.2752184	1	7.95902748	0.12281968	1
EFNA4	0.27443917	1	1	1.26303441	1	1
EFNA5	0.2553056	0.78682126	1	3.0051179	0.04292093	1
EFNB1	-0.1568683	0.68052236	1	1.66708933	0.85548905	1
EFNB2	-8.6478309	0.36779564	1	-3.4307288	0.52259551	1
EFNB3	0.27443917	1	1	1.26303441	1	1
EFR3A	0.07330845	0.87216788	1	0.18495993	0.39804395	1
EFR3B	7.66031053	0.2752184	1	0.91084941	0.52790957	1
EFS	0.27443917	1	1	1.26303441	1	1
EFTUD2	-1.1573499	0.21510494	1	-0.2464266	0.8223897	1
EGF	0.27443917	1	1	1.26303441	1	1
EGFL6	0.27443917	1	1	1.26303441	1	1
EGFL7	0.27443917	1	1	-4.2111359	0.52259551	1
EGFL8	7.34125167	0.2752184	1	-0.5435204	0.8895985	1
EGFLAM	0.27443917	1	1	-5.4974916	0.52259551	1

EGFR	0.27443917	1	1	-6.1889573	0.52259551	1
EGLN1	-0.2526281	0.57436185	1	-0.0484084	0.65656695	1
EGLN2	-6.7100151	0.36779564	1	1.26303441	1	1
EGLN2-1	-8.3023484	0.06784723	1	-9.3619936	0.03005553	1
EGLN3	2.45865309	0.00792685	1	1.56109956	0.09283182	1
EGR1	1.12297361	0.08675102	1	-0.1865927	0.55162439	1
EGR2	-0.001219	0.67247196	1	-0.8143052	0.0820356	1
EGR3	3.61041951	0.22569004	1	-0.6144147	0.73065512	1
EGR4	0.27443917	1	1	1.26303441	1	1
EHBP1	0.00821479	0.67513408	1	0.65096157	0.00242818	1
EHBP1L1	-0.272391	0.42339839	1	-0.2438503	0.8109751	1
EHD1	0.54825549	0.17769878	1	-0.0900648	0.85075625	1
EHD2	0.27443917	1	1	-3.4115773	0.52259551	1
EHD3	0.27443917	1	1	1.26303441	1	1
EHD4	-0.0319877	0.73041839	1	0.31690414	0.53689864	1
EHF	-6.7958073	0.36779564	1	-8.1849432	0.1958879	1
EHHADH	0.02351715	0.28697365	1	1.07455494	0.69162742	1
EHMT1	0.03074651	0.5832517	1	0.80692417	0.00212234	1
EHMT2	-0.0817466	0.90650582	1	-0.1416194	0.9221059	1
EI24	-1.1391258	0.87353994	1	-1.3248964	0.21742872	1
EID1	-1.4502297	0.13062742	1	-2.7573176	2.43E-06	0.06710534
EID2	-0.4486106	0.88400032	1	-0.908227	0.27686595	1
EID2B	2.73230891	0.45132853	1	1.14935536	0.365771	1
EID3	-2.629276	0.40765452	1	-2.3083739	0.220656	1
EIF1	-0.2560782	0.3594683	1	-1.8032251	1.17E-17	3.22E-13
EIF1AD	-0.2845369	0.97188389	1	-1.3214349	0.18427076	1
EIF1AX	-0.6396617	0.70016735	1	-1.0266332	0.09462898	1
EIF1AY	-0.3899206	0.3849739	1	-2.8947445	0.01110008	1
EIF1B	-0.3094127	0.7792106	1	-1.5972236	0.00109313	1
EIF2A	-0.4865938	0.94682702	1	-0.5996105	0.18335262	1
EIF2AK1	-0.2639151	0.33142777	1	0.23133436	0.49840109	1
EIF2AK2	-1.9921412	1.00E-06	0.02769469	0.04616149	0.88493242	1
EIF2AK3	-0.1529087	0.53673543	1	0.04614634	0.39592203	1
EIF2AK4	-0.4189329	0.93126663	1	-0.3629444	0.4602263	1
EIF2B1	-0.706612	0.88111921	1	-0.790193	0.4380639	1
EIF2B2	0.0139082	0.56797707	1	0.14382773	0.43979533	1
EIF2B3	-0.4316724	0.2621575	1	0.09899988	0.49114278	1
EIF2B4	0.77876578	0.0648169	1	-0.0269201	0.68299567	1
EIF2B5	-0.4878943	0.71243231	1	-0.6301067	0.5008735	1
EIF2D	0.25739971	0.35823471	1	-0.9385326	0.78193761	1
EIF2S1	0.15838759	0.19517961	1	-0.2752653	0.53845598	1
EIF2S2	0.15558502	0.4462596	1	-0.9393743	0.00324887	1
EIF2S3	0.18987851	0.2989757	1	-0.740254	0.10883117	1

EIF3A	-0.0298705	0.5958486	1	0.24750081	0.61807618	1
EIF3B	0.04246789	0.59197933	1	-0.1544359	0.70827644	1
EIF3D	-0.3435235	0.69373969	1	-0.7942697	0.00554727	1
EIF3E	-0.5759494	0.49192435	1	-1.7460992	5.79E-09	0.00015976
EIF3F	0.51934499	0.69202627	1	-1.6048522	2.70E-06	0.07462189
EIF3G	0.59919389	0.33740021	1	-1.1507146	0.00075889	1
EIF3H	-0.3705752	0.90858051	1	-0.5276811	0.05860894	1
EIF3I	0.02560214	0.54313537	1	-1.4744339	0.00089784	1
EIF3J	-0.0893763	0.67054026	1	-0.766044	0.01937364	1
EIF3K	0.60315347	0.1535303	1	-1.7504834	3.02E-10	8.34E-06
EIF3L	0.74165113	0.08053597	1	-0.562072	0.05353004	1
EIF3M	-0.0707793	0.61462101	1	-0.4074643	0.09984057	1
EIF4A1	0.17525983	0.96312251	1	-0.740014	0.00615855	1
EIF4A2	-0.349094	0.51424779	1	-0.8120045	0.00089198	1
EIF4A3	-0.4793603	0.77965594	1	-0.6056869	0.10886627	1
EIF4B	-0.1287826	0.74822701	1	-0.3258928	0.25166603	1
EIF4E	1.38186409	0.01114807	1	0.28718129	0.44079539	1
EIF4E2	-0.1278334	0.40419817	1	-0.0664588	0.49662622	1
EIF4E3	-0.9499356	0.09612037	1	-0.7497991	0.03174151	1
EIF4EBP1	-1.23477	0.10590846	1	-2.5095424	0.00049482	1
EIF4EBP2	-0.1248243	0.865538	1	0.21646363	0.46520822	1
EIF4EBP3	8.78290204	0.12052946	1	-0.0324864	0.95888601	1
EIF4ENIF1	-0.1367191	0.65655216	1	-0.5848408	0.54434267	1
EIF4G1	-0.9565804	0.16522904	1	-0.1631301	0.93258339	1
EIF4G2	-0.2001656	0.45058119	1	-0.3809098	0.03797391	1
EIF4G3	-0.4948002	0.07362368	1	-0.0592042	0.79716298	1
EIF4H	-0.2476421	0.84909733	1	-0.2038991	0.81024282	1
EIF5	-0.9129663	0.00797649	1	-0.9499815	0.0014514	1
EIF5A	-0.5144817	0.60246097	1	-0.9234393	0.01226639	1
EIF5A2	-0.9285827	0.88923822	1	-1.3433021	0.70907978	1
EIF5B	-0.3915897	0.82524287	1	-0.9180625	0.04494506	1
EIF6	-0.2223337	0.28105275	1	-1.893912	0.00078853	1
EIPR1	0.44449226	0.12190296	1	0.66142249	0.03120363	1
ELAC1	-0.1640068	0.55059839	1	-0.9015429	0.80311227	1
ELAC2	0.31764917	0.72960455	1	0.02670623	0.82580442	1
ELANE	0.27443917	1	1	1.26303441	1	1
ELAVL1	-0.0541284	0.68332695	1	0.10809319	0.71304718	1
ELAVL2	0.27443917	1	1	1.26303441	1	1
ELAVL3	7.06868348	0.2752184	1	-0.4251785	0.8895985	1
ELAVL4	0.27443917	1	1	1.26303441	1	1
ELF1	-0.2578194	0.42232104	1	0.06524025	0.97030679	1
ELF2	-0.3021621	0.6048976	1	0.06358549	0.23404867	1
ELF3	0.27443917	1	1	-8.8175846	0.1474095	1

ELF4	0.05133544	0.81076789	1	-0.5701865	0.10131444	1	
ELF5	1.03544094	0.89260809	1	-1.9546647	0.8409801	1	
ELFN1	0.27443917	1	1	1.26303441	1	1	
ELFN2	4.78290873	0.11273814	1	3.98857714	0.04189231	1	
ELK1	-9.171821	0.19965135	1	-9.0733504	0.03889469	1	
ELK3	0.23123745	0.31051569	1	0.2099318	0.49975213	1	
ELK4	0.01210654	0.64272586	1	-0.262221	0.51429296	1	
ELL	0.19008443	0.20932503	1	0.56292627	0.08973404	1	
ELL2	-1.2982038	0.0140444	1	-0.3482479	0.15429939	1	
ELL3	0.09981529	0.85135027	1	2.21905571	0.35926299	1	
ELMO1	0.10156951	0.47707468	1	0.58148826	4.39E-06	0.12124104	
ELMO2	-0.7643206	0.08746192	1	0.50680987	0.79108723	1	
ELMO3	-8.1900523	0.36779564	1	-6.1519811	0.52259551	1	
ELMOD1	0.27443917	1	1	1.26303441	1	1	
ELMOD2	0.25885681	0.97188389	1	-0.3124089	0.36091778	1	
ELMOD3	0.0857315	0.504676	1	-0.2794542	0.3019986	1	
ELMSAN1	0.69906712	0.15095881	1	0.35435383	0.39444369	1	
ELN	0.27443917	1	1	-8.243742	0.3629285	1	
ELOA	-0.1135708	0.6565863	1	-0.2656248	0.34285885	1	
ELOA2	0.27443917	1	1	1.26303441	1	1	
ELOB	-0.4457619	0.2165779	1	-3.2847763	7.11E-08	0.00196317	
ELOC	1.04066902	0.05244127	1	-0.7144581	0.36274437	1	
ELOF1	-0.811959	0.55540624	1	-2.466177	0.01175064	1	
ELOVL1	-0.1610562	0.43821864	1	-0.502238	0.2922343	1	
ELOVL2	0.27443917	1	1	-5.1407106	0.52259551	1	
ELOVL3	0.27443917	1	1	1.26303441	1	1	
ELOVL4	7.67637454	0.2752184	1	1.55619609	0.52223338	1	
ELOVL5	0.28799451	0.23188398	1	0.4062148	0.14808015	1	
ELOVL6	0.31896212	0.51164527	1	0.17005251	0.78920817	1	
ELOVL7	0.27443917	1	1	1.26303441	1	1	
ELP1	-1.1363352	0.76463072	1	-0.3530276	0.86918545	1	
ELP2	-0.3520204	0.90306919	1	0.45541868	0.27218691	1	
ELP3	-0.1089418	0.80826017	1	0.20635626	0.97141543	1	
ELP4	-0.3352183	0.36165167	1	0.07673848	0.59162271	1	
ELP5	-1.80456	0.25400575	1	-1.9048794	0.37449073	1	
ELP6	0.31636129	0.54514591	1	1.24968602	0.33130843	1	
ELSPBP1	0.27443917	1	1	1.26303441	1	1	
EMB	0.19823891	0.09617626	1	0.38550954	0.30692358	1	
EMC1	0.7770298	0.69525145	1	0.41125342	0.91789785	1	
EMC10	0.11490881	0.6565863	1	-0.8631619	0.39528762	1	
EMC2	0.34771247	0.53734249	1	0.532672	0.57266826	1	
EMC3	-0.3211464	0.6565863	1	-0.5733597	0.11871112	1	
EMC4	-2.4093472	0.29630187	1	-1.3648786	0.39715065	1	

EMC6	-1.8499954	0.14165401	1	-3.1787124	0.00047726	1
EMC7	-0.8355421	0.15944773	1	-1.9001152	0.00192717	1
EMC8	-1.6172454	0.21765356	1	-1.3595737	0.18463251	1
EMC9	8.12052546	0.2752184	1	-0.5895327	0.49657976	1
EMCN	0.27443917	1	1	1.26303441	1	1
EMD	-2.5909735	0.03703611	1	-3.3712572	0.00183493	1
EME1	0.27443917	1	1	-7.263456	0.3629285	1
EME2	0.27443917	1	1	1.26303441	1	1
EMG1	-1.1981943	0.38541098	1	-0.994806	0.10573681	1
EMID1	0.27443917	1	1	-6.9505947	0.52259551	1
EMILIN1	0.27443917	1	1	1.26303441	1	1
EMILIN2	-3.2131085	0.25076778	1	-2.7696621	0.03781715	1
EML1	-0.9386432	0.64547316	1	-0.0906163	0.62139346	1
EML2	0.01087622	0.61329515	1	1.05250181	0.10500751	1
EML3	0.08648925	0.26271654	1	0.05800669	0.60406528	1
EML4	0.14750382	0.57925855	1	0.29093239	0.04543045	1
EML5	-0.5035599	0.78214771	1	0.11330294	0.99391584	1
EML6	-9.8918875	0.04066178	1	-9.7639919	0.06553217	1
EMP1	-1.0416478	0.41759769	1	9.59084523	0.12281968	1
EMP2	0.27443917	1	1	1.26303441	1	1
EMP3	-0.6559741	0.22248478	1	-2.3476626	3.54E-15	9.76E-11
EMSY	-0.0973365	0.95436542	1	0.08538484	0.83080399	1
EMX1	0.27443917	1	1	1.26303441	1	1
EMX2	0.27443917	1	1	1.26303441	1	1
ENAH	-3.4480801	0.67317602	1	-0.9856025	0.52790957	1
ENAM	0.27443917	1	1	1.26303441	1	1
ENC1	0.27443917	1	1	-5.9157289	0.52259551	1
ENDOD1	-1.3272824	0.36358287	1	-1.1495257	0.21250954	1
ENDOG	0.27443917	1	1	-6.4161414	0.52259551	1
ENDOU	-7.4842085	0.36779564	1	1.26303441	1	1
ENG	8.41233013	0.12052946	1	0.18972823	0.15869376	1
ENGASE	0.27277973	0.4634873	1	0.10678141	0.79393384	1
ENHO	0.27443917	1	1	1.26303441	1	1
ENKD1	-7.579236	0.36779564	1	-7.8722538	0.26373073	1
ENKUR	-9.5116921	0.11486391	1	-9.6975189	0.1958879	1
ENO1	0.03262043	0.87672271	1	-1.2077946	1.05E-06	0.02910793
ENO2	-1.0350943	0.51959114	1	-0.9769283	0.19170623	1
ENO3	-0.3730762	0.65442318	1	-2.2228461	0.05551261	1
ENO4	0.27443917	1	1	-3.4307288	0.52259551	1
ENOPH1	-0.6873506	0.16542965	1	-0.5214591	0.10756648	1
ENOSF1	-8.6649027	0.19965135	1	-9.3239698	0.08544191	1
ENOX1	-8.554816	0.19965135	1	-4.4025832	0.52259551	1
ENOX2	-1.1595195	0.07763153	1	0.05786142	0.67322864	1

ENPEP	0.27443917	1	1	1.26303441	1	1
ENPP1	1.38720933	0.06734107	1	2.14298473	0.00022114	1
ENPP2	0.27443917	1	1	-6.8555516	0.52259551	1
ENPP3	-8.0976866	0.19965135	1	-6.7232104	0.3629285	1
ENPP4	0.2700242	0.90498006	1	-0.407893	0.19142611	1
ENPP5	-9.8268438	0.06784723	1	-9.9037219	0.08544191	1
ENPP6	0.27443917	1	1	1.26303441	1	1
ENPP7	0.27443917	1	1	1.26303441	1	1
ENSA	-0.3913571	0.30560671	1	-0.9518076	0.0088182	1
ENTHD1	0.27443917	1	1	1.26303441	1	1
ENTPD2	0.27443917	1	1	1.26303441	1	1
ENTPD3	-9.0074142	0.19965135	1	-6.7548751	0.52259551	1
ENTPD4	0.37210119	0.26356977	1	0.7088548	0.03967292	1
ENTPD5	0.14462011	0.20449732	1	-1.6165866	0.40473962	1
ENTPD6	0.22045445	0.82464385	1	0.18758575	0.62449737	1
ENTPD7	0.10142502	0.75870978	1	-0.7647947	0.40253743	1
ENTPD8	0.27443917	1	1	1.26303441	1	1
ENTR1	-0.7426377	0.30623273	1	1.39368997	0.33948064	1
ENY2	0.42871255	0.60370038	1	-0.8828546	0.01187001	1
EOGT	-1.3139804	0.27585432	1	-0.5556843	0.68201504	1
EOMES	-0.4701374	0.88923822	1	-1.46318	0.21965076	1
EP300	0.25179061	0.08188699	1	0.28592468	0.17321583	1
EP400	0.30783836	0.39686025	1	0.53516272	0.03958225	1
EPAS1	-0.7363153	0.04242912	1	1.11100392	0.82727256	1
EPB41	0.29460955	0.07564898	1	0.58583207	0.00079238	1
EPB41L1	0.29944307	0.52473907	1	1.19313228	0.52422294	1
EPB41L2	-0.2622	0.41130395	1	1.22260125	0.33680662	1
EPB41L3	-9.9998267	0.06784723	1	-9.3203876	0.08544191	1
EPB41L4A	0.08874513	0.85818915	1	-1.0594694	0.50953818	1
EPB41L4B	-9.3794208	0.19965135	1	-7.4704164	0.52259551	1
EPB41L5	-0.5208728	0.61807348	1	0.51709986	0.15548921	1
EPB42	-9.2954577	0.19965135	1	-8.1657518	0.26373073	1
EPC1	0.01749373	0.91178149	1	-0.1922216	0.21532873	1
EPC2	0.12107605	0.45254544	1	0.70410107	0.00086397	1
EPCAM	0.27443917	1	1	-7.5970608	0.3629285	1
EPDR1	-5.7676125	0.36779564	1	-7.1432217	0.3629285	1
EPG5	0.26674946	0.32056315	1	0.3636298	0.13954385	1
EPGN	-7.2442683	0.36779564	1	1.26303441	1	1
EPHA1	0.27443917	1	1	1.26303441	1	1
EPHA10	-8.1704246	0.36779564	1	1.26303441	1	1
EPHA2	0.27443917	1	1	-6.7390077	0.52259551	1
EPHA3	9.04691928	0.2752184	1	10.0355145	0.12281968	1
EPHA4	0.27443917	1	1	1.26303441	1	1

EPHA5	0.27443917	1	1	1.26303441	1	1
EPHA6	0.27443917	1	1	1.26303441	1	1
EPHA7	7.06868348	0.2752184	1	-0.1243011	0.88397598	1
EPHA8	7.66031053	0.2752184	1	8.64890577	0.12281968	1
EPHB1	7.71846174	0.2752184	1	2.34931115	0.52223338	1
EPHB2	0.83658843	0.83770648	1	-0.0041785	0.83384139	1
EPHB3	0.27443917	1	1	1.26303441	1	1
EPHB4	0.27443917	1	1	-7.1683967	0.52259551	1
EPHB6	0.27443917	1	1	-6.6237736	0.52259551	1
EPHX1	-0.7816946	0.85135027	1	-1.4414301	0.49698249	1
EPHX2	-7.0810037	0.36779564	1	-6.9824248	0.52259551	1
EPHX3	0.27443917	1	1	-7.3495874	0.3629285	1
EPHX4	-7.1050095	0.36779564	1	-5.3327267	0.52259551	1
EPM2A	-0.9219544	0.27175046	1	0.1469937	0.80507349	1
EPM2AIP1	0.09506492	0.18481264	1	-0.3265988	0.76333454	1
EPN1	-0.1210427	0.74810579	1	0.52702437	0.75518386	1
EPN2	-3.6724744	0.24755874	1	-1.9401172	0.37197527	1
EPN3	0.27443917	1	1	1.26303441	1	1
EPO	0.27443917	1	1	1.26303441	1	1
EPOP	0.27443917	1	1	1.26303441	1	1
EPOR	0.27443917	1	1	-7.7922387	0.3629285	1
EPPK1	-7.3858295	0.36779564	1	1.26303441	1	1
EPRS	-0.0273873	0.76672658	1	0.00758239	0.78767734	1
EPS15	-0.0212916	0.880806	1	0.62261584	0.00024859	1
EPS15L1	-0.1471012	0.54228958	1	0.19278446	0.73412373	1
EPS8	3.49757098	0.02863319	1	1.35221351	0.0323455	1
EPS8L1	0.27443917	1	1	1.26303441	1	1
EPS8L2	-8.9269178	0.19965135	1	-8.21253	0.3629285	1
EPS8L3	0.27443917	1	1	1.26303441	1	1
EPSTI1	-2.2765054	3.18E-11	8.78E-07	0.47513532	0.84007335	1
EPX	0.27443917	1	1	1.26303441	1	1
EPYC	0.27443917	1	1	1.26303441	1	1
EQTN	0.27443917	1	1	1.26303441	1	1
ERAL1	2.39062153	0.15778002	1	-0.2296945	0.25617346	1
ERAP1	0.36300767	0.50226795	1	-0.1098246	0.63084544	1
ERAP2	-1.4563802	0.10336081	1	-0.403352	0.93037409	1
ERAS	0.27443917	1	1	1.26303441	1	1
ERBB2	0.27443917	1	1	-7.7063525	0.52259551	1
ERBB3	0.27443917	1	1	1.26303441	1	1
ERBB4	1.2259286	0.16371599	1	0.99683298	0.08655244	1
ERBIN	0.06304433	0.62520136	1	0.59117471	0.00192589	1
ERC1	-0.0999968	0.55854993	1	0.28761008	0.07669528	1
ERC2	-1.805343	0.40765452	1	-2.0683379	0.220656	1

ERCC1	0.50626262	0.37022158	1	-0.6527944	0.1235966	1
ERCC2	-2.3389085	0.67317602	1	-2.5494841	0.64032309	1
ERCC3	-0.6226743	0.37489506	1	0.43686195	0.44947124	1
ERCC4	-0.6031226	0.6565863	1	0.30820247	0.3843488	1
ERCC5	-0.12042	0.71630677	1	0.08901918	0.36338573	1
ERCC6	0.01532323	0.65615747	1	0.36311182	0.06786397	1
ERCC6L	-0.4692051	0.68789913	1	-0.0339037	0.65223573	1
ERCC6L2	-0.5201118	0.5136021	1	-0.065158	0.58742724	1
ERCC8	-1.0772589	0.45990098	1	0.26317989	0.29922004	1
EREG	1.44911492	0.7969362	1	0.53140786	0.78920817	1
ERF	1.6530443	0.28526399	1	0.0575679	0.92263828	1
ERFE	0.27443917	1	1	-6.6867618	0.52259551	1
ERG	0.27443917	1	1	1.26303441	1	1
ERG28	-2.6435477	0.06044383	1	-3.0729533	0.01759474	1
ERGIC1	0.44735344	0.27596842	1	0.51716599	0.35882178	1
ERGIC2	-0.10377	0.84591826	1	-0.1738768	0.90680536	1
ERGIC3	-0.5219875	0.83488645	1	-1.0841019	0.02848564	1
ERH	-1.0488579	0.19365687	1	-1.6949007	0.00018639	1
ERI1	-0.2405452	0.73459278	1	-0.1841684	0.86208716	1
ERI2	1.39559643	0.89260809	1	-1.8173876	0.37197527	1
ERI3	-0.5178683	0.17807662	1	0.30194415	0.92751748	1
ERICH1	0.2616665	0.33702374	1	-0.5502727	0.15725674	1
ERICH2	-9.673155	0.11486391	1	-9.9548443	0.11188911	1
ERICH3	-10.166403	0.02458092	1	-8.4779332	0.26373073	1
ERICH4	0.27443917	1	1	1.26303441	1	1
ERICH5	-9.0207649	0.19965135	1	-8.5464999	0.26373073	1
ERICH6	0.27443917	1	1	-6.6237736	0.52259551	1
ERICH6B	0.27443917	1	1	1.26303441	1	1
ERLEC1	-0.6074097	0.08093921	1	-0.7911237	0.00162159	1
ERLIN1	-0.7949173	0.64994186	1	-1.0849364	0.22641455	1
ERLIN2	3.01103102	0.00395329	1	0.34892159	0.45832028	1
ERMAP	1.08645281	0.89260809	1	-0.3756928	0.88397598	1
ERMARD	-0.1499278	0.56401432	1	-0.7959862	0.47234285	1
ERMN	0.27443917	1	1	1.26303441	1	1
ERMP1	0.294085	0.27430603	1	0.06148426	0.31122263	1
ERN1	-0.2450804	0.61047509	1	-0.2095695	0.15798319	1
ERN2	0.27443917	1	1	1.26303441	1	1
ERO1A	-0.2335437	0.56018921	1	0.07241809	0.98054575	1
ERO1B	-0.4721429	0.36426985	1	-0.2151735	0.36991204	1
ERP27	1.2215695	0.10498099	1	0.36095188	0.52774584	1
ERP29	-1.0400798	0.45564792	1	-1.2188247	0.1192231	1
ERP44	-1.0830364	0.0459363	1	-0.3510249	0.31348264	1
ERRFI1	0.11503573	0.81908362	1	1.78719563	0.2607118	1

ERV3-1	0.27443917	1	1	-9.9316618	0.02325653	1
ERVFRD-1	0.27443917	1	1	1.26303441	1	1
ERVH48-1	0.27443917	1	1	1.26303441	1	1
ERVMER34-1	0.27443917	1	1	1.26303441	1	1
ERVV-2	0.27443917	1	1	1.26303441	1	1
ERVW-1	0.27443917	1	1	-5.8384965	0.52259551	1
ESAM	0.27443917	1	1	1.26303441	1	1
ESCO1	0.36806401	0.08871161	1	0.57892232	0.01357828	1
ESCO2	-8.5297897	0.36779564	1	1.26303441	1	1
ESD	-0.502313	0.38334655	1	-0.2333049	0.82941757	1
ESF1	-0.1113363	0.89417771	1	-0.3938756	0.1957786	1
ESM1	0.27443917	1	1	1.26303441	1	1
ESPL1	0.27443917	1	1	-5.353932	0.52259551	1
ESPN	0.27443917	1	1	-8.1682804	0.26373073	1
ESPNL	0.27443917	1	1	-6.9480446	0.52259551	1
ESR1	-1.4123858	0.23934276	1	0.74995171	0.33853559	1
ESR2	8.8379806	0.12052946	1	-0.489219	0.84174049	1
ESRP1	-8.5807632	0.36779564	1	1.26303441	1	1
ESRP2	-5.4928051	0.36779564	1	-8.3690419	0.1958879	1
ESRRA	0.03372912	0.64655524	1	-0.9966538	0.24282293	1
ESRRB	0.27443917	1	1	1.26303441	1	1
ESRRG	-2.8448561	0.40765452	1	8.49087321	0.12281968	1
ESS2	-0.2743555	0.90231962	1	-2.2210664	0.22222204	1
ESYT1	-1.063886	0.26430725	1	-0.894378	0.04834731	1
ESYT2	0.07376378	0.37714694	1	0.56181658	0.00068479	1
ESYT3	2.06224022	0.01818674	1	2.54881083	0.00116361	1
ETAA1	-0.2664449	0.63766817	1	-0.3127858	0.73768377	1
ETF1	0.90755394	0.03929641	1	0.09006623	0.41635624	1
ETFA	-0.6850853	0.24716718	1	-0.4793459	0.28928848	1
ETFB	-1.101962	0.51338233	1	-2.467258	9.00E-07	0.02483944
ETFBKMT	-1.4133577	0.23404819	1	-0.6646559	0.40786804	1
ETFDH	-0.6774121	0.98722619	1	-0.1637517	0.59329461	1
ETFRF1	-1.0433562	0.8025791	1	-1.0420303	0.62478132	1
ETHE1	-1.5642026	0.15016898	1	-2.1477686	0.00599315	1
ETNK1	-0.4888505	0.56347357	1	0.22543785	0.4276461	1
ETNK2	0.27443917	1	1	-5.1407106	0.52259551	1
ETNPPL	0.27443917	1	1	1.26303441	1	1
ETS1	0.72721823	5.89E-05	1	0.76403238	5.86E-06	0.16169893
ETS2	0.04685429	0.66429651	1	-1.0370663	0.06769819	1
ETV1	0.27443917	1	1	1.26303441	1	1
ETV2	0.27443917	1	1	-6.689704	0.3629285	1
ETV3	-0.4661969	0.49162444	1	0.00128893	0.98741825	1
ETV3L	0.27443917	1	1	1.26303441	1	1

ETV4	-8.288628	0.36779564	1	1.26303441	1	1
ETV5	1.74595496	0.45738523	1	2.46082021	0.15660079	1
ETV6	0.20614147	0.80177666	1	0.81257851	0.05819796	1
ETV7	0.27443917	1	1	1.26303441	1	1
EVA1A	0.27443917	1	1	1.26303441	1	1
EVA1B	1.19538195	0.68789913	1	-1.0941868	0.0191699	1
EVA1C	0.27443917	1	1	-7.8065198	0.52259551	1
EVC	0.27443917	1	1	1.26303441	1	1
EVC2	0.27443917	1	1	-6.4490189	0.52259551	1
EVI2A	-0.1896261	0.67901812	1	-1.6194117	0.00668806	1
EVI2B	0.19891596	0.39243874	1	-1.2087667	0.01732671	1
EVI5	-0.9004366	0.10688986	1	-0.0826891	0.51940365	1
EVI5L	-0.1739683	0.76722589	1	-0.3005391	0.76458351	1
EVL	-0.0845786	0.86908763	1	0.00299739	0.87193246	1
EVPL	0.27443917	1	1	-6.7302273	0.52259551	1
EWSR1	-0.1852801	0.60100057	1	-0.0100917	0.94165083	1
EXD1	-6.0973458	0.36779564	1	-5.0947114	0.52259551	1
EXD2	0.28483532	0.78682126	1	-0.906653	0.28421634	1
EXD3	0.23647525	0.14426053	1	1.27440066	0.00255059	1
EXO1	-0.3538926	0.68789913	1	9.27686806	0.12281968	1
EXO5	0.27443917	1	1	1.26303441	1	1
EXOC1	0.30288737	0.44376049	1	0.18226286	0.36583598	1
EXOC2	0.48836827	0.16346534	1	0.4822237	0.0998756	1
EXOC3	-0.1244578	0.58641286	1	-0.5949254	0.05858801	1
EXOC3L1	0.27443917	1	1	1.26303441	1	1
EXOC3L2	0.27443917	1	1	1.26303441	1	1
EXOC3L4	0.27443917	1	1	1.26303441	1	1
EXOC4	0.14291502	0.78970435	1	0.3927873	0.06886119	1
EXOC5	0.1930353	0.52911196	1	0.44554514	0.72611296	1
EXOC6	0.77068099	0.03560875	1	0.3468113	0.14552051	1
EXOC6B	-0.0312116	0.42509856	1	0.16498948	0.61978141	1
EXOC7	0.53083388	0.68227529	1	0.45752282	0.66818923	1
EXOC8	-1.0728442	0.25400575	1	-1.3060462	0.13902025	1
EXOG	0.40376017	0.15782571	1	0.29842973	0.18754023	1
EXOSC1	-0.500936	0.55002872	1	-1.0064962	0.13073326	1
EXOSC10	-0.3145981	0.92969399	1	0.70144095	0.45170735	1
EXOSC2	0.86018987	0.34097321	1	0.58968098	0.26435019	1
EXOSC3	0.31735857	0.53118642	1	-1.1428134	0.02136226	1
EXOSC4	-1.1641966	0.80862687	1	-1.327574	0.13383507	1
EXOSC5	-2.5466801	0.09773088	1	-2.7171064	0.00707671	1
EXOSC6	0.08213315	0.57473755	1	-2.6283174	0.00417852	1
EXOSC7	-0.0855289	0.27061437	1	-0.8280788	0.32973466	1
EXOSC8	-1.7896993	0.31207067	1	-1.5863067	0.07272745	1

EXOSC9	-1.9476219	0.1269962	1	-1.2452018	0.2707852	1
EXPH5	0.41814302	0.66794153	1	0.54115347	0.96388173	1
EXT1	-0.4227748	0.38278219	1	0.55453054	0.72379293	1
EXT2	0.69766322	0.12368611	1	0.23360638	0.48827183	1
EXTL1	-5.7150445	0.36779564	1	1.26303441	1	1
EXTL2	-0.9401855	0.52537988	1	0.67322974	0.74425002	1
EXTL3	0.15043096	0.88452616	1	-0.0574424	0.71612978	1
EYA1	-7.5569148	0.36779564	1	-7.4704164	0.52259551	1
EYA2	-7.9885245	0.36779564	1	-8.806842	0.26373073	1
EYA3	0.29008033	0.53602791	1	0.52741904	0.12731808	1
EYA4	-8.6749204	0.36779564	1	-8.3775841	0.3629285	1
EZH1	1.9255865	0.0053066	1	0.61870679	0.17655945	1
EZH2	-0.0935147	0.99748185	1	0.41330502	0.64565244	1
EZR	0.16921361	0.39277739	1	-0.1894731	0.218226	1
F10	-1.7995155	0.25400575	1	-2.3273596	0.2190979	1
F11	0.27443917	1	1	1.26303441	1	1
F11R	-1.194894	0.25400575	1	-0.5609982	0.49338433	1
F12	8.47620646	0.2752184	1	9.4648017	0.12281968	1
F13A1	-1.4852839	0.21524719	1	0.33326193	0.73508844	1
F13B	0.27443917	1	1	1.26303441	1	1
F2	1.04510365	0.84452255	1	10.4919809	0.02855238	1
F2R	-1.4394081	0.89448096	1	-1.5067516	0.32344786	1
F2RL1	1.68689089	0.89260809	1	1.98458793	0.52223338	1
F2RL2	0.17602096	0.85135027	1	-1.2407187	0.5019849	1
F3	-8.0178825	0.36779564	1	-8.0181989	0.3629285	1
F5	2.51261872	0.83770648	1	4.49202385	0.15452883	1
F7	0.27443917	1	1	1.26303441	1	1
F8	-8.1816363	0.19965135	1	-8.3205807	0.26373073	1
F9	0.27443917	1	1	1.26303441	1	1
FA2H	-1.1473141	0.67317602	1	3.29331161	0.52223338	1
FAAH	-6.8053897	0.36779564	1	1.26303441	1	1
FAAH2	1.561516	0.49174922	1	2.75941314	0.12766079	1
FAAP100	-0.8844468	0.45920413	1	0.0407952	0.88787827	1
FAAP20	-0.7929846	0.5506235	1	-0.9796003	0.25966609	1
FAAP24	-9.1648768	0.19965135	1	-7.4509909	0.52259551	1
FABP12	0.27443917	1	1	1.26303441	1	1
FABP2	0.27443917	1	1	1.26303441	1	1
FABP3	-0.8265679	0.41759769	1	-2.0023455	0.0825889	1
FABP4	-1.2767964	0.00047874	1	-2.0829434	7.66E-11	2.12E-06
FABP5	-3.199594	4.14E-05	1	-4.636528	1.61E-18	4.44E-14
FABP6	0.27443917	1	1	-6.7985788	0.52259551	1
FABP7	0.27443917	1	1	1.26303441	1	1
FABP9	0.27443917	1	1	1.26303441	1	1

FADD	-10.349914	0.06784723	1	-8.2211228	0.1474095	1
FADS1	0.06919812	0.40686085	1	0.42156915	0.339188	1
FADS2	9.08207696	0.05637677	1	1.93767788	0.25857517	1
FADS3	-2.015448	0.15700157	1	-0.7732077	0.23017163	1
FADS6	-7.7213779	0.36779564	1	1.26303441	1	1
FAF1	-0.4829418	0.00133037	1	0.06938517	0.85729531	1
FAF2	-0.3694632	0.5349518	1	0.46310869	0.26832365	1
FAH	-0.3793737	0.47801204	1	-0.7574142	0.10301186	1
FAHD1	-8.5711941	0.11486391	1	-8.5415215	0.26373073	1
FAIM	-0.442619	0.35522748	1	-1.0446846	0.02103656	1
FAIM2	0.27443917	1	1	1.26303441	1	1
FAM102A	0.79396801	0.00065877	1	0.26289638	0.16020151	1
FAM102B	-0.4869227	0.23153378	1	0.38771836	0.64764297	1
FAM104A	1.45411574	0.33730872	1	1.14387994	0.43593474	1
FAM104B	0.22829295	0.81908362	1	-0.3425973	0.51076161	1
FAM107A	0.27443917	1	1	1.26303441	1	1
FAM107B	0.36403637	0.16563478	1	0.14275951	0.94219607	1
FAM110A	-0.7382763	0.79654313	1	-0.3925412	0.41889513	1
FAM110B	-11.645084	0.02458092	1	-8.1228914	0.1958879	1
FAM110C	2.71663421	0.89260809	1	1.92269217	0.52223338	1
FAM110D	0.27443917	1	1	1.26303441	1	1
FAM111A	-1.4403021	0.03854172	1	-1.0877616	0.01921079	1
FAM111B	-10.091584	0.06784723	1	1.26303441	1	1
FAM114A1	0.27443917	1	1	1.26303441	1	1
FAM114A2	0.09192913	0.99228785	1	0.52448201	0.98955742	1
FAM117A	0.19086991	0.16811804	1	0.14198909	0.59573818	1
FAM117B	0.06704498	0.62288925	1	0.00431529	0.40787524	1
FAM118A	1.21351447	0.07054797	1	1.01313364	0.08097977	1
FAM118B	-0.6734903	0.65139657	1	0.54737794	0.6716125	1
FAM120A	0.04666848	0.3388516	1	0.19705763	0.15560248	1
FAM120AOS	-3.3717501	0.01367905	1	-3.6355503	0.00504415	1
FAM120B	0.09409375	0.49176852	1	0.62268441	0.05824152	1
FAM120C	1.70647424	0.01867615	1	0.04156952	0.64744451	1
FAM122A	-0.1189525	0.89972832	1	-0.6541613	0.28917411	1
FAM122B	-0.290104	0.56584231	1	0.22947902	0.54794419	1
FAM122C	-1.3599184	0.54586113	1	-2.2992713	0.39340637	1
FAM124A	10.2140958	0.05637677	1	1.47967386	0.26286061	1
FAM124B	0.27443917	1	1	1.26303441	1	1
FAM126A	0.66163344	0.2234026	1	0.561036	0.18483427	1
FAM126B	-1.0415958	0.07173669	1	-0.5315392	0.21904485	1
FAM127A	1.24414241	0.83770648	1	-2.2616759	0.15802614	1
FAM127C	-9.847243	0.0055601	1	-10.223037	0.03889469	1
FAM129A	0.13289169	0.99513669	1	0.20717887	0.94198839	1

FAM129B	1.73541577	0.20508953	1	1.84637496	0.05938708	1
FAM129C	-8.9762558	0.19965135	1	-7.8540774	0.3629285	1
FAM131A	1.58252036	0.23243735	1	0.64566904	0.61212222	1
FAM131B	7.14873999	0.2752184	1	8.13733522	0.12281968	1
FAM131C	0.27443917	1	1	-6.0209494	0.52259551	1
FAM133A	0.27443917	1	1	-6.9505947	0.52259551	1
FAM133B	-0.0237483	0.69607514	1	0.03866562	0.85186664	1
FAM135A	0.6275552	0.37418178	1	0.30902125	0.99454908	1
FAM135B	8.53166874	0.12052946	1	9.52026398	0.02855238	1
FAM136A	7.29218615	0.2752184	1	-1.2370298	0.64032309	1
FAM13A	-0.1461925	0.91838178	1	0.28539271	0.18571701	1
FAM13B	0.32991558	0.17715506	1	0.53834311	0.00525402	1
FAM13C	8.25788691	0.2752184	1	9.24648214	0.12281968	1
FAM149A	0.25257371	0.82075644	1	0.95399733	0.97382966	1
FAM149B1	-0.9195635	0.76255669	1	-0.4624522	0.56684216	1
FAM151A	0.74958488	0.68789913	1	5.62188031	0.52223338	1
FAM151B	-10.583143	0.06784723	1	-8.8966035	0.08544191	1
FAM155A	0.27443917	1	1	-7.3032863	0.3629285	1
FAM155B	0.27443917	1	1	-6.1297678	0.52259551	1
FAM156A	2.36681602	0.04516376	1	-0.2188284	0.60622828	1
FAM156B	9.80264926	0.02713794	1	5.29128186	0.01224906	1
FAM160A1	0.27443917	1	1	-5.2048921	0.52259551	1
FAM160A2	-0.178632	0.7964018	1	-0.9265531	0.28670599	1
FAM160B1	0.40453123	0.61137632	1	0.96710026	0.41564147	1
FAM160B2	0.53566622	0.80799068	1	-0.7432458	0.50219532	1
FAM161A	-1.3039368	0.67317602	1	0.7311162	0.52790957	1
FAM161B	-0.4629071	0.83021289	1	-1.1435751	0.33433406	1
FAM162A	0.06554656	0.66136744	1	-1.719061	0.00048348	1
FAM162B	0.27443917	1	1	-7.4217459	0.52259551	1
FAM163A	6.80268521	0.2752184	1	7.79128045	0.12281968	1
FAM163B	0.27443917	1	1	1.26303441	1	1
FAM166A	0.27443917	1	1	1.26303441	1	1
FAM166B	0.27443917	1	1	-5.4974916	0.52259551	1
FAM167A	-0.342311	0.79594495	1	0.44891941	0.37671927	1
FAM167B	0.27443917	1	1	1.26303441	1	1
FAM168A	0.00840779	0.57221689	1	0.39315251	0.08073762	1
FAM168B	-0.4356302	0.54664954	1	0.50014064	0.10980506	1
FAM169A	10.612401	0.02713794	1	2.11195462	0.19154278	1
FAM169B	7.24458084	0.2752184	1	8.23317608	0.12281968	1
FAM170A	-7.9256416	0.36779564	1	1.26303441	1	1
FAM170B	0.27443917	1	1	1.26303441	1	1
FAM171A1	-9.1785264	0.19965135	1	1.26303441	1	1
FAM171A2	8.009752	0.2752184	1	1.03789693	0.52790957	1

FAM171B	-0.8141755	0.90231962	1	0.38822851	0.52790957	1
FAM172A	-0.2177879	0.33662713	1	0.09731005	0.3624855	1
FAM173A	-1.7283614	0.10351848	1	-2.8271294	0.01117962	1
FAM174A	0.12967201	0.4226224	1	-1.8135292	0.06492456	1
FAM174B	-8.7827748	0.19965135	1	1.26303441	1	1
FAM177A1	0.06407321	0.70735447	1	0.14194812	0.58477645	1
FAM177B	0.27443917	1	1	1.26303441	1	1
FAM178B	0.27443917	1	1	1.26303441	1	1
FAM180A	0.27443917	1	1	-7.2784846	0.52259551	1
FAM180B	0.27443917	1	1	1.26303441	1	1
FAM181A	0.27443917	1	1	1.26303441	1	1
FAM181B	0.27443917	1	1	1.26303441	1	1
FAM183A	-8.6595302	0.19965135	1	-7.7824897	0.26373073	1
FAM184A	-0.3053298	0.7523418	1	-0.8024327	0.93090504	1
FAM184B	0.92093295	0.83292902	1	-0.8849509	0.07099896	1
FAM185A	-0.9304452	0.42268801	1	-0.3854215	0.83633515	1
FAM186A	8.97526033	0.2752184	1	1.64737579	0.8783593	1
FAM186B	0.27443917	1	1	1.26303441	1	1
FAM187A	0.27443917	1	1	1.26303441	1	1
FAM187B	0.28818932	0.89260809	1	10.0355145	0.12281968	1
FAM189A1	1.45600692	0.10772951	1	1.3595265	0.08568766	1
FAM189A2	0.27443917	1	1	1.26303441	1	1
FAM189B	0.27443917	1	1	-9.4083489	0.06553217	1
FAM18B1	8.29309104	0.2752184	1	9.28168627	0.12281968	1
FAM192A	0.18728694	0.79078945	1	-0.3141966	0.43303876	1
FAM193A	-0.0812851	0.81364372	1	0.49234287	0.07028174	1
FAM193B	0.67993654	0.13496339	1	0.38410549	0.30578425	1
FAM199X	-2.4638604	0.01634412	1	-2.0007927	0.04650439	1
FAM200A	-0.8370696	0.68052236	1	-2.1164267	0.48386448	1
FAM200B	1.67546971	0.3108809	1	-0.4766203	0.23881527	1
FAM204A	-1.0972365	0.25398308	1	-1.5196161	0.01399779	1
FAM205C	0.27443917	1	1	1.26303441	1	1
FAM207A	1.35708945	0.2078587	1	1.19734541	0.27018459	1
FAM20A	1.74458706	0.45738523	1	1.74717634	0.15660079	1
FAM20B	-0.8559522	0.17574546	1	-0.3090457	0.55230259	1
FAM20C	-9.5745395	0.04066178	1	-10.069026	0.0139617	1
FAM210A	1.14376924	0.01075436	1	0.72846968	0.10543571	1
FAM210B	0.79042112	0.45738523	1	-2.8584569	0.00264461	1
FAM214A	-0.2174619	0.75214574	1	0.28678902	0.31967104	1
FAM214B	3.85124284	0.45132853	1	2.73228098	0.81809414	1
FAM216A	-1.6206163	0.68052236	1	-1.6843734	0.37197527	1
FAM216B	-2.5228731	0.00100822	1	-1.3386889	0.12981126	1
FAM217A	8.58621661	0.2752184	1	9.57481184	0.12281968	1

FAM217B	0.59615443	0.78682126	1	-0.9906283	0.19046473	1
FAM218A	0.27443917	1	1	1.26303441	1	1
FAM219A	-2.5370768	0.04438054	1	-1.2423018	0.92870205	1
FAM219B	-0.0549312	0.9118935	1	1.08030386	0.13509494	1
FAM221A	-7.4842085	0.36779564	1	-8.1812669	0.3629285	1
FAM221B	0.27443917	1	1	1.26303441	1	1
FAM222A	0.27443917	1	1	-6.6867618	0.52259551	1
FAM222B	0.31554787	0.41983087	1	0.45423789	0.07171994	1
FAM227A	8.05743846	0.2752184	1	9.04603369	0.12281968	1
FAM227B	0.19180966	0.78462788	1	-0.1259562	0.98148661	1
FAM228A	-1.0956694	0.32015878	1	-0.5436424	0.80520616	1
FAM228B	-2.9000616	0.41260835	1	-3.873901	0.13116413	1
FAM229A	0.27443917	1	1	1.26303441	1	1
FAM229B	0.27443917	1	1	-7.0959782	0.52259551	1
FAM234A	2.13607867	0.06809911	1	-0.5415593	0.47137661	1
FAM234B	0.27443917	1	1	-8.3224478	0.3629285	1
FAM237A	0.27443917	1	1	1.26303441	1	1
FAM240A	0.27443917	1	1	1.26303441	1	1
FAM241A	-0.4220123	0.64669128	1	-0.5417271	0.24563206	1
FAM241B	0.10741804	0.68789913	1	2.70449862	0.52223338	1
FAM243A	0.27443917	1	1	1.26303441	1	1
FAM32A	-1.200974	0.22166301	1	-2.1329003	0.02258641	1
FAM3A	0.43353164	0.80799068	1	-1.4905751	0.17801902	1
FAM3B	0.27443917	1	1	-8.1660908	0.3629285	1
FAM3C	-0.3181723	0.7159679	1	-0.2618942	0.69271441	1
FAM3D	-8.0630785	0.36779564	1	1.26303441	1	1
FAM43A	0.41036542	0.85135027	1	-0.5139787	0.63361072	1
FAM45A	1.59294059	0.0078474	1	1.18277691	0.02439575	1
FAM47C	0.27443917	1	1	1.26303441	1	1
FAM47E	0.27443917	1	1	1.26303441	1	1
FAM49A	-1.9185724	0.00357668	1	-1.5585095	0.01603011	1
FAM49B	-0.2409957	0.88566982	1	0.247749	0.52732789	1
FAM50A	0.66056703	0.51514375	1	-0.799358	0.10744417	1
FAM50B	-5.7150445	0.36779564	1	-6.6920789	0.52259551	1
FAM53A	-0.7829211	0.86503869	1	-0.7119828	0.84174049	1
FAM53B	0.29155688	0.84231025	1	1.11086043	0.00696441	1
FAM53C	0.69487775	0.9702001	1	-0.38611	0.40850994	1
FAM57A	0.27443917	1	1	-8.0512415	0.1958879	1
FAM57B	0.27443917	1	1	-7.2070419	0.52259551	1
FAM71A	0.27443917	1	1	-5.4059037	0.3629285	1
FAM71D	-8.6867728	0.19965135	1	-6.6622063	0.52259551	1
FAM71E1	0.27443917	1	1	-7.5660376	0.3629285	1
FAM71E2	0.27443917	1	1	1.26303441	1	1

FAM71F1	0.27443917	1	1	1.26303441	1	1
FAM71F2	0.27443917	1	1	1.26303441	1	1
FAM72A	0.27443917	1	1	-6.8424745	0.52259551	1
FAM76A	0.29743491	0.28799779	1	0.50561577	0.3093392	1
FAM76B	0.53752534	0.19239984	1	0.15134029	0.58420186	1
FAM78A	-0.6979087	0.75659039	1	0.3080944	0.47006878	1
FAM78B	-5.4928051	0.36779564	1	1.26303441	1	1
FAM81A	-7.8239868	0.36779564	1	-8.51923	0.26373073	1
FAM81B	0.27443917	1	1	-8.7996445	0.26373073	1
FAM83A	0.27443917	1	1	1.26303441	1	1
FAM83B	0.27443917	1	1	1.26303441	1	1
FAM83C	-5.4928051	0.36779564	1	1.26303441	1	1
FAM83D	-0.6058374	0.7939699	1	-0.3503	0.76702283	1
FAM83E	0.27443917	1	1	1.26303441	1	1
FAM83F	0.27443917	1	1	1.26303441	1	1
FAM83G	7.8410451	0.2752184	1	-0.5884028	0.8409801	1
FAM83H	-0.8038668	0.90231962	1	-1.7469649	0.8409801	1
FAM89A	-0.7553743	0.65472167	1	-1.164564	0.06445655	1
FAM89B	0.54649769	0.81908362	1	-2.0768175	0.00591285	1
FAM8A1	1.69858839	0.50297656	1	-1.1413874	0.10466374	1
FAM91A1	-0.597848	0.39789905	1	-0.1751104	0.43097043	1
FAM92A	-0.7624081	0.84137633	1	-1.1857457	0.85236157	1
FAM92B	-9.8152848	0.06784723	1	-5.2186916	0.52259551	1
FAM98A	0.34646016	0.52964575	1	-0.7473687	0.39661758	1
FAM98B	-0.8854218	0.7473523	1	0.09212662	0.5352067	1
FAM98C	-1.8275241	0.24123337	1	-0.5739989	0.17487771	1
FAM9B	0.27443917	1	1	1.26303441	1	1
FAM9C	2.33729121	0.45132853	1	1.44456972	0.98130525	1
FAN1	-0.7085986	0.47358334	1	-1.4306601	0.22076788	1
FANCA	1.53324473	0.0367819	1	1.19782561	0.03514068	1
FANCB	-8.1573202	0.19965135	1	-8.0895053	0.26373073	1
FANCC	0.30556914	0.37133117	1	0.04562343	0.90445339	1
FANCD2OS	0.27443917	1	1	1.26303441	1	1
FANCE	0.69788959	0.93129658	1	-1.0351943	0.09978086	1
FANCF	-2.3470109	0.25076778	1	-2.0432351	0.48702665	1
FANCG	0.12860178	0.32902818	1	1.68601367	0.14351163	1
FANCI	-0.7613052	0.66546711	1	0.02006365	0.96606598	1
FANCL	0.14495574	0.98067502	1	0.90744644	0.3552979	1
FANCM	-0.002342	0.90286971	1	-0.1357678	0.80217752	1
FANK1	-1.2066409	0.41759769	1	0.56840043	0.88397598	1
FAP	-1.4046348	0.68052236	1	0.62918544	0.52790957	1
FAR1	0.45128192	0.0165449	1	0.41332352	0.03188407	1
FAR2	-0.5570045	0.50168931	1	1.68921225	0.00844292	1

FARP1	-0.4249401	0.74405172	1	-0.5311332	0.48742859	1
FARP2	-0.5809657	0.23283755	1	-0.0620827	0.67196818	1
FARS2	0.55868859	0.06995655	1	0.85556796	0.00050767	1
FARSA	-0.8003825	0.2572727	1	-3.2268199	0.00856675	1
FARSB	-1.0308479	0.05420547	1	0.80913126	0.60599731	1
FAS	-0.8803952	0.07807471	1	-0.458033	0.21825494	1
FASLG	-2.072319	0.40765452	1	-2.1914203	0.36947031	1
FASN	3.19908674	0.45132853	1	-0.8262107	0.41029282	1
FASTK	-0.4301326	0.73544378	1	1.28956047	0.72794611	1
FASTKD1	-0.2261575	0.84040406	1	-0.2229504	0.64767362	1
FASTKD2	-1.8331452	0.05554953	1	-1.6756934	0.00466253	1
FASTKD3	-6.4794996	0.36779564	1	-5.2686032	0.52259551	1
FASTKD5	3.24656982	0.22569004	1	-0.6045265	0.98900407	1
FAT1	0.27443917	1	1	-7.9736981	0.26373073	1
FAT2	0.27443917	1	1	1.26303441	1	1
FAT3	0.27443917	1	1	1.26303441	1	1
FAT4	0.27443917	1	1	-6.0269551	0.52259551	1
FATE1	0.27443917	1	1	1.26303441	1	1
FAU	-0.2639455	0.88387994	1	-2.5569404	6.85E-18	1.89E-13
FAXC	0.27443917	1	1	1.26303441	1	1
FAXDC2	1.51941749	0.22694727	1	0.98757803	0.40912113	1
FBF1	-2.3181631	0.35662101	1	-1.9815221	0.49698249	1
FBH1	-0.399086	0.75031281	1	-0.3321279	0.38291011	1
FBL	1.40429123	0.00875737	1	-0.6697332	0.08202986	1
FBLIM1	0.27443917	1	1	1.26303441	1	1
FBLL1	0.27443917	1	1	1.26303441	1	1
FBLN1	0.27443917	1	1	1.26303441	1	1
FBLN2	-6.2499036	0.36779564	1	1.26303441	1	1
FBLN5	0.27443917	1	1	-8.8945997	0.1474095	1
FBLN7	8.76557865	0.12052946	1	0.42402367	0.37235208	1
FBN1	-5.3209596	0.36779564	1	1.26303441	1	1
FBN2	-6.8152308	0.36779564	1	1.26303441	1	1
FBN3	0.27443917	1	1	-6.0209494	0.52259551	1
FBP1	-7.8927324	0.36779564	1	-8.3941922	0.26373073	1
FBP2	0.27443917	1	1	-6.343917	0.52259551	1
FBRS	-0.5273366	0.85716129	1	0.27021737	0.70646307	1
FBRSL1	1.13925214	0.04102122	1	0.96438516	0.02542812	1
FBXL12	-0.8595444	0.68052236	1	-0.4428363	0.64825479	1
FBXL13	0.86674205	0.99062624	1	0.46893126	0.74971066	1
FBXL14	-0.2776609	0.7964018	1	-0.9082468	0.16185524	1
FBXL15	0.27443917	1	1	1.26303441	1	1
FBXL15-1	8.14234798	0.12052946	1	0.18736351	0.83384139	1
FBXL16	0.27443917	1	1	1.26303441	1	1

FBXL17	0.03401988	0.94832708	1	0.62363083	0.03645301	1
FBXL18	-1.4181626	0.69865242	1	-0.3860527	0.92519454	1
FBXL19	-0.1774327	0.85135027	1	-0.653097	0.78379585	1
FBXL2	-0.3666627	0.79792132	1	-0.6999253	0.34064904	1
FBXL20	-0.2410777	0.87546133	1	0.18084983	0.45997817	1
FBXL21P	-1.8128941	0.90231962	1	7.79128045	0.12281968	1
FBXL22	-7.5439455	0.36779564	1	1.26303441	1	1
FBXL3	-0.8375729	0.70328622	1	-0.6901396	0.28681297	1
FBXL4	-0.1808206	0.52702445	1	0.41607051	0.22077875	1
FBXL5	0.5661364	0.24723241	1	-0.1393809	0.6780777	1
FBXL6	-0.3435197	0.89448096	1	-0.9601764	0.41544928	1
FBXL7	-1.7513463	0.90231962	1	8.64034855	0.12281968	1
FBXL8	0.33203761	0.68789913	1	-2.1631234	0.10438806	1
FBXO10	-0.8140391	0.24880431	1	-1.7549916	0.10079885	1
FBXO11	0.21088177	0.47660868	1	0.4847713	0.00481258	1
FBXO15	-6.7958073	0.36779564	1	-5.5119993	0.52259551	1
FBXO16	0.27443917	1	1	1.26303441	1	1
FBXO17	-0.0437961	1	1	0.01057444	0.61447359	1
FBXO2	0.27443917	1	1	-6.1889573	0.52259551	1
FBXO21	-0.2786294	0.77902691	1	-0.3983956	0.70572337	1
FBXO22	0.46726497	0.36544908	1	0.42220641	0.67322303	1
FBXO24	0.27443917	1	1	-5.5808148	0.52259551	1
FBXO25	-0.6240182	0.79547061	1	-0.4814725	0.54176959	1
FBXO27	0.90364129	0.23586417	1	0.00250057	0.7924009	1
FBXO28	-0.6678184	0.41496881	1	-0.6569192	0.17162638	1
FBXO3	0.97744369	0.13272649	1	0.64904246	0.14877707	1
FBXO30	-0.2887376	0.96853527	1	0.66304141	0.46926663	1
FBXO31	0.30686181	0.29523299	1	0.88686884	0.02820269	1
FBXO32	-0.1599009	0.89972832	1	0.48729625	0.78601897	1
FBXO33	0.21885733	0.39662372	1	0.14348193	0.61997903	1
FBXO34	-0.0096907	0.30405643	1	0.64089496	0.10524895	1
FBXO36	0.29342387	0.56503214	1	0.39005587	0.79055055	1
FBXO38	-0.5992844	0.49488168	1	-0.2810842	0.35697508	1
FBXO39	-9.5339034	0.11486391	1	-7.6164728	0.3629285	1
FBXO4	1.46132873	0.83770648	1	-0.5881298	0.51460656	1
FBXO40	0.13001988	0.90231962	1	-1.9107883	0.48386448	1
FBXO41	-6.8152308	0.36779564	1	1.26303441	1	1
FBXO42	-0.4032887	0.32258718	1	0.21973998	0.44284131	1
FBXO43	0.27443917	1	1	1.26303441	1	1
FBXO44	0.27443917	1	1	-6.7432138	0.26373073	1
FBXO45	-0.5107812	0.84137633	1	-1.1923014	0.70639879	1
FBXO46	-0.0664006	0.9528182	1	-0.340406	0.72005999	1
FBXO47	-9.3778618	0.11486391	1	1.26303441	1	1

FBXO48	7.65175331	0.2752184	1	-0.8880587	0.84581067	1
FBXO5	0.77127752	0.35684044	1	0.92121564	0.14953207	1
FBXO6	-10.704027	0.0055601	1	-10.16728	0.0139617	1
FBXO7	0.70289023	0.08843122	1	0.66636182	0.20313665	1
FBXO8	-1.2803368	0.08334001	1	-0.0832431	0.7258118	1
FBXO9	-0.1321698	0.40473708	1	-0.226143	0.79145113	1
FBXW11	-0.4377146	0.49083784	1	0.25062674	0.21117332	1
FBXW12	0.27443917	1	1	1.26303441	1	1
FBXW2	0.2271799	0.43880929	1	0.23113085	0.35153322	1
FBXW4	0.25028816	0.12447875	1	0.79952228	0.00105017	1
FBXW5	-1.1116527	0.33115423	1	-2.2168364	0.02244377	1
FBXW7	-0.8325384	0.00016021	1	-0.4359675	0.04379752	1
FBXW8	-0.2952	0.89492208	1	0.46841003	0.12129759	1
FBXW9	0.27443917	1	1	-8.6950966	0.11188911	1
FCAMR	0.27443917	1	1	1.26303441	1	1
FCAR	1.0962219	0.84452255	1	1.14059855	0.80071202	1
FCER1A	-6.8152308	0.36779564	1	1.26303441	1	1
FCER1G	-0.1701321	0.28386336	1	-1.8638583	3.13E-10	8.65E-06
FCER2	0.27443917	1	1	1.26303441	1	1
FCF1	0.06802338	0.71539401	1	-0.0581386	0.98824697	1
FCGBP	-1.0521629	0.5506235	1	0.21578805	0.96635635	1
FCGR1A	-2.5807278	0.25076778	1	-3.7732016	0.01055254	1
FCGR2A	0.27443917	1	1	-7.3726517	0.3629285	1
FCGR2B	-10.799969	0.00910616	1	-9.914854	0.03889469	1
FCGR3	-10.246135	0.06784723	1	-9.7950445	0.02325653	1
FCGRT	0.27443917	1	1	-8.0359794	0.1958879	1
FCGRT-1	-5.7676125	0.36779564	1	-10.672885	0.00505186	1
FCHO1	-0.2689835	0.82307022	1	0.15363772	0.79771098	1
FCHO2	0.1357411	0.24812388	1	0.95532017	0.01845831	1
FCHSD1	0.16389465	0.9094805	1	0.68603662	0.27002548	1
FCHSD2	-0.5969877	0.01769489	1	0.01308784	0.5812515	1
FCMR	0.00244222	0.80096234	1	-1.1987024	0.02149577	1
FCN3	0.27443917	1	1	-3.7413079	0.52259551	1
FCRL1	-8.2873621	0.36779564	1	1.26303441	1	1
FCRL2	7.69213392	0.2752184	1	8.68072916	0.12281968	1
FCRL3	0.09460106	0.4226224	1	9.40935548	0.12281968	1
FCRL4	0.27443917	1	1	1.26303441	1	1
FCRL5	0.27443917	1	1	-8.3199376	0.1474095	1
FCRL6	-3.9847761	0.03495642	1	-3.7451936	0.02841206	1
FCRLA	0.27443917	1	1	1.26303441	1	1
FCRLB	0.27443917	1	1	1.26303441	1	1
FCSK	-0.2042738	0.7929395	1	0.17136197	0.72778129	1
FDCSP	0.27443917	1	1	1.26303441	1	1

FDFT1	0.65599638	0.17091911	1	-0.0473288	0.47610181	1
FDPS	0.44682959	0.2013397	1	-1.4293299	0.00314961	1
FDX1	-0.4863053	0.76883314	1	-0.806625	0.05824354	1
FDX2	-9.2921725	0.06784723	1	-10.196233	0.01082624	1
FDXACB1	-1.9522278	0.35662101	1	0.11857163	0.61094938	1
FDXR	-9.6747165	0.11486391	1	-8.8005244	0.11188911	1
FECH	-1.5731247	0.04046514	1	-0.2956869	0.53442496	1
FEM1A	0.27443917	1	1	1.26303441	1	1
FEM1B	-0.1227461	0.97745499	1	-0.3854339	0.69648631	1
FEM1C	-0.366818	0.61376697	1	0.02001544	0.97427284	1
FEN1	7.79262339	0.2752184	1	8.78121863	0.12281968	1
FER	0.06018723	0.22715578	1	0.62651847	0.06516307	1
FER1L5	-1.551161	0.31207067	1	-0.4707807	0.7415245	1
FER1L6	2.02300951	0.49174922	1	1.22001978	0.59073132	1
FERMT1	0.27443917	1	1	1.26303441	1	1
FERMT2	8.60224999	0.2752184	1	1.18594691	0.8783593	1
FERMT3	-0.351879	0.88825803	1	0.61273958	0.33381743	1
FES	-0.0353892	0.38963006	1	-0.5710715	0.74062479	1
FETUB	0.27443917	1	1	1.26303441	1	1
FEZ1	0.27443917	1	1	-5.5119993	0.52259551	1
FEZ2	-0.3880095	0.5263521	1	-0.6357782	0.06307443	1
FFAR1	0.27443917	1	1	1.26303441	1	1
FFAR2	7.37245979	0.2752184	1	-0.7817197	0.64428388	1
FFAR4	-0.1249939	0.91023596	1	-0.0894358	0.51940365	1
FGD1	0.27443917	1	1	-5.8726831	0.52259551	1
FGD2	-9.8710507	0.04066178	1	-7.4814317	0.1958879	1
FGD3	0.28443585	0.35842138	1	0.39822901	0.04798172	1
FGD4	-0.5105067	0.38964315	1	0.09213885	0.6069116	1
FGD5	-9.6700651	0.19965135	1	1.26303441	1	1
FGD6	1.4394018	0.03469763	1	1.9069012	0.01420286	1
FGF1	0.27443917	1	1	-5.4536481	0.52259551	1
FGF10	0.27443917	1	1	1.26303441	1	1
FGF11	0.27443917	1	1	-7.2625332	0.52259551	1
FGF12	0.68325816	0.4634873	1	1.28061598	0.365771	1
FGF13	-8.3232364	0.36779564	1	1.26303441	1	1
FGF14	-10.042767	0.06784723	1	1.26303441	1	1
FGF16	0.27443917	1	1	1.26303441	1	1
FGF18	2.71954998	0.45132853	1	-0.4293951	0.61483126	1
FGF2	0.27443917	1	1	1.26303441	1	1
FGF20	0.27443917	1	1	1.26303441	1	1
FGF22	0.27443917	1	1	1.26303441	1	1
FGF23	-9.7566156	0.19965135	1	-6.9123974	0.52259551	1
FGF6	0.27443917	1	1	-5.5963704	0.52259551	1

FGF7	2.89182925	0.45132853	1	10.4791955	0.02855238	1
FGF8	0.27443917	1	1	1.26303441	1	1
FGF9	0.27443917	1	1	1.26303441	1	1
FGFBP1	0.27443917	1	1	1.26303441	1	1
FGFBP2	0.27443917	1	1	1.26303441	1	1
FGFBP3	2.08230706	0.22904601	1	4.3282793	0.12766079	1
FGFR1	-6.8152308	0.36779564	1	-3.4307288	0.52259551	1
FGFR1OP	0.88789096	0.27362541	1	1.77770659	0.0179658	1
FGFR1OP2	0.30305344	1	1	-0.2439279	0.04565505	1
FGFR2	0.27443917	1	1	1.26303441	1	1
FGFR3	0.27443917	1	1	1.26303441	1	1
FGFR4	-8.5472305	0.36779564	1	1.26303441	1	1
FGFRL1	7.66031053	0.2752184	1	-0.2925103	0.84581067	1
FGGY	1.09353353	0.22327065	1	0.84529978	0.27627916	1
FGL1	-8.4020936	0.36779564	1	-7.1813296	0.52259551	1
FGL2	0.75323994	0.06714226	1	-0.5426507	0.42617982	1
FGR	-2.2636031	0.01107412	1	-1.3431252	0.05391819	1
FH	1.46851624	0.83770648	1	-1.0415573	0.13629526	1
FHAD1	-0.8723215	0.68052236	1	-0.6587119	0.84581067	1
FHDC1	0.27443917	1	1	1.26303441	1	1
FHIT	0.66024357	0.00158925	1	1.78002276	1.45E-06	0.03991848
FHL1	1.4460867	0.51059068	1	-0.1522958	0.30462827	1
FHL2	-1.6945578	0.44858221	1	-2.5247385	0.02670833	1
FHL3	6.80268521	0.2752184	1	-2.6425341	0.36947031	1
FHL5	0.27443917	1	1	1.26303441	1	1
FHOD1	-0.0132743	0.36494177	1	-0.1567613	0.9357551	1
FHOD3	0.27443917	1	1	-7.0703151	0.52259551	1
FIBCD1	0.27443917	1	1	-5.9562946	0.52259551	1
FIBP	-0.2389167	0.7929395	1	-0.6211889	0.12634564	1
FICD	0.27443917	1	1	-6.927566	0.3629285	1
FIG4	0.60832653	0.19900597	1	0.90007787	0.03486227	1
FIGN	0.27443917	1	1	1.26303441	1	1
FIGNL1	-7.4250848	0.36779564	1	-9.2496499	0.08544191	1
FIGNL2	-7.0810037	0.36779564	1	1.26303441	1	1
FILIP1	-8.1854989	0.36779564	1	-8.6290091	0.3629285	1
FILIP1L	-1.4235156	0.3623074	1	-1.4880579	0.09655779	1
FIP1L1	0.28483029	0.73872119	1	0.13700992	0.85738972	1
FIS1	-1.1595207	0.23147175	1	-2.4862931	7.95E-07	0.02193399
FITM1	0.27443917	1	1	-6.715712	0.52259551	1
FITM2	9.26708503	0.12052946	1	0.10630254	0.97009268	1
FIZ1	-2.6984839	0.24755874	1	-1.6343209	0.48702665	1
FJX1	0.27443917	1	1	1.26303441	1	1
FKBP10	1.51073157	0.49668398	1	2.12158869	0.13044933	1

FKBP11	1.00830263	0.68916492	1	-1.1845678	0.01139471	1
FKBP14	4.32429787	0.11273814	1	1.68416327	0.30988008	1
FKBP15	-0.1497815	0.86442244	1	-0.065825	0.78647807	1
FKBP1A	-0.4528752	0.05348718	1	-1.6101501	3.30E-06	0.09107106
FKBP1B	2.84951038	0.89260809	1	0.63627693	0.88397598	1
FKBP2	-0.1459474	0.91569548	1	-1.7753536	0.00020103	1
FKBP3	-0.1707572	0.75363142	1	-0.5095992	0.19813404	1
FKBP4	0.13363176	0.27162442	1	-0.4301146	0.89877608	1
FKBP5	-0.2605578	0.62366778	1	0.43504191	0.02019503	1
FKBP6	0.27443917	1	1	1.26303441	1	1
FKBP7	0.27443917	1	1	-8.7053194	0.1958879	1
FKBP8	0.21226874	0.68732723	1	-0.8444666	0.11363981	1
FKBP9	-7.0684566	0.36779564	1	-8.5377479	0.1958879	1
FKBPL	-7.2442683	0.36779564	1	-8.1497215	0.1474095	1
FKRP	10.6476871	0.00323448	1	1.66537067	0.02650528	1
FKTN	1.03532358	0.23307867	1	0.76863777	0.38328935	1
FLACC1	0.17448766	0.51668413	1	0.03581437	0.62449737	1
FLAD1	0.53538975	0.75446261	1	-1.0010422	0.28815548	1
FLCN	0.07515243	0.75559025	1	0.17103065	0.49582481	1
FLG	0.27443917	1	1	1.26303441	1	1
FLI1	0.34999752	0.02929076	1	1.05323871	6.37E-08	0.00175903
FLII	0.35436241	0.15276851	1	-0.9529198	0.12111367	1
FLNA	0.05932025	0.86416156	1	-0.6232379	0.05105338	1
FLNB	0.91540672	0.15695165	1	1.60591863	0.00609188	1
FLNC	0.27443917	1	1	1.26303441	1	1
FLOT1	0.38416851	0.2038173	1	-0.6284849	0.04369111	1
FLOT2	-1.0085956	0.82075644	1	-0.8241611	0.41029282	1
FLRT1	-0.2025568	0.4226224	1	2.26301218	0.85548905	1
FLRT2	1.68864791	0.84452255	1	1.17880404	0.97382966	1
FLRT3	0.27443917	1	1	1.26303441	1	1
FLT1	0.27443917	1	1	-6.9505706	0.3629285	1
FLT3	0.27443917	1	1	-8.8118557	0.1958879	1
FLT3LG	-1.00689	0.15998935	1	-0.6311845	0.0613181	1
FLT4	0.27443917	1	1	-6.7548751	0.52259551	1
FLVCR1	0.62674034	0.14508842	1	-0.0760084	0.88008474	1
FLVCR2	-1.4884898	0.04589915	1	-0.5991524	0.23801534	1
FLYWCH1	-1.7821381	0.10233967	1	0.49841129	0.79393384	1
FLYWCH2	-0.9645621	0.83579048	1	-1.2697797	0.49370563	1
FMC1	0.2373594	0.85135027	1	-2.4865003	0.02390142	1
FMN1	0.12488214	0.6111715	1	0.93650731	0.94728352	1
FMN2	-7.3858295	0.36779564	1	-6.4466238	0.52259551	1
FMNL1	-0.1570001	0.51768091	1	-0.438681	0.07638546	1
FMNL2	-2.1026875	0.00507801	1	-1.3369818	0.01546763	1

FMNL3	-0.5416468	0.9502779	1	0.09432612	0.89636338	1
FMO1	0.27443917	1	1	1.26303441	1	1
FMO2	-8.1774396	0.36779564	1	-6.8066353	0.52259551	1
FMO3	0.27443917	1	1	-6.3422478	0.52259551	1
FMO4	-9.498402	0.06784723	1	-3.4307288	0.52259551	1
FMO5	-8.2742412	0.11486391	1	-8.3803861	0.1474095	1
FMOD	0.27443917	1	1	1.26303441	1	1
FMR1	-0.3743243	0.93506855	1	0.30117061	0.65505359	1
FMR1NB	0.27443917	1	1	1.26303441	1	1
FN1	-1.4200713	0.04264894	1	-0.3517503	0.87929708	1
FN3K	0.27443917	1	1	1.26303441	1	1
FN3KRP	-1.237639	0.26056869	1	-1.1597925	0.22696786	1
FNBP1	-0.2730678	0.11899292	1	0.00544556	0.44328029	1
FNBP1L	-0.6257714	0.47358334	1	-1.0389653	0.23332564	1
FNBP4	-0.2517937	0.96025167	1	-0.1778718	0.59825311	1
FNDC1	0.27443917	1	1	1.26303441	1	1
FNDC10	-9.1825568	0.11486391	1	-5.4173474	0.52259551	1
FNDC11	0.27443917	1	1	-7.5201964	0.3629285	1
FNDC3A	0.04804925	0.6934877	1	0.40238498	0.07481755	1
FNDC3B	-0.6408752	0.01025715	1	0.04170105	0.70945827	1
FNDC4	0.27443917	1	1	1.26303441	1	1
FNDC5	0.27443917	1	1	-7.6929453	0.3629285	1
FNDC7	0.27443917	1	1	-7.2387083	0.3629285	1
FNDC8	0.27443917	1	1	1.26303441	1	1
FNDC9	1.74278615	0.23243735	1	0.74611207	0.60904546	1
FNIP1	-0.2821529	0.12411631	1	0.4173023	0.09452742	1
FNIP2	0.73477477	0.13803137	1	1.00362942	0.02354777	1
FNTA	-0.0320088	0.98674238	1	-0.2455885	0.63870865	1
FNTB	-0.9595129	0.88400032	1	-1.0999565	0.70907978	1
FOCAD	-0.7627316	0.2654152	1	0.32598636	0.20079328	1
FOLH1B	0.27443917	1	1	-6.3737338	0.52259551	1
FOLR1	0.27443917	1	1	1.26303441	1	1
FOLR2	0.27443917	1	1	1.26303441	1	1
FOPNL	1.86350007	0.12014815	1	-0.5997458	0.41415639	1
FOS	0.6167812	0.43853464	1	-0.4613439	0.12233761	1
FOSB	-0.0597584	0.4886658	1	0.35889373	0.34719293	1
FOSL1	0.81722533	0.84452255	1	1.36437874	0.36250784	1
FOSL2	-0.3493837	0.65161316	1	-0.5106814	0.82509175	1
FOXA1	0.27443917	1	1	-9.1908248	0.1958879	1
FOXA2	0.27443917	1	1	1.26303441	1	1
FOXA3	0.27443917	1	1	1.26303441	1	1
FOXB1	0.27443917	1	1	1.26303441	1	1
FOXC1	0.27443917	1	1	1.26303441	1	1

FOXD1	7.3674047	0.2752184	1	-2.9871712	0.07838475	1
FOXD2	0.27443917	1	1	-8.3506638	0.26373073	1
FOXE1	0.27443917	1	1	1.26303441	1	1
FOXE3	0.27443917	1	1	1.26303441	1	1
FOXH1	0.27443917	1	1	1.26303441	1	1
FOXI1	0.27443917	1	1	1.26303441	1	1
FOXJ1	-7.8976829	0.36779564	1	-7.5081902	0.52259551	1
FOXJ2	0.169367	0.93225839	1	-0.0040792	0.79596311	1
FOXJ3	-0.2663852	0.72894618	1	0.39783735	0.1525508	1
FOXK1	0.65356618	0.01232794	1	1.23013653	0.00097859	1
FOXK2	-0.2804589	0.36166417	1	0.57743679	0.32419511	1
FOXL2	0.27443917	1	1	1.26303441	1	1
FOXM1	-2.0849922	0.41260835	1	9.28391554	0.12281968	1
FOXN1	0.27443917	1	1	1.26303441	1	1
FOXN2	-0.0209348	0.82823809	1	-0.1159069	0.42478194	1
FOXN3	0.35152965	0.03092372	1	0.40417275	0.00083226	1
FOXN4	0.27443917	1	1	1.26303441	1	1
FOXO1	-0.5849501	0.08009981	1	0.08022707	0.47696015	1
FOXO3	0.06707202	0.86774156	1	0.56085851	0.04167244	1
FOXO4	3.21041445	0.22904601	1	0.62665259	0.43521235	1
FOXO6	-7.5569148	0.36779564	1	1.26303441	1	1
FOXP1	0.30209875	0.13420695	1	0.83796239	9.05E-07	0.0249786
FOXP2	-1.9139079	0.15491715	1	-0.8771045	0.85064705	1
FOXP3	0.27443917	1	1	1.26303441	1	1
FOXP4	-0.6750535	0.56020917	1	-0.3239983	0.63361072	1
FOXQ1	0.27443917	1	1	1.26303441	1	1
FOXR1	0.27443917	1	1	1.26303441	1	1
FOXRED1	0.61203476	0.18654282	1	0.39679065	0.64527254	1
FOXRED2	-5.7676125	0.36779564	1	1.26303441	1	1
FPGS	0.41917714	0.35239601	1	0.17305107	0.46223532	1
FPGT	1.7591613	0.45738523	1	0.90975379	0.59936951	1
FPR1	-8.7396365	0.11486391	1	-9.1831189	0.06553217	1
FPR2	0.27443917	1	1	1.26303441	1	1
FPR3	0.27443917	1	1	1.26303441	1	1
FRA10AC1	-0.1288837	0.90031082	1	-0.4147281	0.57456747	1
FRAS1	0.25470698	0.90231962	1	11.0417447	0.12281968	1
FRAT1	0.27443917	1	1	-5.6072788	0.52259551	1
FRAT2	1.52016869	0.28526399	1	10.9926598	0.00188118	1
FREM1	0.27443917	1	1	1.26303441	1	1
FREM2	0.27443917	1	1	1.26303441	1	1
FREM3	0.27443917	1	1	-7.5776068	0.52259551	1
FRG1	0.36949747	0.76083611	1	-0.6759993	0.07697485	1
FRG1-1	0.47051568	0.82683753	1	-1.0256929	0.13465129	1

FRK	-11.130062	0.00910616	1	-10.192118	0.03889469	1
FRMD1	0.27443917	1	1	1.26303441	1	1
FRMD3	-8.5221058	0.36779564	1	1.26303441	1	1
FRMD4A	0.29682799	0.81697473	1	0.31337679	0.49239751	1
FRMD4B	1.07014789	0.81868046	1	1.00926903	0.86461587	1
FRMD5	8.6101684	0.12052946	1	-2.0343891	0.49449129	1
FRMD6	-1.8346624	0.62332381	1	-1.6270537	0.32653444	1
FRMD7	0.27443917	1	1	-6.0573691	0.52259551	1
FRMD8	-0.2585827	0.73171329	1	-1.0557556	0.32144409	1
FRMPD1	0.27443917	1	1	1.26303441	1	1
FRMPD2	0.27443917	1	1	1.26303441	1	1
FRMPD3	0.27443917	1	1	1.26303441	1	1
FRMPD4	0.27443917	1	1	1.26303441	1	1
FRRS1	0.95584533	0.085286	1	-0.4966177	0.82296013	1
FRRS1L	7.37245979	0.2752184	1	-0.065651	0.88397598	1
FRS2	0.3302672	0.47879572	1	0.82599786	0.14016379	1
FRS3	-2.8989566	0.15081145	1	-2.1575171	0.37197527	1
FRY	0.86094291	0.34494401	1	0.83631122	0.32229645	1
FRYL	-0.667316	0.10581708	1	-0.2389469	0.8194769	1
FRZB	0.27443917	1	1	1.26303441	1	1
FSBP	0.27443917	1	1	1.26303441	1	1
FSCB	0.27443917	1	1	1.26303441	1	1
FSCN1	0.27443917	1	1	-7.8650929	0.26373073	1
FSCN2	0.27443917	1	1	1.26303441	1	1
FSCN3	0.27443917	1	1	-5.9025962	0.52259551	1
FSD1	0.61990375	0.89260809	1	-2.8587369	0.0615943	1
FSD1L	0.36558971	0.9703393	1	0.1189623	0.56839206	1
FSD2	8.62079614	0.2752184	1	0.07920568	0.49657976	1
FSHR	0.27443917	1	1	1.26303441	1	1
FSIP1	-0.3295194	0.4226224	1	-1.1037777	0.29307123	1
FSIP2	0.27443917	1	1	1.26303441	1	1
FST	0.27443917	1	1	1.26303441	1	1
FSTL1	2.25428777	0.22904601	1	1.66295381	0.59680786	1
FSTL3	0.27443917	1	1	-7.3094844	0.3629285	1
FSTL4	-0.5538561	0.90231962	1	9.04666358	0.12281968	1
FSTL5	-7.7742256	0.36779564	1	-5.1407106	0.52259551	1
FTCD	0.27443917	1	1	1.26303441	1	1
FTCDNL1	-5.9776946	0.36779564	1	1.26303441	1	1
FTH1	-0.9624766	0.0014528	1	-2.967447	7.33E-31	2.02E-26
FTHL17	0.27443917	1	1	1.26303441	1	1
FTL	-1.0012554	0.00040424	1	-2.9843304	1.27E-38	3.50E-34
FTO	0.40081783	0.73330383	1	0.60513194	0.3230628	1
FTSJ1	1.23357589	0.0343446	1	1.34627707	0.01060097	1

FTSJ3	1.08092276	0.33313202	1	0.10047439	0.77572367	1
FUBP1	-0.0801874	0.64930421	1	0.27767944	0.20459298	1
FUBP3	-0.7577953	0.09780463	1	0.062402	0.90586919	1
FUCA1	-0.4874606	0.9276043	1	-1.0576867	0.0948664	1
FUCA2	-0.5391175	0.94135896	1	-0.5615647	0.72602666	1
FUNDC1	8.07741448	0.2752184	1	-0.6525042	0.49338433	1
FUNDC2	-0.5403065	0.64547316	1	1.44736042	0.13472045	1
FUOM	0.58816733	0.85845166	1	-1.5907916	0.0002199	1
FURIN	-0.316619	0.79439706	1	-1.5586678	0.06191097	1
FUS	-0.4794964	0.06516828	1	-0.1929311	0.78586116	1
FUT10	0.30796567	0.55717444	1	0.4809793	0.94530003	1
FUT11	-1.7104012	0.03532757	1	-1.8968392	0.00402526	1
FUT4	0.27443917	1	1	1.26303441	1	1
FUT7	9.60184964	0.12052946	1	2.95873889	0.36250784	1
FUT8	-0.7246056	0.02247248	1	-0.0042342	0.99848783	1
FUT9	0.27443917	1	1	1.26303441	1	1
FUZ	0.14747539	0.90231962	1	-1.6932436	0.49019995	1
FXN	-0.4931552	0.93912831	1	-0.150008	0.59138455	1
FXR1	-0.3919985	0.21712763	1	-0.1054764	0.75114893	1
FXR2	0.06493197	0.80583961	1	-0.0882066	0.99148226	1
FXYD1	9.10118214	0.05637677	1	1.0924013	0.42154953	1
FXYD3	1.05303944	0.89260809	1	-2.3351018	0.08076526	1
FXYD4	0.27443917	1	1	-7.4839255	0.52259551	1
FXYD5	0.20379055	0.29577626	1	-0.7004839	0.00365015	1
FXYD6	0.27443917	1	1	1.26303441	1	1
FYB1	0.14017817	0.21064019	1	-0.2144745	0.38935108	1
FYB2	0.27443917	1	1	1.26303441	1	1
FYCO1	-0.0603953	0.68295205	1	0.73255807	0.08126702	1
FYN	-0.2963994	0.06829379	1	0.1361447	0.85772225	1
FYTTD1	0.58814248	0.20854136	1	0.48627674	0.61528076	1
FZD1	0.27443917	1	1	1.26303441	1	1
FZD2	0.27443917	1	1	1.26303441	1	1
FZD3	0.27443917	1	1	1.26303441	1	1
FZD4	0.27443917	1	1	-6.8379271	0.26373073	1
FZD5	0.27443917	1	1	-6.9123974	0.52259551	1
FZD6	0.27443917	1	1	-5.9768042	0.52259551	1
FZD7	0.27443917	1	1	1.26303441	1	1
FZD8	0.27443917	1	1	-6.1183142	0.52259551	1
FZD9	0.27443917	1	1	1.26303441	1	1
FZR1	-1.0112707	0.64101723	1	-0.5966471	0.98586267	1
G0S2	-0.2828125	0.4226224	1	-2.5837261	0.00200719	1
G2E3	-1.1494221	0.06630864	1	-0.84313	0.0761971	1
G3BP1	-0.5641392	0.10509244	1	-0.4222455	0.09642895	1

G3BP2	0.05333921	0.54178979	1	-0.4316861	0.05945457	1
G6PC	0.27443917	1	1	1.26303441	1	1
G6PC3	0.48856906	0.68789913	1	-0.9828284	0.10829175	1
G6PD	-8.0226131	0.11486391	1	-9.8841695	0.00839699	1
GAA	-0.1510781	0.38135626	1	0.20129819	0.27614067	1
GAB1	-0.0145638	0.80980629	1	1.09034688	0.14897822	1
GAB2	-0.371721	0.99804037	1	0.08646979	0.33325763	1
GAB3	-0.7613956	0.14922489	1	-0.4137327	0.32431816	1
GAB4	0.27443917	1	1	1.26303441	1	1
GABARAP	-1.0628654	0.07860271	1	-3.225268	1.16E-12	3.20E-08
GABARAPL1	0.62589875	0.9903368	1	-0.7452776	0.1157563	1
GABARAPL2	-0.0566094	0.91569548	1	-1.794568	1.05E-05	0.28920977
GABBR1	-8.7964027	0.36779564	1	-8.0274965	0.3629285	1
GABBR2	6.80268521	0.2752184	1	7.79128045	0.12281968	1
GABPA	-0.2577098	0.97877561	1	0.07478523	0.81332062	1
GABPB1	-0.611289	0.17251598	1	0.15197673	0.6013854	1
GABPB2	-0.4450952	0.76109797	1	-0.009179	0.66659924	1
GABRA1	0.27443917	1	1	1.26303441	1	1
GABRA2	7.85956673	0.2752184	1	0.20587496	0.52790957	1
GABRA3	-1.1200516	0.68052236	1	1.10516521	0.52790957	1
GABRA5	-7.7213779	0.36779564	1	1.26303441	1	1
GABRA6	0.27443917	1	1	1.26303441	1	1
GABRB1	-0.5500983	0.85818915	1	-0.0046648	0.8377889	1
GABRB2	-1.2227318	0.67317602	1	8.62057924	0.12281968	1
GABRB3	0.27443917	1	1	1.26303441	1	1
GABRD	0.27443917	1	1	1.26303441	1	1
GABRE	0.27443917	1	1	1.26303441	1	1
GABRG1	0.27443917	1	1	-6.0837995	0.52259551	1
GABRG2	0.27443917	1	1	1.26303441	1	1
GABRG3	1.52965398	0.83770648	1	1.737818	0.59170527	1
GABRP	-8.1854989	0.36779564	1	1.26303441	1	1
GABRR1	0.27443917	1	1	1.26303441	1	1
GABRR2	0.27443917	1	1	1.26303441	1	1
GABRR3	0.27443917	1	1	1.26303441	1	1
GAD1	0.27443917	1	1	1.26303441	1	1
GAD2	0.27443917	1	1	1.26303441	1	1
GADD45A	-0.5613699	0.80862687	1	-2.119096	0.1251074	1
GADD45B	-0.3764718	0.7058248	1	-1.1534597	0.10382406	1
GADD45G	7.79484865	0.2752184	1	-0.4050651	0.49657976	1
GADD45GIP1	-2.7745674	0.03978377	1	-4.1598426	8.77E-07	0.02419573
GADL1	0.27443917	1	1	1.26303441	1	1
GAK	-0.0552135	0.5881733	1	0.60090633	0.00873679	1
GAL	-7.0886088	0.36779564	1	1.26303441	1	1

GAL3ST1	0.27443917	1	1	1.26303441	1	1
GAL3ST2	0.27443917	1	1	1.26303441	1	1
GAL3ST4	0.27443917	1	1	-7.9180552	0.3629285	1
GALC	0.35801141	0.27552659	1	1.14561956	0.00424096	1
GALE	-1.3224586	0.63214419	1	-0.7045075	0.23100551	1
GALK1	-0.1916484	0.56503214	1	-1.5447324	0.06832694	1
GALK2	0.0369527	0.60231601	1	0.31309688	0.30838524	1
GALM	-1.0643701	0.04159116	1	-0.710907	0.0050032	1
GALNS	-0.1333194	0.74387737	1	0.3565645	0.89789163	1
GALNT1	0.00782287	0.55189696	1	-0.3403716	0.20918183	1
GALNT10	-0.0856501	0.73212164	1	0.41210717	0.56385418	1
GALNT11	-0.335642	0.3367037	1	0.25350917	0.53862179	1
GALNT12	3.80523887	0.05633774	1	-0.169895	0.77342811	1
GALNT13	0.27443917	1	1	1.26303441	1	1
GALNT14	0.27443917	1	1	1.26303441	1	1
GALNT15	0.27443917	1	1	1.26303441	1	1
GALNT16	7.92434291	0.2752184	1	8.91293814	0.12281968	1
GALNT17	-7.8901473	0.19965135	1	-8.6713671	0.26373073	1
GALNT18	0.27443917	1	1	-7.745783	0.52259551	1
GALNT2	-0.0040887	0.7711428	1	0.39260865	0.1388201	1
GALNT3	0.22345117	0.88016836	1	0.49186674	0.78962717	1
GALNT4	0.22200641	0.38298631	1	0.365827	0.36072188	1
GALNT5	0.27443917	1	1	1.26303441	1	1
GALNT6	0.36685136	0.37490169	1	-0.1188152	0.65958435	1
GALNT7	-0.2063333	0.47573669	1	0.39564531	0.55218219	1
GALNT8	0.27443917	1	1	-8.1743084	0.3629285	1
GALNT9	3.77589162	0.01480663	1	2.79469254	0.00438717	1
GALNTL5	0.27443917	1	1	1.26303441	1	1
GALNTL6	0.27443917	1	1	-8.4856743	0.26373073	1
GALP	0.27443917	1	1	1.26303441	1	1
GALR1	7.69213392	0.2752184	1	-0.5219709	0.52790957	1
GALR2	0.27443917	1	1	1.26303441	1	1
GALR3	0.27443917	1	1	1.26303441	1	1
GALT	-1.5931376	0.33757333	1	-1.0686524	0.38061104	1
GAMT	-2.4617119	0.24755874	1	-1.6694874	0.28706691	1
GAN	0.38120305	0.66069745	1	1.14825891	0.02884749	1
GANAB	-0.6248649	0.3310306	1	-0.8117289	0.05203269	1
GANC	-1.1126035	0.09724678	1	0.53045295	0.9762121	1
GAP43	0.27443917	1	1	1.26303441	1	1
GAPDH	-0.7568179	0.1909614	1	-2.1766073	1.37E-07	0.00376715
GAPDHS	-8.1971641	0.36779564	1	-10.411404	0.00505186	1
GAPT	0.27443917	1	1	1.26303441	1	1
GAPVD1	0.31200355	0.41040245	1	0.01913555	0.86427966	1

GAR1	-0.1577924	0.89961572	1	-1.1043302	0.02345952	1
GAREM1	-0.3982832	0.90231962	1	0.65468773	0.52790957	1
GAREM2	0.27443917	1	1	1.26303441	1	1
GARNL3	-9.2199086	0.19965135	1	-6.8066353	0.52259551	1
GARS	0.37142332	0.62973018	1	0.76712089	0.25171126	1
GART	0.43411001	0.78527543	1	0.83305382	0.28550809	1
GAS1	-7.0040063	0.36779564	1	-6.5284919	0.52259551	1
GAS2	0.27443917	1	1	1.26303441	1	1
GAS2L1	-7.0684566	0.36779564	1	1.26303441	1	1
GAS2L2	0.27443917	1	1	-7.7970266	0.52259551	1
GAS2L3	-0.7644731	0.67317602	1	0.24990889	0.88397598	1
GAS6	-5.7150445	0.36779564	1	-6.6076133	0.52259551	1
GAS7	0.38762283	0.04537561	1	0.79563626	8.75E-05	1
GAS8	-0.9661169	0.21131258	1	-0.6187574	0.68201504	1
GASK1A	0.27443917	1	1	1.26303441	1	1
GASK1B	0.27443917	1	1	-6.5827228	0.52259551	1
GAST	0.27443917	1	1	1.26303441	1	1
GATA1	0.27443917	1	1	1.26303441	1	1
GATA2	-10.111101	0.19965135	1	1.26303441	1	1
GATA3	1.01824162	0.00349355	1	0.24127665	0.46767225	1
GATA4	6.80268521	0.2752184	1	7.79128045	0.12281968	1
GATA5	0.27443917	1	1	1.26303441	1	1
GATA6	0.27443917	1	1	1.26303441	1	1
GATAD1	1.04447729	0.03189687	1	0.01052706	0.65840449	1
GATAD2A	0.44046629	0.06661696	1	0.46967557	0.09784865	1
GATAD2B	-0.0391059	0.70969608	1	0.44470706	0.04792787	1
GATB	-0.0283171	0.85827823	1	-0.1099306	0.37493063	1
GATC	2.25015476	0.00958638	1	0.39667682	0.18613911	1
GATD1	0.40356828	0.4634873	1	0.18568177	0.37235208	1
GATD3A	-0.2637567	0.94119578	1	-0.2683571	0.51430404	1
GATM	-0.4306142	0.90231962	1	-0.7735325	0.49657976	1
GBA	-2.0186337	0.67317602	1	-1.5689994	0.49338433	1
GBA2	-2.0248789	0.08219259	1	-1.3443507	0.33340567	1
GBE1	-0.4881197	0.99189999	1	0.41910133	0.29456302	1
GBF1	-0.5430549	0.04722714	1	0.24313587	0.88263672	1
GBGT1	0.27443917	1	1	1.26303441	1	1
GBP3	0.67734205	0.57473755	1	-0.5703579	0.41029282	1
GBP6	1.91320269	0.22904601	1	10.7201826	0.00720402	1
GBP7	0.27443917	1	1	-4.2369282	0.52259551	1
GBX1	0.27443917	1	1	1.26303441	1	1
GC	0.27443917	1	1	1.26303441	1	1
GCA	-7.8152835	0.11486391	1	-9.6883993	0.03889469	1
GCAT	7.14873999	0.2752184	1	8.13733522	0.12281968	1

GCC1	1.85454815	0.83770648	1	-0.9143961	0.7770574	1
GCC2	0.11934298	0.69338067	1	0.59816517	0.16811302	1
GCDH	-0.1164647	0.85135027	1	-2.0665801	0.12744245	1
GCFC2	0.82555251	0.12912702	1	1.22712826	0.01143957	1
GCG	0.27443917	1	1	1.26303441	1	1
GCGR	0.27443917	1	1	1.26303441	1	1
GCH1	0.48887352	0.65336791	1	0.95113432	0.4881332	1
GCHFR	-5.7150445	0.36779564	1	-6.1114485	0.3629285	1
GCK	0.27443917	1	1	-5.4536481	0.52259551	1
GCKR	0.27443917	1	1	1.26303441	1	1
GCLC	0.0335284	0.76741784	1	0.8324889	0.10705295	1
GCLM	-1.181159	0.10804016	1	-0.8343845	0.23887981	1
GCM1	0.27443917	1	1	1.26303441	1	1
GCM2	0.27443917	1	1	1.26303441	1	1
GCN1	-0.2517549	0.91545899	1	-0.0883458	0.897911	1
GCNA	1.34314741	0.09484861	1	1.21355082	0.08851214	1
GCNT1	-0.5587289	0.23192096	1	-1.0558945	0.02075597	1
GCNT2	0.63980744	0.91549579	1	0.67410474	0.64335638	1
GCNT3	0.27443917	1	1	1.26303441	1	1
GCNT4	0.44087917	0.89260809	1	-0.3672971	0.49978619	1
GCNT7	0.27443917	1	1	1.26303441	1	1
GCSAM	7.50227797	0.2752184	1	8.49087321	0.12281968	1
GCSAML	1.99093216	0.04774524	1	0.96222301	0.1974687	1
GCSH	-2.1102707	0.67317602	1	-3.3446626	0.03752822	1
GDA	-8.2126282	0.11486391	1	1.26303441	1	1
GDAP1	8.2633308	0.2752184	1	-0.400412	0.8895985	1
GDAP1L1	8.82678425	0.12052946	1	0.1526912	0.365771	1
GDAP2	-0.8092285	0.15444605	1	-0.6356873	0.22626	1
GDE1	-2.4359031	0.13889968	1	-2.1044137	0.01873156	1
GDF1	0.27443917	1	1	1.26303441	1	1
GDF11	7.3674047	0.2752184	1	-1.4189771	0.84581067	1
GDF15	9.06164686	0.05637677	1	-0.7838045	0.633849	1
GDF7	-7.8037195	0.36779564	1	1.26303441	1	1
GDF9	-8.3088538	0.19965135	1	-8.3133415	0.1958879	1
GDI1	-1.2494958	0.70378272	1	-0.4480148	0.63662721	1
GDI2	-0.3953879	0.5343858	1	-0.3270258	0.42376777	1
GDNF	0.27443917	1	1	1.26303441	1	1
GDPD1	0.20771403	0.85135027	1	0.5238481	0.7871712	1
GDPD2	0.27443917	1	1	1.26303441	1	1
GDPD3	0.27443917	1	1	-5.1938251	0.52259551	1
GDPD4	0.27443917	1	1	1.26303441	1	1
GDPD5	-6.8152308	0.36779564	1	1.26303441	1	1
GDPGP1	-0.3677308	0.33955919	1	-0.8765041	0.27956976	1

GEM	0.637552	0.82683753	1	0.35959537	0.6484425	1
GEMIN2	0.66643685	0.79745399	1	0.37912972	0.82112593	1
GEMIN4	0.60980083	0.51164527	1	-1.6073833	0.39895834	1
GEMIN5	-1.2917767	0.65726762	1	-0.8881544	0.79819358	1
GEMIN6	7.45361488	0.2752184	1	0.31203156	0.88397598	1
GEMIN7	0.27443917	1	1	1.26303441	1	1
GEMIN7-1	3.65942104	0.45132853	1	1.76046189	0.35926299	1
GEMIN8	0.32636126	0.81908362	1	-0.9822947	0.33748762	1
GEN1	-0.0981316	0.82075644	1	-0.5645411	0.4124335	1
GET4	-0.1805803	0.55737126	1	0.03371384	0.80948775	1
GFAP	0.27443917	1	1	1.26303441	1	1
GFER	0.93452119	0.52003827	1	-0.1322361	0.43979533	1
GFI1	-2.2372391	0.15700157	1	-1.6882695	0.37701669	1
GFI1B	0.27443917	1	1	1.26303441	1	1
GFM1	0.30797982	0.76601287	1	0.47080704	0.47799157	1
GFM2	-0.7261905	0.61579044	1	-0.3083119	0.87611073	1
GFOD1	-1.7231163	0.02381821	1	0.15360992	0.9667082	1
GFOD2	-1.0756739	0.15657098	1	-0.6691636	0.27503877	1
GFPT1	0.16198195	0.30017651	1	0.11352573	0.63166573	1
GFPT2	0.27443917	1	1	-6.8488	0.52259551	1
GFRA1	0.27443917	1	1	1.26303441	1	1
GFRA2	1.15725416	0.08548821	1	1.61443582	0.10438779	1
GFRA3	0.27443917	1	1	-7.8550786	0.3629285	1
GFRA4	0.27443917	1	1	1.26303441	1	1
GFRAL	2.23312648	0.26056869	1	1.83709806	0.38465738	1
GGA1	-0.4433546	0.34276309	1	-0.5657276	0.24459678	1
GGA2	0.31774688	0.65010072	1	-0.3399009	0.30703157	1
GGA3	-1.8767881	0.0732478	1	-1.4725268	0.03527433	1
GGACT	0.33073607	0.72960455	1	1.62702423	0.3281448	1
GGCT	8.19481896	0.2752184	1	-0.4769025	0.64825479	1
GGCX	-0.886616	0.74311662	1	-0.0009012	0.74977431	1
GGH	0.04902291	0.80799068	1	-0.9670646	0.59686937	1
GGN	0.27443917	1	1	1.26303441	1	1
GGNBP2	0.07226943	0.93707015	1	0.07326583	0.85444561	1
GGPS1	-0.1995896	0.67311438	1	-1.2069016	0.01924864	1
GGT1	-0.6636317	0.56797707	1	1.88731593	0.0638048	1
GGT6	0.27443917	1	1	1.26303441	1	1
GGT7	-7.8362071	0.36779564	1	-7.3335838	0.3629285	1
GGTA1P	0.27443917	1	1	1.26303441	1	1
GHDC	-0.7644608	0.64994186	1	-0.4282959	0.62605362	1
GHITM	-0.1788781	0.80843867	1	-0.7477081	0.04694622	1
GHR	0.27443917	1	1	-8.6679319	0.26373073	1
GHRH	0.27443917	1	1	-6.2598662	0.52259551	1

GHRL	-8.1466305	0.36779564	1	1.26303441	1	1
GHSR	0.27443917	1	1	1.26303441	1	1
GID4	2.43493331	0.08337297	1	-0.455544	0.9650841	1
GID8	0.30061154	0.62888645	1	-0.0835728	0.68374705	1
GIGYF1	-0.2789437	0.97111904	1	0.31504422	0.17381961	1
GIGYF2	-0.173094	0.94686609	1	-0.1056417	0.76870471	1
GIMAP1	-0.0011663	0.50868752	1	-1.9895455	0.00016056	1
GIMAP2	-0.5908487	0.85454059	1	0.14549814	0.70948976	1
GIMAP4	-0.5869684	0.32012076	1	-0.5247586	0.06399256	1
GIMAP5	-0.0735764	0.31227424	1	-0.2756067	0.53298035	1
GIMAP6	-0.2802646	0.84083876	1	-1.6255326	0.00159889	1
GIMAP7	-0.4239975	0.94459846	1	-1.5470296	7.62E-07	0.02102056
GIMAP8	-0.4981859	0.90349704	1	-0.0861493	0.41489627	1
GIMD1	-8.1246764	0.36779564	1	1.26303441	1	1
GIN1	-0.65337	0.81082991	1	-0.8240587	0.49195798	1
GINM1	-0.4627662	0.62047408	1	0.20692187	0.51928466	1
GINS1	-9.4573358	0.19965135	1	-9.2309575	0.06553217	1
GINS2	1.94268521	0.89260809	1	-0.7219748	0.49657976	1
GINS3	-8.8783066	0.36779564	1	-6.4009957	0.52259551	1
GINS4	0.27443917	1	1	-9.4507132	0.11188911	1
GIP	0.27443917	1	1	1.26303441	1	1
GIPC1	0.27443917	1	1	-8.4311355	0.26373073	1
GIPC2	0.27443917	1	1	-9.2226515	0.1474095	1
GIPR	0.27443917	1	1	-8.1749355	0.3629285	1
GIT1	-1.5523093	0.1269962	1	-0.2155608	0.94796444	1
GIT2	-0.1777906	0.79781314	1	0.89710088	0.00076363	1
GJA1	0.27443917	1	1	1.26303441	1	1
GJA3	0.27443917	1	1	-6.3854357	0.52259551	1
GJA4	-5.3209596	0.36779564	1	1.26303441	1	1
GJA5	0.27443917	1	1	1.26303441	1	1
GJA8	0.27443917	1	1	1.26303441	1	1
GJA9	0.27443917	1	1	1.26303441	1	1
GJB1	0.27443917	1	1	1.26303441	1	1
GJB2	0.27443917	1	1	1.26303441	1	1
GJB3	0.27443917	1	1	1.26303441	1	1
GJB4	0.27443917	1	1	1.26303441	1	1
GJB5	0.27443917	1	1	1.26303441	1	1
GJB6	0.27443917	1	1	1.26303441	1	1
GJB7	0.27443917	1	1	-7.4777692	0.52259551	1
GJC1	0.27443917	1	1	-7.6621094	0.3629285	1
GJC2	-0.0092737	0.90231962	1	-0.3587822	0.88397598	1
GJC3	0.27443917	1	1	-4.2111359	0.52259551	1
GJD3	0.27443917	1	1	1.26303441	1	1

GJD4	0.27443917	1	1	1.26303441	1	1
GK	-1.094747	0.19632242	1	0.11653898	0.79062421	1
GK5	0.72359364	0.77363153	1	1.11470623	0.74047415	1
GKAP1	1.69577296	0.0262677	1	0.56219346	0.85889147	1
GKN2	0.27443917	1	1	1.26303441	1	1
GLA	-1.220875	0.67317602	1	-2.6552642	0.02999184	1
GLB1	0.22423864	0.31605939	1	0.14929845	0.94387208	1
GLB1L	-0.6826662	0.83021289	1	-0.0969791	0.62760797	1
GLB1L2	-7.1050095	0.36779564	1	1.26303441	1	1
GLB1L3	0.27443917	1	1	1.26303441	1	1
GLCCI1	-0.4843262	0.01156399	1	0.15174136	0.38334574	1
GLCE	0.70264406	0.00125815	1	1.01556763	0.00010056	1
GLDC	0.27443917	1	1	1.26303441	1	1
GLDN	7.10225734	0.2752184	1	-2.4368866	0.8895985	1
GLE1	-0.3250662	0.08421234	1	0.13141089	0.61198532	1
GLG1	-0.0733095	0.96067438	1	0.40409142	0.09663965	1
GLI1	1.07854246	0.84452255	1	2.58388056	0.15660079	1
GLI2	0.27443917	1	1	1.26303441	1	1
GLI3	-8.7296944	0.19965135	1	1.26303441	1	1
GLI4	0.46829076	0.25394299	1	2.3624231	0.59553177	1
GLIPR1	-1.2142284	0.26024548	1	-1.7787341	0.00078527	1
GLIPR1L1	0.27443917	1	1	-7.8646666	0.3629285	1
GLIPR1L2	0.27443917	1	1	1.26303441	1	1
GLIPR2	-0.2427027	0.53239758	1	-0.8888298	0.00113058	1
GLIS1	0.27443917	1	1	-8.1895492	0.3629285	1
GLIS2	0.27443917	1	1	-6.465291	0.52259551	1
GLIS3	0.11397503	0.77149457	1	0.50261013	0.56824732	1
GLMN	0.25132442	0.13694262	1	0.42373929	0.13667446	1
GLMP	0.59340294	0.56987499	1	-1.4813653	0.16678759	1
GLO1	0.15256947	0.72208496	1	-0.5201832	0.16807612	1
GLOD4	-0.0142657	0.34809973	1	-1.5196243	0.06283011	1
GLOD5	0.27443917	1	1	-3.4115773	0.52259551	1
GLP1R	-6.7958073	0.36779564	1	1.26303441	1	1
GLP2R	0.27443917	1	1	-6.3422478	0.52259551	1
GLRA1	-1.8704951	0.15910718	1	-2.789763	0.0113305	1
GLRA2	-8.6291324	0.19965135	1	-8.0060146	0.26373073	1
GLRA3	7.14873999	0.2752184	1	8.13733522	0.12281968	1
GLRA4	7.45361488	0.2752184	1	0.87506285	0.52790957	1
GLRB	9.46162089	0.12052946	1	0.88259095	0.97756721	1
GLRX	-0.0260769	0.75083241	1	-1.2494492	0.01989419	1
GLRX2	-0.2334499	0.88616047	1	-0.3994823	0.38938911	1
GLRX3	-0.2701714	0.91928953	1	-0.1369908	0.56513232	1
GLRX5	0.58138324	0.7333403	1	-0.8463417	0.17908149	1

GLS	-0.4105682	0.38997546	1	-0.1817998	0.48677806	1
GLS2	-0.7954484	0.86503869	1	-0.6428989	0.5120691	1
GLT1D1	-0.1661186	0.5572977	1	0.13455374	0.6457643	1
GLT6D1	0.27443917	1	1	1.26303441	1	1
GLT8D1	1.63446677	0.27886875	1	-1.0712675	0.4030459	1
GLT8D2	-10.674776	0.01493805	1	-9.1921707	0.11188911	1
GLTP	0.86262603	0.07944181	1	0.16922948	0.85019175	1
GLTPD2	0.27443917	1	1	1.26303441	1	1
GLUD1	-0.3263938	0.64896214	1	-0.6826194	0.04510956	1
GLUL	-11.546436	0.00077178	1	-12.22341	9.22E-06	0.25451595
GLYAT	0.27443917	1	1	1.26303441	1	1
GLYATL3	0.27443917	1	1	1.26303441	1	1
GLYCTK	-6.5184638	0.19965135	1	-9.3364759	0.11188911	1
GLYR1	-0.2143052	0.72839526	1	0.0450353	0.83090127	1
GM2A	-8.6100742	0.19965135	1	-8.1797814	0.1474095	1
GMCL1	-0.4098648	0.65808745	1	-0.4129578	0.10414283	1
GMCL2	0.27443917	1	1	1.26303441	1	1
GMDS	0.19506529	0.19152381	1	0.61341428	0.00059724	1
GMEB1	-1.5622674	0.3822423	1	-0.6264106	0.63690192	1
GMEB2	-0.4298691	0.75973525	1	0.35805205	0.30594858	1
GMFB	0.20993714	0.70207794	1	-0.0420122	0.83254076	1
GMFG	-0.1831598	0.64113709	1	-1.7083549	7.82E-11	2.16E-06
GMIP	0.64823128	0.34301225	1	0.16891739	0.79262135	1
GML	0.27443917	1	1	1.26303441	1	1
GMNC	0.27443917	1	1	1.26303441	1	1
GMNN	-1.0579842	0.68052236	1	-3.109165	0.04806858	1
GMPPA	-9.3169229	0.19965135	1	-8.2287285	0.1958879	1
GMPPB	0.27443917	1	1	-7.0945367	0.26373073	1
GMPR	2.48136132	0.31609774	1	1.02431363	0.36289592	1
GMPR2	1.18389644	0.07348033	1	-1.1311819	0.05434022	1
GMPS	-0.1493411	0.33420608	1	-0.210259	0.90266277	1
GNA11	-0.3609374	0.90231962	1	-0.8912042	0.8895985	1
GNA12	0.33485842	0.57070387	1	0.07959363	0.90301069	1
GNA13	-0.1405075	0.917676	1	0.16625204	0.48431709	1
GNA14	-8.1765674	0.19965135	1	-8.678197	0.1474095	1
GNA15	-0.1243902	0.82676726	1	0.88119017	0.10687469	1
GNAI1	0.75823644	0.1807438	1	1.09043654	0.11897705	1
GNAI2	-0.0432516	0.31406739	1	-0.6885413	0.06207627	1
GNAI3	-0.4743356	0.82782944	1	-0.1889695	0.74197701	1
GNAL	-1.476108	0.44329274	1	-0.6325787	0.73169748	1
GNAO1	0.27443917	1	1	-8.0963699	0.1958879	1
GNAQ	-0.2917795	0.20989495	1	0.24872316	0.3428368	1
GNAT1	0.27443917	1	1	1.26303441	1	1

GNAT2	-0.5409045	0.92978603	1	0.4780825	0.75518386	1
GNAT3	-7.4842085	0.36779564	1	1.26303441	1	1
GNAZ	0.27443917	1	1	1.26303441	1	1
GNB1	0.06061111	0.40171331	1	0.62113854	0.00015147	1
GNB1L	0.34779616	0.65100684	1	0.16643199	0.54797146	1
GNB2	-1.1831854	0.02971525	1	-1.3755271	0.00508038	1
GNB3	0.27443917	1	1	-6.6931447	0.52259551	1
GNB4	-8.8449084	0.11486391	1	-7.518611	0.1958879	1
GNB5	8.64861082	0.12052946	1	0.91471441	0.15869376	1
GNE	0.16117082	0.97995021	1	-0.6455277	0.1088743	1
GNG10	-0.696712	0.74909453	1	-1.650376	0.00193383	1
GNG11	0.27443917	1	1	-8.2876906	0.1958879	1
GNG12	-8.3133845	0.19965135	1	-9.0355784	0.11188911	1
GNG14	-7.6605732	0.36779564	1	1.26303441	1	1
GNG2	-0.184817	0.65729935	1	0.19134026	0.17099593	1
GNG3	8.66246221	0.2752184	1	-0.3548864	0.49978619	1
GNG4	-0.1897892	0.83021289	1	3.43241795	0.12904921	1
GNG5	-0.5329002	0.64650581	1	-2.7016402	1.86E-09	5.14E-05
GNG7	0.91863513	0.25084156	1	1.84324892	0.00342758	1
GNG8	0.27443917	1	1	1.26303441	1	1
GNGT1	0.27443917	1	1	1.26303441	1	1
GNGT2	-9.2839692	0.11486391	1	-8.702988	0.1474095	1
GNL1	0.0732253	0.66563847	1	0.37977567	0.88191684	1
GNL2	-0.136098	0.8209061	1	0.16979853	0.52273148	1
GNL3	-0.2480925	0.90463514	1	-0.00341	0.89742118	1
GNL3L	0.70149507	0.21890318	1	1.12944921	0.00348815	1
GNLY	-1.5983704	7.63E-05	1	-3.4099409	2.96E-08	0.000816
GNMT	-5.7676125	0.36779564	1	-8.1271271	0.3629285	1
GNPAT	-0.2991828	0.97229208	1	-0.4744456	0.79333796	1
GNPDA1	-0.5398015	0.9957419	1	-0.4159632	0.34725899	1
GNPDA2	0.720247	0.51155299	1	-0.3662882	0.70527093	1
GNPNAT1	-0.6038287	0.97425429	1	-0.1419575	0.97828008	1
GNPTAB	0.23638998	0.62642193	1	0.18006812	0.4552464	1
GNPTG	2.01909214	0.0588633	1	0.55752399	0.36971191	1
GNRH1	-0.9402643	0.90231962	1	1.74334507	0.52223338	1
GNRH2	0.27443917	1	1	-5.8732833	0.52259551	1
GNRHR	0.27443917	1	1	1.26303441	1	1
GNRHR2	7.50227797	0.2752184	1	-1.7054246	0.37197527	1
GNS	-0.7556607	0.07322915	1	-0.2407049	0.60959842	1
GOLGA1	-0.7191003	0.16242807	1	0.47717666	0.25185825	1
GOLGA2	-0.8489076	0.33065154	1	-1.6117498	0.0256852	1
GOLGA3	-1.0867103	0.25233533	1	-0.9665833	0.24035903	1
GOLGA4	-0.6711383	0.04697108	1	-0.196846	0.80107526	1

GOLGA5	-0.4099217	0.7918818	1	0.5333116	0.36399841	1
GOLGA6L2	-0.6164571	0.90231962	1	0.96145158	0.52790957	1
GOLGA7	0.76318171	0.36183255	1	0.08153912	0.92785945	1
GOLGA7B	0.27443917	1	1	1.26303441	1	1
GOLGB1	-0.7016969	0.25943637	1	-0.0522305	0.81608547	1
GOLIM4	-0.0319927	0.84066634	1	0.08828661	0.5856168	1
GOLM1	-1.0818883	0.68052236	1	8.66496977	0.12281968	1
GOLPH3	-0.0510844	0.78214574	1	-0.2284783	0.99433266	1
GOLPH3L	-1.456753	0.10711976	1	-1.0136021	0.10795762	1
GOLT1A	0.27443917	1	1	1.26303441	1	1
GOLT1B	1.22015324	0.14247814	1	-0.5476668	0.41762169	1
GON7	0.69225633	0.36203404	1	-1.0916432	0.16441097	1
GOPC	-0.0991186	0.74867147	1	-0.1369055	0.25391669	1
GORAB	1.34858608	0.21769921	1	1.68086644	0.13814226	1
GORASP1	-1.1727408	0.26245707	1	-0.8417355	0.23563064	1
GORASP2	-1.2665177	0.13533882	1	-1.3664509	0.03519455	1
GOSR1	0.47047797	0.32894395	1	0.82778759	0.20634649	1
GOSR2	-1.6962758	0.1530924	1	-1.1143119	0.1509772	1
GOT1	-0.1323018	0.5545252	1	-0.6433569	0.53429207	1
GOT1L1	0.27443917	1	1	1.26303441	1	1
GOT2	1.01839079	0.09745721	1	0.03034509	0.5601418	1
GP1BA	-5.3209596	0.36779564	1	-8.6217236	0.3629285	1
GP1BB	0.27443917	1	1	1.26303441	1	1
GP2	0.27443917	1	1	1.26303441	1	1
GP5	0.27443917	1	1	-7.2784846	0.52259551	1
GP6	-6.0587014	0.36779564	1	-8.3705839	0.26373073	1
GP9	0.27443917	1	1	1.26303441	1	1
GPA33	0.27443917	1	1	1.26303441	1	1
GPAA1	-0.6552705	0.9881981	1	-1.0667725	0.11636467	1
GPALPP1	-0.9883673	0.50359406	1	-1.6265017	0.04751223	1
GPAM	-0.6327407	0.40533882	1	-0.4024952	0.1187139	1
GPANK1	-1.002834	0.56020917	1	-2.632868	0.04789169	1
GPAT2	0.27443917	1	1	1.26303441	1	1
GPAT3	0.06412913	0.75413474	1	1.49117441	0.18468345	1
GPAT4	-0.0785275	0.84967668	1	-0.1983688	0.90549658	1
GPATCH1	-1.3417578	0.27153219	1	-0.8230609	0.4752803	1
GPATCH11	-1.4831133	0.24464013	1	-1.9579179	0.00911382	1
GPATCH2	0.69370416	0.18164367	1	0.00572364	0.4797618	1
GPATCH2L	-0.6716496	0.47201559	1	0.1979383	0.80509881	1
GPATCH3	-1.3861902	0.2572727	1	-1.6815995	0.03959075	1
GPATCH4	-0.0571151	0.89363767	1	-0.1241712	0.7135878	1
GPATCH8	0.01067677	0.67860083	1	0.30037847	0.05097937	1
GPBAR1	-9.9645899	0.06784723	1	-7.4779243	0.26373073	1

GPBP1	-0.2915124	0.42902748	1	0.11877162	0.54235555	1
GPBP1L1	-0.116474	0.97411581	1	0.30041154	0.09086509	1
GPC1	0.27443917	1	1	1.26303441	1	1
GPC2	-6.7650097	0.36779564	1	1.26303441	1	1
GPC3	0.73751951	0.84452255	1	1.51967162	0.15869376	1
GPC4	0.27443917	1	1	1.26303441	1	1
GPC5	-0.5867222	0.56020917	1	0.6142259	0.59936951	1
GPC6	-9.2067809	0.19965135	1	-3.7413079	0.52259551	1
GPCPD1	-0.2184374	0.70940451	1	0.31017401	0.26847736	1
GPD1L	0.2594866	0.9128489	1	0.22130086	0.86091627	1
GPD2	0.29713641	0.32053036	1	0.56448027	0.10116232	1
GPER1	0.27443917	1	1	-8.3430999	0.26373073	1
GPHA2	0.27443917	1	1	1.26303441	1	1
GPHB5	0.27443917	1	1	1.26303441	1	1
GPHN	0.61471875	0.07602502	1	1.34235925	9.73E-05	1
GPI	-0.3642813	0.49320026	1	-0.6038224	0.07176012	1
GPKOW	0.60015334	0.81353247	1	-0.5837245	0.7225383	1
GPLD1	-8.7422217	0.19965135	1	-8.388401	0.1474095	1
GPM6A	0.27443917	1	1	1.26303441	1	1
GPM6B	0.27443917	1	1	-6.1415557	0.52259551	1
GPN1	0.09958341	0.9118935	1	-0.0856476	0.98655331	1
GPN2	-0.8962404	0.96169167	1	-0.6225194	0.6442598	1
GPN3	0.45439539	0.52153049	1	-1.5197127	0.01040514	1
GPNMB	-1.4863247	0.01327257	1	-1.6785839	7.72E-05	1
GPR1	0.27443917	1	1	-5.0483792	0.52259551	1
GPR101	0.27443917	1	1	1.26303441	1	1
GPR107	-0.2640509	0.7226723	1	0.17032508	0.30629042	1
GPR108	-0.9691867	0.64547316	1	-1.9862662	0.11095321	1
GPR132	-0.3671043	0.33363398	1	-0.1755715	0.6493547	1
GPR135	0.27443917	1	1	1.26303441	1	1
GPR137	-0.7303999	0.46636297	1	-1.0805424	0.3422533	1
GPR137B	0.16278573	0.92146212	1	-0.5556357	0.43978206	1
GPR137C	-0.3649409	0.83579048	1	-1.8315957	0.17067853	1
GPR139	0.27443917	1	1	1.26303441	1	1
GPR141	-0.5157504	0.69543501	1	0.50475464	0.89165505	1
GPR142	0.27443917	1	1	1.26303441	1	1
GPR143	0.27443917	1	1	-6.2981694	0.52259551	1
GPR146	1.88904335	0.12000471	1	0.30899224	0.74971066	1
GPR149	0.27443917	1	1	1.26303441	1	1
GPR15	0.27443917	1	1	-5.8553883	0.52259551	1
GPR152	0.27443917	1	1	1.26303441	1	1
GPR153	9.71407163	0.12052946	1	0.61356883	0.60321842	1
GPR155	-3.0260299	0.25076778	1	-1.8871529	0.28706691	1

GPR156	0.27443917	1	1	1.26303441	1	1
GPR157	0.27443917	1	1	1.26303441	1	1
GPR158	-5.4928051	0.36779564	1	1.26303441	1	1
GPR160	-11.673363	0.00910616	1	-11.143114	0.00391757	1
GPR161	-7.841363	0.36779564	1	-6.2269176	0.52259551	1
GPR162	-6.5488187	0.19965135	1	-8.2843269	0.26373073	1
GPR17	0.27443917	1	1	1.26303441	1	1
GPR171	0.10854777	0.75022285	1	-1.6406927	0.03049014	1
GPR173	0.27443917	1	1	1.26303441	1	1
GPR174	0.09453805	1	1	0.54435875	0.70928282	1
GPR176	8.03370604	0.2752184	1	3.52233864	0.52223338	1
GPR179	0.27443917	1	1	1.26303441	1	1
GPR18	-1.6451635	0.16490105	1	-1.6418199	0.01852211	1
GPR180	-0.4946767	0.89972832	1	-1.5584968	0.17616223	1
GPR182	0.27443917	1	1	1.26303441	1	1
GPR183	0.57111945	0.40069896	1	-0.7167018	0.0437643	1
GPR19	-7.7914198	0.19965135	1	-7.1921279	0.3629285	1
GPR21	-9.289568	0.11486391	1	-7.9858556	0.26373073	1
GPR22	-1.4312581	0.41260835	1	-1.3212547	0.29106049	1
GPR25	7.40815805	0.2752184	1	-3.3084079	0.07838475	1
GPR27	-8.1679416	0.19965135	1	-7.0346968	0.3629285	1
GPR3	0.27443917	1	1	-6.3223673	0.52259551	1
GPR31	0.27443917	1	1	1.26303441	1	1
GPR34	-0.5552851	0.25653985	1	-1.7526407	0.01037257	1
GPR35	-0.8490923	0.68052236	1	1.1108986	0.52790957	1
GPR37	0.27443917	1	1	1.26303441	1	1
GPR37L1	-6.0587014	0.36779564	1	1.26303441	1	1
GPR39	0.27443917	1	1	-3.4307288	0.52259551	1
GPR4	0.27443917	1	1	1.26303441	1	1
GPR45	0.27443917	1	1	1.26303441	1	1
GPR52	1.34122113	0.07427673	1	2.49662252	0.00048084	1
GPR55	0.65771446	0.68789913	1	2.27363795	0.52223338	1
GPR62	0.27443917	1	1	1.26303441	1	1
GPR63	-1.0454784	0.67317602	1	-2.0469632	0.48386448	1
GPR65	-0.9339157	0.15443017	1	-1.2159188	0.0011168	1
GPR68	-0.2752721	0.56815692	1	-0.1767684	0.54429972	1
GPR75	1.38316536	0.89260809	1	-0.0118416	0.85064705	1
GPR82	-7.841363	0.36779564	1	1.26303441	1	1
GPR83	-0.4777132	0.90231962	1	8.31449608	0.12281968	1
GPR84	-7.9764623	0.19965135	1	-6.4677596	0.1958879	1
GPR85	0.27443917	1	1	1.26303441	1	1
GPR87	0.27443917	1	1	1.26303441	1	1
GPR88	-8.037509	0.19965135	1	-9.4420347	0.06553217	1

GPR89A	-0.2897423	0.76205442	1	0.03603985	0.92329251	1
GPRASP1	-0.4753236	0.77879666	1	0.20255642	0.46407567	1
GPRASP2	-1.2517946	0.41260835	1	-0.0867465	0.85548905	1
GPRC5A	8.28827283	0.2752184	1	4.5831049	0.52223338	1
GPRC5B	-1.2324961	0.41759769	1	-0.1452803	0.85064705	1
GPRC5C	-7.8894416	0.36779564	1	1.26303441	1	1
GPRC5D	0.27443917	1	1	1.26303441	1	1
GPRC6A	0.27443917	1	1	1.26303441	1	1
GPRIN1	0.27443917	1	1	1.26303441	1	1
GPRIN2	0.27443917	1	1	-7.6813617	0.52259551	1
GPRIN3	-1.1044906	0.01812647	1	-0.8697208	0.03411732	1
GPS1	-1.3917891	0.2156685	1	-1.8032998	0.17158349	1
GPS2	-1.9721117	0.37155017	1	-2.6761117	0.00202291	1
GPSM1	0.58646154	0.84452255	1	10.0764686	0.02855238	1
GPSM2	-0.9555301	0.64101723	1	-1.4269888	0.3327648	1
GPSM3	-0.8173574	0.29632705	1	-2.6693535	4.05E-06	0.11177803
GPT	0.27443917	1	1	1.26303441	1	1
GPT2	0.42903587	0.52867968	1	2.88293894	0.0128356	1
GPX1	0.68432714	0.3466669	1	-2.2660152	0.00053731	1
GPX2	0.27443917	1	1	-8.4311557	0.1958879	1
GPX3	0.27443917	1	1	1.26303441	1	1
GPX4	-0.5214953	0.53186896	1	-2.1584325	1.22E-11	3.37E-07
GPX5	0.27443917	1	1	1.26303441	1	1
GPX6	0.27443917	1	1	1.26303441	1	1
GPX7	-8.1774396	0.36779564	1	1.26303441	1	1
GPX8	-8.4626833	0.36779564	1	-6.9070229	0.52259551	1
GRAMD1A	0.0185701	0.87260032	1	0.02389963	0.79951317	1
GRAMD1B	-0.1948992	0.97056891	1	0.19110819	0.90147896	1
GRAMD1C	9.03037274	0.2752184	1	-0.7150703	0.38210003	1
GRAMD2A	-8.4551564	0.19965135	1	-6.0090703	0.26373073	1
GRAMD2B	-0.8627359	0.01411145	1	-0.3071907	0.13468872	1
GRAMD4	-0.2778471	0.5310219	1	0.43056406	0.07193092	1
GRAP	1.14452629	0.0029615	1	1.33642599	3.88E-05	1
GRAP2	-0.187899	0.99766438	1	0.91656161	0.14167645	1
GRASP	0.66051243	0.23278174	1	1.44188092	0.09402354	1
GRB10	0.56445223	0.52964575	1	0.74724028	0.23554676	1
GRB14	0.27443917	1	1	1.26303441	1	1
GRB2	-0.0979385	0.91083323	1	-0.0367382	0.73941367	1
GRB7	6.80268521	0.2752184	1	-1.5015871	0.8895985	1
GREB1	-5.9776946	0.36779564	1	1.26303441	1	1
GREB1L	0.08322529	0.17688388	1	-0.2582935	0.1529671	1
GREM1	0.27443917	1	1	1.26303441	1	1
GREM2	0.27443917	1	1	1.26303441	1	1

GRHL1	-2.5322133	0.15700157	1	-1.5579285	0.22696786	1
GRHL2	-2.4855781	0.25076778	1	-2.1632012	0.37449073	1
GRHL3	0.27443917	1	1	-5.9244137	0.52259551	1
GRHPR	0.56752587	0.22572511	1	-0.4212918	0.45766418	1
GRIA1	0.27443917	1	1	-5.2186916	0.52259551	1
GRIA2	0.27443917	1	1	1.26303441	1	1
GRIA3	0.27443917	1	1	-5.5963704	0.52259551	1
GRIA4	0.27443917	1	1	1.26303441	1	1
GRID1	0.01878047	0.85135027	1	0.53035209	0.60321842	1
GRID2	-0.4836018	0.83021289	1	1.22240919	0.61212222	1
GRID2IP	0.27443917	1	1	-5.8457393	0.52259551	1
GRIK1	-7.5569148	0.36779564	1	-7.4166677	0.3629285	1
GRIK2	-0.3372645	0.90231962	1	9.10320953	0.12281968	1
GRIK3	0.27443917	1	1	1.26303441	1	1
GRIK4	0.27443917	1	1	-6.4466238	0.52259551	1
GRIK5	-0.1825372	0.8146861	1	0.1408309	0.8377889	1
GRIN1	0.27443917	1	1	-6.5913026	0.52259551	1
GRIN2A	0.27443917	1	1	1.26303441	1	1
GRIN2B	-0.5296006	0.90231962	1	0.34830424	0.52790957	1
GRIN2C	0.27443917	1	1	1.26303441	1	1
GRIN2D	0.27443917	1	1	-5.2686032	0.52259551	1
GRIN3A	7.66484764	0.2752184	1	2.17171691	0.52223338	1
GRIN3B	3.19511066	0.45132853	1	9.77910467	0.02855238	1
GRIP1	-7.4646628	0.19965135	1	-4.2369282	0.52259551	1
GRIP2	0.27443917	1	1	1.26303441	1	1
GRIPAP1	-0.4105802	0.44835407	1	-0.1859399	0.6867748	1
GRK1	0.27443917	1	1	1.26303441	1	1
GRK2	0.91974718	0.03563219	1	0.22678887	0.35419843	1
GRK3	-0.2482173	0.44813499	1	-0.3657217	0.32943583	1
GRK4	1.12925994	0.32512133	1	-0.1325218	0.26566667	1
GRK5	-0.1019545	0.39499634	1	1.18701983	0.00166998	1
GRK6	0.61724013	0.16985023	1	-0.5392157	0.31967672	1
GRK7	-10.000022	0.06784723	1	-5.931537	0.3629285	1
GRM1	0.27443917	1	1	1.26303441	1	1
GRM2	0.27443917	1	1	1.26303441	1	1
GRM3	0.27443917	1	1	1.26303441	1	1
GRM4	0.27443917	1	1	1.26303441	1	1
GRM5	0.27443917	1	1	-8.3115363	0.3629285	1
GRM6	0.27443917	1	1	1.26303441	1	1
GRM7	0.27443917	1	1	-6.9056498	0.3629285	1
GRM8	0.27443917	1	1	1.26303441	1	1
GRN	-1.7513877	0.00503316	1	-2.3129537	1.96E-05	0.53982485
GRP	0.27443917	1	1	1.26303441	1	1

GRPEL1	0.20811027	0.4010665	1	-0.6999415	0.45443739	1
GRPEL2	-10.154313	0.11486391	1	-8.9497691	0.11188911	1
GRPR	-8.1246764	0.36779564	1	1.26303441	1	1
GRSF1	-0.1478464	0.32631827	1	0.66098738	0.92240332	1
GRTP1	8.2633308	0.2752184	1	-0.3710648	0.64428388	1
GRWD1	-9.3750806	0.11486391	1	-9.5354209	0.01801327	1
GRXCR1	0.27443917	1	1	1.26303441	1	1
GRXCR2	0.27443917	1	1	1.26303441	1	1
GSAP	0.2045158	0.71175546	1	0.51869251	0.76479479	1
GSDMA	8.47620646	0.2752184	1	9.4648017	0.12281968	1
GSDMB	8.78979911	0.12052946	1	9.77839435	0.02855238	1
GSDMC	0.27443917	1	1	1.26303441	1	1
GSDMD	0.3288552	0.70324665	1	-1.4350831	0.08658159	1
GSDME	8.81168707	0.2752184	1	9.8002823	0.12281968	1
GSE1	0.80880155	0.00250766	1	0.73655574	0.00304494	1
GSG1	0.27443917	1	1	1.26303441	1	1
GSG1L	-9.2883509	0.36779564	1	1.26303441	1	1
GSG1L2	0.27443917	1	1	1.26303441	1	1
GSK3A	0.41136787	0.16479	1	-0.1205021	0.68141644	1
GSK3B	0.21100252	0.53228358	1	0.62613524	0.00182416	1
GSKIP	-0.584381	0.86517673	1	0.58875345	0.06562933	1
GSN	0.51533765	0.9318515	1	-0.4929114	0.205465	1
GSPT1	-0.7502584	0.30152155	1	-0.5787931	0.07834383	1
GSR	0.10854354	0.90498006	1	-1.3657419	0.07660502	1
GSS	-2.5343474	0.41260835	1	-1.191401	0.8409801	1
GSTA1	0.27443917	1	1	1.26303441	1	1
GSTA2	0.27443917	1	1	-7.320257	0.52259551	1
GSTA3	0.27443917	1	1	-10.464728	0.01801327	1
GSTA4	1.6334062	0.89260809	1	-1.3143793	0.22856574	1
GSTCD	-1.4823179	0.25400575	1	-1.6072603	0.49019995	1
GSTK1	0.34573905	0.1201989	1	-1.1221701	0.0440002	1
GSTM1	0.27443917	1	1	1.26303441	1	1
GSTM2	0.27443917	1	1	1.26303441	1	1
GSTM3	0.27443917	1	1	1.26303441	1	1
GSTM4	-2.4853927	0.25076778	1	-1.9136618	0.13406883	1
GSTM5	-0.2698286	0.41759769	1	-1.5994674	0.17493326	1
GSTO1	-9.0160805	0.19965135	1	-9.8477181	0.01801327	1
GSTO2	1.11791731	0.50663218	1	0.54105442	0.63344463	1
GSTP1	-1.1465787	0.06151526	1	-3.0478265	2.69E-20	7.43E-16
GSTT1	8.009752	0.2752184	1	1.73091412	0.52223338	1
GSTT2B	1.0136122	0.4634873	1	-1.9300897	0.31195226	1
GSTZ1	-1.509909	0.68052236	1	-2.9723046	0.036956	1
GSX2	-5.7676125	0.36779564	1	1.26303441	1	1

GTDC1	-0.5789957	0.0987676	1	-0.4073297	0.41981776	1
GTF2A1	-0.453393	0.9783349	1	-0.0343011	0.50379977	1
GTF2A1L	-7.979308	0.36779564	1	1.26303441	1	1
GTF2A2	0.56230871	0.99492946	1	-0.6140665	0.01032528	1
GTF2B	-0.1318288	0.84053912	1	-0.1741751	0.54175769	1
GTF2E1	0.18661339	0.74118136	1	0.97107279	0.46541954	1
GTF2E2	-0.8253932	0.08485278	1	-0.7872992	0.02763762	1
GTF2F1	-0.0290962	0.7606057	1	-1.3422295	0.0638445	1
GTF2F2	-0.5220656	0.27684632	1	-0.1645493	0.3911115	1
GTF2H1	-0.7500024	0.06043476	1	0.0455242	0.65881268	1
GTF2H2	0.6620336	0.46220545	1	-0.0046812	0.75621843	1
GTF2H3	-0.6539069	0.84137633	1	-0.8797794	0.28365903	1
GTF2H4	-0.0940769	0.68052236	1	-2.0147387	0.10515972	1
GTF2H5	-0.4362042	0.45194719	1	-2.0098904	0.00076424	1
GTF2I	0.07767151	0.04529702	1	0.39865443	0.02443698	1
GTF2IRD1	2.90765435	0.22904601	1	2.1175557	0.04581003	1
GTF2IRD1-1	-1.6909222	0.67317602	1	-2.2397824	0.28706691	1
GTF3A	-0.5367382	0.86148713	1	-1.8774694	0.00083927	1
GTF3C1	0.30031591	0.24700862	1	0.78586106	0.04527417	1
GTF3C2	-0.6407912	0.6117312	1	0.1988379	0.72140002	1
GTF3C3	0.35256393	0.86384038	1	0.48921656	0.73437212	1
GTF3C4	2.05499741	0.00746886	1	2.29847328	0.00141994	1
GTF3C5	-1.0420788	0.5506235	1	-0.7123899	0.62771855	1
GTF3C6	0.04747751	0.80601313	1	-1.7487196	0.00140625	1
GTPBP1	-1.0109092	0.12066159	1	-0.1502152	0.93393745	1
GTPBP10	-0.3307998	0.56894863	1	-0.3162194	0.12472475	1
GTPBP2	0.70272515	0.20062795	1	0.2982475	0.4468553	1
GTPBP3	0.27443917	1	1	-7.4114279	0.3629285	1
GTPBP4	0.0072745	0.12368715	1	-0.4771089	0.7105176	1
GTPBP6	-0.1511676	0.55033157	1	0.54260906	0.57880472	1
GTPBP8	1.75580274	0.08057562	1	1.0164945	0.47307525	1
GTSCR1	0.27443917	1	1	1.26303441	1	1
GTSE1	0.08465505	0.8146861	1	3.41880297	0.15660079	1
GTSF1	0.27443917	1	1	1.26303441	1	1
GUCA1A	0.27443917	1	1	1.26303441	1	1
GUCA1B	1.31487985	0.28849851	1	1.90793378	0.10490375	1
GUCA1C	0.27443917	1	1	-6.9514458	0.52259551	1
GUCA2A	0.27443917	1	1	1.26303441	1	1
GUCD1	-1.0864774	0.15162532	1	0.24859111	0.88787827	1
GUCY1A1	1.6590395	0.50721408	1	0.35348114	0.83330397	1
GUCY1A2	0.27443917	1	1	-7.8899197	0.3629285	1
GUCY1B1	0.00922801	0.52174859	1	4.25273233	0.04383553	1
GUCY2C	0.27443917	1	1	1.26303441	1	1

GUCY2D	0.27443917	1	1	1.26303441	1	1
GUCY2F	0.27443917	1	1	1.26303441	1	1
GUF1	-1.1112291	0.42969574	1	-0.1609994	0.67997071	1
GUK1	0.42160128	0.47590939	1	-0.732595	0.0542253	1
GULP1	0.27443917	1	1	-8.2229091	0.26373073	1
GUSBA	0.5729907	0.0325257	1	0.01117714	0.33617143	1
GVQW3	-0.8212297	0.26056869	1	2.04229187	0.52223338	1
GXYLT1	-0.1267862	0.82316833	1	0.38294258	0.68370612	1
GXYLT2	0.27443917	1	1	-6.3422478	0.52259551	1
GYG1	-2.1170905	0.15515016	1	-1.7941017	0.05150329	1
GYG2	0.27443917	1	1	-5.8694866	0.52259551	1
GYPA	0.27443917	1	1	1.26303441	1	1
GYPC	0.79261597	0.00083944	1	-0.2872364	0.17832832	1
GYS1	1.15670458	0.20979165	1	3.13392619	0.0041748	1
GYS2	0.27443917	1	1	1.26303441	1	1
GZF1	-0.3559511	0.75245134	1	-0.1446964	0.66986739	1
GZMA	-11.509568	0.02458092	1	-13.511022	0.00084412	1
GZMB	-4.3600534	5.79E-05	1	-6.4226131	1.45E-10	4.01E-06
GZMH	-10.042449	0.04066178	1	-11.864282	0.01082624	1
GZMK	-9.9778003	0.19965135	1	-11.049196	0.02325653	1
GZMM	0.62031793	0.98593976	1	-1.0821202	0.39656753	1
H19	0.27443917	1	1	1.26303441	1	1
H1FX	-1.7638992	0.08953825	1	-3.263966	4.26E-06	0.11769301
H2AFJ	-0.8920378	0.3002633	1	-3.0514341	3.38E-06	0.09322331
H2AFX	-6.7650097	0.36779564	1	-10.839436	0.00303706	1
H2AFY	-0.0230728	0.44514451	1	-0.1650046	0.92140286	1
H2AFY2	0.27443917	1	1	-7.0693905	0.52259551	1
H2AFZ	0.11457632	0.54740059	1	-1.9864198	5.98E-10	1.65E-05
H6PD	0.04433323	0.7964018	1	-1.538944	0.18427076	1
HAAO	-0.0663907	0.82572094	1	-1.0224695	0.47006878	1
HABP2	0.27443917	1	1	1.26303441	1	1
HABP4	0.6573811	0.36347237	1	0.34459243	0.60273337	1
HACD1	-0.7367633	0.86503869	1	0.29642814	0.96635635	1
HACD2	0.69125017	0.05845044	1	0.41590152	0.10273425	1
HACD3	-0.2512656	0.6223166	1	-0.4864754	0.06771146	1
HACD4	-1.6532679	0.14728833	1	-2.5935915	0.00156465	1
HACE1	0.32623755	0.50468548	1	0.18824819	0.46707208	1
HACL1	-0.1709843	0.85304978	1	0.68358908	0.11131349	1
HADH	-0.5437582	0.17092671	1	0.06794146	0.27102125	1
HADHA	-0.683936	0.24909132	1	-0.9486535	0.02855577	1
HADHB	-0.5976222	0.3307906	1	-0.9388604	0.09633316	1
HAGH	-0.8918969	0.4650944	1	-1.6954804	0.00622354	1
HAGHL	0.98869567	0.45738523	1	-2.8779454	0.00893025	1

HAL	-0.4759634	0.8146861	1	-0.822602	0.64249261	1
HAMP	0.27443917	1	1	-3.4307288	0.52259551	1
HAO1	-8.0640064	0.36779564	1	-6.9452227	0.3629285	1
HAP1	0.27443917	1	1	1.26303441	1	1
HAPLN1	0.27443917	1	1	1.26303441	1	1
HAPLN2	0.27443917	1	1	1.26303441	1	1
HAPLN3	0.47758126	0.0527961	1	0.31421035	0.27105964	1
HAPLN4	0.27443917	1	1	1.26303441	1	1
HARBI1	2.91506456	0.22904601	1	1.39586661	0.26938028	1
HARS	-0.4361182	0.99148393	1	-1.001369	0.46510388	1
HARS2	-0.1517465	0.96251788	1	-1.6706406	0.06284869	1
HAS1	0.27443917	1	1	1.26303441	1	1
HAS2	0.27443917	1	1	1.26303441	1	1
HAS3	-1.1842085	0.21765356	1	-0.1238587	0.62449737	1
HASPIN	0.63729167	0.89260809	1	-0.0919138	0.52790957	1
HAT1	-0.5684275	0.4020934	1	-0.7575766	0.07352465	1
HAUS1	-0.2702747	0.25580333	1	0.32171213	0.37033809	1
HAUS2	-1.5161908	0.06676079	1	-0.3740686	0.12935704	1
HAUS3	0.98298998	0.77251117	1	0.56177215	0.96662993	1
HAUS4	-3.1123059	0.24755874	1	-1.8322412	0.17493326	1
HAUS5	-0.4193862	0.94847897	1	-0.7723879	0.57256222	1
HAUS6	-0.9313975	0.49937114	1	-0.1989207	0.73335124	1
HAUS7	-0.7079849	0.64547316	1	-1.528189	0.40077097	1
HAUS8	-0.6023642	0.55025887	1	0.63564374	0.27821562	1
HAVCR1	0.27443917	1	1	1.26303441	1	1
HAVCR2	0.19469798	0.82075644	1	-0.1313969	0.7871712	1
HAX1	-0.3671192	0.71157575	1	-1.1488335	0.03588299	1
HBA	-10.136589	0.36779564	1	-7.2415368	0.52259551	1
HBA1	-10.65318	0.11486391	1	-8.1751628	0.3629285	1
HBB	-8.8797415	0.11486391	1	-8.567707	0.1958879	1
HBE1	0.27443917	1	1	1.26303441	1	1
HBEGF	-0.4447005	0.8146861	1	-2.205667	0.61600544	1
HBG2	0.27443917	1	1	1.26303441	1	1
HBM	0.27443917	1	1	1.26303441	1	1
HBP1	0.27726733	0.38360683	1	-0.1854252	0.30896847	1
HBQ1	0.27443917	1	1	-5.87709	0.52259551	1
HBS1L	-0.086013	0.60313475	1	0.27198288	0.42307074	1
HBZ	0.27443917	1	1	1.26303441	1	1
HCFC1	-0.6803781	0.33663704	1	0.77504425	0.63793577	1
HCFC1R1	-0.6215787	0.80862687	1	-1.1321877	0.16878325	1
HCFC2	-0.3687518	0.85993281	1	0.37324462	0.78061536	1
HCK	-9.8826713	0.02458092	1	-9.8201315	0.03889469	1
HCLS1	-0.0667434	0.8415044	1	-0.3337472	0.18530029	1

HCN1	-1.3554012	0.90231962	1	0.14078558	0.88397598	1
HCN2	8.4320717	0.12052946	1	9.42066694	0.02855238	1
HCN3	8.5371204	0.12052946	1	1.07985179	0.15869376	1
HCN4	0.27443917	1	1	1.26303441	1	1
HCRT	0.27443917	1	1	-6.2074429	0.3629285	1
HCRTR1	6.80268521	0.2752184	1	-1.6591276	0.8895985	1
HCRTR2	0.27443917	1	1	1.26303441	1	1
HCST	0.3529609	0.28741301	1	-2.2293276	5.08E-06	0.14006232
HDAC1	0.49433916	0.49753598	1	-0.4460644	0.15768168	1
HDAC10	0.46145553	0.37012592	1	-0.178555	0.76333454	1
HDAC11	1.60115819	0.12000471	1	3.16656646	0.04189231	1
HDAC2	0.30001667	0.61740853	1	-0.4428926	0.23983664	1
HDAC3	-0.0214358	0.96441077	1	-0.3373617	0.97538735	1
HDAC4	0.02578455	0.64169247	1	1.38034163	0.00792744	1
HDAC5	0.79311543	0.06040256	1	0.59969842	0.26911397	1
HDAC6	1.15051704	0.11270696	1	-0.070537	0.91679482	1
HDAC7	0.97382312	0.02214016	1	0.41121118	0.25664575	1
HDAC8	0.05308109	0.68846529	1	0.73528748	0.10844694	1
HDAC9	-0.3567531	0.86189687	1	0.47541272	0.38928565	1
HDC	0.27443917	1	1	1.26303441	1	1
HDDC2	0.44664281	0.33814895	1	-0.8015543	0.07018579	1
HDDC3	-1.8743144	0.67317602	1	-3.2780851	0.036956	1
HDGF	-0.8879411	0.52537988	1	-1.3766343	0.01169474	1
HDGFL2	0.0781829	0.78204296	1	-1.0084725	0.33908226	1
HDGFL3	0.2629646	0.38121993	1	-0.3470182	0.21332665	1
HDHD2	1.61763223	0.50164502	1	-0.6261454	0.23216352	1
HDHD3	0.27443917	1	1	-3.4115773	0.52259551	1
HDHD5	-0.3814276	0.99148393	1	-0.0490216	0.67080973	1
HDLBP	-0.2031159	0.36503405	1	-0.5427023	0.09779093	1
HDX	-0.1774978	0.85135027	1	1.47228251	0.365771	1
HEATR1	-0.2800095	0.44554985	1	-0.226222	0.8677032	1
HEATR3	-0.580024	0.13529341	1	0.39539602	0.60895328	1
HEATR4	-0.2045963	0.85818915	1	-1.307571	0.32241586	1
HEATR5A	-0.0845015	0.95103985	1	0.89152613	0.06070917	1
HEATR5B	-0.4638779	0.44369933	1	0.49330396	0.25790875	1
HEATR6	-0.3303778	0.93850396	1	0.04071906	0.48012575	1
HEATR9	-0.8361146	0.8136596	1	-0.724598	0.87499084	1
HEBP1	-7.5319407	0.19965135	1	-9.5771532	0.03005553	1
HEBP2	0.49427223	0.52886624	1	-1.4665795	0.02519533	1
HECA	0.13684076	0.26851393	1	0.41823786	0.2534318	1
HECTD1	-0.4798296	0.20329916	1	0.41064035	0.13613714	1
HECTD2	1.30056479	0.23586417	1	0.48687948	0.27378788	1
HECTD3	-0.3494674	0.68052236	1	-1.7620316	0.10593591	1

HECTD4	0.27557302	0.28167669	1	0.61126376	0.00678302	1
HECW1	8.44490916	0.2752184	1	1.32519001	0.8783593	1
HECW2	0.61726391	0.35823471	1	-0.2086484	0.96733542	1
HEG1	-0.5492722	0.05936658	1	0.51088079	0.81788041	1
HELB	-0.1106421	0.88498832	1	-0.1036629	0.90867577	1
HELLS	0.4660178	0.0414028	1	-0.0667859	0.4725933	1
HELQ	-0.7118473	0.3392539	1	-0.0017164	0.98954347	1
HELZ	-0.2032153	0.54554289	1	0.09935396	0.29250015	1
HELZ2	-1.0301869	0.05187561	1	0.33457417	0.7190708	1
HEMGN	0.27443917	1	1	-6.8488	0.52259551	1
HEMK1	0.28404496	0.50316613	1	0.23756367	0.60110437	1
HENMT1	-7.1050095	0.36779564	1	-7.5187679	0.26373073	1
HEPACAM	0.27443917	1	1	1.26303441	1	1
HEPACAM2	1.24456708	0.45738523	1	1.52907918	0.15869376	1
HEPH	7.92434291	0.2752184	1	8.91293814	0.12281968	1
HEPHL1	-8.9649704	0.19965135	1	-7.3241122	0.3629285	1
HERC1	-0.4466297	0.02562677	1	-0.2635692	0.20807577	1
HERC3	-0.0571996	0.79001095	1	0.4762038	0.1096131	1
HERC4	0.12423535	0.7685133	1	0.45550361	0.03013744	1
HERC5	-2.8840223	1.37E-05	0.37737656	-0.6927182	0.16498863	1
HERC6	-2.5543462	2.49E-12	6.88E-08	0.17579747	0.85169876	1
HERPUD1	-0.4551175	0.62788766	1	-1.3646614	0.00031131	1
HERPUD2	0.63584959	0.07840019	1	0.16592298	0.60027387	1
HES1	0.27443917	1	1	1.26303441	1	1
HES2	0.27443917	1	1	1.26303441	1	1
HES3	0.27443917	1	1	1.26303441	1	1
HES4	0.27443917	1	1	1.26303441	1	1
HES6	0.27443917	1	1	1.26303441	1	1
HES7	1.52689319	0.23243735	1	2.4488402	0.13044933	1
HESX1	0.27443917	1	1	1.26303441	1	1
HEXA	1.00117546	0.04932897	1	-0.0413961	0.73139104	1
HEXB	-2.0545772	0.00548815	1	-2.1880637	4.68E-06	0.12920364
HEXD	-0.9845765	0.02194496	1	-0.2131359	0.49571699	1
HEXIM1	0.6131331	0.35733235	1	-1.3042961	0.06803106	1
HEXIM2	8.66246221	0.2752184	1	-0.0686982	0.49978619	1
HEY1	0.27443917	1	1	1.26303441	1	1
HEY2	0.27443917	1	1	1.26303441	1	1
HEYL	0.27443917	1	1	1.26303441	1	1
HFE	2.57297634	0.89260809	1	9.15697035	0.12281968	1
HFM1	0.27443917	1	1	1.26303441	1	1
HGD	-2.1863068	0.40765452	1	-0.5688653	0.85064705	1
HGF	0.27443917	1	1	-6.8066353	0.52259551	1
HGFAC	0.27443917	1	1	1.26303441	1	1

HGH1	-8.6353169	0.19965135	1	-8.8439404	0.1958879	1
HGS	-0.58276	0.76712152	1	0.09747852	0.94126099	1
HGSNAT	-0.2791254	0.45506452	1	0.37579102	0.31786933	1
HHAT	-0.931295	0.39756397	1	1.31849595	0.06944756	1
HHATL	0.27443917	1	1	1.26303441	1	1
HHEX	-0.189132	0.37292218	1	-0.0243884	0.78058131	1
HHIP	0.27443917	1	1	1.26303441	1	1
HHIPL1	-5.7150445	0.36779564	1	-5.4974916	0.52259551	1
HHIPL2	0.27443917	1	1	1.26303441	1	1
HHLA1	0.27443917	1	1	1.26303441	1	1
HHLA2	0.27443917	1	1	1.26303441	1	1
HHLA3	0.27443917	1	1	-6.6931447	0.52259551	1
HIBADH	-0.2033699	0.49705821	1	0.14184278	0.92496601	1
HIBCH	0.39493867	0.11081178	1	0.38811356	0.45349439	1
HIC1	2.45365514	0.22904601	1	1.12005435	0.26719484	1
HIC2	-1.2289802	0.3017265	1	-0.7401613	0.55198471	1
HID1	0.27443917	1	1	1.26303441	1	1
HIF1A	-0.5218968	0.55758749	1	-0.1065496	0.90174281	1
HIF1AN	-1.2126499	0.25556407	1	-1.2162052	0.08431215	1
HIF3A	0.27443917	1	1	1.26303441	1	1
HIGD1A	1.51413001	0.1862645	1	0.57679538	0.97357851	1
HIGD1B	0.27443917	1	1	-9.3024276	0.11188911	1
HIGD1C	0.27443917	1	1	-8.4840733	0.26373073	1
HIGD2A	-1.5787205	0.30940482	1	-2.9720328	0.0005103	1
HIKESHI	0.7793385	0.24383508	1	-1.3078062	0.00240247	1
HILPDA	0.27443917	1	1	-8.8126899	0.1958879	1
HINFP	-0.3020219	0.51668413	1	0.29792566	0.79879677	1
HINT1	-0.1542394	0.48958199	1	-2.2307039	2.63E-11	7.25E-07
HINT2	1.6551974	0.72076199	1	-1.1376923	0.03978844	1
HINT3	0.01666491	0.97871194	1	0.45476798	0.96715452	1
HIP1	0.51400501	0.03587571	1	0.47290307	0.05322843	1
HIP1R	-0.2687431	0.9833731	1	0.07285689	0.54971239	1
HIPK1	-0.3731501	0.94940799	1	0.13099953	0.54251365	1
HIPK2	0.28278352	0.1413492	1	0.439588	0.06609953	1
HIPK3	0.04688768	0.86281603	1	0.04875475	0.66654819	1
HIPK4	-9.9611601	0.19965135	1	-4.2369282	0.52259551	1
HIRA	-0.5778506	0.59576203	1	0.47568734	0.05323843	1
HIRIP3	-1.346119	0.32015878	1	-0.9445871	0.59686937	1
HIST1H1A	0.27443917	1	1	-7.3444661	0.3629285	1
HIST1H1B	-0.9937361	0.68052236	1	-0.2646705	0.49978619	1
HIST1H1D	0.03266479	0.96720032	1	-1.5887966	0.0148266	1
HIST1H1T	0.27443917	1	1	1.26303441	1	1
HIST1H2AC	-0.1940929	0.31554843	1	-0.4585104	0.23523096	1

HIST1H2AD	0.76378988	0.89260809	1	-1.5158648	0.48702665	1
HIST1H2AE	0.27443917	1	1	-7.6489606	0.1958879	1
HIST1H2AJ	0.27443917	1	1	1.26303441	1	1
HIST1H2AK	0.27443917	1	1	1.26303441	1	1
HIST1H2BD	0.27443917	1	1	1.26303441	1	1
HIST1H2BH	-10.237804	0.06784723	1	-9.4539288	0.08544191	1
HIST1H2BJ	-0.9310488	0.95743902	1	0.25086212	0.35142468	1
HIST1H2BK	0.33499827	0.26061158	1	-0.0111558	0.94498433	1
HIST1H2BM	9.40725246	0.12052946	1	10.3958477	0.02855238	1
HIST1H2BO	0.27443917	1	1	1.26303441	1	1
HIST1H3D	8.03370604	0.2752184	1	0.20506478	0.85064705	1
HIST2H2AB	8.29977845	0.12052946	1	-0.4811196	0.96262077	1
HIST2H2AC	0.7086665	0.60647011	1	-1.3884203	4.11E-05	1
HIST2H3A	-2.9344132	0.15491715	1	-2.2325891	0.28706691	1
HIST3H2A	0.27443917	1	1	1.26303441	1	1
HIST3H2BB	-7.579236	0.36779564	1	1.26303441	1	1
HIVEP1	-0.3360343	0.2287247	1	0.52691385	0.07430992	1
HIVEP2	0.09505794	0.54003335	1	0.78699872	0.010988	1
HIVEP3	-0.2031295	0.96971654	1	1.21830104	0.01109736	1
HJURP	-2.1257449	0.41260835	1	8.63632542	0.12281968	1
HJV	0.27443917	1	1	1.26303441	1	1
HK1	-0.1144769	0.4894725	1	0.11794359	0.90471267	1
HK2	1.56016687	0.50164502	1	0.42299545	0.89382167	1
HK3	-2.8100937	0.15700157	1	-2.9782455	0.07956777	1
HKDC1	0.27443917	1	1	1.26303441	1	1
HLCS	0.12976869	0.16639911	1	0.45798414	0.16483708	1
HLF	-0.0044788	0.20240958	1	-0.0216073	0.38375113	1
HLTF	0.10279993	0.94178565	1	-0.636672	0.25774214	1
HLX	-9.4114595	0.11486391	1	-7.9934788	0.3629285	1
HM13	0.17790363	0.4099214	1	-0.1115991	0.7874018	1
HMBOX1	0.34395091	0.41235059	1	0.83567191	0.02396173	1
HMBS	2.18027075	0.12000471	1	1.14741361	0.20220355	1
HMCES	-0.0346897	0.96460462	1	-0.0767815	0.95720671	1
HMCN1	0.27443917	1	1	1.26303441	1	1
HMCN2	0.92992313	0.89260809	1	8.99834724	0.12281968	1
HMG20A	0.77261105	0.08876441	1	-0.002941	0.66691949	1
HMG20B	1.98206147	0.08561293	1	-0.9365789	0.13282623	1
HMGA1	0.06557332	0.85135027	1	-3.263877	0.00042999	1
HMGA2	0.27443917	1	1	1.26303441	1	1
HMGB1	0.58164251	0.04979235	1	-0.7875294	0.00024697	1
HMGB2	0.39238667	0.3620899	1	-0.1779923	0.38532575	1
HMGB3	2.20533531	0.89260809	1	-1.7993608	0.28905906	1
HMGCL	1.19962362	0.33313202	1	0.0747167	0.80755207	1

HMGCLL1	0.27443917	1	1	1.26303441	1	1
HMGCR	0.17716582	0.20549744	1	-0.1800372	0.34558984	1
HMGCS1	0.58308228	0.13611073	1	-0.0773161	0.94833236	1
HMGCS2	0.27443917	1	1	1.26303441	1	1
HMGN1	0.73940677	0.0495597	1	-0.199679	0.24481262	1
HMGN2	-0.3558399	0.94207039	1	-1.0559815	0.07133458	1
HMGN3	0.99602954	0.11560614	1	-0.5436284	0.12582735	1
HMGN4	0.87236935	0.29504147	1	-1.1188566	0.15953484	1
HMGN5	-1.6022825	0.68052236	1	-1.1979171	0.49019995	1
HMGXB3	-0.8277424	0.23104274	1	-0.2728292	0.48286729	1
HMGXB4	-0.6032579	0.31026838	1	-0.213315	0.38931418	1
HMMR	-5.3209596	0.36779564	1	-3.7413079	0.52259551	1
HMOX1	-0.3521589	0.90231962	1	-1.5688647	0.29106049	1
HMOX2	-0.4061805	0.66088652	1	-0.8319368	0.06203843	1
HMX1	0.27443917	1	1	1.26303441	1	1
HNF1A	-8.3316009	0.36779564	1	1.26303441	1	1
HNF1B	0.27443917	1	1	-7.0180959	0.52259551	1
HNF4A	-7.4703458	0.36779564	1	1.26303441	1	1
HNF4G	-1.7086891	0.67317602	1	0.25944073	0.52790957	1
HNMT	0.27443917	1	1	-8.2965523	0.08544191	1
HNRNPA0	-0.2468204	0.82807515	1	-1.5967529	0.01781388	1
HNRNPA1	0.43751907	0.58659768	1	-0.6143756	0.00590153	1
HNRNPA1L2	7.10225734	0.2752184	1	0.87152355	0.52790957	1
HNRNPA2B1	0.09914801	0.77670268	1	-0.346633	0.00955641	1
HNRNPA3	0.205642	0.28373964	1	-0.5845051	0.04050394	1
HNRNPAB	0.18845519	0.50077478	1	-1.004435	0.00848103	1
HNRNPC	0.08001585	0.46672494	1	0.29925848	0.01646527	1
HNRNPD	-0.1873499	0.62224799	1	-0.1351023	0.69738692	1
HNRNPDL	0.2326103	0.12673028	1	-0.1622554	0.68147164	1
HNRNPF	0.15671474	0.63755892	1	-0.5519334	0.00456077	1
HNRNPH1	-0.2883974	0.15452737	1	-0.1656819	0.58709879	1
HNRNPH2	0.33628618	0.35452379	1	0.08105496	0.80379674	1
HNRNPH3	-0.5877878	0.17285512	1	-0.3102191	0.06852448	1
HNRNPK	0.14112062	0.7330187	1	-0.8069093	0.00048123	1
HNRNPL	0.52858307	0.14867462	1	0.29341229	0.54153192	1
HNRNPLL	-1.0271788	0.41009505	1	-0.8829116	0.12623096	1
HNRNPM	0.17566864	0.41506425	1	0.22205372	0.69292764	1
HNRNPR	-0.4502594	0.36387889	1	-0.8270387	0.02284059	1
HNRNPU	0.10972549	0.29616199	1	-0.1870136	0.65362771	1
HNRNPUL1	-0.4504217	0.67543285	1	-0.2492382	0.49867532	1
HNRNPUL2	-0.53904	0.50991486	1	-0.9334144	0.06894178	1
HOGA1	0.27443917	1	1	1.26303441	1	1
HOMER1	-2.6846699	0.15176588	1	-1.4268006	0.50449606	1

HOMER2	0.21847972	0.64680048	1	1.63827005	0.01138643	1
HOMER3	1.06020563	0.89260809	1	-1.0427104	0.8895985	1
HOMEZ	-1.1967712	0.68052236	1	-1.7721452	0.17493326	1
HOOK1	0.27760303	0.75870978	1	2.05363751	0.13820024	1
HOOK2	0.27443917	1	1	-7.3974347	0.52259551	1
HOOK3	-0.5085208	0.02457125	1	-0.1778482	0.25231059	1
HOPX	-0.6932215	0.24422027	1	-2.9330898	2.95E-12	8.14E-08
HORMAD1	9.08574801	0.2752184	1	10.0743432	0.12281968	1
HORMAD2	-0.3107652	0.90231962	1	-2.972651	0.22222204	1
HOXA10	0.27443917	1	1	1.26303441	1	1
HOXA2	0.27443917	1	1	1.26303441	1	1
HOXA3	0.27443917	1	1	-6.0410675	0.52259551	1
HOXA4	0.27443917	1	1	1.26303441	1	1
HOXA5	0.27443917	1	1	1.26303441	1	1
HOXA6	0.27443917	1	1	1.26303441	1	1
HOXA7	0.27443917	1	1	1.26303441	1	1
HOXA9	0.27443917	1	1	1.26303441	1	1
HOXB2	0.27443917	1	1	1.26303441	1	1
HOXB3	-6.3243319	0.36779564	1	1.26303441	1	1
HOXB4	0.27443917	1	1	1.26303441	1	1
HOXB5	0.27443917	1	1	1.26303441	1	1
HOXB6	0.27443917	1	1	1.26303441	1	1
HOXB7	0.27443917	1	1	-5.8384965	0.52259551	1
HOXC4	0.27443917	1	1	-5.3653543	0.52259551	1
HOXC5	0.27443917	1	1	-5.3789862	0.52259551	1
HOXD3	0.27443917	1	1	1.26303441	1	1
HP	0.27443917	1	1	1.26303441	1	1
HP1BP3	0.25779484	0.43238753	1	-0.1153776	0.56552399	1
HPCA	0.27443917	1	1	1.26303441	1	1
HPCAL1	0.614364	0.06101826	1	0.5423856	0.0941873	1
HPCAL4	0.27443917	1	1	1.26303441	1	1
HPD	-8.4173137	0.11486391	1	-3.4115773	0.52259551	1
HPDL	0.27443917	1	1	1.26303441	1	1
HPGD	-11.015491	0.04066178	1	-7.6968544	0.3629285	1
HPGDS	-1.5902202	0.67317602	1	0.64117581	0.52790957	1
HPN	-0.7971682	0.68052236	1	9.2274112	0.12281968	1
HPRT1	-1.5831844	0.19117686	1	-2.66562	0.00276559	1
HPS1	0.21812525	0.71743092	1	0.28143476	0.78193761	1
HPS3	-0.6029771	0.22481726	1	-0.5614592	0.16499027	1
HPS4	-1.0812432	0.69222308	1	-0.7415496	0.65233823	1
HPS5	-0.2102933	0.82920267	1	0.41451957	0.65247834	1
HPS6	-5.7150445	0.36779564	1	-9.008049	0.03889469	1
HPSE	1.40581061	0.09255786	1	-0.6904138	0.44145295	1

HPSE2	-1.871252	0.67317602	1	7.95902748	0.12281968	1
HPX	7.69213392	0.2752184	1	8.68072916	0.12281968	1
HR	0.27443917	1	1	1.26303441	1	1
HRAS	-9.6818726	0.06784723	1	-10.221461	0.01082624	1
HRC	0.27443917	1	1	1.26303441	1	1
HRG	0.27443917	1	1	1.26303441	1	1
HRH1	-8.0171578	0.11486391	1	-9.1003354	0.1958879	1
HRH2	-1.0813906	0.90231962	1	8.66593457	0.12281968	1
HRH4	-1.7384454	0.86503869	1	1.16337537	0.15869376	1
HRK	0.27443917	1	1	1.26303441	1	1
HRNR	0.27443917	1	1	1.26303441	1	1
HS1BP3	-8.7185622	0.11486391	1	-9.4874354	0.08544191	1
HS2ST1	-0.4817965	0.4523227	1	-0.3588216	0.7802261	1
HS3ST1	-7.8099251	0.36779564	1	1.26303441	1	1
HS3ST2	0.27443917	1	1	1.26303441	1	1
HS3ST3A1	0.27443917	1	1	1.26303441	1	1
HS3ST4	0.27443917	1	1	1.26303441	1	1
HS3ST5	0.27443917	1	1	1.26303441	1	1
HS3ST6	0.27443917	1	1	1.26303441	1	1
HS6ST1	0.41827002	0.28519495	1	0.8326758	0.49474406	1
HS6ST2	-5.4928051	0.36779564	1	-6.7322317	0.3629285	1
HS6ST3	-5.9776946	0.36779564	1	1.26303441	1	1
HSBP1	-2.4810798	0.00168406	1	-3.267587	2.30E-05	0.6351689
HSBP1L1	0.34966376	0.32902818	1	-0.756464	0.23387164	1
HSCB	-0.493419	0.71157575	1	-0.7418705	0.21493573	1
HSD11B1	0.27443917	1	1	1.26303441	1	1
HSD11B1L	-0.6895303	0.95315705	1	0.20813169	0.95862757	1
HSD11B2	7.69335343	0.2752184	1	-0.2582066	0.52790957	1
HSD17B1	-1.1771476	0.85135027	1	4.45750278	0.15452883	1
HSD17B10	0.92903624	0.81353247	1	-2.406018	0.00097863	1
HSD17B11	-0.8772452	0.23741947	1	-0.7262884	0.05207692	1
HSD17B12	0.87586765	0.0777024	1	0.48195571	0.23300369	1
HSD17B13	-0.7415897	0.68052236	1	-1.6644672	0.29106049	1
HSD17B14	0.27443917	1	1	-8.1432674	0.3629285	1
HSD17B2	0.27443917	1	1	-7.0606364	0.52259551	1
HSD17B3	-5.9776946	0.36779564	1	-7.9167916	0.26373073	1
HSD17B4	-0.0889648	0.75363142	1	-0.0558764	0.42067895	1
HSD17B6	0.59130347	0.24859104	1	-0.035664	0.81589647	1
HSD17B8	-8.1405582	0.19965135	1	-10.549635	0.00651331	1
HSD3B7	0.27443917	1	1	1.26303441	1	1
HSDL1	-1.0986868	0.37062913	1	-1.2940701	0.26113503	1
HSDL2	-0.8028593	0.50359406	1	0.02299856	0.7449406	1
HSF1	0.18443188	0.39748397	1	-0.3633207	0.61811971	1

HSF2	0.77470389	0.07658249	1	0.80167415	0.11949248	1
HSF2BP	1.23867112	0.45738523	1	1.01432031	0.82202434	1
HSF4	0.27443917	1	1	-6.1297678	0.52259551	1
HSF5	1.06568703	0.68789913	1	2.94928361	0.8783593	1
HSFX3	0.27443917	1	1	1.26303441	1	1
HSH2D	-1.047688	0.07640034	1	-0.1220924	0.81187038	1
HSP90AA1	-0.7131961	0.06329028	1	-1.9799044	8.98E-20	2.48E-15
HSP90AB1	-0.3613308	0.17934756	1	-1.4522261	8.60E-13	2.37E-08
HSP90B1	-0.4439946	0.11393631	1	-1.5401717	2.15E-06	0.05929744
HSPA12A	8.76707513	0.2752184	1	0.02786207	0.88397598	1
HSPA12B	0.27443917	1	1	-6.9123974	0.52259551	1
HSPA13	-1.0893016	0.16209018	1	-1.908834	0.0648934	1
HSPA14	-0.4780579	0.5517368	1	-0.7496324	0.03374756	1
HSPA1A	-1.5340694	0.21965172	1	-2.4288742	0.00023259	1
HSPA2	-0.5455032	0.80862687	1	-0.7607712	0.51460656	1
HSPA4	-0.2011714	0.64424338	1	0.0475312	0.62736412	1
HSPA4L	2.66736133	0.08337297	1	2.4615179	0.16220195	1
HSPA5	0.32095823	0.97087321	1	-0.4291545	0.01706691	1
HSPA6	0.27443917	1	1	1.26303441	1	1
HSPA8	-0.2738061	0.39411024	1	-1.7241567	7.10E-12	1.96E-07
HSPA9	-0.2278789	0.58538775	1	-0.3793074	0.26403508	1
HSPB1	-7.7742256	0.36779564	1	-6.9259832	0.3629285	1
HSPB11	-0.2823588	0.79002376	1	-0.8866323	0.23881527	1
HSPB2	0.27443917	1	1	1.26303441	1	1
HSPB6	0.27443917	1	1	1.26303441	1	1
HSPB8	0.27443917	1	1	1.26303441	1	1
HSPB9	0.27443917	1	1	1.26303441	1	1
HSPBAP1	-0.6193578	0.90305986	1	-0.5335751	0.70907126	1
HSPBP1	0.17714657	0.97188389	1	-0.5358771	0.24501678	1
HSPD1	0.2479785	0.4016779	1	-0.5261954	0.17280989	1
HSPE1	-1.0081943	0.99632142	1	-3.3800872	8.91E-11	2.46E-06
HSPG2	0.27443917	1	1	-5.3327267	0.52259551	1
HSPH1	-1.0209564	0.12824205	1	-1.3728202	0.00014886	1
HTATIP2	0.71254803	0.91023596	1	1.25186563	0.8908492	1
HTATSF1	0.90723911	0.44452693	1	-0.5187927	0.08035375	1
HTR1D	0.27443917	1	1	1.26303441	1	1
HTR1E	0.27443917	1	1	1.26303441	1	1
HTR1F	-1.0597942	0.3109104	1	-1.0306787	0.50971733	1
HTR2A	8.009752	0.2752184	1	8.99834724	0.12281968	1
HTR2B	-0.9298005	0.68052236	1	-1.585317	0.29106049	1
HTR2C	7.14873999	0.2752184	1	8.13733522	0.12281968	1
HTR3B	0.27443917	1	1	1.26303441	1	1
HTR3E	0.27443917	1	1	1.26303441	1	1

HTR4	-7.9687093	0.19965135	1	-7.1649345	0.52259551	1
HTR5A	0.27443917	1	1	1.26303441	1	1
HTR6	0.27443917	1	1	1.26303441	1	1
HTR7	0.27443917	1	1	1.26303441	1	1
HTRA1	0.27443917	1	1	-7.0846484	0.3629285	1
HTRA2	-2.0477805	0.10351848	1	-1.478612	0.25674539	1
HTRA4	0.07268143	0.7961261	1	0.64808276	0.63704202	1
HTT	-0.2864978	0.81036203	1	0.03846093	0.61300189	1
HUNK	-0.4410509	0.4226224	1	-1.569565	0.28905906	1
HUS1	0.25345315	0.87907301	1	1.16386955	0.08568766	1
HUS1B	0.27443917	1	1	-7.3520012	0.3629285	1
HUWE1	-0.1229957	0.48181775	1	0.18116073	0.83871699	1
HVCN1	-1.2517822	0.0386642	1	-1.6211597	0.00712073	1
HYAL1	0.27443917	1	1	1.26303441	1	1
HYAL2	-5.3209596	0.36779564	1	-5.3820756	0.26373073	1
HYAL3	-7.7213779	0.36779564	1	-6.7302273	0.52259551	1
HYAL4	0.27443917	1	1	1.26303441	1	1
HYDIN	-2.4177433	0.35317179	1	-1.1416277	0.94768746	1
HYI	0.23900691	0.62614415	1	-0.7011111	0.22072364	1
HYKK	0.27443917	1	1	1.26303441	1	1
HYLS1	0.10483278	0.4226224	1	-1.6951418	0.13603278	1
HYOU1	0.3427876	0.36583013	1	0.6459962	0.46383439	1
HYPK	0.34177113	0.48820674	1	-2.8725474	3.12E-06	0.08618693
IAH1	0.84220535	0.35934345	1	-0.4085008	0.28479629	1
IAPP	0.27443917	1	1	1.26303441	1	1
IARS	-0.1466489	0.67006837	1	0.65183346	0.1236644	1
IARS2	-0.3559763	0.80504305	1	0.01222324	0.89954534	1
IBA57	-1.8482237	0.90231962	1	-1.542814	0.37701669	1
IBSP	0.27443917	1	1	1.26303441	1	1
IBTK	-0.0578608	0.47537505	1	0.00032144	0.29819208	1
ICA1	-1.9502911	0.41260835	1	-2.172801	0.63637252	1
ICA1L	-3.8310251	0.15081145	1	-3.2576601	0.36947031	1
ICAM1	1.19163312	0.45738523	1	0.20141336	0.97009268	1
ICAM2	0.17339663	0.39232746	1	-0.4012202	0.5685334	1
ICAM3	-0.7039184	0.75344956	1	-2.3212968	0.00096666	1
ICAM4	0.27443917	1	1	-4.560591	0.3629285	1
ICAM5	7.33858656	0.2752184	1	8.3271818	0.12281968	1
ICE1	-0.5867089	0.31125616	1	-0.0041749	0.82024154	1
ICE2	-0.3427154	0.96101889	1	-0.212571	0.76071873	1
ICK	-0.4782944	0.52087177	1	0.41465964	0.77312498	1
ICMT	1.57733186	0.45132853	1	-1.3433764	0.25674539	1
ICOS	-0.1033339	0.26289416	1	-0.312469	0.53008085	1
ICOSLG	-10.238221	0.02458092	1	-9.4042533	0.05042498	1

ID1	0.27443917	1	1	1.26303441	1	1
ID2	-0.3889928	0.58006707	1	-1.4989462	1.65E-07	0.00454993
ID3	-7.8095365	0.36779564	1	-11.149989	0.00651331	1
ID4	0.27443917	1	1	1.26303441	1	1
IDE	0.3082757	0.72276553	1	0.54634868	0.51852185	1
IDH1	0.07860432	0.51910898	1	0.18430812	0.95998577	1
IDH2	0.34238904	0.79776964	1	-1.3386377	0.00430195	1
IDH3A	-0.0410539	0.89617347	1	-0.343957	0.50443729	1
IDH3B	-3.0735978	0.15700157	1	-4.273012	0.00226601	1
IDH3G	-1.4956974	0.67317602	1	-3.098884	0.00849897	1
IDI1	0.58181029	0.16869055	1	0.09186131	0.74419323	1
IDNK	0.79089154	0.68885272	1	0.47841071	0.76207875	1
IDO1	-10.247577	0.06784723	1	-9.7324639	0.05042498	1
IDO2	-7.4703458	0.36779564	1	-7.9152336	0.1474095	1
IDS	-0.5634822	0.48075156	1	-0.251836	0.47920848	1
IDUA	0.09298741	0.38861244	1	-0.0869568	0.61094938	1
IER2	1.43929431	0.02990902	1	-0.6542848	0.00218722	1
IER3	-2.5572076	0.40765452	1	-1.4987886	0.17618857	1
IER3IP1	0.54640986	0.77071282	1	-1.1592402	0.00058271	1
IER5	0.24758917	0.53587411	1	-1.7484815	0.03616081	1
IER5L	-0.2574247	0.83021289	1	-1.8765189	0.16709442	1
IFFO1	-0.2793542	0.60390614	1	0.21851582	0.85219499	1
IFFO2	0.8433373	0.16441051	1	1.24593017	0.01643777	1
IFI16	-0.8138017	0.00011213	1	-0.0856822	0.83869386	1
IFI27	-13.040503	3.32E-07	0.00917158	-12.416697	0.00010458	1
IFI27L2	0.02443192	0.98451532	1	-2.128759	5.19E-09	0.00014314
IFI30	-1.8748908	0.02741032	1	-2.8333787	5.70E-06	0.1572617
IFI35	-1.0239048	0.33302617	1	-0.9653928	0.33805761	1
IFI44	-2.5938148	0.00073496	1	-0.5043248	0.12866128	1
IFI44L	-12.048495	0.0020748	1	-8.8125577	0.11188911	1
IFI6	-3.709949	4.54E-17	1.25E-12	-1.7412346	0.00108332	1
IFIH1	-1.0023366	0.06499548	1	0.46841997	0.89259503	1
IFIT1	-3.1353159	0.00207159	1	-1.8459081	0.17493326	1
IFIT2	-2.7002565	0.00067756	1	-0.9749664	0.19340051	1
IFIT3	-2.3786569	0.0063031	1	-0.6309295	0.50135709	1
IFIT5	-1.6211183	0.29957348	1	0.18873792	0.73752954	1
IFITM10	1.59104525	0.45132853	1	0.06181208	0.78379585	1
IFNAR1	0.17202605	0.78490208	1	-0.2065168	0.92342697	1
IFNAR2	-0.0541709	0.54537983	1	0.32037418	0.37111591	1
IFNB1	0.27443917	1	1	1.26303441	1	1
IFNE	0.27443917	1	1	1.26303441	1	1
IFNG	-0.9596102	0.41759769	1	0.43469925	0.85548905	1
IFNGR1	-0.0638994	0.82802994	1	-0.3844777	0.85844108	1

IFNGR2	0.22349196	0.29382247	1	-0.4378205	0.43829322	1
IFNK	0.27443917	1	1	1.26303441	1	1
IFNL1	0.27443917	1	1	-8.4695069	0.26373073	1
IFNLR1	0.06394067	0.33674246	1	1.87919471	0.95133243	1
IFRD1	-0.842238	0.63965717	1	-0.6894872	0.19781331	1
IFRD2	-0.5830261	0.8146861	1	-2.4639941	0.03793555	1
IFT140	0.1581931	0.70324665	1	1.09521176	0.25972602	1
IFT172	0.4892526	0.52473907	1	0.85617187	0.3505206	1
IFT20	-2.9135941	0.09337636	1	-3.671636	0.00230337	1
IFT22	-7.979308	0.36779564	1	-9.0572649	0.1474095	1
IFT27	-8.2889428	0.19965135	1	-9.229722	0.1474095	1
IFT43	0.15249496	0.53302764	1	-0.0551902	0.9373106	1
IFT46	-1.3488323	0.36009138	1	-1.1684256	0.25966609	1
IFT52	-0.5357382	0.62663307	1	-0.5920767	0.31601838	1
IFT57	-0.0395397	0.85827823	1	-0.6428683	0.68961778	1
IFT74	0.75411212	0.17531851	1	0.69015489	0.34112392	1
IFT80	-0.655939	0.16914684	1	-0.4878407	0.36638572	1
IFT81	-0.7235442	0.41759769	1	0.46143993	0.85548905	1
IFT88	-0.3879772	0.20539252	1	0.01157397	0.81170743	1
IGBP1	-0.791391	0.4309009	1	-1.5246432	0.00021458	1
IGDCC3	0.27443917	1	1	-7.0180959	0.52259551	1
IGDCC4	0.27443917	1	1	-6.1904564	0.52259551	1
IGF1	-2.9052545	0.0579345	1	-2.4980209	0.28508405	1
IGF1R	1.01000081	0.24901296	1	0.00417	0.50127038	1
IGF2	0.27443917	1	1	1.26303441	1	1
IGF2BP1	-8.0902342	0.36779564	1	1.26303441	1	1
IGF2BP2	-1.1213504	0.83021289	1	3.62057326	0.04448556	1
IGF2BP3	-0.0833147	0.8146861	1	2.2121008	0.15660079	1
IGF2R	-0.7608119	0.14885816	1	-0.2991181	0.33646964	1
IGFALS	0.27443917	1	1	1.26303441	1	1
IGFBP1	0.27443917	1	1	1.26303441	1	1
IGFBP2	8.29532031	0.2752184	1	0.02601269	0.85548905	1
IGFBP3	0.27443917	1	1	-7.1261785	0.3629285	1
IGFBP4	0.09639297	0.90231962	1	-0.5939607	0.64428388	1
IGFBP5	-9.3399467	0.11486391	1	-7.6592356	0.52259551	1
IGFBP6	0.53224705	0.89260809	1	-0.5092938	0.49657976	1
IGFBP7	9.85952799	0.2752184	1	1.77216952	0.8783593	1
IGFBPL1	8.1751968	0.2752184	1	9.16379203	0.12281968	1
IGFL1	0.27443917	1	1	1.26303441	1	1
IGFL3	0.27443917	1	1	1.26303441	1	1
IGFL4	0.27443917	1	1	-6.6820334	0.3629285	1
IGFLR1	-0.1265748	0.58264852	1	-0.7964427	0.14670659	1
IGFN1	0.27443917	1	1	1.26303441	1	1

IGHMBP2	-1.0701446	0.5180996	1	-0.6484261	0.50874929	1
IGIP	-9.4639928	0.19965135	1	-7.1246723	0.3629285	1
IGLON5	-7.1603244	0.19965135	1	-7.1264306	0.52259551	1
IGSF1	0.27443917	1	1	1.26303441	1	1
IGSF10	0.27443917	1	1	1.26303441	1	1
IGSF11	0.27443917	1	1	1.26303441	1	1
IGSF21	0.27443917	1	1	-6.1889573	0.52259551	1
IGSF22	0.27443917	1	1	-3.7413079	0.52259551	1
IGSF23	0.27443917	1	1	-7.0606364	0.52259551	1
IGSF3	0.27443917	1	1	1.26303441	1	1
IGSF5	0.27443917	1	1	1.26303441	1	1
IGSF6	-3.236118	0.02170799	1	-4.1164965	0.00013493	1
IGSF8	-7.8323513	0.19965135	1	-9.8920344	0.03005553	1
IGSF9	0.27443917	1	1	-6.6867618	0.52259551	1
IGSF9B	0.27443917	1	1	-8.4787161	0.3629285	1
IHH	0.27443917	1	1	1.26303441	1	1
IK	-0.3751893	0.81561012	1	-0.6180636	0.0825011	1
IKBIP	-0.5492415	0.85993281	1	-0.5550332	0.34361842	1
IKBKB	-0.1095073	0.65757136	1	0.35725925	0.61811971	1
IKBKE	0.40487749	0.19375976	1	1.05568124	0.04571776	1
IKBKG	0.55164829	0.31976286	1	0.18383025	0.88424361	1
IKZF1	0.18814654	0.13198582	1	0.43493105	0.00085885	1
IKZF2	0.2874737	0.37756609	1	0.52159949	0.02015386	1
IKZF3	-0.7374612	0.09557964	1	-0.2869018	0.16473551	1
IKZF4	-7.8239868	0.36779564	1	-7.8905018	0.26373073	1
IKZF5	0.72738546	0.1274725	1	0.40251475	0.38474702	1
IL10	0.27443917	1	1	1.26303441	1	1
IL10RA	-0.3176473	0.45477932	1	0.08132242	0.90988068	1
IL10RB	-0.3412574	0.24490952	1	-0.9510854	0.00034072	1
IL11	8.95038469	0.2752184	1	9.93897993	0.12281968	1
IL11RA	-0.7536404	0.40245486	1	-0.0392717	0.92814858	1
IL12B	0.27443917	1	1	1.26303441	1	1
IL12RB1	-0.7669138	0.30870737	1	1.53119824	0.16291404	1
IL12RB2	-0.8486433	0.00238103	1	-0.0539747	0.0262483	1
IL13	6.80268521	0.2752184	1	7.79128045	0.12281968	1
IL13RA1	0.18102869	0.97188389	1	0.19804128	0.45187966	1
IL13RA2	-8.5981645	0.36779564	1	1.26303441	1	1
IL15	-0.3296525	0.20751329	1	-0.9043153	0.10474794	1
IL15RA	-0.2755534	0.91732908	1	-0.1736408	0.68109338	1
IL16	0.58529903	0.24383508	1	-0.4709363	0.34645517	1
IL17A	0.27443917	1	1	1.26303441	1	1
IL17B	0.27443917	1	1	1.26303441	1	1
IL17D	-0.3624125	0.4699655	1	-0.2402705	0.61381865	1

IL17F	0.27443917	1	1	1.26303441	1	1
IL17RA	0.95629704	0.01983152	1	-0.0345005	0.22354225	1
IL17RB	0.27443917	1	1	-8.2796008	0.26373073	1
IL17RC	-0.1732012	0.68789913	1	8.39675328	0.12281968	1
IL17RD	-5.7150445	0.36779564	1	1.26303441	1	1
IL17RE	0.25950064	0.68789913	1	-0.9863079	0.29509127	1
IL17REL	0.27443917	1	1	1.26303441	1	1
IL18	-1.1313045	0.79156558	1	-1.0624241	0.36496614	1
IL18BP	-0.5052802	0.80601313	1	0.68342912	0.45793728	1
IL18R1	-0.2883508	0.6623625	1	0.27957885	0.87534707	1
IL18RAP	-0.0117379	0.97083838	1	0.35840304	0.60747733	1
IL19	7.45795187	0.2752184	1	8.44654711	0.12281968	1
IL1A	-5.7676125	0.36779564	1	-9.0221731	0.11188911	1
IL1B	0.27443917	1	1	-10.311273	0.03889469	1
IL1R1	1.27082641	0.24020672	1	0.23410587	0.10430893	1
IL1R2	0.27230467	0.90231962	1	2.1087109	0.52223338	1
IL1RAP	1.20227949	0.10978336	1	0.87324521	0.53224331	1
IL1RAPL1	8.05743846	0.2752184	1	-0.8543785	0.64428388	1
IL1RAPL2	-7.2570421	0.19965135	1	-5.9107899	0.52259551	1
IL1RL1	-0.1111694	0.68052236	1	10.5851751	0.12281968	1
IL1RL2	0.27443917	1	1	1.26303441	1	1
IL1RN	-8.3259832	0.19965135	1	-8.993655	0.1958879	1
IL2	0.27443917	1	1	-7.6214983	0.3629285	1
IL20	0.27443917	1	1	1.26303441	1	1
IL20RA	-0.5195582	0.68052236	1	-0.3555303	0.88397598	1
IL20RB	-0.6475223	0.8146861	1	-0.9905478	0.61483126	1
IL21	0.27443917	1	1	1.26303441	1	1
IL21R	0.91075204	0.3670019	1	1.08850931	0.05171385	1
IL22	0.27443917	1	1	1.26303441	1	1
IL22RA1	0.27443917	1	1	1.26303441	1	1
IL22RA2	0.27443917	1	1	1.26303441	1	1
IL23A	8.29532031	0.2752184	1	0.90026291	0.85548905	1
IL23R	0.05696941	0.65949138	1	-0.4903191	0.36711021	1
IL24	0.27443917	1	1	1.26303441	1	1
IL26	0.27443917	1	1	-5.5899638	0.52259551	1
IL27	-8.1649368	0.36779564	1	1.26303441	1	1
IL27RA	0.55655657	0.60656631	1	-0.1174526	0.49857883	1
IL2RA	-0.1364612	0.97656842	1	-0.384809	0.24942925	1
IL2RB	-0.2333703	0.92224328	1	0.20766402	0.45255405	1
IL2RG	-0.2424551	0.98144015	1	-1.2080238	0.00645113	1
IL31	0.27443917	1	1	1.26303441	1	1
IL31RA	0.27443917	1	1	1.26303441	1	1
IL33	0.27443917	1	1	-8.5300089	0.26373073	1

IL34	-0.6952169	0.4634873	1	9.44612411	0.02855238	1
IL36A	0.27443917	1	1	1.26303441	1	1
IL36G	0.27443917	1	1	1.26303441	1	1
IL37	0.27443917	1	1	1.26303441	1	1
IL3RA	0.27443917	1	1	-8.1331958	0.1958879	1
IL4	0.27443917	1	1	1.26303441	1	1
IL4I1	0.50177209	0.96720032	1	-0.1498135	0.50135729	1
IL4R	0.45160088	0.01580854	1	1.09668963	1.07E-07	0.00294129
IL5	0.27443917	1	1	1.26303441	1	1
IL5RA	0.27443917	1	1	-6.3422478	0.52259551	1
IL6	8.29532031	0.2752184	1	9.28391554	0.12281968	1
IL6R	1.80052843	0.50164502	1	1.06447739	0.89977104	1
IL6ST	0.58537483	0.09194645	1	0.83830358	0.15123619	1
IL7	-0.8901809	0.75659039	1	0.70182097	0.52903708	1
IL7R	0.66102732	0.01475342	1	0.13697389	0.29688062	1
IL9	0.27443917	1	1	1.26303441	1	1
IL9R	0.27443917	1	1	-7.0543407	0.3629285	1
ILDR1	8.28827283	0.2752184	1	9.27686806	0.12281968	1
ILDR2	7.65175331	0.2752184	1	1.49157092	0.52223338	1
ILF2	-0.2455792	0.39606738	1	-0.3618132	0.35025636	1
ILF3	0.30199152	0.13121671	1	0.56195532	0.07469222	1
ILK	-0.2014656	0.90562849	1	-0.2866143	0.39761526	1
ILKAP	0.10493042	0.27967042	1	-0.1573715	0.54539824	1
ILRUN	-0.585499	0.19915638	1	0.38048824	0.38695407	1
ILVBL	-1.0893577	0.86503869	1	-0.5686908	0.79055055	1
IMMP1L	-0.873904	0.24148115	1	-1.3329373	0.00510672	1
IMMP2L	0.44715449	0.06277374	1	0.53027748	0.12046328	1
IMMT	-0.3312645	0.54023021	1	-0.0575242	0.96573204	1
IMP3	0.50110507	0.51833203	1	-1.6639264	0.00317814	1
IMP4	-1.5694158	0.24123337	1	-2.5253048	0.02406654	1
IMPA1	-0.1737011	0.90605044	1	1.50177303	0.01452913	1
IMPA2	2.55091556	0.00136705	1	1.21751285	0.01151653	1
IMPACT	1.67524802	0.06559487	1	0.47857979	0.47673394	1
IMPAD1	-0.730831	0.43654833	1	-0.0218	0.94886715	1
IMPDH1	-1.1681558	0.32836483	1	-1.177939	0.26459188	1
IMPDH2	0.08957864	0.93711946	1	-1.5114261	0.01840625	1
IMPG1	0.27443917	1	1	1.26303441	1	1
IMPG2	-0.6609831	0.73123883	1	-0.9407854	0.40467535	1
INA	0.27443917	1	1	1.26303441	1	1
INAFM2	0.81690892	0.89260809	1	-0.4036039	0.52790957	1
INAVA	-2.1630838	0.41759769	1	-0.8122868	0.8895985	1
INCA1	0.27443917	1	1	1.26303441	1	1
INCENP	0.82670977	0.76509418	1	0.72460123	0.61176051	1

INF2	1.1916733	0.15974029	1	2.52561288	0.07710217	1
ING1	-1.588739	0.16033359	1	-1.5520601	0.10335697	1
ING2	1.20774452	0.1289371	1	-0.4085701	0.25052559	1
ING3	-0.7965147	0.41635013	1	-0.258445	0.52469655	1
ING4	1.96916377	0.02566714	1	-0.3991428	0.89340519	1
ING5	-1.3327686	0.31570651	1	-1.0066836	0.29567508	1
INHA	0.27443917	1	1	1.26303441	1	1
INHBA	0.27443917	1	1	-10.187197	0.11188911	1
INHBB	0.27443917	1	1	-6.465291	0.52259551	1
INHBC	0.27443917	1	1	1.26303441	1	1
INHBE	0.27443917	1	1	1.26303441	1	1
INIP	-0.1004865	0.85897014	1	-0.4651387	0.27787814	1
INKA1	-2.7621485	0.40765452	1	-5.0597194	5.42E-05	1
INKA2	0.588589	0.68789913	1	-1.1682935	0.10829175	1
INO80	-0.2744952	0.50940451	1	0.18074318	0.58630895	1
INO80B	-1.1158747	0.55540624	1	-1.1681059	0.32595403	1
INO80C	0.45437899	0.94605528	1	-0.0144399	0.35576394	1
INO80D	-0.3296068	0.71436403	1	0.34710742	0.18413122	1
INO80E	0.33138409	0.46683367	1	-0.0491613	0.95656384	1
INPP1	-0.1971277	0.36131267	1	-0.7652112	0.23584032	1
INPP4A	-0.3739871	0.2649858	1	0.1456528	0.47466669	1
INPP4B	0.14780007	0.10317949	1	0.54902976	0.08530792	1
INPP5A	1.02679552	0.00434956	1	1.30737997	7.87E-05	1
INPP5B	-0.0690792	0.64030303	1	-0.0822056	0.69165553	1
INPP5D	-0.1612145	0.31957147	1	0.13479569	0.96302868	1
INPP5E	-0.0537686	0.85818915	1	2.00453023	0.35926299	1
INPP5F	-0.9336952	0.17311305	1	-0.3899553	0.28352377	1
INPP5J	0.27443917	1	1	1.26303441	1	1
INPP5K	0.16168332	0.40911226	1	0.50315279	0.36393166	1
INPPL1	-0.669576	0.51205937	1	0.17155188	0.48654085	1
INSC	0.27443917	1	1	1.26303441	1	1
INSIG1	1.23181109	0.07213516	1	0.19012949	0.78770448	1
INSIG2	0.81592902	0.06881153	1	-0.0357223	0.99098068	1
INSL3	0.27443917	1	1	-7.4498295	0.3629285	1
INSL6	0.27443917	1	1	1.26303441	1	1
INSM1	0.27443917	1	1	1.26303441	1	1
INSR	0.78477334	0.98125377	1	0.72011871	0.96129462	1
INSRR	0.27443917	1	1	1.26303441	1	1
INSYN1	0.27443917	1	1	1.26303441	1	1
INSYN2A	0.27443917	1	1	1.26303441	1	1
INSYN2B	-0.5888594	0.70907169	1	-1.3049817	0.06973009	1
INTS1	-0.6098644	0.46046937	1	-0.1161216	0.42061209	1
INTS10	0.25358727	0.21853758	1	0.57151349	0.0622372	1

INTS11	-0.4351659	0.658917	1	-1.5248835	0.07704607	1
INTS12	-2.0026714	0.2988923	1	-1.2523359	0.48948978	1
INTS13	0.12863013	0.62800606	1	0.63225127	0.11687954	1
INTS14	-1.2650607	0.45920413	1	-0.6365056	0.60895435	1
INTS2	-0.2108865	1	1	0.02205343	0.86990367	1
INTS3	1.32493357	0.14814355	1	0.32211601	0.57963005	1
INTS4	-0.0440061	0.74544148	1	0.29504588	0.18008256	1
INTS5	-0.3257678	0.68052236	1	-1.8191251	0.48386448	1
INTS6	-0.1112293	0.6841655	1	0.25386592	0.21874941	1
INTS6L	0.20309477	0.21065963	1	0.61267651	0.00463517	1
INTS7	-0.050333	0.44301597	1	0.4550943	0.0992024	1
INTS8	-0.4030473	0.77081107	1	-0.1550839	0.75048364	1
INTS9	0.09345762	0.54678992	1	-0.3867058	0.42828685	1
INTU	-9.8392511	0.06784723	1	-3.7413079	0.52259551	1
INVS	-0.3341945	0.80242986	1	0.23572042	0.52232136	1
IP6K1	-0.108621	0.45187196	1	-0.1287476	0.67956037	1
IP6K2	-1.3213043	0.10631895	1	-1.7237344	0.00902554	1
IP6K3	0.27443917	1	1	1.26303441	1	1
IPCEF1	-0.3715261	1	1	0.29139969	0.22093284	1
IPMK	-0.2875504	0.88961348	1	0.26015366	0.82147085	1
IPO11	-0.2034849	0.94389323	1	0.42124648	0.13619964	1
IPO13	8.0303035	0.2752184	1	-0.8752993	0.49019995	1
IPO4	0.54036537	0.4634873	1	1.5035827	0.59936951	1
IPO5	-0.062009	0.40322308	1	-0.0833444	0.71216913	1
IPO7	0.33785349	0.13434877	1	0.50543968	0.08979177	1
IPO8	-0.0323128	0.720365	1	0.18290442	0.93507696	1
IPO9	-0.1752224	0.37347998	1	0.1329371	0.28174371	1
IPP	-0.613407	0.73158053	1	0.23335805	0.36824097	1
IPPK	-0.1426011	0.8437733	1	0.3877339	0.58698969	1
IQANK1	-7.3858295	0.36779564	1	-8.4501792	0.1958879	1
IQCA1	-1.2812905	0.90231962	1	-2.5849112	0.63637252	1
IQCB1	-0.2458078	0.45036319	1	0.11792781	0.51705108	1
IQCC	-1.7371582	0.67317602	1	1.1231136	0.8783593	1
IQCD	7.79917819	0.2752184	1	8.78777343	0.12281968	1
IQCE	0.99465759	0.8024585	1	-0.7941069	0.41916788	1
IQCF4	0.27443917	1	1	1.26303441	1	1
IQCG	-0.661733	0.91320101	1	-0.8034468	0.53917908	1
IQCH	0.44537598	0.81353247	1	11.1652519	0.00720402	1
IQCK	9.6786889	0.05637677	1	1.81574604	0.2564507	1
IQCM	0.27443917	1	1	1.26303441	1	1
IQCN	0.15167625	0.18906515	1	0.22272168	0.30792883	1
IQGAP1	-0.4173954	0.44946527	1	-0.4890241	0.08007223	1
IQGAP2	0.06034985	0.3034044	1	0.40682818	0.00138466	1

IQGAP3	0.27443917	1	1	-7.1144581	0.52259551	1
IQSEC1	-0.436217	0.44464702	1	-0.7308088	0.24195142	1
IQSEC2	-9.5148342	0.06784723	1	-7.6271737	0.26373073	1
IQSEC3	-6.8979479	0.36779564	1	1.26303441	1	1
IQUB	-8.4905972	0.19965135	1	-4.879732	0.52259551	1
IRAK1	0.3991935	0.84452255	1	-1.5312053	0.10335697	1
IRAK1BP1	-0.9591073	0.46683367	1	-0.5342116	0.53432286	1
IRAK2	0.15948425	0.62951314	1	0.77611191	0.05520681	1
IRAK3	0.02704974	0.29556877	1	1.18743696	0.03797374	1
IRAK4	0.75925927	0.21965172	1	-0.4721281	0.39833737	1
IREB2	-0.1763	0.83159917	1	-0.05722	0.98357869	1
IRF1	0.58807461	0.15097989	1	0.26339744	0.84050288	1
IRF2	-0.1065884	0.59825257	1	0.16248305	0.42841735	1
IRF2BP1	-1.580406	0.25400575	1	-1.7648083	0.48386448	1
IRF2BP2	-0.4554733	0.80725752	1	-0.918329	0.06010683	1
IRF2BPL	-0.1873612	0.89323139	1	-0.3883158	0.6683453	1
IRF3	0.92359757	0.20582633	1	-0.5774042	0.03928665	1
IRF4	-3.7595083	0.25076778	1	-1.8054412	0.64032309	1
IRF5	1.15590694	0.83770648	1	-0.5135689	0.95888601	1
IRF6	-0.2140734	0.68052236	1	0.24429196	0.49978619	1
IRF7	-1.5042476	0.06676079	1	-0.3668847	0.42290599	1
IRF8	-1.4332448	0.0679751	1	-2.3868553	0.0097308	1
IRF9	-1.4560452	0.01339975	1	0.3704372	0.97215799	1
IRGC	0.27443917	1	1	1.26303441	1	1
IRGM	-7.4529774	0.36779564	1	-6.1297678	0.52259551	1
IRGQ	7.34125167	0.2752184	1	0.76405259	0.52790957	1
IRS1	-0.9448025	0.8025791	1	-1.7783543	0.32065621	1
IRS2	0.44123078	0.47453229	1	1.55918367	0.00781364	1
IRS4	0.27443917	1	1	1.26303441	1	1
IRX1	0.27443917	1	1	1.26303441	1	1
IRX2	0.27443917	1	1	1.26303441	1	1
IRX3	0.27443917	1	1	1.26303441	1	1
IRX5	0.27443917	1	1	1.26303441	1	1
ISCA1	0.0873299	0.80096234	1	-1.6281363	0.00077857	1
ISCA2	-1.5066047	0.36358287	1	-1.2839876	0.25966609	1
ISCU	-0.708315	0.20062795	1	-1.302333	0.01243264	1
ISG15	-4.889025	1.30E-05	0.3575953	-2.7962168	0.12901789	1
ISG20	-0.2169691	0.52575144	1	-0.2510665	0.4472911	1
ISG20L2	0.61925642	0.24257676	1	0.51078521	0.55178102	1
ISL1	0.27443917	1	1	1.26303441	1	1
ISL2	-8.4541306	0.36779564	1	1.26303441	1	1
ISM1	-3.5265623	0.0563102	1	-3.2860023	0.13212689	1
ISM2	0.27443917	1	1	1.26303441	1	1

ISOC1	-0.2099267	0.7964018	1	0.58778544	0.46032607	1
IST1	-0.1044848	0.82720053	1	0.0548977	0.42791859	1
ISY1	-0.1165384	0.82856836	1	-0.5709687	0.0429526	1
ISYNA1	-1.2777755	0.25136449	1	-1.5000103	0.0219744	1
ITCH	-0.08673	0.9936809	1	0.27730632	0.01393019	1
ITFG1	-0.3198954	0.85230346	1	0.21709503	0.5108344	1
ITFG2	-0.699674	0.41588555	1	-0.9860931	0.02654196	1
ITGA1	-1.1178164	0.93810268	1	-1.104355	0.12357081	1
ITGA10	7.45361488	0.2752184	1	8.44221012	0.12281968	1
ITGA11	0.27443917	1	1	1.26303441	1	1
ITGA2	0.0561864	0.66723072	1	-0.2362097	0.28565222	1
ITGA2B	-1.8261584	0.37982915	1	0.65705585	0.601252	1
ITGA3	0.27443917	1	1	1.26303441	1	1
ITGA4	0.34586212	0.06330222	1	0.20114181	0.29740491	1
ITGA5	-0.4104785	0.89253473	1	-0.5559925	0.31075995	1
ITGA6	0.16493169	0.73445455	1	0.15353864	0.71677492	1
ITGA7	0.27443917	1	1	1.26303441	1	1
ITGA8	0.27443917	1	1	-7.2077657	0.26373073	1
ITGA9	0.17486778	0.96675344	1	0.95478822	0.18370002	1
ITGAD	-0.3642793	0.62626845	1	-0.4734033	0.89466072	1
ITGAE	-0.1124122	0.28164218	1	-1.0734166	0.00093636	1
ITGAL	-0.0908886	0.56506823	1	0.3199946	0.33671291	1
ITGAM	-1.4993382	0.01182584	1	-1.0086127	0.0174909	1
ITGAV	-1.0014571	0.10133627	1	-0.3390479	0.30397996	1
ITGAX	-0.3334981	0.35698798	1	-0.6644445	0.11208715	1
ITGB1	0.16471728	0.61564931	1	-0.1368691	0.16884308	1
ITGB1BP1	0.98408296	0.04747225	1	-0.5916787	0.5051948	1
ITGB1BP2	-7.6045735	0.19965135	1	-5.5899638	0.52259551	1
ITGB2	-0.0224519	0.74544057	1	-0.6453806	0.07668363	1
ITGB3	0.27443917	1	1	1.26303441	1	1
ITGB3BP	-1.6675912	0.43463907	1	-1.7591218	0.26101779	1
ITGB4	-7.8362071	0.36779564	1	-6.9505947	0.52259551	1
ITGB5	-7.8120868	0.19965135	1	1.26303441	1	1
ITGB6	0.6053157	0.91549579	1	3.65148609	0.04448556	1
ITGB7	-0.044607	0.69684661	1	-0.3447703	0.41812324	1
ITGB8	-0.3848183	0.68052236	1	-0.3539346	0.84581067	1
ITGBL1	0.27443917	1	1	1.26303441	1	1
ITIH1	0.27443917	1	1	1.26303441	1	1
ITIH2	0.27443917	1	1	-7.6288686	0.26373073	1
ITIH3	0.27443917	1	1	1.26303441	1	1
ITIH4	-7.0684566	0.36779564	1	-4.879732	0.52259551	1
ITIH5	0.27443917	1	1	-7.9429437	0.3629285	1
ITIH6	0.27443917	1	1	1.26303441	1	1

ITK	-0.4314705	0.23292118	1	-0.2670773	0.68661213	1
ITLN1	0.27443917	1	1	1.26303441	1	1
ITM2A	0.05390844	0.70872485	1	-1.5271033	0.06692901	1
ITM2B	-0.0838941	0.99301948	1	-1.2759734	2.15E-10	5.92E-06
ITM2C	-0.0837026	0.97069997	1	-1.5502568	0.00057394	1
ITPA	1.7578528	0.20508953	1	-0.9330313	0.08194543	1
ITPK1	0.18774189	0.22628826	1	0.56059238	0.03033824	1
ITPKA	0.27443917	1	1	1.26303441	1	1
ITPKB	-0.1980173	0.9950467	1	0.52166375	0.01736924	1
ITPKC	0.94900919	0.50663218	1	1.55681175	0.2607118	1
ITPR1	-0.1622191	0.46075492	1	0.31845759	0.62497171	1
ITPR2	-0.0049995	0.91052108	1	0.3920996	0.0881256	1
ITPR3	0.01670473	0.90083986	1	0.08462374	0.67763739	1
ITPRID1	0.27443917	1	1	1.26303441	1	1
ITPRID2	0.27653254	0.753513	1	0.35684265	0.64733703	1
ITPRIP	7.64773019	0.2752184	1	8.63632542	0.12281968	1
ITPRIPL1	-0.5662182	0.68789913	1	0.11800389	0.49978619	1
ITPRIPL2	8.49955318	0.12052946	1	4.48380608	0.15452883	1
ITSN1	-0.1732265	0.55717444	1	-0.3162107	0.35501047	1
ITSN2	0.09522298	0.25150778	1	0.57839478	2.42E-05	0.66750807
IVD	-0.1231366	0.78682126	1	-0.7123572	0.90807603	1
IVNS1ABP	-0.0816001	0.87383683	1	0.07635551	0.92468877	1
IWS1	-0.1014119	0.88287513	1	0.18073035	0.61090998	1
IYD	0.27443917	1	1	1.26303441	1	1
IZUMO1	0.27443917	1	1	1.26303441	1	1
IZUMO2	0.27443917	1	1	1.26303441	1	1
IZUMO4	-7.0684566	0.36779564	1	-6.9505947	0.52259551	1
JADE1	0.42246969	0.26311376	1	0.38950888	0.59693551	1
JADE2	-0.7798052	0.2182414	1	-0.4486211	0.44709181	1
JADE3	-3.3945366	0.09467856	1	-0.8971498	0.22856574	1
JAG1	-0.2382396	0.80601313	1	4.00726928	0.04189231	1
JAG2	9.7485732	0.05637677	1	1.46973	0.42698422	1
JAGN1	-0.05404	0.54177747	1	-2.0311047	0.01313034	1
JAK1	-0.3891775	0.00993251	1	0.07485345	0.94193559	1
JAK2	-0.5431216	0.18713434	1	0.07681083	0.40061848	1
JAK3	-0.1770426	0.56797707	1	-0.4456051	0.82160077	1
JAKMIP1	0.4637504	0.36813771	1	0.22178887	0.82409055	1
JAKMIP2	-1.53552	0.04263658	1	-0.9275646	0.06021187	1
JAKMIP3	3.48615368	0.22569004	1	0.29981306	0.79559712	1
JAM2	7.45361488	0.2752184	1	8.44221012	0.12281968	1
JAM3	1.23410423	0.83770648	1	-0.4181608	0.51970102	1
JAML	0.62263039	0.04658264	1	-0.670792	0.29104036	1
JARID2	0.39976868	0.1670208	1	0.77119001	0.00244557	1

JAZF1	0.3707081	0.18332337	1	0.67968952	0.00574659	1
JCAD	0.27443917	1	1	-5.5505252	0.52259551	1
JCHAIN	-7.0886088	0.36779564	1	-9.6241396	0.05042498	1
JDP2	-7.4121157	0.19965135	1	-8.0343675	0.1958879	1
JHY	-1.7934666	0.23382611	1	-0.1789995	0.7871712	1
JKAMP	0.13678225	0.83951957	1	-0.3931498	0.59833236	1
JMJD1C	-0.1508955	0.61376213	1	0.16809333	0.20235543	1
JMJD4	0.31762008	0.84452255	1	0.5736907	0.60321842	1
JMJD6	0.4390232	0.26095945	1	0.11886512	0.99245075	1
JMJD7	0.10678	0.77149457	1	0.1149946	0.35892762	1
JMJD8	-2.0963976	0.09365397	1	-2.0662022	0.07023278	1
JMY	-0.9002269	0.07260041	1	-0.5739769	0.05511005	1
JOSD1	-0.0564034	0.45439462	1	0.08150969	0.61784044	1
JOSD2	-0.9126065	0.73544378	1	-0.3525544	0.50135729	1
JPH1	0.27443917	1	1	1.26303441	1	1
JPH2	0.1194409	0.90231962	1	4.23990593	0.52223338	1
JPH3	-7.1890866	0.36779564	1	-6.555996	0.52259551	1
JPH4	0.27443917	1	1	1.26303441	1	1
JPT1	-0.9860061	0.04487017	1	-1.5064321	0.00022438	1
JPT2	0.98520835	0.76775801	1	-0.6595567	0.24065937	1
JRK	-1.0733088	0.67317602	1	-0.7779049	0.49657976	1
JRKL	0.22400412	0.99148393	1	-0.3993935	0.29631528	1
JSRP1	0.27443917	1	1	-6.3041129	0.52259551	1
JTB	-0.3513654	0.57142825	1	-2.2248771	2.28E-07	0.00628195
JUN	0.43882	0.92310379	1	-0.2869556	0.04486851	1
JUNB	0.04450831	0.89144901	1	-1.3283994	2.09E-05	0.57753938
JUND	-0.1158573	0.6114189	1	-1.4424386	5.45E-11	1.50E-06
JUP	0.27443917	1	1	-7.4122147	0.3629285	1
KALRN	-0.2679062	0.76296425	1	1.56102439	0.0813538	1
KANK1	-7.4703458	0.36779564	1	-6.4296746	0.52259551	1
KANK2	0.27443917	1	1	-3.7413079	0.52259551	1
KANK3	-6.7100151	0.36779564	1	-7.0369475	0.52259551	1
KANK4	8.47283533	0.2752184	1	-0.323175	0.84581067	1
KANSL1	-0.0743665	0.94650397	1	0.51437647	0.00025396	1
KANSL1L	-0.0515792	0.6179296	1	-0.0756946	0.86222418	1
KANSL2	0.12766212	0.74870945	1	0.42264599	0.27730963	1
KANSL3	-0.3342026	0.34100934	1	0.69704116	0.05614675	1
KARS	-2.1763551	0.02772539	1	-2.3365907	0.0021046	1
KAT2A	-2.5403033	0.05876115	1	-0.9401806	0.29712061	1
KAT2B	-0.4335749	0.27268129	1	0.32140924	0.13637407	1
KAT5	-1.5317285	0.53639808	1	-1.4116372	0.25966609	1
KAT6A	0.11189935	0.36947112	1	0.53224214	0.00048517	1
KAT6B	0.61513782	0.00344766	1	0.38922577	0.02037334	1

KAT7	-0.4371009	0.3355713	1	-0.0127944	0.99823376	1
KAT8	-0.2882928	0.6254528	1	-0.5943356	0.41302375	1
KATNA1	-0.7750693	0.33013595	1	-0.3060806	0.96114049	1
KATNAL1	-0.1127835	0.65072197	1	0.56166157	0.57691189	1
KATNAL2	-9.3080406	0.11486391	1	1.26303441	1	1
KATNB1	-0.0531575	0.53587411	1	0.7898973	0.1750721	1
KATNBL1	-0.46975	0.41669814	1	-0.3466426	0.2404316	1
KAZALD1	0.27443917	1	1	1.26303441	1	1
KAZN	-1.3752413	0.77821799	1	-0.0823692	0.75357091	1
KBTBD11	0.27443917	1	1	1.26303441	1	1
KBTBD12	1.35754246	0.84452255	1	0.00483607	0.42106218	1
KBTBD2	0.14827125	0.58415875	1	0.13653876	0.73218761	1
KBTBD3	1.31132275	0.45738523	1	0.28737026	0.52996743	1
KBTBD4	-10.081966	0.06784723	1	-9.2220945	0.06553217	1
KBTBD6	0.27443917	1	1	1.26303441	1	1
KBTBD7	1.65824654	0.89260809	1	-0.681632	0.8895985	1
KBTBD8	-9.2694119	0.11486391	1	-9.6895749	0.03889469	1
KCMF1	-0.0120579	0.67263956	1	0.52459293	0.47660999	1
KCNA1	0.27443917	1	1	1.26303441	1	1
KCNA2	-0.0583637	0.90231962	1	9.04603369	0.12281968	1
KCNA3	-0.6050543	0.05850751	1	-0.2603437	0.18732365	1
KCNA5	0.27443917	1	1	1.26303441	1	1
KCNA6	0.27443917	1	1	1.26303441	1	1
KCNA7	0.27443917	1	1	-7.1477482	0.52259551	1
KCNAB1	-8.4397614	0.19965135	1	-9.7702915	0.08544191	1
KCNAB2	0.36813356	0.03542171	1	1.00471823	3.18E-05	0.8781507
KCNAB3	1.49066204	0.89260809	1	9.26691253	0.12281968	1
KCNB1	7.64773019	0.2752184	1	8.63632542	0.12281968	1
KCNB2	7.10225734	0.2752184	1	8.09085257	0.12281968	1
KCNC1	0.27443917	1	1	1.26303441	1	1
KCNC2	0.27443917	1	1	1.26303441	1	1
KCNC3	-7.8071811	0.19965135	1	-6.7950763	0.52259551	1
KCNC4	1.81717629	0.23243735	1	1.25793692	0.26502162	1
KCND1	9.89887293	0.12052946	1	2.27124082	0.365771	1
KCND2	0.27443917	1	1	1.26303441	1	1
KCND3	9.11738705	0.2752184	1	1.90083591	0.52223338	1
KCNE1	0.27443917	1	1	1.26303441	1	1
KCNE3	8.36465022	0.12052946	1	2.24842499	0.59170527	1
KCNE4	0.27443917	1	1	1.26303441	1	1
KCNE5	0.27443917	1	1	1.26303441	1	1
KCNG1	0.27443917	1	1	1.26303441	1	1
KCNG2	-2.4681301	0.20025607	1	0.8871261	0.26719484	1
KCNG3	0.53993728	0.51164527	1	1.94116988	0.04581003	1

KCNG4	0.27443917	1	1	1.26303441	1	1
KCNH1	-1.5357603	0.90231962	1	1.33342971	0.52223338	1
KCNH2	0.27443917	1	1	1.26303441	1	1
KCNH3	0.27443917	1	1	1.26303441	1	1
KCNH4	-8.1704246	0.36779564	1	1.26303441	1	1
KCNH5	0.27443917	1	1	1.26303441	1	1
KCNH6	0.27443917	1	1	1.26303441	1	1
KCNH7	-0.2080108	0.90231962	1	0.34340938	0.52790957	1
KCNH8	-1.774609	0.68052236	1	9.67430519	0.12281968	1
KCNIP1	8.96301735	0.12052946	1	1.0216117	0.59936951	1
KCNIP2	2.09497486	0.32700264	1	2.11990572	0.06168123	1
KCNIP3	9.98717712	0.01326151	1	2.99232462	0.00368396	1
KCNIP4	1.11904215	0.83770648	1	1.94637661	0.81809414	1
KCNJ1	0.27443917	1	1	-6.1911657	0.3629285	1
KCNJ10	0.27443917	1	1	1.26303441	1	1
KCNJ12	0.27443917	1	1	1.26303441	1	1
KCNJ13	-0.3211636	0.90231962	1	-1.2069095	0.37955312	1
KCNJ14	-5.3209596	0.36779564	1	-6.8267819	0.52259551	1
KCNJ15	-7.2984046	0.36779564	1	-7.7122474	0.3629285	1
KCNJ16	0.94063353	0.89260809	1	1.73491492	0.52223338	1
KCNJ2	0.27443917	1	1	-4.2111359	0.52259551	1
KCNJ3	0.27443917	1	1	1.26303441	1	1
KCNJ4	0.27443917	1	1	1.26303441	1	1
KCNJ5	0.27443917	1	1	1.26303441	1	1
KCNJ6	-8.9456141	0.19965135	1	1.26303441	1	1
KCNJ9	0.27443917	1	1	1.26303441	1	1
KCNK1	0.27443917	1	1	1.26303441	1	1
KCNK10	0.27443917	1	1	1.26303441	1	1
KCNK12	-7.4703458	0.36779564	1	1.26303441	1	1
KCNK13	-0.6029183	0.94847897	1	-0.1130538	0.80060884	1
KCNK15	0.27443917	1	1	1.26303441	1	1
KCNK17	0.27443917	1	1	-6.0209494	0.52259551	1
KCNK2	0.27443917	1	1	-3.4115773	0.52259551	1
KCNK3	0.27443917	1	1	1.26303441	1	1
KCNK5	-0.2429913	0.66794153	1	-0.5722444	0.22985162	1
KCNK6	-1.2319882	0.09472263	1	-0.2264241	0.5977215	1
KCNK7	0.27443917	1	1	1.26303441	1	1
KCNK9	7.28906029	0.2752184	1	8.27765553	0.12281968	1
KCNMA1	-10.071694	0.02458092	1	1.26303441	1	1
KCNMB1	-1.0741945	0.41759769	1	-1.7453834	0.10671663	1
KCNMB2	0.27443917	1	1	1.26303441	1	1
KCNMB3	-9.7286902	0.11486391	1	-7.9179273	0.3629285	1
KCNMB4	-0.6362266	0.40245486	1	-0.5589239	0.20331005	1

KCNN1	-1.1217084	0.41759769	1	2.31142562	0.52223338	1
KCNN2	9.53899273	0.12052946	1	2.50982531	0.35926299	1
KCNN3	0.27443917	1	1	1.26303441	1	1
KCNN4	0.27443917	1	1	-8.9622505	0.26373073	1
KCNQ1	0.38184544	0.72604358	1	-0.0751723	0.23439438	1
KCNQ2	0.27443917	1	1	1.26303441	1	1
KCNQ3	0.27443917	1	1	1.26303441	1	1
KCNQ4	0.27443917	1	1	1.26303441	1	1
KCNQ5	0.87125875	0.00217073	1	1.13882794	0.00015693	1
KCNRG	-0.7095657	0.5506235	1	-1.6848652	0.0811645	1
KCNS3	0.27443917	1	1	1.26303441	1	1
KCNT1	0.27443917	1	1	-6.3372517	0.52259551	1
KCNT2	0.27443917	1	1	1.26303441	1	1
KCNU1	0.27443917	1	1	-7.4503033	0.3629285	1
KCNV2	0.27443917	1	1	-7.5842072	0.52259551	1
KCP	0.27443917	1	1	-6.8792337	0.52259551	1
KCTD1	-0.3357526	0.4634873	1	0.17997949	0.60321842	1
KCTD10	-0.4643753	0.56894863	1	0.38206614	0.44190991	1
KCTD11	0.16886463	0.90231962	1	-0.0663827	0.8895985	1
KCTD12	-0.0709378	0.33955919	1	-0.8145362	0.12319938	1
KCTD13	0.03347579	0.67343889	1	-0.2592424	0.75281679	1
KCTD14	0.27443917	1	1	-7.8766783	0.52259551	1
KCTD15	0.27443917	1	1	1.26303441	1	1
KCTD16	0.83358646	0.19421393	1	3.85943926	0.0041769	1
KCTD17	1.45850412	0.89260809	1	-1.7633141	0.64032309	1
KCTD18	0.18425967	0.56536304	1	-0.6718512	0.16972099	1
KCTD19	0.27443917	1	1	1.26303441	1	1
KCTD2	-0.1200404	0.93386118	1	0.81746963	0.28503107	1
KCTD20	-0.4299485	0.42444724	1	-0.8464789	0.07172163	1
KCTD21	-2.3130319	0.41260835	1	-0.5617397	0.49657976	1
KCTD3	8.64495399	0.2752184	1	1.33285541	0.85548905	1
KCTD4	0.27443917	1	1	1.26303441	1	1
KCTD5	-0.4307427	0.94847897	1	-0.7993007	0.41288151	1
KCTD6	7.79917819	0.2752184	1	-0.9746093	0.49657976	1
KCTD7	-1.0932936	0.64101723	1	-0.2816704	0.8019998	1
KCTD8	0.27443917	1	1	1.26303441	1	1
KCTD9	0.17521634	0.14314871	1	0.47230192	0.13059447	1
KDELR1	-0.6876306	0.5179711	1	-1.6285179	0.02200729	1
KDELR2	-0.1833986	0.95721189	1	-0.8622072	0.11994612	1
KDELR3	-6.0973458	0.36779564	1	-9.6112256	0.08544191	1
KDF1	-7.9030652	0.36779564	1	-6.6220817	0.52259551	1
KDM1A	-0.1375806	0.86150053	1	0.65953219	0.18377775	1
KDM1B	0.22519613	0.46505825	1	-0.1586299	0.80281332	1

KDM2A	-0.5054316	0.00434098	1	-0.0401028	0.69977679	1
KDM2B	-0.1497661	0.71039292	1	0.28535694	0.1414405	1
KDM3A	1.1679734	0.00632172	1	0.56539298	0.25930764	1
KDM3B	-0.4792318	0.24970191	1	0.01103216	0.51650487	1
KDM4A	0.56130931	0.07942175	1	1.25277803	0.00036847	1
KDM4B	0.44125485	0.18252524	1	0.94404766	0.00884911	1
KDM4C	-0.0353512	0.89659066	1	0.36740733	0.01341438	1
KDM4D	-6.3243319	0.36779564	1	1.26303441	1	1
KDM5A	-0.0881437	0.84357434	1	0.34510551	0.11595473	1
KDM5B	-0.1264175	0.28301191	1	0.03925007	0.19609892	1
KDM5C	-0.0482524	0.85601488	1	0.02305094	0.90829644	1
KDM5D	0.86471528	0.34097321	1	-0.6527278	0.45733201	1
KDM6A	0.11023453	0.77300401	1	0.65315284	0.00100058	1
KDM6B	-1.2756467	0.0456374	1	-1.3242472	0.0644485	1
KDM7A	-0.4900501	0.99537621	1	0.18731158	0.30689414	1
KDM8	-0.8495525	0.86503869	1	1.5720772	0.365771	1
KDR	7.06868348	0.2752184	1	0.21808642	0.52790957	1
KDSR	0.8342697	0.17653475	1	-0.1585182	0.64370828	1
KEAP1	0.46689909	0.11843051	1	0.86125433	0.13454479	1
KEG06-p01	-0.23134	0.68759212	1	-0.2411607	0.50489203	1
KEG06-p02	1.37924363	3.25E-06	0.08973527	1.48037622	5.09E-08	0.0014057
KEG06-p03	1.84105522	0.00473569	1	1.31332771	0.00288103	1
KEG06-p04	0.52461008	0.00426535	1	-0.1352979	0.24614797	1
KEG06-p05	1.17190491	0.0007664	1	0.69510396	0.04063985	1
KEG06-p06	0.38871764	0.0207727	1	-0.453262	0.03256848	1
KEG06-p07	0.47194041	8.34E-05	1	-0.1949774	0.0213207	1
KEG06-p08	0.16985894	0.21450015	1	-0.4712927	0.0003508	1
KEG06-p09	2.53689839	8.66E-08	0.00238873	1.43248815	0.00018623	1
KEG06-p10	0.19227162	0.06106281	1	-0.3679296	0.0013911	1
KEG06-p11	0.18516873	0.02383515	1	-0.5343646	5.36E-05	1
KEG06-p12	0.33052623	0.00937337	1	-0.1676601	0.01752913	1
KEG06-p13	0.25220862	0.02333193	1	-0.2907194	0.00436648	1
KEG06-r01	0.13966834	0.09758026	1	-0.1146686	0.13780854	1
KEG06-r02	0.28309236	0.01412852	1	-0.0378032	0.75735417	1
KEG06-t02	1.52044362	0.83770648	1	0.40913872	0.42760266	1
KEG06-t03	-8.3232364	0.36779564	1	-5.3789862	0.52259551	1
KEG06-t04	0.27443917	1	1	1.26303441	1	1
KEG06-t05	-2.3446449	0.68052236	1	0.65933367	0.52790957	1
KEG06-t06	0.27443917	1	1	-5.8732833	0.52259551	1
KEG06-t07	0.27443917	1	1	1.26303441	1	1
KEG06-t08	0.76903052	0.05902884	1	1.12763415	0.01781241	1
KEG06-t09	7.33858656	0.2752184	1	-0.6925146	0.88397598	1
KEG06-t10	0.27443917	1	1	1.26303441	1	1

KEG06-t11	0.27443917	1	1	1.26303441	1	1
KEG06-t12	0.27443917	1	1	1.26303441	1	1
KEG06-t13	2.07355977	0.83770648	1	-0.5154306	0.51715054	1
KEG06-t14	8.58394069	0.2752184	1	9.57253593	0.12281968	1
KEG06-t15	-1.7173004	0.67317602	1	0.23820984	0.52790957	1
KEG06-t16	1.46951467	0.29175766	1	2.56082284	0.0128356	1
KEG06-t17	2.93632598	0.27570799	1	0.38809866	0.74971066	1
KEG06-t18	2.2852379	0.00642051	1	0.6109556	0.35606278	1
KEG06-t19	-7.6605732	0.36779564	1	-5.9175855	0.52259551	1
KEG06-t20	0.27443917	1	1	1.26303441	1	1
KEG06-t22	0.33678457	0.89260809	1	9.40935548	0.12281968	1
KEL	0.27443917	1	1	-7.4618854	0.52259551	1
KHDC1	-0.4340333	0.86503869	1	-0.7466926	0.95888601	1
KHDC1L	0.27443917	1	1	1.26303441	1	1
KHDC4	-0.0063149	0.31718353	1	0.67346863	0.03104077	1
KHDRBS1	-0.4623009	0.68434363	1	-0.306768	0.55537011	1
KHDRBS2	-1.632209	0.40765452	1	-0.496624	0.64825479	1
KHDRBS3	-8.8604164	0.36779564	1	1.26303441	1	1
KHK	-2.6976582	0.09599528	1	-2.0198176	0.37449073	1
KHNYN	1.4309051	0.05494692	1	1.47731653	0.06030706	1
KHSRP	0.34580152	0.89728465	1	0.8464964	0.65578035	1
KIAA0040	-0.3580997	0.78778268	1	-0.681881	0.03583253	1
KIAA0100	-0.3034647	0.92578164	1	-0.6254979	0.17462865	1
KIAA0232	-0.1245832	0.8072301	1	0.50116254	0.01383722	1
KIAA0319	-3.4911826	0.05876115	1	-0.2492684	0.85064705	1
KIAA0319L	-0.3103169	0.74978197	1	0.20825085	0.41348052	1
KIAA0355	0.32338952	0.16170573	1	0.41545262	0.15008002	1
KIAA0408	0.02489	0.68789913	1	0.80009704	0.65223573	1
KIAA0513	-1.0388394	0.90132753	1	1.00952437	0.21168243	1
KIAA0556	-0.185466	0.84423722	1	0.31446959	0.30096365	1
KIAA0586	-0.6784691	0.11159786	1	0.3557696	0.91443118	1
KIAA0753	0.07481034	0.58515333	1	0.24752077	0.37178208	1
KIAA0825	-0.0529929	0.75031281	1	-0.2218169	0.7073311	1
KIAA0895	1.7409952	0.03113515	1	-0.1898543	0.49867302	1
KIAA0895L	0.27443917	1	1	1.26303441	1	1
KIAA0930	-0.8506794	0.33294853	1	-0.3467742	0.77342811	1
KIAA1109	0.13635748	0.53700437	1	0.52767711	0.06790443	1
KIAA1143	-1.6195512	0.1895649	1	-2.3284036	0.01970832	1
KIAA1147	0.70329868	0.14309905	1	-0.1392368	0.77192128	1
KIAA1191	0.03037184	0.63245402	1	-0.5353264	0.34064904	1
KIAA1210	0.27443917	1	1	1.26303441	1	1
KIAA1211	0.48125587	0.52886624	1	3.50002832	0.01215548	1
KIAA1211L	8.60224999	0.2752184	1	0.96082588	0.8783593	1

KIAA1217	-1.1201843	0.15008586	1	0.3102633	0.97137762	1
KIAA1257	-0.0012747	0.76087148	1	0.19374312	0.40511855	1
KIAA1324L	8.43298848	0.2752184	1	1.37064244	0.52223338	1
KIAA1328	-0.0350609	0.68251672	1	0.33254593	0.40384585	1
KIAA1522	0.27443917	1	1	-8.4186991	0.26373073	1
KIAA1549	1.06888636	0.09262591	1	5.53066614	0.00093739	1
KIAA1549L	0.27443917	1	1	-7.7546943	0.52259551	1
KIAA1586	-1.6120977	0.2078587	1	-1.0919058	0.18559195	1
KIAA1614	-7.8049949	0.19965135	1	-6.9950942	0.52259551	1
KIAA1671	0.40555878	0.13152355	1	0.5077705	0.04230449	1
KIAA1755	0.27443917	1	1	1.26303441	1	1
KIAA1841	0.34713715	0.96136138	1	0.83845743	0.74931562	1
KIAA1958	-0.0192059	0.99690662	1	0.13397172	0.45318934	1
KIAA2012	-1.0609506	0.67317602	1	-1.2506676	0.37955312	1
KIAA2013	0.18446082	0.82173529	1	-1.4675329	0.10425207	1
KIAA2026	0.00194923	0.60665371	1	0.30170841	0.52815426	1
KIDINS220	-0.2430891	0.89444402	1	0.53557027	0.01313025	1
KIF11	-9.1026066	0.19965135	1	-7.3396624	0.3629285	1
KIF12	0.27443917	1	1	1.26303441	1	1
KIF13A	-5.5877161	0.00291934	1	-4.6831103	0.06066919	1
KIF13B	-0.6133191	0.01903868	1	0.02129746	0.96048159	1
KIF14	0.27443917	1	1	-7.4509909	0.52259551	1
KIF15	8.85251062	0.2752184	1	0.76199543	0.52790957	1
KIF16B	-1.1761281	0.00873027	1	0.13397901	0.66716766	1
KIF17	0.27443917	1	1	-8.0245332	0.3629285	1
KIF18A	-9.5256821	0.06784723	1	-7.7707886	0.3629285	1
KIF18B	0.27443917	1	1	1.26303441	1	1
KIF19	0.27443917	1	1	1.26303441	1	1
KIF1A	0.27443917	1	1	1.26303441	1	1
KIF1B	-0.6757706	0.28230986	1	-0.4429713	0.33139094	1
KIF1BP	-0.8283967	0.40228555	1	-0.2223864	0.8710273	1
KIF1C	-0.7898432	0.86503869	1	-2.1587874	0.31541498	1
KIF20A	-7.1236435	0.36779564	1	-7.1192351	0.52259551	1
KIF20B	0.52447925	0.2698265	1	0.04328467	0.56839206	1
KIF21A	1.40468956	0.51147027	1	0.01686602	0.91988451	1
KIF21B	1.79253877	0.00569319	1	0.74943993	0.10355154	1
KIF22	0.90289278	0.19020863	1	-0.3212486	0.50667698	1
KIF23	1.51329741	0.83770648	1	-0.2019893	0.84174049	1
KIF24	0.27443917	1	1	-7.9060722	0.3629285	1
KIF25	-6.0587014	0.36779564	1	-7.2434812	0.3629285	1
KIF26A	0.27443917	1	1	1.26303441	1	1
KIF26B	1.24924155	0.45738523	1	-0.0898924	0.7871712	1
KIF27	-0.775971	0.64994186	1	-1.0274537	0.18367675	1

KIF2A	0.06751145	0.45133663	1	0.19463839	0.73802929	1
KIF2C	7.36256092	0.2752184	1	0.85168325	0.52790957	1
KIF3A	-0.8456824	0.10199642	1	-0.6200483	0.1311544	1
KIF3B	-0.2884585	0.54068294	1	0.15942523	0.74529272	1
KIF3C	-2.7127613	0.06044383	1	-2.1000571	0.28508405	1
KIF4A	-7.4529774	0.36779564	1	-6.7879069	0.52259551	1
KIF4B	0.27443917	1	1	1.26303441	1	1
KIF5A	0.27443917	1	1	1.26303441	1	1
KIF5B	-0.0407114	0.8216732	1	-0.4317115	0.2669565	1
KIF5C	9.24478673	0.2752184	1	-1.5966705	0.03140546	1
KIF6	0.28330203	0.85135027	1	9.97759004	0.02855238	1
KIF7	-0.1436997	0.82075644	1	0.57315732	0.36905242	1
KIF9	1.51432685	0.15974029	1	-0.1785051	0.87615596	1
KIFAP3	0.16886381	0.96429213	1	0.56730449	0.13017767	1
KIFC1	0.42826737	0.4634873	1	-0.0457136	0.96262077	1
KIFC2	-9.1583765	0.36779564	1	-8.436296	0.1958879	1
KIFC3	-7.5708293	0.19965135	1	-8.7278791	0.1958879	1
KIN	-1.1431315	0.09017884	1	-1.3134247	0.01457576	1
KIR2DL4	-9.71694	0.11486391	1	-10.429396	0.0139617	1
KIR2DS4	-8.0075833	0.36779564	1	-7.3655525	0.52259551	1
KIR3DH	0.27443917	1	1	1.26303441	1	1
KIR3DH5	-9.3743347	0.11486391	1	-8.8878636	0.08544191	1
KIR3DL0	-0.9990362	0.99606591	1	-1.5897947	0.48893423	1
KIR3DL1	0.27443917	1	1	1.26303441	1	1
KIR3DL11	0.27443917	1	1	1.26303441	1	1
KIR3DL12	0.27443917	1	1	-6.6872228	0.3629285	1
KIR3DL2	0.27443917	1	1	-7.8034974	0.3629285	1
KIR3DL21	0.27443917	1	1	1.26303441	1	1
KIR3DS05	0.27443917	1	1	1.26303441	1	1
KIRREL1	-8.8989104	0.36779564	1	-8.2445588	0.26373073	1
KIRREL2	0.27443917	1	1	1.26303441	1	1
KIRREL3	-1.1838554	0.3632831	1	0.13981086	0.60621817	1
KISS1	0.27443917	1	1	1.26303441	1	1
KISS1R	0.27443917	1	1	-7.1320547	0.3629285	1
KIT	0.89168676	0.08848496	1	0.7798475	0.23715709	1
KITLG	0.27443917	1	1	-3.4307288	0.52259551	1
KIZ	-0.0190939	0.69640573	1	0.11850499	0.94306829	1
KL	0.27443917	1	1	1.26303441	1	1
KLB	-3.2412286	0.40765452	1	-1.0272919	0.8895985	1
KLC1	0.11845835	0.2627786	1	0.6879705	0.00663576	1
KLC2	-1.7602526	0.67317602	1	-0.7745535	0.49657976	1
KLC3	0.27443917	1	1	1.26303441	1	1
KLC4	0.23704811	0.96720032	1	-0.5086648	0.41785217	1

KLF1	0.27443917	1	1	1.26303441	1	1
KLF10	0.4951346	0.74118136	1	-0.9191305	0.10643697	1
KLF11	0.49465353	0.35735265	1	0.11299695	0.64414461	1
KLF12	0.00028581	0.87111169	1	0.47714004	0.00242945	1
KLF13	0.24827017	0.6892588	1	-0.1454969	0.262509	1
KLF14	0.27443917	1	1	1.26303441	1	1
KLF15	0.27443917	1	1	1.26303441	1	1
KLF16	0.27443917	1	1	1.26303441	1	1
KLF17	0.27443917	1	1	1.26303441	1	1
KLF2	-0.531299	0.90476797	1	-0.432225	0.13395869	1
KLF3	0.79151348	0.08927184	1	0.30224564	0.55096419	1
KLF4	3.91191779	0.22569004	1	-0.5206856	0.16425523	1
KLF5	-0.0771801	0.68789913	1	1.67374861	0.52223338	1
KLF6	-0.0095457	0.31123348	1	-0.3428031	0.00359763	1
KLF7	0.45757464	0.20143785	1	1.68795467	0.02516279	1
KLF8	1.76374709	0.01161146	1	0.76236276	0.17573513	1
KLF9	-0.3453115	0.2130573	1	-0.5925164	0.0228932	1
KLHDC1	-0.4081904	0.59834914	1	1.31182872	0.07076613	1
KLHDC10	-0.3236636	0.62821713	1	-0.6831718	0.13100992	1
KLHDC2	0.04978173	0.37285911	1	-0.1481019	0.65470084	1
KLHDC3	-0.661831	0.7278468	1	-1.37832	0.06721027	1
KLHDC4	0.74463009	0.39486392	1	1.30380323	0.01236813	1
KLHDC7A	0.27443917	1	1	1.26303441	1	1
KLHDC7B	0.27443917	1	1	-5.9873876	0.52259551	1
KLHDC8A	0.27443917	1	1	1.26303441	1	1
KLHDC8B	-0.5138967	0.68052236	1	-1.0501503	0.29307123	1
KLHDC9	0.27443917	1	1	-7.4975122	0.3629285	1
KLHL1	0.27443917	1	1	1.26303441	1	1
KLHL10	2.25664156	0.22904601	1	2.26289876	0.04581003	1
KLHL11	1.122784	0.50130889	1	0.24982925	0.48876337	1
KLHL12	-0.5352229	0.61813032	1	-0.0359473	0.5111397	1
KLHL13	0.31433897	0.87213599	1	1.06931799	0.15121606	1
KLHL14	0.27443917	1	1	1.26303441	1	1
KLHL15	-1.1626354	0.98264782	1	-1.4178917	0.35044213	1
KLHL17	7.53880401	0.2752184	1	1.39168173	0.52223338	1
KLHL18	-0.4308257	0.47396837	1	-0.3349885	0.81700903	1
KLHL2	-0.3244915	0.18527651	1	-0.0547862	0.96789946	1
KLHL20	-1.0389155	0.2814225	1	-0.5850243	0.51189862	1
KLHL21	9.81210124	0.02713794	1	0.01782502	0.91988451	1
KLHL22	-0.0408533	0.88964861	1	0.46928497	0.87069768	1
KLHL23	0.27443917	1	1	1.26303441	1	1
KLHL24	-0.0533351	0.42340999	1	0.00882462	0.79981517	1
KLHL25	-0.2829779	0.95315705	1	0.71509801	0.45793728	1

KLHL26	-2.8633524	0.40765452	1	-0.8636149	0.64428388	1
KLHL28	0.01728105	0.41669877	1	-0.1862656	0.79332335	1
KLHL29	-0.2766922	0.68789913	1	2.71324838	0.85548905	1
KLHL3	-0.3247619	0.63596708	1	0.84472897	0.45272743	1
KLHL30	0.27443917	1	1	1.26303441	1	1
KLHL31	0.27443917	1	1	1.26303441	1	1
KLHL32	0.97605302	0.09833938	1	0.11962971	0.78342969	1
KLHL33	-8.557012	0.36779564	1	1.26303441	1	1
KLHL35	0.27443917	1	1	1.26303441	1	1
KLHL36	-9.4138291	0.06784723	1	-9.7693616	0.06553217	1
KLHL4	1.37943808	0.89260809	1	0.73273236	0.65223573	1
KLHL40	0.27443917	1	1	1.26303441	1	1
KLHL41	0.27443917	1	1	-6.9561356	0.52259551	1
KLHL42	-1.3076801	0.64547316	1	-1.5361415	0.14543201	1
KLHL5	0.56589639	0.29182306	1	0.95938599	0.8359943	1
KLHL6	-0.1642598	0.93372462	1	0.26492205	0.26733401	1
KLHL7	0.45270149	0.76174998	1	0.29905234	0.56407206	1
KLHL8	-0.1827788	0.92032224	1	-0.0536471	0.48127235	1
KLHL9	0.16433637	0.82464385	1	-1.2631013	0.04937433	1
KLK10	0.27443917	1	1	1.26303441	1	1
KLK11	0.27443917	1	1	1.26303441	1	1
KLK13	0.27443917	1	1	1.26303441	1	1
KLK14	0.8652481	0.89260809	1	1.28524789	0.8783593	1
KLK4	0.27443917	1	1	1.26303441	1	1
KLK5	0.27443917	1	1	1.26303441	1	1
KLK7	0.27443917	1	1	1.26303441	1	1
KLK8	0.27443917	1	1	1.26303441	1	1
KLKB1	-7.1890866	0.36779564	1	-7.0890539	0.3629285	1
KLLN	0.27443917	1	1	1.26303441	1	1
KLRB1	-0.3421967	0.43478826	1	-1.8135898	0.00010828	1
KLRC1	-0.0117844	0.60071187	1	-0.3187619	0.25510931	1
KLRC2	-1.443434	0.14414877	1	-2.3821531	0.00030763	1
KLRC3	-0.2193922	0.49683429	1	-2.0248815	3.14E-05	0.86719373
KLRD1	-0.2569583	0.79690633	1	-1.5621475	0.00225185	1
KLRF1	-1.4498749	0.53587411	1	-0.7671325	0.78563212	1
KLRF2	10.1189298	0.05637677	1	1.44504466	0.13472045	1
KLRG1	-0.182502	0.85135027	1	-0.690688	0.6306617	1
KLRG2	-5.7676125	0.36779564	1	1.26303441	1	1
KMO	0.27443917	1	1	-8.8675083	0.08544191	1
KMT2A	-0.20283	0.94169649	1	-0.0536819	0.87766789	1
KMT2B	-0.6034407	0.5347848	1	-0.1655283	0.73192451	1
KMT2C	-0.1818365	0.251848	1	0.56950754	0.0001067	1
KMT2D	-0.3904135	0.98636887	1	0.16448459	0.27717625	1

KMT2E	-0.2727312	0.35983188	1	0.01517194	0.57850192	1
KMT5A	0.29683297	0.93375079	1	-0.3219359	0.38972756	1
KMT5B	0.07805009	0.64592787	1	0.33329869	0.13271104	1
KMT5C	1.78843278	0.83770648	1	1.16859855	0.97756721	1
KNCN	0.27443917	1	1	1.26303441	1	1
KNDC1	-8.8783066	0.36779564	1	-6.1725695	0.52259551	1
KNG1	0.27443917	1	1	1.26303441	1	1
KNL1	-0.2511567	0.48452821	1	1.19740039	0.26502162	1
KNOP1	1.00027652	0.32290428	1	-1.2358975	0.12690126	1
KNSTRN	0.27443917	1	1	-7.0361741	0.3629285	1
KNTC1	-2.5621784	0.40765452	1	8.84816196	0.12281968	1
KPNA1	-0.1263873	0.94784049	1	0.08596596	0.90586078	1
KPNA2	3.07217119	0.03011271	1	1.50800902	0.17397131	1
KPNA3	-0.5076934	0.56374824	1	-0.5874287	0.31542022	1
KPNA4	0.10234935	0.52965603	1	0.10045751	0.47381946	1
KPNA5	-0.1497801	0.83183119	1	0.11301601	0.64030547	1
KPNA6	0.5310155	0.24907073	1	1.05880143	0.05385347	1
KPNA7	-5.3209596	0.36779564	1	-6.555996	0.52259551	1
KPNB1	-0.7859221	0.25496209	1	-0.1384456	0.82466228	1
KPTN	0.27829695	0.23586417	1	0.20343435	0.62760797	1
KRAS	-0.4134994	0.96818835	1	-0.0482447	0.99842241	1
KRBA1	0.27443917	1	1	-6.6406954	0.3629285	1
KRBA2	-3.4800425	0.24755874	1	-2.9524074	0.13116413	1
KRBOX1	0.27443917	1	1	-6.942112	0.52259551	1
KRBOX4	0.06101058	0.18593791	1	0.37561329	0.2441523	1
KRCC1	-1.4480212	0.04263658	1	-1.997153	0.00150434	1
KREMEN1	1.7644931	0.45132853	1	4.30958717	0.15452883	1
KREMEN2	0.27443917	1	1	1.26303441	1	1
KRI1	-0.9884686	0.28686408	1	-0.664007	0.48450716	1
KRIT1	0.0953622	0.52890695	1	0.13571039	0.64731989	1
KRR1	-0.6524263	0.79135332	1	-1.5260507	0.01314915	1
KRT10	-0.62618	0.56020917	1	-3.651273	0.00051573	1
KRT12	6.80268521	0.2752184	1	0.65556293	0.52790957	1
KRT13	0.27443917	1	1	1.26303441	1	1
KRT14	0.27443917	1	1	-8.940817	0.52259551	1
KRT15	0.27443917	1	1	-7.6207226	0.52259551	1
KRT16	0.27443917	1	1	1.26303441	1	1
KRT17	0.27443917	1	1	1.26303441	1	1
KRT18	-1.6431313	0.67317602	1	-2.0750389	0.17368463	1
KRT2	0.27443917	1	1	1.26303441	1	1
KRT20	0.27443917	1	1	-7.7958173	0.26373073	1
KRT222	0.27443917	1	1	1.26303441	1	1
KRT23	0.27443917	1	1	-6.9107416	0.52259551	1

KRT27	0.27443917	1	1	-7.3849998	0.52259551	1
KRT28	0.27443917	1	1	1.26303441	1	1
KRT3	0.27443917	1	1	1.26303441	1	1
KRT32	0.27443917	1	1	1.26303441	1	1
KRT33A	0.27443917	1	1	1.26303441	1	1
KRT34	0.27443917	1	1	1.26303441	1	1
KRT35	0.27443917	1	1	1.26303441	1	1
KRT39	0.27443917	1	1	1.26303441	1	1
KRT40	0.27443917	1	1	1.26303441	1	1
KRT5	0.27443917	1	1	-7.6207226	0.52259551	1
KRT7	0.27443917	1	1	1.26303441	1	1
KRT74	0.27443917	1	1	1.26303441	1	1
KRT76	0.27443917	1	1	1.26303441	1	1
KRT78	0.27443917	1	1	1.26303441	1	1
KRT79	0.27443917	1	1	1.26303441	1	1
KRT8	0.27443917	1	1	-7.5195292	0.52259551	1
KRT80	0.27443917	1	1	1.26303441	1	1
KRT86	0.27443917	1	1	1.26303441	1	1
KRTAP19-3	0.27443917	1	1	1.26303441	1	1
KRTCAP2	-1.3212034	0.01642387	1	-2.8251947	1.70E-10	4.68E-06
KRTCAP3	-8.0691205	0.36779564	1	-8.0284161	0.3629285	1
KRTDAP	0.27443917	1	1	1.26303441	1	1
KSR1	-0.0873878	0.41830365	1	0.59799313	0.95609913	1
KSR2	0.27443917	1	1	-6.9070229	0.52259551	1
KTI12	1.47991633	0.45738523	1	1.67007318	0.15660079	1
KTN1	-0.2254105	0.08894016	1	-0.1026234	0.09738878	1
KXD1	-0.2696839	1	1	-1.1648745	0.10575693	1
KY	0.27443917	1	1	1.26303441	1	1
KYAT1	-5.9776946	0.36779564	1	-7.2996743	0.26373073	1
KYAT3	0.09810348	0.95101525	1	-0.3360527	0.40100575	1
KYNU	-2.0848607	0.04078142	1	-1.5446961	0.21128446	1
L1CAM	0.27443917	1	1	1.26303441	1	1
L1TD1	0.27443917	1	1	1.26303441	1	1
L2HGDH	-0.8067879	0.29361047	1	2.23314051	0.19154278	1
L3HYPDH	-7.4529774	0.36779564	1	-9.0564157	0.1474095	1
L3MBTL1	0.27390501	0.53736775	1	-0.5146954	0.88392897	1
L3MBTL2	-0.9204951	0.20599966	1	-0.6222038	0.23794831	1
L3MBTL3	-0.2735375	0.96215964	1	0.42632852	0.28567406	1
L3MBTL4	1.39749319	0.45738523	1	3.39242912	0.35926299	1
LACC1	-2.8460638	0.01430258	1	-0.203368	0.84581067	1
LACRT	0.27443917	1	1	1.26303441	1	1
LACTB	0.3240432	0.90994798	1	0.37347387	0.55197125	1
LACTB2	-0.7528845	0.80601313	1	-0.7225556	0.49195798	1

LACTBL1	-7.730174	0.36779564	1	1.26303441	1	1
LAD1	0.27443917	1	1	1.26303441	1	1
LAG3	8.78868301	0.2752184	1	0.65774493	0.85548905	1
LAGE3	-0.6881188	0.72285324	1	-2.9453961	1.30E-05	0.35939157
LALBA	0.27443917	1	1	1.26303441	1	1
LAMA1	0.27443917	1	1	1.26303441	1	1
LAMA2	8.66246221	0.2752184	1	0.08232431	0.64825479	1
LAMA3	-8.0640064	0.36779564	1	-9.0381342	0.1958879	1
LAMA4	1.83885906	0.01269306	1	1.31658505	0.27995288	1
LAMA5	0.27443917	1	1	1.26303441	1	1
LAMB1	-2.3605641	0.15345093	1	-0.6207526	0.78379585	1
LAMB2	0.27443917	1	1	-8.8099124	0.08544191	1
LAMB3	0.27443917	1	1	-6.9950942	0.52259551	1
LAMB4	8.58621661	0.2752184	1	1.23241605	0.52790957	1
LAMC1	0.27443917	1	1	-4.9715164	0.3629285	1
LAMC2	0.27443917	1	1	-6.7660925	0.3629285	1
LAMC3	0.27443917	1	1	1.26303441	1	1
LAMP1	0.32913978	0.2163025	1	-0.8064011	0.02466212	1
LAMP2	0.33723805	0.44078149	1	0.49453758	0.19507678	1
LAMP3	-1.6091949	0.10117157	1	-2.0663929	0.01532689	1
LAMTOR1	0.20879149	0.83629035	1	-1.5995294	0.00052816	1
LAMTOR2	-1.3061068	0.24880431	1	-3.9193719	4.99E-06	0.13775481
LAMTOR3	0.50298082	0.16208654	1	0.03332055	0.88954427	1
LAMTOR4	-0.8295359	0.29762323	1	-1.9784758	6.65E-05	1
LAMTOR5	-1.9916433	0.06397872	1	-2.7951611	0.00057862	1
LANCL1	0.5879119	0.53736775	1	1.51995835	0.22966192	1
LANCL2	0.67001073	0.8349149	1	0.8121641	0.50930548	1
LANCL3	0.54623527	0.38100177	1	0.55276607	0.46296155	1
LAP3	-0.4630435	0.24467996	1	-0.2558919	0.11151703	1
LAPTM4A	-0.8780159	0.43474224	1	-2.0443351	0.00026689	1
LAPTM4B	-1.5999679	0.14601544	1	-0.7946886	0.32589848	1
LAPTM5	-0.8384361	0.09148841	1	-1.1428268	0.00049558	1
LARGE1	-0.4447533	0.44655887	1	0.38988246	0.27250023	1
LARGE2	0.27443917	1	1	-6.8098858	0.3629285	1
LARP1	0.02695027	0.87445422	1	0.13552233	0.3475358	1
LARP1B	-0.1856073	0.63815497	1	-0.088198	0.44326566	1
LARP4	-0.4500423	0.53745736	1	-0.0124363	0.92284907	1
LARP4B	-0.1650177	0.47485829	1	0.3376401	0.14787704	1
LARP6	0.27443917	1	1	1.26303441	1	1
LARP7	-0.6854755	0.55797888	1	-0.9461865	0.09834208	1
LARS	0.65226601	0.04953908	1	-0.2345688	0.62552052	1
LARS2	0.32755899	0.50836997	1	1.22548705	0.01753907	1
LAS1L	0.53252846	0.48461735	1	0.56045582	0.48487979	1

LASP1	-0.5294419	0.71411778	1	-0.1441661	0.63241341	1
LAT	-1.102281	0.2668225	1	-2.1028352	0.00065556	1
LAT2	-0.3379264	0.92159803	1	-0.6536876	0.03465904	1
LATS1	-0.4382603	0.95928188	1	-0.6044488	0.29909839	1
LATS2	1.0494762	0.00956673	1	1.69566099	0.00032156	1
LAX1	0.145465	0.2869066	1	-0.2573976	0.71064807	1
LAYN	0.27443917	1	1	1.26303441	1	1
LBH	-0.825764	0.16529282	1	-0.8275473	0.13669894	1
LBHD1	0.27443917	1	1	1.26303441	1	1
LBHD2	-5.7676125	0.36779564	1	-10.346475	0.03005553	1
LBP	-7.9472953	0.36779564	1	1.26303441	1	1
LBR	-0.4547429	0.5892106	1	-0.416518	0.35455863	1
LBX2	0.27443917	1	1	1.26303441	1	1
LCA5	-0.2467464	0.81377786	1	1.11612942	0.44648954	1
LCA5L	0.93734488	0.29175766	1	1.02823025	0.31584189	1
LCAT	-0.6769664	0.786083	1	1.42623948	0.23112323	1
LCK	0.16755844	0.44182063	1	-0.0340886	0.86641789	1
LCLAT1	0.04815998	0.91926	1	0.18265971	0.45041562	1
LCMT1	0.0219766	0.80226513	1	-0.0658214	0.77636242	1
LCMT2	0.27443917	1	1	-6.4024451	0.52259551	1
LCN10	0.27443917	1	1	1.26303441	1	1
LCN12	0.27443917	1	1	-7.8194488	0.52259551	1
LCN15	0.27443917	1	1	1.26303441	1	1
LCN2	-5.7676125	0.36779564	1	-9.2196593	0.26373073	1
LCOR	-0.148329	0.35854968	1	0.53758685	0.01930752	1
LCORL	-0.2679571	0.53074477	1	0.27624596	0.16579559	1
LCP1	-0.2153569	0.40234658	1	-0.6947139	1.31E-05	0.36026103
LCP2	-0.300367	0.2072216	1	0.06558333	0.41535944	1
LCT	-7.979308	0.36779564	1	-9.2084134	0.1474095	1
LCTL	0.27443917	1	1	-7.4777692	0.52259551	1
LDAH	0.21733085	0.73418069	1	-0.0455285	0.93826732	1
LDB1	-1.3443889	0.21944591	1	0.27474717	0.4757071	1
LDB2	-0.0470195	0.61939283	1	0.38572728	0.39833087	1
LDB3	1.38131141	0.89260809	1	1.96632591	0.52223338	1
LDHA	0.8981453	0.08217406	1	-0.8041814	0.01189418	1
LDHAL6A	0.27443917	1	1	-8.2786616	0.26373073	1
LDHAL6B	0.27443917	1	1	1.26303441	1	1
LDHB	-0.3742348	0.6482244	1	-0.0596703	0.45477621	1
LDHC	7.85628069	0.2752184	1	1.59445389	0.52223338	1
LDHD	0.27443917	1	1	-5.1407106	0.52259551	1
LDLR	0.61827588	0.00984467	1	0.62508163	0.00389806	1
LDLRAD1	0.27443917	1	1	1.26303441	1	1
LDLRAD2	0.27443917	1	1	1.26303441	1	1

LDLRAD3	-0.5743917	0.16209018	1	-1.2333135	0.05150329	1
LDLRAD4	0.75410285	0.01444576	1	1.13012128	0.00773958	1
LDLRAP1	0.63260766	0.30284575	1	0.88123653	0.07954952	1
LDOC1	-0.7598468	0.68052236	1	-0.7172858	0.64825479	1
LEAP2	0.27443917	1	1	-6.1003655	0.52259551	1
LECT2	0.27443917	1	1	1.26303441	1	1
LEF1	0.32351013	0.06668028	1	1.29090832	0.00079827	1
LEKR1	-8.5439847	0.36779564	1	-7.9913303	0.3629285	1
LEMD1	8.58439559	0.2752184	1	9.57299082	0.12281968	1
LEMD2	-1.1044678	0.19607323	1	-1.2218115	0.06851103	1
LEMD3	0.55205597	0.08602079	1	0.5083594	0.11535912	1
LENEP	0.27443917	1	1	1.26303441	1	1
LENG1	-0.9348217	0.33354446	1	-1.1172367	0.01170675	1
LENG8	-0.031804	0.63017801	1	0.50228001	0.07875696	1
LENG9	-7.0684566	0.36779564	1	-7.7352461	0.1958879	1
LEO1	0.00426111	0.91678459	1	-0.2807669	0.30639318	1
LEP	0.27443917	1	1	1.26303441	1	1
LEPR	0.27443917	1	1	-5.8726831	0.52259551	1
LEPROT	0.59916722	0.36821479	1	-0.0231903	0.76142282	1
LEPROTL1	0.87955273	0.12290329	1	-0.4951854	0.47872372	1
LEPROTL1-1	7.14873999	0.2752184	1	-1.6676467	0.8895985	1
LETM1	-0.207735	0.40910624	1	-0.2652124	0.80117071	1
LETM2	0.35854184	0.51164527	1	0.26405136	0.7924009	1
LETMD1	-0.2903415	0.74370032	1	0.21169988	0.90663716	1
LEUTX	0.27443917	1	1	1.26303441	1	1
LEXM	0.27443917	1	1	-7.7723873	0.3629285	1
LFNG	0.01130704	0.58742444	1	-0.5215188	0.35414982	1
LGALS12	0.27443917	1	1	1.26303441	1	1
LGALS2	0.27443917	1	1	1.26303441	1	1
LGALS3	-1.3841624	0.0014618	1	-2.7678509	2.32E-21	6.41E-17
LGALS3BP	-0.3983279	0.60121663	1	-0.5185842	0.5464629	1
LGALS4	0.27443917	1	1	1.26303441	1	1
LGALS8	-0.9684142	0.40848454	1	-1.3713807	0.08658159	1
LGALSL	-8.5981645	0.36779564	1	-7.094761	0.3629285	1
LGI1	0.27443917	1	1	1.26303441	1	1
LGI2	0.27443917	1	1	1.26303441	1	1
LGI4	-1.3131169	0.90231962	1	-0.926442	0.8895985	1
LGMN	-1.4664074	0.14728833	1	-2.0822322	0.00730922	1
LGR4	0.35466047	0.89260809	1	1.55911051	0.52223338	1
LGR5	0.27443917	1	1	1.26303441	1	1
LGR6	0.27443917	1	1	1.26303441	1	1
LGSN	0.27443917	1	1	-7.2625332	0.52259551	1
LHB	0.27443917	1	1	1.26303441	1	1

LHCGR	0.27443917	1	1	1.26303441	1	1
LHFPL1	1.83227787	0.89260809	1	9.57481184	0.12281968	1
LHFPL2	-1.461239	0.15859143	1	-1.2331578	0.16579643	1
LHFPL3	-7.0684566	0.36779564	1	-7.6752511	0.1958879	1
LHFPL4	9.18917566	0.12052946	1	1.56902092	0.36250784	1
LHFPL5	0.27443917	1	1	-8.3013309	0.3629285	1
LHFPL6	-10.217584	0.11486391	1	-7.1657297	0.3629285	1
LHPP	-1.0252829	0.20548717	1	-0.5253577	0.28835201	1
LHX1	0.27443917	1	1	1.26303441	1	1
LHX2	0.27443917	1	1	1.26303441	1	1
LHX3	0.27443917	1	1	1.26303441	1	1
LHX4	-9.0222939	0.11486391	1	-9.6672312	0.08544191	1
LHX5	0.27443917	1	1	1.26303441	1	1
LHX6	0.27443917	1	1	1.26303441	1	1
LHX8	0.27443917	1	1	1.26303441	1	1
LHX9	0.27443917	1	1	1.26303441	1	1
LIAS	-0.419678	0.84137633	1	-0.420222	0.80841581	1
LIF	-0.6450369	0.96690212	1	0.56084827	0.28503107	1
LIFR	0.27443917	1	1	1.26303441	1	1
LIG1	0.45727164	0.73731576	1	-0.4472998	0.97859566	1
LIG3	-1.1841781	0.54586113	1	-0.4286397	0.63952621	1
LIG4	-0.9712699	0.8025791	1	0.00376563	0.8377889	1
LILRA1	-8.9976745	0.19965135	1	-6.6237736	0.52259551	1
LILRA2	0.27443917	1	1	1.26303441	1	1
LILRA3	-5.7676125	0.36779564	1	-7.9845108	0.1958879	1
LILRA4	-1.4887091	0.67317602	1	-2.8611699	0.02930578	1
LILRA5	0.82297835	0.84452255	1	-1.0393479	0.50701383	1
LILRA6	0.27443917	1	1	1.26303441	1	1
LILRB1	0.68512975	0.84452255	1	-0.144744	0.63952621	1
LILRB3	-1.133048	0.36709546	1	-0.9510004	0.20884962	1
LILRB4	0.27443917	1	1	1.26303441	1	1
LIMA1	-0.143468	0.66794153	1	0.79869328	0.77965139	1
LIMCH1	-10.454603	0.04066178	1	-10.009872	0.03005553	1
LIMD1	-0.9860066	0.31285335	1	-0.4031855	0.93793682	1
LIMD2	-0.5955106	0.3326641	1	-0.7090646	0.06419942	1
LIME1	0.27443917	1	1	1.26303441	1	1
LIMK1	0.55996915	0.44662944	1	-0.1132457	0.40769911	1
LIMK2	-0.9001344	0.08854577	1	-0.2363493	0.43805375	1
LIMS1	-0.3867447	0.38283724	1	-0.4386239	0.17701997	1
LIMS2	0.27443917	1	1	1.26303441	1	1
LIN28A	0.27443917	1	1	1.26303441	1	1
LIN28B	0.27443917	1	1	1.26303441	1	1
LIN37	0.25745146	0.97656842	1	-0.1125609	0.81063457	1

LIN52	0.14635495	0.2869066	1	-0.675637	0.47695733	1
LIN54	-0.2278411	0.82977151	1	-0.4700382	0.61427959	1
LIN7A	7.06868348	0.2752184	1	8.05727872	0.12281968	1
LIN7B	8.60135515	0.12052946	1	-0.8818357	0.50701383	1
LIN7C	1.42941114	0.84452255	1	-0.5341029	0.33490945	1
LIN9	-0.0235232	0.73888986	1	0.08920973	0.81320895	1
LINC02054	0.27443917	1	1	1.26303441	1	1
LINC02688	0.27443917	1	1	1.26303441	1	1
LINC02693	0.27443917	1	1	1.26303441	1	1
LINC02694	0.27443917	1	1	1.26303441	1	1
LINGO1	0.27443917	1	1	1.26303441	1	1
LINGO2	0.27443917	1	1	-6.5447385	0.52259551	1
LINGO3	0.27443917	1	1	1.26303441	1	1
LINGO4	0.27443917	1	1	-7.7970266	0.52259551	1
LINS1	0.08545409	0.82075644	1	-0.9302713	0.3241818	1
LIPA	1.17089364	0.50471147	1	-0.8934876	0.21334401	1
LIPC	10.0360055	0.02713794	1	0.44334312	0.20532746	1
LIPE	-0.3906835	0.25915509	1	-0.8219245	0.11065846	1
LIPG	0.27443917	1	1	1.26303441	1	1
LIPH	7.21585798	0.2752184	1	8.20445321	0.12281968	1
LIPI	0.27443917	1	1	-7.4509909	0.52259551	1
LIPJ	0.27443917	1	1	1.26303441	1	1
LIPK	0.27443917	1	1	1.26303441	1	1
LIPM	0.27443917	1	1	1.26303441	1	1
LIPN	0.27443917	1	1	1.26303441	1	1
LIPT1	0.27443917	1	1	-8.0488934	0.1958879	1
LIPT2	0.27443917	1	1	1.26303441	1	1
LITAF	0.07543178	0.67247196	1	-0.7014859	0.10604846	1
LIX1	0.27443917	1	1	-6.7533917	0.52259551	1
LIX1L	0.77751108	0.35666545	1	-0.4972583	0.3743366	1
LLGL1	0.84460529	0.4634873	1	-0.0288452	0.95888601	1
LLGL2	-0.9485972	0.51838137	1	-0.5533445	0.3518834	1
LLPH	-2.5656856	0.01694273	1	-2.7291808	1.92E-05	0.53030208
LMAN1	-1.1562967	0.07882605	1	-1.3542463	0.01048798	1
LMAN1L	-10.27113	0.02458092	1	-6.7634351	0.52259551	1
LMAN2	-1.6749328	0.01898522	1	-1.9582624	0.00015896	1
LMAN2L	1.5300704	0.12511111	1	1.1391704	0.61768814	1
LMBR1	-0.0331132	0.19938012	1	0.89440757	5.57E-05	1
LMBR1L	-0.3349128	0.89151854	1	-0.3396629	0.60364533	1
LMBRD1	-0.0084807	0.83564736	1	-0.0895032	0.40970464	1
LMBRD2	-1.0889069	0.7473523	1	-0.7261875	0.72147946	1
LMCD1	0.27443917	1	1	1.26303441	1	1
LMF1	0.5684188	0.39846022	1	0.71412367	0.15278336	1

LMF2	-0.0111148	0.32902818	1	-0.2049314	0.66875222	1
LMLN	-3.033334	0.15285381	1	-1.2105129	0.49019995	1
LMLN2	8.009752	0.2752184	1	8.99834724	0.12281968	1
LMNA	-0.0497121	0.38810856	1	0.64264464	0.05803956	1
LMNB1	0.17624042	0.52988065	1	-0.5915297	0.3618332	1
LMNB2	-1.7123355	0.23627707	1	-1.2817421	0.06616391	1
LMNTD1	0.27443917	1	1	1.26303441	1	1
LMNTD2	0.27443917	1	1	-6.0837995	0.52259551	1
LMO1	0.27443917	1	1	1.26303441	1	1
LMO2	-10.001565	0.04066178	1	-11.037661	0.00303706	1
LMO3	0.27443917	1	1	-6.7564726	0.3629285	1
LMO4	0.07316275	0.31118076	1	0.09193638	0.94389758	1
LMO7	0.30755291	0.04831227	1	0.44843516	0.25478667	1
LMO7DN	-1.1090424	0.90231962	1	8.35115616	0.12281968	1
LMOD1	0.27443917	1	1	-6.3711778	0.52259551	1
LMOD2	0.27443917	1	1	1.26303441	1	1
LMOD3	0.11156934	0.81908362	1	0.92626667	0.78601897	1
LMTK2	-0.1772048	0.80256168	1	0.49913073	0.23240377	1
LMTK3	-0.279882	0.61155173	1	-0.0385146	0.97931599	1
LMX1A	0.27443917	1	1	1.26303441	1	1
LMX1B	0.27443917	1	1	1.26303441	1	1
LNP1	1.05136376	0.84452255	1	3.61181626	0.15452883	1
LNPEP	-0.6568014	0.00507714	1	-0.2605414	0.27793274	1
LNPK	1.29101886	0.00681579	1	0.63041339	0.08943105	1
LNX1	-1.0631995	0.90231962	1	8.3298469	0.12281968	1
LNX2	-0.1902635	0.96593089	1	0.31545242	0.88957962	1
LOC1001255	0.27443917	1	1	1.26303441	1	1
LOC1002717	0.27443917	1	1	1.26303441	1	1
LOC1004230	1.79955449	0.23243735	1	-0.6563566	0.41916788	1
LOC1004230	0.82979917	0.4634873	1	-0.8152483	0.50449606	1
LOC1004231	0.27443917	1	1	1.26303441	1	1
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LOC1004231	-0.2154093	0.30801271	1	-2.352604	2.98E-05	0.82137006
LOC1004231	0.27443917	1	1	1.26303441	1	1
LOC1004231	-5.3209596	0.36779564	1	-7.6691576	0.3629285	1
LOC1004231	0.27443917	1	1	1.26303441	1	1
LOC1004231	8.03370604	0.2752184	1	9.02230128	0.12281968	1
LOC1004232	0.27443917	1	1	-6.7533917	0.52259551	1
LOC1004232	-7.1050095	0.36779564	1	1.26303441	1	1
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LOC1004233	0.27443917	1	1	-6.9867024	0.3629285	1
LOC1004234	-6.7650097	0.36779564	1	-8.7485955	0.08544191	1
LOC1004234	9.94050869	0.05637677	1	1.51122252	0.42426179	1
LOC1004235	0.27443917	1	1	-7.44054	0.26373073	1
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LOC1004239	8.35724955	0.2752184	1	0.15871149	0.85064705	1
LOC1004240	7.50291826	0.2752184	1	-0.0219436	0.52790957	1
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LOC1004241	0.27443917	1	1	1.26303441	1	1
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LOC1004241	0.27443917	1	1	1.26303441	1	1
LOC1004242	-0.024541	0.53302764	1	0.54036791	0.2069025	1
LOC1004242	0.27443917	1	1	-7.9976298	0.3629285	1
LOC1004242	0.27443917	1	1	-8.5072482	0.26373073	1
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LOC1004243	-0.8781006	0.0662648	1	-1.2380998	0.00064209	1
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LOC1004244	0.27443917	1	1	-7.1858337	0.52259551	1
LOC1004244	7.45795187	0.2752184	1	-0.2801525	0.88397598	1
LOC1004244	0.27443917	1	1	-8.5249991	0.11188911	1
LOC1004245	0.27443917	1	1	-9.6565769	0.03889469	1
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LOC1004246	-7.5288555	0.36779564	1	-7.2415368	0.52259551	1
LOC1004246	1.80434928	0.23243735	1	1.16635271	0.42698422	1
LOC1004246	0.27443917	1	1	-7.4070859	0.3629285	1
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LOC1004249	8.2633308	0.2752184	1	0.01322793	0.85064705	1
LOC1004249	0.0997818	0.91804289	1	-0.8712615	0.04124203	1
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LOC1004250	0.27443917	1	1	-5.9768042	0.52259551	1
LOC1004250	-10.108238	0.11486391	1	1.26303441	1	1
LOC1004250	-10.157221	0.02458092	1	-9.9951962	0.03889469	1
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LOC1004254	0.79796002	0.52003827	1	0.05302682	0.77167635	1
LOC1004254	0.01475603	0.90231962	1	0.33764331	0.85548905	1
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LOC1004255	-0.7625095	0.68052236	1	-2.4232236	0.220656	1
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LOC695478	0.27443917	1	1	1.26303441	1	1
LOC695523	-6.3243319	0.36779564	1	-5.8384965	0.52259551	1
LOC695533	-0.251825	0.36666569	1	-1.148471	0.01299886	1
LOC695543	0.27443917	1	1	1.26303441	1	1
LOC695569	-6.8053897	0.36779564	1	1.26303441	1	1
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LOC695602	8.95038469	0.2752184	1	3.25859808	0.52223338	1
LOC695613	0.27443917	1	1	1.26303441	1	1
LOC695633	0.27443917	1	1	1.26303441	1	1
LOC695645	0.27443917	1	1	-6.1610132	0.52259551	1
LOC695657	7.10225734	0.2752184	1	-2.3907805	0.37197527	1
LOC695663	0.27443917	1	1	1.26303441	1	1
LOC695670	0.27443917	1	1	-9.3994013	0.06553217	1
LOC695671	0.27443917	1	1	1.26303441	1	1
LOC695703	0.27443917	1	1	-7.048743	0.52259551	1
LOC695715	7.34125167	0.2752184	1	-1.4391207	0.8409801	1
LOC695732	-7.4529774	0.36779564	1	-7.1288372	0.52259551	1
LOC695740	0.27443917	1	1	-5.1407106	0.52259551	1
LOC695743	0.27443917	1	1	-6.2735797	0.52259551	1
LOC695839	0.27443917	1	1	1.26303441	1	1
LOC695847	7.33858656	0.2752184	1	-1.0609876	0.8895985	1
LOC695854	0.27443917	1	1	-7.8409315	0.3629285	1
LOC695887	-0.0667208	0.97950746	1	-0.3030713	0.65746858	1
LOC695895	0.27443917	1	1	-7.4581985	0.3629285	1
LOC695920	-7.7213779	0.36779564	1	-8.6926414	0.26373073	1
LOC695929	0.27443917	1	1	1.26303441	1	1
LOC695938	8.38627362	0.2752184	1	9.37486886	0.12281968	1
LOC695943	0.27443917	1	1	1.26303441	1	1
LOC695949	0.27443917	1	1	-8.3651428	0.1958879	1
LOC695952	0.27443917	1	1	1.26303441	1	1
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LOC696031	-0.943855	0.44601674	1	-0.6675468	0.35957553	1
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LOC696076	-1.3576073	0.21965172	1	-1.5560167	0.06101921	1

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LOC696103	0.27443917	1	1	-5.7242997	0.52259551	1
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LOC696134	0.72802073	0.4634873	1	-0.6064449	0.63656557	1
LOC696140	0.27443917	1	1	-7.3481	0.3629285	1
LOC696144	0.27443917	1	1	-7.574491	0.26373073	1
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LOC696244	0.27443917	1	1	1.26303441	1	1
LOC696282	0.27443917	1	1	1.26303441	1	1
LOC696306	0.27443917	1	1	1.26303441	1	1
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LOC696457	0.27443917	1	1	1.26303441	1	1
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LOC696692	0.27443917	1	1	1.26303441	1	1
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LOC696748	-0.5634826	0.04061157	1	-1.9828562	1.23E-12	3.41E-08
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LOC696785	0.27443917	1	1	-5.8384965	0.52259551	1
LOC696808	-1.3466637	0.57069527	1	-1.0040068	0.83191611	1
LOC696812	2.71396308	0.89260809	1	1.16097605	0.88397598	1
LOC696854	-8.1783893	0.11486391	1	-9.0242722	0.08544191	1
LOC696855	10.2548499	0.12052946	1	11.2434451	0.02855238	1
LOC696872	0.24546024	0.08602113	1	-0.3618349	0.11300173	1
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LOC696885	0.27443917	1	1	1.26303441	1	1
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LOC696937	8.60224999	0.2752184	1	9.59084523	0.12281968	1
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LOC697054	0.27443917	1	1	1.26303441	1	1
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LOC698099	-1.1055363	0.90231962	1	-1.9624983	0.84581067	1
LOC698105	0.27443917	1	1	-9.5909825	0.06553217	1
LOC698130	0.27443917	1	1	-6.9008052	0.26373073	1
LOC698143	-3.1104536	0.25076778	1	-2.710498	0.0801647	1
LOC698152	0.27443917	1	1	-4.8619623	0.3629285	1
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LOC698851	2.78010634	0.15012087	1	-1.8885034	0.01170704	1
LOC698860	-0.3676507	0.80789075	1	0.42611391	0.04731414	1
LOC698874	8.95038469	0.2752184	1	9.93897993	0.12281968	1
LOC698905	0.27443917	1	1	1.26303441	1	1
LOC698907	-0.1803465	0.56584231	1	0.26987961	0.76122138	1
LOC698908	-0.1475906	0.4634873	1	0.43819379	0.15869376	1
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LOC698935	9.30789673	0.2752184	1	10.296492	0.12281968	1
LOC698937	0.27443917	1	1	1.26303441	1	1
LOC698942	0.67944984	0.21369652	1	-1.6923942	0.01258667	1
LOC698999	0.27443917	1	1	1.26303441	1	1
LOC699013	-8.5147461	0.19965135	1	-7.4675493	0.1958879	1
LOC699015	0.27443917	1	1	-5.2186916	0.52259551	1
LOC699053	-0.257787	0.26056869	1	-2.7010518	0.00258107	1
LOC699110	0.09857404	0.74214717	1	-0.4283917	0.13347608	1
LOC699117	0.27443917	1	1	1.26303441	1	1
LOC699121	7.69213392	0.2752184	1	-1.0395173	0.8409801	1
LOC699123	0.27443917	1	1	1.26303441	1	1
LOC699137	0.27443917	1	1	1.26303441	1	1
LOC699166	-5.7150445	0.36779564	1	-10.006025	0.01801327	1
LOC699195	-6.5132161	0.36779564	1	-9.8787515	0.01801327	1
LOC699231	-8.8532949	0.19965135	1	-6.4466238	0.52259551	1
LOC699239	0.27443917	1	1	1.26303441	1	1
LOC699246	0.27443917	1	1	-4.2111359	0.52259551	1
LOC699260	0.27443917	1	1	1.26303441	1	1
LOC699263	0.27443917	1	1	1.26303441	1	1
LOC699292	7.66484764	0.2752184	1	0.23040536	0.52790957	1
LOC699298	0.27443917	1	1	1.26303441	1	1
LOC699301	0.27443917	1	1	1.26303441	1	1
LOC699317	3.66858326	0.05633774	1	1.18643307	0.44856339	1
LOC699321	8.43298848	0.2752184	1	9.42158371	0.12281968	1
LOC699341	0.27443917	1	1	1.26303441	1	1
LOC699342	0.27443917	1	1	1.26303441	1	1
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LOC699373	0.27443917	1	1	1.26303441	1	1
LOC699375	2.64851661	0.11273814	1	-1.6735383	0.02846421	1
LOC699378	-6.7958073	0.36779564	1	1.26303441	1	1
LOC699386	0.27443917	1	1	1.26303441	1	1
LOC699388	8.12125338	0.12052946	1	9.10984862	0.02855238	1
LOC699391	-8.1905591	0.36779564	1	-6.9505947	0.52259551	1
LOC699392	0.27443917	1	1	1.26303441	1	1

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LOC699403	-0.9866764	0.10023452	1	-0.3891037	0.52411244	1
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LOC699417	0.80525738	0.21765356	1	2.26384485	0.01109507	1
LOC699418	-7.8894416	0.36779564	1	1.26303441	1	1
LOC699427	0.27443917	1	1	-6.4024451	0.52259551	1
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LOC699439	0.27443917	1	1	1.26303441	1	1
LOC699443	0.24533342	0.78260611	1	-0.3584455	0.19820522	1
LOC699486	-8.1251606	0.36779564	1	-8.4205581	0.26373073	1
LOC699543	7.50291826	0.2752184	1	0.50806576	0.52790957	1
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LOC699621	-7.7742256	0.36779564	1	1.26303441	1	1
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LOC699631	0.27443917	1	1	-7.4894302	0.3629285	1
LOC699639	0.27443917	1	1	1.26303441	1	1
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LOC699676	0.27443917	1	1	-7.4839255	0.52259551	1
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LOC699687	0.27443917	1	1	1.26303441	1	1
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LOC699732	-8.3105046	0.36779564	1	1.26303441	1	1
LOC699756	-6.5132161	0.36779564	1	-7.1914327	0.3629285	1
LOC699778	0.27443917	1	1	-5.5963704	0.52259551	1
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LOC700113	0.27443917	1	1	-6.3711778	0.52259551	1
LOC700134	-8.6876225	0.19965135	1	-8.6315674	0.11188911	1
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LOC700331	7.407559	0.2752184	1	-0.5221281	0.8895985	1
LOC700337	0.4563101	0.84452255	1	-0.0163354	0.52225797	1
LOC700344	-2.2032377	0.35317179	1	-0.5716063	0.84174049	1
LOC700357	0.27443917	1	1	-7.1798314	0.52259551	1
LOC700393	0.27443917	1	1	1.26303441	1	1
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LOC700575	0.27443917	1	1	-6.9357601	0.3629285	1
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LOC701227	-0.1541753	0.88114457	1	-0.030901	0.71454655	1
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LOC701346	0.27443917	1	1	1.26303441	1	1
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LOC701439	-0.6756432	0.08438443	1	0.19316003	0.91407929	1
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LOC701504	-0.9848574	0.19632242	1	-1.9840972	0.00035221	1
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LOC701554	0.27443917	1	1	-6.1415557	0.52259551	1
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LOC701574	-0.0118643	0.55359593	1	0.33685726	0.98238388	1
LOC701661	0.27443917	1	1	1.26303441	1	1
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LOC701681	0.27443917	1	1	1.26303441	1	1
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LOC702108	0.21340421	0.77149457	1	0.18578696	0.69360234	1
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LOC702124	0.27443917	1	1	-6.2727849	0.52259551	1
LOC702125	0.88429337	0.68789913	1	-0.8972766	0.49657976	1
LOC702140	8.05806834	0.2752184	1	2.40464295	0.52223338	1
LOC702145	-7.341168	0.36779564	1	1.26303441	1	1
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LOC702796	-2.6208363	0.22897837	1	-2.0736148	0.31715576	1
LOC702823	0.27443917	1	1	-4.879732	0.52259551	1
LOC702827	0.27443917	1	1	-7.1264306	0.52259551	1
LOC702847	1.44469233	0.21507949	1	-1.1494281	0.0055712	1
LOC702851	0.27443917	1	1	1.26303441	1	1
LOC702859	0.27443917	1	1	-5.9175855	0.52259551	1
LOC702864	-8.5472305	0.36779564	1	-8.4413027	0.11188911	1
LOC702871	0.27443917	1	1	-5.9427839	0.52259551	1
LOC702875	7.53880401	0.2752184	1	-2.105461	0.13504805	1
LOC702897	0.27443917	1	1	1.26303441	1	1
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LOC702932	0.27443917	1	1	-5.2186916	0.52259551	1
LOC702957	0.27443917	1	1	1.26303441	1	1
LOC702961	0.27443917	1	1	1.26303441	1	1
LOC702978	0.27443917	1	1	1.26303441	1	1
LOC703024	0.27443917	1	1	-8.1308674	0.26373073	1
LOC703026	-0.4332977	0.23073977	1	-0.360944	0.6118251	1
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LOC703037	0.27443917	1	1	1.26303441	1	1
LOC703057	-9.1752657	0.19965135	1	-8.5421859	0.11188911	1
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LOC703060	-2.1469827	0.02717859	1	-2.2544691	0.02456785	1
LOC703132	0.27443917	1	1	1.26303441	1	1
LOC703139	0.27443917	1	1	1.26303441	1	1
LOC703145	0.27443917	1	1	1.26303441	1	1
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LOC703156	0.27443917	1	1	1.26303441	1	1
LOC703174	0.27443917	1	1	1.26303441	1	1
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LOC703224	0.27443917	1	1	1.26303441	1	1
LOC703248	0.27443917	1	1	1.26303441	1	1
LOC703251	0.27443917	1	1	1.26303441	1	1
LOC703257	0.27443917	1	1	1.26303441	1	1
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LOC703363	0.27443917	1	1	1.26303441	1	1
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LOC703425	0.27443917	1	1	1.26303441	1	1
LOC703433	0.27443917	1	1	1.26303441	1	1
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LOC703451	0.27443917	1	1	1.26303441	1	1
LOC703455	0.19232198	0.31015901	1	-2.4141026	3.85E-17	1.06E-12
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LOC703490	0.35424356	0.21454125	1	-0.6488769	0.10649688	1
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LOC703578	0.27443917	1	1	1.26303441	1	1
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LOC703616	-1.3765146	0.45210727	1	-1.7123662	0.11598696	1
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LOC703700	0.22028449	0.31410215	1	0.0883801	0.77890594	1
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LOC703794	-5.3209596	0.36779564	1	-8.1001431	0.1958879	1
LOC703797	-6.0973458	0.36779564	1	1.26303441	1	1
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LOC703857	0.24668369	0.78739631	1	-0.3736051	0.23838665	1
LOC703865	0.27443917	1	1	1.26303441	1	1
LOC703880	3.04764514	0.22904601	1	0.26108882	0.96074344	1
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LOC703919	7.8410451	0.2752184	1	1.88864107	0.8783593	1
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LOC704010	-6.0973458	0.36779564	1	-6.9822875	0.3629285	1
LOC704012	0.27443917	1	1	-6.5218554	0.52259551	1
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LOC704076	0.27443917	1	1	1.26303441	1	1
LOC704083	-0.0376435	0.96067483	1	-2.8485499	0.00010905	1
LOC704104	-0.7105418	0.04069753	1	-1.6408108	6.34E-15	1.75E-10
LOC704111	-7.7742256	0.36779564	1	1.26303441	1	1
LOC704147	0.84594239	0.27244799	1	-1.1561059	0.0010403	1
LOC704173	-0.8544403	0.20274381	1	-0.8108546	0.05319241	1
LOC704229	0.27443917	1	1	1.26303441	1	1
LOC704238	0.27443917	1	1	-8.4569831	0.1474095	1
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LOC704249	8.97526033	0.2752184	1	0.47039134	0.85548905	1
LOC704256	0.27443917	1	1	-7.0410196	0.52259551	1
LOC704272	0.27443917	1	1	1.26303441	1	1
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LOC704337	0.27443917	1	1	1.26303441	1	1
LOC704341	0.69636721	0.82683753	1	-1.8609997	0.06323076	1
LOC704345	0.27443917	1	1	1.26303441	1	1
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LOC704365	0.27443917	1	1	1.26303441	1	1
LOC704393	0.27443917	1	1	1.26303441	1	1
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LOC704623	0.27443917	1	1	1.26303441	1	1
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LOC704658	0.27443917	1	1	1.26303441	1	1
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LOC704674	1.91064053	0.11815455	1	2.5985525	0.04292093	1
LOC704680	-8.3316009	0.36779564	1	1.26303441	1	1
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LOC704917	6.80268521	0.2752184	1	3.09751729	0.52223338	1
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LOC705105	-7.1236435	0.36779564	1	1.26303441	1	1
LOC705174	8.4941128	0.12052946	1	-0.4614046	0.6070784	1
LOC705178	0.27443917	1	1	1.26303441	1	1
LOC705183	0.27443917	1	1	-5.5119993	0.52259551	1
LOC705220	-0.575447	0.68052236	1	-0.9952556	0.49338433	1
LOC705226	1.19825566	0.50471147	1	0.94996405	0.66796533	1
LOC705244	1.20978972	0.11016963	1	0.86791812	0.14657796	1
LOC705254	0.27443917	1	1	1.26303441	1	1
LOC705269	-0.6162024	0.95490481	1	0.62124758	0.06742892	1
LOC705282	0.27443917	1	1	1.26303441	1	1
LOC705299	0.27443917	1	1	1.26303441	1	1
LOC705304	-7.5291749	0.36779564	1	-7.3559268	0.52259551	1
LOC705310	8.99853194	0.12052946	1	0.35486319	0.83384139	1
LOC705325	0.27443917	1	1	1.26303441	1	1
LOC705327	-6.8152308	0.36779564	1	-6.8329748	0.3629285	1
LOC705393	0.27443917	1	1	1.26303441	1	1
LOC705400	-0.6328838	0.33674246	1	-2.6493234	0.0025073	1
LOC705407	0.27443917	1	1	1.26303441	1	1
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LOC705469	-2.4605327	0.90231962	1	-2.7143194	0.2190979	1
LOC705472	0.27443917	1	1	1.26303441	1	1
LOC705476	0.27443917	1	1	1.26303441	1	1
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LOC705500	0.27443917	1	1	1.26303441	1	1
LOC705507	0.27443917	1	1	1.26303441	1	1
LOC705521	0.27443917	1	1	1.26303441	1	1
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LOC705546	-0.7077292	0.13505156	1	0.29829102	0.67461043	1
LOC705596	0.27443917	1	1	-6.6906333	0.3629285	1
LOC705607	0.38281111	0.88635054	1	0.41989193	0.9078442	1
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LOC705652	1.94687284	0.12014815	1	0.23109027	0.67539869	1
LOC705671	-0.9173154	0.02254006	1	-2.026911	9.79E-15	2.70E-10
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LOC705709	0.27443917	1	1	-5.5899638	0.52259551	1

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LOC705754	0.27443917	1	1	1.26303441	1	1
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LOC705840	8.13037911	0.12052946	1	-0.1998933	0.61483126	1
LOC705843	0.27443917	1	1	-7.8946294	0.52259551	1
LOC705884	0.27443917	1	1	1.26303441	1	1
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LOC705962	0.27443917	1	1	1.26303441	1	1
LOC705979	7.53880401	0.2752184	1	3.83363609	0.52223338	1
LOC705988	-9.2660415	0.19965135	1	1.26303441	1	1
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LOC706043	0.27443917	1	1	1.26303441	1	1
LOC706082	0.27443917	1	1	-7.5491681	0.3629285	1
LOC706087	-0.9675824	0.786083	1	-2.3810868	0.00154903	1
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LOC706151	-7.7025031	0.36779564	1	1.26303441	1	1
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LOC706246	0.27443917	1	1	-7.0026147	0.26373073	1
LOC706293	0.27443917	1	1	1.26303441	1	1
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LOC706351	0.27443917	1	1	1.26303441	1	1
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LOC706446	0.36519561	0.51164527	1	1.42618964	0.26286061	1
LOC706449	0.27443917	1	1	1.26303441	1	1
LOC706480	1.87154337	0.49668398	1	-0.2087572	0.62114702	1
LOC706492	0.27443917	1	1	-6.1610132	0.52259551	1
LOC706496	9.7509525	0.05637677	1	1.07891677	0.60904546	1
LOC706511	0.27443917	1	1	1.26303441	1	1
LOC706528	0.27443917	1	1	-6.1364918	0.52259551	1
LOC706532	-0.5264481	0.83579048	1	-1.3536392	0.11598696	1
LOC706568	-0.0907085	0.56076418	1	-1.1845948	0.08703954	1
LOC706575	0.27443917	1	1	-6.8792337	0.52259551	1
LOC706589	0.27443917	1	1	-6.715712	0.52259551	1
LOC706599	-7.9779962	0.36779564	1	1.26303441	1	1
LOC706606	0.27443917	1	1	-5.3653543	0.52259551	1
LOC706608	0.02392782	0.66794153	1	-2.6408612	0.00196093	1
LOC706619	0.2477251	0.62636174	1	1.09831369	0.01381557	1
LOC706634	-0.3471039	0.90231962	1	-2.1380939	0.220656	1
LOC706647	-1.2777936	0.2572727	1	-0.3999917	0.17871933	1
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LOC706691	0.27443917	1	1	1.26303441	1	1
LOC706710	0.27443917	1	1	-7.1828294	0.52259551	1
LOC706711	0.27443917	1	1	1.26303441	1	1
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LOC706715	0.27443917	1	1	1.26303441	1	1
LOC706718	0.27443917	1	1	-6.1519811	0.52259551	1
LOC706722	0.27443917	1	1	-5.4974916	0.52259551	1
LOC706754	0.27443917	1	1	1.26303441	1	1
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LOC706776	-8.4842908	0.36779564	1	1.26303441	1	1
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LOC706800	0.27443917	1	1	1.26303441	1	1
LOC706802	9.44388877	0.12052946	1	2.06716384	0.35926299	1
LOC706815	-0.9495011	0.68052236	1	0.66548726	0.52790957	1
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LOC706886	-8.4842908	0.36779564	1	-5.5505252	0.52259551	1
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LOC707114	8.23524599	0.2752184	1	1.84249258	0.52223338	1
LOC707117	0.27443917	1	1	-8.2199695	0.1958879	1
LOC707129	-1.1395647	0.26056869	1	-0.8955163	0.23017163	1
LOC707167	0.27443917	1	1	1.26303441	1	1
LOC707174	0.27443917	1	1	1.26303441	1	1
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LOC707197	0.27443917	1	1	1.26303441	1	1
LOC707204	-6.0973458	0.36779564	1	-6.2788893	0.52259551	1
LOC707227	-0.2481504	0.69003945	1	-1.754531	1.53E-05	0.4208692
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LOC707261	8.43873091	0.2752184	1	3.92736351	0.52223338	1
LOC707275	0.27443917	1	1	1.26303441	1	1
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LOC707306	0.27443917	1	1	1.26303441	1	1
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LOC707371	-0.6813155	0.90231962	1	9.06600972	0.12281968	1
LOC707383	-0.1526481	0.31830426	1	-0.1587687	0.51846762	1
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LOC707459	-2.0366854	0.12585213	1	-2.0058005	0.01624371	1
LOC707468	-9.3028961	0.19965135	1	-4.2111359	0.52259551	1
LOC707476	8.68570995	0.2752184	1	4.98054203	0.52223338	1
LOC707493	-6.2499036	0.36779564	1	1.26303441	1	1
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LOC707623	-7.5569148	0.36779564	1	-6.5901446	0.52259551	1
LOC707638	0.67760252	0.51816947	1	1.26146328	0.14677281	1
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LOC707841	-8.1854989	0.36779564	1	1.26303441	1	1
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LOC707873	0.05363813	0.21085317	1	0.35874217	0.57112207	1
LOC707884	1.87292494	0.22904601	1	0.46691226	0.43521235	1
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LOC709056	6.97043224	0.2752184	1	7.95902748	0.12281968	1
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LOC709077	1.62301338	0.89260809	1	0.00047758	0.64825479	1
LOC709081	8.43298848	0.2752184	1	9.42158371	0.12281968	1
LOC709083	-0.2404637	0.21150103	1	0.265364	0.11232489	1
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LOC709146	0.27443917	1	1	1.26303441	1	1
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LOC709194	0.27443917	1	1	1.26303441	1	1
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LOC709296	-7.8095365	0.36779564	1	-8.0739085	0.3629285	1
LOC709304	-5.3209596	0.36779564	1	1.26303441	1	1
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LOC709324	-6.3243319	0.36779564	1	1.26303441	1	1
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LOC709583	-3.1973684	0.24755874	1	-4.0862597	0.00797373	1
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LOC709671	-0.0777141	0.68052236	1	9.42158371	0.12281968	1
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LOC709988	0.27443917	1	1	-7.3082032	0.3629285	1

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LOC710137	-5.7150445	0.36779564	1	-8.3755785	0.1958879	1
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LOC710261	0.27443917	1	1	1.26303441	1	1
LOC710274	-8.2395424	0.36779564	1	-7.7591277	0.26373073	1
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LOC710293	-0.6250823	0.76143003	1	-0.7437711	0.0670391	1
LOC710317	-6.8982058	0.19965135	1	-9.6370251	0.03889469	1
LOC710331	0.27443917	1	1	1.26303441	1	1
LOC710358	-2.3335629	0.35662101	1	-2.2598436	0.31368048	1
LOC710361	0.27443917	1	1	1.26303441	1	1
LOC710412	0.27443917	1	1	1.26303441	1	1
LOC710455	0.27443917	1	1	1.26303441	1	1
LOC710477	0.27443917	1	1	1.26303441	1	1
LOC710487	0.27443917	1	1	1.26303441	1	1
LOC710502	0.27443917	1	1	-5.8553883	0.52259551	1
LOC710516	0.27443917	1	1	-6.6237736	0.52259551	1
LOC710527	0.27443917	1	1	1.26303441	1	1
LOC710533	0.27443917	1	1	1.26303441	1	1
LOC710558	0.27443917	1	1	1.26303441	1	1
LOC710583	2.86236382	0.89260809	1	-0.4056793	0.38465738	1
LOC710595	0.27443917	1	1	1.26303441	1	1
LOC710627	0.27443917	1	1	1.26303441	1	1
LOC710638	0.27443917	1	1	1.26303441	1	1
LOC710641	-5.3209596	0.36779564	1	1.26303441	1	1
LOC710642	0.06752707	0.18746512	1	0.9453993	0.10917231	1
LOC710644	0.27443917	1	1	1.26303441	1	1
LOC710661	-1.5714808	0.18321718	1	-0.7636553	0.48265405	1
LOC710665	0.27443917	1	1	-7.9669169	0.26373073	1
LOC710682	0.27443917	1	1	-6.739	0.3629285	1
LOC710709	0.27443917	1	1	1.26303441	1	1
LOC710710	0.27443917	1	1	1.26303441	1	1
LOC710726	0.27443917	1	1	1.26303441	1	1

LOC710748	0.27443917	1	1	-6.7634351	0.52259551	1
LOC710759	1.20895829	0.51164527	1	1.58807195	0.42154953	1
LOC710765	0.27443917	1	1	1.26303441	1	1
LOC710798	0.27443917	1	1	-4.8619623	0.3629285	1
LOC710821	0.27443917	1	1	1.26303441	1	1
LOC710859	0.27443917	1	1	1.26303441	1	1
LOC710876	-0.1735058	0.73223182	1	-0.4151043	0.82932413	1
LOC710877	0.27443917	1	1	1.26303441	1	1
LOC710880	0.27443917	1	1	1.26303441	1	1
LOC710896	0.27443917	1	1	1.26303441	1	1
LOC710897	0.65554818	0.24724347	1	0.32835368	0.30157994	1
LOC710905	0.27443917	1	1	1.26303441	1	1
LOC710937	7.69213392	0.2752184	1	8.68072916	0.12281968	1
LOC710951	0.49279001	0.04831068	1	0.21998668	0.6607295	1
LOC710961	0.04013772	0.42064722	1	-0.9881761	0.22523768	1
LOC711031	-0.1092348	0.9378002	1	-1.1997744	0.00022287	1
LOC711043	0.27443917	1	1	-7.011408	0.3629285	1
LOC711061	0.27443917	1	1	1.26303441	1	1
LOC711062	-8.7552244	0.19965135	1	-9.5636662	0.05042498	1
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LOC711101	0.27443917	1	1	1.26303441	1	1
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LOC711141	0.27443917	1	1	1.26303441	1	1
LOC711147	0.27443917	1	1	-3.4307288	0.52259551	1
LOC711158	0.27443917	1	1	-6.3252494	0.52259551	1
LOC711174	0.27443917	1	1	1.26303441	1	1
LOC711183	0.27443917	1	1	1.26303441	1	1
LOC711192	0.27443917	1	1	1.26303441	1	1
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LOC711211	0.27443917	1	1	1.26303441	1	1
LOC711226	0.27443917	1	1	1.26303441	1	1
LOC711229	0.27443917	1	1	1.26303441	1	1
LOC711295	0.11325203	0.45979662	1	0.40883603	0.38899215	1
LOC711309	0.27443917	1	1	1.26303441	1	1
LOC711318	0.27443917	1	1	-3.7413079	0.52259551	1
LOC711324	-7.0810037	0.36779564	1	-8.1228813	0.3629285	1
LOC711374	0.27443917	1	1	1.26303441	1	1
LOC711376	0.78540068	0.3701813	1	0.3778192	0.61021825	1
LOC711386	0.27443917	1	1	1.26303441	1	1
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LOC711432	0.27443917	1	1	-9.2602754	0.03889469	1
LOC711440	0.11505612	0.90231962	1	-2.4894154	0.220656	1
LOC711449	-6.3243319	0.36779564	1	1.26303441	1	1
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LOC711491	0.27443917	1	1	1.26303441	1	1
LOC711508	0.27443917	1	1	1.26303441	1	1
LOC711523	-0.2395903	0.78701012	1	1.08424206	0.05208434	1
LOC711531	0.14480944	0.28073696	1	-0.0279255	0.653343	1
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LOC711592	0.27443917	1	1	-7.9853558	0.3629285	1
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LOC711634	0.27443917	1	1	1.26303441	1	1
LOC711644	0.27443917	1	1	-6.5447385	0.52259551	1
LOC711652	0.89469099	0.25401246	1	1.10773504	0.08898905	1
LOC711656	8.27831729	0.2752184	1	9.26691253	0.12281968	1
LOC711682	0.27443917	1	1	1.26303441	1	1
LOC711690	0.35018581	0.98125377	1	-1.1896112	0.03681003	1
LOC711709	0.27443917	1	1	1.26303441	1	1
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LOC711760	0.27443917	1	1	-6.5248776	0.3629285	1
LOC711798	0.62322245	0.80799068	1	-1.6930307	0.00518319	1
LOC711803	0.27443917	1	1	1.26303441	1	1
LOC711820	0.27443917	1	1	1.26303441	1	1
LOC711841	0.27443917	1	1	1.26303441	1	1
LOC711871	8.29532031	0.2752184	1	1.7610149	0.52223338	1
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LOC711964	0.27443917	1	1	-7.6648624	0.26373073	1
LOC711975	0.27443917	1	1	1.26303441	1	1
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LOC712118	0.27443917	1	1	-5.8384965	0.52259551	1
LOC712123	0.27443917	1	1	1.26303441	1	1
LOC712126	-8.8604164	0.36779564	1	1.26303441	1	1
LOC712128	-1.7472076	0.25400575	1	-0.9005833	0.85064705	1
LOC712137	0.27443917	1	1	1.26303441	1	1
LOC712148	0.27443917	1	1	1.26303441	1	1
LOC712157	0.27443917	1	1	1.26303441	1	1

LOC712160	-0.8498579	0.24880431	1	3.91302	0.15452883	1
LOC712181	0.27443917	1	1	1.26303441	1	1
LOC712182	-1.7642729	0.3632831	1	-0.3471198	0.64073136	1
LOC712203	0.14689946	0.73529869	1	0.04489381	0.80066161	1
LOC712235	0.27443917	1	1	1.26303441	1	1
LOC712240	1.2051432	0.45738523	1	0.54641773	0.60321842	1
LOC712245	0.27443917	1	1	1.26303441	1	1
LOC712250	0.27443917	1	1	1.26303441	1	1
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LOC712274	0.53246692	0.77325867	1	-1.8290235	6.37E-16	1.76E-11
LOC712294	-0.0511	0.93589205	1	0.35703955	0.36551995	1
LOC712324	-2.1159975	0.06262401	1	-2.5966872	0.00035553	1
LOC712329	0.27443917	1	1	-8.7741317	0.1958879	1
LOC712330	0.27443917	1	1	1.26303441	1	1
LOC712349	-7.6591732	0.36779564	1	-8.4857519	0.1958879	1
LOC712404	0.27443917	1	1	-6.0701163	0.3629285	1
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LOC712448	0.27443917	1	1	1.26303441	1	1
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LOC712609	0.27443917	1	1	1.26303441	1	1
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LOC712630	0.27443917	1	1	-5.8736835	0.52259551	1
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LOC712687	0.27443917	1	1	1.26303441	1	1
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LOC712843	0.27443917	1	1	1.26303441	1	1
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LOC713003	0.27443917	1	1	1.26303441	1	1
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LOC713120	2.03572037	0.00766496	1	1.77247252	0.00167821	1
LOC713150	0.27443917	1	1	-6.2981694	0.52259551	1
LOC713151	0.27443917	1	1	1.26303441	1	1
LOC713152	0.13440681	0.56987499	1	0.53399264	0.65441492	1
LOC713156	0.27443917	1	1	1.26303441	1	1
LOC713189	-1.7315806	0.25076778	1	-0.9059307	0.38210003	1
LOC713247	0.27443917	1	1	1.26303441	1	1
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LOC713272	0.27443917	1	1	1.26303441	1	1
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LOC713300	0.27443917	1	1	-7.9489076	0.1958879	1
LOC713313	0.27443917	1	1	1.26303441	1	1
LOC713332	0.29464603	0.68789913	1	1.8559831	0.8783593	1
LOC713341	0.27443917	1	1	1.26303441	1	1
LOC713373	0.27443917	1	1	1.26303441	1	1
LOC713382	0.27443917	1	1	1.26303441	1	1
LOC713437	0.27443917	1	1	1.26303441	1	1
LOC713452	0.56892644	0.4634873	1	-0.2171907	0.8377889	1
LOC713461	0.27443917	1	1	1.26303441	1	1
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LOC713469	0.27443917	1	1	-8.0652429	0.3629285	1
LOC713482	0.27443917	1	1	1.26303441	1	1
LOC713490	-0.0801757	0.86316811	1	0.02145008	0.9518451	1
LOC713497	-6.8053897	0.36779564	1	1.26303441	1	1
LOC713507	0.27443917	1	1	1.26303441	1	1
LOC713514	0.27443917	1	1	1.26303441	1	1
LOC713542	0.27443917	1	1	1.26303441	1	1
LOC713553	-1.613873	0.43721314	1	-1.7422702	0.05319042	1
LOC713559	0.27443917	1	1	1.26303441	1	1
LOC713572	-0.7222156	0.45908992	1	-0.891618	0.02804308	1
LOC713573	0.27443917	1	1	1.26303441	1	1
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LOC713654	0.27443917	1	1	1.26303441	1	1
LOC713683	0.27443917	1	1	1.26303441	1	1
LOC713693	0.27443917	1	1	-6.8796385	0.52259551	1
LOC713709	0.27443917	1	1	1.26303441	1	1
LOC713714	0.27443917	1	1	-8.3986731	0.1474095	1
LOC713738	-0.0796307	0.90231962	1	9.24648214	0.12281968	1
LOC713745	-0.9228748	0.38822059	1	0.89074884	0.31784579	1
LOC713758	-7.0684566	0.36779564	1	1.26303441	1	1
LOC713772	-2.7603191	0.41260835	1	-0.5470173	0.88397598	1
LOC713774	0.27443917	1	1	-6.9561356	0.52259551	1
LOC713776	7.14873999	0.2752184	1	8.13733522	0.12281968	1
LOC713780	0.27443917	1	1	1.26303441	1	1
LOC713791	8.2633308	0.2752184	1	2.94051245	0.52223338	1
LOC713861	0.27443917	1	1	1.26303441	1	1
LOC713879	0.98279009	0.50663218	1	0.75070817	0.94819686	1
LOC713892	2.51002811	0.22904601	1	0.40574312	0.26938028	1
LOC713903	0.27443917	1	1	1.26303441	1	1
LOC713942	-9.3909501	0.36779564	1	-8.8956715	0.1958879	1
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LOC714001	0.27443917	1	1	1.26303441	1	1
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LOC714185	0.27443917	1	1	1.26303441	1	1
LOC714188	-0.8998528	0.69865242	1	-0.3309604	0.87967906	1
LOC714190	0.29070058	0.40035829	1	-0.0312569	0.98501251	1

LOC714206	0.27443917	1	1	1.26303441	1	1
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LOC714226	0.36554391	0.1347825	1	1.02237868	0.04736353	1
LOC714242	0.27443917	1	1	1.26303441	1	1
LOC714257	0.27443917	1	1	1.26303441	1	1
LOC714265	0.51867804	0.37934073	1	0.79123505	0.09093716	1
LOC714349	0.27443917	1	1	1.26303441	1	1
LOC714419	0.27443917	1	1	1.26303441	1	1
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LOC714466	-2.2382052	0.00700125	1	-0.9013826	0.16107896	1
LOC714484	0.27443917	1	1	1.26303441	1	1
LOC714514	7.36256092	0.2752184	1	8.35115616	0.12281968	1
LOC714566	-2.6505049	0.67317602	1	-0.720738	0.8895985	1
LOC714576	-1.4000793	0.04589915	1	-2.7317141	0.00010093	1
LOC714598	0.57580451	0.9659454	1	-1.5160238	0.00082217	1
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LOC714656	0.27443917	1	1	1.26303441	1	1
LOC714675	0.27443917	1	1	1.26303441	1	1
LOC714683	0.27443917	1	1	1.26303441	1	1
LOC714689	-1.4244623	0.24373878	1	-0.9070308	0.41889513	1
LOC714700	0.27443917	1	1	1.26303441	1	1
LOC714737	-8.8783066	0.36779564	1	-6.8066353	0.52259551	1
LOC714758	-0.4064012	0.35648291	1	0.9662472	0.70120396	1
LOC714782	0.27443917	1	1	1.26303441	1	1
LOC714786	0.27443917	1	1	1.26303441	1	1
LOC714801	0.27443917	1	1	-5.8384965	0.52259551	1
LOC714818	8.1751968	0.2752184	1	-1.4052397	0.37449073	1
LOC714855	-7.8927324	0.36779564	1	1.26303441	1	1
LOC714877	-0.5754449	0.86503869	1	-2.2843632	0.06323076	1
LOC714894	0.27443917	1	1	1.26303441	1	1
LOC714902	8.1751968	0.2752184	1	9.16379203	0.12281968	1
LOC714943	0.27443917	1	1	1.26303441	1	1
LOC714964	0.16561253	0.72570998	1	-1.4866282	3.84E-07	0.01058871
LOC715023	0.27443917	1	1	1.26303441	1	1
LOC715037	0.27443917	1	1	-6.343917	0.52259551	1
LOC715041	-0.5655639	0.68052236	1	-2.8659666	0.0110657	1
LOC715043	8.23524599	0.2752184	1	-1.9711309	0.05068986	1
LOC715094	-8.4541306	0.36779564	1	1.26303441	1	1
LOC715097	-1.2655333	0.41759769	1	-0.8299416	0.49019995	1
LOC715131	0.27443917	1	1	1.26303441	1	1
LOC715154	0.27443917	1	1	1.26303441	1	1
LOC715159	0.27443917	1	1	1.26303441	1	1
LOC715166	0.27443917	1	1	1.26303441	1	1

LOC715179	0.27443917	1	1	1.26303441	1	1
LOC715215	0.27443917	1	1	-6.9950942	0.52259551	1
LOC715218	-8.3851619	0.19965135	1	-8.1804535	0.1958879	1
LOC715257	-0.5100751	0.49356008	1	0.53172696	0.32542048	1
LOC715289	-0.6343094	0.77429394	1	0.16657759	0.73508844	1
LOC715292	0.27443917	1	1	1.26303441	1	1
LOC715304	0.27443917	1	1	1.26303441	1	1
LOC715323	1.18482363	0.89260809	1	2.24439156	0.52223338	1
LOC715327	-7.0491558	0.36779564	1	1.26303441	1	1
LOC715358	0.20450215	0.68789913	1	-1.8235052	0.28706691	1
LOC715388	-0.286644	0.74969731	1	0.25013627	0.78401204	1
LOC715400	0.27443917	1	1	1.26303441	1	1
LOC715487	0.27443917	1	1	1.26303441	1	1
LOC715580	-9.2793125	0.19965135	1	-9.0621539	0.08544191	1
LOC715581	0.27443917	1	1	1.26303441	1	1
LOC715594	0.27443917	1	1	1.26303441	1	1
LOC715616	-1.3619057	0.68052236	1	-1.1996517	0.64032309	1
LOC715623	-7.9472953	0.36779564	1	1.26303441	1	1
LOC715641	0.27443917	1	1	1.26303441	1	1
LOC715668	0.27443917	1	1	-6.4161414	0.52259551	1
LOC715684	-8.8182848	0.19965135	1	-7.2297132	0.3629285	1
LOC715685	-3.2818891	0.085286	1	-1.4969688	0.58013632	1
LOC715687	0.27443917	1	1	1.26303441	1	1
LOC715706	-1.5216075	0.45470284	1	-0.2086121	0.6605472	1
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LOC715716	0.27443917	1	1	1.26303441	1	1
LOC715730	0.27443917	1	1	1.26303441	1	1
LOC715736	0.27443917	1	1	1.26303441	1	1
LOC715778	0.27443917	1	1	1.26303441	1	1
LOC715795	10.2605247	0.2752184	1	11.2491199	0.12281968	1
LOC715804	0.27443917	1	1	-4.2369282	0.52259551	1
LOC715814	0.27443917	1	1	1.26303441	1	1
LOC715821	0.27443917	1	1	-6.3046544	0.52259551	1
LOC715827	7.42725953	0.2752184	1	-0.6939962	0.8895985	1
LOC715898	0.27443917	1	1	1.26303441	1	1
LOC715912	0.63765297	0.4226224	1	0.38566423	0.64825479	1
LOC715928	0.27443917	1	1	1.26303441	1	1
LOC715936	1.53660061	0.06328379	1	2.45467764	0.00386209	1
LOC715938	0.27443917	1	1	1.26303441	1	1
LOC715948	0.27443917	1	1	1.26303441	1	1
LOC715954	8.29532031	0.2752184	1	-0.1620926	0.84581067	1
LOC716016	7.71846174	0.2752184	1	8.70705698	0.12281968	1
LOC716034	0.68757276	0.02947687	1	-0.724079	0.14636199	1

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LOC716070	-1.1695156	0.55540624	1	-2.5801479	0.15331172	1
LOC716072	-6.3243319	0.36779564	1	1.26303441	1	1
LOC716074	0.49820648	0.22572511	1	1.17438236	0.08629926	1
LOC716075	0.27443917	1	1	-6.475022	0.52259551	1
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LOC716126	0.27443917	1	1	1.26303441	1	1
LOC716130	0.27443917	1	1	1.26303441	1	1
LOC716142	0.27443917	1	1	1.26303441	1	1
LOC716147	-0.1658417	0.74244434	1	0.70430943	0.0416125	1
LOC716150	0.27443917	1	1	1.26303441	1	1
LOC716161	-2.2563934	0.01420659	1	-1.9744897	0.01269976	1
LOC716181	0.27443917	1	1	1.26303441	1	1
LOC716188	-0.5432785	0.98303429	1	0.4467569	0.38344248	1
LOC716204	7.33858656	0.2752184	1	0.9339143	0.88397598	1
LOC716221	8.03370604	0.2752184	1	9.02230128	0.12281968	1
LOC716240	0.27443917	1	1	-4.2111359	0.52259551	1
LOC716242	0.27443917	1	1	1.26303441	1	1
LOC716248	0.27443917	1	1	1.26303441	1	1
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LOC716342	0.27443917	1	1	1.26303441	1	1
LOC716368	0.27443917	1	1	1.26303441	1	1
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LOC716404	0.27443917	1	1	1.26303441	1	1
LOC716479	-0.6112305	0.80862687	1	-0.4439081	0.78379585	1
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LOC716527	-2.360775	0.35662101	1	-1.6913112	0.32241586	1
LOC716530	-0.1408195	0.9353056	1	-1.9359654	1.98E-05	0.54725342
LOC716589	-7.4474044	0.19965135	1	-10.185775	0.00651331	1
LOC716633	-0.3960867	0.90231962	1	-0.8456851	0.8895985	1
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LOC716730	0.27443917	1	1	1.26303441	1	1
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LOC716748	0.27443917	1	1	-5.353932	0.52259551	1
LOC716758	0.27443917	1	1	1.26303441	1	1
LOC716782	0.39555122	0.89260809	1	-1.6131723	0.13702304	1
LOC716824	0.27443917	1	1	1.26303441	1	1
LOC716834	-0.3428222	0.4226224	1	-2.4153162	0.04955214	1
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LOC716974	-0.204022	0.95171235	1	0.9247861	0.11472728	1
LOC716997	0.27443917	1	1	-7.849649	0.26373073	1
LOC717030	0.47418115	0.53587411	1	1.63334752	0.24481988	1
LOC717053	0.27443917	1	1	-8.590726	0.1474095	1
LOC717080	0.27443917	1	1	1.26303441	1	1
LOC717098	-0.827407	0.80601313	1	0.25519801	0.2069025	1
LOC717105	8.21131794	0.12052946	1	3.69995054	0.15452883	1
LOC717123	2.67163227	0.02370094	1	2.62194616	0.00087656	1
LOC717142	-0.2164623	0.7964018	1	1.35076406	0.30790943	1
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LOC717236	-7.6508016	0.36779564	1	1.26303441	1	1
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LOC717246	7.67733933	0.2752184	1	2.35452098	0.52223338	1
LOC717285	0.27443917	1	1	1.26303441	1	1
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LOC717289	0.62893534	0.52434985	1	-2.1211595	0.01994531	1
LOC717331	-9.2582123	0.19965135	1	-6.4248043	0.3629285	1
LOC717349	-7.9014069	0.36779564	1	-8.7928133	0.26373073	1
LOC717393	-0.3377703	0.80120371	1	-1.036268	0.77569117	1
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LOC717656	-0.6928655	0.34466496	1	1.05803809	0.15233364	1

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LOC717842	1.10313972	0.92075933	1	2.47222681	0.0451437	1
LOC717846	7.21585798	0.2752184	1	0.22100548	0.52790957	1
LOC717850	0.27443917	1	1	1.26303441	1	1
LOC717853	1.59420436	0.45738523	1	1.35480416	0.365771	1
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LOC717871	0.27443917	1	1	1.26303441	1	1
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LOC717970	0.27443917	1	1	1.26303441	1	1
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LOC717978	-0.7258132	0.77369924	1	0.11783811	0.8835816	1
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LOC718035	8.16837511	0.2752184	1	9.15697035	0.12281968	1
LOC718055	0.27443917	1	1	1.26303441	1	1
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LOC718077	1.45926205	0.2078587	1	0.48819493	0.46503297	1
LOC718099	-0.612607	0.78411467	1	-1.1338456	0.26213194	1
LOC718141	0.27443917	1	1	1.26303441	1	1
LOC718153	0.27443917	1	1	1.26303441	1	1
LOC718160	0.27443917	1	1	1.26303441	1	1
LOC718162	0.27443917	1	1	1.26303441	1	1
LOC718170	0.27443917	1	1	1.26303441	1	1
LOC718184	0.27443917	1	1	-6.4956475	0.3629285	1
LOC718212	0.27443917	1	1	1.26303441	1	1
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LOC718258	1.10883905	0.4634873	1	-0.200071	0.95515215	1
LOC718267	0.27443917	1	1	-5.9873876	0.52259551	1
LOC718347	0.27443917	1	1	-9.2661186	0.11188911	1
LOC718349	0.27443917	1	1	1.26303441	1	1
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LOC718378	0.27443917	1	1	1.26303441	1	1
LOC718390	0.27443917	1	1	1.26303441	1	1
LOC718403	-8.3675117	0.19965135	1	-9.3918109	0.06553217	1
LOC718406	0.59086551	0.37292218	1	0.34596017	0.14734383	1
LOC718407	0.27443917	1	1	-7.2344196	0.3629285	1
LOC718408	0.27443917	1	1	-4.879732	0.52259551	1
LOC718409	8.25788691	0.2752184	1	0.04050399	0.88397598	1
LOC718434	-0.5925136	0.69865242	1	-1.2923633	0.06970502	1
LOC718451	-0.7839577	0.68052236	1	0.34233307	0.85064705	1
LOC718454	-7.2890494	0.19965135	1	-8.5979226	0.26373073	1
LOC718458	0.27443917	1	1	1.26303441	1	1
LOC718462	-0.2340581	0.80862687	1	3.14959034	0.35926299	1
LOC718478	-1.9247668	0.67317602	1	-3.8935876	0.00616728	1
LOC718486	-0.3204381	0.79002376	1	-0.6806058	0.34460528	1
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LOC718497	0.27443917	1	1	1.26303441	1	1
LOC718510	-0.3559421	0.82464385	1	0.63618249	0.60291269	1
LOC718515	0.27443917	1	1	1.26303441	1	1
LOC718556	0.83628258	0.49623008	1	-1.9791755	0.00053273	1
LOC718576	1.51557194	0.02081943	1	1.95606411	0.0036226	1
LOC718594	0.15671224	0.29236075	1	-0.2954557	0.54798575	1
LOC718596	0.27443917	1	1	-3.7413079	0.52259551	1
LOC718612	0.27443917	1	1	-6.3759515	0.3629285	1
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LOC718673	-0.1822247	0.90231962	1	8.20445321	0.12281968	1
LOC718677	-8.288628	0.36779564	1	-5.5899638	0.52259551	1
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LOC718731	0.27443917	1	1	1.26303441	1	1
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LOC718752	0.27443917	1	1	1.26303441	1	1
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LOC719017	-9.914093	0.36779564	1	1.26303441	1	1
LOC719029	1.52494188	0.89260809	1	-0.2706468	0.8895985	1
LOC719056	0.27443917	1	1	1.26303441	1	1
LOC719082	0.20685253	0.47857291	1	0.16240898	0.77917518	1
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LOC719180	7.631984	0.2752184	1	8.62057924	0.12281968	1
LOC719232	-0.1410219	0.99148393	1	-1.3687841	0.08621875	1
LOC719235	-6.7100151	0.36779564	1	-7.8271988	0.26373073	1
LOC719242	1.66179564	0.83770648	1	-2.898725	0.01760693	1
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LOC719250	-1.1150142	0.4020934	1	-2.5557626	5.55E-05	1
LOC719262	0.12485944	0.92159449	1	0.57807819	0.78401204	1
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LOC719341	-0.4436687	0.17229221	1	0.06008777	0.96120289	1
LOC719351	-0.9482967	0.84609314	1	-0.2944682	0.57854843	1
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LOC719420	0.27443917	1	1	1.26303441	1	1
LOC719437	-1.8743615	0.91579114	1	-0.2358787	0.472374	1
LOC719464	0.27443917	1	1	-6.3888789	0.52259551	1
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LOC719662	-1.2252648	0.21765356	1	1.71526605	0.60291269	1
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LOC719702	-1.3622833	0.00142792	1	-1.8927039	2.19E-07	0.00605019
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LOC719797	0.27443917	1	1	1.26303441	1	1
LOC719811	1.47266347	0.32300204	1	-1.8123509	0.00246675	1
LOC719831	-6.0587014	0.36779564	1	-9.2984543	0.08544191	1
LOC719895	0.27443917	1	1	1.26303441	1	1
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LOC719970	-7.0684566	0.36779564	1	1.26303441	1	1
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LOC720015	0.27443917	1	1	1.26303441	1	1
LOC720017	-1.4277631	0.15910718	1	-0.4842359	0.38210003	1
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LOC720024	7.45795187	0.2752184	1	-1.670227	0.64032309	1
LOC720035	0.40599573	0.20711262	1	0.84915702	0.04702773	1
LOC720058	-0.0157992	0.52174859	1	-0.010657	0.44912727	1
LOC720095	0.27443917	1	1	-5.8736835	0.52259551	1
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LOC720132	-0.5186044	0.83962343	1	-2.1046109	0.00434278	1
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LOC720167	10.2230873	0.12052946	1	0.75920251	0.65441492	1
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LOC720206	0.27443917	1	1	1.26303441	1	1
LOC720207	1.35695009	0.33730872	1	0.6597199	0.22098622	1
LOC720214	-0.1200691	0.94847897	1	0.83046091	0.45555546	1
LOC720236	0.36666618	0.18481264	1	-0.6513399	0.51180216	1
LOC720244	-0.3160919	0.9433598	1	-0.3814611	0.41783681	1
LOC720251	1.34894605	0.45738523	1	-0.8637395	0.7770574	1
LOC720294	-1.0416877	0.90231962	1	1.96632591	0.52223338	1
LOC720341	0.27443917	1	1	1.26303441	1	1
LOC720345	8.38426325	0.12052946	1	0.08643189	0.84174049	1
LOC720381	-9.9850847	0.06784723	1	-9.2706311	0.06553217	1
LOC720388	0.76187589	0.29504147	1	0.64554779	0.60387148	1
LOC720392	0.27443917	1	1	1.26303441	1	1
LOC720396	0.27443917	1	1	1.26303441	1	1
LOC720399	-0.2431738	0.36203404	1	-0.0764133	0.90630833	1
LOC720405	0.27443917	1	1	-6.610965	0.52259551	1
LOC720413	-0.6827631	0.26685616	1	-1.0158552	0.00375718	1
LOC720418	-0.3014009	0.56076418	1	1.85103513	0.25725531	1
LOC720434	1.43004874	0.32425377	1	-0.5783554	0.29917034	1
LOC720437	-1.5118732	0.86503869	1	-0.2822034	0.95888601	1
LOC720438	-0.4388563	0.68052236	1	0.32471765	0.88397598	1
LOC720452	0.27443917	1	1	1.26303441	1	1
LOC720456	-0.6550998	0.4634873	1	-2.2818739	0.48952897	1
LOC720465	-7.5439455	0.36779564	1	1.26303441	1	1
LOC720502	0.27443917	1	1	1.26303441	1	1
LOC720538	-0.2647668	0.73712881	1	-1.0009798	0.12397174	1
LOC720574	0.27443917	1	1	1.26303441	1	1

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LOC720628	-10.385421	0.02458092	1	-10.008082	0.03889469	1
LOC720632	0.27443917	1	1	1.26303441	1	1
LOC720636	-0.5354425	0.2089735	1	-2.4667961	5.00E-09	0.00013805
LOC720677	0.27443917	1	1	1.26303441	1	1
LOC720748	0.27443917	1	1	1.26303441	1	1
LOC720779	0.27443917	1	1	1.26303441	1	1
LOC720791	9.32975238	0.05637677	1	1.16110167	0.26719484	1
LOC720809	0.27443917	1	1	1.26303441	1	1
LOC720839	-8.72031	0.19965135	1	-10.220803	0.0139617	1
LOC720846	0.27443917	1	1	1.26303441	1	1
LOC720890	0.27443917	1	1	1.26303441	1	1
LOC720904	0.27443917	1	1	1.26303441	1	1
LOC720935	0.27443917	1	1	1.26303441	1	1
LOC720985	0.27443917	1	1	1.26303441	1	1
LOC721083	0.27443917	1	1	1.26303441	1	1
LOC721088	0.27443917	1	1	1.26303441	1	1
LOC721108	0.27443917	1	1	1.26303441	1	1
LOC721116	-8.5265831	0.36779564	1	-8.2158332	0.1958879	1
LOC721119	0.27443917	1	1	1.26303441	1	1
LOC721121	0.27443917	1	1	-7.320257	0.52259551	1
LOC721139	0.27443917	1	1	1.26303441	1	1
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LOC721192	0.27443917	1	1	-6.7390077	0.52259551	1
LOC721200	-7.9885245	0.36779564	1	1.26303441	1	1
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LOC721307	-1.2790853	0.5506235	1	-0.6458501	0.78379585	1
LOC721315	-1.3447392	0.24880431	1	-0.8210372	0.6306617	1
LOC721366	0.27443917	1	1	-7.6771208	0.52259551	1
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LOC721699	1.28306031	0.45738523	1	0.27754856	0.6070784	1
LOC721718	0.27443917	1	1	1.26303441	1	1
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LOC721914	0.27443917	1	1	1.26303441	1	1
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LOC722113	1.83839053	0.45132853	1	1.20651329	0.36905242	1
LOC722130	-7.4703458	0.36779564	1	1.26303441	1	1
LOC722133	0.27443917	1	1	-6.6237736	0.52259551	1
LOC722144	0.27443917	1	1	1.26303441	1	1
LOC722148	-0.3219436	0.86503869	1	0.32029008	0.83384139	1
LOC722195	-1.8473296	0.79654313	1	-1.3406265	0.50449606	1
LOC722212	0.942397	0.34097321	1	-1.8095323	0.00195307	1
LOC722237	0.27443917	1	1	1.26303441	1	1
LOC722238	3.14614731	0.22569004	1	0.57583495	0.61520584	1
LOC722249	0.27443917	1	1	1.26303441	1	1
LOC722253	0.27443917	1	1	1.26303441	1	1
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LOC722294	0.31307416	0.84598608	1	1.49733025	0.07077307	1
LOC722305	0.27443917	1	1	-5.9873876	0.52259551	1
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LOC722413	0.27443917	1	1	1.26303441	1	1
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LOC722722	2.07332356	0.27886875	1	0.27693968	0.76341668	1
LOC722743	-0.8975675	0.67317602	1	-0.489316	0.23017163	1
LOC722780	0.27443917	1	1	-7.7855109	0.1958879	1
LOC722784	0.27443917	1	1	-8.3611323	0.1958879	1
LOC722786	-0.7182704	0.89448096	1	-1.6516321	0.0901656	1
LOC722798	0.27443917	1	1	-7.6823458	0.26373073	1

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LOC722847	8.61890416	0.05637677	1	0.07130794	0.27601006	1
LOC722862	0.27443917	1	1	1.26303441	1	1
LOC722876	0.27443917	1	1	1.26303441	1	1
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LOC722929	-0.7583574	0.44046599	1	-1.0406409	0.22515677	1
LOC722945	0.27443917	1	1	-8.2380891	0.26373073	1
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LOC723025	-1.6807272	0.68052236	1	-1.2841679	0.84581067	1
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LOC723047	-6.9089297	0.19965135	1	-6.4466238	0.52259551	1
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LOC723069	0.28498638	0.69003945	1	0.88435148	0.24527953	1
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LOC723091	0.27443917	1	1	1.26303441	1	1
LOC723119	-9.9015421	0.06784723	1	-9.7374334	0.08544191	1
LOC723158	0.27443917	1	1	1.26303441	1	1
LOC723250	-7.7327498	0.36779564	1	1.26303441	1	1
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LOC723314	0.27443917	1	1	1.26303441	1	1
LOC723355	0.27443917	1	1	1.26303441	1	1
LOC723382	-0.70605	0.4226224	1	2.9928441	0.52223338	1
LOC723473	-1.8463318	0.2572727	1	-2.4358304	0.1036209	1
LOC723660	0.27443917	1	1	1.26303441	1	1
LOC723772	0.27443917	1	1	1.26303441	1	1
LOC732516	0.27443917	1	1	1.26303441	1	1
LONP1	-0.3825826	0.99703325	1	-0.4824212	0.53381881	1
LONP2	-0.2942906	0.72426316	1	-0.1368015	0.59094537	1
LONRF1	0.57162343	0.95743902	1	-0.0519661	0.76900205	1
LONRF2	-8.9756288	0.36779564	1	-9.5552681	0.11188911	1
LONRF3	-0.3090403	0.79575159	1	0.03016034	0.44216944	1
LOX	0.27443917	1	1	1.26303441	1	1
LOXHD1	-8.0579858	0.36779564	1	-6.3643843	0.52259551	1
LOXL1	7.3674047	0.2752184	1	8.35599994	0.12281968	1
LOXL2	0.27443917	1	1	1.26303441	1	1
LOXL3	9.04956442	0.12052946	1	0.96557139	0.365771	1
LOXL4	-7.6605732	0.36779564	1	-7.9053432	0.52259551	1
LPA	0.27443917	1	1	1.26303441	1	1
LPAR1	1.26352581	0.26527332	1	1.04763242	0.21467364	1
LPAR2	10.1949534	0.00653474	1	-0.4249041	0.79024449	1
LPAR3	0.06288868	0.68789913	1	2.70896856	0.8783593	1

LPAR5	0.27443917	1	1	-6.8547557	0.52259551	1
LPAR6	1.6609599	0.02355738	1	-0.0965587	0.83504682	1
LPCAT1	-0.1657862	0.96136138	1	0.91180755	0.113434	1
LPCAT2	-1.8693925	0.56020917	1	1.12342456	0.98130525	1
LPCAT3	-0.0031828	0.6600272	1	0.34286254	0.37555098	1
LPCAT4	-1.8350386	0.36358287	1	-1.2680902	0.40391052	1
LPGAT1	0.24140882	0.74329708	1	0.20295892	0.73395267	1
LPIN1	-0.0436135	0.95601228	1	0.3644209	0.0624356	1
LPIN2	-0.6765958	0.23597199	1	-0.0388786	0.48406203	1
LPIN3	0.27443917	1	1	1.26303441	1	1
LPL	0.50657696	0.68789913	1	-1.6212555	0.13702304	1
LPO	0.27443917	1	1	1.26303441	1	1
LPP	-0.1838019	0.48707328	1	0.53735049	0.00529537	1
LPXN	0.22805052	0.24797699	1	0.3155675	0.32610333	1
LRAT	0.27443917	1	1	1.26303441	1	1
LRATD1	0.27443917	1	1	-7.1649345	0.52259551	1
LRATD2	-2.1395428	0.67317602	1	-0.2734287	0.8895985	1
LRBA	-0.2727248	0.07429109	1	0.22975515	0.19705391	1
LRCH1	0.13940657	0.94852418	1	0.58347625	0.01413834	1
LRCH2	0.27443917	1	1	-7.3362143	0.3629285	1
LRCH3	-0.3531553	0.43404027	1	0.11795078	0.80666958	1
LRCH4	-0.4993367	0.73439021	1	-1.0517283	0.18223466	1
LRCOL1	0.27443917	1	1	-5.9940755	0.3629285	1
LRFN1	2.62276373	0.89260809	1	1.41892433	0.8783593	1
LRFN2	-0.7877482	0.16123409	1	-0.1193712	0.65223573	1
LRFN3	0.27443917	1	1	-5.9873876	0.52259551	1
LRFN4	-5.7676125	0.36779564	1	-3.4115773	0.52259551	1
LRFN5	1.47417671	0.23243735	1	2.71993241	0.25857517	1
LRG1	0.27443917	1	1	-4.879732	0.52259551	1
LRGUK	-8.5265831	0.36779564	1	1.26303441	1	1
LRIF1	-0.5821796	0.89805612	1	-0.7201047	0.72088048	1
LRIG1	0.43076683	0.40466396	1	0.36782963	0.28238607	1
LRIG2	0.42875443	0.72723382	1	0.41603674	0.46967602	1
LRIG3	-8.6749204	0.36779564	1	-9.0646428	0.3629285	1
LRIT1	0.27443917	1	1	1.26303441	1	1
LRIT3	0.27443917	1	1	1.26303441	1	1
LRMDA	0.60463999	0.64708668	1	1.64437623	0.01635614	1
LRMP	-0.9264569	0.0530931	1	-0.8486271	0.05444831	1
LRP1	-1.1424457	0.03037539	1	-1.8013639	0.00223461	1
LRP10	0.57649116	0.94893749	1	-1.6875932	0.12513706	1
LRP11	1.17244657	0.07765247	1	0.74120078	0.34345876	1
LRP12	-0.1957759	0.83731803	1	0.8330541	0.84147878	1
LRP1B	-0.2625729	0.26056869	1	0.48339228	0.65223573	1

LRP2	0.27443917	1	1	1.26303441	1	1
LRP2BP	-1.3551898	0.87353994	1	-1.8947556	0.20977898	1
LRP3	0.27443917	1	1	1.26303441	1	1
LRP4	6.80268521	0.2752184	1	7.79128045	0.12281968	1
LRP5	1.62235319	0.03532316	1	2.18095899	0.00139352	1
LRP6	9.3791561	0.12052946	1	10.3677513	0.02855238	1
LRP8	0.70079822	0.29834994	1	0.69339133	0.46032607	1
LRPAP1	-0.3046868	0.73146959	1	-1.9424548	0.00029774	1
LRPPRC	-0.2069812	0.72576117	1	0.03334308	0.49538284	1
LRR1	0.28590209	0.89260809	1	-1.3890719	0.17745059	1
LRRC1	0.1846391	0.46660538	1	0.30409808	0.36171026	1
LRRC10	0.27443917	1	1	1.26303441	1	1
LRRC10B	0.27443917	1	1	1.26303441	1	1
LRRC14	-0.4615341	0.86503869	1	0.14158621	0.83384139	1
LRRC14B	0.27443917	1	1	1.26303441	1	1
LRRC17	0.27443917	1	1	1.26303441	1	1
LRRC18	-8.2438831	0.19965135	1	-3.4115773	0.52259551	1
LRRC19	0.27443917	1	1	-8.3362135	0.3629285	1
LRRC2	0.27443917	1	1	1.26303441	1	1
LRRC20	0.81926731	0.84452255	1	-0.4457921	0.8377889	1
LRRC23	0.27443917	1	1	-6.5284919	0.52259551	1
LRRC24	7.28906029	0.2752184	1	8.27765553	0.12281968	1
LRRC25	-9.7784636	0.19965135	1	-9.7483802	0.03889469	1
LRRC26	0.27443917	1	1	1.26303441	1	1
LRRC27	0.092893	0.91549579	1	4.48279078	0.04383553	1
LRRC28	0.30478803	0.50316613	1	0.03014096	0.76092429	1
LRRC29	-8.908817	0.19965135	1	-7.4523355	0.3629285	1
LRRC3	0.27443917	1	1	1.26303441	1	1
LRRC30	0.27443917	1	1	1.26303441	1	1
LRRC31	0.27443917	1	1	1.26303441	1	1
LRRC32	0.27443917	1	1	1.26303441	1	1
LRRC34	7.06868348	0.2752184	1	-0.4682889	0.52790957	1
LRRC36	0.27443917	1	1	-6.8188969	0.26373073	1
LRRC37A	-0.0236417	0.59611324	1	0.42911478	0.29931692	1
LRRC38	0.27443917	1	1	1.26303441	1	1
LRRC39	-11.022333	0.02458092	1	-10.803862	0.02325653	1
LRRC3B	-7.6591732	0.36779564	1	1.26303441	1	1
LRRC3C	0.27443917	1	1	1.26303441	1	1
LRRC4	0.27443917	1	1	1.26303441	1	1
LRRC40	0.19132764	0.83051669	1	0.27902314	0.87367695	1
LRRC41	-1.0708954	0.28970992	1	-0.5633612	0.48018594	1
LRRC42	0.54999214	0.22515028	1	0.86230939	0.2102625	1
LRRC43	-0.7315146	0.96251788	1	0.09956697	0.61440029	1

LRRC45	-0.2686717	0.56503214	1	0.13338323	0.5273912	1
LRRC46	0.27443917	1	1	-8.0900565	0.26373073	1
LRRC47	-0.4074985	0.81082991	1	-1.0665206	0.13138249	1
LRRC49	0.66808757	0.84452255	1	-1.6083875	0.25384758	1
LRRC4B	1.99354827	0.45738523	1	0.94100946	0.15869376	1
LRRC4C	-7.5246491	0.19965135	1	-6.7204133	0.52259551	1
LRRC52	0.27443917	1	1	1.26303441	1	1
LRRC53	0.27443917	1	1	1.26303441	1	1
LRRC56	-0.5902621	0.90231962	1	-1.3494981	0.37955312	1
LRRC57	-2.0663115	0.44858221	1	-0.2502444	0.87601069	1
LRRC58	-0.1473416	0.57487282	1	0.16029791	0.89788165	1
LRRC59	0.25972643	0.92927886	1	-0.9027607	0.16414278	1
LRRC6	-0.3697605	0.8146861	1	0.15499348	0.8377889	1
LRRC61	-9.10548	0.19965135	1	-8.0573508	0.26373073	1
LRRC63	-1.0869995	0.2572727	1	0.79020874	0.8783593	1
LRRC66	-8.0902342	0.36779564	1	1.26303441	1	1
LRRC69	-8.193936	0.19965135	1	-8.1475112	0.3629285	1
LRRC7	1.23805529	0.28526399	1	1.73183292	0.10390334	1
LRRC70	0.74928369	0.15974029	1	0.74081084	0.58193968	1
LRRC71	0.27443917	1	1	1.26303441	1	1
LRRC72	0.27443917	1	1	1.26303441	1	1
LRRC73	0.27443917	1	1	-6.4490189	0.52259551	1
LRRC74A	0.27443917	1	1	-6.8357842	0.52259551	1
LRRC74B	0.27443917	1	1	-6.7390077	0.52259551	1
LRRC75A	-0.7255757	0.68052236	1	-0.5401106	0.22856574	1
LRRC75B	9.0403826	0.05637677	1	0.73268169	0.6059756	1
LRRC8A	0.62370484	0.19623965	1	-0.2858998	0.92085129	1
LRRC8B	2.07279455	0.04037014	1	-0.1402032	0.98324952	1
LRRC8C	-0.0196133	0.65065457	1	0.5396973	0.00472673	1
LRRC8D	0.72119915	0.06940512	1	0.32651156	0.25734902	1
LRRC8E	0.27443917	1	1	1.26303441	1	1
LRRC9	0.27443917	1	1	1.26303441	1	1
LRRCC1	0.02145703	0.68789913	1	-0.7887284	0.85064705	1
LRRD1	-8.7153073	0.19965135	1	-7.451502	0.3629285	1
LRRFIP1	0.0251369	0.80316526	1	0.11490071	0.53200183	1
LRRFIP2	-0.6459204	0.07559717	1	-0.3758717	0.09244967	1
LRRIQ1	-2.4788534	0.24755874	1	-0.3026963	0.88397598	1
LRRIQ3	-2.2742504	0.23382611	1	-1.8566889	0.19814433	1
LRRIQ4	0.27443917	1	1	1.26303441	1	1
LRRK1	-1.9130817	0.09599528	1	-1.0085212	0.13702304	1
LRRK2	-9.4506901	0.04066178	1	-9.3379592	0.03889469	1
LRRN1	0.27443917	1	1	-6.5761579	0.52259551	1
LRRN2	2.85650979	0.22904601	1	1.7680858	0.42426179	1

LRRN3	0.86720192	0.51164527	1	-1.0848408	0.59446553	1
LRRN4	0.27443917	1	1	1.26303441	1	1
LRRN4CL	0.27443917	1	1	1.26303441	1	1
LRRTM2	0.27443917	1	1	1.26303441	1	1
LRRTM3	-0.9386991	0.5506235	1	0.64579044	0.59936951	1
LRRTM4	2.28855772	0.45132853	1	2.23455029	0.35926299	1
LRSAM1	-0.2174845	0.51992626	1	1.02877903	0.02706325	1
LRTM1	0.27443917	1	1	1.26303441	1	1
LRTM2	0.27443917	1	1	1.26303441	1	1
LRTOMT	7.6094912	0.2752184	1	-2.1584033	0.28706691	1
LRWD1	-7.9885245	0.36779564	1	-9.983454	0.01801327	1
LSAMP	-6.7650097	0.36779564	1	-7.0295032	0.3629285	1
LSG1	0.30324229	0.22517768	1	0.32354101	0.52519716	1
LSM1	-1.3167465	0.09384223	1	-2.204551	0.00326277	1
LSM10	-0.4196018	0.41994284	1	-2.4168643	0.00034287	1
LSM11	-0.5448601	0.68052236	1	-0.9275093	0.49019995	1
LSM12	-0.3576107	0.43285842	1	0.08053844	0.79547978	1
LSM14A	-0.4241407	0.39088609	1	-0.2870681	0.18725841	1
LSM14B	-0.0668213	0.96460462	1	0.55928159	0.36460627	1
LSM2	-1.2560696	0.36709546	1	-3.6781402	8.66E-05	1
LSM3	-0.021175	0.95101525	1	-1.3655939	0.00649199	1
LSM4	-0.004574	0.80655504	1	-1.8161079	1.82E-05	0.50292355
LSM5	-0.0584595	0.42885172	1	-1.9009478	0.00288031	1
LSM6	0.2475493	0.37282426	1	-1.1716641	0.00056732	1
LSM7	0.37184243	0.60397048	1	-1.1778902	0.00258429	1
LSM8	-1.1548767	0.15016898	1	-1.9534878	0.00181608	1
LSMEM1	0.04268242	0.81908362	1	0.76787903	0.60904546	1
LSMEM2	0.27443917	1	1	1.26303441	1	1
LSP1	0.07964825	0.33139815	1	-0.7988911	0.05865558	1
LSR	1.52181764	0.12014815	1	0.12407363	0.77373919	1
LSS	3.83275391	0.00193092	1	-0.1111035	0.94285621	1
LST1	-0.2601797	0.8289735	1	-2.2890668	5.37E-06	0.14807042
LTA	-2.4050541	0.25076778	1	-2.7447211	0.37449073	1
LTA4H	-0.3939602	0.97294217	1	-1.1966237	0.00693913	1
LTB	0.7050871	0.24531529	1	-0.991705	0.00010206	1
LTB4R	0.39727957	0.75022285	1	-0.4533297	0.36208595	1
LTB4R2	0.27443917	1	1	1.26303441	1	1
LTBP1	-0.5636258	0.8025791	1	-2.5607059	0.06160348	1
LTBP2	0.37312364	0.4634873	1	0.99848029	0.365771	1
LTBP3	-1.4204727	0.24626241	1	-0.6794496	0.51970102	1
LTBP4	-0.2342784	0.89448096	1	-0.5683977	0.35029122	1
LTBR	7.33858656	0.2752184	1	-1.3513871	0.37701669	1
LTC4S	-0.4600898	0.83021289	1	0.03924987	0.62449737	1

LTF	0.27443917	1	1	1.26303441	1	1
LTK	-7.6591732	0.36779564	1	1.26303441	1	1
LTN1	-0.5825168	0.05442689	1	-0.3027136	0.44114576	1
LTO1	0.07079358	0.84922325	1	-0.5096936	0.65130615	1
LTV1	0.07474401	0.8638717	1	0.01599034	0.96464569	1
LUC7L	0.30432058	0.41669877	1	0.52518337	0.09190339	1
LUC7L3	0.28459633	0.30555601	1	0.16195025	0.57133489	1
LUM	0.27443917	1	1	1.26303441	1	1
LURAP1	-5.7676125	0.36779564	1	1.26303441	1	1
LURAP1L	-6.8662866	0.19965135	1	-7.2708884	0.26373073	1
LUZP1	-0.3959021	0.56436508	1	-0.1635476	0.36240419	1
LUZP2	7.14873999	0.2752184	1	-1.5175272	0.8895985	1
LUZP4	0.27443917	1	1	1.26303441	1	1
LVRN	0.27443917	1	1	1.26303441	1	1
LXN	-0.4274531	0.41759769	1	0.14999832	0.38465738	1
LY6D	0.27443917	1	1	1.26303441	1	1
LY6E	-8.8235262	0.06784723	1	-8.8473161	0.11188911	1
LY6E-1	-0.1464957	0.57060549	1	-2.0966946	6.44E-08	0.00177773
LY6G5B	-0.9701129	0.90231962	1	8.35599994	0.12281968	1
LY6G5C	0.27443917	1	1	-7.8194488	0.52259551	1
LY6G6C	0.27443917	1	1	1.26303441	1	1
LY6K	0.27443917	1	1	1.26303441	1	1
LY75	-1.0156753	0.11170189	1	0.20018896	0.50440356	1
LY86	1.48811954	0.30792181	1	-0.0590814	0.19941164	1
LY9	0.27035274	0.82359004	1	-0.2638448	0.280194	1
LY96	1.11235453	0.80799068	1	-0.1991556	0.23566223	1
LYAR	-0.1924492	0.41994284	1	-1.857623	0.00289928	1
LYG1	0.27443917	1	1	1.26303441	1	1
LYG2	0.27443917	1	1	1.26303441	1	1
LYL1	-0.2701509	0.85135027	1	-3.3207142	0.01055731	1
LYN	-0.5204935	0.04798886	1	0.22232372	0.85481805	1
LYNX1	-5.7676125	0.36779564	1	-7.7546943	0.52259551	1
LYPD1	0.27443917	1	1	1.26303441	1	1
LYPD2	0.27443917	1	1	1.26303441	1	1
LYPD3	8.25788691	0.2752184	1	0.88746952	0.52790957	1
LYPD4	0.27443917	1	1	1.26303441	1	1
LYPD5	0.27443917	1	1	1.26303441	1	1
LYPD6	0.27443917	1	1	1.26303441	1	1
LYPD6B	0.27443917	1	1	1.26303441	1	1
LYPD8	0.27443917	1	1	1.26303441	1	1
LYPLA1	0.26430071	0.54228958	1	0.51131153	0.13288016	1
LYPLA2	0.18730583	0.97656842	1	-0.9556061	0.28297701	1
LYPLAL1	0.17832139	0.75881302	1	-0.4544106	0.30249501	1

LYRM1	0.65653602	0.81353247	1	-0.7555175	0.28503107	1
LYRM2	-0.4027126	0.89448096	1	0.83676681	0.27157795	1
LYRM4	0.59927086	0.32213933	1	0.69642044	0.21060986	1
LYRM7	-2.0303261	0.09173967	1	-1.3781594	0.22076788	1
LYRM9	-9.5857028	0.06784723	1	-9.4113369	0.08544191	1
LYSMD1	8.009752	0.2752184	1	8.99834724	0.12281968	1
LYSMD2	-1.2282991	0.15910718	1	-1.6384613	0.0191699	1
LYSMD3	0.22432948	0.35823471	1	-1.1485758	0.43496609	1
LYSMD4	0.27443917	1	1	-7.0024888	0.3629285	1
LYST	-0.7278575	0.11477582	1	0.32202464	0.25061045	1
LYVE1	0.27443917	1	1	1.26303441	1	1
LYZ	-0.3661392	0.21808821	1	-1.1476051	0.00347178	1
LYZL4	0.27443917	1	1	1.26303441	1	1
LYZL6	-8.9923925	0.19965135	1	-9.6269055	0.1474095	1
LZIC	-0.0621081	0.68421252	1	-0.5850072	0.51606545	1
LZTFL1	-1.3055458	0.5506235	1	-1.7875024	0.77369442	1
LZTR1	-3.8863021	0.005023	1	-3.331281	0.02841206	1
LZTS1	0.27443917	1	1	1.26303441	1	1
LZTS2	8.34400788	0.12052946	1	2.21418045	0.15869376	1
LZTS3	-6.3059622	0.36779564	1	-7.8284826	0.3629285	1
M1AP	0.27443917	1	1	1.26303441	1	1
M6PR	0.11539079	0.53458441	1	-0.3881048	0.34635729	1
MAATS1	0.27443917	1	1	1.26303441	1	1
MAB21L1	0.27443917	1	1	1.26303441	1	1
MAB21L2	0.27443917	1	1	1.26303441	1	1
MAB21L3	-7.6177349	0.19965135	1	1.26303441	1	1
MAB21L4	0.27443917	1	1	1.26303441	1	1
MACC1	-0.7472047	0.51668413	1	1.42949713	0.13472045	1
MACF1	-0.4776239	0.01058302	1	0.1313605	0.34058392	1
MACO1	-0.2884501	0.71974167	1	0.46120786	0.15771412	1
MACROD1	-0.1029733	0.90231962	1	-0.2808873	0.49978619	1
MACROD2	-0.0449393	0.97656842	1	0.70026558	0.73880222	1
MAD1L1	-0.2017627	0.35338097	1	0.87836825	0.01362087	1
MAD2L1	-1.5435493	0.90231962	1	-1.3296827	0.84581067	1
MAD2L1BP	-0.3904862	0.8146861	1	-1.5103682	0.25674539	1
MAD2L2	-1.2833516	0.41759769	1	-3.0044944	0.02908011	1
MADCAM1	0.27443917	1	1	1.26303441	1	1
MADD	-0.0594873	0.72330347	1	0.28413415	0.7753402	1
MAEA	0.59010366	0.19027661	1	0.37768566	0.5418754	1
MAEL	0.27443917	1	1	1.26303441	1	1
MAF	-1.7763444	0.44507282	1	-1.7670577	0.17158349	1
MAF1	-0.1839801	0.78821202	1	-1.5022282	0.00327421	1
MAFA	-7.979308	0.36779564	1	-7.4487314	0.3629285	1

MAFB	-1.1267453	0.16123409	1	-1.7485026	0.01902177	1
MAFF	1.11574192	0.34870716	1	0.58162983	0.77779341	1
MAFG	-0.0608213	0.53530766	1	-0.5991797	0.47734046	1
MAFK	-1.2612189	0.80862687	1	-0.9052142	0.61483126	1
MAG	2.20562884	0.89260809	1	0.59073683	0.65223573	1
MAGEB10	0.27443917	1	1	1.26303441	1	1
MAGED1	0.67926868	0.04736842	1	0.65166549	0.04489844	1
MAGED2	0.86977176	0.52003827	1	-0.9067845	0.29172937	1
MAGEE1	0.27443917	1	1	-6.3854357	0.52259551	1
MAGEE2	0.27443917	1	1	1.26303441	1	1
MAGEF1	2.94562018	0.45132853	1	-1.6102718	0.25384758	1
MAGEH1	0.6218875	0.89260809	1	-1.8747293	0.17368463	1
MAGI1	0.30004628	0.4634873	1	-0.2761639	0.95515215	1
MAGI2	-1.4509002	0.67317602	1	8.70705698	0.12281968	1
MAGI3	1.30313625	0.01664593	1	0.88736213	0.05983372	1
MAGIX	-0.3069748	0.68789913	1	9.8002823	0.12281968	1
MAGOH	0.83797223	0.2878493	1	-0.6710901	0.10566801	1
MAGOHB	-1.1448845	0.63657419	1	-2.0680502	0.01196949	1
MAGT1	-0.6745439	0.29182893	1	-0.8467109	0.14598985	1
MAIP1	-0.0257129	0.74969731	1	0.94073422	0.19637914	1
MAJIN	-5.7150445	0.36779564	1	-7.4317046	0.3629285	1
MAK	9.26753924	0.12052946	1	1.80726632	0.15660079	1
MAK16	-0.8045318	0.6480784	1	-0.1236907	0.42920565	1
MAL	0.27443917	1	1	1.26303441	1	1
MAL2	0.27443917	1	1	-6.7204133	0.52259551	1
MALL	0.27443917	1	1	1.26303441	1	1
MALRD1	0.37240122	0.4634873	1	2.78657567	0.35926299	1
MALSU1	-0.9707789	0.376184	1	-0.6096898	0.47006778	1
MALT1	-0.3404811	0.73469363	1	0.29150228	0.16394581	1
MAMDC2	0.66286306	0.35313045	1	2.47099418	0.00783841	1
MAMDC4	0.12715242	0.90231962	1	-1.6877722	0.48702665	1
MAML1	0.86535248	0.01687879	1	0.96259705	0.01029825	1
MAML2	0.02542413	0.33330998	1	0.75444829	0.00112703	1
MAML3	0.00684939	0.93131934	1	0.97814175	0.0777309	1
MAMLD1	-1.5761465	0.15591259	1	0.31934717	0.79440696	1
MAMSTR	0.27443917	1	1	-6.9561356	0.52259551	1
MAMU-A	0.25593195	0.95062033	1	-0.9578363	0.0001842	1
MAMU-A3	0.18353608	0.86035858	1	-0.9337751	0.00033631	1
MAMU-AG	-1.3240268	0.00159568	1	-2.0211811	3.66E-10	1.01E-05
MAMU-DMA	-1.5326257	0.09867267	1	-3.5134875	0.00112459	1
MAMU-DMB	-0.0147504	0.82464385	1	-1.1936406	0.05270143	1
MAMU-DOA	-8.0691205	0.36779564	1	1.26303441	1	1
MAMU-DOB	-0.0490101	0.82075644	1	-0.4744143	0.78379585	1

MAMU-DPA	-2.7237691	0.15285381	1	-4.4130433	0.00171831	1
MAMU-DPB	-9.0891513	0.11486391	1	-11.985172	6.15E-05	1
MAMU-DQA1	-0.8911573	0.28910115	1	-2.3848014	0.00054872	1
MAMU-DQB1	-1.0611518	0.09858007	1	-2.4634958	8.45E-05	1
MAMU-DRA	-0.6615776	0.12154909	1	-2.1222938	4.58E-16	1.26E-11
MAMU-DRB1	-1.0015115	0.05677131	1	-2.4118402	7.06E-11	1.95E-06
MAMU-DRB5	-2.854964	0.00622052	1	-4.1519581	5.16E-06	0.14241113
MAMU-E	0.16133943	0.91084606	1	-0.8863255	0.00648695	1
MAMU-F	-0.0209865	0.90231962	1	-1.3127883	0.8895985	1
MAN1A1	-0.0049423	0.96983223	1	0.17476732	0.37422461	1
MAN1A2	-0.0963017	0.44107722	1	0.45456066	0.2392313	1
MAN1B1	0.26425897	0.27548374	1	0.04052355	0.85223139	1
MAN1C1	0.31693832	0.45999525	1	0.39707779	0.54571458	1
MAN2A1	0.17318412	0.18937905	1	0.80000882	5.98E-05	1
MAN2A2	-1.3886236	0.15910718	1	-0.3882487	0.29509127	1
MAN2B1	-2.1186961	0.01715982	1	-2.7477016	0.00016005	1
MAN2B2	0.41716504	0.66919302	1	0.10559676	0.78154147	1
MAN2C1	-1.0703901	0.2135869	1	-0.4942611	0.30269315	1
MANBA	0.61474384	0.25034859	1	1.00950061	0.14459204	1
MANBAL	-0.418098	0.4226224	1	-2.1479427	0.03959075	1
MANEA	0.84215074	0.90712684	1	-0.2437547	0.4912737	1
MANEAL	9.66030733	0.2752184	1	0.32839197	0.65223573	1
MANF	-0.3044096	0.54734907	1	-2.0089375	0.00133899	1
MANSC1	1.49237425	0.45132853	1	11.078645	0.02855238	1
MANSC4	0.27443917	1	1	1.26303441	1	1
MAOA	0.33754231	0.89260809	1	0.94428229	0.85548905	1
MAOB	7.22574839	0.2752184	1	8.21434363	0.12281968	1
MAP10	-1.1133013	0.90231962	1	-1.3163687	0.64428388	1
MAP11	-8.5586336	0.11486391	1	-8.2866197	0.1474095	1
MAP1A	0.27443917	1	1	-7.9090305	0.26373073	1
MAP1B	0.27443917	1	1	-6.9480446	0.52259551	1
MAP1LC3A	-0.4153366	0.68789913	1	-2.0593446	0.22222204	1
MAP1LC3B	-0.6631532	0.61239565	1	-1.2230627	0.04510718	1
MAP1LC3C	0.27443917	1	1	1.26303441	1	1
MAP1S	-0.0525333	0.78005262	1	0.07665768	0.99148226	1
MAP2	0.87760521	0.68789913	1	-0.9714196	0.22856574	1
MAP2K1	-0.053547	0.92667997	1	0.55336149	0.25159228	1
MAP2K2	-0.2719966	0.98451128	1	-0.9797938	0.00135251	1
MAP2K3	0.7509719	0.12575038	1	1.39078416	0.06590756	1
MAP2K4	-0.124159	0.78628213	1	0.51950931	0.01354097	1
MAP2K5	0.10510074	0.42753573	1	0.55391375	0.05562472	1
MAP2K6	0.44944429	0.42153519	1	-0.4076501	0.24015886	1
MAP2K7	-0.9711099	0.23578863	1	-1.2056099	0.11354133	1

MAP3K1	0.42545363	0.1696178	1	0.54517739	0.07963386	1
MAP3K10	0.51011276	0.8297111	1	0.78877031	0.24153751	1
MAP3K11	-1.8364488	0.1269962	1	-1.374799	0.22687576	1
MAP3K12	-0.715591	0.80862687	1	-1.3617073	0.39758803	1
MAP3K13	-1.0382073	0.18174017	1	-0.8237069	0.28815548	1
MAP3K14	-0.464276	0.49623949	1	0.45239584	0.25547681	1
MAP3K15	-8.4020936	0.36779564	1	-7.4719634	0.3629285	1
MAP3K19	-0.9302284	0.68052236	1	-2.8947328	0.2190979	1
MAP3K2	0.09658067	0.84160472	1	0.20943609	0.34292663	1
MAP3K20	0.9483694	0.86092513	1	1.65111527	0.5150657	1
MAP3K21	0.3853079	0.52537988	1	0.95788448	0.25725531	1
MAP3K3	0.18248514	0.07326012	1	0.50012993	0.02323646	1
MAP3K4	0.19914063	0.41585667	1	0.41543329	0.15957272	1
MAP3K5	0.17120776	0.31768309	1	0.324677	0.05621456	1
MAP3K6	-6.0587014	0.36779564	1	-9.4128267	0.11188911	1
MAP3K7	0.34955898	0.3338179	1	0.27498047	0.42965181	1
MAP3K7CL	0.27443917	1	1	1.26303441	1	1
MAP3K8	0.15252549	0.24854555	1	0.26993163	0.56498693	1
MAP3K9	-0.1092766	0.52174859	1	-0.5752595	0.87008716	1
MAP4	-0.2821803	0.68719786	1	0.21961187	0.15153055	1
MAP4K1	-0.62861	0.6088378	1	-0.4839525	0.55087557	1
MAP4K2	-1.829547	0.36009138	1	0.10848127	0.8377889	1
MAP4K3	0.69178266	0.22633858	1	1.3677906	0.00689329	1
MAP4K4	0.34285651	0.14973293	1	0.69665004	0.00128165	1
MAP4K5	-0.0340901	0.86847027	1	0.26340984	0.87992663	1
MAP6	9.19475069	0.12052946	1	1.28742451	0.81809414	1
MAP6D1	0.27443917	1	1	-7.8564171	0.26373073	1
MAP7	-2.0350134	0.54111927	1	-0.6953481	0.94768746	1
MAP7D1	-0.5374732	0.38964315	1	-0.6072773	0.27597557	1
MAP7D2	-1.6274314	0.23874614	1	0.43823063	0.82595901	1
MAP7D3	0.32159684	0.64654084	1	-0.8461936	0.41415639	1
MAP9	-1.1424106	0.2734367	1	-0.8592422	0.59414644	1
MAPK1	-0.586881	0.0290353	1	0.16625896	0.57744737	1
MAPK10	0.27443917	1	1	-6.5234327	0.52259551	1
MAPK11	-1.4820116	0.90231962	1	0.6249486	0.8783593	1
MAPK12	1.03041008	0.52003827	1	0.29943732	0.46272181	1
MAPK13	-1.8706512	0.67317602	1	4.02427357	0.52223338	1
MAPK14	-0.2446701	0.7201214	1	0.13499605	0.38232929	1
MAPK15	-7.4842085	0.36779564	1	1.26303441	1	1
MAPK1IP1L	0.17615276	0.5396113	1	0.24032156	0.6888201	1
MAPK3	0.18442522	0.53767371	1	0.40819751	0.56930902	1
MAPK4	0.27443917	1	1	1.26303441	1	1
MAPK6	-0.2157121	0.28191024	1	-0.5642458	0.30841375	1

MAPK7	1.46846822	0.89260809	1	-0.2289982	0.88397598	1
MAPK8	-0.121373	0.7043627	1	0.32228704	0.35380842	1
MAPK8IP1	-8.1649368	0.36779564	1	-6.0269551	0.52259551	1
MAPK8IP2	0.27443917	1	1	1.26303441	1	1
MAPK8IP3	0.31068653	0.20402534	1	0.35744654	0.18932147	1
MAPK9	-0.479335	0.5660443	1	1.09408419	0.04657772	1
MAPKAP1	0.03567566	0.7262849	1	0.66936206	0.0121284	1
MAPKAPK2	-0.2517309	0.79472217	1	0.12925709	0.7552932	1
MAPKAPK3	-0.5701526	0.21526277	1	0.0830231	0.83056326	1
MAPKAPK5	0.01860804	0.98635435	1	1.05604975	0.18815225	1
MAPKBP1	-0.2182002	0.87937862	1	0.07766033	0.85989055	1
MAPRE1	0.01640476	0.78675915	1	0.0103029	0.70707883	1
MAPRE2	0.0487625	0.35295129	1	0.05171047	0.83001724	1
MAPRE3	1.66664154	0.29504147	1	0.20706999	0.93198776	1
MAPT	-0.1911751	0.74424146	1	0.92118527	0.14287528	1
1-Mar	2.11949925	0.45132853	1	5.47293166	0.15452883	1
2-Mar	-1.2530208	0.41759769	1	-0.7686724	0.49338433	1
1-Mar	-1.2575435	0.02772539	1	-0.3720025	0.18752188	1
10-Mar	0.27443917	1	1	1.26303441	1	1
11-Mar	0.27443917	1	1	1.26303441	1	1
2-Mar	-0.1115074	0.76841868	1	-0.944461	0.1648324	1
3-Mar	1.3250864	0.01472717	1	1.22158357	0.01370509	1
4-Mar	0.27443917	1	1	1.26303441	1	1
5-Mar	-0.3513258	0.41807801	1	-0.0836984	0.58339509	1
6-Mar	0.1148577	0.58050934	1	0.29660831	0.68694051	1
7-Mar	-0.0930078	0.86887786	1	0.61839413	0.00282327	1
8-Mar	-0.4625145	0.22832192	1	-0.3950063	0.29769039	1
9-Mar	-0.9607469	0.63657419	1	-0.1814002	0.87601069	1
MARCKS	-1.3344266	0.52537988	1	-1.2831362	0.56017402	1
MARCKSL1	1.69290548	0.45738523	1	-1.6795662	0.25529363	1
MARCO	-1.0904	0.05398413	1	-1.4647371	0.00089304	1
MARF1	-0.0127248	0.28468527	1	0.2935449	0.16484645	1
MARK1	-9.1293423	0.36779564	1	1.26303441	1	1
MARK2	-0.2222308	0.82523386	1	0.29461744	0.13189874	1
MARK3	-0.3723608	0.46263904	1	0.10805536	0.32751458	1
MARK4	0.06699305	0.52988065	1	0.12388441	0.70586328	1
MARS	-0.1127166	0.85360767	1	0.12488668	0.60452894	1
MARS2	1.41014149	0.50164502	1	0.58027069	0.77965139	1
MARVELD1	1.30148495	0.68789913	1	2.47637182	0.8783593	1
MARVELD2	-8.2395424	0.36779564	1	-6.715712	0.52259551	1
MARVELD3	8.58621661	0.2752184	1	0.87961249	0.8783593	1
MAS1	0.27443917	1	1	1.26303441	1	1
MASP1	0.27443917	1	1	1.26303441	1	1

MASP2	-5.9776946	0.36779564	1	-8.3478	0.1958879	1
MAST1	0.27443917	1	1	-6.3114595	0.3629285	1
MAST2	-0.1192604	0.56421869	1	0.31176265	0.9229941	1
MAST3	-0.5943439	0.8784977	1	0.21332723	0.20263721	1
MAST4	-0.6557174	0.85073067	1	0.21491718	0.70553049	1
MASTL	0.48835813	0.53302764	1	-0.0296352	0.92263828	1
MAT1A	0.27443917	1	1	1.26303441	1	1
MAT2A	-0.3297744	0.98740975	1	0.06964381	0.70009221	1
MAT2B	1.28319701	0.0343446	1	-0.2674066	0.6187193	1
MATK	-0.1069422	0.66570707	1	-0.7624231	0.0711576	1
MATN1	8.58439559	0.2752184	1	0.60360394	0.52790957	1
MATN2	0.86944392	0.14377874	1	1.25474244	0.113434	1
MATN3	0.27443917	1	1	1.26303441	1	1
MATN4	0.27443917	1	1	1.26303441	1	1
MATR3	0.25472648	0.10891971	1	0.06499505	0.2990517	1
MAU2	0.61451192	0.42743727	1	0.39688257	0.77272237	1
MAVS	-0.5216068	0.93962201	1	-0.0293588	0.47737411	1
MAX	-0.147518	0.91062559	1	-0.4716363	0.14026632	1
MAZ	-0.5229898	0.69543501	1	-1.8043019	0.00154671	1
MB	0.27443917	1	1	1.26303441	1	1
MB21D2	0.37627296	0.84452255	1	-1.6046461	0.20404107	1
MBD1	-0.7774925	0.3965877	1	-0.1857146	0.63204471	1
MBD2	-0.2482972	0.95207255	1	-0.1489411	0.51027181	1
MBD3	-1.288409	0.27368742	1	-1.5272321	0.09994153	1
MBD3L1	0.27443917	1	1	1.26303441	1	1
MBD4	-0.8771728	0.90679977	1	-0.3809736	0.88008474	1
MBD5	-0.0010948	0.2874865	1	0.5643409	0.30533555	1
MBD6	-1.3011206	0.8025791	1	-2.6407846	0.03793555	1
MBIP	1.73200731	0.08263351	1	0.86060753	0.1335535	1
MBLAC1	-8.130012	0.36779564	1	-7.6946992	0.1958879	1
MBLAC2	0.97173012	0.84452255	1	-0.8725457	0.16778319	1
MBNL1	-0.0751471	0.26684306	1	0.12577577	0.21547931	1
MBNL2	0.03264222	0.92272051	1	-0.1365081	0.77085392	1
MBNL3	-1.3577766	0.01027114	1	-0.5581344	0.34733924	1
MBOAT1	-0.3443099	0.30351069	1	0.05341107	0.92562102	1
MBOAT2	2.07750057	0.45132853	1	0.085262	0.6070784	1
MBOAT4	0.27443917	1	1	1.26303441	1	1
MBOAT7	0.35754226	0.82340154	1	1.03294924	0.34064904	1
MBP	0.17554233	0.34740429	1	0.41954614	0.01200864	1
MBP-A	0.27443917	1	1	1.26303441	1	1
MBTD1	0.25328664	0.54752267	1	0.2875786	0.15514623	1
MBTPS1	-0.2986605	0.77914353	1	-0.1738553	0.5150097	1
MBTPS2	-0.8696643	0.64547316	1	-1.7915267	0.32808488	1

MC3R	0.27443917	1	1	1.26303441	1	1
MCAM	-7.9256416	0.36779564	1	-6.1645088	0.3629285	1
MCAT	0.10717818	0.82464385	1	-0.136978	0.86712811	1
MCC	-0.2095212	0.78606847	1	0.3255223	0.49198262	1
MCCC1	-1.0912498	0.08108824	1	-0.4929294	0.46762086	1
MCCC2	1.06737458	0.19220361	1	-0.0060013	0.50553919	1
MCEE	-0.4286509	0.82374687	1	-0.8098098	0.45394086	1
MCEMP1	-1.9093305	0.07309963	1	-2.7972889	4.20E-06	0.11595772
MCF2	11.0721448	0.00653474	1	0.14441961	0.72056846	1
MCF2L	0.28662207	0.47644734	1	0.35007433	0.62606715	1
MCF2L2	-0.4257625	0.68052236	1	-1.2493571	0.13801886	1
MCFD2	0.04933022	0.90498006	1	-1.3601382	0.17801902	1
MCHR2	0.27443917	1	1	1.26303441	1	1
MCIDAS	0.27443917	1	1	1.26303441	1	1
MCL1	-0.6234229	0.22545073	1	-1.1974269	6.99E-05	1
MCM10	9.85667056	0.05637677	1	0.16600832	0.96702057	1
MCM2	7.42725953	0.2752184	1	-1.1728576	0.8409801	1
MCM3	0.24435232	0.4634873	1	-0.6425835	0.95888601	1
MCM3AP	0.12193286	0.53458441	1	-0.2104729	0.87503899	1
MCM4	-0.9506617	0.68052236	1	-0.6730752	0.49338433	1
MCM5	0.89309031	0.4634873	1	0.38216445	0.97382966	1
MCM6	-0.3018816	0.34239099	1	-0.6153221	0.35029122	1
MCM7	0.81238547	0.24343629	1	-0.53712	0.19942244	1
MCM8	-0.9308258	0.63657419	1	0.76697766	0.6059756	1
MCM9	0.63775031	0.00844647	1	0.94619242	0.00572528	1
MCMBP	-0.1560006	0.95594787	1	0.04350563	0.65087092	1
MCMDC2	8.7137053	0.12052946	1	-1.9525687	0.40179637	1
MCOLN1	0.75534334	0.92075933	1	0.2492676	0.63097684	1
MCOLN2	-2.1448387	0.01849026	1	-1.9055062	0.00949441	1
MCOLN3	-9.9513258	0.06784723	1	-8.9939946	0.1474095	1
MCPH1	-0.0394528	0.572005	1	0.16959518	0.93925665	1
MCRIP1	-2.3373722	0.05397948	1	-2.5807599	0.00180915	1
MCRIP2	-0.817701	0.68052236	1	-2.6564503	0.04880563	1
MCRS1	1.44341831	0.11144591	1	-0.9488788	0.29871384	1
MCTP1	-0.7994142	0.98953722	1	0.32911487	0.29743893	1
MCTP2	-0.4455173	0.27139685	1	0.08843324	0.90575162	1
MCTS1	-2.0212728	0.23627707	1	-3.5252164	0.00184807	1
MCU	-0.6349784	0.32178939	1	-0.195482	0.95307201	1
MCUB	0.24335742	0.48241256	1	0.10088845	0.93243875	1
MCUR1	-0.9636304	0.52537988	1	-0.8918471	0.4030459	1
MDC1	0.06209488	0.9528182	1	0.48486687	0.58927936	1
MDFI	0.27443917	1	1	1.26303441	1	1
MDFIC	-0.1893889	0.27000596	1	0.41995404	0.95882808	1

MDGA1	0.27443917	1	1	1.26303441	1	1
MDGA2	0.30236462	0.89260809	1	1.53870826	0.8783593	1
MDH1	-0.6834003	0.25877604	1	-2.1656936	1.35E-05	0.37277207
MDH1B	0.27443917	1	1	-7.5728359	0.3629285	1
MDH2	-0.3297235	0.74753463	1	-1.4309154	0.00417744	1
MDK	1.87743542	0.89260809	1	-0.5172943	0.64825479	1
MDM1	-0.7455742	0.79654313	1	-0.61002	0.95141927	1
MDM2	-0.6297323	0.23522511	1	0.08871704	0.55391655	1
MDM4	0.1704552	0.11079349	1	0.57259142	0.00421981	1
MDN1	-0.2728896	0.94918869	1	-0.0411271	0.92863234	1
ME1	2.56019829	0.89260809	1	9.59084523	0.12281968	1
ME2	0.56724522	0.06095785	1	0.15376729	0.22577832	1
ME3	1.10906799	0.89260809	1	-0.5486803	0.29307123	1
MEA1	-2.2150864	0.36709546	1	-3.9652177	0.00295108	1
MEAF6	0.39365426	0.56283594	1	-0.6176547	0.18972857	1
MEAK7	-1.3220177	0.41759769	1	-0.2353882	0.64825479	1
MECOM	-9.6495031	0.19965135	1	-6.0669652	0.52259551	1
MECP2	0.17396509	0.50325607	1	0.17131863	0.77339088	1
MECR	-1.619263	0.67317602	1	-0.5450548	0.8895985	1
MED1	0.41637245	0.15162191	1	-0.0261108	0.96751156	1
MED10	0.88810299	0.51437282	1	-1.4634441	0.0261111	1
MED11	-8.4014422	0.11486391	1	-10.896856	0.00303706	1
MED12	-0.1624678	0.63245402	1	-0.2868052	0.42061209	1
MED12L	-1.1251669	0.753513	1	-0.769785	0.6320918	1
MED13	-0.1826784	0.14591495	1	0.15918597	0.81418339	1
MED13L	0.10894408	0.66282162	1	0.43429937	0.00710561	1
MED14	-0.2614307	0.87187888	1	0.89841059	0.04578822	1
MED14OS	8.67429023	0.12052946	1	1.60495734	0.59936951	1
MED15	0.14836697	0.72313995	1	-0.1503956	0.84372478	1
MED16	0.45088188	0.72192059	1	0.34428412	0.93809488	1
MED17	-0.1695084	0.51763961	1	-0.183978	0.7495844	1
MED18	-0.3613594	0.56020917	1	1.81680912	0.82202434	1
MED19	-1.4812728	0.31708553	1	-2.2118301	0.02586164	1
MED20	-0.7835083	0.16244283	1	0.20680911	0.90117167	1
MED21	-0.080899	0.66414696	1	-0.6818341	0.29006797	1
MED22	-0.2351264	0.85818915	1	0.31484047	0.60321842	1
MED23	0.52534081	0.06217602	1	0.05846581	0.72538209	1
MED24	-0.5738367	0.34458754	1	-0.4960617	0.55383139	1
MED25	1.10272996	0.06678634	1	0.32854722	0.83961097	1
MED26	-0.2994249	0.20905782	1	0.26335861	0.97972769	1
MED27	-0.1419195	0.98456565	1	0.34318802	0.14590019	1
MED28	-0.7419191	0.86831791	1	-0.6578772	0.42666354	1
MED29	-1.2282755	0.66673081	1	-0.1640523	1	1

MED30	-0.6711781	0.60809795	1	-0.0977573	0.57622438	1
MED31	-0.1328401	0.78503314	1	-0.6337865	0.18733972	1
MED4	0.29634781	0.86528878	1	-1.1613795	0.00537563	1
MED6	-0.2867209	0.98033144	1	-0.6612272	0.05747201	1
MED7	1.08997451	0.15974029	1	-0.4049116	0.55568109	1
MED8	1.24021284	0.31385869	1	-1.2440369	0.31502146	1
MED9	1.4333865	0.89260809	1	0.46687021	0.85548905	1
MEDAG	0.27443917	1	1	1.26303441	1	1
MEF2A	-0.425922	0.15896009	1	0.09057847	0.46208334	1
MEF2B	0.14073411	0.53736775	1	0.51675728	0.60043224	1
MEF2C	0.28794716	0.72099249	1	0.86661401	0.19529399	1
MEF2D	0.18607301	0.2001828	1	0.27543613	0.11114066	1
MEFV	-8.3058183	0.19965135	1	-4.9915242	0.3629285	1
MEGF10	-8.1784445	0.36779564	1	-6.8792337	0.52259551	1
MEGF11	0.05752781	0.36410862	1	0.70637461	0.1886894	1
MEGF8	1.01741276	0.33814895	1	0.18334674	0.70507526	1
MEGF9	-0.7531699	0.27841647	1	0.27256173	0.75979532	1
MEI1	0.0701161	0.55059839	1	1.15626932	0.44141186	1
MEI4	-6.3243319	0.36779564	1	-4.2369282	0.52259551	1
MEIG1	-6.0973458	0.36779564	1	-10.013888	0.06553217	1
MEIKIN	0.27443917	1	1	-7.8190592	0.52259551	1
MEIOB	-7.8095365	0.36779564	1	1.26303441	1	1
MEIOC	0.27443917	1	1	-7.6170939	0.3629285	1
MEIS1	0.77947952	0.57473755	1	11.7263947	0.02855238	1
MEIS2	-10.349489	0.06784723	1	-6.1911657	0.3629285	1
MEIS3	0.27443917	1	1	1.26303441	1	1
MELK	0.27443917	1	1	1.26303441	1	1
MELTF	0.27443917	1	1	1.26303441	1	1
MEMO1	-0.1366053	0.62377732	1	0.61149648	0.02722843	1
MEN1	0.32958213	0.68789913	1	-1.2965997	0.0838231	1
MEOX1	0.27443917	1	1	1.26303441	1	1
MEOX2	0.27443917	1	1	1.26303441	1	1
MEP1A	0.27443917	1	1	1.26303441	1	1
MEP1B	0.27443917	1	1	1.26303441	1	1
MEPCE	1.41691849	0.12385563	1	-0.5378043	0.33079292	1
MEPE	0.27443917	1	1	1.26303441	1	1
MERTK	-1.8560544	0.25400575	1	-2.1659066	0.10515972	1
MESD	-0.1677793	0.56436508	1	-1.6351834	0.01831474	1
MESP1	0.27443917	1	1	1.26303441	1	1
MESP2	0.27443917	1	1	1.26303441	1	1
MEST	-7.8049949	0.19965135	1	-7.3636385	0.3629285	1
MET	9.47580949	0.12052946	1	2.08652682	0.35926299	1
METAP1	0.54784002	0.01288396	1	1.02738385	0.0069318	1

METAP1D	0.33734067	0.28349021	1	0.41383395	0.41086481	1
METAP2	-0.4501722	0.24594715	1	-0.9689477	0.02199142	1
METRN	-8.5087936	0.19965135	1	-7.6426897	0.1474095	1
METRNL	0.51571567	0.47480078	1	-0.8474395	0.02574309	1
METTL1	1.71356111	0.28526399	1	4.00637571	0.04189231	1
METTL14	-0.0455503	0.89363767	1	0.4224764	0.65977311	1
METTL15	0.45795571	0.13100318	1	0.95513321	0.03194506	1
METTL16	-0.7879138	0.07055617	1	-0.3433946	0.25378637	1
METTL17	-0.4484787	0.80862687	1	-0.1971553	0.52225797	1
METTL18	-1.7655194	0.15700157	1	-1.6964234	0.10671663	1
METTL21A	0.45950302	0.37706981	1	-0.7578845	0.16377664	1
METTL21C	0.27443917	1	1	1.26303441	1	1
METTL22	1.58556108	0.50721408	1	-0.0139141	0.82069146	1
METTL23	-2.2514137	0.68052236	1	-3.9396117	0.0133094	1
METTL24	-9.3970908	0.11486391	1	-9.7854195	0.06553217	1
METTL25	-1.0982268	0.24776527	1	-0.335392	0.75328373	1
METTL26	0.41842287	0.52537988	1	-1.1020815	0.18977234	1
METTL27	0.27443917	1	1	-6.4628686	0.52259551	1
METTL2A	-1.7048268	0.697899	1	-2.6078431	0.04623121	1
METTL3	1.24946928	0.12511111	1	-0.1910143	0.69828568	1
METTL4	-0.316698	0.75692982	1	0.63362387	0.0535969	1
METTL5	0.16531855	0.97188389	1	0.18736566	0.84089234	1
METTL6	0.22008979	0.27889804	1	0.04658446	0.24404885	1
METTL7A	1.20513155	0.23424575	1	0.14705077	0.69354539	1
METTL7B	0.27443917	1	1	1.26303441	1	1
METTL8	-0.0810826	0.90874534	1	0.25004371	0.55918339	1
METTL9	0.53401564	0.09690309	1	0.15921654	0.92959189	1
MEX3A	0.27443917	1	1	-8.5581688	0.26373073	1
MEX3B	8.43873091	0.2752184	1	9.42732614	0.12281968	1
MEX3C	-0.8741847	0.18292855	1	0.40626967	0.63421165	1
MEX3D	7.10225734	0.2752184	1	-1.4490982	0.48702665	1
MFAP1	-0.0894536	0.72828484	1	-0.5406075	0.25618188	1
MFAP2	0.27443917	1	1	1.26303441	1	1
MFAP3	-0.0697048	0.72813375	1	-0.4499411	0.82978332	1
MFAP3L	-10.245268	0.04066178	1	-9.6585816	0.08544191	1
MFAP4	0.27443917	1	1	1.26303441	1	1
MFAP5	0.27443917	1	1	1.26303441	1	1
MFF	-0.2001719	0.95428686	1	-0.4512799	0.24063521	1
MFGE8	0.41610533	0.31923368	1	0.05531015	0.35678393	1
MFHAS1	-0.4227956	0.44708804	1	-0.1850659	0.26457512	1
MFN1	-0.0806436	0.87985789	1	0.28712087	0.5504224	1
MFN2	-1.2319962	0.697899	1	-1.5147453	0.22687576	1
MFNG	0.46813989	0.25614499	1	-0.9904862	0.0062153	1

MFRP	0.27443917	1	1	1.26303441	1	1
MFSD1	-0.0276698	0.54280434	1	-0.262281	0.69636756	1
MFSD10	-1.216638	0.89448096	1	-2.4574976	0.04377618	1
MFSD11	-0.2867398	0.9345712	1	0.82816042	0.22628498	1
MFSD12	1.12225038	0.52198056	1	0.53122291	0.71246045	1
MFSD13A	0.74617332	0.52198056	1	0.23914887	0.86167166	1
MFSD14A	-0.3703774	0.71098096	1	-0.2126985	0.48671185	1
MFSD14B	-0.3067306	0.18997943	1	-0.6857452	0.03965139	1
MFSD2A	0.27443917	1	1	1.26303441	1	1
MFSD2B	0.27443917	1	1	-7.0423795	0.52259551	1
MFSD3	-8.5811458	0.11486391	1	-9.4916841	0.03889469	1
MFSD4A	0.32563861	0.93912831	1	-0.210695	0.5746395	1
MFSD4B	-7.1890866	0.36779564	1	-7.2130606	0.3629285	1
MFSD5	-8.5056369	0.19965135	1	-8.9673086	0.08544191	1
MFSD6	-0.0203952	0.72510348	1	0.42655268	0.21766892	1
MFSD6L	0.27443917	1	1	1.26303441	1	1
MFSD8	-0.1296642	0.85024279	1	0.4463391	0.21750725	1
MFSD9	1.60822258	0.06111316	1	0.25991112	0.25227776	1
MGA	0.18280322	0.6579677	1	0.36485888	0.21212894	1
MGAM	8.28827283	0.2752184	1	9.27686806	0.12281968	1
MGAM2	0.27443917	1	1	1.26303441	1	1
MGARP	0.27443917	1	1	1.26303441	1	1
MGAT1	-0.1534612	0.69173795	1	-0.5250572	0.06533874	1
MGAT2	1.27191007	0.3108809	1	-0.4130171	0.40551711	1
MGAT3	-0.7365535	0.18460251	1	1.10782704	0.45272743	1
MGAT4A	-0.0167641	0.66546792	1	-0.0645413	0.4297569	1
MGAT4B	-0.2219931	0.78005262	1	-0.6373019	0.24181661	1
MGAT4C	0.27443917	1	1	1.26303441	1	1
MGAT4D	0.27443917	1	1	1.26303441	1	1
MGAT5	-0.4250626	0.07831058	1	0.11933827	0.33925024	1
MGAT5B	0.27443917	1	1	1.26303441	1	1
MGLL	2.06068624	0.00804484	1	1.4967338	0.01796677	1
MGME1	0.71726009	0.23424575	1	-0.4644777	0.91100768	1
MGMT	-0.8378356	0.09756524	1	-0.0818651	0.51950292	1
MGP	0.27443917	1	1	-6.8796385	0.52259551	1
MGRN1	-0.5287317	0.4007234	1	1.36336199	0.3947619	1
MGST1	8.76707513	0.2752184	1	0.97494574	0.8783593	1
MGST2	0.81414188	0.22572511	1	-1.0872194	0.06044587	1
MGST3	-0.5653082	0.57710892	1	-2.6958268	3.21E-12	8.85E-08
MIA	0.27443917	1	1	1.26303441	1	1
MIA-1	-9.0468777	0.11486391	1	-7.9830729	0.26373073	1
MIA2	-0.2579583	0.8168445	1	0.3788637	0.25198577	1
MIA3	-0.2211631	0.89214013	1	-0.1304941	0.96069391	1

MIB1	-0.0479338	0.87898257	1	0.62332206	0.02313228	1
MIB2	0.98849442	0.11526276	1	0.35615799	0.8979308	1
MICAL1	-1.2156345	0.44329274	1	-0.6410024	0.48008583	1
MICAL3	0.67022745	0.50293235	1	0.92851469	0.33412023	1
MICALL1	-0.2115756	0.70539858	1	0.62723429	0.35804669	1
MICALL2	0.27443917	1	1	-6.5402603	0.52259551	1
MICB	0.27443917	1	1	1.26303441	1	1
MICOS10	-1.2754764	0.02467101	1	-2.1601394	5.86E-08	0.00161699
MICU1	-0.3993732	0.55565878	1	-0.2720735	0.49110739	1
MICU2	0.36140684	0.18820661	1	0.47255031	0.03288029	1
MICU3	0.23536036	0.74951021	1	0.3175535	0.37401125	1
MID1	-2.848127	0.15081145	1	0.17949859	0.8895985	1
MID1IP1	-1.1746635	0.46277583	1	-2.5658952	0.00656267	1
MID2	0.43393517	0.87543803	1	0.69780423	0.36291095	1
MIDN	0.5080193	1	1	0.16219928	0.6368684	1
MIEF1	0.05424698	0.83629035	1	-0.1730769	0.87277212	1
MIEF2	-1.608936	0.68052236	1	-1.0231034	0.64032309	1
MIEN1	-0.0806266	0.26056869	1	-1.8987777	0.03116596	1
MIER1	-0.0252958	0.8472771	1	-0.1413555	0.52519495	1
MIER2	0.00256034	0.30646031	1	1.07955418	0.03696129	1
MIER3	-1.5039443	0.36358287	1	-0.937406	0.21128446	1
MIF	0.05107665	0.39064199	1	-2.2205421	2.94E-09	8.13E-05
MIF4GD	2.10290564	0.02457834	1	-0.6121593	0.49873317	1
MIGA1	0.00386457	0.75893334	1	-0.0547877	0.79833065	1
MIGA2	0.3383347	0.62910864	1	0.21044314	0.92197261	1
MIIP	-10.48118	0.01493805	1	-9.8616592	0.01082624	1
MILR1	2.3722044	0.49174922	1	1.77818444	0.42154953	1
MINDY1	0.955245	0.09262591	1	0.72043154	0.2686713	1
MINDY2	-0.2470594	0.88185532	1	-0.0752538	0.93034508	1
MINDY3	0.4075389	0.16218264	1	0.45221814	0.12020136	1
MINDY4	-1.1774627	0.2572727	1	1.63501017	0.52223338	1
MINDY4B	0.27443917	1	1	1.26303441	1	1
MINK1	-0.45848	0.34190696	1	0.01535197	0.9167138	1
MINPP1	-0.0326735	0.73111606	1	-0.0669246	0.91679482	1
MIOS	1.64689662	0.30792181	1	-0.7108875	0.64831606	1
MIOX	0.27443917	1	1	1.26303441	1	1
MIPEP	0.28659428	0.32535432	1	-0.0431032	0.88526797	1
MIPOL1	-7.449598	0.19965135	1	-7.9524394	0.1958879	1
MIR1-2	0.27443917	1	1	1.26303441	1	1
MIR1230	0.27443917	1	1	1.26303441	1	1
MIR1284	0.27443917	1	1	1.26303441	1	1
MIR1296	0.27443917	1	1	1.26303441	1	1
MIR132	0.27443917	1	1	1.26303441	1	1

MIR142	-2.5510178	0.67317602	1	-0.4362952	0.64825479	1
MIR147B	-8.288628	0.36779564	1	-11.025958	0.00303706	1
MIR155HG	0.20898512	0.85135027	1	1.76303394	0.59553177	1
MIR17	0.27443917	1	1	1.26303441	1	1
MIR1915HG	0.27443917	1	1	1.26303441	1	1
MIR197	0.27443917	1	1	1.26303441	1	1
MIR212	0.27443917	1	1	1.26303441	1	1
MIR223	0.27443917	1	1	1.26303441	1	1
MIR23A	0.27443917	1	1	1.26303441	1	1
MIR24-2	0.27443917	1	1	1.26303441	1	1
MIR27A	0.27443917	1	1	1.26303441	1	1
MIR29A	0.27443917	1	1	1.26303441	1	1
MIR29B-1	0.27443917	1	1	1.26303441	1	1
MIR29B-2	0.27443917	1	1	1.26303441	1	1
MIR29C	0.27443917	1	1	1.26303441	1	1
MIR3140	0.27443917	1	1	1.26303441	1	1
MIR3173	0.27443917	1	1	1.26303441	1	1
MIR320A	0.27443917	1	1	1.26303441	1	1
MIR320B	0.27443917	1	1	1.26303441	1	1
MIR320C	-8.4020936	0.36779564	1	1.26303441	1	1
MIR324	0.27443917	1	1	1.26303441	1	1
MIR34C	0.27443917	1	1	1.26303441	1	1
MIR374B	0.27443917	1	1	1.26303441	1	1
MIR421	0.27443917	1	1	-3.7413079	0.52259551	1
MIR423	0.27443917	1	1	1.26303441	1	1
MIR425	0.27443917	1	1	1.26303441	1	1
MIR4796	0.27443917	1	1	1.26303441	1	1
MIR511	0.27443917	1	1	1.26303441	1	1
MIR548E	0.27443917	1	1	1.26303441	1	1
MIR568	8.2633308	0.2752184	1	9.25192604	0.12281968	1
MIR572	0.27443917	1	1	1.26303441	1	1
MIR573	0.27443917	1	1	1.26303441	1	1
MIR597	0.27443917	1	1	1.26303441	1	1
MIR604	0.27443917	1	1	1.26303441	1	1
MIR6129	0.27443917	1	1	1.26303441	1	1
MIR631	0.27443917	1	1	1.26303441	1	1
MIR644	0.27443917	1	1	1.26303441	1	1
MIR650A-2	0.27443917	1	1	1.26303441	1	1
MIR663-6	1.75771456	0.11815455	1	3.7164021	0.01244188	1
MIR7173	0.27443917	1	1	1.26303441	1	1
MIR7188	0.27443917	1	1	1.26303441	1	1
MIR7197	0.27443917	1	1	1.26303441	1	1
MIR922	0.27443917	1	1	1.26303441	1	1

MIR92B	0.27443917	1	1	1.26303441	1	1
MIR937	0.27443917	1	1	1.26303441	1	1
MIRLET7A-1	0.27443917	1	1	1.26303441	1	1
MIRLET7B	-8.1971641	0.36779564	1	1.26303441	1	1
MIRLET7D	0.27443917	1	1	1.26303441	1	1
MIRLET7F-1	0.27443917	1	1	1.26303441	1	1
MIRLET7I	0.27443917	1	1	-3.4115773	0.52259551	1
MIS12	0.11458714	0.67247196	1	-0.0719742	0.23683672	1
MIS18A	2.40718584	0.00345685	1	1.02055076	0.20626061	1
MIS18BP1	-0.6115245	0.28650303	1	-0.8081744	0.04692687	1
MISP	0.27443917	1	1	-5.9107899	0.52259551	1
MISP3	0.27443917	1	1	-8.4263964	0.26373073	1
MITD1	-0.427708	0.78701012	1	-1.2242572	0.03712568	1
MITF	-0.1743487	0.9667701	1	0.85724982	0.32467839	1
MIXL1	0.27443917	1	1	1.26303441	1	1
MKI67	-0.5928274	0.96530384	1	-0.3941521	0.81691368	1
MKKS	-0.085995	0.66794153	1	-1.7819298	0.00214859	1
MKLN1	-0.4231243	0.04496653	1	-0.0046248	0.93416884	1
MKNK1	-1.0112757	0.21137563	1	0.1263227	0.5997098	1
MKNK2	0.10059773	0.94653817	1	-0.0348049	0.62541608	1
MKRN1	-0.4278796	0.99677886	1	-0.5962196	0.24290687	1
MKRN2	-0.3009717	0.54542175	1	-0.0071187	0.94684646	1
MKRN2OS	-0.5150886	0.90231962	1	1.85925527	0.52223338	1
MKRN3	-8.0151886	0.36779564	1	1.26303441	1	1
MKS1	0.27443917	1	1	1.26303441	1	1
MKX	0.27443917	1	1	1.26303441	1	1
MLANA	-1.0492943	0.90231962	1	-2.5769607	0.0801647	1
MLC1	7.37245979	0.2752184	1	8.36105503	0.12281968	1
MLEC	-0.5255782	0.97923507	1	-0.9548791	0.06024638	1
MLF1	-0.7490025	0.37418384	1	-0.5321023	0.52225797	1
MLF2	-1.0704497	0.44046599	1	-2.1242684	0.00605862	1
MLH1	-0.2967097	0.67481434	1	-0.981438	0.69547259	1
MLH3	0.40963205	0.27061437	1	0.32012181	0.96756606	1
MLIP	0.27443917	1	1	-6.0043987	0.52259551	1
MLKL	-1.3920723	0.15016898	1	-0.1535566	0.74425002	1
MLLT1	1.74666118	0.1862645	1	2.66148653	0.1036209	1
MLLT11	-6.7100151	0.36779564	1	-8.3518711	0.1474095	1
MLLT3	-0.1045265	0.98759806	1	0.3940409	0.10831382	1
MLLT6	-0.0794575	0.84858573	1	0.50235447	0.14123659	1
MLN	0.27443917	1	1	1.26303441	1	1
MLNR	1.20040714	0.89260809	1	8.78777343	0.12281968	1
MLPH	0.27443917	1	1	1.26303441	1	1
MLST8	0.61560106	0.80799068	1	-0.6438186	0.51076161	1

MLX	-0.4921346	0.55002872	1	-1.7378638	0.08045499	1
MLXIP	0.60593759	0.00356551	1	1.15857808	1.51E-06	0.0417024
MLXIPL	-7.1890866	0.36779564	1	1.26303441	1	1
MLYCD	-1.3091213	0.31207067	1	-0.7456276	0.3422533	1
MMAA	0.46211446	0.67572192	1	1.04594636	0.064201	1
MMAB	-0.4109531	0.55002872	1	-0.2211813	0.70286286	1
MMACHC	0.27443917	1	1	-4.2369282	0.52259551	1
MMADHC	-0.3386418	0.56076418	1	-1.3179537	0.10466374	1
MMD	0.22644679	0.57482844	1	0.27673745	0.9640717	1
MMD2	0.27443917	1	1	1.26303441	1	1
MME	0.0126995	0.97656842	1	2.67917635	0.04292093	1
MMEL1	0.27443917	1	1	1.26303441	1	1
MMGT1	-0.4946784	0.73123883	1	0.39876849	0.90887934	1
MMP1	0.27443917	1	1	1.26303441	1	1
MMP10	-5.7676125	0.36779564	1	-6.6237736	0.52259551	1
MMP11	-7.3858295	0.36779564	1	-7.7484054	0.3629285	1
MMP12	0.27443917	1	1	1.26303441	1	1
MMP13	0.27443917	1	1	1.26303441	1	1
MMP14	-0.8077212	0.26056869	1	-0.0339192	0.29712061	1
MMP15	0.27443917	1	1	1.26303441	1	1
MMP16	0.27443917	1	1	1.26303441	1	1
MMP17	-7.3168702	0.36779564	1	-7.4452379	0.3629285	1
MMP19	-2.1816245	0.09732661	1	-0.9103683	0.13902025	1
MMP2	1.85821611	0.89260809	1	-1.3307954	0.84581067	1
MMP20	-1.2596806	0.68052236	1	-1.6269696	0.8409801	1
MMP21	0.27443917	1	1	-7.1813296	0.52259551	1
MMP23B	0.27443917	1	1	1.26303441	1	1
MMP24	-2.2975708	0.41260835	1	-0.9860308	0.84581067	1
MMP24OS	0.77713578	0.50663218	1	-0.0070989	0.73608321	1
MMP25	-0.1896816	0.31620303	1	-0.1525721	0.71674666	1
MMP27	0.27443917	1	1	1.26303441	1	1
MMP28	-7.4529774	0.36779564	1	-7.3792526	0.52259551	1
MMP3	0.27443917	1	1	1.26303441	1	1
MMP7	0.27443917	1	1	1.26303441	1	1
MMP9	-7.7025031	0.36779564	1	-6.2364385	0.52259551	1
MMRN1	-7.8239868	0.36779564	1	-8.4099863	0.1474095	1
MMRN2	0.27443917	1	1	1.26303441	1	1
MMS19	-0.3311553	0.90740122	1	-0.2131188	0.46759613	1
MMS22L	-1.7310512	0.37062913	1	-1.7174862	0.20523559	1
MMUT	0.20873823	0.91023596	1	0.07314417	0.74697875	1
MN1	0.27443917	1	1	1.26303441	1	1
MNAT1	-0.4883424	0.15822423	1	0.12205998	0.99377685	1
MND1	0.27443917	1	1	1.26303441	1	1

MNDA	-1.8555365	0.00488716	1	-1.6788191	0.00846707	1
MNP2	0.27443917	1	1	1.26303441	1	1
MNS1	-10.711561	0.04066178	1	-10.060581	0.11188911	1
MNT	0.58776682	0.15313917	1	0.26563513	0.45832028	1
MNX1	0.27443917	1	1	-7.5842072	0.52259551	1
MOAP1	-0.2237905	0.85135027	1	-1.9307924	0.24954369	1
MOB1A	-0.771572	0.10090249	1	-0.9174396	0.00587231	1
MOB1B	0.97977327	0.11221641	1	1.00817772	0.12072853	1
MOB2	0.34767722	0.24939598	1	0.67118853	0.02429875	1
MOB3A	0.18545483	0.17464349	1	0.34340107	0.14942574	1
MOB3B	0.49919175	0.75446261	1	0.94098596	0.33762637	1
MOB3C	0.03606453	0.85135027	1	-0.8969388	0.7770574	1
MOB4	0.082716	0.81318825	1	-0.4012109	0.26675396	1
MOBP	0.27443917	1	1	-6.6076133	0.52259551	1
MOCOS	1.33536383	0.09023872	1	-0.1503305	0.84055578	1
MOCS1	0.27443917	1	1	1.26303441	1	1
MOCS2	1.02680753	0.22911186	1	-0.0447935	0.81968288	1
MOCS3	-2.5069796	0.40765452	1	-1.4602518	0.64032309	1
MOG	0.27443917	1	1	1.26303441	1	1
MOGAT1	-5.9776946	0.36779564	1	1.26303441	1	1
MOGAT2	0.27443917	1	1	1.26303441	1	1
MOGAT3	0.27443917	1	1	1.26303441	1	1
MOGS	-0.9647596	0.38822059	1	-2.6002588	0.00369437	1
MOK	1.07523576	0.35207728	1	1.39113277	0.04991796	1
MON1A	-0.2519747	0.9957419	1	0.51474042	0.71324158	1
MON1B	-1.6488788	0.15859143	1	-2.0318212	0.01982184	1
MON2	0.0418145	0.55789185	1	0.10883687	0.4498394	1
MORC1	0.27443917	1	1	1.26303441	1	1
MORC2	-0.8200145	0.1761145	1	-0.2276143	0.66669721	1
MORC3	-0.4955849	0.54256982	1	-0.0421177	0.62964775	1
MORC4	-8.9260215	0.19965135	1	-4.8452911	0.3629285	1
MORF4L1	-0.1010041	0.68976381	1	-0.4098324	0.06631831	1
MORF4L2	-0.4564753	0.93196433	1	-0.7943925	0.04105131	1
MORN1	-1.1632081	0.68052236	1	-2.0380735	0.64032309	1
MORN2	-9.2032051	0.11486391	1	-9.4169157	0.06553217	1
MORN3	-2.7611852	0.09467856	1	-2.1667016	0.48386448	1
MORN4	0.27443917	1	1	-7.0946012	0.3629285	1
MORN5	0.27443917	1	1	-8.0284617	0.3629285	1
MOSMO	-0.6715988	0.86688967	1	-0.4572024	0.53245061	1
MOSPD1	0.03359091	0.82075644	1	-1.4038843	0.13302268	1
MOSPD2	-0.8699884	0.23775369	1	-0.1087923	0.87566702	1
MOSPD3	8.74442394	0.12052946	1	-2.2757696	0.031698	1
MOV10	-0.620168	0.23251463	1	0.39678489	0.34323642	1

MOV10L1	-7.284789	0.36779564	1	-7.1361238	0.3629285	1	
MOXD1	0.27443917	1	1	1.26303441	1	1	
MPC1	0.8809317	0.70283452	1	0.16500442	0.5151693	1	
MPC1L	0.27443917	1	1	1.26303441	1	1	
MPC2	0.23113611	0.9452835	1	-2.0849425	1.87E-06	0.05148224	
MPDU1	-0.7878186	0.58253458	1	-1.8447079	0.07651579	1	
MPDZ	-8.6267271	0.36779564	1	1.26303441	1	1	
MPEG1	-2.5187763	0.00567294	1	-3.0233398	0.00119122	1	
MPG	0.44956557	0.34953632	1	-0.7568208	0.23981389	1	
MPHOSPH10	-1.1261085	0.17331386	1	-0.9517196	0.10013684	1	
MPHOSPH6	-0.7334465	0.55025887	1	-1.2370107	0.06593001	1	
MPHOSPH8	-0.5798079	0.69755332	1	-0.9561876	0.00291092	1	
MPHOSPH9	0.04760155	0.17594399	1	0.25537794	0.62740278	1	
MPI	0.27443917	1	1	-8.7717276	0.1474095	1	
MPIG6B	0.27443917	1	1	1.26303441	1	1	
MPLKIP	1.02872434	0.78648875	1	-1.2069032	0.08303856	1	
MPND	1.02852287	0.81908362	1	-0.7855051	0.14543201	1	
MPO	0.27443917	1	1	1.26303441	1	1	
MPP1	1.84865647	0.49668398	1	0.39797672	0.8908492	1	
MPP2	0.27443917	1	1	1.26303441	1	1	
MPP3	0.27443917	1	1	1.26303441	1	1	
MPP4	0.27443917	1	1	-7.282234	0.3629285	1	
MPP5	-0.2354485	0.53391935	1	0.80088647	0.16630939	1	
MPP6	0.30192876	0.73731576	1	0.21919302	0.57880472	1	
MPP7	0.55372748	0.0222734	1	0.42381596	0.09649833	1	
MPPE1	-0.769585	0.47480078	1	-0.4171046	0.70385535	1	
MPPED1	0.27443917	1	1	1.26303441	1	1	
MPPED2	1.54129394	0.31385869	1	1.08411441	0.57621559	1	
MPRIP	0.58693785	0.14843238	1	1.07397936	0.00839017	1	
MPST	0.44248144	0.48916815	1	-1.1425773	0.11498272	1	
MPV17	-0.1424564	0.91549579	1	-0.7587487	0.19340051	1	
MPV17L2	-0.6217329	0.4226224	1	-2.0713244	0.36947031	1	
MPZ	8.65170601	0.12052946	1	0.57054776	0.81809414	1	
MPZL1	-0.7388564	0.0561305	1	0.15855111	0.37328224	1	
MPZL2	7.37245979	0.2752184	1	-1.6902472	0.37197527	1	
MPZL3	-0.0028069	0.81738863	1	-0.8824091	0.00869391	1	
MRAP	0.27443917	1	1	1.26303441	1	1	
MRAS	-0.8654699	0.90231962	1	-1.284997	0.37701669	1	
MRC1	-0.4123175	0.01414756	1	-0.3019691	0.00125181	1	
MRC2	0.27443917	1	1	-8.4198143	0.26373073	1	
MRE11	-0.1733926	0.94001285	1	-0.0705778	0.63204471	1	
MREG	0.75315809	0.4634873	1	2.10515227	0.15869376	1	
MRFAP1	-1.9394948	0.01963914	1	-2.7022273	5.10E-06	0.14077236	

MRFAP1L1	-0.373114	0.77149457	1	-0.5449004	0.35126388	1
MRGBP	1.29242304	0.84452255	1	0.04163406	0.27614067	1
MRGPRE	0.27443917	1	1	1.26303441	1	1
MRGPRF	0.27443917	1	1	1.26303441	1	1
MRGPRX1	-6.8152308	0.36779564	1	1.26303441	1	1
MRGPRX2	-6.8152308	0.36779564	1	1.26303441	1	1
MRI1	2.21291602	0.89260809	1	0.09549595	0.49657976	1
MRLN	8.79845738	0.12052946	1	9.78705261	0.02855238	1
MRM1	0.27443917	1	1	1.26303441	1	1
MRM2	0.94181794	0.09142605	1	4.10445663	0.00098557	1
MRM3	0.4220309	0.16981873	1	-0.2380561	0.61212334	1
MRNIP	1.07027218	0.34097321	1	1.96578326	0.06273558	1
MRO	0.27443917	1	1	1.26303441	1	1
MROH1	0.26033832	0.06087719	1	0.62465181	0.00171503	1
MROH2A	8.1751968	0.2752184	1	9.16379203	0.12281968	1
MROH2B	0.27443917	1	1	1.26303441	1	1
MROH5	0.27443917	1	1	1.26303441	1	1
MROH6	0.27443917	1	1	1.26303441	1	1
MROH7	1.58853429	0.28526399	1	1.44902775	0.3059471	1
MROH8	-7.5439455	0.36779564	1	-7.9939742	0.3629285	1
MROH9	0.27443917	1	1	1.26303441	1	1
MRPL1	0.29597628	0.59164076	1	0.34167874	0.94766203	1
MRPL10	-0.7132891	0.28472628	1	-1.3146125	0.02586522	1
MRPL11	-0.0618709	0.81775423	1	-2.3517053	0.00080068	1
MRPL12	0.36017973	0.97656842	1	-1.5232455	0.01954955	1
MRPL13	0.19710328	0.68421252	1	-0.501051	0.31043866	1
MRPL14	0.24028948	0.78787166	1	-1.0538676	0.04876814	1
MRPL15	-3.4803413	0.24755874	1	-3.8755079	0.0361116	1
MRPL16	0.37225162	0.1797172	1	0.36071707	0.93167035	1
MRPL17	-0.018261	0.75670829	1	-1.3625319	0.04062772	1
MRPL18	-3.1613287	0.03598346	1	-3.1767457	0.01384498	1
MRPL19	-1.6420679	0.25400575	1	-2.9698542	0.02953295	1
MRPL2	0.6625156	0.34097321	1	-0.8011095	0.44830906	1
MRPL20	-0.8539403	0.24839288	1	-2.6018039	0.00010317	1
MRPL21	0.01261222	0.7964018	1	-1.5419135	0.01518814	1
MRPL22	-1.4121312	0.19581337	1	-1.6505908	0.00938911	1
MRPL23	0.66822716	0.21173758	1	-2.4144088	0.00010707	1
MRPL24	-1.1595958	0.56881052	1	-1.3469838	0.12690126	1
MRPL24-1	-7.437681	0.19965135	1	-6.1519811	0.52259551	1
MRPL27	-2.5018562	0.01036515	1	-3.1988987	0.00016005	1
MRPL28	-1.4411634	0.8025791	1	-2.9269056	0.01785572	1
MRPL3	-0.2125829	0.520174	1	-0.6287878	0.61779621	1
MRPL30	0.84582265	0.62610349	1	-0.3205057	0.42612734	1

MRPL32	-1.6251251	0.10470806	1	-2.913815	0.0012073	1
MRPL33	-1.576952	0.06717392	1	-3.2737793	0.00015255	1
MRPL34	-0.2326256	0.9957419	1	-2.5886401	6.24E-05	1
MRPL35	-0.741021	0.85135027	1	-3.7493226	0.00191945	1
MRPL36	-0.7551214	0.85135027	1	-2.6475697	0.01479813	1
MRPL37	-1.1836613	0.10717682	1	-0.4059883	0.29806588	1
MRPL38	0.64049674	0.07435856	1	0.08318743	0.8538821	1
MRPL39	-0.8283382	0.73740844	1	-0.5193737	0.3998519	1
MRPL4	2.01098499	0.30792181	1	-0.1237167	0.43137216	1
MRPL40	-0.2384815	0.66794153	1	-2.4483867	0.00665208	1
MRPL41	-0.8673174	0.2869066	1	-2.6505945	7.63E-06	0.21066497
MRPL42	1.66052367	0.01687183	1	-0.3079353	0.48172372	1
MRPL43	1.59853692	0.31685518	1	-1.1110104	0.02639842	1
MRPL44	0.75804984	0.51499182	1	0.13391646	0.66030416	1
MRPL45	0.68265619	0.52537988	1	1.11225915	0.44644938	1
MRPL46	-1.6155231	0.15016898	1	-2.0088232	0.02331176	1
MRPL47	-0.3581505	0.9240564	1	-0.9094188	0.12066859	1
MRPL48	0.47602485	0.80096234	1	-0.6024165	0.09922272	1
MRPL49	-0.9275948	0.5506235	1	-1.1065175	0.32595403	1
MRPL50	-0.9105673	0.5506235	1	-1.4451147	0.13060842	1
MRPL51	0.39247356	0.78405153	1	-2.1811281	4.83E-08	0.0013335
MRPL52	0.70792817	0.51499182	1	-1.244444	0.13282623	1
MRPL53	0.98637637	0.05217766	1	-1.7064328	0.00548945	1
MRPL54	-0.9743872	0.66342316	1	-0.3294854	0.44632426	1
MRPL55	0.69265558	0.8024585	1	-2.0081814	0.02808383	1
MRPL57	-1.9203922	0.06559487	1	-3.7255127	4.28E-06	0.1179776
MRPL58	-0.8686171	0.9702001	1	-0.2856638	0.50218305	1
MRPL9	0.6089771	0.51196568	1	-0.5287503	0.38559188	1
MRPS10	0.03209809	0.86871115	1	0.43132694	0.65093931	1
MRPS11	0.22931293	0.20871969	1	-0.3474276	0.71709365	1
MRPS12	-1.830519	0.2078587	1	-3.6803273	1.77E-05	0.48885965
MRPS14	-2.693023	0.09599528	1	-3.9613555	0.00104397	1
MRPS15	-0.5314863	0.34071321	1	-1.6729116	0.00040763	1
MRPS16	-0.6731558	0.9242568	1	-0.8324602	0.05198682	1
MRPS17	-0.2956291	0.38135626	1	-0.8679119	0.08539223	1
MRPS18A	1.89239514	0.03444054	1	-0.2935357	0.82826683	1
MRPS18B	-0.7381837	0.81735692	1	-1.1329211	0.14887508	1
MRPS18C	-3.2493147	0.01546258	1	-3.4222682	0.00146606	1
MRPS2	-0.0290739	0.3016831	1	-0.6563551	0.58089264	1
MRPS21	2.6811314	0.05537824	1	-1.4542122	0.07207541	1
MRPS22	-1.455159	0.322885	1	-1.2380861	0.05116658	1
MRPS23	-0.1464744	0.73965666	1	-2.0356291	0.00322018	1
MRPS24	-0.4065337	0.30276998	1	-1.8781592	0.00463726	1

MRPS25	0.57415914	0.70678327	1	-1.1801974	0.00475891	1
MRPS26	0.68103795	0.0474593	1	-1.2953778	0.01285612	1
MRPS27	-0.4165245	0.74547372	1	-0.2566437	0.74306798	1
MRPS28	-0.2047504	0.52728658	1	-0.42752	0.21421254	1
MRPS30	-2.0019319	0.09732661	1	-3.1437668	0.00054984	1
MRPS31	0.76947861	0.18320958	1	0.06613279	0.79516258	1
MRPS33	10.6394251	0.02713794	1	0.65255883	0.9586276	1
MRPS34	1.35349058	0.03364773	1	-1.1307581	0.02586616	1
MRPS35	0.20116025	0.91254755	1	-0.2219471	0.33243112	1
MRPS36	-2.1447026	0.06397872	1	-2.5480523	0.00023259	1
MRPS5	0.03780667	0.9345712	1	-0.6034847	0.13291651	1
MRPS6	0.38215665	0.14174923	1	-0.0801666	0.77974284	1
MRPS7	-1.1639406	0.37418384	1	-2.5919493	0.01901379	1
MRPS9	0.55068228	0.35259452	1	-0.501914	0.0870969	1
MRRF	-3.0018693	0.00340615	1	-2.3653981	0.03899186	1
MRS2	-0.6298197	0.33394081	1	-0.2463437	0.51291505	1
MRTFA	0.20675293	0.14876371	1	0.50433698	0.08860598	1
MRTFB	0.04232298	0.5079028	1	0.5806659	0.17484315	1
MRTO4	-0.2821562	0.90650582	1	-0.2205749	0.80300768	1
MRVI1	0.27443917	1	1	1.26303441	1	1
MS4A1	0.73400341	0.35189194	1	-0.7036514	0.36186797	1
MS4A12	0.27443917	1	1	1.26303441	1	1
MS4A13	0.27443917	1	1	1.26303441	1	1
MS4A14	0.27443917	1	1	-3.7413079	0.52259551	1
MS4A15	0.27443917	1	1	1.26303441	1	1
MS4A2	0.27443917	1	1	1.26303441	1	1
MS4A4A	0.27443917	1	1	1.26303441	1	1
MS4A7	-10.681566	0.01493805	1	-11.880501	0.00023043	1
MS4A8	0.27443917	1	1	-7.1288372	0.52259551	1
MSANTD1	0.27443917	1	1	1.26303441	1	1
MSANTD2	-0.0529116	0.92614664	1	1.22979096	0.14988728	1
MSANTD3	7.66556535	0.2752184	1	0.07086916	0.52790957	1
MSANTD4	0.53127747	0.95743902	1	0.10304537	0.98661535	1
MSC	0.27443917	1	1	1.26303441	1	1
MSGN1	0.27443917	1	1	1.26303441	1	1
MSH2	-0.9948863	0.17109595	1	-0.5636924	0.33039282	1
MSH3	0.00872991	0.69550714	1	0.19482798	0.13122859	1
MSH4	1.0988139	0.45738523	1	0.94376591	0.59936951	1
MSH5	-1.7889276	0.41759769	1	8.66496977	0.12281968	1
MSH6	0.23682405	0.38629393	1	0.02961609	0.85654428	1
MSI1	0.27443917	1	1	1.26303441	1	1
MSI2	0.1375144	0.94122244	1	0.6385772	0.00759604	1
MSL1	0.67986673	0.25614499	1	-0.068139	0.81707844	1

MSL2	0.05575582	0.4288614	1	0.26200085	0.40170735	1
MSL3	-0.1418951	0.48990716	1	0.07358254	0.38152102	1
MSLN	0.27443917	1	1	-7.5019293	0.52259551	1
MSMB	0.27443917	1	1	-8.4397707	0.1958879	1
MSMO1	-0.5521864	0.93752687	1	-1.5962594	0.00506243	1
MSMP	0.27443917	1	1	1.26303441	1	1
MSN	-0.0387465	0.74220446	1	-0.0027883	0.59730728	1
MSR1	-1.0401427	0.1240692	1	-1.3846513	0.02802797	1
MSRA	0.30850415	0.51212282	1	0.68915241	0.04799633	1
MSRB1	-2.1102832	0.25400575	1	-2.2333284	0.10593591	1
MSRB2	-8.0936491	0.19965135	1	-6.7129779	0.26373073	1
MSRB3	0.81359216	0.16776582	1	2.02741299	0.07991594	1
MSS51	0.89251098	0.34346482	1	-0.2442621	0.60626635	1
MST1	0.27443917	1	1	1.26303441	1	1
MST1R	-7.5034267	0.19965135	1	-8.1651124	0.3629285	1
MT1A	0.27443917	1	1	-7.0369475	0.52259551	1
MT1E	-9.9598651	0.06784723	1	-8.4715924	0.11188911	1
MT1JP	0.27443917	1	1	1.26303441	1	1
MT1L	0.27443917	1	1	1.26303441	1	1
MT1M	-7.9030652	0.36779564	1	-9.2529834	0.08544191	1
MT1X	0.27443917	1	1	-8.753103	0.1958879	1
MT2A	-1.3731953	0.10351848	1	-1.9988126	0.00945709	1
MT3	0.27443917	1	1	1.26303441	1	1
MTA1	0.01640049	0.35627062	1	0.55798376	0.20200483	1
MTA2	9.66377949	0.02713794	1	-1.3527787	0.21969143	1
MTA3	-0.1372319	0.98635435	1	0.32259533	0.69252602	1
MTAP	0.62226189	0.53946919	1	0.23155289	0.69400807	1
MTBP	-0.40142	0.91060767	1	-0.3250596	0.88972183	1
MTCH1	-0.2139654	0.63524325	1	-0.6805329	0.07996571	1
MTCH2	0.0527457	0.88401487	1	-0.7483426	0.11810592	1
MTCL1	0.13316074	0.52867968	1	-0.2678311	0.57880472	1
MTCP1	-0.4607113	0.79724792	1	-1.8441404	0.03370687	1
MTDH	-0.2080926	0.41938168	1	-0.5427558	0.00412782	1
MTERF1	-0.6860591	0.50645252	1	-0.1184724	0.57394297	1
MTERF2	-0.2639793	0.58470025	1	0.48604871	0.74896689	1
MTERF3	-0.6046647	0.23191743	1	-0.5877049	0.23332564	1
MTERF4	0.46191171	0.5156459	1	-0.1886536	0.73182868	1
MTF1	1.17119778	0.49311421	1	-0.0462689	0.54858388	1
MTF2	-0.2140238	0.42756626	1	-0.2198234	0.48196283	1
MTFMT	-0.7012192	0.64994186	1	-0.8204757	0.18752188	1
MTFP1	-1.4991337	0.64994186	1	-1.9733886	0.01252803	1
MTFR1	0.92659188	0.15336035	1	0.46523561	0.55803427	1
MTFR1L	0.27270062	0.81908362	1	-0.5230505	0.51291505	1

MTFR2	0.09220344	0.54647286	1	0.46531327	0.67662844	1
MTG1	-0.3631826	0.88249905	1	-0.8741965	0.08924664	1
MTG2	-1.0034428	0.56511641	1	-1.0329178	0.07464357	1
MTHFD1	-0.5274031	0.12079175	1	0.17575731	0.99194966	1
MTHFD1L	0.13463659	0.46322893	1	0.40599539	0.07425378	1
MTHFD2	-0.3660347	0.76057643	1	-0.4417151	0.56867148	1
MTHFD2L	-3.6966833	0.09467856	1	-1.4557289	0.13702304	1
MTHFR	-1.6843871	0.02292087	1	-0.2110881	0.9318152	1
MTHFS	0.40856468	0.51376587	1	-0.8331006	0.06633322	1
MTHFSD	-0.7746283	0.77429394	1	0.56117502	0.1580534	1
MTIF2	-0.7065916	0.48008867	1	-1.2432175	0.04431873	1
MTIF3	-0.2755835	0.91811686	1	0.16716613	0.81577903	1
MTLN	0.19081372	0.78682126	1	-2.4641098	0.00482594	1
MTM1	-0.5399165	0.3396491	1	-0.3011904	0.5645389	1
MTMR1	-0.2404182	0.74378083	1	0.14864709	0.68563359	1
MTMR10	-0.3809849	0.34706544	1	0.42558836	0.26647465	1
MTMR11	0.27443917	1	1	1.26303441	1	1
MTMR12	-0.7773006	0.12964624	1	-0.1004457	0.86576772	1
MTMR14	0.9114086	0.01747511	1	1.51076038	0.00013986	1
MTMR2	1.34728739	0.08310896	1	1.5812708	0.00056948	1
MTMR3	-0.6685645	0.02185248	1	0.18855225	0.80748372	1
MTMR4	0.58110126	0.67171355	1	-0.057903	0.78608801	1
MTMR6	0.78478529	0.03202034	1	0.04091655	0.90581087	1
MTMR7	-1.3246918	0.2572727	1	-1.0532068	0.49338433	1
MTMR8	-0.4728009	0.47358334	1	0.61122421	0.89679563	1
MTMR9	0.38232325	0.70024966	1	0.56304219	0.37720201	1
MTNR1A	0.27443917	1	1	1.26303441	1	1
MTNR1B	0.27443917	1	1	1.26303441	1	1
MTO1	-0.0496722	0.52962372	1	-0.1965285	0.41641999	1
MTOR	0.04367643	0.78738541	1	0.16568984	0.42861571	1
MTPAP	-0.0431149	0.27524483	1	-0.4632326	0.71678077	1
MTPN	0.21041666	0.66096385	1	-0.8190554	0.00573016	1
MTR	-0.2317607	0.59093977	1	0.12069455	0.19268202	1
MTREX	-0.5085524	0.24879247	1	-0.0384036	0.54640177	1
MTRF1	0.52898628	0.34150027	1	-0.5814658	0.25097952	1
MTRF1L	0.77155951	0.34698712	1	-0.5965752	0.3047185	1
MTRNR2L4	0.27443917	1	1	-6.5234327	0.52259551	1
MTRNR2L5	0.27443917	1	1	1.26303441	1	1
MTRR	-0.2749895	0.79034111	1	0.19242627	0.84265229	1
MTSS1	-0.0776375	0.68263265	1	0.58525244	0.01043372	1
MTSS2	10.1889982	0.02713794	1	4.04087551	0.01244188	1
MTTP	0.27443917	1	1	1.26303441	1	1
MTURN	1.02367096	0.4634873	1	-0.4666281	0.95141927	1

MTUS1	0.27443917	1	1	-8.4124984	0.3629285	1
MTUS2	8.60224999	0.2752184	1	0.03196205	0.64825479	1
MTX2	0.43745549	0.76979459	1	-0.1043054	0.56151363	1
MTX3	9.62950438	0.12052946	1	2.35997102	0.15660079	1
MUC1	0.27443917	1	1	1.26303441	1	1
MUC12	-0.8182532	0.90231962	1	-0.1799857	0.85064705	1
MUC13	-0.8408778	0.68052236	1	-0.2376072	0.52790957	1
MUC15	-1.1549091	0.90231962	1	1.92882676	0.52223338	1
MUC16	0.27443917	1	1	-9.1447925	0.11188911	1
MUC19	-6.7926044	0.19965135	1	-7.7000585	0.3629285	1
MUC2	-8.7358655	0.19965135	1	-6.610965	0.52259551	1
MUC20	0.27443917	1	1	-7.2493745	0.52259551	1
MUC21	0.27443917	1	1	1.26303441	1	1
MUC4	-6.8152308	0.36779564	1	-7.1649345	0.52259551	1
MUC5AC	0.27443917	1	1	1.26303441	1	1
MUC5B	0.27443917	1	1	-8.6793115	0.26373073	1
MUC6	-2.2664411	0.67317602	1	0.06936463	0.88397598	1
MUC7	0.27443917	1	1	1.26303441	1	1
MUL1	0.33163215	0.3466669	1	0.38396604	0.46926663	1
MUS81	0.8526516	0.92075933	1	-0.7021311	0.15751022	1
MUSK	0.27443917	1	1	-5.8736835	0.52259551	1
MUSTN1	0.27443917	1	1	1.26303441	1	1
MUTYH	0.14088697	0.3016831	1	-0.9542877	0.95298379	1
MVB12A	-0.4205858	0.3939189	1	-1.4840542	0.0098007	1
MVB12B	-0.4562818	0.4278431	1	1.38552806	0.01398163	1
MVD	-1.4849143	0.34298897	1	-1.1572565	0.03417417	1
MVK	0.09301494	0.68789913	1	-1.2138018	0.49019995	1
MVP	-0.5083594	0.29302668	1	-0.3288061	0.51337893	1
MX1	-2.8384126	2.94E-10	8.12E-06	0.31421562	0.3323872	1
MX2	-4.8538305	9.44E-09	0.00026044	-0.1063162	0.6070784	1
MXD1	-0.2834347	0.76450919	1	0.19107106	0.94258899	1
MXD3	-0.6733239	0.86503869	1	-1.3105811	0.61892472	1
MXD4	-0.0493572	0.84040406	1	-0.6391392	0.07288666	1
MXI1	-1.5483613	0.07413616	1	-1.2486448	0.08113903	1
MXRA5	0.27443917	1	1	1.26303441	1	1
MXRA7	-1.2261663	0.90231962	1	-2.5330552	0.63637252	1
MXRA8	0.27443917	1	1	1.26303441	1	1
MYADM	-0.6303489	0.32294112	1	-1.0735769	0.00794016	1
MYADML2	0.27443917	1	1	1.26303441	1	1
MYB	0.88512462	0.12000471	1	0.40891268	0.4675341	1
MYBBP1A	1.2326364	0.1657316	1	-0.9370026	0.38929211	1
MYBL1	0.25207033	0.4634873	1	-1.0619422	0.94395679	1
MYBL2	-8.2622757	0.36779564	1	1.26303441	1	1

MYBPC1	0.27443917	1	1	1.26303441	1	1
MYBPC2	0.27443917	1	1	1.26303441	1	1
MYBPC3	0.27443917	1	1	1.26303441	1	1
MYBPH	0.27443917	1	1	1.26303441	1	1
MYBPHL	-7.8894416	0.36779564	1	-6.5039958	0.52259551	1
MYC	0.25105075	0.66872032	1	-0.6725543	0.22168271	1
MYCBP	0.54525786	0.5097079	1	0.14036134	0.67997071	1
MYCBP2	-0.0698486	0.98582552	1	0.08609306	0.42701012	1
MYCBPAP	8.29309104	0.2752184	1	9.28168627	0.12281968	1
MYCL	0.27443917	1	1	1.26303441	1	1
MYCN	0.27443917	1	1	1.26303441	1	1
MYCT1	0.27443917	1	1	1.26303441	1	1
MYD88	7.79262339	0.2752184	1	-0.2956471	0.88397598	1
MYDGF	-0.5509159	0.10350658	1	-1.3091581	6.84E-05	1
MYEF2	2.17432886	0.22904601	1	0.1196613	0.27601006	1
MYEOV	0.27443917	1	1	1.26303441	1	1
MYF6	0.27443917	1	1	-6.5683195	0.52259551	1
MYH1	0.27443917	1	1	1.26303441	1	1
MYH10	-0.0227758	0.82464385	1	-0.4239851	0.61381865	1
MYH11	-1.6822801	0.23627707	1	-1.7840995	0.32065621	1
MYH13	0.27443917	1	1	-7.3655525	0.52259551	1
MYH14	-9.407401	0.11486391	1	-8.3974715	0.1958879	1
MYH15	0.27443917	1	1	1.26303441	1	1
MYH2	0.27443917	1	1	1.26303441	1	1
MYH3	0.27443917	1	1	1.26303441	1	1
MYH4	0.27443917	1	1	1.26303441	1	1
MYH7B	-0.0903461	0.81908362	1	0.55089044	0.43521235	1
MYH9	0.20527127	0.24068509	1	0.29649303	0.10423436	1
MYL10	0.27443917	1	1	1.26303441	1	1
MYL12A	-0.2220812	0.98555715	1	-2.6105556	6.44E-14	1.78E-09
MYL12B	-0.3348993	0.48958199	1	-2.5620161	1.23E-14	3.41E-10
MYL2	0.27443917	1	1	1.26303441	1	1
MYL4	0.27443917	1	1	1.26303441	1	1
MYL5	-0.8132852	0.90231962	1	8.35115616	0.12281968	1
MYL6	-0.9310479	0.18896304	1	-2.65957	7.24E-15	2.00E-10
MYL6B	9.520093	0.02713794	1	-0.397882	0.62767369	1
MYL9	-0.9190787	0.90231962	1	-1.0404795	0.64032309	1
MYLIP	-0.0997111	0.20352818	1	0.951453	0.04458585	1
MYLK	-8.0151886	0.36779564	1	-7.1813296	0.52259551	1
MYLK2	-8.5981645	0.36779564	1	1.26303441	1	1
MYLK3	0.177148	0.68789913	1	1.46039954	0.8783593	1
MYLK4	-8.0691205	0.36779564	1	-7.8150898	0.1474095	1
MYLPF	0.27443917	1	1	-7.4992843	0.3629285	1

MYMK	0.27443917	1	1	1.26303441	1	1
MYMX	0.27443917	1	1	1.26303441	1	1
MYNN	-0.0034931	0.97923507	1	-0.3562473	0.21285087	1
MYO10	8.60501667	0.2752184	1	0.68424311	0.88397598	1
MYO15A	0.27443917	1	1	1.26303441	1	1
MYO15B	0.60737549	0.92536109	1	0.94496114	0.34606968	1
MYO16	0.16082659	0.16439636	1	0.56289432	0.1193453	1
MYO18A	0.01731814	0.49569057	1	1.1892313	0.02593552	1
MYO18B	-9.0312525	0.19965135	1	1.26303441	1	1
MYO19	0.399428	0.14132679	1	1.0364596	0.03426505	1
MYO1A	0.27443917	1	1	1.26303441	1	1
MYO1B	6.23735948	0.2752184	1	-0.7127539	0.8895985	1
MYO1C	0.04384276	0.90498006	1	1.47447139	0.93879519	1
MYO1D	-0.5153068	0.10936633	1	0.36695716	0.15478227	1
MYO1E	-1.2713735	0.00826488	1	-0.5156605	0.10905223	1
MYO1F	0.385151	0.08840431	1	0.31120087	0.08074312	1
MYO1G	-0.1908634	0.50931904	1	-0.1564275	0.34132209	1
MYO1H	-1.9010361	0.15176588	1	-1.3237156	0.40815876	1
MYO3A	-0.1866633	0.68052236	1	8.99834724	0.12281968	1
MYO3B	0.27443917	1	1	1.26303441	1	1
MYO5A	-0.4402744	0.01457081	1	-0.0700392	0.37877208	1
MYO5B	-1.9621249	0.25400575	1	-1.2007868	0.49338433	1
MYO5C	-7.279943	0.19965135	1	-6.3164039	0.3629285	1
MYO6	-0.1901593	0.87184186	1	0.49630481	0.09040861	1
MYO7A	0.27443917	1	1	1.26303441	1	1
MYO7B	-10.2895	0.19965135	1	1.26303441	1	1
MYO9A	-0.0345036	0.88040205	1	0.45026932	0.11867354	1
MYO9B	-0.7604492	0.03407807	1	-0.0698868	0.7097866	1
MYOC	0.27443917	1	1	1.26303441	1	1
MYOCD	0.27443917	1	1	1.26303441	1	1
MYOF	-0.2016236	0.95783674	1	-0.5869784	0.58717745	1
MYOG	0.27443917	1	1	1.26303441	1	1
MYOM1	3.18264645	0.27886875	1	0.16660676	0.50514347	1
MYOM2	-0.173213	0.90231962	1	9.48605291	0.12281968	1
MYOM3	9.25322018	0.2752184	1	10.2418154	0.12281968	1
MYORG	0.27443917	1	1	-6.4466238	0.52259551	1
MYOT	0.27443917	1	1	-9.0545834	0.26373073	1
MYOZ1	0.27443917	1	1	1.26303441	1	1
MYOZ2	0.27443917	1	1	1.26303441	1	1
MYOZ3	0.27443917	1	1	-6.1183142	0.52259551	1
MYPN	0.27443917	1	1	-6.6421748	0.52259551	1
MYPOP	-0.695415	0.68052236	1	-0.4968958	0.49657976	1
MYRF	9.38963038	0.05637677	1	1.7890682	0.1332849	1

MYRFL	0.27443917	1	1	1.26303441	1	1
MYRIP	-8.6012454	0.19965135	1	1.26303441	1	1
MYSM1	-0.6104824	0.60366582	1	-0.2640099	0.80137776	1
MYT1	0.27443917	1	1	1.26303441	1	1
MYT1L	0.27443917	1	1	1.26303441	1	1
MYZAP	7.91092312	0.2752184	1	-1.0717888	0.8409801	1
MZB1	-7.9885245	0.36779564	1	-6.5761458	0.3629285	1
MZF1	-9.1396068	0.11486391	1	-8.4448441	0.1958879	1
MZT1	-1.3640401	0.10060754	1	-1.5570638	0.03753993	1
MZT2B	-0.7319213	0.45758101	1	-2.7277709	2.29E-07	0.00632606
N4BP1	-0.7943082	0.09080404	1	0.1207763	0.45525261	1
N4BP2	-0.4981444	0.44554985	1	0.40828881	0.54329532	1
N4BP2L1	-0.1192272	0.91146625	1	0.6675611	0.348972	1
N4BP2L2	-0.0840941	0.71505137	1	-0.2492591	0.44731893	1
N4BP3	-1.3426065	0.90231962	1	0.85101397	0.52790957	1
N6AMT1	0.12303995	0.85135027	1	-1.7154991	0.12981126	1
NAA10	0.00253412	0.95529226	1	-1.0770259	0.03643354	1
NAA15	0.1007014	0.48998134	1	0.13057267	0.60233417	1
NAA16	0.1537177	0.2940539	1	0.29456931	0.25513276	1
NAA20	-0.1903164	0.29908217	1	-0.9215376	0.00275442	1
NAA25	-0.8919852	0.09538577	1	0.0593215	0.48248506	1
NAA30	-0.0169894	0.83488645	1	0.03420674	0.82477417	1
NAA35	-0.4586588	0.50750906	1	-0.2940243	0.53289631	1
NAA38	0.29465177	0.76722589	1	-0.8643708	0.04305067	1
NAA40	0.70042328	0.4634873	1	-0.8026474	0.6306617	1
NAA50	-0.0428712	0.80978683	1	-0.3315251	0.08774409	1
NAA60	0.14527958	0.78039346	1	0.55747746	0.24729535	1
NAA80	-7.0886088	0.36779564	1	-6.9998732	0.3629285	1
NAAA	-0.2255231	0.91009542	1	-0.3437903	0.65376597	1
NAALAD2	-0.2112016	0.96853527	1	-1.0940934	0.36757103	1
NAALADL1	-8.1679587	0.19965135	1	-8.2491725	0.26373073	1
NAALADL2	-1.1111568	0.18637107	1	1.78471853	0.31384631	1
NAB1	0.23009815	0.35693288	1	0.18421166	0.68125319	1
NAB2	-1.0393619	0.41759769	1	-2.3691275	0.00891298	1
NABP1	-0.261954	0.49942642	1	0.30530236	0.8293179	1
NABP2	10.3978069	0.00653474	1	-0.0157138	0.84175833	1
NACA	0.36710809	0.89211648	1	-1.9517194	4.20E-16	1.16E-11
NACA2	0.27443917	1	1	1.26303441	1	1
NACAD	-5.3209596	0.36779564	1	1.26303441	1	1
NACC1	-0.5139398	0.52927975	1	0.61280157	0.35664905	1
NACC2	0.79394627	0.0694847	1	0.94997104	0.10406303	1
NADK	-0.0812616	1	1	0.50370203	0.40807526	1
NADK2	-0.2180114	0.40029754	1	0.26037534	0.66299238	1

NADSYN1	0.4546834	0.51110508	1	-0.6290277	0.47191711	1
NAE1	-0.4342009	0.84941346	1	-0.419982	0.40954633	1
NAF1	0.13652722	0.75299145	1	0.95306726	0.06332211	1
NAGA	2.22865403	0.27570799	1	0.71152891	0.45318063	1
NAGK	-0.9419771	0.61807348	1	-1.1655169	0.10174295	1
NAGLU	-9.3246969	0.02458092	1	-8.820607	0.11188911	1
NAGPA	9.41588332	0.05637677	1	-0.6649117	0.73065512	1
NAGS	0.27443917	1	1	-6.2788893	0.52259551	1
NAIF1	0.27443917	1	1	-6.7737678	0.3629285	1
NAIP	9.45634461	0.12052946	1	0.88290905	0.82989806	1
NALCN	0.27443917	1	1	1.26303441	1	1
NAMPT	-0.614028	0.95311352	1	0.0230733	0.43580529	1
NANOG	0.27443917	1	1	1.26303441	1	1
NANOGNB	0.27443917	1	1	1.26303441	1	1
NANOS1	0.27443917	1	1	1.26303441	1	1
NANOS3	-5.3209596	0.36779564	1	1.26303441	1	1
NANP	-9.8278431	0.04066178	1	-9.794478	0.03005553	1
NANS	1.62358412	0.08218703	1	-0.9568843	0.03086879	1
NAP1L1	0.14927335	0.46163836	1	-0.2179541	0.10065863	1
NAP1L2	8.009752	0.2752184	1	-0.0953943	0.88397598	1
NAP1L3	0.27443917	1	1	1.26303441	1	1
NAP1L4	-0.0058549	0.16790366	1	-0.1258145	0.97017344	1
NAP1L5	0.27443917	1	1	-7.6365492	0.3629285	1
NAPA	-0.8467247	0.5130264	1	0.02837408	0.59439729	1
NAPB	1.08720426	0.34607967	1	1.18690725	0.26622928	1
NAPEPLD	-3.0599068	0.02235574	1	-2.0824454	0.22222204	1
NAPG	-0.5793598	0.32523496	1	-0.2345285	0.58720815	1
NAPRT	-6.7566235	0.36779564	1	-8.2040705	0.11188911	1
NARF	0.15203969	0.37012592	1	0.07686258	0.61819987	1
NARS	0.93139565	0.03556391	1	-0.1922002	0.39055812	1
NARS2	-0.5364864	0.69958411	1	0.10516074	0.75309431	1
NASP	0.08576846	0.58755213	1	-1.0388774	0.00493031	1
NAT1	-5.7676125	0.36779564	1	-9.4666921	0.06553217	1
NAT10	-0.4680424	0.72509181	1	-0.4254153	0.33576925	1
NAT14	0.27443917	1	1	1.26303441	1	1
NAT16	0.27443917	1	1	1.26303441	1	1
NAT2	0.27443917	1	1	1.26303441	1	1
NAT8L	0.27443917	1	1	1.26303441	1	1
NAT9	-0.6641276	0.89972832	1	-1.5952885	0.26101779	1
NATD1	1.2129897	0.15974029	1	0.48268745	0.46112067	1
NAV1	0.90399367	0.92602633	1	0.92722712	0.76341668	1
NAV2	-0.8788673	0.80862687	1	1.07832498	0.37235208	1
NAV3	0.27443917	1	1	-5.3653543	0.52259551	1

NAXD	1.39933109	0.02641597	1	0.93829543	0.2145059	1
NAXE	2.21531861	0.15583803	1	-1.1760621	0.13048768	1
NBAS	-0.0756892	0.83454209	1	0.57209742	0.00352402	1
NBDY	0.01869343	0.31435431	1	0.11691309	0.75735686	1
NBEA	0.42839268	0.53520623	1	0.84031526	0.09856762	1
NBEAL1	-0.2595777	0.5210813	1	-0.2848535	0.23740313	1
NBEAL2	-0.2937511	0.95907902	1	-0.4026732	0.4448246	1
NBN	-0.8693904	0.16662466	1	-0.2916783	0.44589839	1
NBPF1	10.0233233	0.05637677	1	1.88332188	0.25857517	1
NBPF11	0.27443917	1	1	1.26303441	1	1
NBPF12	0.27443917	1	1	1.26303441	1	1
NBPF6	0.27443917	1	1	-7.8025872	0.3629285	1
NBPF7	0.27443917	1	1	1.26303441	1	1
NBR1	-0.7432685	0.30845127	1	-0.6222097	0.26741259	1
NCALD	0.15494231	0.17980252	1	0.62911527	0.00040534	1
NCAM1	0.03294637	0.75867476	1	0.63943601	0.26796403	1
NCAM2	7.65175331	0.2752184	1	8.64034855	0.12281968	1
NCAN	0.27443917	1	1	1.26303441	1	1
NCAPD2	0.4730048	0.22368746	1	1.16685584	0.02650528	1
NCAPD3	0.02758052	0.52125907	1	0.08370614	0.83506002	1
NCAPG	2.27545503	0.45132853	1	-1.0901593	0.50449606	1
NCAPG2	-0.3816928	0.75585015	1	0.90043503	0.10530922	1
NCAPH	1.24331527	0.11655765	1	1.52933703	0.02650528	1
NCAPH2	1.67120207	0.0610404	1	0.42515931	0.45689423	1
NCBP1	0.93425227	0.05511925	1	0.37860582	0.48968936	1
NCBP2	-1.9354004	0.02041855	1	-3.1031925	1.73E-08	0.0004784
NCBP2AS2	0.71471688	0.7333403	1	-1.383758	0.08878099	1
NCBP2L	0.27443917	1	1	1.26303441	1	1
NCBP3	-1.0021173	0.39209164	1	-0.9345406	0.17748497	1
NCDN	-0.9898363	0.90231962	1	-0.1356038	0.88397598	1
NCEH1	-1.4404878	0.14728833	1	-1.3473134	0.05270143	1
NCF1	-1.3998833	0.0433687	1	-1.038637	0.10596644	1
NCF2	-1.3294417	0.22194597	1	-1.8309488	0.01586164	1
NCF4	-1.1220311	0.16926628	1	-1.2965596	0.04193901	1
NCK1	-0.0820727	0.71770913	1	0.01399286	0.52601237	1
NCK2	-0.0316084	0.69627669	1	1.0212942	0.00042646	1
NCKAP1	2.76223765	0.22904601	1	0.73520709	0.26938028	1
NCKAP1L	0.30482427	0.17487966	1	0.52302322	0.07086935	1
NCKAP5	0.27443917	1	1	1.26303441	1	1
NCKAP5L	0.21609944	0.67606376	1	1.06050254	0.21346924	1
NCKIPSD	-1.1238625	0.90231962	1	-0.8568122	0.64428388	1
NCL	-0.0386391	0.95080234	1	-0.5972143	0.0070788	1
NCLN	-0.9114887	0.46627658	1	0.13039377	0.60509657	1

NCMAP	0.27443917	1	1	1.26303441	1	1
NCOA1	-0.0453961	0.62376578	1	0.17048432	0.53176468	1
NCOA2	-0.0852329	0.78602233	1	0.44572634	0.0015709	1
NCOA3	-0.2878151	0.04727696	1	0.30386745	0.22034007	1
NCOA4	-0.2480868	0.42317425	1	-0.4668582	0.05785067	1
NCOA5	0.28711465	0.45661666	1	0.67939925	0.22531403	1
NCOA6	-0.5402653	0.23554581	1	-0.3503826	0.6634277	1
NCOA7	-0.0435949	0.33953693	1	0.18245787	0.04131005	1
NCOR1	-0.3464525	0.06243067	1	-0.0935374	0.88539002	1
NCOR2	0.12972013	0.29462515	1	0.792073	0.00417826	1
NCR1	-0.7499937	0.5393955	1	-1.2228008	0.10519919	1
NCR3	2.66052901	0.45132853	1	-2.35128	0.03896936	1
NCR3LG1	7.36256092	0.2752184	1	8.35115616	0.12281968	1
NCS1	0.27443917	1	1	1.26303441	1	1
NCSTN	0.22671074	0.48100806	1	0.48945716	0.61388961	1
NDC1	0.13564013	0.39407983	1	0.79399827	0.08216656	1
NDC80	-2.7629364	0.25076778	1	-2.4060027	0.16875666	1
NDE1	-0.2043315	0.65655026	1	0.77544952	0.08479798	1
NDEL1	0.70410688	0.07084348	1	0.18427397	0.53400612	1
NDFIP1	-0.2308191	0.65486028	1	-0.4433894	0.14790617	1
NDFIP2	-0.7744432	0.4699655	1	-0.6780208	0.35029122	1
NDN	0.27443917	1	1	1.26303441	1	1
NDNF	0.27443917	1	1	-8.0401984	0.3629285	1
NDOR1	10.0212017	0.02713794	1	0.26382202	0.90338317	1
NDP	0.27443917	1	1	1.26303441	1	1
NDRG1	0.77348334	0.16185581	1	1.17116468	0.03471797	1
NDRG2	0.27445746	0.68789913	1	0.6788664	0.85548905	1
NDRG3	-0.744705	0.31625543	1	-0.6671903	0.19847779	1
NDRG4	0.27443917	1	1	-6.475022	0.52259551	1
NDST1	0.59685539	0.77251117	1	3.01875853	0.0128356	1
NDST2	-0.5230366	0.77429394	1	-0.0991046	0.85514315	1
NDST3	0.27443917	1	1	1.26303441	1	1
NDUFA1	-1.660379	0.00204193	1	-2.6802466	6.63E-09	0.00018296
NDUFA10	0.14904351	0.75979664	1	-0.1343761	0.20619831	1
NDUFA11	0.45316033	0.36051	1	-2.4447971	5.78E-08	0.00159444
NDUFA12	-0.3016676	0.83590291	1	-1.9892105	0.00015003	1
NDUFA13	-2.0776785	0.00988459	1	-3.1688058	8.00E-09	0.00022082
NDUFA2	-0.4596059	0.23389826	1	-2.0565818	1.92E-06	0.05295434
NDUFA3	-1.5983026	0.09565503	1	-2.7438351	0.00015781	1
NDUFA4	-0.071031	0.94707118	1	-2.3703086	3.33E-10	9.20E-06
NDUFA4L2	8.29309104	0.2752184	1	9.28168627	0.12281968	1
NDUFA5	0.72759447	0.04832686	1	-0.3233165	0.3049503	1
NDUFA6	-0.358815	0.343555	1	-1.0103821	0.01839522	1

NDUFA7	-0.7758587	0.28242508	1	-2.4043755	5.54E-05	1	
NDUFA8	1.72706084	0.93129658	1	-1.9904464	0.00136873	1	
NDUFA9	-0.7730635	0.53551189	1	-0.7879981	0.4137728	1	
NDUFAB1	-0.0900027	0.79956028	1	-1.5457635	0.00056508	1	
NDUFAF1	0.630789	0.3466669	1	-0.1091545	0.95158255	1	
NDUFAF2	0.19569937	0.46265342	1	-0.2538108	0.69935921	1	
NDUFAF3	4.16751046	0.22569004	1	-1.8448036	0.00619824	1	
NDUFAF4	0.04654135	0.70196718	1	-1.3962101	0.00438112	1	
NDUFAF5	-0.8390452	0.55152726	1	-1.0909955	0.39056594	1	
NDUFAF6	0.2939662	0.74118136	1	0.52735615	0.69189176	1	
NDUFAF7	0.54645209	0.10836224	1	0.50420235	0.08731359	1	
NDUFAF8	1.36210887	0.08548821	1	-0.6691529	0.05754413	1	
NDUFB1	-0.3022513	0.77868618	1	-2.5496163	6.81E-06	0.18800576	
NDUFB10	0.07048063	1	1	-1.8758808	3.30E-05	0.90982877	
NDUFB11	-0.1418284	0.66429651	1	-2.1581908	4.57E-05	1	
NDUFB2	-0.8380137	0.78457756	1	-1.9280274	3.31E-07	0.00912255	
NDUFB3	-2.0524673	0.67317602	1	-2.9290173	0.10285823	1	
NDUFB4	0.20078919	0.87139165	1	-2.0276301	3.13E-05	0.86244115	
NDUFB5	0.40968509	0.68227529	1	-1.8076998	0.00066074	1	
NDUFB6	-0.3131191	0.71481975	1	-2.3582269	2.74E-06	0.07557093	
NDUFB7	-0.3865311	0.55359593	1	-3.0409019	3.65E-07	0.01006677	
NDUFB8	-0.9186783	0.30870769	1	-2.0783149	0.00016077	1	
NDUFB9	0.68357965	0.24408951	1	-1.8370099	1.64E-05	0.45180499	
NDUFC1	-0.8885904	0.131468	1	-2.4047929	3.89E-06	0.10741126	
NDUFC2	-0.885583	0.28472628	1	-2.8400366	3.58E-07	0.00987502	
NDUFS1	-0.5127648	0.25204028	1	-0.2362788	0.20783761	1	
NDUFS2	-0.8924665	0.49224596	1	-1.7237561	0.00094446	1	
NDUFS3	-0.6008944	0.93078916	1	-1.2434446	0.00468922	1	
NDUFS4	-0.58257	0.53751623	1	-0.4257796	0.0894063	1	
NDUFS5	0.27443917	1	1	1.26303441	1	1	
NDUFS6	0.2936689	0.63163388	1	-1.4992129	0.00064805	1	
NDUFS7	-1.3966587	0.30137038	1	-2.1633997	0.00139455	1	
NDUFS8	-0.633747	0.25217477	1	-1.9998934	2.65E-05	0.73165587	
NDUFV1	-0.5970037	0.99148393	1	-1.5166572	0.07148126	1	
NDUFV2	0.99855882	0.30596709	1	0.26609889	0.8258502	1	
NDUFV3	0.42469486	0.10521845	1	-0.1129642	0.34190963	1	
NEB	-1.4438401	0.8146861	1	-1.2859175	0.77033568	1	
NEBL	8.05743846	0.2752184	1	-1.5553696	0.64428388	1	
NECAB1	0.27443917	1	1	-6.5402603	0.52259551	1	
NECAB2	0.27443917	1	1	1.26303441	1	1	
NECAB3	-9.2487148	0.19965135	1	1.26303441	1	1	
NECAP1	0.25799806	0.38357735	1	0.37574232	0.19899278	1	
NECAP2	-0.784628	0.32600336	1	-0.9598736	0.02576636	1	

NECTIN1	1.44192015	0.89260809	1	2.27646945	0.8783593	1
NECTIN2	-1.8666749	0.67317602	1	-1.6874621	0.28905906	1
NECTIN3	-1.046135	0.68052236	1	0.10505218	0.38465738	1
NECTIN4	0.27443917	1	1	-3.7413079	0.52259551	1
NEDD1	1.19441112	0.25573702	1	0.69453902	0.71949955	1
NEDD4	1.41625475	0.02910175	1	0.91284349	0.12225543	1
NEDD4L	0.62344045	0.04637923	1	0.52349556	0.04874721	1
NEDD8	-0.903052	0.35381566	1	-2.5383054	9.32E-08	0.0025712
NEDD9	-0.3859214	0.07936572	1	0.05275913	0.79971435	1
NEFH	0.27443917	1	1	1.26303441	1	1
NEGR1	1.14229865	0.0490818	1	3.73840898	0.01062705	1
NEIL1	0.60324589	0.0783902	1	0.28810929	0.68677767	1
NEIL2	-1.8953001	0.37418384	1	-1.2711745	0.20404107	1
NEIL3	0.27443917	1	1	1.26303441	1	1
NEK1	0.15027711	0.42140579	1	0.24357512	0.28570442	1
NEK10	-0.2492527	0.62657278	1	0.22741364	0.9393141	1
NEK11	-0.5768627	0.25136449	1	-0.0516586	0.95888601	1
NEK2	0.27443917	1	1	1.26303441	1	1
NEK3	-2.9667653	0.15285381	1	-3.2300253	0.02885594	1
NEK4	-0.7962475	0.6806367	1	-0.6344125	0.76668366	1
NEK5	-8.3232364	0.36779564	1	1.26303441	1	1
NEK6	-0.4447144	0.81885601	1	-0.3291701	0.19733837	1
NEK7	-0.4439764	0.10665059	1	0.09615077	0.84326381	1
NEK8	-0.1686944	0.82464385	1	-1.3104422	0.71714431	1
NEK9	-0.4443775	0.78680141	1	-0.4030843	0.79803664	1
NELFA	0.41473664	0.37476401	1	-0.1063201	0.74000549	1
NELFB	0.15561715	0.50401532	1	0.11727227	0.96963768	1
NELFCD	-0.6463531	0.82943531	1	-0.3151157	0.98726784	1
NELFE	-1.0432919	0.37418384	1	-2.6745725	0.0026844	1
NELL1	-1.0751318	0.90231962	1	9.1091207	0.12281968	1
NELL2	0.27443917	1	1	-4.879732	0.52259551	1
NEMF	-0.505864	0.29921743	1	-0.4969502	0.05406094	1
NEMP1	1.43926346	0.06111316	1	0.51310662	0.59115271	1
NEMP2	0.81892193	0.09844455	1	0.84017501	0.22125609	1
NENF	3.49793701	0.22569004	1	-1.1273535	0.22870183	1
NEO1	-7.5569148	0.36779564	1	-7.1813296	0.52259551	1
NEPRO	-0.7001817	0.76033481	1	-0.4149841	1	1
NET1	-0.4163869	0.37775956	1	-1.1598264	0.04221547	1
NETO1	0.27443917	1	1	1.26303441	1	1
NETO2	8.58708582	0.12052946	1	-1.9825245	0.31368048	1
NEU1	-0.8908302	0.82464385	1	-0.8866159	0.34065998	1
NEU3	-0.4998428	0.86503869	1	-1.4602377	0.62185003	1
NEURL1	0.27443917	1	1	-9.0485843	0.1958879	1

NEURL1B	-6.7100151	0.36779564	1	1.26303441	1	1
NEURL2	0.17924129	0.90231962	1	0.18837478	0.88397598	1
NEURL3	0.27443917	1	1	1.26303441	1	1
NEURL4	-0.0820363	0.52964575	1	-0.6970113	0.74260822	1
NEXMIF	2.6145632	0.45132853	1	11.3618061	0.02855238	1
NEXN	-1.3699605	0.06638053	1	-1.0850948	0.26260971	1
NF1	-0.4757406	0.04945056	1	-0.1241599	0.30755311	1
NF2	0.26274798	0.17914267	1	0.76299267	0.00846238	1
NFAM1	-7.4791578	0.19965135	1	-7.9507121	0.1958879	1
NFASC	6.23735948	0.2752184	1	7.22595472	0.12281968	1
NFAT5	-0.4233578	0.04684541	1	0.35548162	0.08322953	1
NFATC1	0.58052382	0.22849592	1	1.69456154	1.71E-05	0.47179664
NFATC2	0.14971515	0.40127507	1	0.00025305	0.81616808	1
NFATC2IP	-0.5399452	1	1	-0.9944134	0.23241313	1
NFATC3	0.24369393	0.19372203	1	0.42197601	0.03421085	1
NFATC4	0.27443917	1	1	1.26303441	1	1
NFE2	0.27443917	1	1	-4.2111359	0.52259551	1
NFE2L1	0.07221249	0.80660289	1	-0.4322199	0.40098914	1
NFE2L2	0.59818795	0.1008732	1	0.47580061	0.07308453	1
NFE2L3	-0.0133601	0.94496616	1	0.25218454	0.66406516	1
NFIA	-1.1419778	0.13523265	1	-0.2622727	0.42789861	1
NFIB	-10.476208	0.06784723	1	-7.8946294	0.52259551	1
NFIC	-0.2064236	0.8539439	1	-0.5108038	0.16923402	1
NFIL3	-0.8019788	0.38763775	1	-0.8070095	0.25251022	1
NFIX	0.29205161	0.4226224	1	2.28247225	0.8783593	1
NFKB1	-0.1061168	0.8004713	1	0.66065869	0.00090991	1
NFKB2	-8.3105046	0.36779564	1	1.26303441	1	1
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NFKBID	3.27468288	0.22569004	1	0.62698862	0.7579251	1
NFKBIE	1.03344822	0.19421393	1	1.60305202	0.53780545	1
NFKBIL1	-9.5921502	0.06784723	1	-10.152464	0.06553217	1
NFKBIZ	-0.3632829	0.29632375	1	-0.0325209	0.65485419	1
NFRKB	-0.4589609	0.52962372	1	-1.035083	0.05583525	1
NFS1	-0.5108896	0.79199616	1	0.14906151	0.47507008	1
NFU1	-0.0280616	0.37783922	1	-0.4819069	0.54030122	1
NFX1	-0.3990594	0.32679368	1	-0.0798421	0.96212958	1
NFXL1	0.60331778	0.49513589	1	0.91166261	0.35141611	1
NFYA	0.53422517	0.47851591	1	-0.1646508	0.81271197	1
NFYB	1.36474146	0.22823438	1	-0.2743599	0.1774303	1
NFYC	-0.2406554	0.34049063	1	0.20627702	0.51474249	1
NGDN	0.78729123	0.21369652	1	-0.8510631	0.32366629	1
NGEF	-7.4451245	0.36779564	1	1.26303441	1	1

NGF	0.27443917	1	1	1.26303441	1	1
NGFR	0.27443917	1	1	1.26303441	1	1
NGLY1	0.14195174	0.43683516	1	0.23019854	0.55734515	1
NGRN	0.28517248	0.99492946	1	-1.2096988	0.03827064	1
NHEJ1	1.57744465	0.02389262	1	0.85180892	0.10204703	1
NHLH1	0.27443917	1	1	1.26303441	1	1
NHLRC1	0.27443917	1	1	1.26303441	1	1
NHLRC2	-0.0807145	0.90995355	1	-1.0206405	0.1127005	1
NHLRC3	0.38111156	0.5097079	1	0.24964125	0.79062421	1
NHP2	-0.0792246	0.69386322	1	-1.3888199	0.00179068	1
NHS	0.27443917	1	1	1.26303441	1	1
NHSL1	2.54310635	0.29915671	1	0.44346357	0.91371909	1
NHSL2	-3.5786573	0.41260835	1	0.23824834	0.52790957	1
NICN1	0.25911609	0.4634873	1	-1.1027904	0.7770574	1
NID1	3.50254535	0.45132853	1	0.65601159	0.97009268	1
NID2	-0.0037768	0.52174859	1	2.10108793	0.13044933	1
NIF3L1	-1.171804	0.2628979	1	-0.6898861	0.32696542	1
NIFK	-0.7237454	0.86869787	1	-0.8758941	0.16255367	1
NIM1K	0.27443917	1	1	-5.5119993	0.52259551	1
NIN	0.35021982	0.04237223	1	0.75421884	0.00259754	1
NINJ1	0.2836303	0.89205022	1	-0.4036058	0.08177234	1
NINJ2	0.04405645	0.7523418	1	0.11344372	0.62121576	1
NINL	1.01586139	0.34346482	1	0.91769816	0.36134733	1
NIP7	-0.2432211	0.24880431	1	-1.1106313	0.04165908	1
NIPA1	0.57998737	0.36141503	1	0.00548444	0.85391723	1
NIPA2	0.30442556	0.49173915	1	-0.0190255	0.79835259	1
NIPAL1	0.25847738	0.71032624	1	0.18911175	0.38200346	1
NIPAL2	-8.3447811	0.19965135	1	-6.9070229	0.52259551	1
NIPAL3	-1.2918946	0.16652876	1	-1.3902625	0.02561702	1
NIPAL4	0.27443917	1	1	1.26303441	1	1
NIPBL	-0.4361008	0.0311622	1	0.21800781	0.04724856	1
NIPSNAP1	-9.2145449	0.11486391	1	-9.1506917	0.06553217	1
NIPSNAP2	-1.456017	0.02858082	1	-0.9093601	0.04363403	1
NIPSNAP3B	-9.2878492	0.19965135	1	-8.982238	0.11188911	1
NISCH	-0.366099	0.46265342	1	-0.1988956	0.90393033	1
NIT1	-0.945496	0.41759769	1	-1.2495827	0.1075019	1
NIT2	-1.5727322	0.41260835	1	-3.5780278	0.00141362	1
NKAIN1	0.27443917	1	1	-7.7034535	0.3629285	1
NKAIN2	-8.0691205	0.36779564	1	-6.1855899	0.52259551	1
NKAIN3	8.12052546	0.2752184	1	9.1091207	0.12281968	1
NKAIN4	0.27443917	1	1	1.26303441	1	1
NKAP	-0.1372083	0.54437458	1	-1.2370672	0.02535649	1
NKAPD1	-0.5410723	0.77233406	1	-0.7461485	0.33116108	1

NKAPL	0.27443917	1	1	1.26303441	1	1
NKD1	1.00168105	0.05014762	1	1.39292277	0.02240507	1
NKD2	-0.1805855	0.89972832	1	2.3087166	0.13044933	1
NKG2D	0.21227149	0.38766165	1	-0.0895033	0.86800833	1
NKG7	-3.3283853	5.05E-05	1	-4.7670009	6.45E-09	0.00017801
NKIRAS1	-1.0820171	0.16123409	1	-1.6262462	0.1075019	1
NKIRAS2	-2.4642409	0.15285381	1	-1.9062033	0.22537795	1
NKPD1	-2.5785765	0.25076778	1	-2.0506047	0.22379602	1
NKRF	0.19966555	0.98389537	1	0.26122079	0.45677986	1
NKTR	-0.3052561	0.38207961	1	0.75490038	0.01191587	1
NKX1-2	0.27443917	1	1	1.26303441	1	1
NKX2-1	0.27443917	1	1	1.26303441	1	1
NKX2-8	0.27443917	1	1	1.26303441	1	1
NKX3-1	0.27443917	1	1	-6.5913026	0.52259551	1
NKX6-2	0.27443917	1	1	1.26303441	1	1
NKX6-3	0.27443917	1	1	1.26303441	1	1
NLE1	-7.9885245	0.36779564	1	-8.6840018	0.1474095	1
NLGN1	0.27443917	1	1	1.26303441	1	1
NLGN2	0.27443917	1	1	1.26303441	1	1
NLGN3	-1.7850081	0.15700157	1	-2.4615042	0.22222204	1
NLGN4X	8.47283533	0.2752184	1	9.46143056	0.12281968	1
NLGN4Y	0.27443917	1	1	1.26303441	1	1
NLK	0.05512915	0.87711664	1	0.95968398	0.00061139	1
NLN	-0.0780959	0.94460136	1	1.32058452	0.00784156	1
NLRC3	1.36644591	1.45E-05	0.40108462	0.46860139	0.0169695	1
NLRC4	0.78308303	0.85135027	1	-0.1280643	0.52225797	1
NLRC5	-0.1512454	0.69926717	1	0.40699729	0.04191931	1
NLRP1	1.81805647	0.31685518	1	3.37865054	0.07710217	1
NLRP11	-8.4020936	0.36779564	1	1.26303441	1	1
NLRP12	0.27443917	1	1	-7.0606364	0.52259551	1
NLRP13	0.27443917	1	1	1.26303441	1	1
NLRP14	7.91092312	0.2752184	1	8.89951836	0.12281968	1
NLRP2	-6.0587014	0.36779564	1	-7.8453375	0.26373073	1
NLRP3	1.22159705	0.83770648	1	0.3829385	0.6070784	1
NLRP4	0.27443917	1	1	1.26303441	1	1
NLRP5	0.27443917	1	1	1.26303441	1	1
NLRP6	0.27443917	1	1	1.26303441	1	1
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NLRP8	0.27443917	1	1	1.26303441	1	1
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NMB	-1.329331	0.68052236	1	-1.5729089	0.64032309	1
NMD3	0.16715125	0.91000345	1	-0.4080127	0.1044765	1

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NME2	0.12167563	0.48377159	1	-1.8670701	2.06E-15	5.68E-11
NME3	-1.0085429	0.05477917	1	-1.8597808	1.38E-08	0.00038056
NME4	0.62376484	0.91549579	1	-1.710632	0.00497713	1
NME5	-5.7150445	0.36779564	1	1.26303441	1	1
NME6	-1.1312819	0.31044139	1	-2.3473975	0.00058434	1
NME7	0.632257	0.93811262	1	0.85566358	0.42464978	1
NME8	0.27443917	1	1	-4.2369282	0.52259551	1
NME9	0.15622452	0.85135027	1	1.54225384	0.59936951	1
NMI	-2.1875164	0.02646477	1	-2.0192002	0.00665943	1
NMNAT1	-0.2942277	0.96251788	1	0.42250479	0.45318063	1
NMNAT2	0.27443917	1	1	1.26303441	1	1
NMNAT3	1.9819805	0.01892515	1	0.20550208	0.6969372	1
NMRAL1	0.20449526	0.5393955	1	-0.8043718	0.2860967	1
NMRK1	1.80057348	0.12000471	1	-0.30662	0.70053502	1
NMRK2	0.27443917	1	1	1.26303441	1	1
NMS	-9.7517217	0.19965135	1	1.26303441	1	1
NMT1	-0.1751443	0.57589559	1	-0.3347708	0.33678749	1
NMT2	-0.2166114	0.81307885	1	0.73826472	0.21138561	1
NMU	0.27443917	1	1	1.26303441	1	1
NMUR1	0.27443917	1	1	1.26303441	1	1
NMUR2	0.27443917	1	1	1.26303441	1	1
NNAT	0.27443917	1	1	-8.3977893	0.26373073	1
NNMT	-7.4451245	0.36779564	1	-6.1889573	0.52259551	1
NNT	-0.3598783	0.61376697	1	-0.0249714	0.97855957	1
NOA1	-0.4384611	0.57310889	1	0.14310179	0.90582812	1
NOB1	0.43511692	0.13551498	1	-0.0407802	0.97649648	1
NOBOX	0.27443917	1	1	1.26303441	1	1
NOC2L	0.49370401	0.82018663	1	-0.4576787	0.16315556	1
NOC3L	1.15443525	0.0972469	1	-0.0327079	0.91098221	1
NOC4L	2.1850004	0.0588633	1	0.74335936	0.28509364	1
NOCT	-1.3690728	0.2572727	1	-1.4968297	0.37197527	1
NOD1	0.08666491	0.96067483	1	1.66290826	0.18178616	1
NOD2	-2.7361398	0.25400575	1	-1.8401624	0.49338433	1
NODAL	0.27443917	1	1	1.26303441	1	1
NOL10	-1.0708385	0.07335002	1	0.25944006	0.68858422	1
NOL11	-1.656943	0.02468134	1	-1.1173296	0.05883126	1
NOL12	-4.3728165	0.09337636	1	-3.4317783	0.03667268	1
NOL3	0.27443917	1	1	1.26303441	1	1
NOL4	0.27443917	1	1	1.26303441	1	1
NOL4L	0.2084426	0.41931407	1	0.58785966	0.01169373	1
NOL6	8.67244269	0.05637677	1	-1.4018359	0.86121563	1
NOL7	0.22186032	0.33007073	1	-0.5763692	0.06383568	1

NOL8	-0.1502341	0.76418358	1	-0.7761944	0.06590762	1	
NOL9	0.6532851	0.24891854	1	1.53728189	0.01888195	1	
NOLC1	-0.8180336	0.38493554	1	-0.4358141	0.88381793	1	
NOM1	-0.5637497	0.82943531	1	-0.7315972	0.27380438	1	
NONO	-0.4577962	0.95098494	1	-0.044569	0.43767898	1	
NOP10	-0.5732361	0.62874107	1	-2.21548	8.65E-09	0.00023874	
NOP14	0.51928007	0.15454183	1	0.256786	0.42205648	1	
NOP16	0.11931718	0.68789913	1	-2.0083304	0.37197527	1	
NOP2	-1.8305323	0.24117187	1	-0.9178636	0.80181648	1	
NOP53	0.61433597	0.05571535	1	-0.9480762	0.00124837	1	
NOP56	-0.3799369	0.67946845	1	-0.0088761	0.8198776	1	
NOP58	0.45693969	0.08502697	1	0.45377252	0.12171806	1	
NOP9	-1.2748448	0.37418384	1	-1.6520049	0.12744245	1	
NOS1	8.43298848	0.2752184	1	9.42158371	0.12281968	1	
NOS1AP	0.2839386	0.67495154	1	0.36185319	0.32284637	1	
NOS2	9.04378267	0.2752184	1	10.0323779	0.12281968	1	
NOS3	2.28883364	0.89260809	1	0.77745241	0.85548905	1	
NOSIP	-1.0888365	0.44046599	1	-1.6953376	0.0128475	1	
NOSTRIN	0.49065769	0.36203404	1	-0.4149113	0.75387203	1	
NOTCH1	0.06812156	0.36241982	1	0.69928009	0.06410519	1	
NOTCH2	-0.7339324	0.01096727	1	-0.0094558	0.97305452	1	
NOTCH3	0.27443917	1	1	-3.4307288	0.52259551	1	
NOTCH4	-1.7340297	0.90231962	1	7.79128045	0.12281968	1	
NOTO	0.27443917	1	1	1.26303441	1	1	
NOTUM	0.27443917	1	1	1.26303441	1	1	
NOVA1	-7.4529774	0.36779564	1	-6.6867618	0.52259551	1	
NOVA2	0.27443917	1	1	1.26303441	1	1	
NOX1	7.3674047	0.2752184	1	-0.7976912	0.88397598	1	
NOX3	0.27443917	1	1	1.26303441	1	1	
NOX4	-6.0587014	0.36779564	1	1.26303441	1	1	
NOX5	0.27443917	1	1	1.26303441	1	1	
NOXA1	0.79550834	0.09383838	1	0.11964013	0.27894171	1	
NOXO1	0.27443917	1	1	1.26303441	1	1	
NOXRED1	0.7898121	0.52003827	1	1.897662	0.10390334	1	
NPAS1	-8.8395565	0.36779564	1	-8.2850856	0.3629285	1	
NPAS2	1.52601144	0.21042709	1	0.42534959	0.73316818	1	
NPAS3	0.17002482	0.90231962	1	1.74240794	0.52223338	1	
NPB	0.27443917	1	1	1.26303441	1	1	
NPBWR1	0.27443917	1	1	1.26303441	1	1	
NPC1	-0.2132788	0.93632671	1	0.03940336	0.79214694	1	
NPC1L1	0.27443917	1	1	1.26303441	1	1	
NPC2	-0.1296666	0.64101099	1	-2.5476817	9.50E-08	0.00262255	
NPDC1	0.27443917	1	1	-6.7232104	0.3629285	1	

NPEPPS	-0.3921219	0.4970538	1	-0.0936045	0.95356659	1
NPFF	-0.0189232	0.55059839	1	0.55273365	0.61176051	1
NPFFR1	0.27443917	1	1	1.26303441	1	1
NPFFR2	8.58621661	0.2752184	1	9.57481184	0.12281968	1
NPHP1	0.847696	0.4634873	1	0.35565944	0.97009268	1
NPHP3	1.38292571	0.22121116	1	0.88369738	0.26875949	1
NPHP4	0.04517939	0.39327591	1	1.33519388	0.08369631	1
NPHS1	-1.0634452	0.90231962	1	8.39675328	0.12281968	1
NPHS2	0.27443917	1	1	1.26303441	1	1
NPL	0.04025784	0.94764169	1	0.40536933	0.56065483	1
NPLOC4	0.01153959	0.7808402	1	0.2195427	0.47491538	1
NPM1	0.47356013	0.12729777	1	-0.6351896	0.01212747	1
NPM2	0.27443917	1	1	1.26303441	1	1
NPM3	-1.0875798	0.77037564	1	-2.145644	0.00165319	1
NPNT	0.27443917	1	1	1.26303441	1	1
NPPA	0.27443917	1	1	1.26303441	1	1
NPR1	0.27443917	1	1	1.26303441	1	1
NPR2	0.27443917	1	1	-7.0423795	0.52259551	1
NPR3	0.27443917	1	1	1.26303441	1	1
NPRL2	0.54478472	0.17889791	1	-0.2209561	0.88206892	1
NPRL3	-1.8563213	0.03929475	1	-0.691644	0.48659986	1
NPSR1	0.27443917	1	1	1.26303441	1	1
NPTN	-0.2435739	0.82505845	1	-0.1618335	0.99772368	1
NPTX2	0.27443917	1	1	-7.0180959	0.52259551	1
NPTXR	0.27443917	1	1	-8.7077517	0.1958879	1
NPW	0.27443917	1	1	1.26303441	1	1
NPY1R	0.27443917	1	1	1.26303441	1	1
NQO1	8.47620646	0.2752184	1	2.99687518	0.52223338	1
NQO2	0.08879798	0.97188389	1	-0.8831125	0.41288151	1
NR1D1	8.16905582	0.2752184	1	-0.8563063	0.49657976	1
NR1D2	0.07941856	0.32171063	1	0.46502147	0.08914567	1
NR1H2	-1.6207787	0.08409318	1	-1.6722254	0.00787068	1
NR1H3	0.68674086	0.34086262	1	-0.2614808	0.30863682	1
NR1H4	0.27443917	1	1	1.26303441	1	1
NR1I2	0.27443917	1	1	1.26303441	1	1
NR1I3	7.29218615	0.2752184	1	8.28078139	0.12281968	1
NR2C1	0.16925668	0.25853428	1	1.00810498	0.0535423	1
NR2C2	0.51075075	0.03039123	1	0.70533228	0.00101286	1
NR2C2AP	0.27443917	1	1	-9.1569627	0.08544191	1
NR2E1	0.27443917	1	1	1.26303441	1	1
NR2E3	-5.7150445	0.36779564	1	1.26303441	1	1
NR2F1	0.27443917	1	1	1.26303441	1	1
NR2F2	-7.8095365	0.36779564	1	-8.5122254	0.3629285	1

NR2F6	-0.4391729	0.26056869	1	-0.242969	0.17871933	1	
NR3C1	-0.1403798	0.94490231	1	0.57249584	0.01573419	1	
NR3C2	-0.87917	0.17544163	1	-0.0334348	0.76449219	1	
NR4A1	-0.1763996	0.76418368	1	0.57428882	0.1974687	1	
NR4A2	0.12262438	0.21055144	1	0.1898487	0.43041115	1	
NR4A3	-1.6352104	0.05963233	1	-0.8744274	0.3981812	1	
NR5A2	0.27443917	1	1	1.26303441	1	1	
NR6A1	-1.1221501	0.24880431	1	-0.2495929	0.27006931	1	
NRAP	0.27443917	1	1	1.26303441	1	1	
NRARP	-8.0178825	0.36779564	1	-8.4369292	0.1958879	1	
NRAS	0.75381605	0.1685364	1	-0.3868937	0.35237413	1	
NRBF2	-0.9628733	0.33663704	1	-0.8530071	0.18802134	1	
NRBP1	-0.4710546	0.74115228	1	-0.5944902	0.35385922	1	
NRBP2	0.27443917	1	1	1.26303441	1	1	
NRCAM	8.19481896	0.2752184	1	-0.1743234	0.85064705	1	
NRDC	-0.3618795	0.38262722	1	0.35532845	0.24681932	1	
NRDE2	-0.3213646	0.66139238	1	-1.2525277	0.04292428	1	
NREP	-7.7613572	0.19965135	1	-9.0766857	0.11188911	1	
NRF1	0.29399706	0.06884549	1	0.24176494	0.07633639	1	
NRG1	-0.3622914	0.90231962	1	1.9044255	0.52223338	1	
NRG2	-1.2951065	0.31744764	1	0.0546564	0.79879677	1	
NRG3	1.64918207	0.89260809	1	-0.7449686	0.84581067	1	
NRG4	-8.6648039	0.19965135	1	-8.6268419	0.1958879	1	
NRGN	-7.4703458	0.36779564	1	1.26303441	1	1	
NRIP1	-0.3736262	0.13445946	1	0.15982979	0.9619239	1	
NRIP2	-9.6649394	0.19965135	1	-6.0209494	0.52259551	1	
NRIP3	0.27443917	1	1	1.26303441	1	1	
NRK	0.27443917	1	1	1.26303441	1	1	
NRL	-0.8830843	0.64547316	1	-0.1134241	0.88787827	1	
NRM	-0.4750377	0.90231962	1	-0.5093974	0.84581067	1	
NRN1	0.27443917	1	1	1.26303441	1	1	
NRN1L	0.54328033	0.23586417	1	0.3622766	0.13616793	1	
NRP1	-1.4946566	0.2572727	1	-1.3782235	0.29307123	1	
NRP2	-0.1009837	0.48820674	1	-1.6812366	0.012941	1	
NRROS	1.25135225	0.01358522	1	0.34093903	0.45713767	1	
NRSN1	0.27443917	1	1	1.26303441	1	1	
NRSN2	0.27443917	1	1	1.26303441	1	1	
NRTN	6.97043224	0.2752184	1	0.23312446	0.52790957	1	
NRXN1	-7.0040063	0.36779564	1	-6.1297678	0.52259551	1	
NRXN2	0.27443917	1	1	1.26303441	1	1	
NRXN3	2.39511647	0.49174922	1	2.63909031	0.0451437	1	
NSA2	0.2281008	0.23716327	1	-1.8052511	2.62E-06	0.07224371	
NSD1	-0.3402929	0.26843361	1	0.01522943	0.98566092	1	

NSD2	-0.8501479	0.02935147	1	0.08722472	0.8576653	1
NSD3	-0.1928157	0.25263296	1	0.04096053	0.72178008	1
NSDHL	1.51827093	0.02457834	1	1.17732357	0.09705653	1
NSF	-0.13005	0.68159071	1	0.17777307	0.47590056	1
NSFL1C	0.6619936	0.33278337	1	-0.121574	0.65166248	1
NSG1	-2.0480421	0.67317602	1	-1.7109491	0.28905906	1
NSG2	0.27443917	1	1	1.26303441	1	1
NSL1	-2.2461952	0.25076778	1	-2.7509158	0.01417538	1
NSMAF	-0.0514356	0.88379756	1	0.28566917	0.2285507	1
NSMCE1	0.54364583	0.00785455	1	0.83813685	0.00833886	1
NSMCE2	0.07041799	0.58253596	1	0.54136306	0.12418898	1
NSMCE3	-0.7710894	0.72704195	1	-2.6390254	0.00209243	1
NSMCE4A	0.45889932	0.52473907	1	-0.866532	0.56310345	1
NSMF	-1.3426956	0.23227201	1	-0.4774501	0.85514315	1
NSRP1	-0.634899	0.24404076	1	-0.5962635	0.06573045	1
NSUN2	0.63599255	0.31715044	1	0.59533544	0.10934887	1
NSUN3	0.02234412	0.83355923	1	0.13184892	0.36548349	1
NSUN4	-0.7817104	0.53587411	1	-0.2674957	0.93198776	1
NSUN5	-1.1740845	0.36709546	1	-1.3031249	0.13383507	1
NSUN6	1.46743247	0.33254563	1	-0.4537349	0.69938594	1
NSUN7	0.27443917	1	1	-8.2677907	0.26373073	1
NT5C	-1.4390013	0.23227201	1	-2.5060706	0.00109307	1
NT5C1A	0.27443917	1	1	1.26303441	1	1
NT5C1B	0.27443917	1	1	1.26303441	1	1
NT5C2	-0.087526	0.72052511	1	0.40546278	0.14604648	1
NT5C3A	-1.7565612	0.00444294	1	-1.3667735	0.00117068	1
NT5C3B	0.66727857	0.15974029	1	-0.481381	0.75357091	1
NT5DC1	0.19015987	0.6774674	1	0.44734985	0.75756819	1
NT5DC2	0.27443917	1	1	-5.9244137	0.52259551	1
NT5DC3	1.28068798	0.00832026	1	1.15173103	0.00855807	1
NT5DC4	0.27443917	1	1	1.26303441	1	1
NT5E	2.025067	0.45738523	1	-1.0440316	0.50449606	1
NT5M	0.27443917	1	1	1.26303441	1	1
NTAN1	-0.9581765	0.14899891	1	-1.0117761	0.05288821	1
NTF3	0.27443917	1	1	1.26303441	1	1
NTF4	0.27443917	1	1	1.26303441	1	1
NTHL1	-0.3106183	0.85827823	1	-0.9262274	0.50993997	1
NTM	-7.1236435	0.36779564	1	1.26303441	1	1
NTMT1	0.46432104	0.75658528	1	0.13964646	0.36838808	1
NTN1	4.08578515	0.05726714	1	1.50084126	0.14459246	1
NTN4	-7.8894416	0.36779564	1	-8.0380332	0.3629285	1
NTN5	-6.5132161	0.36779564	1	1.26303441	1	1
NTNG1	0.27443917	1	1	1.26303441	1	1

NTNG2	-0.3671886	0.91060767	1	-0.1760327	0.46649086	1	
NTPCR	-0.3535026	0.94119578	1	0.30721811	0.57122706	1	
NTRK1	-0.3577627	0.34895994	1	0.37965407	0.91389593	1	
NTRK2	0.27443917	1	1	-5.5808148	0.52259551	1	
NTRK3	0.27443917	1	1	1.26303441	1	1	
NTS	0.27443917	1	1	1.26303441	1	1	
NTSR1	0.27443917	1	1	1.26303441	1	1	
NTSR2	0.27443917	1	1	1.26303441	1	1	
NUAK1	0.27443917	1	1	-6.6076133	0.52259551	1	
NUAK2	-0.4582513	0.47721645	1	-0.2715986	0.74697875	1	
NUB1	-1.430644	0.03033639	1	-1.0115015	0.03362123	1	
NUBP1	-1.0031361	0.2866381	1	-0.5006516	0.54653518	1	
NUBP2	-0.1474	0.83021289	1	-0.9897873	0.71714431	1	
NUBPL	-0.6784322	0.44125617	1	-0.4167195	0.27896812	1	
NUCB1	-0.8693031	0.41318715	1	-1.4972239	0.00908868	1	
NUCB2	-0.3746971	0.77579715	1	-0.9928646	0.23201657	1	
NUCKS1	-0.6851438	0.07977261	1	-0.9474281	0.00111083	1	
NUDC	-0.924655	0.51147122	1	-1.7955106	6.88E-06	0.18998473	
NUDCD1	-0.7867397	0.54292843	1	-1.2400713	0.04638908	1	
NUDCD2	0.00875972	0.97445566	1	-1.3772705	0.07549888	1	
NUDCD3	0.06479811	0.78467357	1	-0.0166628	0.97971649	1	
NUDT1	-1.4631311	0.24373878	1	-2.0951828	0.01654907	1	
NUDT10	8.009752	0.2752184	1	8.99834724	0.12281968	1	
NUDT12	-1.257516	0.24880431	1	-1.446997	0.06788974	1	
NUDT13	-0.6476181	0.7929395	1	-1.2388664	0.37346841	1	
NUDT14	-1.3138928	0.80862687	1	-2.5977371	0.01500767	1	
NUDT15	3.61357215	0.22569004	1	1.12104977	0.60904546	1	
NUDT16	-2.4155644	0.02302023	1	-2.8901096	0.00251911	1	
NUDT16L1	1.30003674	0.21404087	1	-0.5544983	0.15410741	1	
NUDT17	0.27443917	1	1	1.26303441	1	1	
NUDT18	-6.5132161	0.36779564	1	-6.6448466	0.3629285	1	
NUDT19	-1.3710706	0.54647286	1	-0.5942117	0.68201504	1	
NUDT2	0.04998357	0.50663218	1	-1.176536	0.08110941	1	
NUDT21	-0.2532906	0.89890005	1	-0.4645421	0.44380417	1	
NUDT22	1.27929085	0.75827803	1	-0.2821709	0.07819239	1	
NUDT3	0.01921182	0.856987	1	0.31962805	0.27231874	1	
NUDT4	-0.5999758	0.32825518	1	-1.1611921	0.00306621	1	
NUDT5	-0.068449	0.87811912	1	-0.1041039	0.82157803	1	
NUDT6	1.15925634	0.89260809	1	-2.1969234	0.37197527	1	
NUDT7	0.27443917	1	1	-7.048743	0.52259551	1	
NUDT8	1.17864542	0.28849851	1	-1.0137618	0.47344657	1	
NUDT9	0.0458172	0.87556323	1	-0.312013	0.1480754	1	
NUF2	0.27443917	1	1	1.26303441	1	1	

NUFIP1	-0.2911633	0.81717694	1	-0.1481231	0.43378769	1
NUFIP2	-0.0446097	0.40058104	1	0.03740815	0.669449	1
NUGGC	-8.1382986	0.19965135	1	-7.7572727	0.1958879	1
NUMA1	0.21041097	0.37016742	1	0.43186359	0.15592383	1
NUMB	-0.4953949	0.06871764	1	0.24990133	0.25884368	1
NUMBL	10.1355375	0.02713794	1	0.70446569	0.45318063	1
NUP107	0.50257511	0.10959375	1	0.36419197	0.08867837	1
NUP133	0.11508278	0.95469757	1	0.36414401	0.50340966	1
NUP153	-0.5586613	0.11331723	1	-0.4303366	0.15701597	1
NUP155	-0.6341172	0.53179823	1	-0.1094131	0.43048409	1
NUP160	-0.1164473	0.88946946	1	1.07759465	0.03218966	1
NUP188	-0.9101895	0.20070313	1	-0.1407837	0.49137906	1
NUP205	0.51121323	0.1606195	1	-0.1139224	0.91240676	1
NUP210	-0.1134745	0.61438469	1	0.88522738	0.00108265	1
NUP210L	-0.0323643	0.54514591	1	-0.6840238	0.25698115	1
NUP214	0.13101341	0.17088913	1	0.46023453	0.02794412	1
NUP35	-0.7061558	0.28862518	1	-0.6380915	0.19321306	1
NUP37	0.47599353	0.49268305	1	-0.421447	0.59296131	1
NUP42	-1.1784677	0.37062913	1	-0.1826445	0.51715054	1
NUP43	2.62262835	0.00203794	1	0.96630982	0.05978884	1
NUP50	-0.8324365	0.43933774	1	-0.7391404	0.13877011	1
NUP54	-0.2543045	0.54068294	1	0.34257772	0.70274115	1
NUP58	-0.1186949	0.88442096	1	-0.4732335	0.41849845	1
NUP62	7.10225734	0.2752184	1	-0.7453872	0.84581067	1
NUP62CL	-1.5502683	0.37429731	1	-0.9780138	0.57880472	1
NUP85	-0.7573199	0.55414821	1	0.29413406	0.53908793	1
NUP88	-0.4881716	0.73748909	1	0.21185681	0.90755287	1
NUP93	0.50510286	0.48555526	1	-0.365076	0.51323599	1
NUP98	-0.3309813	0.43818136	1	-0.0426511	0.60920727	1
NUPR1	-1.2838635	0.04240119	1	-2.3647662	9.80E-06	0.27031493
NUPR2	1.87646085	0.04698849	1	1.16041624	0.04714804	1
NUS1	-0.4629111	0.58620197	1	-0.5106914	0.46711051	1
NUSAP1	-0.161343	0.68789913	1	-0.9465029	0.8409801	1
NUTF2	1.01338411	0.33313202	1	-1.3252081	0.01051745	1
NUTM1	0.27443917	1	1	1.26303441	1	1
NUTM2F	8.009752	0.2752184	1	8.99834724	0.12281968	1
NVL	-0.0980025	0.86778338	1	-0.2588173	0.55433651	1
NWD1	0.27443917	1	1	-9.1765375	0.26373073	1
NWD2	0.27443917	1	1	1.26303441	1	1
NXF1	-0.3241284	0.3670019	1	-0.0253793	0.10467063	1
NXF3	0.27443917	1	1	1.26303441	1	1
NXN	1.08242965	0.15974029	1	2.77819424	0.13925022	1
NXNL1	0.27443917	1	1	-6.4634738	0.52259551	1

NXNL2	0.27443917	1	1	1.26303441	1	1
NXPE1	0.27443917	1	1	1.26303441	1	1
NXPE2	0.27443917	1	1	1.26303441	1	1
NXPE3	0.64413283	0.5097079	1	0.53422434	0.64534661	1
NXPH1	-7.4703458	0.36779564	1	1.26303441	1	1
NXPH2	0.27443917	1	1	1.26303441	1	1
NXPH3	-5.7676125	0.36779564	1	1.26303441	1	1
NXPH4	0.27443917	1	1	1.26303441	1	1
NXT1	1.73986781	0.28205408	1	-1.618431	0.00286145	1
NXT2	-8.3311926	0.19965135	1	-9.66934	0.01801327	1
NYAP1	-7.7213779	0.36779564	1	1.26303441	1	1
NYAP2	0.27443917	1	1	-5.5119993	0.52259551	1
NYNRIN	0.27443917	1	1	1.26303441	1	1
OAF	-9.2883509	0.36779564	1	-6.3711778	0.52259551	1
OARD1	0.14579684	0.68732723	1	-0.5992722	0.08634156	1
OAS1	-11.59298	0.0020748	1	-8.1051575	0.1958879	1
OAS2	-4.3364945	6.36E-08	0.0017548	-1.9101181	0.02094579	1
OAS3	-1.4047558	0.16792094	1	0.44726056	0.98174895	1
OASL	-3.0851707	0.01388417	1	-1.6893953	0.17618857	1
OAT	2.2212791	0.89260809	1	-0.0079063	0.85064705	1
OAZ1	-0.7914007	0.09151556	1	-2.4962343	5.48E-21	1.51E-16
OAZ2	-4.1160881	0.00494668	1	-4.0153501	0.0102223	1
OAZ3	0.27443917	1	1	1.26303441	1	1
OBP2B	0.27443917	1	1	1.26303441	1	1
OBSCN	10.0157096	0.01326151	1	-0.2794573	0.36271657	1
OBSL1	0.27443917	1	1	1.26303441	1	1
OC90	0.27443917	1	1	1.26303441	1	1
OCA2	-7.0497265	0.36779564	1	-9.7089929	0.03889469	1
OCEL1	-0.3583048	0.68052236	1	-0.8753756	0.29307123	1
OCIAD1	0.16007492	0.83723341	1	-0.0417475	0.08353568	1
OCIAD2	0.27443917	1	1	1.26303441	1	1
OCLM	8.06158085	0.12052946	1	0.90750322	0.15869376	1
OCLN	0.27443917	1	1	1.26303441	1	1
OCRL	10.2736819	0.02713794	1	0.59611396	0.97196673	1
OCSTAMP	0.27443917	1	1	1.26303441	1	1
ODAM	0.27443917	1	1	1.26303441	1	1
ODAPH	-0.4971565	0.72285324	1	-2.0434457	0.00278713	1
ODC1	0.29588861	0.2899576	1	-0.2453983	0.88881141	1
ODF1	0.27443917	1	1	1.26303441	1	1
ODF2	-0.3831987	0.90257794	1	-0.4937746	0.71081295	1
ODF2L	-0.054216	0.9584842	1	-0.0298285	0.89170991	1
ODF3B	-0.0713686	0.89972832	1	-1.2024687	0.22527705	1
ODF3L1	0.27443917	1	1	1.26303441	1	1

ODF3L2	0.27443917	1	1	1.26303441	1	1
ODF4	0.27443917	1	1	1.26303441	1	1
ODR4	-1.4618978	0.12022838	1	-0.7272242	0.30832059	1
OFCC1	-8.2724366	0.36779564	1	-7.4522248	0.3629285	1
OFD1	0.97284736	0.00540739	1	1.05994136	0.03638009	1
OGA	-0.1118206	0.54951066	1	0.34251791	0.06536121	1
OGDH	0.5670108	0.03528032	1	0.23419233	0.36751988	1
OGDHL	0.27443917	1	1	1.26303441	1	1
OGFOD1	-0.0709993	0.52174859	1	-0.6205417	0.51291505	1
OGFOD2	1.87319829	0.45738523	1	-0.4602617	0.51460656	1
OGFOD3	-8.9577404	0.19965135	1	-9.5230435	0.02325653	1
OGFR	-0.541697	0.86825759	1	0.06165529	0.98540152	1
OGFRL1	1.86645647	0.0610404	1	-0.1709316	0.98432973	1
OGG1	0.8423406	0.35901594	1	0.43757375	0.23080493	1
OGN	0.27443917	1	1	1.26303441	1	1
OGT	-0.3206886	0.70602142	1	0.20800926	0.09671854	1
OIP5	-8.6661992	0.19965135	1	-5.5119993	0.52259551	1
OIT3	0.27443917	1	1	1.26303441	1	1
OLA1	-0.1182999	0.66889785	1	0.28713989	0.16976434	1
OLFM1	3.02503627	0.45132853	1	-0.6589764	0.63361072	1
OLFM2	-8.1741692	0.19965135	1	-5.3789862	0.52259551	1
OLFM3	0.27443917	1	1	1.26303441	1	1
OLFM4	0.27443917	1	1	1.26303441	1	1
OLFML1	0.27443917	1	1	1.26303441	1	1
OLFML2A	1.01324463	0.45738523	1	0.56437823	0.36905242	1
OLFML2B	0.27443917	1	1	1.26303441	1	1
OLFML3	0.27443917	1	1	1.26303441	1	1
OLR1	-0.496069	0.2621212	1	-1.2785373	0.00237617	1
OMA1	1.11617072	0.07658249	1	1.01832812	0.08375526	1
OMD	0.53591425	0.89260809	1	-0.0891409	0.88397598	1
OMG	-5.7676125	0.36779564	1	1.26303441	1	1
ONECUT1	0.27443917	1	1	1.26303441	1	1
ONECUT2	0.27443917	1	1	1.26303441	1	1
ONECUT3	0.27443917	1	1	1.26303441	1	1
OOSP4B	0.27443917	1	1	1.26303441	1	1
OPA1	-0.1288177	0.78542407	1	0.1331218	0.2242547	1
OPA3	-0.1283263	0.93752687	1	-0.4076635	0.79750006	1
OPALIN	0.27443917	1	1	1.26303441	1	1
OPCML	-0.8120195	0.90231962	1	0.50167888	0.85548905	1
OPHN1	0.10259049	0.82572094	1	1.99492054	0.2282072	1
OPN1LW	0.27443917	1	1	1.26303441	1	1
OPN1MW3	0.27443917	1	1	1.26303441	1	1
OPN1SW	-7.9256416	0.36779564	1	1.26303441	1	1

OPN3	11.2400714	0.00039457	1	0.47028513	0.14213216	1
OPN5	0.27443917	1	1	-6.3711778	0.52259551	1
OPRD1	-0.627474	0.90231962	1	-1.6270947	0.37449073	1
OPRK1	0.27443917	1	1	1.26303441	1	1
OPRL1	-5.7676125	0.36779564	1	1.26303441	1	1
OPRM1	0.27443917	1	1	1.26303441	1	1
OPTN	-0.5826463	0.25537212	1	-0.5030677	0.02496468	1
OR10Q1	8.2633308	0.2752184	1	-0.8222987	0.84581067	1
OR1M1	0.27443917	1	1	1.26303441	1	1
OR2A1	0.27443917	1	1	1.26303441	1	1
OR2A2	0.27443917	1	1	1.26303441	1	1
OR2A25	0.27443917	1	1	1.26303441	1	1
OR2AT4	0.27443917	1	1	1.26303441	1	1
OR4B1	0.27443917	1	1	1.26303441	1	1
OR4Q3	0.27443917	1	1	1.26303441	1	1
OR5AN1	0.27443917	1	1	1.26303441	1	1
OR6N1	-8.6474824	0.36779564	1	1.26303441	1	1
ORAI1	-0.2953348	0.58641286	1	-0.9157727	0.02842141	1
ORAI2	0.55913849	0.35273949	1	0.97483717	0.05717863	1
ORAI3	0.101595	0.82464385	1	-1.569833	0.048209	1
ORC1	1.6576987	0.49174922	1	1.79320097	0.1332849	1
ORC2	-0.4657276	0.55748445	1	-0.4150026	0.81016529	1
ORC3	-0.2991895	0.99703325	1	-0.4921984	0.5905002	1
ORC4	-0.19003	0.87019012	1	-0.1037516	0.52563984	1
ORC5	-0.2754235	0.78778636	1	-0.6218443	0.69997606	1
ORC6	-0.796202	0.8146861	1	-0.2279941	0.63952621	1
ORM1	-8.1774396	0.36779564	1	-10.069754	0.06553217	1
ORMDL1	0.14389874	0.35400006	1	-0.605462	0.51430404	1
ORMDL2	7.66484764	0.2752184	1	-2.9785996	0.0491777	1
ORMDL3	8.97526033	0.2752184	1	0.52983215	0.38465738	1
OS9	-0.2776239	0.67322846	1	-0.1198338	0.53700844	1
OSBP	0.72547372	0.04730668	1	0.38236911	0.1171307	1
OSBP2	2.5276181	0.45738523	1	11.1318205	0.02855238	1
OSBPL10	-9.0870832	0.11486391	1	1.26303441	1	1
OSBPL11	-0.3127164	0.66967693	1	-0.694925	0.05030077	1
OSBPL1A	-0.2264948	0.51330424	1	0.23509325	0.877695	1
OSBPL2	0.29618544	0.63624219	1	0.73746831	0.19457665	1
OSBPL3	-0.1804782	0.9190463	1	0.09124225	0.51094096	1
OSBPL5	0.10012781	0.28073696	1	1.72990407	0.00267688	1
OSBPL6	-7.7213779	0.36779564	1	1.26303441	1	1
OSBPL7	-0.0364999	0.9454573	1	0.31900292	0.20928712	1
OSBPL8	-0.375546	0.33806095	1	0.04488751	0.46154736	1
OSBPL9	0.19942011	0.25903671	1	0.31810829	0.10377095	1

OSCAR	-3.2479709	0.25076778	1	-3.4866507	0.02930578	1	
OSCP1	-0.5463258	0.68052236	1	-1.6013891	0.49019995	1	
OSER1	0.05344123	0.87556323	1	-0.2684151	0.74064603	1	
OSGEP	-0.4108906	0.40607026	1	-0.1538452	0.56530842	1	
OSGEPL1	0.76610327	0.52003827	1	1.00006027	0.19911442	1	
OSGIN1	-0.0472016	0.90231962	1	1.45903678	0.52223338	1	
OSGIN2	1.23820273	0.33300342	1	0.25158384	0.5937869	1	
OSM	-2.1515726	0.15700157	1	-3.4589508	0.00843166	1	
OSMR	0.27443917	1	1	1.26303441	1	1	
OSR1	0.27443917	1	1	1.26303441	1	1	
OSR2	-8.1251606	0.36779564	1	1.26303441	1	1	
OST4	0.63100225	0.71032624	1	-2.4429585	2.82E-06	0.07788153	
OSTC	0.91915163	0.46491263	1	-1.1259998	0.01029504	1	
OSTF1	0.06538036	0.56831068	1	-0.6695499	0.00876749	1	
OSTM1	0.04505628	0.99166173	1	-0.4463869	0.30141175	1	
OSTN	0.27443917	1	1	1.26303441	1	1	
OTC	-7.841363	0.36779564	1	1.26303441	1	1	
OTOA	7.36256092	0.2752184	1	1.08372304	0.52790957	1	
OTOF	0.27443917	1	1	1.26303441	1	1	
OTOG	0.99237238	0.09262591	1	0.71454287	0.1198384	1	
OTOGL	0.27443917	1	1	1.26303441	1	1	
OTOP1	0.27443917	1	1	1.26303441	1	1	
OTOP2	0.27443917	1	1	1.26303441	1	1	
OTOP3	0.27443917	1	1	1.26303441	1	1	
OTOR	0.27443917	1	1	1.26303441	1	1	
OTOS	0.27443917	1	1	1.26303441	1	1	
OTP	0.27443917	1	1	1.26303441	1	1	
OTUB1	0.06604774	0.7374583	1	-0.6371412	0.38992076	1	
OTUB2	-8.0151886	0.36779564	1	-8.0373167	0.3629285	1	
OTUD1	-0.8496214	0.5506235	1	-2.9372457	0.00206987	1	
OTUD3	-0.2317137	0.71875887	1	-0.1028664	0.77295224	1	
OTUD4	-0.2568415	0.76855184	1	0.08571593	0.83495753	1	
OTUD5	0.00547742	0.67050322	1	-0.3165458	0.17004781	1	
OTUD6B	0.8349458	0.16208654	1	0.14230313	0.3305077	1	
OTUD7A	9.25322018	0.2752184	1	10.2418154	0.12281968	1	
OTUD7B	-1.0026013	0.42637973	1	-0.1194891	0.98557039	1	
OTULIN	-0.3287216	0.71403004	1	-0.5622698	0.33473196	1	
OTULINL	-0.2238473	0.90475283	1	0.05896335	0.74737518	1	
OTX1	0.27443917	1	1	1.26303441	1	1	
OTX2	0.27443917	1	1	1.26303441	1	1	
OVCA2	-1.0830394	0.32015878	1	-1.6952197	0.0922352	1	
OVCH1	0.27443917	1	1	1.26303441	1	1	
OVCH2	0.27443917	1	1	1.26303441	1	1	

OVGP1	7.21585798	0.2752184	1	0.6339616	0.8783593	1
OVOL1	0.27443917	1	1	1.26303441	1	1
OVOL2	0.27443917	1	1	1.26303441	1	1
OVOL3	0.27443917	1	1	1.26303441	1	1
OXA1L	-1.4306171	0.13523265	1	-1.7551402	0.00881229	1
OXCT1	0.52812697	0.45313788	1	0.56347126	0.68621008	1
OXCT2	0.27443917	1	1	1.26303441	1	1
OXER1	0.27443917	1	1	-8.5650468	0.08544191	1
OXLD1	-1.1644327	0.54111927	1	-2.3079602	0.06080293	1
OXNAD1	0.75921005	0.21137563	1	0.0408027	0.89488408	1
OXR1	0.55502453	0.04112115	1	0.52837853	0.20617969	1
OXSM	0.75660884	0.84452255	1	-1.1533682	0.16480972	1
OXSR1	-0.1897232	0.30924823	1	-0.0414088	0.72586048	1
OXT	0.27443917	1	1	1.26303441	1	1
OXTR	0.27443917	1	1	1.26303441	1	1
P2RX1	-9.1012926	0.19965135	1	-6.9673269	0.1958879	1
P2RX3	7.66484764	0.2752184	1	0.56868983	0.52790957	1
P2RX4	0.1135451	0.60032212	1	0.08502496	0.67107144	1
P2RX5	-10.534344	0.02458092	1	-8.4137536	0.11188911	1
P2RX6	0.27443917	1	1	1.26303441	1	1
P2RX7	-0.6003753	0.79139443	1	0.23628575	0.63237516	1
P2RY1	-0.1008559	0.4634873	1	3.09152828	0.15452883	1
P2RY10	0.69207283	0.25546059	1	0.86473927	0.21419293	1
P2RY11	-2.2905827	0.25076778	1	-2.6560601	0.13212689	1
P2RY12	1.63990241	0.23243735	1	0.29296997	0.27601006	1
P2RY13	-9.0643982	0.11486391	1	-7.0790777	0.26373073	1
P2RY14	-0.4649957	0.15044099	1	0.30059383	0.46114479	1
P2RY2	0.27443917	1	1	-6.6210898	0.3629285	1
P2RY6	0.27443917	1	1	1.26303441	1	1
P2RY8	-0.2997026	0.57948235	1	0.47294723	0.36548349	1
P3H1	1.01043577	0.72913938	1	0.39948287	0.86167166	1
P3H2	-8.8395565	0.36779564	1	1.26303441	1	1
P3H3	0.27443917	1	1	1.26303441	1	1
P3H4	3.64085069	0.02863319	1	0.09581775	0.59984059	1
P3R3URF	0.27443917	1	1	1.26303441	1	1
P4HA1	-0.3964642	0.42718751	1	0.03828846	0.64460464	1
P4HA2	7.06868348	0.2752184	1	8.05727872	0.12281968	1
P4HA3	1.40181938	0.89260809	1	-0.2435928	0.8895985	1
P4HB	-0.0657014	0.55431425	1	-0.8920901	0.01887367	1
P4HTM	-0.3681044	0.4518349	1	0.09809872	0.49021815	1
PA2G4	-0.7630854	0.33142777	1	-1.6791947	0.00077911	1
PAAF1	-0.3348196	0.40607026	1	-0.9942608	0.08311881	1
PABPC1	0.19965304	0.24367083	1	-0.3305272	0.04485185	1

PABPC1L	-0.8218659	0.59124144	1	0.51661799	0.12200937	1
PABPC4	0.85812505	0.11886236	1	-0.3506143	0.2521964	1
PABPC5	0.27443917	1	1	1.26303441	1	1
PACRG	1.36094383	0.83770648	1	0.05520567	0.84174049	1
PACRGL	-0.8974399	0.20106087	1	-1.0130318	0.15496964	1
PACS1	0.21935716	0.40548505	1	0.43267252	0.16798699	1
PACS2	1.24621058	0.22707239	1	3.45648552	0.00116213	1
PACSIN1	7.40815805	0.2752184	1	8.39675328	0.12281968	1
PACSIN2	0.08266034	0.4392949	1	0.62068428	0.17385377	1
PACSIN3	8.60224999	0.2752184	1	0.02743397	0.88397598	1
PADI1	0.27443917	1	1	1.26303441	1	1
PADI2	-6.7100151	0.36779564	1	-6.1364918	0.52259551	1
PADI3	7.407559	0.2752184	1	8.39615424	0.12281968	1
PADI4	0.27443917	1	1	1.26303441	1	1
PADI6	-8.0643182	0.19965135	1	-7.1798314	0.52259551	1
PAEP-1	7.407559	0.2752184	1	-0.1231133	0.8895985	1
PAF1	-0.2257984	0.33211818	1	-1.1503566	0.61616743	1
PAFAH1B1	0.14050947	0.2994392	1	0.15232564	0.23203502	1
PAFAH1B2	-0.878864	0.21692565	1	-0.2142512	0.80360654	1
PAFAH1B3	-0.5124013	0.51668413	1	-2.2550414	0.04567129	1
PAFAH2	-0.8174493	0.18174017	1	0.11122077	0.66669721	1
PAG1	0.08553274	0.62195023	1	0.30586326	0.07608508	1
PAGE2B	0.27443917	1	1	-6.7533917	0.52259551	1
PAGE4	0.27443917	1	1	1.26303441	1	1
PAGR1	0.6145301	0.34381253	1	-0.6897381	0.14788311	1
PAH	0.27443917	1	1	1.26303441	1	1
PAIP1	-0.1446451	0.60332605	1	-0.5580151	0.54932047	1
PAIP2	-0.129956	0.80129653	1	-0.4994777	0.0134449	1
PAIP2B	0.52372033	0.14096153	1	1.88872373	0.05981196	1
PAK1	2.36489954	0.83770648	1	-0.1409825	0.22122899	1
PAK1IP1	0.10054862	0.27841748	1	-0.6565183	0.27957968	1
PAK2	0.44630294	0.12638454	1	-0.2045692	0.15777323	1
PAK3	-1.9684399	0.23874614	1	-3.0935484	0.01110008	1
PAK4	0.10585631	0.92146801	1	1.41903718	0.11292596	1
PAK5	-6.8979479	0.36779564	1	1.26303441	1	1
PAK6	-8.4495696	0.36779564	1	-5.2048921	0.52259551	1
PALB2	0.5092406	0.74810579	1	0.40255482	0.44667782	1
PALD1	0.27443917	1	1	1.26303441	1	1
PALLD	-3.8350898	0.0579345	1	-2.990479	0.03724118	1
PALM	-0.1557421	0.40332907	1	0.40303665	0.28382292	1
PALM2	-8.1774396	0.36779564	1	1.26303441	1	1
PALM3	0.27443917	1	1	1.26303441	1	1
PALMD	0.27443917	1	1	1.26303441	1	1

PAM	-0.1023208	0.99563942	1	0.28018284	0.40169443	1
PAM16	-2.7907764	0.01587242	1	-3.5979288	0.00010272	1
PAMR1	-8.8604164	0.36779564	1	1.26303441	1	1
PAN2	-0.1780966	0.82012231	1	0.5515637	0.61419156	1
PAN3	-0.1807231	0.19268718	1	0.21574807	0.09505549	1
PANK1	-1.1930237	0.5251008	1	-1.136483	0.20817322	1
PANK2	0.6613418	0.20006426	1	0.3740806	0.45764936	1
PANK3	-0.0948768	0.85898038	1	-0.2994784	0.31951705	1
PANK4	-0.6844517	0.86503869	1	-0.8807074	0.32773255	1
PANO1	0.27443917	1	1	-6.5683195	0.52259551	1
PANX1	0.05777057	0.80927187	1	0.34388814	0.38934673	1
PANX2	0.27443917	1	1	1.26303441	1	1
PANX3	0.27443917	1	1	1.26303441	1	1
PAOX	2.73371897	0.05820926	1	-0.4017709	0.86914123	1
PAPLN	-0.0577244	0.68789913	1	-0.794323	0.38210003	1
PAPOLA	0.34762119	0.09212857	1	0.0676381	0.66788238	1
PAPOLB	0.27443917	1	1	1.26303441	1	1
PAPOLG	-0.167087	0.94948108	1	0.36077938	0.43178076	1
PAPPA	0.27443917	1	1	1.26303441	1	1
PAPPA2	0.27443917	1	1	1.26303441	1	1
PAPSS1	0.71005745	0.12066159	1	0.19683634	0.76737145	1
PAPSS2	-2.4529162	0.24755874	1	-0.6173307	0.84581067	1
PAQR3	-0.746891	0.5506235	1	-1.067437	0.32951735	1
PAQR4	0.27443917	1	1	-7.9188525	0.26373073	1
PAQR5	0.13912196	0.4226224	1	0.17419813	0.65223573	1
PAQR6	-9.0359791	0.19965135	1	-9.2175134	0.08544191	1
PAQR7	0.27443917	1	1	-7.4350268	0.3629285	1
PAQR8	0.10004873	0.56076418	1	-0.9420159	0.10736275	1
PAQR9	0.27443917	1	1	1.26303441	1	1
PARD3	-0.9262963	0.01309129	1	0.11177943	0.90241127	1
PARD3B	0.62564476	0.16776582	1	11.7288254	0.00049982	1
PARD6A	0.27443917	1	1	-7.1078147	0.3629285	1
PARD6B	-2.7749272	0.40765452	1	-3.0399241	0.10134628	1
PARD6G	0.27443917	1	1	-7.9069167	0.3629285	1
PARG	-0.0150535	0.94765345	1	0.03902714	0.41019899	1
PARK7	2.08855074	0.05271835	1	-0.7603275	0.00410947	1
PARL	-0.2883473	0.57506805	1	0.09828074	0.71861224	1
PARM1	8.44490916	0.2752184	1	1.79872456	0.52223338	1
PARN	-0.0554892	0.67797572	1	0.42641935	0.09890097	1
PARP1	0.30370183	0.26024474	1	-0.2496875	0.67438085	1
PARP10	-1.5221634	0.23874614	1	-0.7037682	0.95141927	1
PARP11	-0.3593903	0.11072732	1	1.30484119	0.11740553	1
PARP12	-1.4296808	0.00102995	1	-0.233127	0.74260623	1

PARP14	-1.0192959	0.00309948	1	0.29504207	0.6954212	1
PARP15	-0.7675941	0.0627579	1	-0.2856691	0.30592256	1
PARP16	8.86172244	0.12052946	1	-0.417572	0.95515215	1
PARP2	-0.7630225	0.14770728	1	-1.1032532	0.07458613	1
PARP3	-1.2397991	0.22166301	1	-1.2141182	0.27956976	1
PARP4	-0.545885	0.48075156	1	-0.0575381	0.67784777	1
PARP6	-0.5423248	0.87402725	1	0.13889255	0.32162952	1
PARP8	-0.8002144	0.00018394	1	-0.1634518	0.18195074	1
PARP9	-0.9089146	0.18737842	1	0.678895	0.20511711	1
PARPBP	0.27443917	1	1	-5.9562946	0.52259551	1
PARS2	0.27443917	1	1	-6.5255849	0.26373073	1
PARVA	-9.2650823	0.11486391	1	-8.8823027	0.26373073	1
PARVB	0.77856651	0.51816947	1	0.70624069	0.58884318	1
PARVG	-1.1889926	0.58713617	1	-0.8942158	0.11923128	1
PASD1	0.27443917	1	1	1.26303441	1	1
PASK	1.8432334	0.45738523	1	-0.7769162	0.95141927	1
PATE1	0.27443917	1	1	1.26303441	1	1
PATE2	0.27443917	1	1	-5.0483792	0.52259551	1
PATE3	0.27443917	1	1	1.26303441	1	1
PATE4	0.27443917	1	1	1.26303441	1	1
PATJ	0.42735422	0.0790997	1	0.97163051	0.00111903	1
PATL1	0.0865698	0.99355778	1	-0.039061	0.89069593	1
PATL2	0.24637358	0.93067703	1	0.36312474	0.98433669	1
PATZ1	0.19352015	0.54905584	1	-0.2936749	0.85747312	1
PAWR	-1.9536598	0.41260835	1	-1.47776	0.37955312	1
PAX2	0.27443917	1	1	1.26303441	1	1
PAX3	0.27443917	1	1	1.26303441	1	1
PAX5	-8.2873621	0.36779564	1	1.26303441	1	1
PAX6	0.27443917	1	1	-6.9036354	0.3629285	1
PAX7	0.27443917	1	1	1.26303441	1	1
PAX8	0.27443917	1	1	1.26303441	1	1
PAX9	0.27443917	1	1	1.26303441	1	1
PAXBP1	0.14297721	0.40242318	1	0.46380185	0.06822993	1
PAXIP1	-0.792603	0.18460251	1	-1.1597141	0.01482666	1
PAXX	-1.0136198	0.38135626	1	-2.1682609	0.01243479	1
PBDC1	-0.3268673	0.96761737	1	-0.8140325	0.36587442	1
PBK	0.27443917	1	1	1.26303441	1	1
PBLD	-0.2291909	0.74273508	1	-0.7363379	0.20855886	1
PBRM1	-0.3103153	0.33589488	1	0.19042847	0.41196428	1
PBX1	-0.0265719	0.82464385	1	-0.1875843	0.87897508	1
PBX2	1.60089384	0.04708851	1	1.13591705	0.27552075	1
PBX3	-0.5208863	0.09504193	1	0.04789571	0.67622677	1
PBX4	0.31105529	0.26024474	1	0.66128597	0.05985921	1

PBXIP1	0.27546634	0.20694448	1	0.33517545	0.28946754	1
PC	-9.9033713	0.06784723	1	-9.6625847	0.06553217	1
PCARE	0.27443917	1	1	-6.7533917	0.52259551	1
PCBD1	-2.6387836	0.40765452	1	-3.9255401	0.01341502	1
PCBD2	0.40276807	0.08402259	1	0.84876006	0.08264585	1
PCBP1	-1.3363246	0.10887545	1	-2.3460986	1.52E-07	0.00420121
PCBP2	0.00838529	0.62339757	1	0.30334805	0.05053791	1
PCBP3	0.27443917	1	1	-7.1683967	0.52259551	1
PCBP4	-8.3933728	0.11486391	1	-7.784915	0.26373073	1
PCCA	0.17824648	0.53622717	1	0.43856038	0.04195198	1
PCCB	-1.0770245	0.49507006	1	-0.575163	0.23887981	1
PCDH1	0.27443917	1	1	1.26303441	1	1
PCDH10	0.27443917	1	1	1.26303441	1	1
PCDH11X	-8.6826586	0.19965135	1	-8.5043387	0.1958879	1
PCDH12	0.27443917	1	1	1.26303441	1	1
PCDH15	-0.6810072	0.90231962	1	1.16020332	0.85548905	1
PCDH17	-2.7933585	0.67317602	1	8.44221012	0.12281968	1
PCDH19	0.27443917	1	1	1.26303441	1	1
PCDH20	0.27443917	1	1	-3.7413079	0.52259551	1
PCDH7	1.07148997	0.98593976	1	2.30646826	0.19154278	1
PCDH9	0.27443917	1	1	-7.2612567	0.3629285	1
PCDHB10	0.27443917	1	1	1.26303441	1	1
PCDHB14	0.27443917	1	1	1.26303441	1	1
PCDHB15	0.27443917	1	1	1.26303441	1	1
PCDHB2	0.27443917	1	1	1.26303441	1	1
PCDHB3	0.27443917	1	1	1.26303441	1	1
PCDHB4	-7.0684566	0.36779564	1	1.26303441	1	1
PCDHB5	0.27443917	1	1	1.26303441	1	1
PCDHB7	0.27443917	1	1	1.26303441	1	1
PCDHB8	0.27443917	1	1	1.26303441	1	1
PCDHGA1	0.27443917	1	1	-7.1828294	0.52259551	1
PCDHGA10	-1.6024367	0.67317602	1	2.14519425	0.52223338	1
PCDHGA11	-0.9048464	0.5506235	1	2.2000383	0.15660079	1
PCDHGA12	-8.3232364	0.36779564	1	-7.4645486	0.3629285	1
PCDHGB4	0.27443917	1	1	1.26303441	1	1
PCDHGB5	0.98782192	0.89260809	1	9.04666358	0.12281968	1
PCDHGB6	-9.8191101	0.06784723	1	-4.879732	0.52259551	1
PCDHGB7	0.27443917	1	1	1.26303441	1	1
PCDHGC3	6.23735948	0.2752184	1	-1.5016283	0.8895985	1
PCDHGC4	0.27443917	1	1	1.26303441	1	1
PCDHGC5	0.27443917	1	1	1.26303441	1	1
PCED1A	-2.5795814	0.41260835	1	-0.6913407	0.84581067	1
PCED1B	-0.6389772	0.02293748	1	0.1754451	0.571472	1

PCF11	0.23570245	0.03499026	1	0.32493512	0.06143987	1
PCGF1	-8.7875449	0.11486391	1	-8.9802716	0.08544191	1
PCGF2	-7.0684566	0.36779564	1	-7.8933588	0.26373073	1
PCGF3	0.77692908	0.11725463	1	0.89769602	0.05035102	1
PCGF5	-0.3029153	0.38866447	1	0.26297939	0.45396188	1
PCGF6	0.68055763	0.12185177	1	0.37923975	0.2864076	1
PCID2	-0.5893191	0.72858933	1	-0.2596944	0.45436552	1
PCIF1	-0.084225	0.90995355	1	-0.2649199	0.89722473	1
PCK2	0.29038445	0.5276287	1	1.82259967	0.06066928	1
PCLAF	0.27443917	1	1	-6.8217186	0.52259551	1
PCLO	0.27443917	1	1	1.26303441	1	1
PCM1	0.11675731	0.36566163	1	0.26081002	0.1184981	1
PCMT1	0.73968606	0.11719002	1	-0.3128553	0.56124474	1
PCMTD1	0.3927842	0.12398441	1	-0.1098533	0.45812107	1
PCMTD2	0.42592866	0.10393324	1	0.93384824	0.02177527	1
PCNA	0.2512682	0.86186892	1	-0.7808935	0.0913615	1
PCNP	-0.0860732	0.14450728	1	-0.6536589	0.30117752	1
PCNT	0.21620522	0.18475298	1	1.07457688	0.00021581	1
PCNX1	0.27137886	0.07796961	1	0.49990974	0.00185405	1
PCNX2	0.32149021	0.50205774	1	0.15229293	0.97232456	1
PCNX3	-2.1056674	0.44507282	1	-0.7047088	0.60652865	1
PCNX4	-0.0346569	0.44301597	1	0.25863178	0.31095703	1
PCOLCE	0.27443917	1	1	-8.7509836	0.11188911	1
PCOLCE2	0.27443917	1	1	1.26303441	1	1
PCP2	1.22963486	0.0809049	1	0.39269326	0.54462089	1
PCP4	0.27443917	1	1	1.26303441	1	1
PCP4L1	0.27443917	1	1	1.26303441	1	1
PCSK1	0.27443917	1	1	1.26303441	1	1
PCSK1N	-7.1050095	0.36779564	1	-9.9640481	0.03005553	1
PCSK2	0.27443917	1	1	1.26303441	1	1
PCSK4	-8.1774396	0.36779564	1	-6.0209494	0.52259551	1
PCSK5	-2.8807431	0.25076778	1	8.64034855	0.12281968	1
PCSK7	0.27604307	0.28193508	1	0.96226636	0.02168253	1
PCSK9	0.27443917	1	1	1.26303441	1	1
PCTP	1.22354535	0.08862035	1	0.62584664	0.23712571	1
PCYOX1	0.32271269	0.97745499	1	-0.8588848	0.07131723	1
PCYOX1L	-0.8227059	0.4226224	1	-1.0198076	0.29509127	1
PCYT1A	-0.617861	0.48215294	1	-0.2060265	0.55404027	1
PCYT1B	0.27443917	1	1	1.26303441	1	1
PCYT2	-0.706306	0.4699655	1	-1.1695703	0.14621449	1
PDAP1	-0.5066043	0.64970329	1	-1.202215	0.12429567	1
PDC	0.27443917	1	1	-5.9562946	0.52259551	1
PDCD1	8.10503671	0.12052946	1	0.38833098	0.36905242	1

PDCD10	-0.2494412	0.61223029	1	-0.8972645	0.00252059	1
PDCD11	0.1413625	0.75413474	1	-0.5340012	0.03384363	1
PDCD1LG2	-8.5265831	0.36779564	1	-7.7970266	0.52259551	1
PDCD2	0.51499067	0.96169167	1	-1.7813513	0.00272775	1
PDCD2L	0.78781285	0.45738523	1	-0.2152021	0.63952621	1
PDCD4	-0.0659349	0.55047008	1	-0.1770584	0.74747664	1
PDCD5	-1.3328389	0.13283835	1	-2.9660962	5.98E-07	0.01649959
PDCD6	-1.7025553	0.00820463	1	-2.4565696	1.33E-05	0.36653805
PDCD6IP	0.28927453	0.19434609	1	0.5930139	0.00971969	1
PDCD7	-0.0593758	0.42148562	1	-0.3989887	0.21035623	1
PDCL	-1.5228337	0.09867267	1	-2.042765	0.01902177	1
PDCL2	0.27443917	1	1	1.26303441	1	1
PDCL3	-0.6977121	0.83579048	1	-1.9290601	0.05890342	1
PDE10A	-7.4529774	0.36779564	1	1.26303441	1	1
PDE11A	9.40447785	0.12052946	1	0.72679076	0.59936951	1
PDE12	-3.6813192	0.0579345	1	-3.7215813	0.02201174	1
PDE1A	-0.9500243	0.90231962	1	1.21542432	0.52790957	1
PDE1B	-0.1618932	0.99148393	1	0.37019308	0.24457277	1
PDE1C	-8.4626833	0.36779564	1	-7.4576388	0.52259551	1
PDE2A	-0.2507736	0.73111606	1	3.5938894	0.00397179	1
PDE3A	-9.1468622	0.11486391	1	-6.7677968	0.52259551	1
PDE3B	-0.3892819	0.29564194	1	0.00892307	0.27960825	1
PDE4A	0.02468128	0.62552019	1	-0.0744036	0.84170338	1
PDE4B	0.14515311	0.78188595	1	0.23855138	0.98935093	1
PDE4C	0.037896	0.90231962	1	1.59467067	0.52223338	1
PDE4D	0.15265246	0.48701805	1	0.49418499	0.27030146	1
PDE5A	0.27443917	1	1	1.26303441	1	1
PDE6A	9.08949707	0.12052946	1	2.51094504	0.15452883	1
PDE6B	0.27443917	1	1	-7.3792526	0.52259551	1
PDE6C	0.27443917	1	1	-7.5842072	0.52259551	1
PDE6D	-0.9576602	0.19958535	1	-1.1003835	0.05019724	1
PDE6G	0.27443917	1	1	1.26303441	1	1
PDE6H	1.02073689	0.89260809	1	8.99378637	0.12281968	1
PDE7A	0.38460745	0.5215297	1	0.09656938	0.85943291	1
PDE7B	-0.9714694	0.0489925	1	-0.3596122	0.51291505	1
PDE8A	-0.4509074	0.29284466	1	0.58063864	0.10435454	1
PDE8B	0.18339741	0.82075644	1	-0.6604825	0.41029282	1
PDE9A	-0.2667402	0.66042009	1	0.87355878	0.01582886	1
PDF	-1.1044625	0.06640892	1	-0.4452323	0.20050571	1
PDGFA	-7.8808171	0.11486391	1	-9.68071	0.03889469	1
PDGFB	0.27443917	1	1	1.26303441	1	1
PDGFC	-2.9983855	0.00387297	1	-1.1383502	0.13465129	1
PDGFD	-1.7193901	0.05007489	1	-0.549214	0.7092041	1

PDGFRA	-8.4020936	0.36779564	1	1.26303441	1	1
PDGFRB	-0.67132	0.90231962	1	8.68194867	0.12281968	1
PDGFRL	7.33858656	0.2752184	1	8.3271818	0.12281968	1
PDHA1	-0.6076053	0.85897014	1	-0.667448	0.42547544	1
PDHB	-0.8760707	0.69155149	1	-1.0340994	0.06566934	1
PDHX	0.11320889	0.75161853	1	0.40784214	0.32928435	1
PDIA2	-9.81151	0.11486391	1	-8.6682392	0.1958879	1
PDIA3	-0.050931	0.77975635	1	-0.3922699	0.07547325	1
PDIA4	-0.3831617	0.79135332	1	-0.2993193	0.38894471	1
PDIA5	1.0692582	0.12000471	1	1.69919667	0.44141186	1
PDIA6	-0.6276315	0.40383668	1	-1.7816597	0.00026488	1
PDIK1L	-0.4967653	0.86503869	1	-1.3308423	0.49200677	1
PDILT	0.27443917	1	1	1.26303441	1	1
PDK1	0.04169497	0.56729593	1	0.48844722	0.39735843	1
PDK2	-8.8026112	0.11486391	1	-7.5659767	0.26373073	1
PDK3	0.03045166	0.6678026	1	0.06536321	0.73609614	1
PDK4	-0.6782205	0.68052236	1	3.96039742	0.52223338	1
PDLIM1	0.80378815	0.71044729	1	-0.5303411	0.40941502	1
PDLIM2	-0.0527886	0.52927975	1	-1.1796525	0.00194291	1
PDLIM3	0.27443917	1	1	1.26303441	1	1
PDLIM4	0.27443917	1	1	1.26303441	1	1
PDLIM5	-0.5042989	0.13053221	1	0.01621036	0.69975916	1
PDLIM7	1.20794429	0.31987037	1	0.30168873	0.79789968	1
PDP1	-0.0801667	0.81908362	1	0.49272528	0.78920817	1
PDP2	7.33858656	0.2752184	1	-0.3868435	0.52790957	1
PDPK1	0.36496541	0.55611076	1	-0.0770265	0.61733441	1
PDPN	0.27443917	1	1	-8.309583	0.52259551	1
PDPR	-0.4582534	0.60463561	1	0.68932458	0.45294234	1
PDRG1	-0.4223588	0.74969731	1	-0.7752736	0.22291092	1
PDS5A	0.16312151	0.42731867	1	0.19991208	0.57318512	1
PDS5B	-0.0536309	0.62414426	1	0.21803621	0.5628078	1
PDSS1	0.09542044	0.464696	1	0.46382541	0.99645301	1
PDSS2	0.25762602	0.51406126	1	0.62400515	0.0212567	1
PDXDC1	-0.3201481	0.98022573	1	0.344701	0.53164737	1
PDXK	-0.3454932	0.74969731	1	-0.1306309	0.92099358	1
PDZD11	-0.6302686	0.68052236	1	-3.7115877	0.00179037	1
PDZD2	-0.4802485	0.78682126	1	-0.7418323	0.40958728	1
PDZD3	0.27443917	1	1	1.26303441	1	1
PDZD4	-8.4020936	0.36779564	1	1.26303441	1	1
PDZD7	0.27443917	1	1	1.26303441	1	1
PDZD8	-0.2551815	0.60925746	1	0.29052442	0.31453024	1
PDZD9	-8.3316009	0.36779564	1	-8.9606402	0.11188911	1
PDZK1	-0.6175507	0.28740356	1	-0.9936795	0.04743105	1

PDZK1IP1	0.27443917	1	1	1.26303441	1	1
PDZRN3	-1.2855475	0.02477963	1	0.5004889	0.85535331	1
PDZRN4	0.27443917	1	1	1.26303441	1	1
PEA15	9.08882202	0.12052946	1	0.38852453	0.82989806	1
PEAK1	-0.559032	0.74923959	1	-0.2119415	0.83608402	1
PEAK3	1.12154365	0.23243735	1	-0.4383077	0.97958058	1
PEAR1	0.27443917	1	1	-5.9873876	0.52259551	1
PEBP1	1.90090358	0.02940643	1	-0.5750926	0.60364047	1
PEBP4	0.27443917	1	1	1.26303441	1	1
PECAM1	0.43083128	0.11181503	1	0.23436441	0.54600119	1
PECR	-0.7079959	0.56020917	1	-2.4579288	0.08013456	1
PEF1	2.46312659	0.00409571	1	0.10155995	0.25502254	1
PEG10	0.27443917	1	1	1.26303441	1	1
PEG3	0.27443917	1	1	1.26303441	1	1
PELI1	0.34628387	0.12135686	1	-0.012987	0.95712612	1
PELI2	-0.0009971	0.4986544	1	1.18556011	0.00324384	1
PELI3	-5.3209596	0.36779564	1	-6.5447385	0.52259551	1
PELO	1.01127679	0.50663218	1	-0.8548388	0.50219532	1
PELP1	-0.2285232	0.94889156	1	-0.1641792	0.56187216	1
PEMT	-0.2678573	0.67818627	1	1.06948675	0.45587895	1
PENK	0.27443917	1	1	1.26303441	1	1
PEPD	-0.7854216	0.62888645	1	-1.2584641	0.02945258	1
PER1	-0.318966	0.7173022	1	-0.6564925	0.59983621	1
PER2	0.89982649	0.16615441	1	1.5246428	0.12437574	1
PER3	0.21641723	0.51400917	1	0.90823609	0.10624605	1
PERM1	0.27443917	1	1	-5.3327267	0.52259551	1
PERP	-8.1905591	0.36779564	1	-9.0683078	0.11188911	1
PES1	1.37533138	0.31385869	1	0.76089641	0.58423664	1
PET100	0.06277766	0.50868717	1	-1.7283682	1.13E-05	0.31172824
PET117	-0.2312021	0.48097094	1	-0.5903917	0.34725899	1
PEX1	0.17172327	0.66429651	1	-0.5835155	0.11648555	1
PEX10	-0.0297808	0.94889156	1	-0.6455527	0.62769229	1
PEX11A	-0.7528779	0.68052236	1	-0.7594563	0.8409801	1
PEX11B	0.8783358	0.83770648	1	-0.1389203	0.79732102	1
PEX11G	-9.0598098	0.19965135	1	-7.5019293	0.52259551	1
PEX12	0.27443917	1	1	-5.7509846	0.3629285	1
PEX13	-0.5231928	0.62514057	1	0.24030153	0.62428553	1
PEX14	-0.0613305	0.5194722	1	0.23747336	0.5412846	1
PEX16	-0.63832	0.19524636	1	-0.9381613	0.06019725	1
PEX19	0.05823705	0.80120371	1	0.40805059	0.85103308	1
PEX2	-0.961198	0.57247998	1	-0.3708128	0.80808142	1
PEX26	0.27454088	0.51128807	1	-0.2915421	0.62897303	1
PEX3	0.83202343	0.12882372	1	0.64244041	0.1596084	1

PEX5	-9.6793128	0.11486391	1	-9.2853477	0.1958879	1	
PEX5L	0.27443917	1	1	1.26303441	1	1	
PEX6	0.1128984	0.70539858	1	0.19409484	0.87198235	1	
PEX7	0.11293708	0.49243627	1	-0.0853981	0.64261998	1	
PF4V1	0.27443917	1	1	1.26303441	1	1	
PFAS	-0.5597518	0.80862687	1	1.63465669	0.59936951	1	
PFDN1	0.4546228	0.88176592	1	0.04969352	0.13409795	1	
PFDN2	-1.0328874	0.09268547	1	-1.4935187	0.0001744	1	
PFDN4	-1.5190661	0.25400575	1	-2.9984054	0.00251911	1	
PFDN5	0.36344917	0.5714898	1	-1.9626749	8.04E-16	2.22E-11	
PFDN6	0.63685851	0.50580519	1	-0.7304145	0.04594436	1	
PFKFB1	0.27443917	1	1	1.26303441	1	1	
PFKFB2	-8.604502	0.11486391	1	-7.6115907	0.52259551	1	
PFKFB3	-0.0771113	0.89895436	1	0.41357201	0.20627535	1	
PFKFB4	-9.6392358	0.11486391	1	-8.8909003	0.1474095	1	
PFKL	-0.0275683	0.77300109	1	0.17123061	0.93039233	1	
PFKM	1.50036441	0.45132853	1	-0.5473381	0.63952621	1	
PFKP	0.25882096	0.65219524	1	0.23358984	0.75299099	1	
PFN1	-0.3324569	0.79451347	1	-1.9916947	1.00E-10	2.77E-06	
PFN2	-1.3239511	0.41759769	1	-2.6192472	0.08076526	1	
PFN4	8.47283533	0.2752184	1	9.46143056	0.12281968	1	
PGA4	0.27443917	1	1	1.26303441	1	1	
PGAM1	2.46118301	0.15391423	1	-1.0413828	0.33412023	1	
PGAM2	-8.4702383	0.19965135	1	-6.1415557	0.52259551	1	
PGAM5	1.20309058	0.19020863	1	2.00359681	0.06220656	1	
PGAP1	-0.4755335	0.44215519	1	0.53036898	0.4875024	1	
PGAP2	0.14098371	0.68789913	1	-2.2437961	0.10515972	1	
PGAP3	-1.0657326	0.41759769	1	-1.7385986	0.17493326	1	
PGBD1	-1.0438905	0.32015878	1	-0.2439694	0.87601069	1	
PGBD2	-8.1649368	0.36779564	1	1.26303441	1	1	
PGBD2-1	0.27443917	1	1	1.26303441	1	1	
PGBD4	7.66556535	0.2752184	1	-0.1147675	0.88397598	1	
PGBD5	-8.5256225	0.36779564	1	-6.3888789	0.52259551	1	
PGC	0.27443917	1	1	-6.9944646	0.3629285	1	
PGD	-1.5727987	0.03147449	1	-1.0621947	0.10836686	1	
PGF	0.27443917	1	1	1.26303441	1	1	
PGGHG	1.29055405	0.59934084	1	1.90473008	0.09650844	1	
PGGT1B	-0.0733628	0.53231652	1	-0.2587149	0.48573455	1	
PGK1	-1.0475707	0.42047762	1	-2.5125866	9.07E-07	0.02502358	
PGLS	0.15989976	0.87595827	1	-0.5358376	0.14242308	1	
PGLYRP1	0.27443917	1	1	1.26303441	1	1	
PGLYRP2	0.27443917	1	1	1.26303441	1	1	
PGLYRP3	9.01401469	0.2752184	1	10.0026099	0.12281968	1	

PGLYRP4	0.27443917	1	1	1.26303441	1	1
PGM1	-0.935938	0.26393033	1	-0.2694684	0.77923612	1
PGM2	-0.719345	0.87103582	1	-0.8610504	0.13888812	1
PGM2L1	-0.360378	0.83962343	1	-0.6784109	0.29367532	1
PGM3	-0.2848809	0.5092118	1	-0.4811525	0.20368105	1
PGM5	0.27443917	1	1	-6.8946328	0.3629285	1
PGP	0.56561335	0.84972581	1	-1.5441011	0.01133586	1
PGPEP1	-2.782958	0.04078142	1	-2.1409195	0.10016726	1
PGPEP1L	0.27443917	1	1	1.26303441	1	1
PGR	0.27443917	1	1	1.26303441	1	1
PGRMC1	0.55974155	0.68613423	1	-1.53499	0.11407867	1
PGRMC2	-0.3254724	0.76648696	1	-0.1243943	0.81734908	1
PGS1	0.01183895	0.66307959	1	-0.0112745	0.99747787	1
PHACTR1	-0.4176897	0.9484975	1	-0.3915858	0.75978588	1
PHACTR2	-0.3528569	0.82434876	1	0.52496657	0.21288173	1
PHACTR3	-6.0587014	0.36779564	1	1.26303441	1	1
PHACTR4	-0.3308831	0.14411776	1	-0.1263088	0.66044893	1
PHAX	-0.7439222	0.91640378	1	-1.7088611	0.01051057	1
PHB	-0.0842431	0.8508062	1	-0.8802953	0.05345303	1
PHB2	-0.4595686	0.82075644	1	-0.9204295	0.26113503	1
PHC1	2.33520646	0.01843002	1	-0.242114	0.87993434	1
PHC2	-0.2070545	0.72240207	1	0.14917581	0.75591859	1
PHC3	0.29633544	0.25637471	1	0.28284584	0.11060489	1
PHETA1	0.27443917	1	1	-7.0105489	0.3629285	1
PHETA2	0.09292291	0.90231962	1	0.95182397	0.52790957	1
PHEX	1.31310287	0.23586417	1	0.68645887	0.27157795	1
PHF1	-0.6233284	0.54034484	1	0.00189327	0.51348279	1
PHF10	-0.0361683	0.95168752	1	-0.0257158	0.90907054	1
PHF11	-1.8179573	0.00294915	1	-1.8893364	0.00096175	1
PHF12	1.19899383	0.02361802	1	0.60619876	0.06692597	1
PHF13	8.68570995	0.2752184	1	0.65451863	0.85548905	1
PHF14	-0.4868345	0.73554563	1	0.12794209	0.70672484	1
PHF19	-1.0608209	0.30516274	1	-1.6306942	0.03473328	1
PHF2	0.24512366	0.20349029	1	0.97327104	0.01815816	1
PHF20	-0.2219859	0.91733516	1	0.21984357	0.42269321	1
PHF20L1	-0.3419605	0.94447664	1	0.39352698	0.57433569	1
PHF21A	-0.3085995	0.35366842	1	0.10768922	0.65018972	1
PHF21B	0.27443917	1	1	1.26303441	1	1
PHF23	-1.1555286	0.2572727	1	-3.2556414	0.00849897	1
PHF24	-10.425356	0.11486391	1	-7.8049935	0.3629285	1
PHF3	-0.2436944	0.40218337	1	0.14866294	0.82563439	1
PHF5A	-0.5574892	0.56290274	1	-1.3993216	0.00976716	1
PHF6	0.52202916	0.52076176	1	0.00666163	0.92099139	1

PHF7	-0.4980177	0.80601313	1	0.25999087	0.47480426	1
PHF8	-0.0764523	0.72239136	1	0.55353263	0.19849716	1
PHGDH	-1.8490446	0.41260835	1	-1.8334728	0.64032309	1
PHIP	0.19534241	0.09695363	1	0.3094035	0.02817945	1
PHKA1	0.12590421	0.39034853	1	0.71714864	0.12069114	1
PHKA2	-2.4435162	0.10001411	1	-3.1932732	0.02277284	1
PHKB	-0.0663354	0.73328959	1	-0.4674674	0.34611389	1
PHKG1	0.27443917	1	1	1.26303441	1	1
PHKG2	0.08184964	0.73230397	1	-0.2315245	0.54370106	1
PHLDA1	0.24182166	0.52964575	1	2.05559025	0.14567951	1
PHLDA2	-0.5294472	0.68789913	1	-1.1210685	0.17618857	1
PHLDA3	-9.710352	0.04066178	1	-9.8791541	0.03005553	1
PHLDB1	-0.9176849	0.90231962	1	-0.4674463	0.64428388	1
PHLDB2	0.90648269	0.34684664	1	1.57245811	0.02444094	1
PHLDB3	-2.7726376	0.05876115	1	-1.7567376	0.13504805	1
PHLPP1	0.39903147	0.35870498	1	0.86129266	0.00593198	1
PHLPP2	-0.670567	0.77614628	1	-0.7803056	0.37157082	1
PHOSPHO1	0.27443917	1	1	1.26303441	1	1
PHOSPHO2	-1.7858258	0.54111927	1	-2.5985281	0.09705653	1
PHOX2A	7.24458084	0.2752184	1	8.23317608	0.12281968	1
PHPT1	-0.6963061	0.5150788	1	-1.921765	0.00053631	1
PHRF1	0.20743698	0.26131926	1	0.83424204	0.06957679	1
PHTF1	-0.3242854	0.70760517	1	0.21400591	0.9760347	1
PHTF2	0.22573206	0.42756626	1	0.81586192	0.08407744	1
PHYH	-0.6896711	0.41759769	1	-1.7072297	0.22537795	1
PHYHD1	2.4912647	0.08227092	1	2.85821051	0.0292952	1
PHYHIPL	0.27443917	1	1	1.26303441	1	1
PHYKPL	-0.9403049	0.42508307	1	-0.4999085	0.29191643	1
PI15	0.27443917	1	1	1.26303441	1	1
PI16	0.27443917	1	1	1.26303441	1	1
PI3	0.27443917	1	1	-8.3305527	0.52259551	1
PI4K2A	-0.5126143	0.48215294	1	-0.4444673	0.09245887	1
PI4K2B	-0.3499568	0.72979874	1	0.51766549	0.44241292	1
PI4KA	-0.4075502	0.63837955	1	0.50705511	0.22228769	1
PI4KB	-0.8508304	0.07359387	1	0.36594745	0.55972296	1
PIANP	0.27443917	1	1	1.26303441	1	1
PIAS1	-0.5661082	0.02874343	1	-0.2068277	0.3964728	1
PIAS2	0.02632562	0.41209631	1	-0.1252888	0.73371406	1
PIAS3	0.72331162	0.80799068	1	-0.7060733	0.50219532	1
PIAS4	1.19164305	0.22530378	1	0.80848118	0.21766908	1
PIBF1	-0.6799841	0.22530276	1	0.1247984	0.6903664	1
PICALM	-0.1447156	0.39375659	1	0.318981	0.01793452	1
PICK1	0.83331263	0.89260809	1	-0.2331085	0.49657976	1

PID1	-8.1246764	0.36779564	1	-9.2885137	0.26373073	1
PIDD1	0.27443917	1	1	-7.393585	0.3629285	1
PIEZO1	-0.1390949	0.71716916	1	-0.0947499	0.36415647	1
PIEZO2	0.48947289	0.89260809	1	1.21308688	0.65223573	1
PIF1	7.33858656	0.2752184	1	-0.115684	0.52790957	1
PIFO	0.27443917	1	1	-10.437091	0.01801327	1
PIGA	-0.6115011	0.33674246	1	-0.838248	0.19340051	1
PIGB	0.33162201	0.81578846	1	0.21622981	0.86146516	1
PIGC	0.05233058	0.51668413	1	-1.3419341	0.17895286	1
PIGF	-0.5198642	0.71167767	1	-0.9907252	0.13656605	1
PIGG	-0.6823842	0.33944107	1	0.00448125	0.89005105	1
PIGH	-1.0394189	0.5506235	1	0.16357384	0.96635635	1
PIGK	1.17298876	0.15821953	1	0.08850417	0.43703787	1
PIGL	0.18308468	0.59834539	1	0.56362143	0.95130434	1
PIGM	0.76679102	0.1657316	1	0.20512136	0.08504045	1
PIGN	-0.3803816	0.42880433	1	0.48090427	0.71062089	1
PIGO	0.63787287	0.89260809	1	-0.8074667	0.29307123	1
PIGP	0.53140765	0.78204296	1	-0.1691113	0.42453427	1
PIGQ	-2.1607468	0.67317602	1	0.11140699	0.88397598	1
PIGR	-7.7213779	0.36779564	1	-8.2733761	0.26373073	1
PIGS	0.92524332	0.04840981	1	-0.2419155	0.65198321	1
PIGT	-1.4298627	0.34967168	1	-0.7887963	0.38478378	1
PIGU	-1.5751227	0.02649565	1	-0.7207758	0.22090648	1
PIGV	2.64241922	0.02318901	1	1.19182616	0.02101918	1
PIGW	8.10503671	0.12052946	1	0.55850709	0.6070784	1
PIGX	-1.5922539	0.15744583	1	-0.8360922	0.33541949	1
PIGY	0.27443917	1	1	1.26303441	1	1
PIGZ	0.27443917	1	1	1.26303441	1	1
PIH1D1	-0.0319668	0.70207794	1	-1.5602804	0.00260239	1
PIH1D2	0.27443917	1	1	-6.1121484	0.52259551	1
PIH1D3	0.27443917	1	1	-5.4769618	0.3629285	1
PIK3AP1	-0.3480721	0.06869554	1	0.36518658	0.71694437	1
PIK3C2A	-0.050928	0.95176965	1	0.64688902	0.19106855	1
PIK3C2B	0.42887512	0.19932175	1	0.77883131	0.07428667	1
PIK3C2G	0.27443917	1	1	1.26303441	1	1
PIK3C3	-0.1476269	0.60206419	1	0.0913791	0.7023864	1
PIK3CA	0.16370897	0.86205863	1	0.7442911	0.16877364	1
PIK3CB	-0.015131	0.49261661	1	0.32449313	0.77848827	1
PIK3CD	-0.2264996	0.55248224	1	0.21612893	0.7004698	1
PIK3CG	-0.0277383	0.80463429	1	0.02023257	0.8187526	1
PIK3IP1	-0.0980243	0.51219492	1	-0.4149376	0.11687954	1
PIK3R1	-0.1323012	0.42312033	1	-0.1664591	0.07371515	1
PIK3R2	-0.1652656	0.68789913	1	-1.9618184	0.28706691	1

PIK3R3	-0.0529465	0.52003827	1	1.3105385	0.04613573	1
PIK3R4	-0.1979441	0.92882495	1	0.35756482	0.5139018	1
PIK3R5	-0.1497979	0.96398519	1	0.35174922	0.06661923	1
PIK3R6	-0.0330291	0.81578846	1	1.14967422	0.41484595	1
PIKFYVE	-0.419528	0.07110579	1	0.49383615	0.24540259	1
PILRA	-1.4521184	0.15910718	1	-2.1368421	0.06395824	1
PILRB	0.86716785	0.11333638	1	0.70769387	0.47923928	1
PIM1	8.66246221	0.2752184	1	2.39237334	0.52223338	1
PIM2	0.47901018	0.37330339	1	0.03017981	0.76372931	1
PIM3	-9.9351343	0.06784723	1	-10.018025	0.01082624	1
PIMREG	0.27443917	1	1	1.26303441	1	1
PIN1	0.35020329	0.69215031	1	-0.7571791	0.01945964	1
PIN4	-0.3619331	0.90498006	1	-1.7723953	0.11407867	1
PINK1	-1.702484	0.2253508	1	-1.4838073	0.18450952	1
PINLYP	0.27443917	1	1	1.26303441	1	1
PINX1	0.85129748	0.53587411	1	-0.0681226	0.72699811	1
PIP	0.27443917	1	1	-6.1364918	0.52259551	1
PIP4K2A	0.16274233	0.3400785	1	0.52827305	0.00159649	1
PIP4K2B	-0.8190669	0.39148417	1	0.10700132	0.8338306	1
PIP4K2C	0.96785014	0.10012284	1	0.34490928	0.80108133	1
PIP4P1	0.79618231	0.76775801	1	0.81971794	0.448452	1
PIP4P2	0.38672954	0.85135027	1	3.63377003	0.15452883	1
PIP5K1A	-0.3127161	0.45751096	1	0.10677064	0.41611784	1
PIP5K1B	1.68433563	0.12000471	1	1.23804124	0.30988008	1
PIP5K1C	-0.3393638	0.79956028	1	0.63266153	0.43762199	1
PIP5KL1	0.9455239	0.31385869	1	-0.1455705	0.49335715	1
PIPOX	0.27443917	1	1	1.26303441	1	1
PIR	-8.0987096	0.19965135	1	-6.3210354	0.3629285	1
PIRT	-5.3209596	0.36779564	1	1.26303441	1	1
PISD	-1.0933038	0.16751538	1	0.14981817	0.71971527	1
PITHD1	0.1199733	0.91060767	1	-0.7386539	0.1453383	1
PITPNA	-0.3151422	0.64791552	1	0.34488474	0.10851934	1
PITPNB	-0.1235948	0.84807814	1	-0.0305618	0.98308127	1
PITPNC1	-0.1192348	0.51029238	1	0.32298073	0.00352229	1
PITPNM1	-0.4535849	0.93445604	1	-0.2394171	0.69820998	1
PITPNM2	0.29957922	0.3987049	1	0.91328493	0.14681656	1
PITPNM3	-5.4928051	0.36779564	1	-8.2509187	0.26373073	1
PITRM1	0.0446315	0.74214717	1	0.36038497	0.65188616	1
PITX1	0.27443917	1	1	-5.9768042	0.52259551	1
PIWIL1	-8.5598843	0.11486391	1	-7.9669689	0.26373073	1
PIWIL2	-1.4729126	0.67317602	1	7.79128045	0.12281968	1
PIWIL3	0.27443917	1	1	1.26303441	1	1
PIWIL4	0.27443917	1	1	1.26303441	1	1

PJA1	8.23385471	0.12052946	1	-0.9316169	0.84965556	1
PJA2	-0.2932053	0.49248687	1	-0.1251029	0.43739678	1
PJVK	-2.5445341	0.67317602	1	-3.026817	0.16875666	1
PKD1	-0.9277508	0.84137633	1	-1.0228623	0.59446553	1
PKD1L1	0.27443917	1	1	1.26303441	1	1
PKD1L2	8.62079614	0.2752184	1	9.60939138	0.12281968	1
PKD1L3	-7.9999019	0.19965135	1	-8.9242938	0.26373073	1
PKD2	0.06556233	0.81908362	1	0.41980857	0.7924009	1
PKD2L1	0.27443917	1	1	1.26303441	1	1
PKD2L2	-0.1578312	0.7376692	1	-1.2946751	0.03553637	1
PKDCC	0.27443917	1	1	1.26303441	1	1
PKDREJ	0.27443917	1	1	1.26303441	1	1
PKHD1	0.27443917	1	1	1.26303441	1	1
PKHD1L1	0.27443917	1	1	1.26303441	1	1
PKIA	-2.7730843	0.67317602	1	-4.0131853	0.04734091	1
PKIB	-1.1607174	0.66989712	1	0.44103744	0.46326699	1
PKIG	1.60315621	0.49668398	1	0.20153503	0.96074344	1
PKLR	0.27443917	1	1	1.26303441	1	1
PKM	-0.5959973	0.18145011	1	-0.6480101	0.0329992	1
PKMYT1	0.27443917	1	1	1.26303441	1	1
PKN1	-0.3289863	0.16840968	1	-0.7065138	0.06006448	1
PKN2	-0.2513192	0.20190836	1	0.11464267	0.30051046	1
PKN3	0.27443917	1	1	-6.4547231	0.52259551	1
PKNOX1	0.60572176	0.04419309	1	0.78028004	0.03774267	1
PKNOX2	1.50987022	0.51147027	1	2.20427769	0.10291052	1
PKP1	0.27443917	1	1	1.26303441	1	1
PKP2	0.25700166	0.53302764	1	1.45118373	0.19758285	1
PKP4	1.16962735	0.84452255	1	3.87263798	0.35926299	1
PLA1A	0.27443917	1	1	-7.8200415	0.3629285	1
PLA2G12A	-1.0080071	0.58078681	1	-1.3726268	0.155361	1
PLA2G12B	0.27443917	1	1	1.26303441	1	1
PLA2G15	-2.6887662	0.00414937	1	-1.3756171	0.13060842	1
PLA2G1B	0.27443917	1	1	1.26303441	1	1
PLA2G2C	0.27443917	1	1	1.26303441	1	1
PLA2G2D	-8.1774396	0.36779564	1	-7.4581288	0.3629285	1
PLA2G2F	7.14873999	0.2752184	1	-1.4796426	0.64032309	1
PLA2G3	0.27443917	1	1	1.26303441	1	1
PLA2G4A	0.55060938	0.53736775	1	1.03742385	0.92078628	1
PLA2G4B	0.52189208	0.52473907	1	1.30500884	0.25715576	1
PLA2G4D	8.3620137	0.12052946	1	3.70452274	0.15452883	1
PLA2G4E	0.27443917	1	1	1.26303441	1	1
PLA2G4F	0.27443917	1	1	1.26303441	1	1
PLA2G5	-5.9776946	0.36779564	1	-6.7113859	0.52259551	1

PLA2G6	0.47942808	0.52795773	1	1.17179213	0.53718179	1
PLA2G7	-7.9030652	0.36779564	1	-8.794012	0.1958879	1
PLA2R1	0.27443917	1	1	1.26303441	1	1
PLAA	-0.82943	0.16174308	1	-0.5166667	0.51163953	1
PLAAT1	0.27443917	1	1	1.26303441	1	1
PLAAT2	-8.1755388	0.19965135	1	-7.9658531	0.26373073	1
PLAAT3	-1.0968074	0.02662074	1	-2.2438515	8.09E-07	0.02233079
PLAAT4	-0.5452109	0.44452693	1	-2.0657782	0.00129722	1
PLAAT5	0.27443917	1	1	1.26303441	1	1
PLAC1	0.27443917	1	1	1.26303441	1	1
PLAC8	-2.5043964	7.95E-06	0.21943095	-2.7374718	9.34E-09	0.00025766
PLAC8L1	7.24458084	0.2752184	1	-2.0387884	0.28905906	1
PLAC9	0.27443917	1	1	1.26303441	1	1
PLAC9-1	0.27443917	1	1	1.26303441	1	1
PLAG1	-9.8462303	0.11486391	1	-9.6609349	0.1958879	1
PLAGL1	0.39159901	0.35372406	1	0.04759026	0.61450297	1
PLAGL2	0.48184262	0.97656842	1	1.38461241	0.585644	1
PLAT	-6.8152308	0.36779564	1	-6.6220817	0.52259551	1
PLAU	-9.9456787	0.06784723	1	-10.45161	0.01082624	1
PLAUR	-1.0757907	0.22368746	1	-1.110485	0.10033815	1
PLB1	0.27443917	1	1	-8.0663405	0.1958879	1
PLBD1	-9.7897228	0.11486391	1	-9.8336547	0.05042498	1
PLBD2	0.28628339	0.81353247	1	1.93848212	0.26286061	1
PLCB1	-0.4341518	0.68248905	1	0.44449767	0.46897204	1
PLCB2	0.72430533	0.35133843	1	0.96113646	0.21483032	1
PLCB3	-2.4825006	0.40765452	1	-0.4286089	0.64825479	1
PLCB4	7.64773019	0.2752184	1	1.13685252	0.52790957	1
PLCD1	-3.9405316	0.02202979	1	-2.6631405	0.1036209	1
PLCD3	-9.1583765	0.36779564	1	-6.8633477	0.3629285	1
PLCD4	0.21389707	0.72456012	1	-0.1556417	0.87767264	1
PLCE1	-2.1568559	0.40765452	1	-1.451622	0.63637252	1
PLCG1	0.02267818	0.66020421	1	0.48191078	0.08465257	1
PLCG2	-0.4203648	0.03897936	1	0.42005551	0.45230898	1
PLCH1	-2.2803899	0.40765452	1	0.68443466	0.88397598	1
PLCH2	0.27443917	1	1	-7.3621478	0.52259551	1
PLCL1	-0.0442315	0.77149457	1	0.38593507	0.46112067	1
PLCL2	0.16266208	0.28756156	1	0.57794595	0.0039342	1
PLCXD1	0.30787825	0.77727287	1	0.96798441	0.319858	1
PLCXD2	0.31653602	0.9903368	1	0.3892019	0.542963	1
PLCXD3	0.27443917	1	1	1.26303441	1	1
PLCZ1	0.27443917	1	1	1.26303441	1	1
PLD1	0.46488624	0.67701432	1	0.53832791	0.63839242	1
PLD2	-0.1868145	0.38135626	1	0.7895826	0.82595901	1

PLD3	-0.2355778	0.3354572	1	-0.3791719	0.98619037	1
PLD4	0.27443917	1	1	-3.4115773	0.52259551	1
PLD5	-8.7130408	0.19965135	1	-8.9830147	0.26373073	1
PLD6	0.27443917	1	1	1.26303441	1	1
PLEC	-0.6468351	0.24650421	1	-0.0964274	0.92883338	1
PLEK	-10.381464	0.00910616	1	-11.280413	0.00235352	1
PLEK2	0.27443917	1	1	1.26303441	1	1
PLEKHA1	-0.6700957	0.49255924	1	-0.4816574	0.10121538	1
PLEKHA2	0.33034663	0.03510936	1	0.64718015	0.00052362	1
PLEKHA3	-0.6544296	0.33867119	1	-0.2337041	0.33950122	1
PLEKHA4	0.27443917	1	1	-6.3189758	0.3629285	1
PLEKHA5	0.42848478	0.48155252	1	0.66885431	0.3042236	1
PLEKHA6	7.06868348	0.2752184	1	0.89164812	0.52790957	1
PLEKHA7	-0.7047408	0.68052236	1	2.38523999	0.52223338	1
PLEKHA8	0.82427616	0.13686113	1	1.18453491	0.14456593	1
PLEKHB1	-5.9776946	0.36779564	1	-8.3791728	0.26373073	1
PLEKHB2	-0.9157726	0.05710037	1	-0.6503217	0.11561981	1
PLEKHD1	0.86153209	0.89260809	1	1.75744221	0.52223338	1
PLEKHF1	-1.09707	0.89972832	1	-2.0972688	0.03530644	1
PLEKHF2	0.20092678	0.93990124	1	-0.3556981	0.28741741	1
PLEKHG1	0.0212425	0.67214594	1	1.03891885	0.00178255	1
PLEKHG2	1.40791769	0.13362549	1	1.67127769	0.00737555	1
PLEKHG3	-0.5173162	0.80601313	1	0.01209746	0.62121576	1
PLEKHG4	0.27443917	1	1	-7.1813296	0.52259551	1
PLEKHG4B	0.27443917	1	1	1.26303441	1	1
PLEKHG5	-8.2569348	0.19965135	1	-5.6072788	0.52259551	1
PLEKHG6	0.27443917	1	1	1.26303441	1	1
PLEKHG7	2.41187011	0.22569004	1	-1.7811871	0.13554934	1
PLEKHH1	7.91092312	0.2752184	1	0.58637364	0.52790957	1
PLEKHH2	-0.6110227	0.56020917	1	1.01335249	0.82595901	1
PLEKHH3	-6.0587014	0.36779564	1	-7.1858337	0.52259551	1
PLEKHJ1	-0.7443517	0.33394081	1	-2.5964613	0.00122929	1
PLEKHM1	0.26308056	0.14481564	1	0.47334087	0.23384726	1
PLEKHM2	0.10513395	0.96224177	1	-0.1614139	0.2779433	1
PLEKHM3	-0.0217445	0.75570119	1	0.36767224	0.50668243	1
PLEKHN1	0.4770646	0.4634873	1	0.29262482	0.6070784	1
PLEKHO1	1.96169108	0.10651275	1	-1.0200974	0.35125135	1
PLEKHO2	-0.7693233	0.38431244	1	-0.6876935	0.45733201	1
PLEKHS1	-0.0372142	0.4634873	1	0.35699672	0.96635635	1
PLET1	0.27443917	1	1	1.26303441	1	1
PLG	0.27443917	1	1	1.26303441	1	1
PLGRKT	-0.0362752	0.41289523	1	0.15756069	0.45326817	1
PLIN1	0.00964985	0.82075644	1	-0.8008212	0.95141927	1

PLIN3	-2.0873074	0.41260835	1	-1.4794297	0.29106049	1
PLIN4	-0.2531058	0.68052236	1	8.69888523	0.12281968	1
PLIN5	0.27443917	1	1	-5.8736835	0.52259551	1
PLK1	-1.1071415	0.58416912	1	-0.4162961	0.87030959	1
PLK2	-8.5987593	0.11486391	1	-7.308125	0.26373073	1
PLK3	-2.1833583	0.67317602	1	-2.1344197	0.28905906	1
PLK4	-0.439955	0.82075644	1	0.58394978	0.37235208	1
PLK5	0.27443917	1	1	-6.1610132	0.52259551	1
PLLP	7.66484764	0.2752184	1	8.65344288	0.12281968	1
PLN	0.12653205	0.90231962	1	-1.0590152	0.49657976	1
PLOD1	-9.2761823	0.04066178	1	-9.4202524	0.11188911	1
PLOD2	8.81168707	0.2752184	1	-0.2031172	0.49338433	1
PLOD3	-0.9372549	0.80601313	1	0.54063589	0.7524457	1
PLP2	0.33298167	0.7400824	1	-1.7924151	4.17E-07	0.01151753
PLPBP	0.60831457	0.62910864	1	0.22615943	0.99540324	1
PLPP1	-0.4059994	0.45943696	1	-0.5913027	0.40091659	1
PLPP2	-0.4642493	0.58582122	1	-0.9929258	0.33247764	1
PLPP3	-1.6831152	0.25400575	1	-0.8908892	0.49338433	1
PLPP4	-7.9723255	0.36779564	1	-6.8796385	0.52259551	1
PLPP5	0.07038892	0.55201296	1	0.80471667	0.15809674	1
PLPP6	-0.9576601	0.90231962	1	-1.4279107	0.48702665	1
PLPP7	-6.0587014	0.36779564	1	-6.0490697	0.3629285	1
PLPPR1	0.27443917	1	1	1.26303441	1	1
PLPPR2	0.61963878	0.89260809	1	1.53113222	0.52223338	1
PLPPR3	1.33279837	0.50164502	1	1.92371059	0.26286061	1
PLPPR4	0.27443917	1	1	1.26303441	1	1
PLPPR5	0.27443917	1	1	1.26303441	1	1
PLRG1	0.57941136	0.19258749	1	-0.5083833	0.85365433	1
PLS1	0.5440471	0.89260809	1	0.76801746	0.65223573	1
PLS3	-0.1616099	0.56503214	1	1.11152909	0.60321842	1
PLSCR1	-1.6107986	0.01835297	1	-0.8491143	0.3072432	1
PLSCR2	0.27443917	1	1	1.26303441	1	1
PLSCR3	-9.0912728	0.06784723	1	-9.7664904	0.01801327	1
PLSCR4	0.1001234	0.85818915	1	2.57484623	0.15452883	1
PLSCR5	0.27443917	1	1	-6.8893877	0.52259551	1
PLTP	-8.1141999	0.19965135	1	-9.5151552	0.03889469	1
PLVAP	0.27443917	1	1	1.26303441	1	1
PLXDC1	0.27443917	1	1	1.26303441	1	1
PLXDC2	-1.5575097	0.00713926	1	-1.0276852	0.21014763	1
PLXNA1	8.92074678	0.2752184	1	9.90934202	0.12281968	1
PLXNA2	0.29130953	0.37476401	1	1.49606118	0.0550821	1
PLXNA3	1.11180453	0.31987037	1	1.32888412	0.14677281	1
PLXNA4	-6.7958073	0.36779564	1	1.26303441	1	1

PLXNB1	-6.3243319	0.36779564	1	1.26303441	1	1
PLXNB2	-0.5914711	0.83579048	1	0.90313468	0.77965139	1
PLXNB3	0.27443917	1	1	1.26303441	1	1
PLXNC1	-0.3213392	0.601721	1	-0.0022093	0.50200184	1
PLXND1	0.28130231	0.38298631	1	-0.2337747	0.78220735	1
PM20D1	0.27443917	1	1	1.26303441	1	1
PM20D2	-0.5442972	0.5889279	1	-0.48672	0.88169637	1
PMAIP1	-0.1686435	0.69684661	1	-0.1211091	0.91615309	1
PMEL	-0.168328	0.4226224	1	-3.2843885	0.03724118	1
PMEPA1	-0.6003106	0.75177933	1	0.54266	0.33516971	1
PMFBP1	0.27443917	1	1	1.26303441	1	1
PML	-0.5684173	0.27367418	1	1.69269423	0.00321144	1
PMM1	1.18981605	0.08906382	1	-0.4975402	0.99211337	1
PMM2	0.14326686	0.60785385	1	-0.0747909	0.71338619	1
PMP2	0.27443917	1	1	1.26303441	1	1
PMP22	0.27443917	1	1	-6.6528927	0.3629285	1
PMPCA	0.72113979	0.17352694	1	-0.0760887	0.74615502	1
PMPCB	0.81695773	0.30900706	1	-0.0315147	0.6252732	1
PMS1	0.3607684	0.57815291	1	0.41961205	0.58102528	1
PMS2	-2.2743952	0.15700157	1	-2.0608713	0.17368463	1
PMVK	-0.4672197	0.55717444	1	-1.4357601	0.10307037	1
PNCK	0.27443917	1	1	1.26303441	1	1
PNISR	-0.247688	0.26878451	1	-0.1454957	0.31725506	1
PNKD	1.06866558	0.32976659	1	-1.0056842	0.1648324	1
PNKP	-0.3032182	0.78932435	1	-0.3869992	0.41083858	1
PNLDC1	0.27443917	1	1	-5.1938251	0.52259551	1
PNLIP	0.27443917	1	1	1.26303441	1	1
PNLIPRP1	0.27443917	1	1	1.26303441	1	1
PNLIPRP2	0.27443917	1	1	1.26303441	1	1
PNLIPRP3	0.27443917	1	1	1.26303441	1	1
PNMA1	0.32230483	0.73731576	1	-0.1867764	0.73296288	1
PNMA2	0.27443917	1	1	1.26303441	1	1
PNMA3	0.27443917	1	1	1.26303441	1	1
PNMA6A	0.27443917	1	1	1.26303441	1	1
PNMA8A	0.27443917	1	1	1.26303441	1	1
PNMA8B	0.27443917	1	1	1.26303441	1	1
PNMT	1.26019908	0.89260809	1	-0.3827754	0.84581067	1
PNN	0.1152836	0.57662053	1	0.30041341	0.54765101	1
PNO1	-0.0561007	0.56286288	1	-0.6869282	0.18183353	1
PNOC	0.27443917	1	1	-6.4610545	0.52259551	1
PNP	0.62234915	0.21965172	1	0.75496352	0.2063448	1
PNPLA1	0.27443917	1	1	-7.9595089	0.3629285	1
PNPLA2	-0.227084	0.55717444	1	-0.4014706	0.20519541	1

PNPLA3	0.27443917	1	1	1.26303441	1	1
PNPLA4	2.52322083	0.04579784	1	2.67846096	0.01109507	1
PNPLA5	0.27443917	1	1	1.26303441	1	1
PNPLA6	-0.4875947	0.07728755	1	0.30428698	0.72154734	1
PNPLA7	0.33697257	0.41031957	1	0.35253965	0.34269831	1
PNPLA8	-0.7149337	0.4201058	1	0.17416409	0.64865174	1
PNPO	1.26019908	0.89260809	1	-1.389967	0.37701669	1
PNPT1	-1.001282	0.2040328	1	-0.3797751	0.45067687	1
PNRC1	0.57697997	0.07474237	1	-0.3043752	0.07986329	1
PNRC2	-0.6521357	0.12679615	1	-0.7706671	0.08655011	1
POC1A	-0.0923898	0.90231962	1	1.1470598	0.85548905	1
POC1B	-0.8059367	0.82281567	1	-0.0184872	0.96878495	1
POC5	0.03277189	0.2698265	1	-0.3796947	0.78540534	1
PODN	7.21585798	0.2752184	1	8.20445321	0.12281968	1
PODXL	8.53790772	0.12052946	1	-0.8823739	0.95888601	1
PODXL2	0.27443917	1	1	1.26303441	1	1
POF1B	-8.5807632	0.36779564	1	-7.3559268	0.52259551	1
POFUT1	0.11574005	0.6482244	1	0.86147554	0.26978924	1
POFUT2	-7.5931926	0.19965135	1	-7.8140581	0.26373073	1
POGK	-0.4224722	0.48086476	1	-1.3603479	0.05086414	1
POGLUT1	0.59657073	0.62663307	1	0.06397884	0.84375839	1
POGLUT2	0.27443917	1	1	1.26303441	1	1
POGLUT3	1.51290244	0.45132853	1	-0.0943962	0.96635635	1
POGZ	-0.710716	0.00963453	1	0.49154938	0.39490038	1
POLA1	0.65259229	0.08516344	1	1.13904339	0.00461016	1
POLA2	5.24326746	0.02815413	1	0.5341152	0.37149789	1
POLB	-0.8551582	0.6806367	1	0.41506216	0.18745551	1
POLD2	-0.8269389	0.64994186	1	-1.4843444	0.27552075	1
POLD3	-0.6146869	0.16155259	1	-0.6856179	0.02357754	1
POLD4	-1.248882	0.194431	1	-2.7423553	2.85E-05	0.78728462
POLDIP2	-0.9110723	0.80862687	1	-3.3028956	0.010332	1
POLDIP3	-0.3490023	0.45003572	1	0.74371251	0.25139357	1
POLE	-0.2459209	0.81908362	1	1.05738569	0.60291269	1
POLE2	0.53421304	0.51164527	1	1.53703402	0.1332849	1
POLE3	-1.3001481	0.19938814	1	-1.8121455	0.02232369	1
POLE4	-1.3430234	0.31207067	1	-3.7209681	4.42E-06	0.12195002
POLG	0.71889116	0.23471795	1	-0.7313641	0.10088398	1
POLG2	0.21508095	1	1	-0.3280392	0.6171523	1
POLH	1.57918927	0.00848634	1	0.27147014	0.20069291	1
POLI	0.17588479	0.90498006	1	0.24737218	0.88194117	1
POLK	0.16770095	0.68456902	1	0.01033989	0.78178298	1
POLL	0.04947312	0.5393955	1	-0.0156335	0.49271445	1
POLM	8.29309104	0.2752184	1	0.17846937	0.88397598	1

POLN	6.23735948	0.2752184	1	0.35564149	0.52790957	1
POLQ	-10.510738	0.02458092	1	-7.7296438	0.3629285	1
POLR1A	-0.5524621	0.97626947	1	0.77970197	0.23346358	1
POLR1B	-0.013064	0.44558325	1	-0.0601929	0.38711246	1
POLR1C	-0.4541622	0.51267242	1	-1.2296605	0.07754149	1
POLR1D	-0.7391047	0.24656396	1	-2.7153339	9.41E-07	0.02596247
POLR1E	1.77879514	0.51147027	1	-0.3606744	0.35354323	1
POLR2A	-0.2430587	0.79548007	1	-0.876035	0.05865124	1
POLR2B	0.17351894	0.49285799	1	-0.0510323	0.86957152	1
POLR2C	-1.7123343	0.54586113	1	-2.597202	0.06120212	1
POLR2D	0.0658258	0.90475283	1	-0.5839555	0.04996066	1
POLR2E	-0.5400186	0.98997935	1	-0.9857914	0.09682754	1
POLR2F	-0.6542421	0.58713617	1	-1.7511896	0.00125119	1
POLR2G	0.36952629	0.53236434	1	-0.7472418	0.33236386	1
POLR2H	-0.9803173	0.27803288	1	-2.9602764	0.00016512	1
POLR2I	-0.8210208	0.56020917	1	-2.804581	0.0004542	1
POLR2J	-0.8411278	0.25023126	1	-2.2931909	1.28E-05	0.35303809
POLR2K	1.05862583	0.47769954	1	-1.0812896	0.00797804	1
POLR2L	-0.4554041	0.79002376	1	-3.1234202	5.09E-07	0.01404328
POLR2M	0.50598406	0.11039738	1	-0.1059757	0.41227741	1
POLR3A	0.02467133	0.90988003	1	-0.5644835	0.27882888	1
POLR3B	-0.1070124	0.9390896	1	-0.3095743	0.73528732	1
POLR3C	0.91836392	0.15941668	1	0.17052322	0.89485706	1
POLR3D	-0.5294706	0.23191743	1	0.21479199	0.5237528	1
POLR3E	-0.2587837	0.86200265	1	-0.0580651	0.91891931	1
POLR3F	-8.1314706	0.36779564	1	-9.130305	0.11188911	1
POLR3G	0.21374663	0.28766524	1	0.44637478	0.1551374	1
POLR3GL	0.32669427	0.32859011	1	-0.1898045	0.29353805	1
POLR3H	0.5620121	0.98593976	1	-0.6103879	0.14630664	1
POLR3K	-1.0505247	0.2866381	1	-1.8841656	0.01513975	1
POLRMT	-1.2374366	0.36709546	1	-1.4485513	0.13060842	1
POM121C	-1.5654093	0.03421259	1	-1.2785088	0.05529836	1
POM121L12	0.27443917	1	1	1.26303441	1	1
POMC	0.27443917	1	1	1.26303441	1	1
POMGNT1	1.38455522	0.31685518	1	0.68410341	0.58653781	1
POMGNT2	0.27443917	1	1	-8.3388482	0.1474095	1
POMK	-0.9331815	0.09990386	1	-0.4935592	0.17789767	1
POMP	0.67249035	0.10024085	1	-0.5236122	0.06742855	1
POMT1	-0.7792396	0.30423424	1	-0.0494928	0.71391402	1
POMT2	-1.4793156	0.21765275	1	0.22496436	0.79879677	1
PON1	0.27443917	1	1	1.26303441	1	1
PON2	0.39853297	0.6926755	1	0.1447565	0.99896559	1
PON3	10.6364289	0.05637677	1	0.72889217	0.94819686	1

POP1	1.3391076	0.22327065	1	1.6175543	0.03793848	1
POP4	1.84869693	0.49174922	1	-0.2664145	0.51723609	1
POP5	-1.3729612	0.24626241	1	-1.9673261	0.03949518	1
POP7	-0.6727251	0.88400032	1	-1.3101314	0.4080708	1
POPDC2	8.31177523	0.2752184	1	1.03646611	0.8783593	1
POPDC3	0.27443917	1	1	-7.3888783	0.3629285	1
POR	-1.005641	0.33663704	1	-1.3274029	0.21219428	1
PORCN	8.44490916	0.2752184	1	2.25474104	0.52223338	1
POSTN	0.27443917	1	1	1.26303441	1	1
POT1	-0.2445705	0.6499675	1	-0.1625759	0.6317781	1
POU1F1	0.27443917	1	1	1.26303441	1	1
POU2AF1	0.27443917	1	1	-5.9175855	0.52259551	1
POU2F1	-0.087697	0.71105633	1	0.46058851	0.37287081	1
POU2F2	-0.4843871	0.8146861	1	-0.361991	0.63656557	1
POU2F3	0.27443917	1	1	1.26303441	1	1
POU3F1	0.27443917	1	1	1.26303441	1	1
POU4F1	-8.288628	0.36779564	1	1.26303441	1	1
POU5F1	0.27443917	1	1	1.26303441	1	1
POU5F2	2.62594219	0.29915671	1	1.50737774	0.14787237	1
POU6F1	-2.7562417	0.40765452	1	-2.6519755	0.28508405	1
POU6F2	0.27443917	1	1	1.26303441	1	1
PP2D1	-0.7382874	0.83579048	1	-0.4619901	0.86417092	1
PPA1	-0.2097845	0.53678342	1	-0.8175216	0.14187875	1
PPA2	-0.2073957	0.96993055	1	0.21519432	0.75163054	1
PPAN	-1.8206657	0.15515016	1	-1.7010263	0.02559768	1
PPARA	-1.2299946	0.14728833	1	-1.0665531	0.27151194	1
PPARD	-0.073604	0.35789854	1	0.7664065	0.00487687	1
PPARG	-1.0786447	0.17193694	1	-0.3566075	0.88977498	1
PPARGC1A	7.97247888	0.2752184	1	4.26731096	0.52223338	1
PPARGC1B	2.04827961	0.03532316	1	1.85987972	0.02797408	1
PPAT	4.07817305	0.00186246	1	0.14515575	0.64073454	1
PPBP	0.27443917	1	1	1.26303441	1	1
PPCDC	10.1193726	0.01326151	1	-0.2074646	0.86660889	1
PPCS	-1.8000311	0.10470806	1	-2.5615876	0.00221441	1
PPDPF	-0.924188	0.38193973	1	-2.4472482	9.22E-07	0.02543501
PPEF1	0.79562451	0.52434985	1	0.33341316	0.61440029	1
PPEF2	8.009752	0.2752184	1	8.99834724	0.12281968	1
PPFIA1	0.40313855	0.66238586	1	1.27079631	0.09299088	1
PPFIA2	-1.0468301	0.80862687	1	2.79766275	0.15452883	1
PPFIA3	0.27443917	1	1	1.26303441	1	1
PPFIA4	1.74707272	0.23243735	1	11.1352678	0.00720402	1
PPFIBP1	1.34926475	0.0471279	1	1.92142793	0.00647041	1
PPFIBP2	-0.691975	0.68789913	1	-1.5668732	0.29307123	1

PPHLN1	-0.4317017	0.12506233	1	-0.0792862	0.63576095	1
PPIA	-0.1067175	0.15723964	1	-1.1174546	0.00021628	1
PPIB	-0.0705009	0.70344616	1	-1.4860667	2.42E-06	0.06670546
PPIC	-8.1900523	0.36779564	1	-7.5384395	0.3629285	1
PPID	-0.1921365	0.81377786	1	-0.8822956	0.38638512	1
PPIE	0.90990109	0.81091643	1	1.06290884	0.84379463	1
PPIF	-1.7851993	0.15700157	1	-2.4058157	0.17368463	1
PPIG	-0.4691978	0.37240086	1	-0.2773109	0.28287125	1
PPIH	-0.8928083	0.46277583	1	-1.2900152	0.0635668	1
PPIL1	1.03244267	0.51147027	1	-0.2003193	0.95062943	1
PPIL2	0.14697602	0.42436272	1	0.83527825	0.27513656	1
PPIL3	-0.7031935	0.65139657	1	-1.5466025	0.01772661	1
PPIL4	-0.0818296	0.70727003	1	-0.2920571	0.57841344	1
PPIL6	-2.8959337	0.09467856	1	-1.9439605	0.29106049	1
PPIP5K1	0.075989	0.69386322	1	0.96753797	0.09067947	1
PPIP5K2	-0.2475574	0.18207318	1	0.31428954	0.88808092	1
PPL	-1.2949574	0.25400575	1	-0.6257227	0.64825479	1
PPM1A	-0.8289738	0.11307863	1	0.47400915	0.24659977	1
PPM1B	-0.2398399	0.11790938	1	0.00641505	0.28768129	1
PPM1D	0.53684097	0.22511878	1	0.19577853	0.43196161	1
PPM1E	-0.3090188	0.8146861	1	0.04699498	0.8377889	1
PPM1F	0.72235301	0.91549579	1	-0.5141093	0.41730614	1
PPM1G	-0.0480979	0.64893341	1	-0.3346492	0.03494478	1
PPM1H	0.2651055	0.22016073	1	1.05873746	0.05053636	1
PPM1J	-7.8894416	0.36779564	1	1.26303441	1	1
PPM1K	-1.4749164	0.02576652	1	-0.6514492	0.10551568	1
PPM1L	-0.0989797	0.68192775	1	-0.5806793	0.44733562	1
PPM1M	-0.7277133	0.22166301	1	0.14587275	0.52812055	1
PPM1N	0.27443917	1	1	-7.0504365	0.26373073	1
PPME1	-1.0891529	0.62888645	1	-1.2348708	0.04505546	1
PPOX	0.90350717	0.28849851	1	-0.1327801	0.92263828	1
PPP1CA	-0.3765798	0.49954609	1	-1.9471939	0.00012687	1
PPP1CB	0.06882366	0.7826736	1	0.19945993	0.82096255	1
PPP1CC	-0.2996913	0.67443967	1	-0.4448732	0.15771412	1
PPP1R10	0.05536158	0.58783932	1	-0.093104	0.32540413	1
PPP1R11	0.38911886	0.97656842	1	-1.3779256	0.0125062	1
PPP1R12A	-0.2051414	0.32350476	1	-0.0164132	0.80813886	1
PPP1R12B	0.55561043	0.00931821	1	0.65623069	0.00460962	1
PPP1R12C	7.10225734	0.2752184	1	-0.7608676	0.8895985	1
PPP1R13B	0.07149123	0.44408367	1	-0.0282054	0.73251401	1
PPP1R13L	0.55449727	0.84452255	1	0.7584153	0.37235208	1
PPP1R14A	0.27443917	1	1	1.26303441	1	1
PPP1R14B	-0.6429677	0.64267427	1	-2.5001794	4.78E-07	0.01320452

PPP1R14C	-2.1132187	0.25076778	1	1.60305932	0.85548905	1
PPP1R14D	0.27443917	1	1	1.26303441	1	1
PPP1R15A	-0.7546813	0.38209646	1	-1.1029424	0.16092154	1
PPP1R15B	-0.5937115	0.58345015	1	-1.0301853	0.08398259	1
PPP1R16A	0.97304176	0.84452255	1	0.35071306	0.80071202	1
PPP1R16B	-0.2603023	0.20742089	1	0.40348289	0.10662611	1
PPP1R17	0.27443917	1	1	1.26303441	1	1
PPP1R18	-0.4468707	0.52927975	1	-1.4997105	0.00316048	1
PPP1R1A	-8.5981645	0.36779564	1	1.26303441	1	1
PPP1R1B	0.27443917	1	1	-6.6237736	0.52259551	1
PPP1R1C	0.27443917	1	1	-6.4490189	0.52259551	1
PPP1R2	0.12114422	0.60778531	1	-0.0537875	0.44414416	1
PPP1R21	-0.9148829	0.43610208	1	-0.2446478	0.83571861	1
PPP1R26	7.631984	0.2752184	1	-0.5232138	0.64825479	1
PPP1R27	-7.1236435	0.36779564	1	1.26303441	1	1
PPP1R32	0.27443917	1	1	1.26303441	1	1
PPP1R35	-0.306112	0.7058248	1	-1.6371866	0.01228029	1
PPP1R36	7.37245979	0.2752184	1	-2.0326293	0.37197527	1
PPP1R37	-0.8934618	0.24249455	1	0.0642615	0.6283304	1
PPP1R3A	0.27443917	1	1	1.26303441	1	1
PPP1R3B	8.09062436	0.12052946	1	-1.0157045	0.7770574	1
PPP1R3C	0.27443917	1	1	1.26303441	1	1
PPP1R3D	0.54148133	0.80799068	1	0.59321457	0.78920817	1
PPP1R3E	1.24414795	0.16371599	1	1.11433897	0.57279429	1
PPP1R3F	-0.2079819	0.4226224	1	0.24551066	0.65223573	1
PPP1R3G	0.27443917	1	1	1.26303441	1	1
PPP1R42	-8.01614	0.19965135	1	1.26303441	1	1
PPP1R7	-0.1832762	0.73649097	1	-0.4948441	0.08161088	1
PPP1R8	-0.6266004	0.52087177	1	-0.3482831	0.72898455	1
PPP1R9A	2.20059465	0.45738523	1	1.11458861	0.60321842	1
PPP1R9B	0.9427353	0.08979936	1	0.94743209	0.52539966	1
PPP2CA	0.74799473	0.28625383	1	-0.0290939	0.34693418	1
PPP2CB	-2.1423689	0.03975792	1	-1.1971907	0.15340245	1
PPP2R1A	-0.3881795	0.38669001	1	-0.3337508	0.6127216	1
PPP2R1B	-0.8916402	0.35495755	1	0.15438244	0.52500055	1
PPP2R2A	-0.2410471	0.57826769	1	0.4126524	0.24924986	1
PPP2R2B	-1.4327096	0.0002524	1	-0.6040789	0.00345025	1
PPP2R2C	7.6094912	0.2752184	1	1.14946216	0.52790957	1
PPP2R2D	-0.2131316	0.51434688	1	0.48166842	0.05701394	1
PPP2R3A	-0.6270745	0.26245707	1	-0.1736879	0.6231783	1
PPP2R3B	0.27443917	1	1	1.26303441	1	1
PPP2R3C	-0.1214899	0.87323828	1	-0.3828209	0.07576483	1
PPP2R5A	-0.0500675	0.96795829	1	0.35828787	0.51900048	1

PPP2R5B	0.087658	0.78682126	1	0.30509142	0.7524457	1
PPP2R5C	-0.0284279	0.7374684	1	0.29799305	0.03097893	1
PPP2R5D	3.66861872	0.01159331	1	1.1017377	0.11537826	1
PPP2R5E	-0.3142058	0.28161802	1	-0.2124922	0.69913031	1
PPP3CA	0.01374773	0.06781788	1	0.59464031	0.00011958	1
PPP3CB	-0.4705607	0.52157872	1	-0.4492706	0.26884023	1
PPP3CC	-0.5476741	0.17726516	1	-0.0722576	0.90562659	1
PPP3R1	0.44927781	0.44988663	1	-0.1832533	0.61595971	1
PPP4C	-0.0808931	0.38164193	1	-1.519946	0.00234267	1
PPP4R1	-0.5350167	0.41959316	1	-0.1753145	0.61259582	1
PPP4R2	-0.0722645	0.4773526	1	0.29255054	0.8366256	1
PPP4R3A	-0.7981015	0.01031855	1	0.15853078	0.38983848	1
PPP4R3B	-0.3888066	0.88797985	1	-0.0954366	0.79774777	1
PPP4R4	0.27871869	0.51164527	1	2.37457113	0.04581003	1
PPP5C	-0.4056764	0.53983844	1	-0.1576091	0.73818222	1
PPP6C	0.37093062	0.09355389	1	0.09931985	0.85592159	1
PPP6R1	0.04722311	0.95297578	1	0.58182028	0.13634817	1
PPP6R2	-0.1994713	0.8423261	1	0.01334567	0.63841253	1
PPP6R3	0.09633537	0.58200563	1	0.18507842	0.1881496	1
PPRC1	-1.3529219	0.19607323	1	-0.6395761	0.41785217	1
PPT1	-0.2314031	0.69485287	1	-0.6837184	0.24094824	1
PPT2	1.33052179	0.89260809	1	0.93906804	0.52790957	1
PPTC7	-0.8071903	0.41139328	1	-0.1788635	0.78881325	1
PPWD1	0.5521622	0.20821219	1	0.08815571	0.64465066	1
PPY	0.27443917	1	1	1.26303441	1	1
PQBP1	-1.3245765	0.14728833	1	-1.6977893	0.01996139	1
PQLC1	0.73074068	0.17865557	1	0.84508013	0.13905453	1
PQLC2	-0.8413665	0.6480784	1	-0.4551003	0.70723654	1
PQLC2L	0.27443917	1	1	1.26303441	1	1
PQLC3	-0.0796289	0.61501417	1	-1.6262019	0.02794001	1
PRADC1	0.41061804	0.84452255	1	-1.5225501	0.12981126	1
PRAG1	-0.5227293	0.47724464	1	-0.3543152	0.20707785	1
PRAM1	-0.2437507	0.74729849	1	0.73384792	0.02785897	1
PRAP1	-6.3059622	0.36779564	1	-4.7186567	0.52259551	1
PRC1	-2.5453958	0.53639808	1	-2.9859961	0.09462398	1
PRCC	-0.8331027	0.59270757	1	0.3155038	0.544732	1
PRCD	0.27443917	1	1	1.26303441	1	1
PRCP	-1.9692456	0.09599528	1	-2.2327177	0.01902177	1
PRDM1	-1.9790868	0.14445012	1	-1.3245746	0.40623846	1
PRDM10	0.18471023	0.78021753	1	0.75167945	0.21514965	1
PRDM11	-0.7880172	0.39387711	1	1.21268505	0.19758285	1
PRDM12	0.27443917	1	1	1.26303441	1	1
PRDM14	0.27443917	1	1	1.26303441	1	1

PRDM15	-0.467827	0.88616047	1	-0.0529712	0.60036008	1
PRDM16	8.64740815	0.2752184	1	9.63600339	0.12281968	1
PRDM2	-0.4304009	0.2207755	1	0.08062103	0.93980594	1
PRDM4	-0.9575491	0.44612982	1	0.32725127	0.98174895	1
PRDM5	0.27443917	1	1	1.26303441	1	1
PRDM6	0.27443917	1	1	1.26303441	1	1
PRDM7	0.27443917	1	1	1.26303441	1	1
PRDM8	1.18714877	0.45738523	1	0.23288767	0.61094938	1
PRDM9	0.27443917	1	1	1.26303441	1	1
PRDX1	-2.0616414	0.02456009	1	-3.6944923	6.49E-09	0.00017918
PRDX2	3.20885871	0.22569004	1	0.79403473	0.60904546	1
PRDX3	-0.2792895	0.41348322	1	-1.2193723	0.01275031	1
PRDX4	-9.0427933	0.11486391	1	-10.033424	0.0139617	1
PRDX5	-2.2147457	0.00572611	1	-3.2269219	2.69E-09	7.42E-05
PRDX6	-1.958409	0.00091874	1	-2.2049506	1.19E-06	0.03283442
PREB	-0.6897342	0.46636297	1	0.90099716	0.95760576	1
PRELID1	1.22925989	0.13023244	1	-1.0708734	0.02599394	1
PRELID2	0.25704782	0.89972832	1	-0.1743493	0.97643998	1
PRELID3A	-9.7300291	0.11486391	1	-7.8352752	0.1958879	1
PRELID3B	-1.3379572	0.24626241	1	-2.1648668	0.00760617	1
PRELP	0.27443917	1	1	1.26303441	1	1
PREP	-0.1425434	0.86005995	1	0.29562659	0.22236269	1
PREPL	-0.1576955	0.69760717	1	0.86078776	0.06726715	1
PREX1	0.136955	0.32967291	1	0.50807474	0.00024508	1
PREX2	7.50227797	0.2752184	1	1.12747326	0.52790957	1
PRF1	-3.357917	0.00956791	1	-3.7242196	0.00376618	1
PRG2	0.27443917	1	1	1.26303441	1	1
PRG3	0.27443917	1	1	1.26303441	1	1
PRG4	-8.6267271	0.36779564	1	-7.0501103	0.52259551	1
PRICKLE1	0.27443917	1	1	-7.9946237	0.3629285	1
PRICKLE2	8.9690009	0.2752184	1	9.95759614	0.12281968	1
PRICKLE3	1.19505094	0.45738523	1	0.29094985	0.96262077	1
PRIM1	-0.7997489	0.54292843	1	-1.4701399	0.12375495	1
PRIM2	-0.1608258	0.24958918	1	0.75563916	0.11113149	1
PRIMA1	0.27443917	1	1	1.26303441	1	1
PRIMPOL	-0.5286098	0.92069106	1	-0.7139219	0.12169549	1
PRKAA1	0.71234683	0.12535699	1	0.80018954	0.0176125	1
PRKAA2	0.27443917	1	1	1.26303441	1	1
PRKAB1	0.02945986	0.53302764	1	1.24733899	0.31384631	1
PRKAB2	-1.9316142	0.2059387	1	-1.4798519	0.14080429	1
PRKACA	0.23954138	0.88999295	1	-0.3238298	0.60117759	1
PRKACB	0.06615095	0.62169102	1	-0.1912055	0.3354858	1
PRKAG1	-0.6576573	0.24467996	1	-0.3600415	0.15135292	1

PRKAG2	0.18083722	0.56371616	1	0.67661597	0.0180489	1
PRKAG3	0.27443917	1	1	-3.4307288	0.52259551	1
PRKAR1A	-0.3275737	0.67723914	1	-0.8373474	0.01100342	1
PRKAR1B	2.19542695	0.0102703	1	1.52260074	0.01652563	1
PRKAR2A	-0.626397	0.209374	1	-0.3373457	0.29873162	1
PRKAR2B	-0.1061073	0.68760951	1	-0.6966129	0.12262786	1
PRKCA	-1.0564868	0.00103683	1	-0.4882902	0.02049217	1
PRKCB	-0.1259288	0.98425921	1	0.40429398	0.00104629	1
PRKCD	-1.5978461	0.0433687	1	-0.6388985	0.16878325	1
PRKCE	0.05505885	0.76963167	1	1.45332927	0.00739984	1
PRKCG	0.27443917	1	1	-8.0125472	0.3629285	1
PRKCH	-0.4821449	0.03161957	1	0.24485964	0.07420289	1
PRKCI	-0.5632196	0.53176363	1	-0.3624017	0.92564004	1
PRKCQ	-0.3057596	0.43697477	1	0.18086976	0.2315619	1
PRKCSH	-1.426768	0.05155562	1	-1.1745386	0.0046385	1
PRKCZ	-0.0171526	0.71051063	1	0.65979842	0.76014739	1
PRKD1	-0.0618155	0.68494943	1	-0.0504031	0.9318152	1
PRKD2	-0.5748339	0.91829606	1	-0.2661076	0.82056381	1
PRKD3	-0.1301962	0.65297405	1	-0.2562182	0.81130777	1
PRKDC	-0.2565181	0.68058485	1	-0.0560651	0.84688856	1
PRKG1	-8.7103948	0.19965135	1	-6.7879069	0.52259551	1
PRKG2	0.27443917	1	1	1.26303441	1	1
PRKN	0.16329089	0.4808623	1	1.20632909	0.00057603	1
PRKRA	-0.4171639	0.71873679	1	-0.2321331	0.34932443	1
PRKRIP1	0.66483218	0.57068917	1	-0.1174305	0.82199259	1
PRKX	-0.0796393	0.98124879	1	0.47607521	0.00982619	1
PRL	0.27443917	1	1	1.26303441	1	1
PRLH	0.27443917	1	1	-8.2324328	0.3629285	1
PRLHR	0.27443917	1	1	1.26303441	1	1
PRLR	0.27443917	1	1	-6.9480446	0.52259551	1
PRMT1	-0.1141303	0.78831276	1	-0.7662543	0.07113608	1
PRMT2	0.29740798	0.10690066	1	0.06039084	0.74540014	1
PRMT3	-0.257204	0.94034759	1	0.49836981	0.39363378	1
PRMT5	-2.1732507	0.54586113	1	-1.6008624	0.39758803	1
PRMT6	-0.8414112	0.80862687	1	-0.121285	0.8377889	1
PRMT7	-0.4603826	0.68350311	1	0.34153769	0.60053402	1
PRMT8	0.27443917	1	1	-6.9123974	0.52259551	1
PRMT9	0.09620437	0.53112454	1	0.57717393	0.06327475	1
PRNP	-0.6173428	0.56735438	1	-1.2699252	0.00805053	1
PROB1	0.27443917	1	1	1.26303441	1	1
PROC	8.42076024	0.2752184	1	9.40935548	0.12281968	1
PROCA1	-9.0393218	0.11486391	1	-9.2564715	0.08544191	1
PROCR	0.20157706	0.90231962	1	-1.3960085	0.49019995	1

PRODH	0.27443917	1	1	1.26303441	1	1
PRODH2	0.27443917	1	1	-6.1889573	0.52259551	1
PROK1	0.27443917	1	1	1.26303441	1	1
PROK2	0.27443917	1	1	1.26303441	1	1
PROKR1	0.27443917	1	1	1.26303441	1	1
PROM1	-9.2255378	0.36779564	1	-4.2111359	0.52259551	1
PROM2	0.27443917	1	1	1.26303441	1	1
PRORP	0.11269236	0.97810391	1	0.53670598	0.51547765	1
PROS1	-0.3808017	0.35648291	1	-1.2450714	0.02712869	1
PROSER1	0.04260497	0.77577019	1	-1.2600336	0.15818847	1
PROSER2	0.27443917	1	1	1.26303441	1	1
PROSER3	7.66484764	0.2752184	1	0.63895042	0.88397598	1
PROX1	0.27443917	1	1	1.26303441	1	1
PROX2	0.27443917	1	1	-7.1144581	0.52259551	1
PROZ	0.48408838	0.81353247	1	0.72319545	0.60904546	1
PRPF18	-1.9572376	0.0449843	1	-1.4490705	0.09674809	1
PRPF19	-1.8857908	0.09757864	1	-1.2275286	0.32808488	1
PRPF3	0.27985453	0.46505825	1	0.32049034	0.44340138	1
PRPF31	-0.4124932	0.61501417	1	-0.6384567	0.1783016	1
PRPF38A	-2.0281951	0.15686364	1	-2.9281412	0.01773095	1
PRPF38B	0.26130007	0.47401489	1	0.08796405	0.82361689	1
PRPF39	-0.6218098	0.49994048	1	-0.4258885	0.47006778	1
PRPF4	0.1834021	0.38135626	1	-1.2609737	0.01297083	1
PRPF40A	-0.6862155	0.05993733	1	-0.6190516	0.03842463	1
PRPF40B	-1.0288662	0.45920413	1	0.3784438	0.79559712	1
PRPF4B	-0.0189949	0.91631935	1	-0.2186414	0.07162752	1
PRPF8	-0.4276823	0.95966164	1	-0.392485	0.25561755	1
PRPH	0.27443917	1	1	1.26303441	1	1
PRPH2	-7.979308	0.36779564	1	-8.8596696	0.11188911	1
PRPS1	0.59583931	0.51164527	1	-0.6770132	0.34385137	1
PRPS2	-2.1614603	0.09599528	1	-2.6394488	0.02379144	1
PRPSAP1	0.13092261	0.03731637	1	0.68780924	0.01223635	1
PRPSAP2	-0.482944	0.50492852	1	0.51155652	0.47457983	1
PRR11	0.69476495	0.89260809	1	2.22332866	0.52223338	1
PRR12	1.00125968	0.00520116	1	1.10770775	0.00316075	1
PRR13	-1.1964357	0.08312514	1	-1.8029601	0.00022994	1
PRR14	2.29073934	0.04579784	1	1.03252061	0.14111726	1
PRR14L	-0.7051773	0.02696689	1	0.10894764	0.57116558	1
PRR15	-6.8152308	0.36779564	1	-7.8103799	0.3629285	1
PRR15L	0.27443917	1	1	1.26303441	1	1
PRR16	0.27443917	1	1	1.26303441	1	1
PRR18	0.27443917	1	1	1.26303441	1	1
PRR19	0.27443917	1	1	1.26303441	1	1

PRR22	7.10225734	0.2752184	1	-1.1000555	0.8895985	1
PRR25	0.27443917	1	1	1.26303441	1	1
PRR29	7.85956673	0.2752184	1	1.28047315	0.52223338	1
PRR3	-1.5593775	0.06717392	1	-1.20566	0.04110891	1
PRR35	7.40815805	0.2752184	1	0.04509101	0.85064705	1
PRR36	-7.7327498	0.36779564	1	1.26303441	1	1
PRR4	0.27443917	1	1	1.26303441	1	1
PRR5	-0.3492322	0.56963242	1	-0.1383042	0.73528732	1
PRR5L	-0.4808872	0.91496724	1	0.55099599	0.41034989	1
PRR7	0.26701534	0.17926277	1	0.19268132	0.1621718	1
PRRC1	0.160005	0.51514375	1	-0.3785244	0.34065099	1
PRRC2A	-0.8679489	0.35646263	1	-0.7660217	0.1772343	1
PRRC2B	0.03941339	0.78867528	1	0.44675607	0.01377193	1
PRRC2C	-0.4941946	0.07400994	1	-0.0150327	0.68634083	1
PRRG1	-6.7566235	0.36779564	1	-8.0205029	0.1474095	1
PRRG2	-8.1971641	0.36779564	1	-6.4579363	0.3629285	1
PRRG4	-8.3316009	0.36779564	1	-9.0903722	0.1958879	1
PRRT1	0.27443917	1	1	1.26303441	1	1
PRRT1B	0.27443917	1	1	1.26303441	1	1
PRRT2	0.27443917	1	1	-6.7448913	0.52259551	1
PRRT3	0.27443917	1	1	-8.858363	0.1958879	1
PRRT4	0.27443917	1	1	1.26303441	1	1
PRRX1	0.27443917	1	1	1.26303441	1	1
PRRX2	0.27443917	1	1	1.26303441	1	1
PRSS12	-1.7656819	0.67317602	1	0.0057757	0.85064705	1
PRSS16	8.75809167	0.12052946	1	1.08374574	0.365771	1
PRSS21	0.27443917	1	1	1.26303441	1	1
PRSS22	0.27443917	1	1	-5.353932	0.52259551	1
PRSS23	0.27443917	1	1	-8.4024935	0.26373073	1
PRSS27	0.27443917	1	1	1.26303441	1	1
PRSS33	0.27443917	1	1	1.26303441	1	1
PRSS35	-9.6409806	0.11486391	1	1.26303441	1	1
PRSS36	2.3966792	0.89260809	1	1.44387841	0.52223338	1
PRSS37	0.27443917	1	1	1.26303441	1	1
PRSS38	7.97247888	0.2752184	1	0.04068053	0.88397598	1
PRSS41	0.4866161	0.89260809	1	-0.4914614	0.64428388	1
PRSS46P	0.27443917	1	1	1.26303441	1	1
PRSS47	0.27443917	1	1	1.26303441	1	1
PRSS48	0.27443917	1	1	1.26303441	1	1
PRSS50	0.27443917	1	1	1.26303441	1	1
PRSS53	1.13192964	0.50164502	1	0.55928768	0.78920817	1
PRSS54	0.27443917	1	1	1.26303441	1	1
PRSS55	0.72693185	0.29175766	1	-0.2844487	0.46032607	1

PRSS56	0.27443917	1	1	1.26303441	1	1
PRSS57	-1.1681472	0.0795345	1	-2.7144919	2.23E-06	0.06161039
PRSS8	-0.0069888	0.90231962	1	-0.8350246	0.8895985	1
PRTFDC1	0.27443917	1	1	1.26303441	1	1
PRTG	0.27443917	1	1	1.26303441	1	1
PRTN3	0.27443917	1	1	1.26303441	1	1
PRUNE1	0.76536631	0.74599062	1	-0.5282152	0.14628286	1
PRUNE2	0.0640838	0.57473755	1	1.86573643	0.59170527	1
PRX	1.33251153	0.89260809	1	9.41077674	0.12281968	1
PRXL2A	-1.3282614	0.04539994	1	-0.8774576	0.0839137	1
PRXL2B	2.496688	0.89260809	1	1.24213953	0.8783593	1
PRXL2C	0.55368762	0.51267242	1	-0.7256665	0.12309419	1
PSAP	-1.1260472	0.00049891	1	-0.9236998	7.24E-05	1
PSAPL1	0.27443917	1	1	1.26303441	1	1
PSAT1	0.7051471	0.16776582	1	-0.3396444	0.88145108	1
PSCA	-8.4626833	0.36779564	1	-9.4299377	0.1474095	1
PSD	0.27443917	1	1	1.26303441	1	1
PSD2	0.27443917	1	1	1.26303441	1	1
PSD3	-2.952754	0.15285381	1	2.02133339	0.52223338	1
PSD4	0.26126413	0.64644224	1	0.1527385	0.81774611	1
PSEN1	0.02761325	0.68060839	1	0.43498008	0.25417324	1
PSEN2	0.61485088	0.37090655	1	1.37088196	0.04888747	1
PSENEN	1.54929252	0.49174922	1	-2.7215531	0.00038298	1
PSIP1	0.1688988	0.29428358	1	0.11934808	0.25360051	1
PSKH1	0.32355357	0.56536304	1	0.11795974	0.83422659	1
PSKH2	0.27443917	1	1	1.26303441	1	1
PSMA1	-0.8948013	0.18274771	1	-0.6460154	0.06555543	1
PSMA2	-0.1278862	0.89048375	1	-1.2374311	0.00121769	1
PSMA3	-1.1392511	0.2642985	1	-1.9502605	0.00011536	1
PSMA4	-0.4095699	0.89542227	1	-1.341638	0.00073807	1
PSMA5	-0.7551529	0.42459312	1	-1.2368931	0.00129915	1
PSMA6	-0.393942	0.49631288	1	-0.6208169	0.37063903	1
PSMA7	-0.3685579	0.43841921	1	-1.8176569	4.14E-11	1.14E-06
PSMA8	-7.7025031	0.36779564	1	1.26303441	1	1
PSMB1	-0.2498433	0.65504701	1	-1.8918991	6.15E-07	0.01697176
PSMB10	-1.3084767	0.13403137	1	-2.1058927	0.00051048	1
PSMB2	-0.4880689	0.48461735	1	-0.4841857	0.15410741	1
PSMB3	-0.5443595	0.5145014	1	-1.5169121	0.00225023	1
PSMB4	-0.8312207	0.30084927	1	-1.7179948	0.00071948	1
PSMB5	0.14974153	0.67247196	1	-1.5064903	0.0321854	1
PSMB6	-2.1962602	0.00432368	1	-3.6107186	2.40E-08	0.00066152
PSMB7	-1.3322812	0.01324288	1	-2.1211768	3.93E-09	0.00010846
PSMB8	-0.3940983	0.62743357	1	-1.9551549	7.46E-06	0.20589806

PSMB9	-0.7742601	0.39038391	1	-2.4661508	1.63E-08	0.0004511
PSMC1	-0.724442	0.43231564	1	-1.0803317	0.12579136	1
PSMC2	-0.8892803	0.73158053	1	-1.411356	0.08079253	1
PSMC3	-0.4168543	0.85454059	1	-0.6721685	0.17835306	1
PSMC3IP	-9.3766238	0.11486391	1	-8.3974016	0.1958879	1
PSMC4	0.06345021	0.99148393	1	-1.449236	0.00821626	1
PSMC5	0.15105728	0.88249905	1	-1.1619796	0.00464729	1
PSMC6	-0.5628385	0.65680129	1	-0.8071814	0.21918836	1
PSMD1	-0.4937762	0.27792721	1	-0.0098514	0.67029917	1
PSMD10	0.27443917	1	1	-9.5424644	0.02325653	1
PSMD11	-0.91729	0.14921489	1	-0.9973041	0.00912971	1
PSMD12	-1.1084015	0.12763432	1	-1.3346318	0.00203441	1
PSMD13	-0.4659896	0.84544428	1	-0.944517	0.14564278	1
PSMD14	-0.5558629	0.08386358	1	-0.276327	0.25728584	1
PSMD2	0.03674015	0.74274908	1	0.45028615	0.80875894	1
PSMD3	-0.3269021	0.7422839	1	-0.5480116	0.68313285	1
PSMD4	0.18808149	0.77579715	1	-0.7323799	0.03241238	1
PSMD5	-0.7208131	0.55406408	1	-0.5093558	0.93284286	1
PSMD6	-0.2219948	0.95101525	1	-1.1744547	0.04741406	1
PSMD7	0.70855926	0.33366838	1	-1.3556167	0.00390742	1
PSMD8	-0.3117879	0.83784645	1	-1.691829	0.00446262	1
PSMD9	0.72888865	0.48916815	1	-0.7563101	0.13614489	1
PSME1	-0.5210615	0.78931849	1	-1.9511487	2.09E-07	0.0057628
PSME2	-1.2038363	0.04103347	1	-2.4665355	6.59E-06	0.18181841
PSME3	-0.4759592	0.96690212	1	-0.3270031	0.40871422	1
PSME4	-0.0826621	0.97719806	1	-0.0924587	0.80691846	1
PSMF1	-0.6416923	0.25543678	1	-0.0099885	0.79424217	1
PSMG1	0.52624822	0.51499182	1	-1.3446775	0.08967706	1
PSMG2	-0.6774447	0.60809795	1	-1.8974704	0.00620724	1
PSMG3	-8.5289506	0.11486391	1	-10.570914	0.00839699	1
PSMG4	0.8945046	0.52198056	1	-0.9584507	0.13916151	1
PSORS1C2	0.27443917	1	1	1.26303441	1	1
PSPC1	-0.4656559	0.09863918	1	-0.0758292	0.78585995	1
PSPH	-0.7774473	0.82476367	1	-1.5514306	0.07260034	1
PSPN	0.27443917	1	1	1.26303441	1	1
PSRC1	0.27443917	1	1	1.26303441	1	1
PSTK	1.38139189	0.23586417	1	-0.4600881	0.72524049	1
PSTPIP1	-0.1710389	0.68332695	1	-0.5158591	0.12853003	1
PSTPIP2	0.70843172	0.80799068	1	1.02139181	0.93879519	1
PTAFR	1.68578156	0.79142405	1	1.62301671	0.91168636	1
PTAR1	-0.4155785	0.58474637	1	-0.0384024	0.79063452	1
PTBP1	-1.4345377	0.06327542	1	-1.5030685	0.00186373	1
PTBP2	-0.268212	0.50485279	1	0.34972157	0.21352466	1

PTBP3	-0.5751494	0.02378976	1	-0.3460164	0.07894938	1	
PTCD2	-3.410552	0.15081145	1	-3.2182931	0.04734091	1	
PTCD3	0.08041008	0.55860896	1	0.21660132	0.65977482	1	
PTCH1	8.76707513	0.2752184	1	0.79180554	0.85548905	1	
PTCH2	-0.1538158	0.90231962	1	-2.3845848	0.17120737	1	
PTCHD1	0.27443917	1	1	1.26303441	1	1	
PTCHD3	0.27443917	1	1	-6.4869718	0.52259551	1	
PTCHD4	0.27443917	1	1	1.26303441	1	1	
PTCRA	8.42076024	0.2752184	1	9.40935548	0.12281968	1	
PTDSS1	-0.6912452	0.23013723	1	-0.211718	0.52067285	1	
PTEN	-0.2993863	0.36251803	1	0.19322647	0.17073444	1	
PTER	0.5823539	0.44377444	1	0.66236253	0.09208684	1	
PTF1A	0.27443917	1	1	1.26303441	1	1	
PTGDR	0.38262464	0.24257676	1	0.15060672	0.87985916	1	
PTGDR2	0.27443917	1	1	1.26303441	1	1	
PTGDS	-1.7061701	0.08953825	1	-2.6991657	0.00013467	1	
PTGER1	0.27443917	1	1	-6.4409539	0.3629285	1	
PTGER2	0.27443917	1	1	-5.9562946	0.52259551	1	
PTGER3	0.37335864	0.6608922	1	1.51254074	0.2093292	1	
PTGER4	-0.0117364	0.58611707	1	-0.1697564	0.74533564	1	
PTGES	-7.4529774	0.36779564	1	1.26303441	1	1	
PTGES2	0.88786811	0.84452255	1	-0.4409657	0.34035808	1	
PTGES3	-0.2995891	0.27062255	1	-0.8298981	6.23E-05	1	
PTGES3L	0.27443917	1	1	-5.9427839	0.52259551	1	
PTGFR	0.27443917	1	1	1.26303441	1	1	
PTGFRN	-6.5132161	0.36779564	1	-5.8511561	0.3629285	1	
PTGIR	0.27443917	1	1	1.26303441	1	1	
PTGIS	0.27443917	1	1	-6.0573691	0.52259551	1	
PTGR2	0.27443917	1	1	-8.6487819	0.11188911	1	
PTGS1	0.27443917	1	1	-6.9726833	0.26373073	1	
PTGS2	-8.9864632	0.19965135	1	-6.5558245	0.3629285	1	
PTH1R	7.50227797	0.2752184	1	8.49087321	0.12281968	1	
PTH2R	0.27443917	1	1	1.26303441	1	1	
PTHLH	0.27443917	1	1	-5.1407106	0.52259551	1	
PTK2	-2.7772024	0.06030741	1	0.49219212	0.82595901	1	
PTK2B	-0.1559745	0.94119841	1	0.58831638	0.0056952	1	
PTK6	0.35604696	0.88923822	1	2.38613075	0.2607118	1	
PTK7	-0.0558075	0.44134112	1	0.99517624	0.45020782	1	
PTMA	0.13538653	0.47974138	1	-1.1949948	8.95E-09	0.00024692	
PTMAP12	0.27443917	1	1	1.26303441	1	1	
PTMS	-0.1137726	0.65261143	1	-1.106018	0.00183112	1	
PTN	0.27443917	1	1	1.26303441	1	1	
PTOV1	-1.2059696	0.6046529	1	-0.9639641	0.38783696	1	

PTP4A1	-0.2524934	0.6465057	1	-0.0497279	0.78169449	1
PTP4A2	-0.3562521	0.7744112	1	-0.8775753	0.0025515	1
PTP4A3	0.27443917	1	1	1.26303441	1	1
PTPA	0.38820709	0.64680048	1	-0.5317267	0.14530728	1
PTPDC1	1.16328478	0.13417908	1	0.54884721	0.38161046	1
PTPMT1	-1.3368206	0.50074415	1	-2.0974622	0.0007357	1
PTPN1	-0.7791617	0.00755524	1	-0.5577414	0.08032792	1
PTPN11	-0.6499145	0.08529252	1	-0.3547074	0.3153294	1
PTPN12	-0.8861208	0.01813168	1	-0.3930629	0.25144353	1
PTPN13	0.94579558	0.24195253	1	0.74635608	0.43052892	1
PTPN14	0.17468775	0.4226224	1	0.41089951	0.88397598	1
PTPN18	-1.0368022	0.52886624	1	-1.2438418	0.10359934	1
PTPN2	-0.7161423	0.09579906	1	-0.0335031	0.96748038	1
PTPN20	0.27443917	1	1	1.26303441	1	1
PTPN21	0.27443917	1	1	1.26303441	1	1
PTPN22	-0.4869467	0.13393804	1	-0.7048376	0.03616269	1
PTPN23	-0.6490852	0.07821706	1	0.2765824	0.89387948	1
PTPN3	0.27443917	1	1	-4.2369282	0.52259551	1
PTPN4	0.09459548	0.6932813	1	0.27149348	0.26339257	1
PTPN5	0.27443917	1	1	1.26303441	1	1
PTPN6	-0.4336754	0.47373142	1	-1.0171074	0.01280404	1
PTPN7	-0.8278954	0.56084587	1	-0.8205049	0.07000118	1
PTPN9	-0.2064503	0.69275375	1	-0.0025938	0.47879814	1
PTPRA	-0.0678918	0.83775688	1	0.16608839	0.73848127	1
PTPRB	-0.8971022	0.67317602	1	-0.6700685	0.84581067	1
PTPRC	-0.1548709	0.20284877	1	-0.0487526	0.42716257	1
PTPRCAP	0.09566657	0.93279637	1	-2.0316871	3.84E-05	1
PTPRD	8.19272853	0.12052946	1	2.00749941	0.15869376	1
PTPRE	-0.4436213	0.39631072	1	-1.0705494	0.13515219	1
PTPRF	-6.8152308	0.36779564	1	-7.7034533	0.3629285	1
PTPRG	-8.3326122	0.19965135	1	-5.9768042	0.52259551	1
PTPRH	0.27443917	1	1	1.26303441	1	1
PTPRJ	-0.7644997	0.10908507	1	-0.1247073	0.74545293	1
PTPRK	0.58044719	0.83292902	1	0.23969613	0.96635635	1
PTPRM	1.64421205	0.03229022	1	2.23214429	0.01324643	1
PTPRN	0.27443917	1	1	1.26303441	1	1
PTPRN2	-0.2321893	0.90231962	1	9.04603369	0.12281968	1
PTPRO	-1.3754814	0.41260835	1	1.48861832	0.85548905	1
PTPRQ	6.97043224	0.2752184	1	7.95902748	0.12281968	1
PTPRR	0.27443917	1	1	1.26303441	1	1
PTPRS	1.61779575	0.89260809	1	9.59084523	0.12281968	1
PTPRT	9.86412492	0.05637677	1	1.49723415	0.26502162	1
PTPRU	0.27443917	1	1	1.26303441	1	1

PTPRZ1	-7.9014069	0.36779564	1	-7.530321	0.52259551	1	
PTRH1	-0.0467051	0.82075644	1	-1.9238257	0.01609508	1	
PTRH2	0.50712874	0.48489825	1	-0.7377111	0.2368598	1	
PTRHD1	-0.0857065	0.68789913	1	-3.0175466	0.01773309	1	
PTS	-0.3080802	0.7880527	1	-0.2190377	0.9318152	1	
PTTG1	0.27443917	1	1	-9.7836864	0.01801327	1	
PTTG1IP	-0.0620087	0.75055135	1	-0.7267236	0.1386682	1	
PTTG2	9.00940434	0.12052946	1	5.32338792	0.15452883	1	
PTX3	0.27443917	1	1	-6.8818314	0.3629285	1	
PTX4	-7.9365035	0.19965135	1	1.26303441	1	1	
PUDP	0.48578738	0.21495895	1	0.86129295	0.09383013	1	
PUF60	-1.0123093	0.40381395	1	-1.4937099	0.03621268	1	
PUM1	-0.391029	0.11025748	1	0.23992318	0.18670001	1	
PUM2	0.19821564	0.27181768	1	0.63127636	9.87E-05	1	
PUM3	-0.5905026	0.91620907	1	-0.3215502	0.72204549	1	
PURB	-0.3692759	0.73906754	1	-0.0418664	0.89180892	1	
PURG	0.27443917	1	1	1.26303441	1	1	
PUS1	-0.6580756	0.48708856	1	-0.6900413	0.47765169	1	
PUS10	-0.4709022	0.17670853	1	0.00405667	0.7101882	1	
PUS3	-9.1353147	0.11486391	1	-9.5414314	0.06553217	1	
PUS7	0.91633388	0.13196734	1	1.13144291	0.04421609	1	
PUS7L	1.62911622	0.04474055	1	0.38456138	0.45346119	1	
PUSL1	-0.1093966	0.90231962	1	-0.472558	0.64428388	1	
PVALB	0.27443917	1	1	1.26303441	1	1	
PVR	-6.5488187	0.19965135	1	-8.4312104	0.1474095	1	
PVRIG	1.00154452	0.23586417	1	-0.2998488	0.62114702	1	
PWP1	1.03413073	0.0505626	1	-0.4622258	0.32034762	1	
PWP2	-0.3408129	0.55717444	1	-0.5912198	0.16977402	1	
PWWP2A	0.75451215	0.01752155	1	0.72744869	0.02257795	1	
PWWP2B	-0.2891	0.68052236	1	-0.1391419	0.85064705	1	
PWWP3A	0.75187898	0.51833203	1	0.15959639	0.7135878	1	
PWWP3B	0.27443917	1	1	1.26303441	1	1	
PXDC1	0.29037632	0.3849739	1	-0.2063877	0.21497509	1	
PXDN	1.36847127	0.28526399	1	-0.6168148	0.80217708	1	
PXDNL	-0.2230343	0.90231962	1	0.01724761	0.85064705	1	
PXK	0.00324109	0.89758433	1	0.67547737	0.25160112	1	
PXMP2	-1.4756962	0.67317602	1	-1.2691171	0.49019995	1	
PXMP4	0.39635034	0.75870978	1	-0.8097246	0.74042185	1	
PXN	0.68587506	0.21550764	1	0.98262943	0.06351706	1	
PXT1	0.27443917	1	1	1.26303441	1	1	
PXYLP1	-0.2808344	0.71539401	1	0.22857719	0.49532711	1	
PYCARD	-1.418999	0.10927373	1	-3.1561007	1.50E-06	0.04130589	
PYCR1	-1.5754681	0.67317602	1	-2.3065867	0.37449073	1	

PYCR2	-0.1328612	0.90498006	1	-0.9069628	0.85826228	1
PYCR3	2.63549166	0.45738523	1	0.98571117	0.96262077	1
PYDC1	0.27443917	1	1	1.26303441	1	1
PYDC5	0.27443917	1	1	1.26303441	1	1
PYGB	1.00113027	0.11305541	1	0.97609302	0.08601024	1
PYGL	0.68058773	0.80799068	1	-0.3994085	0.4210345	1
PYGM	1.11795588	0.06111316	1	0.50527243	0.15921662	1
PYGO1	0.27443917	1	1	-6.0209494	0.52259551	1
PYGO2	-1.4337605	0.81565385	1	-0.9703268	0.3291887	1
PYHIN1	-0.0512499	0.81316761	1	-0.6729817	0.07819123	1
PYM1	-0.1255196	0.96720032	1	-0.8817304	0.24611473	1
PYROXD1	0.53314087	0.50879787	1	-0.9468338	0.3718633	1
PYROXD2	1.34596361	0.05576569	1	0.61992897	0.04055713	1
PYURF	0.27443917	1	1	1.26303441	1	1
PYY	0.27443917	1	1	1.26303441	1	1
QARS	0.26666481	0.28637312	1	-0.9292796	0.04690096	1
QDPR	-0.4977775	0.80601313	1	-2.3463595	0.00313653	1
QKI	-0.2005425	0.70044982	1	0.1270908	0.37759916	1
QPCT	-5.4928051	0.36779564	1	1.26303441	1	1
QPCTL	-0.2490912	0.83021289	1	-0.8009556	0.22985162	1
QPRT	1.05642081	0.83770648	1	0.51837986	0.60321842	1
QRFP	0.27443917	1	1	1.26303441	1	1
QRFPR	0.27443917	1	1	1.26303441	1	1
QRICH1	-0.1416785	0.46477698	1	0.32611186	0.05804782	1
QRICH2	-1.2039484	0.37062913	1	-1.0172965	0.62771855	1
QRSL1	0.99799637	0.70663724	1	-0.6668362	0.29806588	1
QSER1	-0.445846	0.57239342	1	-0.1070912	0.65857358	1
QSOX1	-1.6641402	0.03235972	1	0.19242909	0.31538153	1
QSOX2	-0.4025167	0.92602	1	0.61848322	0.52815608	1
QTRT1	-0.7598495	0.33394081	1	-0.1145321	0.73608321	1
QTRT2	0.54951307	0.20449732	1	0.06864543	0.71170068	1
R3HCC1	2.98854192	0.89260809	1	-1.4977533	0.13801886	1
R3HCC1L	0.09412061	0.45416244	1	-0.0810845	0.91763647	1
R3HDM1	-0.5442696	0.29327233	1	0.25263616	0.37323776	1
R3HDM2	-0.3712126	0.17033271	1	-0.1755817	0.13071713	1
R3HDM4	0.41822517	0.36051	1	0.06605461	0.84347053	1
R3HDML	0.27443917	1	1	1.26303441	1	1
RAB10	-0.5057481	0.26164818	1	-0.7014231	0.00771489	1
RAB11A	0.54582344	0.15160668	1	-1.4071493	0.1080913	1
RAB11B	-1.0344912	0.27803288	1	-0.3350679	0.25615158	1
RAB11FIP1	-0.5769182	0.06227011	1	0.19613848	0.89907792	1
RAB11FIP2	0.13825654	0.51205937	1	-0.0046318	0.94627152	1
RAB11FIP3	-0.2491743	0.82684971	1	-0.049523	0.51944274	1

RAB11FIP4	-2.3401737	0.06328379	1	-2.1205626	0.0405649	1
RAB11FIP5	-7.7742256	0.36779564	1	-7.2108434	0.3629285	1
RAB12	-0.6532387	0.60879428	1	-0.0196451	0.78607342	1
RAB13	0.10715438	0.57473755	1	-2.1540998	0.00251293	1
RAB14	-0.7600491	0.15342274	1	-0.3458657	0.53797273	1
RAB15	-1.7988397	0.25076778	1	2.23665064	0.52223338	1
RAB17	0.27443917	1	1	1.26303441	1	1
RAB18	-0.5280647	0.16633272	1	-0.3953304	0.46268212	1
RAB19	0.27443917	1	1	1.26303441	1	1
RAB1A	-0.2643383	0.47790156	1	-0.1538269	0.37391403	1
RAB1B	-1.2936887	0.09296841	1	-0.9847886	0.10627661	1
RAB20	-8.5431583	0.11486391	1	-9.6893161	0.03005553	1
RAB21	0.41160205	0.29281973	1	0.43882923	0.37838858	1
RAB22A	-0.0445748	0.75415777	1	-0.315092	0.57782936	1
RAB23	-9.3271481	0.06784723	1	-8.9622494	0.1474095	1
RAB24	2.1377653	0.30205972	1	0.12334221	0.68735756	1
RAB25	0.27443917	1	1	1.26303441	1	1
RAB26	0.27443917	1	1	1.26303441	1	1
RAB27A	0.08877534	0.45897822	1	-0.1594643	0.90131555	1
RAB27B	-0.1339729	0.41572034	1	0.8604665	0.13322872	1
RAB28	0.06277925	0.40373194	1	0.40417921	0.37909841	1
RAB29	0.60838654	0.6503147	1	0.662569	0.51678353	1
RAB2A	-0.3147404	0.12367875	1	0.11690509	0.52566511	1
RAB2B	-0.5605668	0.60809795	1	-1.0261759	0.23387164	1
RAB30	0.15164914	0.51164527	1	-0.361437	0.23566223	1
RAB31	0.4286954	0.29965244	1	0.67489683	0.58501931	1
RAB32	-8.8759628	0.11486391	1	-10.389665	0.00391757	1
RAB33A	0.27443917	1	1	1.26303441	1	1
RAB33B	-0.3158452	0.73544378	1	-0.0895255	0.69588778	1
RAB34	7.67733933	0.2752184	1	-0.8796346	0.84581067	1
RAB35	0.42488522	0.2846973	1	0.53260894	0.29071287	1
RAB36	0.27443917	1	1	-7.2070419	0.52259551	1
RAB37	0.94456029	0.12301097	1	-0.1343295	0.24359979	1
RAB38	0.27443917	1	1	-5.2208994	0.52259551	1
RAB39A	2.08761967	0.89260809	1	-0.8617584	0.29307123	1
RAB39B	0.27443917	1	1	-6.5792872	0.3629285	1
RAB3A	0.27443917	1	1	-5.3653543	0.52259551	1
RAB3B	0.27443917	1	1	-6.8555516	0.52259551	1
RAB3C	0.27443917	1	1	1.26303441	1	1
RAB3D	-7.0810037	0.36779564	1	-6.5039958	0.52259551	1
RAB3GAP1	0.26710789	0.34953411	1	0.49360351	0.12257392	1
RAB3GAP2	-0.9685225	0.08630199	1	-0.4528473	0.43764873	1
RAB3IL1	0.27443917	1	1	-4.8619623	0.3629285	1

RAB3IP	0.27443917	1	1	-8.2893972	0.3629285	1
RAB40A	0.27443917	1	1	1.26303441	1	1
RAB40AL	-0.1763963	0.91848155	1	0.03088496	0.81592409	1
RAB40B	1.26212709	0.84452255	1	0.45225429	0.60321842	1
RAB40C	0.03920915	0.94104209	1	0.8808922	0.78119139	1
RAB41	0.27443917	1	1	1.26303441	1	1
RAB42	0.27443917	1	1	-6.8357842	0.52259551	1
RAB43	-0.141113	0.80214444	1	-0.4439342	0.42753104	1
RAB44	-0.7126979	0.68052236	1	-0.2090004	0.88397598	1
RAB4A	-0.4823975	0.59812228	1	-0.5481798	0.13361284	1
RAB4B	-7.8820648	0.36779564	1	-7.8277438	0.3629285	1
RAB5A	0.52135217	0.09640202	1	-0.0144415	0.72191105	1
RAB5B	0.7709417	0.17050047	1	-0.0008403	0.92307716	1
RAB5C	-0.9116413	0.16027378	1	-0.5317319	0.31514048	1
RAB6A	-0.0396167	0.66076546	1	0.02217082	0.8949126	1
RAB6B	0.27443917	1	1	1.26303441	1	1
RAB7A	-0.5364692	0.45298801	1	-0.0522997	0.94004105	1
RAB7B	0.27443917	1	1	-9.5928155	0.05042498	1
RAB8A	-0.4463473	0.26272755	1	-0.5426445	0.06056139	1
RAB8B	-0.6099288	0.10878568	1	-0.0645765	0.79856148	1
RAB9A	1.04005535	0.34097321	1	-0.4020316	0.2871712	1
RAB9B	0.95495075	0.53349969	1	0.53264847	0.86413962	1
RABAC1	-0.9250138	0.18785872	1	-2.4761395	5.79E-08	0.0015976
RABEP1	-0.3801791	0.29490946	1	-0.1642256	0.38494761	1
RABEP2	-0.8675452	0.91839276	1	-0.160382	0.49826223	1
RABEPK	-1.6365241	0.25461926	1	-1.6860199	0.05854295	1
RABGAP1	-0.4539064	0.34611511	1	0.38924131	0.31418554	1
RABGAP1L	0.24059971	0.04524436	1	0.56830162	2.85E-05	0.78563893
RABGGTA	-1.3433597	0.8025791	1	0.83266885	0.15869376	1
RABGGTB	0.06222752	0.17737691	1	0.4263436	0.24187927	1
RABIF	0.31320795	0.51574504	1	-2.0883832	0.05918476	1
RABL2B	-2.1407712	0.15515016	1	-1.8452953	0.20048789	1
RABL3	1.37575617	0.48691404	1	0.77504861	0.94827316	1
RABL6	-0.1273146	1	1	-0.1587286	0.59585917	1
RAC1	-0.9184881	0.2019618	1	-1.7799252	1.94E-06	0.05367561
RAC2	0.30978208	0.43575651	1	-1.3742209	2.72E-06	0.07514428
RAC3	0.27443917	1	1	-4.2111359	0.52259551	1
RACGAP1	2.70407866	0.22569004	1	3.47440199	0.12766079	1
RACK1	0.23566781	0.73965325	1	-2.2932373	5.39E-18	1.49E-13
RAD1	-2.0453118	0.15700157	1	-2.2303149	0.03069166	1
RAD17	-0.0721736	0.79396885	1	-0.5470643	0.67554852	1
RAD18	-0.3061167	0.40823509	1	-0.3142638	0.49946985	1
RAD21	-0.8815577	0.03772684	1	-0.6455867	0.02862095	1

RAD21L1	0.27443917	1	1	1.26303441	1	1
RAD23A	0.29670029	0.54824194	1	-0.4282187	0.29201401	1
RAD23B	0.13884402	0.85092835	1	-0.0117971	0.61739693	1
RAD50	-0.5367847	0.3372728	1	-0.4203796	0.29235862	1
RAD51	2.26088192	0.89260809	1	-0.3130181	0.84581067	1
RAD51AP1	0.27443917	1	1	-8.1056161	0.52259551	1
RAD51AP2	0.27443917	1	1	1.26303441	1	1
RAD51B	-0.4464555	0.19445307	1	0.63432011	0.20976164	1
RAD51C	-0.7017661	0.68901668	1	-0.7383301	0.74251265	1
RAD51D	-0.6960215	0.88262836	1	-0.4187403	0.75197502	1
RAD52	-0.267613	0.95907902	1	0.39971311	0.54183807	1
RAD54B	-0.7626704	0.90231962	1	-2.9246206	0.21754771	1
RAD54L	-7.284789	0.36779564	1	-9.4001676	0.1474095	1
RAD54L2	-0.5204007	0.28496072	1	0.23163139	0.53060719	1
RAD9A	-0.4611863	0.52680178	1	-0.1461111	0.95057158	1
RAD9B	0.27443917	1	1	-8.918824	0.1474095	1
RADIL	0.27443917	1	1	1.26303441	1	1
RADX	-7.3858295	0.36779564	1	-7.6653881	0.26373073	1
RAE1	0.19729884	0.70207794	1	0.55993861	0.44715101	1
RAF1	-0.2651607	0.30149628	1	0.01780555	0.85174887	1
RAG1	0.27443917	1	1	1.26303441	1	1
RAG2	0.27443917	1	1	1.26303441	1	1
RAI1	1.76158478	0.00014172	1	1.62741681	1.72E-05	0.47403964
RAI14	6.97043224	0.2752184	1	7.95902748	0.12281968	1
RAI2	0.27443917	1	1	1.26303441	1	1
RALA	-0.36351	0.75045443	1	0.26851933	0.88658964	1
RALB	-0.0531341	0.14383563	1	-0.6360921	0.01697458	1
RALBP1	-0.7051451	0.149857	1	-1.1722598	0.00127802	1
RALGAPA1	-0.1745316	0.35629354	1	0.24260037	0.6892653	1
RALGAPA2	-0.2509076	0.22607578	1	0.44899561	0.10580542	1
RALGAPB	-0.0330528	0.95373104	1	0.44379252	0.23195908	1
RALGDS	0.23579656	0.47016263	1	0.09037849	0.90068852	1
RALGPS1	0.81129091	0.30730366	1	-0.152883	0.85934435	1
RALGPS2	0.12567821	0.24176135	1	0.32883645	0.14077782	1
RALY	0.08591174	0.47016823	1	0.56712874	0.05410027	1
RALYL	-0.6007149	0.68052236	1	9.24648214	0.12281968	1
RAMAC	-0.0457887	0.96251788	1	-2.4460555	0.00110753	1
RAMP1	-9.4479849	0.11486391	1	-9.9582431	0.08544191	1
RAMP2	0.27443917	1	1	1.26303441	1	1
RAMP3	0.27443917	1	1	1.26303441	1	1
RAN	0.08104441	0.81746835	1	-1.2295233	0.0004194	1
RANBP1	-2.5875322	0.05934072	1	-2.9792389	0.00082166	1
RANBP10	0.00384822	0.6111715	1	0.39173695	0.99482799	1

RANBP17	0.27443917	1	1	1.26303441	1	1
RANBP3	-0.2168023	0.97224261	1	1.35700089	0.01735615	1
RANBP3L	-0.7523338	0.4226224	1	-1.7152753	0.37197527	1
RANBP6	-0.4112886	0.95315705	1	-1.4323728	0.06924743	1
RANBP9	-0.1250019	0.47542859	1	0.29541254	0.33629769	1
RANGAP1	-1.1715991	0.3215664	1	-1.4727013	0.08537806	1
RANGRF	-2.0491825	0.2572727	1	-3.0194057	0.04770358	1
RAP1A	-0.2174977	0.6721964	1	-0.3195576	0.22664821	1
RAP1B	-0.2920423	0.18068709	1	-0.1618408	0.07240835	1
RAP1GAP	-8.8790855	0.19965135	1	-6.2203702	0.3629285	1
RAP1GAP2	-0.7116003	0.1985065	1	4.15366923	1.03E-05	0.28517621
RAP1GDS1	-0.1169693	0.90066035	1	0.44740731	0.06279375	1
RAP2A	0.1614893	0.38223021	1	-0.1897663	0.86592067	1
RAP2B	0.12858157	0.4634873	1	-1.5263261	0.24954369	1
RAP2C	-0.2234305	0.92653218	1	-0.3654147	0.51430404	1
RAPGEF1	-0.5141803	0.11215271	1	0.1098854	0.12990201	1
RAPGEF2	0.42681197	0.22138572	1	0.56846027	0.03478245	1
RAPGEF3	-7.3535866	0.19965135	1	1.26303441	1	1
RAPGEF4	1.1826633	0.00456814	1	2.77611867	2.57E-05	0.70791268
RAPGEF5	0.96364515	0.89260809	1	5.04632404	0.52223338	1
RAPGEF6	-0.1550716	0.57423366	1	0.17908238	0.2596932	1
RAPGEFL1	-1.8642724	0.35662101	1	-0.2490867	0.61094938	1
RAPH1	0.41554308	0.25081547	1	0.41268679	0.51814263	1
RAPSN	-0.3285496	0.81082991	1	0.13389783	0.46272181	1
RARA	-0.0084135	0.98740975	1	0.76077571	0.28565222	1
RARB	0.5059582	0.89260809	1	-0.0436207	0.85064705	1
RARG	-0.0952019	0.7916076	1	1.18276369	0.4508128	1
RARRES1	-1.0019244	0.46277583	1	-2.2646367	0.05617745	1
RARRES2	0.27443917	1	1	1.26303441	1	1
RARS	0.12796178	0.67045577	1	0.46787243	0.26504324	1
RARS2	-0.2054996	0.67225029	1	-0.1800024	0.52738572	1
RASA1	-0.2519834	0.8059277	1	0.14513837	0.3645325	1
RASA2	-0.2581694	0.11301149	1	0.52169601	0.01996812	1
RASA3	0.85316206	0.00318284	1	1.33941644	7.01E-06	0.19332736
RASA4B	0.27443917	1	1	1.26303441	1	1
RASAL1	0.27443917	1	1	1.26303441	1	1
RASAL2	0.77929697	0.71183318	1	0.94668847	0.75747275	1
RASAL3	-0.3691698	0.63750947	1	-0.210387	0.5232522	1
RASD1	-0.8424694	0.90231962	1	7.22595472	0.12281968	1
RASD2	0.27443917	1	1	1.26303441	1	1
RASEF	-6.8152308	0.36779564	1	1.26303441	1	1
RASGEF1A	1.56030724	0.50164502	1	-0.2982973	0.19941337	1
RASGEF1B	0.0314889	0.64669023	1	0.55892585	0.10852941	1

RASGEF1C	0.27443917	1	1	-7.5284576	0.26373073	1
RASGRF1	8.8807794	0.12052946	1	1.46066198	0.365771	1
RASGRF2	-8.5297897	0.36779564	1	-6.6622063	0.52259551	1
RASGRP1	-0.4317891	0.26500566	1	0.13456902	0.93696107	1
RASGRP2	-0.9836177	0.33860579	1	-0.1978749	0.81774188	1
RASGRP3	8.76707513	0.2752184	1	9.75567036	0.12281968	1
RASGRP4	0.27443917	1	1	1.26303441	1	1
RASL10A	-1.4681154	0.67317602	1	-0.6095809	0.64825479	1
RASL10B	0.27443917	1	1	-6.795098	0.3629285	1
RASL11A	8.88034963	0.12052946	1	0.50682593	0.59936951	1
RASL11B	6.97043224	0.2752184	1	7.95902748	0.12281968	1
RASL12	0.27443917	1	1	1.26303441	1	1
RASSF1	0.52319699	0.0804694	1	-0.2466328	0.0923216	1
RASSF10	0.27443917	1	1	1.26303441	1	1
RASSF2	0.80520916	0.09009709	1	0.61268938	0.14811714	1
RASSF3	0.24801579	0.23752316	1	0.15534815	0.28621827	1
RASSF4	-8.9952349	0.11486391	1	-10.012906	0.03005553	1
RASSF5	0.48911623	0.1474431	1	-0.3597818	0.87284626	1
RASSF6	-1.9195759	0.41260835	1	-1.9412688	0.48702665	1
RASSF7	0.95685704	0.84452255	1	-0.7240404	0.4124335	1
RASSF8	-1.5405562	0.41759769	1	-1.4600377	0.17618857	1
RASSF9	-7.730174	0.36779564	1	1.26303441	1	1
RAVER1	-0.2014468	0.78682126	1	-0.617805	0.69588778	1
RAVER2	-0.6563609	0.60439408	1	-0.2037672	0.41037176	1
RAX2	7.21585798	0.2752184	1	8.20445321	0.12281968	1
RB1	0.06998928	0.9308388	1	0.20538954	0.90607168	1
RB1CC1	-0.1665161	0.86485106	1	0.27918509	0.24011529	1
RBAK	-0.4292214	0.66571598	1	0.79167872	0.10847732	1
RBBP4	-0.4585092	0.4994556	1	-0.1712608	0.26602377	1
RBBP5	-0.5758399	0.944865	1	-1.4591525	0.00628564	1
RBBP6	0.26891696	0.34060733	1	0.12261692	0.97706395	1
RBBP7	-0.6080717	0.53670511	1	-0.6599422	0.25330703	1
RBBP8	0.42816981	0.27219569	1	0.77516949	0.14269368	1
RBBP8NL	0.27443917	1	1	1.26303441	1	1
RBBP9	0.27443917	1	1	-7.5928177	0.3629285	1
RBCK1	-0.3587196	0.83709384	1	-0.1396917	0.65633186	1
RBFA	0.40595264	0.35840231	1	-0.8461901	0.1181361	1
RBFOX1	-1.0465044	0.64101723	1	0.59092772	0.26938028	1
RBFOX2	-3.1282961	0.00037781	1	-1.1313051	0.10729063	1
RBFOX3	-0.5478288	0.90231962	1	0.15271191	0.85064705	1
RBIS	0.58345702	0.94649553	1	-1.6076006	0.00039492	1
RBKS	-0.4490672	0.55025887	1	0.8591591	0.74692068	1
RBL1	0.14514026	0.32678446	1	0.29994978	0.20011434	1

RBL2	-0.0473054	0.86043584	1	-0.3947273	0.12496734	1
RBM10	-0.1940036	0.65559004	1	0.25980102	0.98316843	1
RBM11	1.75756883	0.45738523	1	0.7962953	0.15869376	1
RBM12	0.47034419	0.02804705	1	0.43612995	0.06610812	1
RBM12B	0.54544615	0.19671234	1	1.53241903	0.00036737	1
RBM15	0.68785109	0.1290005	1	1.05269286	0.0461394	1
RBM15B	-7.9876856	0.19965135	1	-9.6171117	0.11188911	1
RBM17	-0.3732386	0.58874411	1	-0.1195677	0.91466336	1
RBM18	-1.5416772	0.01789601	1	-1.3541833	0.05254599	1
RBM19	0.65009144	0.13717666	1	0.91076473	0.05078559	1
RBM20	1.12777177	0.12000471	1	0.27632214	0.95596104	1
RBM22	-1.1380094	0.12992703	1	-0.8385828	0.07555003	1
RBM23	-1.4918846	0.12799404	1	-1.3769445	0.03404086	1
RBM24	0.27443917	1	1	1.26303441	1	1
RBM25	-0.8350861	0.00308523	1	-0.2559247	0.45525739	1
RBM26	-0.0272939	0.47686361	1	0.30920874	0.11743232	1
RBM27	-0.4680873	0.43139956	1	0.06039405	0.71004909	1
RBM28	-0.4176923	0.8405703	1	-0.3670711	0.59374604	1
RBM3	-0.0836079	0.90072231	1	-0.7873918	0.01023689	1
RBM33	0.02809239	0.91443627	1	0.23487304	0.35912388	1
RBM34	0.41315347	0.90470673	1	0.02267644	0.4578821	1
RBM38	-1.3902319	0.14872333	1	-1.8874556	0.07105641	1
RBM39	0.0084959	0.54847687	1	-0.311471	0.11053562	1
RBM41	-0.1570124	0.8801048	1	-0.2183901	0.7737872	1
RBM42	0.14798606	0.54905584	1	-1.2589298	0.05087297	1
RBM43	0.14154998	0.74491695	1	0.00517521	0.42860746	1
RBM44	-0.5227918	0.68789913	1	1.84236119	0.52223338	1
RBM45	5.47677158	0.00173219	1	1.70302338	0.0014745	1
RBM46	7.66031053	0.2752184	1	8.64890577	0.12281968	1
RBM47	-2.6229489	0.01115603	1	-1.7648308	0.03121069	1
RBM48	-2.0939781	0.09886723	1	-1.7923921	0.5019849	1
RBM5	-0.2922058	0.23282764	1	-0.1078003	0.51653279	1
RBM6	-0.148587	0.58706848	1	0.1328288	0.6574418	1
RBM7	0.38664961	0.54124985	1	-0.8168513	0.12064676	1
RBM8A	0.40251257	0.84821602	1	-1.4027454	0.00071422	1
RBMS1	0.311215	0.02273573	1	0.59575526	0.00027199	1
RBMS2	-2.246703	0.06559487	1	-2.0407255	0.10079885	1
RBMS3	-0.7898185	0.68052236	1	0.88609373	0.52790957	1
RBMX	0.05980599	0.91347612	1	-0.6207881	0.02124101	1
RBMX2	-1.0978245	0.55540624	1	-2.8368695	0.01117962	1
RBMXL1	-0.1639604	1	1	0.90381977	0.24002986	1
RBP1	0.27443917	1	1	1.26303441	1	1
RBP2	0.27443917	1	1	1.26303441	1	1

RBP3	0.27443917	1	1	1.26303441	1	1
RBP4	-7.0491558	0.36779564	1	-8.9386386	0.1474095	1
RBP5	0.27443917	1	1	1.26303441	1	1
RBP7	0.27443917	1	1	1.26303441	1	1
RBPJ	-0.2980973	0.28219403	1	-0.0364276	0.52570472	1
RBPJL	0.27443917	1	1	1.26303441	1	1
RBPMS	0.76404188	0.42645919	1	1.49722593	0.00013062	1
RBPMS2	0.27443917	1	1	1.26303441	1	1
RBSN	-0.5028103	0.88111921	1	0.32987615	0.38723068	1
RBX1	-0.1985089	0.71415572	1	-1.1876729	0.00025272	1
RC3H1	-0.5709462	0.27779783	1	-0.4923535	0.09507423	1
RC3H2	-0.5151826	0.80295193	1	-0.0802312	0.73062124	1
RCAN1	1.34577495	0.21150834	1	0.48822548	0.43402551	1
RCAN2	-0.321929	0.37062913	1	-0.7298229	0.40603132	1
RCAN3	0.39564898	0.1606195	1	0.32542914	0.34939993	1
RCBTB1	-1.074872	0.05805172	1	-0.4906073	0.43711492	1
RCBTB2	0.12817511	0.10076822	1	0.19012352	0.23999164	1
RCC1	0.11660427	0.97378301	1	-0.6895137	0.0656629	1
RCC1L	-1.2276215	0.04640298	1	-1.2795132	0.01687127	1
RCC2	-0.3273343	0.35494039	1	0.22223185	0.70658317	1
RCCD1	0.27443917	1	1	-7.4131193	0.3629285	1
RCE1	1.81216023	0.89260809	1	-2.6171657	0.28311048	1
RCHY1	0.16092752	0.59145442	1	-0.0917006	0.99476371	1
RCL1	0.97263195	0.08380954	1	-0.0254325	0.99330255	1
RCN1	-0.5501881	0.37775956	1	-1.1727311	0.16878325	1
RCN2	-0.3274098	0.79002376	1	-0.4651346	0.35394999	1
RCN3	0.27443917	1	1	-7.4913873	0.26373073	1
RCOR1	-0.2239747	0.66440376	1	0.66808706	0.04609799	1
RCOR2	-9.4417263	0.19965135	1	-8.6385838	0.1474095	1
RCOR3	-0.0918321	0.81649383	1	0.24978859	0.27054975	1
RCSD1	0.3135586	0.03991721	1	0.58117258	0.0027751	1
RCVRN	-0.24044	0.83021289	1	1.90112595	0.26286061	1
RD3	0.27443917	1	1	1.26303441	1	1
RDH10	2.92565027	0.45132853	1	0.49947927	0.82989806	1
RDH11	1.6693447	0.28526399	1	-0.7056633	0.29046801	1
RDH12	8.82768764	0.12052946	1	9.81628287	0.02855238	1
RDH13	-7.8095365	0.36779564	1	-8.3892368	0.1958879	1
RDH14	1.04924572	0.33254563	1	-1.0034359	0.26011561	1
RDH16	0.27443917	1	1	1.26303441	1	1
RDH5	-0.8069642	0.94847897	1	0.6438392	0.2084863	1
RDH8	0.27443917	1	1	1.26303441	1	1
RDM1	-7.5569148	0.36779564	1	-7.3655525	0.52259551	1
RDX	-0.1763289	0.49537522	1	-0.006927	0.55007215	1

REC114	-1.2573046	0.1047621	1	-0.0209655	0.52157589	1	
REC8	2.06491176	0.89260809	1	8.64890577	0.12281968	1	
RECK	-0.5033244	0.56020917	1	-0.3079944	0.78379585	1	
RECQL	-1.2287343	0.21051513	1	-0.4267115	0.36078595	1	
RECQL4	-6.3243319	0.36779564	1	-4.2111359	0.52259551	1	
RECQL5	2.70733043	0.45132853	1	-0.4773281	0.78379585	1	
REELD1	0.04726952	0.81908362	1	1.09011609	0.13616793	1	
REEP1	-9.6065329	0.11486391	1	-6.8357842	0.52259551	1	
REEP2	-7.9030652	0.36779564	1	-6.5284919	0.52259551	1	
REEP3	0.17912636	0.11051716	1	0.60141024	0.02437441	1	
REEP4	8.07741448	0.2752184	1	-0.0264461	0.64825479	1	
REEP5	-1.1897999	0.00684018	1	-0.8881609	0.01357077	1	
REEP6	0.27443917	1	1	-8.2443822	0.26373073	1	
REL	-0.1995008	0.65739463	1	-0.2581071	0.33240153	1	
RELA	-0.8133583	0.35044551	1	-0.0807115	0.89722473	1	
RELB	-0.8971809	0.22950199	1	-0.7079851	0.25865239	1	
RELCH	-0.2043113	0.91160162	1	-0.0811216	0.57406982	1	
RELL1	0.27633033	0.44596168	1	-0.4803479	0.10449852	1	
RELL2	-1.6008019	0.15686364	1	-0.3154547	0.79055055	1	
RELN	0.27443917	1	1	-7.2272674	0.3629285	1	
RELT	-0.0403664	0.57473755	1	-1.5306548	0.10596644	1	
REM1	0.27443917	1	1	1.26303441	1	1	
REM2	0.27443917	1	1	-6.7882866	0.52259551	1	
REN	0.27443917	1	1	1.26303441	1	1	
RENBP	-9.0972133	0.06784723	1	-9.7427151	0.03005553	1	
REP15	7.21585798	0.2752184	1	8.20445321	0.12281968	1	
REPIN1	-0.0678233	0.90231962	1	-2.0124101	0.13702304	1	
REPS1	-0.2946238	0.51796415	1	0.12827708	0.60724751	1	
REPS2	1.74986266	0.50164502	1	0.36731612	0.7524457	1	
RER1	-0.1825453	0.7685686	1	-1.6652977	3.49E-05	0.96350468	
RERE	0.16468271	0.37524912	1	0.69260429	0.00041765	1	
RERG	0.27443917	1	1	1.26303441	1	1	
RERGL	0.27443917	1	1	1.26303441	1	1	
RESF1	0.62264654	0.00035272	1	0.78754587	6.86E-06	0.18935871	
RESP18	0.27443917	1	1	1.26303441	1	1	
REST	0.07866595	0.91729718	1	-0.5482028	0.20252395	1	
RET	0.27443917	1	1	1.26303441	1	1	
RETN	0.09410533	0.5740869	1	-2.5012613	1.48E-19	4.09E-15	
RETNLB	0.27443917	1	1	1.26303441	1	1	
RETREG1	0.46018136	0.07932221	1	0.64552443	0.01827453	1	
RETREG2	-2.6340523	0.09660499	1	-1.6658351	0.12981126	1	
RETREG3	-0.3747715	0.65756374	1	-0.2295172	0.47196654	1	
RETSAT	-0.8250561	0.39672399	1	-0.8832814	0.34194367	1	

REV1	-0.4401431	0.5007542	1	0.40488937	0.33268357	1
REV3L	-0.3318543	0.2198939	1	0.10667677	0.99000572	1
REX1BD	-0.1435561	0.67061843	1	-1.8245083	4.23E-05	1
REXO1	-0.6613279	0.36426219	1	1.42440178	0.03137067	1
REXO2	-0.0239548	0.90324117	1	-1.1802455	0.00262183	1
REXO4	0.77989859	0.34585387	1	0.28672394	0.55096159	1
REXO5	2.91073015	0.45132853	1	0.10081707	0.61483126	1
RFC1	-0.54433	0.23662941	1	-0.4623852	0.05490047	1
RFC2	0.03455356	0.38859676	1	1.04043732	0.08965408	1
RFC3	0.63099655	0.25711461	1	1.23403328	0.03515709	1
RFC4	1.20904398	0.20403162	1	0.19359215	0.79440696	1
RFC5	-2.0040058	0.90231962	1	-1.8297689	0.37449073	1
RFESD	7.06868348	0.2752184	1	1.74586513	0.52223338	1
RFFL	0.5538465	0.68177813	1	0.41570938	0.96281196	1
RFK	-0.9101448	0.4376496	1	-1.0217738	0.33412023	1
RFLNA	0.27443917	1	1	1.26303441	1	1
RFLNB	1.23788474	0.21369652	1	1.10721524	0.13937591	1
RFNG	-0.5905951	0.68052236	1	-2.2098896	0.03869531	1
RFPL1	0.27443917	1	1	1.26303441	1	1
RFPL4A	0.27443917	1	1	1.26303441	1	1
RFT1	1.3467912	0.51059068	1	0.30172775	0.98174895	1
RFTN1	-0.1306849	0.90761755	1	0.46752992	0.12533263	1
RFTN2	0.27443917	1	1	-6.4176062	0.52259551	1
RFWD3	-0.0007805	0.80426586	1	0.00608096	0.55774817	1
RFX1	-0.3519824	0.65655026	1	-0.7638088	0.58737925	1
RFX2	-0.558089	0.20509495	1	-0.119324	0.4621648	1
RFX3	-0.2016807	0.79951846	1	0.50149445	0.00746778	1
RFX4	0.27443917	1	1	1.26303441	1	1
RFX5	-1.9222894	0.09732661	1	-2.2392507	0.13406883	1
RFX6	0.27443917	1	1	1.26303441	1	1
RFX7	-0.2420754	0.93393508	1	0.15775212	0.29463054	1
RFX8	-0.5627194	0.5373936	1	0.40224988	0.3259445	1
RFXANK	-10.011077	0.06784723	1	-10.074935	0.01082624	1
RFXAP	3.03692881	0.45132853	1	0.24998942	0.60321842	1
RGCC	0.27389872	0.95764309	1	0.41410626	0.85469204	1
RGL1	-9.7404136	0.11486391	1	-9.0969969	0.08544191	1
RGL2	0.20354695	0.62227053	1	-0.5585974	0.08180727	1
RGL3	-7.3204156	0.19965135	1	-6.087343	0.26373073	1
RGMA	0.27443917	1	1	1.26303441	1	1
RGMB	0.93038609	0.21965172	1	1.44929441	0.12845764	1
RGN	0.27443917	1	1	1.26303441	1	1
RGP1	9.78452538	0.12052946	1	1.63804083	0.82202434	1
RGR	0.27443917	1	1	1.26303441	1	1

RGS1	-0.8339555	0.66154343	1	-0.1316442	0.71289719	1
RGS10	0.63069855	0.34870716	1	-0.4370701	0.46764009	1
RGS11	9.39408187	0.12052946	1	2.13370979	0.35926299	1
RGS12	-0.1634651	0.74753463	1	1.31720149	0.25843867	1
RGS13	0.27443917	1	1	-6.1415557	0.52259551	1
RGS14	1.39892412	0.02682638	1	1.82144291	0.00377679	1
RGS16	-0.3810026	0.21613998	1	-0.7574431	0.00801029	1
RGS17	-0.1762606	0.35670868	1	0.26394015	0.53194288	1
RGS18	2.32928209	0.04579784	1	1.69232444	0.08033959	1
RGS19	-0.4988186	0.27406389	1	-0.9313843	0.07086052	1
RGS2	-0.2089886	0.47801204	1	-1.42481	0.01766374	1
RGS20	-9.0970683	0.19965135	1	-8.3369165	0.26373073	1
RGS21	0.27443917	1	1	1.26303441	1	1
RGS22	-0.8542812	0.90231962	1	-0.8121576	0.84581067	1
RGS3	-0.7222885	0.56566577	1	0.11886783	0.63325069	1
RGS5	0.27443917	1	1	1.26303441	1	1
RGS6	11.3271815	0.05637677	1	4.478221	0.0451437	1
RGS7	-9.3708301	0.19965135	1	-8.360907	0.26373073	1
RGS7BP	-8.3316009	0.36779564	1	1.26303441	1	1
RGS8	0.27443917	1	1	1.26303441	1	1
RGS9	-1.0051364	0.00720164	1	-0.0328457	0.52954224	1
RGS9BP	8.42076024	0.2752184	1	9.40935548	0.12281968	1
RGSL1	0.27443917	1	1	1.26303441	1	1
RHAG	0.27443917	1	1	1.26303441	1	1
RHBDD1	-0.5831565	0.83894597	1	0.9793404	0.0110107	1
RHBDD2	-2.2835737	0.06404656	1	-1.8028867	0.0806482	1
RHBDD3	-4.026286	0.09208856	1	-3.6543488	0.220656	1
RHBDF1	0.27443917	1	1	1.26303441	1	1
RHBDF2	-0.8360301	0.46627658	1	-0.6769971	0.47506281	1
RHBDL1	0.27443917	1	1	-7.721427	0.3629285	1
RHBDL2	-7.8976829	0.36779564	1	-8.5653413	0.1958879	1
RHBDL3	-9.4636526	0.36779564	1	-8.4281783	0.26373073	1
RHBG	0.27443917	1	1	1.26303441	1	1
RHCE	-2.5538276	0.41260835	1	-3.4472365	0.07779863	1
RHCG	0.27443917	1	1	1.26303441	1	1
RHEB	0.13525487	0.16347659	1	-0.0528024	0.8844828	1
RHEBL1	9.91380117	0.02713794	1	0.30059034	0.3259445	1
RHEX	0.70474398	0.84452255	1	-0.1275177	0.83384139	1
RHNO1	-0.9272595	0.80862687	1	-1.9339718	0.05083017	1
RHO	0.27443917	1	1	1.26303441	1	1
RHOA	-0.3162513	0.18114883	1	-0.7384205	5.71E-05	1
RHOB	-1.6392489	0.2253508	1	-2.0138463	0.01696303	1
RHOBTB1	1.17181839	0.0490818	1	0.45626275	0.29476097	1

RHOBTB2	-9.0941466	0.06784723	1	1.26303441	1	1
RHOBTB3	-1.0497305	0.53342098	1	-0.1529561	0.60626635	1
RHOC	-1.129617	0.24626241	1	-2.3614826	0.01500767	1
RHOD	-0.153223	0.90231962	1	9.30037047	0.12281968	1
RHOF	0.56367471	0.09260575	1	-0.2029156	0.50154301	1
RHOG	-0.1378379	0.39606738	1	-0.9811718	0.00311783	1
RHOH	-0.0096092	0.70370781	1	0.09107097	0.99952195	1
RHOJ	-8.4864913	0.19965135	1	1.26303441	1	1
RHOQ	-1.4538033	0.08532822	1	-1.2437001	0.02618303	1
RHOT1	-0.3747763	0.39022361	1	-0.1479077	0.55882491	1
RHOT2	-1.0107423	0.24839288	1	-0.8918725	0.24383218	1
RHOU	7.71028999	0.2752184	1	-0.9825252	0.64032309	1
RHOV	0.27443917	1	1	1.26303441	1	1
RHOXF1	-1.2620962	0.15457024	1	0.48676934	0.94819686	1
RHOXF2	-6.7036461	0.36779564	1	-5.4974916	0.52259551	1
RHPN1	0.27443917	1	1	1.26303441	1	1
RHPN2	9.06207114	0.2752184	1	0.93302821	0.8783593	1
RIBC1	9.00179122	0.2752184	1	-0.6213227	0.49657976	1
RIBC2	0.27443917	1	1	-8.2179314	0.26373073	1
RIC1	-0.8115863	0.30712233	1	-0.3682683	0.39296802	1
RIC3	-2.3536551	0.15345093	1	-2.0176012	0.12744245	1
RIC8A	-1.7112848	0.23874614	1	-1.5049592	0.16284956	1
RIC8B	-0.356282	0.88678438	1	0.3159893	0.23067672	1
RICTOR	-0.0150828	0.92491419	1	0.14671839	0.21598984	1
RIDA	0.05377487	0.7964018	1	0.38028288	0.83330397	1
RIF1	0.06806993	0.76933916	1	0.4709452	0.33267719	1
RIIAD1	-9.2079439	0.19965135	1	1.26303441	1	1
RILP	-7.8260189	0.19965135	1	-7.0341869	0.26373073	1
RILPL1	-0.36091	0.34931497	1	0.0065859	0.75797008	1
RILPL2	-1.9127802	0.00493033	1	-1.753738	0.00152818	1
RIMBP2	2.03091987	0.22904601	1	2.04581382	0.13044933	1
RIMKLA	0.27443917	1	1	-7.9343965	0.26373073	1
RIMKLB	-0.4192595	0.88923822	1	-0.0753891	0.87601069	1
RIMS1	0.27443917	1	1	1.26303441	1	1
RIMS2	0.27443917	1	1	-3.4307288	0.52259551	1
RIMS3	0.27443917	1	1	-8.5826401	0.52259551	1
RIMS4	0.27443917	1	1	1.26303441	1	1
RIN1	9.2546709	0.2752184	1	3.77533961	0.52223338	1
RIN2	-0.0493336	0.68156465	1	0.5409481	0.46541954	1
RIN3	-0.0054282	0.86643934	1	0.58846648	0.05664217	1
RING1	-1.573048	0.15490611	1	-1.0662676	0.12868476	1
RINL	-0.1343844	0.57160009	1	-0.2452181	0.72947399	1
RINT1	-0.4429418	0.83784645	1	-0.4173869	0.16022537	1

RIOK1	-0.4220471	0.70489226	1	-0.0434326	0.99483461	1
RIOK2	-0.6457408	0.29437194	1	1.50488003	0.64224397	1
RIOK3	-0.6068345	0.27233873	1	-0.9461821	0.03320375	1
RIOX1	0.26356811	0.94847897	1	-0.4538858	0.08840727	1
RIOX2	1.28827042	0.01579879	1	1.63553021	0.00032475	1
RIPK1	-0.304625	0.54358779	1	-0.2658202	0.88408914	1
RIPK2	-0.3830375	0.61378731	1	-0.6682085	0.4724669	1
RIPK3	-2.0786122	0.15285381	1	-2.2410774	0.08197735	1
RIPK4	0.27443917	1	1	-6.5913026	0.52259551	1
RIPOR1	-0.7758817	0.7103373	1	0.30322046	0.83077792	1
RIPOR2	0.12281184	0.06596652	1	0.52726221	1.31E-05	0.36121521
RIPOR3	-1.349084	0.36709546	1	-0.677537	0.21621557	1
RIPPLY1	0.27443917	1	1	1.26303441	1	1
RIPPLY2	0.27443917	1	1	1.26303441	1	1
RIPPLY3	0.27443917	1	1	1.26303441	1	1
RIT1	-0.364722	0.98426458	1	-0.9881203	0.11181069	1
RIT2	0.27443917	1	1	-6.0573691	0.52259551	1
RITA1	-9.3991795	0.11486391	1	-8.9929233	0.1474095	1
RLBP1	0.27443917	1	1	-8.2425358	0.3629285	1
RLF	-0.2196835	0.36207558	1	0.17623963	0.56316384	1
RLIM	0.11668472	0.64162771	1	0.00754626	0.65011933	1
RLN3	2.77111402	0.22904601	1	1.93790525	0.13186121	1
RMC1	0.3945872	0.3591584	1	0.06090026	0.78467838	1
RMDN1	-0.4936241	0.82190516	1	-0.9086071	0.13719784	1
RMDN2	1.34332861	0.50164502	1	-0.7186583	0.50432974	1
RMDN3	-0.4824612	0.07984226	1	-1.079825	0.00066293	1
RMI1	-2.2915326	0.67317602	1	-3.6030274	0.04698056	1
RMI2	-7.9779962	0.36779564	1	-9.3810587	0.08544191	1
RMND1	0.07215605	0.40345759	1	0.04433334	0.5652092	1
RMND5A	-0.5211432	0.2218724	1	0.38067239	0.43522925	1
RMND5B	-1.3502496	0.63159326	1	-0.8403745	0.50667787	1
RNASE1	0.27443917	1	1	1.26303441	1	1
RNASE10	0.27443917	1	1	-4.4025832	0.52259551	1
RNASE2	8.68570995	0.2752184	1	-1.7002506	0.0838231	1
RNASE3	0.27443917	1	1	1.26303441	1	1
RNASE4	0.3940329	0.4634873	1	-1.60624	0.0811645	1
RNASE6	-0.2676202	0.26056869	1	-2.3978626	0.03840069	1
RNASE7	0.27443917	1	1	1.26303441	1	1
RNASE9	0.27443917	1	1	1.26303441	1	1
RNASEH1	-2.7268407	0.09773088	1	-2.1583899	0.06282064	1
RNASEH2A	8.60501667	0.2752184	1	-2.1652348	0.10593591	1
RNASEH2B	-0.3136896	0.72787209	1	-0.641917	0.26390236	1
RNASEH2C	-0.0281927	0.80980629	1	-2.1454168	0.00033349	1

RNASEK	-0.4290309	0.33334982	1	-2.2468187	7.67E-09	0.00021171
RNASEL	-1.8938099	0.41260835	1	-1.9706056	0.06443991	1
RNASET2	-0.3616151	0.43995032	1	-1.2371569	0.00020968	1
RND1	0.27443917	1	1	1.26303441	1	1
RND2	0.27443917	1	1	1.26303441	1	1
RND3	-8.1971641	0.36779564	1	-7.7369149	0.26373073	1
RNF10	0.43341473	0.22551468	1	-0.0437261	0.74442875	1
RNF103	0.85412279	0.16749741	1	-0.0284413	0.91043376	1
RNF11	-0.5660407	0.54928055	1	0.0989937	0.52902254	1
RNF111	-0.612396	0.31617738	1	0.42143304	0.13883226	1
RNF112	0.27443917	1	1	1.26303441	1	1
RNF113A	0.85195758	0.34870716	1	-1.4301466	0.03190829	1
RNF113B	0.27443917	1	1	1.26303441	1	1
RNF114	-0.0836893	0.62429841	1	-0.1828123	0.60298047	1
RNF115	-0.6534158	0.26324544	1	0.04295351	0.12669376	1
RNF121	-0.6377626	0.55010754	1	0.60988682	0.12218145	1
RNF122	-0.7917279	0.82532256	1	-1.2053459	0.56017402	1
RNF123	1.11247795	0.15705324	1	0.2176832	0.6056286	1
RNF125	0.15161157	0.15671428	1	0.01514975	0.70233877	1
RNF126	-0.3609716	0.73273804	1	-0.2303336	0.48893716	1
RNF128	0.27443917	1	1	1.26303441	1	1
RNF13	-0.0584319	0.71688989	1	0.47489817	0.12938355	1
RNF130	-0.0507674	0.52413649	1	0.40909905	0.10878552	1
RNF133	0.27443917	1	1	1.26303441	1	1
RNF135	1.08328813	0.76301358	1	-0.3636059	0.35795646	1
RNF138	-0.5465983	0.4130086	1	0.22290387	0.66861514	1
RNF139	0.24598036	0.95438969	1	-0.027545	0.65316124	1
RNF14	-0.8757508	0.93912831	1	0.43749023	0.61176051	1
RNF141	-2.0414101	0.04065471	1	-1.1623611	0.15259077	1
RNF144A	0.55277011	0.9536208	1	0.67687882	0.55786582	1
RNF144B	0.14774558	0.82464385	1	2.39513999	0.2607118	1
RNF145	-0.2361365	0.86169462	1	-0.0423408	0.95539691	1
RNF146	0.16182539	0.55410749	1	0.26407539	0.45462044	1
RNF149	-0.4229251	0.19934577	1	-0.171295	0.50631638	1
RNF150	2.23046273	0.45738523	1	2.92713669	0.365771	1
RNF151	0.27443917	1	1	1.26303441	1	1
RNF152	0.27443917	1	1	1.26303441	1	1
RNF157	-1.1092901	0.33990114	1	0.01439207	0.60977707	1
RNF165	-1.4074377	0.14728833	1	4.22862934	0.04383553	1
RNF166	0.8477246	0.6562104	1	0.77390106	0.36531005	1
RNF167	-0.0218208	0.98722619	1	-2.2153413	0.00556333	1
RNF168	0.28920385	0.4975351	1	0.21919335	0.64275666	1
RNF169	-0.1970632	0.30581878	1	0.14338881	0.7590609	1

RNF17	0.27443917	1	1	-7.1600031	0.52259551	1
RNF170	0.1298714	0.69855132	1	1.26240123	0.34276504	1
RNF175	-7.8024631	0.19965135	1	1.26303441	1	1
RNF180	7.33858656	0.2752184	1	0.19720793	0.88397598	1
RNF181	0.29962749	0.80799068	1	-2.9908458	1.51E-05	0.41670756
RNF182	0.27443917	1	1	1.26303441	1	1
RNF183	0.27443917	1	1	-6.5402603	0.52259551	1
RNF185	-1.012023	0.15804492	1	-1.0605523	0.01383648	1
RNF187	0.64839724	0.75446261	1	-0.4127757	0.29749347	1
RNF19A	-1.0341005	0.00729328	1	-0.2009281	0.43502263	1
RNF19B	-0.2364639	0.49315646	1	0.83189595	0.05481678	1
RNF2	-0.5691694	0.4829156	1	0.13810091	0.93132842	1
RNF20	0.28854724	0.27817335	1	0.54520151	0.32147169	1
RNF207	0.27443917	1	1	-7.3689856	0.3629285	1
RNF208	0.27443917	1	1	1.26303441	1	1
RNF212	-1.9938597	0.90231962	1	-2.5177786	0.63637252	1
RNF212B	-8.4420091	0.19965135	1	-8.374872	0.26373073	1
RNF213	-1.5646629	1.28E-10	3.54E-06	0.64754505	0.61061141	1
RNF214	0.05787916	0.96761737	1	0.10953106	0.69864239	1
RNF215	-0.6187614	0.68789913	1	-0.6209096	0.64428388	1
RNF217	0.03080011	0.82075644	1	-0.8174792	0.6306617	1
RNF219	0.24850119	0.38100177	1	0.59033419	0.63074492	1
RNF220	-0.9194514	0.39631072	1	-0.7959195	0.46340353	1
RNF222	0.27443917	1	1	1.26303441	1	1
RNF223	8.42076024	0.2752184	1	9.40935548	0.12281968	1
RNF225	0.27443917	1	1	1.26303441	1	1
RNF227	1.09629509	0.23586417	1	0.47470293	0.60904546	1
RNF24	-0.618017	0.11360448	1	-0.6149207	0.03229224	1
RNF25	-8.9358363	0.11486391	1	-8.8889821	0.11188911	1
RNF26	1.22996802	0.50164502	1	0.0513641	0.80520616	1
RNF31	-0.157626	0.65894399	1	0.38684833	0.37195301	1
RNF32	-0.5694471	0.33955919	1	-0.6118238	0.4285496	1
RNF34	0.52502308	0.24933977	1	-0.5830752	0.14582724	1
RNF38	-0.3064181	0.33602803	1	0.11563718	0.46502514	1
RNF39	0.27443917	1	1	1.26303441	1	1
RNF4	0.10281084	0.84803808	1	0.18390953	0.96477697	1
RNF40	-0.3180316	0.8213287	1	0.47090549	0.60665192	1
RNF41	0.19157111	0.68885272	1	-0.0059427	0.67997071	1
RNF43	0.27443917	1	1	1.26303441	1	1
RNF44	0.87610732	0.19623965	1	-0.3397391	0.809021	1
RNF5	-3.327778	0.00361341	1	-3.79886	3.60E-05	0.99439037
RNF6	-1.7891228	0.41260835	1	-3.0627251	0.02999184	1
RNF7	-1.286745	0.19607323	1	-2.407924	0.00012983	1

RNF8	0.95482287	0.0497355	1	-0.0690174	0.78261337	1
RNFT1	-0.263694	0.95492798	1	-1.2023202	0.03301666	1
RNFT2	-5.3209596	0.36779564	1	1.26303441	1	1
RNGTT	-0.1815323	0.53880826	1	0.35618196	0.19185611	1
RNLS	1.24136476	0.90189573	1	0.43599475	0.96697653	1
RNMT	-0.1879619	0.5715619	1	-0.2354708	0.8929726	1
RNPC3	-0.3569622	0.64340414	1	0.05966472	0.48406154	1
RNPEP	0.59801682	0.1725009	1	0.06663162	0.6324772	1
RNPEPL1	-1.4211579	0.13683701	1	-2.2429089	8.40E-05	1
RNPS1	-0.4253571	0.46993942	1	-0.6301515	0.15864442	1
RO60	-0.232101	0.65333866	1	-0.1738692	0.91235398	1
ROBO1	7.53880401	0.2752184	1	-0.0200646	0.85064705	1
ROBO2	-1.733079	0.56020917	1	-1.1822473	0.08539223	1
ROBO3	-7.2442683	0.36779564	1	1.26303441	1	1
ROCK1	-0.5147681	0.01335688	1	-0.0261781	0.79117132	1
ROCK2	-0.2075816	0.45939224	1	0.10518146	0.95024659	1
ROGDI	-2.8131226	0.09337636	1	-3.733977	0.00484497	1
ROM1	0.27443917	1	1	-5.4974916	0.52259551	1
ROMO1	-1.5026561	0.07641399	1	-2.4267957	5.44E-07	0.01501715
ROPN1B	0.27443917	1	1	-7.0180959	0.52259551	1
ROPN1L	-1.1829958	0.68052236	1	-2.6711175	0.1699787	1
ROR1	0.27443917	1	1	-6.6076133	0.52259551	1
ROR2	-9.0880442	0.36779564	1	-6.1889573	0.52259551	1
RORA	-0.5388688	0.05598408	1	-0.5126879	0.07687841	1
RORB	0.27443917	1	1	-6.555996	0.52259551	1
RORC	-1.6738642	0.36009138	1	-1.0544567	0.16579643	1
ROS1	0.27443917	1	1	1.26303441	1	1
RP1	0.27443917	1	1	-6.1364918	0.52259551	1
RP1L1	0.27443917	1	1	1.26303441	1	1
RP2	0.42140418	0.81697473	1	0.14662928	0.4460787	1
RP9	-0.9712713	0.62772735	1	-2.2679702	0.04351095	1
RPA1	0.48694221	0.00768386	1	0.52254044	0.02475995	1
RPA2	-0.8709704	0.54647286	1	-2.1531602	0.00665943	1
RPA3	0.17309239	0.75870978	1	-1.9540484	0.0019054	1
RPA4	-5.9776946	0.36779564	1	-8.7841508	0.1958879	1
RPAIN	3.43474498	0.11452143	1	-0.7867921	0.23528976	1
RPAP1	-0.0761856	0.560868	1	1.59955144	0.3241818	1
RPAP2	0.41289151	0.05640166	1	0.33221359	0.15047039	1
RPAP3	0.28970464	0.5393955	1	-0.2594706	0.62501304	1
RPE	0.04977892	0.53674906	1	0.27563571	0.80786368	1
RPE65	0.27443917	1	1	1.26303441	1	1
RPF1	-0.3221912	0.87400161	1	-0.915324	0.0431926	1
RPF2	-0.7761725	0.22777596	1	-0.3625053	0.08679597	1

RPGR	-0.2272774	0.5570458	1	-0.450988	0.80884907	1
RPGRIP1	0.16666933	0.83292902	1	1.26225158	0.365771	1
RPGRIP1L	0.73185904	0.23586417	1	1.35280093	0.13472045	1
RPH3A	-5.7150445	0.36779564	1	1.26303441	1	1
RPH3AL	0.1911582	0.78005262	1	0.94976302	0.58653781	1
RPIA	0.19296802	0.78601951	1	0.73365745	0.16032806	1
RPL10	0.34237358	0.34405784	1	-2.4176298	9.66E-21	2.66E-16
RPL10A	0.55425942	0.35147593	1	-2.215221	1.99E-18	5.48E-14
RPL11	0.57189009	0.10892494	1	-1.9387546	3.63E-14	1.00E-09
RPL12	0.0681225	0.46416781	1	-2.235611	3.18E-16	8.78E-12
RPL13	0.56632941	0.52221735	1	-1.8076845	5.08E-18	1.40E-13
RPL13A	0.26810771	0.78817786	1	-2.1166063	2.52E-19	6.96E-15
RPL14	0.88319628	0.28473753	1	-1.5123741	2.50E-10	6.90E-06
RPL15	0.2442327	0.73170473	1	-2.3090736	1.46E-15	4.03E-11
RPL17	0.36730107	0.59998447	1	-1.8708554	1.29E-14	3.57E-10
RPL18	0.315992	0.81724845	1	-2.2014133	4.89E-20	1.35E-15
RPL18A	0.27443917	1	1	1.26303441	1	1
RPL19	-0.0019556	0.3787586	1	-2.2503007	2.86E-15	7.91E-11
RPL21	-0.359196	0.03075748	1	-2.4695688	2.65E-23	7.32E-19
RPL22	0.0067984	0.71422195	1	-2.081135	8.26E-16	2.28E-11
RPL22L1	0.07022883	0.60790467	1	-1.2981957	0.00013193	1
RPL23	-0.249125	0.91290617	1	-2.2819792	1.63E-17	4.49E-13
RPL23A	0.29160266	0.51887468	1	-2.2234165	1.48E-15	4.08E-11
RPL24	0.28343891	0.92836564	1	-2.0778015	1.89E-14	5.22E-10
RPL26	0.84472127	0.26302175	1	-1.8664927	2.32E-11	6.40E-07
RPL26L1	-0.4322266	0.38135626	1	-0.6679917	0.26706821	1
RPL27	0.18463173	0.587951	1	-2.3696932	1.90E-17	5.23E-13
RPL27A	0.35924913	0.76568287	1	-2.1216015	1.59E-20	4.39E-16
RPL28	0.17551831	0.85476284	1	-2.283855	1.86E-16	5.15E-12
RPL29	0.28561585	0.65261143	1	-2.1761583	1.93E-05	0.53300899
RPL3	0.1228641	0.65283431	1	-2.2913135	1.37E-18	3.79E-14
RPL30	0.14106915	0.73945104	1	-2.2671132	4.86E-20	1.34E-15
RPL31	-1.804883	0.45564792	1	-3.8348827	5.12E-05	1
RPL32	-0.0230057	0.56019764	1	-2.4911754	1.94E-13	5.34E-09
RPL34	0.31689525	0.67394632	1	-2.1079974	3.50E-16	9.66E-12
RPL35	0.5847409	0.08921234	1	-1.7992953	2.26E-11	6.23E-07
RPL35A	0.39121944	0.38922361	1	-2.0658624	2.85E-12	7.86E-08
RPL36	-0.0404129	0.24315751	1	-2.1632278	5.50E-15	1.52E-10
RPL36AL	-0.6521177	0.74451656	1	-2.6710674	1.03E-08	0.0002829
RPL37	0.28544229	0.94908405	1	-2.2534708	1.02E-15	2.81E-11
RPL37A	-1.1217524	0.37490169	1	-2.7854686	3.38E-05	0.9340302
RPL37A-1	0.65110263	0.15926398	1	-2.2746696	1.20E-13	3.31E-09
RPL38	0.23516547	0.12996269	1	-2.2324017	2.61E-15	7.20E-11

RPL39	-0.1586028	0.96460462	1	-3.2014097	2.00E-10	5.51E-06
RPL39L	3.09429196	0.22569004	1	0.00786819	0.52157589	1
RPL3L	0.27443917	1	1	1.26303441	1	1
RPL4	-0.143399	0.97475419	1	-1.5817648	1.37E-09	3.77E-05
RPL41	0.10806048	0.99658557	1	-2.263718	2.56E-22	7.07E-18
RPL5	0.5027799	0.19660934	1	-1.9430324	5.66E-14	1.56E-09
RPL6	0.25848068	0.77133098	1	-2.1054117	4.55E-18	1.25E-13
RPL7	0.81870955	0.10095309	1	-2.1901416	1.32E-13	3.64E-09
RPL7A	0.21840303	0.78958453	1	-2.2209402	1.12E-18	3.08E-14
RPL7L1	-0.677433	0.46268516	1	-1.1258281	0.07396742	1
RPL8	0.2879378	0.41580489	1	-1.9998196	5.67E-15	1.57E-10
RPL9	0.5499791	0.60120162	1	-1.9545641	3.91E-16	1.08E-11
RPLP0	0.24222368	0.47609648	1	-2.3953473	8.35E-18	2.30E-13
RPLP1	0.15891293	0.35312262	1	-2.3945407	1.13E-22	3.11E-18
RPLP2	0.11683949	0.27865934	1	-2.111264	2.24E-17	6.18E-13
RPN1	-0.0064961	0.49990498	1	-1.1394073	0.00936948	1
RPN2	-0.6759816	0.07584207	1	-0.6850989	0.00966346	1
RPP14	0.98436123	0.34482085	1	0.07463407	0.82307624	1
RPP21	-2.2796741	0.25400575	1	-4.293735	0.00778438	1
RPP25	0.27443917	1	1	1.26303441	1	1
RPP25L	1.32039819	0.50164502	1	-1.343836	0.041115	1
RPP30	-2.022838	0.05638481	1	-0.7578071	0.27237543	1
RPP38	0.17170231	0.56503214	1	-1.1008942	0.03367897	1
RPP38-DT	0.27443917	1	1	1.26303441	1	1
RPP40	-8.3186918	0.19965135	1	-9.8756815	0.02325653	1
RPRD1A	-0.4320013	0.44063758	1	0.17913081	0.68073101	1
RPRD1B	0.29834872	0.23482738	1	1.06496655	0.05120958	1
RPRD2	-0.5768909	0.08026929	1	0.04316172	0.75425901	1
RPRML	-9.4926619	0.11486391	1	-8.7504943	0.1474095	1
RPS10	0.15422402	0.72777857	1	-2.4856186	6.75E-20	1.86E-15
RPS11	0.2093267	0.56385821	1	-2.3360485	1.15E-17	3.19E-13
RPS12	0.04100255	0.42462316	1	-2.2127948	1.10E-17	3.03E-13
RPS13	0.21246948	0.75147233	1	-2.418557	1.23E-17	3.39E-13
RPS14	-0.0482119	0.08214329	1	-2.5491957	1.11E-22	3.07E-18
RPS15	0.05524003	0.84213015	1	-2.2169873	2.03E-18	5.61E-14
RPS15A	0.15097568	0.81901967	1	-2.5755486	6.58E-20	1.82E-15
RPS16	-0.0418482	0.76744895	1	-2.5018619	3.52E-19	9.72E-15
RPS17	0.20532153	0.5081804	1	-2.2063359	1.43E-17	3.94E-13
RPS18	0.45000757	0.82528383	1	-2.2282213	9.88E-21	2.73E-16
RPS19	0.10889936	0.42629178	1	-2.4125624	1.31E-21	3.61E-17
RPS19BP1	-0.0711932	0.32878933	1	-1.1210047	0.00206234	1
RPS2	0.46145261	0.33315433	1	-2.1611274	3.19E-16	8.80E-12
RPS20	0.36619631	0.94164674	1	-2.1470336	3.44E-21	9.49E-17

RPS21	0.47333977	0.30584434	1	-2.0670153	2.65E-17	7.32E-13
RPS23	0.49067296	0.36898724	1	-2.1203498	2.87E-18	7.93E-14
RPS24	-0.0580112	0.86279827	1	-2.097482	4.43E-14	1.22E-09
RPS25	-0.2541151	0.81429795	1	-2.7228079	6.34E-14	1.75E-09
RPS26	0.37502643	0.57332751	1	-2.0352595	4.11E-16	1.13E-11
RPS27	0.5414903	0.34786373	1	-2.1680124	2.42E-15	6.67E-11
RPS27A	-0.4747318	0.65442318	1	-2.166888	0.00041852	1
RPS27A-1	0.62579327	0.48410555	1	-2.1486802	2.82E-19	7.79E-15
RPS27L	-0.9798933	0.14864294	1	-2.3897811	1.58E-07	0.00436543
RPS28	-0.0037919	0.51105167	1	-2.3277899	3.87E-21	1.07E-16
RPS29	0.31184564	0.81983571	1	-1.8730324	1.39E-14	3.84E-10
RPS3	0.70737762	0.15845298	1	-1.9541972	1.12E-14	3.09E-10
RPS4X	0.64869286	0.55580575	1	-2.079544	1.10E-17	3.03E-13
RPS4Y1	-0.5914694	0.42454653	1	-2.938107	3.48E-12	9.61E-08
RPS4Y2	-0.3673274	0.35889268	1	-2.3054115	8.74E-06	0.24128838
RPS5	0.14097829	0.36518821	1	-2.6134934	2.11E-18	5.82E-14
RPS6KA1	-0.000742	0.8800414	1	-0.5292902	0.12630119	1
RPS6KA2	-0.4278111	0.25691049	1	0.56294964	0.04746604	1
RPS6KA3	0.23466011	0.38643577	1	0.33121422	0.08477494	1
RPS6KA4	-1.8940826	0.36358287	1	-1.7181014	0.1040045	1
RPS6KA5	0.4506902	0.30738108	1	0.25043459	0.4384909	1
RPS6KA6	-2.5767812	0.67317602	1	-3.475962	0.28508405	1
RPS6KB1	-0.3008098	0.37933825	1	0.39122629	0.61753141	1
RPS6KB2	0.24685744	0.2465748	1	0.50449834	0.74276535	1
RPS6KC1	-0.6060675	0.05783267	1	0.32521869	0.1040931	1
RPS6KL1	0.27443917	1	1	1.26303441	1	1
RPS7	-0.0480356	0.42108967	1	-2.2988899	2.29E-21	6.31E-17
RPS8	0.42532886	0.68421931	1	-2.1344157	1.41E-20	3.89E-16
RPS9	0.13050529	0.83593774	1	-2.0186602	3.96E-17	1.09E-12
RPSA	0.35743319	0.26705175	1	-1.9632472	4.68E-15	1.29E-10
RPTN	0.27443917	1	1	1.26303441	1	1
RPTOR	-0.2125398	0.73000407	1	0.62507997	0.01899699	1
RPUSD1	1.30143226	0.83770648	1	-0.4106578	0.64249261	1
RPUSD2	-7.0491558	0.36779564	1	-9.1197246	0.1958879	1
RPUSD3	1.34127589	0.16371599	1	0.53588564	0.46323248	1
RPUSD4	0.05930272	0.37012592	1	0.21446936	0.67052454	1
RRAD	-0.4484303	0.90231962	1	-1.2233371	0.49019995	1
RRAGA	0.79095329	0.8024585	1	-2.4817645	0.0042834	1
RRAGB	1.53256204	0.03668325	1	1.34508579	0.01583198	1
RRAGC	-1.8858533	0.0411095	1	-1.6061586	0.03965177	1
RRAGD	-0.1471809	0.96460462	1	-0.1360573	0.92962132	1
RRAS	-0.374954	0.8146861	1	0.14479154	0.27614067	1
RRAS2	0.1398381	0.17910175	1	0.16072937	0.23618224	1

RRBP1	0.01668979	0.8084007	1	0.1380977	0.71242251	1
RREB1	-0.2057526	0.84909082	1	0.34225323	0.0916862	1
RRH	-8.7965065	0.19965135	1	1.26303441	1	1
RRM1	0.27206522	0.38360683	1	0.52565168	0.12194129	1
RRM2	-8.5004709	0.19965135	1	-8.5345022	0.1958879	1
RRM2B	0.63663498	0.23789203	1	0.3222098	0.54794419	1
RRN3	1.09114393	0.16047136	1	0.81018338	0.10949526	1
RRNAD1	0.45102167	0.52964575	1	-1.0407691	0.74479666	1
RRP1	-0.900766	0.37487568	1	-0.5319426	0.17256284	1
RRP12	-0.2401809	0.71183318	1	0.54062138	0.31342177	1
RRP15	-0.6014156	0.1378625	1	0.57915132	0.91982012	1
RRP1B	0.03178616	0.34137698	1	-0.223624	0.66935234	1
RRP36	-0.5790986	0.87761453	1	-1.0167923	0.05370753	1
RRP7A	-0.9593274	0.52886624	1	-0.7641897	0.16816746	1
RRP8	-0.7895675	0.76646319	1	-0.0412134	0.78452525	1
RRP9	0.46750418	0.51164527	1	0.60398419	0.61520584	1
RRS1	1.5730923	0.28526399	1	-0.4506181	0.81565922	1
RS1	0.27443917	1	1	1.26303441	1	1
RSAD1	0.8190741	0.83770648	1	0.32517459	0.79393384	1
RSAD2	-2.2619031	0.04180019	1	-0.5406687	0.6070784	1
RSBN1	-0.2802299	0.9464404	1	-0.3999003	0.08491167	1
RSBN1L	0.27528695	0.49625538	1	0.22894625	0.72861471	1
RSF1	-0.4496354	0.02424287	1	0.16106328	0.4622236	1
RSKR	6.23735948	0.2752184	1	-1.8657386	0.8895985	1
RSL1D1	-0.1938596	0.93693202	1	-0.6770235	0.11035885	1
RSL24D1	0.47617163	0.14822085	1	-1.0697424	0.00022981	1
RSPH1	0.27443917	1	1	-8.0982844	0.26373073	1
RSPH14	0.27443917	1	1	-6.7985788	0.52259551	1
RSPH3	0.57834903	0.85135027	1	1.46716093	0.365771	1
RSPH4A	-0.8700286	0.68052236	1	-1.3179075	0.64428388	1
RSPH6A	-8.1784445	0.36779564	1	1.26303441	1	1
RSPH9	-10.347293	0.04066178	1	-10.22047	0.03889469	1
RSPO1	0.27443917	1	1	1.26303441	1	1
RSPO2	0.27443917	1	1	1.26303441	1	1
RSPO3	0.27443917	1	1	-7.7310527	0.52259551	1
RSPO4	0.27443917	1	1	1.26303441	1	1
RSPRY1	0.46258793	0.85619996	1	0.45276779	0.76470957	1
RSRC1	-0.0521195	0.61953037	1	0.38975238	0.18465313	1
RSRC2	-0.9814569	0.03404593	1	-0.494365	0.23415434	1
RSRP1	0.35143459	0.13684519	1	-0.5301516	0.00150278	1
RSU1	-0.4359859	0.47990757	1	-0.1972804	0.81841747	1
RTBDN	0.27443917	1	1	1.26303441	1	1
RTCA	0.32723658	0.38330871	1	0.78584398	0.40607276	1

RTCB	-0.893238	0.44131792	1	-1.2759794	0.07145361	1
RTD1A	0.27443917	1	1	1.26303441	1	1
RTD1B	0.27443917	1	1	1.26303441	1	1
RTD1C	0.27443917	1	1	1.26303441	1	1
RTEL1	-10.283214	0.04066178	1	-9.7121343	0.08544191	1
RTF1	-0.8261132	0.12496526	1	-0.5264204	0.05764666	1
RTF2	-0.2754462	0.92055073	1	-0.1504325	0.73739769	1
RTKN	0.27443917	1	1	1.26303441	1	1
RTKN2	0.99059133	0.02307687	1	2.00289821	6.52E-06	0.18006097
RTL10	-8.3048365	0.19965135	1	-6.9987331	0.26373073	1
RTL5	-1.2459612	0.41260835	1	-0.6183762	0.64032309	1
RTL6	-1.7651071	0.67317602	1	-1.4521797	0.48702665	1
RTL9	0.27443917	1	1	1.26303441	1	1
RTN1	-1.4957378	0.35662101	1	-0.8593186	0.33130843	1
RTN2	0.0863654	0.90231962	1	-0.771472	0.38210003	1
RTN3	-0.7936056	0.10653686	1	-0.6961625	0.01500485	1
RTN4	-0.3475756	0.52688607	1	-0.3139112	0.33155433	1
RTN4IP1	-0.632887	0.84137633	1	-0.6673697	0.34385137	1
RTN4R	0.27443917	1	1	-7.9053432	0.52259551	1
RTN4RL1	0.27443917	1	1	-8.0694108	0.26373073	1
RTN4RL2	-9.1239576	0.19965135	1	1.26303441	1	1
RTP1	8.90729335	0.2752184	1	2.32874131	0.52223338	1
RTP2	0.27443917	1	1	1.26303441	1	1
RTP3	0.27443917	1	1	1.26303441	1	1
RTP4	-8.347153	0.11486391	1	-8.2427498	0.11188911	1
RTP5	0.27443917	1	1	1.26303441	1	1
RTRAF	-0.1532299	0.41841088	1	-1.6849572	0.00040099	1
RTTN	-0.3413504	0.59314963	1	1.20906488	0.0058617	1
RUBCNL	-1.7702003	0.41759769	1	0.2357938	0.88397598	1
RUFY1	-0.2987484	0.8722657	1	-0.6624494	0.25198196	1
RUFY2	-0.1534844	0.59476192	1	0.26340775	0.78164599	1
RUFY3	0.24428166	0.74984028	1	1.01568377	0.01120204	1
RUFY4	-8.4416981	0.36779564	1	1.26303441	1	1
RUNDC1	-0.6643325	0.7929395	1	1.07769256	0.23112323	1
RUNDC3A	0.27443917	1	1	1.26303441	1	1
RUNDC3B	-1.5124905	0.2253508	1	0.66363024	0.34402187	1
RUNX1	-0.0564005	0.10374671	1	0.38514776	0.751626	1
RUNX1T1	0.36077779	0.85135027	1	4.99978687	0.15452883	1
RUNX2	-0.1189241	0.86913672	1	0.65459113	0.21312418	1
RUNX3	-0.1141628	0.96972007	1	0.27962112	0.1438663	1
RUSC1	-0.1059342	0.38135626	1	-0.8158259	0.32951735	1
RUSC2	-1.180783	0.81603949	1	-0.3851979	0.87165817	1
RUVBL1	-1.1024102	0.20274381	1	-1.2263374	0.07187618	1

RUVBL2	-0.5947559	0.99213191	1	-0.7089123	0.33236386	1
RWDD1	-0.5679889	0.57640284	1	-2.4347356	1.50E-07	0.00413823
RWDD2A	0.27443917	1	1	-8.879143	0.1474095	1
RWDD2B	-1.4279611	0.24373878	1	-2.1212639	0.04950605	1
RWDD3	0.07703553	0.54647286	1	-0.4622453	0.9077146	1
RWDD4	0.56906764	0.20979165	1	-0.4426	0.94315564	1
RXFP1	-9.2787901	0.19965135	1	-9.0891323	0.26373073	1
RXFP2	-7.8894416	0.36779564	1	-8.128543	0.3629285	1
RXFP4	0.27443917	1	1	1.26303441	1	1
RXRA	-0.9212492	0.47358334	1	0.62578313	0.78283336	1
RXRB	-0.3408409	0.94380267	1	-1.0416184	0.16030549	1
RXRG	0.27443917	1	1	1.26303441	1	1
RXYLT1	-1.4427702	0.63214419	1	-1.8938943	0.20656087	1
RYBP	0.30527411	0.27157009	1	0.52970313	0.06033195	1
RYK	-0.1261319	0.67817385	1	-0.0234717	0.62065702	1
RYR1	-0.151818	0.4226224	1	-1.8259644	0.17244267	1
RYR2	-2.8086582	0.44507282	1	-1.9688841	0.49582083	1
RYR3	9.85774011	0.02713794	1	1.73080571	0.04504231	1
S100A1	-8.7014448	0.36779564	1	-8.791661	0.1958879	1
S100A10	-1.2975021	0.00104356	1	-2.7409002	3.77E-15	1.04E-10
S100A11	0.0089386	0.96630821	1	-2.6807038	2.07E-17	5.71E-13
S100A11-1	0.45573067	0.4634873	1	-2.8691607	0.01418489	1
S100A13	0.27443917	1	1	-10.104154	0.11188911	1
S100A14	0.27443917	1	1	1.26303441	1	1
S100A16	0.27443917	1	1	1.26303441	1	1
S100A2	0.91886074	0.81353247	1	-1.5184432	0.02021564	1
S100A3	8.99693081	0.2752184	1	2.25962303	0.52223338	1
S100A4	-0.488056	0.42779563	1	-2.910387	7.60E-17	2.10E-12
S100A5	0.27443917	1	1	1.26303441	1	1
S100A6	-0.7077689	0.28271859	1	-2.5876637	1.07E-23	2.95E-19
S100A8	-7.4703458	0.36779564	1	-8.3395336	0.1474095	1
S100A9	-8.9797283	0.19965135	1	-9.979392	0.05042498	1
S100B	0.27443917	1	1	1.26303441	1	1
S100G	0.27443917	1	1	1.26303441	1	1
S100P	-10.079375	0.04066178	1	-9.4991167	0.06553217	1
S100PBP	-0.566737	0.85513991	1	-0.2483498	0.67775932	1
S1PR1	0.9935644	0.20240958	1	0.8163867	0.34276504	1
S1PR2	1.66226966	0.89260809	1	1.37291543	0.52223338	1
S1PR3	-7.7715742	0.36779564	1	1.26303441	1	1
S1PR4	-0.8727025	0.6046529	1	-1.6256169	0.02625442	1
S1PR5	0.27443917	1	1	1.26303441	1	1
SAA1	0.27443917	1	1	1.26303441	1	1
SAA2	0.27443917	1	1	1.26303441	1	1

SAA4	0.27443917	1	1	1.26303441	1	1
SAAL1	-0.9110231	0.44612982	1	0.00735314	0.85181359	1
SAC3D1	7.92434291	0.2752184	1	-1.6488421	0.29307123	1
SACM1L	0.11739716	0.35596982	1	0.5361995	0.10163124	1
SACS	-0.2029462	0.81881293	1	0.95032458	0.03041013	1
SAE1	-0.5406419	0.3050186	1	-0.0058922	0.75543906	1
SAFB	0.06910825	0.55520694	1	-0.1044252	0.98073897	1
SAFB2	0.16213878	0.70047104	1	0.51560757	0.4963227	1
SAG	-0.4568816	0.90231962	1	-1.1341577	0.8895985	1
SAGE1	0.27443917	1	1	1.26303441	1	1
SALL2	0.27443917	1	1	-6.5696229	0.52259551	1
SALL4	0.27443917	1	1	1.26303441	1	1
SAMD1	1.05946387	0.75355153	1	-0.3901191	0.36240419	1
SAMD10	8.12052546	0.2752184	1	1.60964779	0.52223338	1
SAMD11	0.27443917	1	1	-7.1139812	0.52259551	1
SAMD12	0.66718488	0.30790193	1	1.2108762	0.02451316	1
SAMD13	9.05244303	0.12052946	1	1.3869327	0.82595901	1
SAMD14	0.27443917	1	1	1.26303441	1	1
SAMD15	-9.034473	0.19965135	1	-8.7571381	0.1958879	1
SAMD3	-0.7091544	0.55877487	1	-0.1753152	0.27934	1
SAMD4A	-0.5398113	0.43928508	1	0.2374132	0.80576519	1
SAMD4B	-0.4973874	0.61802871	1	0.76595092	0.1831362	1
SAMD5	0.27443917	1	1	1.26303441	1	1
SAMD7	0.27443917	1	1	1.26303441	1	1
SAMD8	-0.1406866	0.81992412	1	-0.0493858	0.41441803	1
SAMD9	-0.3188942	0.16752937	1	0.13700669	0.74418261	1
SAMD9L	-0.9795429	0.10579804	1	-0.16842	0.6254211	1
SAMHD1	-0.4527531	0.26691795	1	-0.1162369	0.71994214	1
SAMM50	0.39532004	0.35020665	1	-0.0847848	0.56855135	1
SAP130	0.23951279	0.93759702	1	0.36270466	0.93838464	1
SAP18	-1.6611087	0.01977278	1	-2.743094	4.21E-08	0.00116158
SAP25	0.0223002	0.85894984	1	-0.3560322	0.73940443	1
SAP30	2.93463683	0.27570799	1	-0.9465641	0.33765733	1
SAP30BP	-0.3961431	0.94076462	1	0.45758938	0.22811888	1
SAP30L	0.4569112	0.3466669	1	-0.3526966	0.46340353	1
SAPCD1	0.27443917	1	1	1.26303441	1	1
SAPCD2	-1.1638234	0.90231962	1	0.08126949	0.88397598	1
SAR1A	-0.9665403	0.23233641	1	-0.9283518	0.33026569	1
SAR1B	-1.2760488	0.04080235	1	-1.148393	0.03880493	1
SARAF	0.0340187	0.23806441	1	-1.0954301	7.89E-05	1
SARDH	0.27443917	1	1	1.26303441	1	1
SARM1	10.1040341	0.12052946	1	2.81149902	0.15452883	1
SARNP	-0.19873	0.98236471	1	-0.1436887	0.21323662	1

SARS	0.01335137	0.97426162	1	-0.6890577	0.01313502	1
SARS2	0.89634277	0.29834994	1	1.17502323	0.44609823	1
SART1	-1.3018184	0.51499182	1	-1.5393192	0.05430713	1
SART3	0.13316476	0.91000345	1	0.3849763	0.86373668	1
SASH1	-3.2317356	0.00049666	1	-1.6872379	0.03116596	1
SASH3	0.49388052	0.47637913	1	-0.0267723	0.80032441	1
SASS6	-2.2583068	0.03931586	1	-1.893077	0.10850184	1
SAT1	-1.4541013	0.12604427	1	-3.1703467	1.07E-09	2.95E-05
SAT2	0.09363338	0.54586535	1	-1.7181348	0.00788842	1
SATB1	-0.4165419	0.95843623	1	0.50710256	0.00785071	1
SATB2	0.27443917	1	1	1.26303441	1	1
SATL1	8.9946388	0.12052946	1	9.98323403	0.02855238	1
SAV1	-1.0664416	0.52537988	1	0.4326328	0.60912576	1
SAXO1	-8.5618147	0.19965135	1	-9.1873461	0.26373073	1
SAXO2	-0.6755841	0.86503869	1	0.48214786	0.82989806	1
SAYSD1	-1.4890468	0.36358287	1	-3.2061801	0.00411721	1
SBDS	-0.1317664	0.78185785	1	-0.4270126	0.21774647	1
SBF1	-0.3474026	0.63714401	1	-0.5756839	0.25788859	1
SBF2	-0.2856636	0.23286631	1	0.66849942	0.03191598	1
SBK1	0.63692571	0.89260809	1	0.38383944	0.52790957	1
SBK2	-8.5807632	0.36779564	1	1.26303441	1	1
SBNO1	-0.4281952	0.70680727	1	-0.421662	0.26959435	1
SBNO2	-0.8918608	0.66596705	1	-0.7804759	0.33257967	1
SBSN	-0.0387987	0.51668413	1	0.04746821	0.79559712	1
SBSPON	7.34125167	0.2752184	1	8.3298469	0.12281968	1
SC5D	0.40694914	0.53349969	1	-1.5483886	0.04682164	1
SCAF1	1.43311669	0.21832777	1	0.20149354	0.3900427	1
SCAF11	0.00358357	0.95263243	1	0.42154358	0.03419552	1
SCAF4	0.11764146	0.25297529	1	0.32545682	0.25908763	1
SCAF8	-0.0113986	0.75588952	1	0.1593923	0.99017629	1
SCAI	0.17153797	0.45736439	1	0.74707093	0.1876945	1
SCAMP1	0.17168102	0.40436363	1	0.06250179	0.23422444	1
SCAMP2	-1.1886159	0.11073453	1	-0.5843526	0.22564941	1
SCAMP3	-0.7829057	0.38822059	1	-0.3518632	0.69588778	1
SCAMP4	-0.4585754	0.98722619	1	-0.0392028	0.74977431	1
SCAMP5	0.27443917	1	1	1.26303441	1	1
SCAND1	0.54338701	0.49464936	1	-1.1158137	0.0545744	1
SCAP	-0.1006534	0.9113711	1	-0.3556984	0.84687391	1
SCAPER	-0.3435217	0.14388033	1	0.40594374	0.00171792	1
SCARA3	0.27443917	1	1	1.26303441	1	1
SCARA5	0.27443917	1	1	1.26303441	1	1
SCARB1	0.21150851	0.98296882	1	0.19812785	0.99634948	1
SCARB2	-0.5787877	0.49275359	1	-0.5371893	0.58493431	1

SCARF1	0.27443917	1	1	1.26303441	1	1
SCARF2	-1.1838072	0.67317602	1	0.30986173	0.85548905	1
SCCPDH	0.2853402	0.33773491	1	-0.2810208	0.70540136	1
SCD	-1.985246	0.03811487	1	-1.9599699	0.05030821	1
SCD5	-8.1251606	0.36779564	1	-5.5119993	0.52259551	1
SCEL	0.27443917	1	1	1.26303441	1	1
SCFD1	-0.5148619	0.24949667	1	-0.1104884	0.84621908	1
SCFD2	-0.442707	0.13197188	1	0.7815625	0.07073213	1
SCG3	0.27443917	1	1	1.26303441	1	1
SCG5	-6.7650097	0.36779564	1	-8.6453182	0.08544191	1
SCGB1A1	-9.0139395	0.19965135	1	-9.2212688	0.08544191	1
SCGB1D4	0.27443917	1	1	-5.8857432	0.52259551	1
SCGB3A1	-3.2495989	0.00088559	1	-5.1312468	7.47E-10	2.06E-05
SCGB3A2	0.27443917	1	1	1.26303441	1	1
SCGN	0.27443917	1	1	1.26303441	1	1
SCHIP1	0.45694087	0.82683753	1	10.7371032	0.02855238	1
SCIMP	-1.955769	0.54111927	1	-1.9874523	0.5019849	1
SCIN	0.27443917	1	1	-8.0353313	0.3629285	1
SCLT1	-0.5472437	0.06716414	1	-0.188945	0.41641955	1
SCLY	0.36579177	0.75331086	1	1.080431	0.19313689	1
SCMH1	0.09153098	0.51343263	1	0.58654449	0.06114888	1
SCML1	1.6784004	0.0082007	1	1.37963873	0.05495835	1
SCML2	1.3104334	0.45738523	1	-0.298599	0.78379585	1
SCML4	0.18429627	0.2745712	1	0.29551481	0.02915105	1
SCN10A	0.27443917	1	1	1.26303441	1	1
SCN11A	0.27443917	1	1	1.26303441	1	1
SCN1A	0.27443917	1	1	1.26303441	1	1
SCN1B	0.26770998	0.53736775	1	-0.8735227	0.20128649	1
SCN2B	-7.4451245	0.36779564	1	-8.1122874	0.52259551	1
SCN3A	0.27443917	1	1	-6.5696229	0.52259551	1
SCN3B	0.27443917	1	1	-9.4796324	0.08544191	1
SCN4A	-0.5969431	0.4634873	1	-0.0374026	0.84174049	1
SCN4B	0.27443917	1	1	1.26303441	1	1
SCN5A	0.27443917	1	1	-5.9427839	0.52259551	1
SCN7A	0.27443917	1	1	1.26303441	1	1
SCN8A	0.27443917	1	1	-6.9950942	0.52259551	1
SCN9A	1.73411046	0.09142605	1	-0.0119522	0.72501657	1
SCNM1	-0.7084094	0.43231564	1	-0.2203207	0.87566702	1
SCNN1A	-1.0767823	0.55540624	1	-0.5293551	0.61483126	1
SCNN1B	0.27443917	1	1	-5.0483792	0.52259551	1
SCNN1D	0.27443917	1	1	1.26303441	1	1
SCNN1G	0.27443917	1	1	1.26303441	1	1
SCOC	-0.2259011	0.68156465	1	-1.0730586	0.06632177	1

SCP2	-0.7000236	0.11737139	1	-0.6682243	0.00888682	1
SCPEP1	-1.2407783	0.10957526	1	-2.1593783	0.00766103	1
SCRG1	0.27443917	1	1	1.26303441	1	1
SCRN1	0.27443917	1	1	1.26303441	1	1
SCRN2	0.23447408	0.81775423	1	-0.9008079	0.23485452	1
SCRN3	-0.7708253	0.66342316	1	-0.3246067	0.73608321	1
SCRT1	0.27443917	1	1	1.26303441	1	1
SCT	0.01707066	0.90231962	1	-1.067746	0.64428388	1
SCTR	0.27443917	1	1	1.26303441	1	1
SCUBE1	-8.0151886	0.36779564	1	1.26303441	1	1
SCUBE2	0.27443917	1	1	1.26303441	1	1
SCUBE3	0.27443917	1	1	-7.5661768	0.3629285	1
SCX	-0.8335835	0.90231962	1	-1.1992676	0.8409801	1
SCYL2	-0.391386	0.64283357	1	-0.2019927	0.75199821	1
SCYL3	0.6336896	0.31040358	1	0.29851955	0.62238525	1
SDAD1	0.07121679	0.65411564	1	-0.4710313	0.11173564	1
SDC1	0.27443917	1	1	1.26303441	1	1
SDC2	-1.4403858	0.01116614	1	-0.2649008	0.44845748	1
SDC3	-9.4609919	0.36779564	1	1.26303441	1	1
SDC4	0.12411402	0.4634873	1	-0.0842776	0.96635635	1
SDCBP	-0.4957121	0.03900049	1	-0.3900417	0.01694912	1
SDCBP2	-8.1900523	0.36779564	1	1.26303441	1	1
SDCCAG8	-0.25808	0.64630069	1	0.58181942	0.08156852	1
SDE2	0.43273865	0.51982472	1	0.30946594	0.76422446	1
SDF2	0.05231424	0.19048864	1	-0.4126969	0.26980106	1
SDF2L1	0.27815286	0.76509418	1	-1.6759641	0.00584999	1
SDF4	-0.4647457	0.86661591	1	-0.5615213	0.30931919	1
SDHA	-0.1928083	0.55589622	1	-0.5758299	0.03789388	1
SDHAF1	7.45361488	0.2752184	1	8.44221012	0.12281968	1
SDHAF2	-3.1672034	0.05711755	1	-3.7487968	0.00298536	1
SDHAF3	-0.5366498	0.6482244	1	-0.083357	0.6461065	1
SDHAF4	-0.6570975	0.88923822	1	1.38571808	0.26286061	1
SDHB	0.33939905	0.84368239	1	0.01212017	0.70618037	1
SDHC	0.32389145	0.47195406	1	0.74367049	0.14507633	1
SDHD	0.27443917	1	1	-9.1060006	0.08544191	1
SDHD-1	-0.8577438	0.658917	1	-1.8054249	0.0373113	1
SDK1	-2.0197186	0.06044383	1	-0.1393163	0.65223573	1
SDK2	0.0252943	0.81908362	1	0.07773042	0.74697875	1
SDR16C5	-8.8993086	0.19965135	1	1.26303441	1	1
SDR39U1	9.30998862	0.12052946	1	1.40360642	0.98130525	1
SDR42E1	-8.6270654	0.19965135	1	-7.4431738	0.52259551	1
SDR42E2	9.53489042	0.05637677	1	0.51710947	0.43521235	1
SDR9C7	0.27443917	1	1	1.26303441	1	1

SDS	0.27443917	1	1	1.26303441	1	1
SDSL	-1.0188798	0.90231962	1	8.68072916	0.12281968	1
SEC11A	-0.5381186	0.26406879	1	-0.7542976	0.00152433	1
SEC11C	-1.3737264	0.14445125	1	-2.6925758	1.23E-05	0.3395677
SEC13	0.82755646	0.11665379	1	-0.5869807	0.30985035	1
SEC14L1	-1.2132222	0.16631062	1	-0.8509306	0.17580948	1
SEC14L2	-0.295833	0.9957419	1	1.56045773	0.22388244	1
SEC14L3	-10.013321	0.11486391	1	-8.8658279	0.1958879	1
SEC14L4	-5.7150445	0.36779564	1	1.26303441	1	1
SEC14L5	-6.0973458	0.36779564	1	1.26303441	1	1
SEC14L6	7.14873999	0.2752184	1	8.13733522	0.12281968	1
SEC16A	-0.0129935	0.98648688	1	0.52449545	0.31907306	1
SEC22A	-0.1512026	0.89443511	1	0.17581843	0.469118	1
SEC22B	1.42836945	0.14038319	1	-0.3943297	0.56434877	1
SEC22C	-0.054895	0.69545375	1	-0.1414635	0.79524805	1
SEC23A	-0.023795	0.80543367	1	0.1248802	0.5253807	1
SEC23B	-1.8322923	0.00712387	1	-1.0271785	0.16250251	1
SEC23IP	-0.7754261	0.71662934	1	-0.5113574	0.55215967	1
SEC24A	-0.8229678	0.14571046	1	-0.2219255	0.42515631	1
SEC24B	-0.8146439	0.00171337	1	-0.0118456	0.95871554	1
SEC24C	0.05112388	0.28894931	1	0.59281949	0.27528943	1
SEC24D	-0.9630911	0.00859222	1	-0.2309764	0.21029219	1
SEC31A	-0.4953135	0.36822661	1	0.03471313	0.5785914	1
SEC31B	-0.9535192	0.82464385	1	1.08979102	0.26938028	1
SEC61A1	0.52397755	0.47462302	1	-0.2024499	0.59754403	1
SEC61A2	-0.1224913	0.74073646	1	1.10976017	0.32671314	1
SEC61B	-1.0106604	0.27183543	1	-2.8413803	1.18E-08	0.00032566
SEC61G	-1.9786684	0.01661356	1	-3.3323933	6.06E-08	0.00167214
SEC62	0.22724403	0.15395618	1	-0.5314288	0.04286243	1
SEC63	-0.0061917	0.43305373	1	0.33480767	0.09688067	1
SECISBP2	-0.1702733	0.49753694	1	-0.2359746	0.15878473	1
SECISBP2L	-1.2268347	0.06469192	1	-0.7558967	0.20155361	1
SECTM1	-8.4541306	0.36779564	1	1.26303441	1	1
SEH1L	0.41556678	0.24814381	1	0.52912633	0.1986131	1
SEL1L	0.38376928	0.29173282	1	-0.0525284	0.85175273	1
SEL1L2	0.27443917	1	1	1.26303441	1	1
SEL1L3	0.19366522	0.26888686	1	-0.0073596	0.86596492	1
SELE	0.27443917	1	1	1.26303441	1	1
SELENBP1	8.99693081	0.2752184	1	9.98552605	0.12281968	1
SELENOF	0.20152029	0.93700136	1	-0.7103599	0.00326547	1
SELENOH	1.17836753	0.49668398	1	0.83107729	0.43521235	1
SELENOI	-0.684469	0.40045631	1	0.75179757	0.38449632	1
SELENOK	-0.1699522	0.71339225	1	-1.5816224	0.00052477	1

SELENOM	-7.9779962	0.36779564	1	-10.340575	0.03005553	1
SELENON	1.39753883	0.23586417	1	0.76774448	0.42426179	1
SELENOO	-0.4043217	0.39478276	1	-0.4908079	0.85334708	1
SELENOP	1.6675685	0.12000471	1	-0.678234	0.29553549	1
SELENOS	-0.3344979	0.29187173	1	-1.2103625	0.00268295	1
SELENOT	-0.8595734	0.23031182	1	-0.8914935	0.0025165	1
SELENOV	0.27443917	1	1	-7.4915859	0.3629285	1
SELENOW	-0.5723783	0.26526769	1	-2.2141282	9.35E-11	2.58E-06
SELL	0.13906288	0.54124985	1	0.46196951	0.15460234	1
SELP	0.27443917	1	1	1.26303441	1	1
SELPLG	-0.8088756	0.62067505	1	-1.0220135	0.04625726	1
SEM1	-0.548521	0.48203251	1	-1.7399859	5.42E-05	1
SEMA3A	0.27443917	1	1	1.26303441	1	1
SEMA3B	0.7413894	0.4634873	1	10.1344358	0.02855238	1
SEMA3C	-0.3322546	0.66342316	1	-0.491324	0.15668207	1
SEMA3D	-9.1558817	0.19965135	1	-6.9166274	0.3629285	1
SEMA3E	0.27443917	1	1	1.26303441	1	1
SEMA3F	-6.5132161	0.36779564	1	1.26303441	1	1
SEMA3G	-8.3962315	0.36779564	1	1.26303441	1	1
SEMA4A	0.59031699	0.48956657	1	0.04244796	0.72428695	1
SEMA4B	0.49827227	0.26360044	1	0.55928111	0.35722089	1
SEMA4C	-0.6107163	0.86503869	1	0.28641431	0.83384139	1
SEMA4D	0.29900665	0.12578916	1	0.70320824	0.0003209	1
SEMA4F	-6.7650097	0.36779564	1	1.26303441	1	1
SEMA4G	-2.206849	0.40765452	1	-1.589575	0.8409801	1
SEMA5A	9.5396342	0.12052946	1	2.0092563	0.15660079	1
SEMA5B	-0.3625623	0.68052236	1	-1.4834852	0.37449073	1
SEMA6A	0.45854482	0.29504147	1	6.31370553	0.01224906	1
SEMA6B	-9.2612603	0.06784723	1	-9.1083596	0.1474095	1
SEMA6C	0.27443917	1	1	1.26303441	1	1
SEMA6D	0.27443917	1	1	1.26303441	1	1
SEMA7A	-0.3184105	0.55540624	1	0.78078684	0.65142591	1
SEMG1P	0.27443917	1	1	1.26303441	1	1
SEMG2	0.27443917	1	1	1.26303441	1	1
SENP1	-0.6266792	0.59815287	1	0.20734873	0.70519369	1
SENP2	0.00067049	0.39048914	1	-0.0005024	0.51476879	1
SENP3	-0.6779025	0.98426458	1	0.58887468	0.18752562	1
SENP5	-0.3625898	0.73965325	1	-0.0220068	0.88065785	1
SENP6	-0.0637564	0.45481178	1	0.60394323	0.00687298	1
SENP7	0.6296471	0.0036843	1	0.64785354	0.00024575	1
SENP8	-0.2532537	0.85135027	1	-0.9046766	0.95888601	1
SEPHS1	0.05447063	0.62310453	1	-0.4567114	0.59614597	1
SEPHS2	-1.01409	0.48943051	1	-2.1569869	0.00286586	1

SEPSECS	-0.0946853	0.51982472	1	0.57810052	0.29095335	1
SEPTIN1	0.62849644	0.26036266	1	-0.0946437	0.26235142	1
SEPTIN10	-7.8099251	0.36779564	1	-5.1938251	0.52259551	1
SEPTIN11	0.06238558	0.97760734	1	0.08495321	0.87623452	1
SEPTIN12	-1.6916765	0.67317602	1	-1.0056281	0.84581067	1
SEPTIN14	7.85956673	0.2752184	1	1.66754205	0.52223338	1
SEPTIN2	0.111461	0.2806638	1	-0.4669404	0.17593137	1
SEPTIN3	0.27443917	1	1	1.26303441	1	1
SEPTIN4	0.27443917	1	1	-6.3737338	0.52259551	1
SEPTIN5	0.27443917	1	1	1.26303441	1	1
SEPTIN6	0.59697268	0.09966996	1	0.05924255	0.66748244	1
SEPTIN7	-0.1608911	0.81529533	1	-0.0989638	0.42684634	1
SEPTIN8	-1.1116377	0.41759769	1	-1.1755996	0.37955312	1
SEPTIN9	0.49020774	0.01837685	1	0.79955939	0.00050553	1
SERAC1	-0.9037398	0.39243874	1	-0.5650244	0.36426963	1
SERBP1	-0.488344	0.21722099	1	-1.1672981	2.84E-05	0.78445177
SERF1A	-0.0913635	0.4226224	1	-0.8872005	0.17871933	1
SERF2	-0.3791023	0.55222627	1	-2.4661442	3.17E-13	8.76E-09
SERGEF	-0.2065607	0.35588046	1	0.60699291	0.4654661	1
SERINC1	-0.3122132	0.72668282	1	-0.0143857	0.6915373	1
SERINC2	0.27443917	1	1	1.26303441	1	1
SERINC3	0.10917319	0.64370521	1	0.02828391	0.64575639	1
SERINC4	3.37406601	0.22569004	1	1.51454879	0.1332849	1
SERINC5	0.24162369	0.77237194	1	0.61599796	0.3332667	1
SERP1	-1.1013031	0.10537818	1	-1.9068444	8.79E-05	1
SERP2	0.27443917	1	1	1.26303441	1	1
SERPINA1	-1.8678372	0.1293086	1	-2.2347122	0.0290838	1
SERPINA10	0.27443917	1	1	1.26303441	1	1
SERPINA11	0.27443917	1	1	1.26303441	1	1
SERPINA3	-8.0630785	0.36779564	1	1.26303441	1	1
SERPINA4	0.27443917	1	1	1.26303441	1	1
SERPINA5	0.0538487	0.90231962	1	9.37486886	0.12281968	1
SERPINA7	0.27443917	1	1	1.26303441	1	1
SERPINA9	0.27443917	1	1	1.26303441	1	1
SERPINB1	-0.202602	0.51023679	1	-1.7275073	0.00031065	1
SERPINB10	8.42076024	0.2752184	1	1.75772946	0.52223338	1
SERPINB11	0.27443917	1	1	-6.5177625	0.52259551	1
SERPINB13	0.27443917	1	1	1.26303441	1	1
SERPINB2	0.27443917	1	1	-7.9298874	0.1958879	1
SERPINB5	0.27443917	1	1	1.26303441	1	1
SERPINB6	-0.7810621	0.65472167	1	-1.6286765	0.01073594	1
SERPINB7	0.27443917	1	1	1.26303441	1	1
SERPINB8	0.444206	0.69545375	1	-0.2182087	0.64652658	1

SERPINB9	0.59772257	0.11042759	1	-0.2465007	0.30191324	1
SERPINC1	-0.5274534	0.90231962	1	-0.2813528	0.88397598	1
SERPIND1	-9.144886	0.11486391	1	1.26303441	1	1
SERPINE1	0.18509391	0.43786954	1	-0.1216555	0.70986304	1
SERPINE2	-8.1006707	0.36779564	1	-7.9462805	0.26373073	1
SERPINE3	-9.7697355	0.04066178	1	-10.275228	0.03005553	1
SERPINF1	-8.1466305	0.36779564	1	-6.5177625	0.52259551	1
SERPINF2	8.83300234	0.12052946	1	9.82159758	0.02855238	1
SERPING1	1.732992	0.83770648	1	1.92406219	0.35926299	1
SERPINH1	0.27443917	1	1	1.26303441	1	1
SERPINI1	-0.2240376	0.99148393	1	-0.4808513	0.74042185	1
SERPINI2	0.27443917	1	1	1.26303441	1	1
SERTAD1	-1.1019117	0.48382574	1	-2.1248063	0.00875572	1
SERTAD2	-0.0979232	0.82906812	1	0.49199973	0.24937701	1
SERTAD3	0.38379668	0.81353247	1	-1.4994214	0.02577024	1
SERTAD4	0.27443917	1	1	1.26303441	1	1
SERTM1	0.27443917	1	1	1.26303441	1	1
SERTM2	0.27443917	1	1	-6.7204133	0.52259551	1
SESN1	0.49615086	0.24705786	1	0.89988113	0.00196551	1
SESN2	-0.7260902	0.20265129	1	-0.1605137	0.34793098	1
SESN3	-0.163795	0.66160445	1	0.47647564	0.48365184	1
SESTD1	-0.9525698	0.26056869	1	-0.6935596	0.17871933	1
SET	-0.025787	0.6248995	1	-1.0500776	6.76E-05	1
SETBP1	-2.2492443	0.01158893	1	-0.6730652	0.66477479	1
SETD1A	-1.0253531	0.34223921	1	0.70990749	0.58653781	1
SETD1B	-0.264571	0.80108843	1	0.39000231	0.31702964	1
SETD2	-0.3376554	0.04388344	1	0.1938107	0.33348703	1
SETD3	0.08109613	0.49012908	1	0.33158685	0.2517279	1
SETD4	-1.9814278	0.35317179	1	-2.1913783	0.24812045	1
SETD5	-0.4160195	0.25411054	1	0.00982563	0.54093756	1
SETD6	0.27443917	1	1	-9.7005262	0.08544191	1
SETD7	0.86204447	0.02351694	1	0.54627979	0.16035127	1
SETD9	0.53198421	0.77251117	1	0.46174643	0.89240498	1
SETDB1	-1.0109218	0.41370399	1	-1.6831937	0.01300917	1
SETDB2	0.23677777	0.70671723	1	0.01530412	0.93850981	1
SETX	0.01800213	0.30453826	1	0.26397651	0.09203439	1
SEZ6	8.16837511	0.2752184	1	0.31348703	0.88397598	1
SEZ6L	8.98158005	0.12052946	1	9.97017529	0.02855238	1
SEZ6L2	0.27443917	1	1	1.26303441	1	1
SF1	0.21599956	0.2463918	1	0.06510115	0.96997813	1
SF3A1	-0.927523	0.38833564	1	-0.7247454	0.11620478	1
SF3A2	0.47072597	0.5097079	1	-0.8365832	0.46387276	1
SF3A3	-0.28986	0.48725951	1	-0.7350768	0.07758624	1

SF3B1	-0.4166276	0.14778856	1	-0.3741746	0.02600948	1	
SF3B2	-0.1763824	0.7286807	1	-0.9391532	0.00926644	1	
SF3B3	0.07213774	0.25419337	1	0.32489339	0.36999442	1	
SF3B4	-2.2589705	0.15700157	1	-3.1852837	0.01395435	1	
SF3B5	0.37186131	0.84821602	1	-1.8906148	0.00038144	1	
SF3B6	-0.8875817	0.2668225	1	-2.023587	2.61E-05	0.72161865	
SFI1	-0.293304	0.47176942	1	-0.2518537	0.99676097	1	
SFMBT1	-0.3498228	0.76029167	1	-0.2232067	0.62416252	1	
SFMBT2	-0.055433	0.67676052	1	0.52421035	0.47362575	1	
SFN	0.27443917	1	1	1.26303441	1	1	
SFPQ	0.20634226	0.37845725	1	0.07313805	0.58566707	1	
SFR1	0.8975043	0.84452255	1	1.39380904	0.60321842	1	
SFRP1	0.27443917	1	1	1.26303441	1	1	
SFRP2	0.27443917	1	1	1.26303441	1	1	
SFRP4	0.27443917	1	1	-3.4115773	0.52259551	1	
SFRP5	0.27443917	1	1	1.26303441	1	1	
SFSWAP	-0.0602293	0.58302046	1	0.85492379	0.00437171	1	
SFT2D1	0.35763944	0.34783128	1	-0.4744751	0.3123566	1	
SFT2D2	-1.437006	0.24123337	1	-1.340892	0.32773255	1	
SFTA2	0.27443917	1	1	1.26303441	1	1	
SFTA3	0.27443917	1	1	1.26303441	1	1	
SFTPA1	0.27443917	1	1	1.26303441	1	1	
SFTPB	7.65175331	0.2752184	1	8.64034855	0.12281968	1	
SFTPC	0.27443917	1	1	1.26303441	1	1	
SFTPD	0.27443917	1	1	1.26303441	1	1	
SFXN1	-0.1879338	0.75078824	1	0.3573604	0.5096844	1	
SFXN2	-0.144298	0.9957419	1	0.00398207	0.885524	1	
SFXN3	-1.2103706	0.79654313	1	-2.2933618	0.06120212	1	
SFXN4	-1.0240758	0.63990664	1	-1.1610702	0.35325189	1	
SFXN5	-0.3814556	0.75670829	1	0.31813329	0.96917696	1	
SGCA	0.27443917	1	1	1.26303441	1	1	
SGCB	-0.9286874	0.90231962	1	-0.4809459	0.84581067	1	
SGCD	0.1866726	0.68789913	1	0.18717852	0.85064705	1	
SGCE	-9.0472574	0.19965135	1	-7.2278009	0.26373073	1	
SGCG	0.27443917	1	1	-8.0774326	0.1474095	1	
SGCZ	2.52299249	0.01558793	1	3.79234617	0.00412318	1	
SGF29	-0.5104163	0.27269668	1	0.53975971	0.48925553	1	
SGIP1	0.27443917	1	1	1.26303441	1	1	
SGK1	-0.228863	0.40245486	1	-1.2270527	0.08347562	1	
SGK2	7.69213392	0.2752184	1	-1.2354835	0.8895985	1	
SGMS1	-0.3201476	0.01857803	1	0.32096879	0.36804563	1	
SGMS2	0.34958538	0.58177225	1	1.26370551	0.00521615	1	
SGO1	-7.2312547	0.19965135	1	1.26303441	1	1	

SGO2	-7.8239868	0.36779564	1	-8.7776801	0.26373073	1
SGPL1	0.5795188	0.10765366	1	0.66976143	0.12984739	1
SGPP1	-1.0202341	0.0681232	1	-0.8199948	0.13397874	1
SGPP2	0.27443917	1	1	1.26303441	1	1
SGSH	-2.3036983	0.62332381	1	-0.7944097	0.82451139	1
SGSM1	-8.7796597	0.19965135	1	-6.7204133	0.52259551	1
SGSM2	-0.0109982	0.77579715	1	2.1485947	0.00362491	1
SGSM3	1.9818229	0.06960246	1	0.5765353	0.54462089	1
SGTA	-0.284791	0.36686821	1	-1.0794939	0.33825432	1
SGTB	0.39196732	0.72960455	1	0.65579362	0.47119674	1
SH2B1	0.12467586	0.74893211	1	0.09167843	0.83271678	1
SH2B2	2.40963913	0.45132853	1	-0.2083155	0.83384139	1
SH2B3	-0.1600342	0.93463952	1	0.67767813	0.14110556	1
SH2D1A	-1.1737112	0.07887354	1	-0.1897568	0.3264963	1
SH2D1B	0.10321711	0.81377786	1	-0.6041504	0.55753379	1
SH2D2A	0.80497058	0.46194892	1	-0.1785155	0.97498228	1
SH2D3A	-1.4290726	0.67317602	1	-2.3844087	0.13406883	1
SH2D3C	-1.2080151	0.01371053	1	-0.6784312	0.09938085	1
SH2D4A	-7.579236	0.36779564	1	1.26303441	1	1
SH2D4B	-2.8685614	0.05959756	1	-2.0870126	0.10593591	1
SH2D5	-8.4842908	0.36779564	1	-6.2598662	0.52259551	1
SH2D6	-8.2522894	0.19965135	1	-6.6760683	0.3629285	1
SH2D7	0.27443917	1	1	-7.6836821	0.3629285	1
SH3BGR	1.18818938	0.83770648	1	3.10041922	0.35926299	1
SH3BGRL	-0.6412331	0.046999	1	-0.848066	0.00143045	1
SH3BGRL2	-8.3618954	0.19965135	1	-6.1725695	0.52259551	1
SH3BGRL3	-0.5818812	0.50482415	1	-3.0537825	4.10E-16	1.13E-11
SH3BP1	0.8961377	0.01925566	1	-0.3296603	0.38824167	1
SH3BP2	0.06617962	0.68110317	1	-0.3181464	0.85669607	1
SH3BP4	0.27443917	1	1	1.26303441	1	1
SH3BP5	-0.4932813	0.60640218	1	-0.2606111	0.40967711	1
SH3BP5L	-0.3475166	0.65442318	1	-0.4364309	0.98900407	1
SH3D19	-5.7676125	0.36779564	1	-6.5827228	0.52259551	1
SH3D21	0.27443917	1	1	-9.1119176	0.11188911	1
SH3GL1	-0.0598021	0.50890558	1	0.64734779	0.2052526	1
SH3GL2	0.27443917	1	1	1.26303441	1	1
SH3GL3	0.27443917	1	1	1.26303441	1	1
SH3GLB1	-0.360065	0.70411583	1	-0.1048929	0.57194383	1
SH3GLB2	1.41156608	0.50682313	1	-0.0988903	0.57999768	1
SH3KBP1	-0.131452	0.93549999	1	0.33600975	0.26484803	1
SH3PXD2A	9.57828524	0.05637677	1	0.81297456	0.95133243	1
SH3PXD2B	0.61032854	0.67247196	1	0.47475474	0.88787827	1
SH3RF1	3.40672199	0.01480663	1	0.55962521	0.19529399	1

SH3RF2	0.0751536	0.76296425	1	0.38130177	0.73265002	1
SH3RF3	9.74721759	0.12052946	1	0.65271301	0.82595901	1
SH3TC1	1.18965879	0.14781262	1	0.78181214	0.43052892	1
SH3TC2	0.27443917	1	1	1.26303441	1	1
SH3YL1	-0.9013095	0.80862687	1	-0.0344249	0.8377889	1
SHANK1	0.27443917	1	1	1.26303441	1	1
SHANK2	0.27443917	1	1	-8.5043142	0.1958879	1
SHANK3	0.27443917	1	1	1.26303441	1	1
SHARPIN	-0.4967378	0.80354689	1	-0.809783	0.16137068	1
SHB	-0.4992266	0.55059839	1	0.39569124	0.46272181	1
SHBG	-7.5291749	0.36779564	1	1.26303441	1	1
SHC1	0.65034781	0.91753106	1	1.1301367	0.54893331	1
SHC2	-0.8604204	0.63657419	1	2.0930119	0.13044933	1
SHC3	-3.117825	0.25076778	1	-1.6425241	0.8409801	1
SHC4	0.27443917	1	1	1.26303441	1	1
SHCBP1	0.27443917	1	1	-6.4164342	0.52259551	1
SHCBP1L	0.27443917	1	1	-7.6262197	0.3629285	1
SHD	8.29532031	0.2752184	1	9.28391554	0.12281968	1
SHE	0.27443917	1	1	-4.2111359	0.52259551	1
SHF	1.66747065	0.89260809	1	0.67011299	0.85548905	1
SHH	0.27443917	1	1	1.26303441	1	1
SHISA2	0.27443917	1	1	1.26303441	1	1
SHISA3	0.27443917	1	1	1.26303441	1	1
SHISA4	0.27443917	1	1	1.26303441	1	1
SHISA5	-0.4953687	0.5541799	1	-1.6685513	9.08E-05	1
SHISA6	-8.6979861	0.19965135	1	1.26303441	1	1
SHISA7	0.81508983	0.50663218	1	1.6330487	0.26286061	1
SHISA8	-6.7650097	0.36779564	1	-6.4466238	0.52259551	1
SHISA9	-7.4703458	0.36779564	1	1.26303441	1	1
SHISAL1	8.58439559	0.2752184	1	9.57299082	0.12281968	1
SHISAL2A	-0.0939757	0.89972832	1	2.10791059	0.2607118	1
SHISAL2B	0.27443917	1	1	-7.5195292	0.52259551	1
SHKBP1	-2.082089	0.09124037	1	-2.2585876	0.07270157	1
SHLD1	0.15791595	0.62230638	1	0.4846602	0.57416282	1
SHLD2	0.18732397	0.96075559	1	0.36939303	0.47366226	1
SHMT1	-0.4879373	0.68052236	1	-0.5776253	0.49338433	1
SHMT2	-0.0342943	0.98296882	1	-0.8472435	0.46841057	1
SHOC1	-0.5665598	0.68052236	1	-0.1589077	0.29509127	1
SHOC2	-0.0286911	0.90642973	1	0.45568069	0.22830625	1
SHOX2	0.27443917	1	1	1.26303441	1	1
SHPK	-1.6099429	0.36009138	1	0.18481161	0.61483126	1
SHPRH	0.72923691	0.10186687	1	0.63275233	0.07772059	1
SHQ1	-0.7611464	0.59119017	1	0.3001806	0.61305763	1

SHROOM1	0.27443917	1	1	1.26303441	1	1
SHROOM2	0.27443917	1	1	1.26303441	1	1
SHROOM3	-0.5566045	0.01927131	1	1.6878104	0.78601897	1
SHROOM4	1.62031765	0.89260809	1	2.5971014	0.52223338	1
SHTN1	-3.6002188	0.00200836	1	-3.3909733	0.00234129	1
SI	0.27443917	1	1	1.26303441	1	1
SIAE	7.24458084	0.2752184	1	1.09645818	0.52790957	1
SIAH1	-0.4795411	0.55984869	1	0.26521524	0.91007328	1
SIAH2	-0.5324825	0.71481975	1	-0.8176384	0.27680397	1
SIAH3	-8.9699488	0.36779564	1	-9.2709424	0.1474095	1
SIDT1	-0.3192991	0.72983002	1	0.53566358	0.25416574	1
SIDT2	-0.512573	0.57599649	1	0.58466115	0.65977311	1
SIGLEC1	-10.332909	0.01493805	1	-9.2542858	0.1474095	1
SIGLEC10	-5.4928051	0.36779564	1	-3.4307288	0.52259551	1
SIGLEC11	0.55633421	0.4226224	1	-1.4702736	0.03116596	1
SIGLEC12	0.27443917	1	1	1.26303441	1	1
SIGLEC14	-6.7444443	0.19965135	1	-9.0303661	0.11188911	1
SIGLEC15	0.27443917	1	1	1.26303441	1	1
SIGLEC16	-8.5439847	0.36779564	1	-5.9096262	0.3629285	1
SIGLEC5	-1.1669406	0.2572727	1	-0.9363775	0.29509127	1
SIGLEC6	-3.1188803	0.25076778	1	-3.4354933	0.09985208	1
SIGLECL1	0.27443917	1	1	1.26303441	1	1
SIGMAR1	-7.6769835	0.11486391	1	-9.4546896	0.05042498	1
SIK1	0.36393036	0.03812805	1	0.61370041	0.01339711	1
SIK2	0.1995655	0.1992035	1	1.04586411	0.003158	1
SIK3	-0.1091131	0.79947109	1	0.28736543	0.01790898	1
SIKE1	0.612679	0.22166301	1	-0.7678614	0.37682005	1
SIL1	-0.1925535	0.25537212	1	0.6183884	0.57338174	1
SIM1	0.27443917	1	1	1.26303441	1	1
SIM2	9.07598643	0.12052946	1	10.0645817	0.02855238	1
SIMC1	-0.285943	0.17965748	1	0.48139327	0.6752496	1
SIN3A	-0.2230234	0.75342227	1	0.0001823	0.8460775	1
SIN3B	0.58670948	0.13740197	1	0.5449609	0.38504496	1
SINHCAF	0.14315882	0.73988073	1	-0.1846775	0.75209755	1
SIPA1	-0.3488749	0.79439706	1	-1.3090142	0.02250864	1
SIPA1L1	-0.1828982	0.23712191	1	0.31438482	0.55713573	1
SIPA1L2	-0.0285686	0.94765345	1	0.49025564	0.55453893	1
SIPA1L3	0.55676764	0.12494682	1	0.65629377	0.01997107	1
SIRPA	-10.313307	0.01493805	1	-11.338546	0.00065215	1
SIRPB2	3.65927213	0.89260809	1	-0.0784233	0.23017163	1
SIRT1	0.2254383	0.33246057	1	0.33104778	0.15414336	1
SIRT2	-0.0281424	0.91161168	1	-0.0311874	0.74564387	1
SIRT3	1.28464622	0.83292902	1	-0.4523538	0.3331058	1

SIRT4	-1.0071156	0.41759769	1	1.25457933	0.8783593	1
SIRT5	0.34436487	0.51514375	1	1.02787544	0.08941029	1
SIRT6	0.75947265	0.80799068	1	-1.0021226	0.18946658	1
SIRT7	-1.0192971	0.43432313	1	-1.3424909	0.04826931	1
SIT1	-7.341168	0.36779564	1	-7.5776068	0.52259551	1
SIVA1	-1.2504232	0.64994186	1	-2.9606553	0.00068219	1
SIX1	0.27443917	1	1	-5.8553883	0.52259551	1
SIX2	0.27443917	1	1	1.26303441	1	1
SIX4	-8.8783066	0.36779564	1	-6.7448913	0.52259551	1
SIX5	0.27443917	1	1	-5.9768042	0.52259551	1
SKA1	-6.0973458	0.36779564	1	-5.0483792	0.52259551	1
SKA2	1.12997703	0.28849851	1	-1.12265	0.19407227	1
SKA3	0.27443917	1	1	1.26303441	1	1
SKAP1	0.0579235	0.64555769	1	0.09672114	0.43635835	1
SKAP2	-0.2846866	0.39741676	1	0.10635361	0.74336487	1
SKI	0.06760534	0.15477129	1	0.60864864	0.00155881	1
SKIDA1	0.27443917	1	1	1.26303441	1	1
SKIL	-0.079739	0.90076382	1	0.18545011	0.93547312	1
SKIV2L	-0.9495134	0.87876749	1	0.46669613	0.61212222	1
SKOR1	0.27443917	1	1	1.26303441	1	1
SKOR2	0.27443917	1	1	1.26303441	1	1
SKP1	-0.2340998	0.9978197	1	-0.8990252	0.00258069	1
SKP2	1.27320856	0.28849851	1	0.94130623	0.20376115	1
SLA	0.37603835	0.20708714	1	-0.1244027	0.4451696	1
SLA2	-0.2849343	0.24804668	1	0.20527102	0.4017727	1
SLAIN1	0.97059789	0.2078587	1	1.56986002	0.04518659	1
SLAIN2	-0.6435796	0.05783425	1	-0.4626429	0.01234735	1
SLAMF1	-0.1646482	0.33817644	1	-0.0105411	0.53644011	1
SLAMF6	-1.4111262	0.01621249	1	-0.5713797	0.13268845	1
SLAMF7	-1.5784271	0.18637107	1	-0.8380947	0.49195798	1
SLAMF8	-8.2454921	0.19965135	1	-9.1814395	0.1474095	1
SLAMF9	-8.4682085	0.36779564	1	-10.620919	0.0139617	1
SLBP	-0.8724005	0.10188555	1	-0.4360018	0.21391297	1
SLC10A1	1.50962017	0.12000471	1	-0.6466155	0.41453449	1
SLC10A2	0.27443917	1	1	1.26303441	1	1
SLC10A3	-7.8472405	0.19965135	1	-9.7728281	0.03005553	1
SLC10A4	-7.8513305	0.36779564	1	1.26303441	1	1
SLC10A5	0.27443917	1	1	-7.9201136	0.26373073	1
SLC10A6	0.27443917	1	1	1.26303441	1	1
SLC10A7	-0.3101973	0.17548777	1	0.08667646	0.5521624	1
SLC11A1	0.09386184	0.56076418	1	-1.0003811	0.04795122	1
SLC11A2	-0.851207	0.40020233	1	0.3596982	0.35939698	1
SLC12A1	0.27443917	1	1	1.26303441	1	1

SLC12A2	-0.357228	0.71917912	1	-0.1148105	0.99420234	1
SLC12A3	0.27443917	1	1	1.26303441	1	1
SLC12A4	2.02469453	0.27886875	1	1.07887905	0.4508128	1
SLC12A5	-8.6267271	0.36779564	1	-7.3704976	0.3629285	1
SLC12A6	0.02434659	0.39058772	1	0.2029787	0.02782509	1
SLC12A7	1.55000312	0.01776442	1	1.90451848	0.00910517	1
SLC12A8	-6.0973458	0.36779564	1	1.26303441	1	1
SLC12A9	-0.7093827	0.64994186	1	-0.3241041	0.62114702	1
SLC13A1	0.27443917	1	1	1.26303441	1	1
SLC13A2	0.27443917	1	1	1.26303441	1	1
SLC13A3	-8.0902342	0.36779564	1	-5.9871709	0.52259551	1
SLC13A4	-2.5692287	0.35317179	1	-1.3669665	0.49948037	1
SLC13A5	0.27443917	1	1	1.26303441	1	1
SLC14A1	9.1220549	0.12052946	1	0.02359948	0.96635635	1
SLC14A2	0.27443917	1	1	1.26303441	1	1
SLC15A1	0.27443917	1	1	1.26303441	1	1
SLC15A2	-0.7370207	0.55540624	1	-0.2582404	0.51715054	1
SLC15A3	-8.7348963	0.11486391	1	-10.256127	0.02325653	1
SLC15A4	0.09068894	0.28338171	1	0.21979292	0.23982527	1
SLC15A5	0.27443917	1	1	-7.9029481	0.3629285	1
SLC16A1	9.59173163	0.12052946	1	3.05742622	0.15452883	1
SLC16A10	-0.0132367	0.91023596	1	1.45678955	0.42426179	1
SLC16A11	-8.8993086	0.19965135	1	1.26303441	1	1
SLC16A12	0.27443917	1	1	-6.1855899	0.52259551	1
SLC16A13	0.27443917	1	1	-8.1277727	0.26373073	1
SLC16A14	2.54514138	0.22904601	1	-0.2149558	0.7415245	1
SLC16A2	0.27443917	1	1	-7.8222258	0.3629285	1
SLC16A3	-0.5768512	0.42896945	1	-0.5389232	0.19767619	1
SLC16A4	0.57714163	0.35532023	1	-0.7696193	0.51979181	1
SLC16A5	0.98563903	0.16208654	1	2.14937504	0.01148314	1
SLC16A6	0.86450198	0.34607967	1	-0.7754126	0.65588188	1
SLC16A7	1.0543205	0.00086914	1	0.84315104	0.00013418	1
SLC16A8	0.27443917	1	1	1.26303441	1	1
SLC16A9	0.27443917	1	1	1.26303441	1	1
SLC17A1	0.27443917	1	1	1.26303441	1	1
SLC17A2	0.27443917	1	1	1.26303441	1	1
SLC17A3	0.27443917	1	1	1.26303441	1	1
SLC17A4	0.27443917	1	1	1.26303441	1	1
SLC17A5	0.35173822	0.80693456	1	0.33106449	0.66830871	1
SLC17A7	0.27443917	1	1	-5.3327267	0.52259551	1
SLC17A8	0.27443917	1	1	-7.0703151	0.52259551	1
SLC17A9	-8.474681	0.19965135	1	-7.2139296	0.26373073	1
SLC18A1	0.27443917	1	1	1.26303441	1	1

SLC18A2	-2.8406106	0.25076778	1	-1.2756675	0.64032309	1
SLC18B1	-10.076225	0.04066178	1	-8.6447871	0.1958879	1
SLC19A1	0.27443917	1	1	-4.2369282	0.52259551	1
SLC19A2	0.59139225	0.35044551	1	0.34250504	0.71997353	1
SLC19A3	0.27443917	1	1	1.26303441	1	1
SLC1A1	0.27443917	1	1	-6.2269176	0.52259551	1
SLC1A2	-2.1328576	0.68052236	1	-2.2041868	0.36947031	1
SLC1A3	1.79603694	0.83292902	1	0.62389354	0.42541595	1
SLC1A4	0.20019494	0.27889804	1	-0.3243067	0.92363834	1
SLC1A5	-2.4453055	0.01036515	1	-2.6069317	0.00576861	1
SLC1A6	0.27443917	1	1	1.26303441	1	1
SLC1A7	0.27443917	1	1	1.26303441	1	1
SLC20A1	-0.5261275	0.76753589	1	-0.6424256	0.29547398	1
SLC20A2	0.1765365	0.56092452	1	0.1233709	0.5714312	1
SLC22A1	0.27443917	1	1	1.26303441	1	1
SLC22A13	-1.8291849	0.41260835	1	0.15992327	0.85064705	1
SLC22A14	-2.2460801	0.41260835	1	0.4264444	0.52790957	1
SLC22A15	-1.8525071	0.25400575	1	-2.0271257	0.0825889	1
SLC22A16	-8.1900523	0.36779564	1	-8.6437927	0.3629285	1
SLC22A17	0.27443917	1	1	1.26303441	1	1
SLC22A18	0.72839805	0.8024585	1	-1.4452249	0.17895286	1
SLC22A18AS	0.27443917	1	1	1.26303441	1	1
SLC22A2	0.27443917	1	1	1.26303441	1	1
SLC22A20P	1.34996583	0.45132853	1	0.64922312	0.82595901	1
SLC22A23	1.37901475	0.20979165	1	3.7285936	0.00125218	1
SLC22A3	0.27443917	1	1	1.26303441	1	1
SLC22A31	0.27443917	1	1	1.26303441	1	1
SLC22A4	0.27443917	1	1	-6.9844302	0.3629285	1
SLC22A5	2.21461353	0.03357683	1	3.13082148	0.0012653	1
SLC22A6	0.27443917	1	1	1.26303441	1	1
SLC22A7	0.27443917	1	1	1.26303441	1	1
SLC22A8	0.27443917	1	1	1.26303441	1	1
SLC23A1	-1.2482127	0.46277583	1	-1.4387926	0.40077097	1
SLC23A2	-0.3293463	0.9856546	1	0.6080577	0.05758711	1
SLC23A3	0.27443917	1	1	1.26303441	1	1
SLC24A1	-3.7193506	0.09208856	1	-1.7319334	0.48702665	1
SLC24A2	6.97043224	0.2752184	1	7.95902748	0.12281968	1
SLC24A3	-0.4557008	0.1323317	1	1.1634231	0.00353736	1
SLC24A4	0.27443917	1	1	-3.4115773	0.52259551	1
SLC24A5	0.27443917	1	1	-7.8282718	0.26373073	1
SLC25A1	-1.0322186	0.22572511	1	-1.3846886	0.06137789	1
SLC25A10	1.02918293	0.68789913	1	1.66631335	0.85548905	1
SLC25A11	0.51820513	0.49190027	1	-1.1545791	0.040868	1

SLC25A12	0.09155832	0.45049882	1	0.12916099	0.50053042	1
SLC25A13	0.02194594	0.57141006	1	0.48714127	0.05979081	1
SLC25A14	-1.3667224	0.43463907	1	-0.753543	0.99214564	1
SLC25A16	0.3201312	0.49162367	1	0.85831362	0.04894185	1
SLC25A17	-0.4152292	0.35883333	1	-0.4210764	0.45928034	1
SLC25A18	9.24191245	0.12052946	1	1.21928378	0.365771	1
SLC25A19	0.02046252	0.85135027	1	-0.5013311	0.5120691	1
SLC25A2	0.27443917	1	1	1.26303441	1	1
SLC25A20	-0.6861165	0.28686408	1	0.21461402	0.9061307	1
SLC25A21	-0.460355	0.83021289	1	1.05524033	0.13472045	1
SLC25A22	7.85628069	0.2752184	1	-0.9936501	0.84581067	1
SLC25A23	-8.4588911	0.19965135	1	-8.8530135	0.1474095	1
SLC25A24	-1.2516161	0.09994435	1	-1.1785403	0.01901034	1
SLC25A25	0.62903753	0.2917889	1	0.19299179	0.53617921	1
SLC25A26	-0.0762045	0.79704099	1	0.03651702	0.98381455	1
SLC25A27	0.03141747	0.94889156	1	-0.474747	0.33963972	1
SLC25A28	-0.4289032	0.96067483	1	-0.4073633	0.54146933	1
SLC25A29	-9.7327573	0.11486391	1	-9.1338336	0.1958879	1
SLC25A3	-0.9918589	0.05318168	1	-2.1812687	1.11E-10	3.05E-06
SLC25A30	-0.301866	0.89151854	1	-0.2102956	0.7478754	1
SLC25A31	0.27443917	1	1	1.26303441	1	1
SLC25A32	-0.0218411	0.91804289	1	0.48287996	0.66578042	1
SLC25A33	-0.291126	0.60549536	1	-0.001942	0.50948278	1
SLC25A34	7.407559	0.2752184	1	0.94416257	0.52790957	1
SLC25A35	-0.9278968	0.55059839	1	-0.0527612	0.62767369	1
SLC25A36	-0.314814	0.98927949	1	-0.2346909	0.58958341	1
SLC25A37	-0.9249979	0.37487568	1	-1.4299688	0.02143122	1
SLC25A38	-1.328081	0.322885	1	-0.8426559	0.5086129	1
SLC25A39	2.19445919	0.03944971	1	0.06183721	0.77881618	1
SLC25A4	-0.2218918	0.41334558	1	-1.0361231	0.01617161	1
SLC25A40	0.27934919	0.48555526	1	0.34272305	0.38242585	1
SLC25A41	0.27443917	1	1	1.26303441	1	1
SLC25A42	0.1458913	0.66459896	1	0.0226134	0.55780727	1
SLC25A43	0.06348299	0.22846923	1	0.67954381	0.03742447	1
SLC25A44	0.78795744	0.95318759	1	0.55680805	0.91371909	1
SLC25A45	8.22272295	0.12052946	1	1.62591646	0.15869376	1
SLC25A46	0.17559764	0.40273601	1	-1.0658091	0.14305657	1
SLC25A47	7.45361488	0.2752184	1	0.48450683	0.88397598	1
SLC25A48	0.27443917	1	1	1.26303441	1	1
SLC25A5	-0.7065534	0.38493554	1	-2.3081921	2.12E-06	0.05843051
SLC25A51	-7.0491558	0.36779564	1	-7.9467434	0.1958879	1
SLC25A52	7.10225734	0.2752184	1	1.41047073	0.52223338	1
SLC25A53	3.44332753	0.00050871	1	1.32937369	0.01421496	1

SLC26A1	-5.3209596	0.36779564	1	-7.0467415	0.26373073	1
SLC26A10	0.27443917	1	1	1.26303441	1	1
SLC26A11	-1.1696156	0.54111927	1	-0.9630254	0.63361072	1
SLC26A2	-1.5554457	0.10470806	1	-2.2138104	0.25384758	1
SLC26A3	0.27443917	1	1	1.26303441	1	1
SLC26A4	9.85005919	0.05637677	1	2.19656977	0.13186121	1
SLC26A5	-7.8239868	0.36779564	1	-5.7923912	0.52259551	1
SLC26A6	0.27443917	1	1	-8.3073578	0.1958879	1
SLC26A7	0.27443917	1	1	1.26303441	1	1
SLC26A8	-0.4308843	0.38861244	1	0.07583422	0.97009268	1
SLC26A9	0.27443917	1	1	1.26303441	1	1
SLC27A1	-0.4102098	0.86503869	1	-1.0694029	0.62185003	1
SLC27A2	-0.2196404	0.8789928	1	0.97700178	0.34238981	1
SLC27A3	-9.5418626	0.11486391	1	-3.4307288	0.52259551	1
SLC27A4	0.26452763	0.66563847	1	0.51399011	0.68946903	1
SLC27A5	-1.1272064	0.8204848	1	-1.3712095	0.26719892	1
SLC27A6	8.70117145	0.12052946	1	9.68976669	0.02855238	1
SLC28A1	0.27443917	1	1	-7.1264306	0.52259551	1
SLC28A2	0.27443917	1	1	1.26303441	1	1
SLC28A3	9.20387079	0.12052946	1	10.192466	0.02855238	1
SLC29A1	-0.0568578	0.84334754	1	0.29890009	0.81919621	1
SLC29A2	-8.543182	0.19965135	1	-7.0434027	0.3629285	1
SLC29A3	-0.9269136	0.80862687	1	-1.2077575	0.62185003	1
SLC29A4	1.10880573	0.89260809	1	0.7306572	0.8783593	1
SLC2A1	0.63351127	0.80799068	1	-0.2742753	0.97958058	1
SLC2A10	7.407559	0.2752184	1	-1.9233983	0.37449073	1
SLC2A11	-2.120853	0.04180019	1	-0.9128685	0.20884962	1
SLC2A12	0.27443917	1	1	-9.1835533	0.11188911	1
SLC2A13	2.47607163	0.000643	1	1.48415984	0.0326829	1
SLC2A2	7.14873999	0.2752184	1	8.13733522	0.12281968	1
SLC2A3	0.80807333	0.01332448	1	-0.158781	0.67040431	1
SLC2A4	0.27443917	1	1	1.26303441	1	1
SLC2A4RG	-2.3920402	0.40765452	1	-3.6827058	0.00621707	1
SLC2A5	-5.7676125	0.36779564	1	-6.784004	0.1958879	1
SLC2A6	-2.8627301	0.25400575	1	-2.3772742	0.28905906	1
SLC2A7	0.27443917	1	1	1.26303441	1	1
SLC2A8	-1.5802883	0.36009138	1	-0.15707	0.83384139	1
SLC2A9	-0.3491089	0.82404881	1	0.50599011	0.20340155	1
SLC30A1	-1.2720841	0.54586113	1	-1.2350151	0.49948037	1
SLC30A10	0.27443917	1	1	1.26303441	1	1
SLC30A2	0.27443917	1	1	1.26303441	1	1
SLC30A3	0.27443917	1	1	-6.3223673	0.52259551	1
SLC30A4	-0.8192279	0.20415921	1	0.24535177	0.85430703	1

SLC30A5	0.11125238	0.4156185	1	-0.2975356	0.67171862	1
SLC30A6	0.09119713	0.83629035	1	-0.4231659	0.42612734	1
SLC30A7	-0.3873942	0.40690916	1	-0.0035674	0.63880386	1
SLC30A8	7.66031053	0.2752184	1	8.64890577	0.12281968	1
SLC30A9	0.43980615	0.45532697	1	0.27072399	0.93512805	1
SLC31A1	-0.208171	0.89448096	1	0.12756967	0.8908492	1
SLC31A2	2.43393456	0.89260809	1	-1.0074349	0.17618857	1
SLC33A1	0.89609854	0.1797172	1	0.04446806	0.92149204	1
SLC34A1	0.27443917	1	1	1.26303441	1	1
SLC34A2	-8.288628	0.36779564	1	1.26303441	1	1
SLC34A3	0.27443917	1	1	1.26303441	1	1
SLC35A1	-0.0445231	0.3407336	1	-0.284397	0.8105642	1
SLC35A2	-0.1157075	0.71973464	1	0.24930405	0.8701082	1
SLC35A3	-0.9995132	0.2417699	1	-0.1358634	0.73775228	1
SLC35A4	-1.2506421	0.41759769	1	-2.1533768	0.13504805	1
SLC35A5	-0.594053	0.34244102	1	-0.0243734	0.76579168	1
SLC35B1	0.08659636	0.53391935	1	-0.5676304	0.36426963	1
SLC35B2	0.85250659	0.4634873	1	-0.1515339	0.42323579	1
SLC35B3	-0.9095118	0.37075399	1	-0.0750736	0.98824697	1
SLC35B4	-0.0607274	0.94889156	1	0.28146473	0.45968192	1
SLC35C1	-7.8970522	0.19965135	1	-8.4537521	0.1474095	1
SLC35C2	1.60444378	0.03510856	1	-0.0714997	0.97672212	1
SLC35D1	-0.0940193	0.64138204	1	0.11755185	0.87136155	1
SLC35D2	0.34784288	0.28823201	1	0.06601359	0.64598196	1
SLC35D3	7.33858656	0.2752184	1	8.3271818	0.12281968	1
SLC35E1	-0.4071267	0.33216596	1	0.3044806	0.9909927	1
SLC35E2B	-0.0172819	0.89224703	1	0.25670825	0.64744866	1
SLC35E3	2.44329762	0.01288507	1	0.62074733	0.22377651	1
SLC35E4	8.38627362	0.2752184	1	9.37486886	0.12281968	1
SLC35F1	-2.5385185	0.24755874	1	-0.2511088	0.8895985	1
SLC35F2	0.98362734	0.08005099	1	1.80787455	0.10112409	1
SLC35F3	-9.7245538	0.11486391	1	-10.393447	0.06553217	1
SLC35F4	0.27443917	1	1	1.26303441	1	1
SLC35F5	-0.4074632	0.53110276	1	0.3078216	0.36769585	1
SLC35F6	0.75700742	0.50663218	1	0.61475789	0.60904546	1
SLC35G1	-0.561503	0.90231962	1	-1.0676509	0.37955312	1
SLC35G2	0.27443917	1	1	-8.8320002	0.1958879	1
SLC36A1	0.41054557	0.72575912	1	1.75019134	0.3281448	1
SLC36A2	-7.801013	0.36779564	1	1.26303441	1	1
SLC36A3	0.27443917	1	1	1.26303441	1	1
SLC36A4	1.05749317	0.22823438	1	0.39161268	0.77907399	1
SLC37A1	0.62393255	0.06864718	1	1.36767738	0.01564408	1
SLC37A2	-6.3243319	0.36779564	1	-8.1593624	0.1958879	1

SLC37A3	0.24961992	0.35933105	1	-0.168378	0.86215425	1
SLC37A4	-0.7346112	0.90231962	1	-1.3807459	0.8409801	1
SLC38A1	-0.1717218	0.49409022	1	0.13421262	0.54149607	1
SLC38A10	-0.4922631	0.31697473	1	0.6902337	0.27028186	1
SLC38A11	-0.7523835	0.80862687	1	10.3518662	0.02855238	1
SLC38A2	0.7307544	0.29533135	1	-0.0237628	0.59331203	1
SLC38A4	0.27443917	1	1	1.26303441	1	1
SLC38A5	-2.2295508	0.01672086	1	-1.3370302	0.13221412	1
SLC38A6	-2.6624543	0.01629179	1	-1.4424764	0.1040045	1
SLC38A7	0.61952123	0.77727287	1	0.66940328	0.45793728	1
SLC38A8	0.27443917	1	1	1.26303441	1	1
SLC38A9	-0.2350994	0.98691384	1	0.1033056	0.62170416	1
SLC39A1	-9.7636975	0.02458092	1	-10.360366	0.00651331	1
SLC39A10	-0.2378758	0.74259612	1	-0.1110777	0.94105154	1
SLC39A11	0.23197462	0.40862553	1	0.77014349	0.01553747	1
SLC39A12	-1.390304	0.90231962	1	-0.3858103	0.52790957	1
SLC39A13	2.280292	0.49174922	1	-0.9358473	0.33590859	1
SLC39A14	-1.083218	0.82532256	1	-1.1349798	0.66824896	1
SLC39A2	0.27443917	1	1	1.26303441	1	1
SLC39A3	0.31189739	0.99062624	1	-1.2189953	0.22791562	1
SLC39A4	-7.5288555	0.36779564	1	-6.8117296	0.3629285	1
SLC39A5	0.27443917	1	1	1.26303441	1	1
SLC39A6	0.17093506	0.7523418	1	-1.53009	0.14903792	1
SLC39A7	-1.8249709	0.51499182	1	-1.5582928	0.22172723	1
SLC39A8	0.50367148	0.07309963	1	0.80866847	0.02578442	1
SLC39A9	-0.7836998	0.14325047	1	-0.0132158	0.59359421	1
SLC3A1	2.37609787	0.45738523	1	-0.7324017	0.6306617	1
SLC3A2	-0.240032	0.92882495	1	-0.8220435	0.25366304	1
SLC40A1	0.78683189	0.82683753	1	0.02328046	0.33853559	1
SLC41A1	0.92535131	0.34943406	1	0.78484623	0.21131761	1
SLC41A2	-1.2176561	0.41260835	1	-1.7813086	0.28905906	1
SLC41A3	0.98941384	0.77727287	1	-0.119372	0.58507901	1
SLC43A1	1.4873631	0.23243735	1	2.03841699	0.26286061	1
SLC43A2	-0.9473643	0.31450203	1	-0.0290744	0.99382838	1
SLC43A3	-9.7463162	0.06784723	1	-8.8445649	0.08544191	1
SLC44A1	0.28573336	0.25880095	1	0.07077393	0.70169434	1
SLC44A2	0.27169725	0.47965551	1	0.51941213	0.28361452	1
SLC44A3	0.27443917	1	1	1.26303441	1	1
SLC44A4	8.97526033	0.2752184	1	0.89301525	0.8783593	1
SLC44A5	-1.5271254	0.24123337	1	-2.3051736	0.07962358	1
SLC45A1	-6.8979479	0.36779564	1	-5.7242997	0.52259551	1
SLC45A2	0.27443917	1	1	1.26303441	1	1
SLC45A3	-6.8152308	0.36779564	1	1.26303441	1	1

SLC45A4	-0.3457833	0.17274234	1	1.10439091	0.3508462	1
SLC46A1	-8.3210988	0.11486391	1	-8.6720885	0.1474095	1
SLC46A2	7.97247888	0.2752184	1	0.89140442	0.52790957	1
SLC46A3	0.87186929	0.72192059	1	0.06296985	0.91866024	1
SLC47A1	-1.1070369	0.32562632	1	-1.0875136	0.33590859	1
SLC47A2	0.27443917	1	1	1.26303441	1	1
SLC48A1	-0.9136397	0.55540624	1	-0.6161566	0.51460656	1
SLC49A3	0.27443917	1	1	1.26303441	1	1
SLC49A4	-0.2807612	0.62344015	1	0.73727397	0.07375092	1
SLC4A1	0.27443917	1	1	1.26303441	1	1
SLC4A10	1.00716806	0.89260809	1	-2.9084339	0.04770358	1
SLC4A11	-7.0684566	0.36779564	1	1.26303441	1	1
SLC4A1AP	-0.0784074	0.81423415	1	0.38598551	0.36967285	1
SLC4A2	-9.2982541	0.11486391	1	-10.412348	0.00505186	1
SLC4A3	0.27443917	1	1	1.26303441	1	1
SLC4A4	-6.7100151	0.36779564	1	-7.5571743	0.3629285	1
SLC4A5	0.44127844	0.19890981	1	0.86790526	0.3609317	1
SLC4A7	0.16576343	0.9406877	1	0.60642429	0.10710348	1
SLC4A8	-7.0810037	0.36779564	1	-7.9168235	0.26373073	1
SLC4A9	-3.2134305	0.24755874	1	-2.5247706	0.1699787	1
SLC50A1	0.62842138	0.11137129	1	-0.8259897	0.09477726	1
SLC51A	0.27443917	1	1	-8.3058583	0.1958879	1
SLC51B	0.27443917	1	1	1.26303441	1	1
SLC52A1	-7.0491558	0.36779564	1	-5.2048921	0.52259551	1
SLC52A2	-7.1831599	0.11486391	1	-10.577553	0.00839699	1
SLC52A3	0.27443917	1	1	1.26303441	1	1
SLC5A1	0.27443917	1	1	1.26303441	1	1
SLC5A10	-9.1497125	0.19965135	1	-8.3028123	0.26373073	1
SLC5A11	9.13081225	0.05637677	1	-0.8110618	0.79879677	1
SLC5A12	-5.7150445	0.36779564	1	1.26303441	1	1
SLC5A2	0.27443917	1	1	-7.0501103	0.52259551	1
SLC5A3	0.31602642	0.20373844	1	0.54001014	0.08699548	1
SLC5A4	0.27443917	1	1	1.26303441	1	1
SLC5A5	-1.1509521	0.90231962	1	8.3271818	0.12281968	1
SLC5A6	-1.1978821	0.90231962	1	0.61565297	0.88397598	1
SLC5A7	0.27443917	1	1	1.26303441	1	1
SLC5A8	-5.3209596	0.36779564	1	-7.5770973	0.3629285	1
SLC5A9	0.27443917	1	1	1.26303441	1	1
SLC6A1	0.27443917	1	1	1.26303441	1	1
SLC6A11	0.27443917	1	1	-6.5373887	0.52259551	1
SLC6A12	0.27443917	1	1	1.26303441	1	1
SLC6A13	0.15159014	0.58841249	1	0.69882292	0.11441902	1
SLC6A14	0.27443917	1	1	1.26303441	1	1

SLC6A15	0.27443917	1	1	1.26303441	1	1
SLC6A16	0.27443917	1	1	-7.4594572	0.52259551	1
SLC6A17	0.27443917	1	1	1.26303441	1	1
SLC6A2	0.27443917	1	1	1.26303441	1	1
SLC6A20	8.47620646	0.2752184	1	9.4648017	0.12281968	1
SLC6A3	0.27443917	1	1	1.26303441	1	1
SLC6A4	-5.3209596	0.36779564	1	-7.8959859	0.3629285	1
SLC6A5	0.27443917	1	1	1.26303441	1	1
SLC6A6	-0.1201779	0.70262559	1	0.03745098	0.98060713	1
SLC6A7	0.27443917	1	1	1.26303441	1	1
SLC6A8	-1.0682592	0.90231962	1	-0.8007642	0.8409801	1
SLC6A9	1.36195187	0.16171892	1	0.70397494	0.15574628	1
SLC7A1	-0.5609983	0.51219492	1	-1.2254454	0.04218189	1
SLC7A10	0.27443917	1	1	1.26303441	1	1
SLC7A11	-7.6662519	0.19965135	1	1.26303441	1	1
SLC7A13	0.27443917	1	1	1.26303441	1	1
SLC7A14	0.27443917	1	1	1.26303441	1	1
SLC7A2	-7.7213779	0.36779564	1	-7.760722	0.3629285	1
SLC7A3	0.27443917	1	1	1.26303441	1	1
SLC7A4	0.27443917	1	1	1.26303441	1	1
SLC7A5	0.95361234	0.00199139	1	0.23919919	0.32301536	1
SLC7A6	0.04558317	0.84081873	1	0.05377139	0.77678447	1
SLC7A6OS	-0.4729762	0.62308559	1	-0.666524	0.9915156	1
SLC7A7	-0.7231458	0.28463872	1	-1.4892133	0.02929669	1
SLC7A8	-9.9646967	0.06784723	1	-9.1198001	0.1474095	1
SLC7A9	-0.1618411	0.37567558	1	0.42555868	0.28503107	1
SLC8A1	-0.5798945	0.80924567	1	1.03146099	0.54707344	1
SLC8A2	8.28827283	0.2752184	1	9.27686806	0.12281968	1
SLC8A3	0.27443917	1	1	1.26303441	1	1
SLC8B1	0.74875948	0.34953632	1	0.41722444	0.47507008	1
SLC9A1	-1.114125	0.15588656	1	-0.7535128	0.17399704	1
SLC9A2	-1.6984269	0.20979165	1	-1.6830691	0.04013453	1
SLC9A3	-7.4703458	0.36779564	1	-7.4999595	0.3629285	1
SLC9A3R1	0.1304106	0.63990664	1	-1.2953765	0.01208084	1
SLC9A3R2	9.43255817	0.12052946	1	0.74476282	0.82989806	1
SLC9A4	-8.2724366	0.36779564	1	1.26303441	1	1
SLC9A5	0.96089855	0.89260809	1	10.2418154	0.12281968	1
SLC9A6	-1.6012643	0.19607323	1	-0.7611809	0.35354323	1
SLC9A7	0.49335204	0.64644224	1	0.38132224	0.35672865	1
SLC9A8	-0.3529952	0.51910283	1	0.34537237	0.44284137	1
SLC9A9	-0.511592	0.18623741	1	0.25764807	0.80585018	1
SLC9B1	-0.7233771	0.84137633	1	1.62843018	0.1332849	1
SLC9B2	0.81154469	0.22777596	1	1.92949159	0.04708085	1

SLC9C1	7.8410451	0.2752184	1	8.82964034	0.12281968	1
SLC9C2	-7.8513305	0.36779564	1	-7.3069081	0.3629285	1
SLCO1A2	-9.3813688	0.11486391	1	1.26303441	1	1
SLCO1B1	0.27443917	1	1	1.26303441	1	1
SLCO1B3	0.27443917	1	1	1.26303441	1	1
SLCO1B7	0.27443917	1	1	1.26303441	1	1
SLCO1C1	0.27443917	1	1	1.26303441	1	1
SLCO2A1	0.27443917	1	1	1.26303441	1	1
SLCO2B1	-0.3082892	0.56076418	1	-0.8780653	0.1146385	1
SLCO3A1	-0.0549716	0.78645316	1	0.65123475	0.06283505	1
SLCO4A1	1.60983418	0.83770648	1	0.91913712	0.82595901	1
SLCO4C1	0.57557927	0.5156459	1	0.89084476	0.43434577	1
SLCO5A1	-1.9597034	0.90231962	1	-0.0280354	0.85548905	1
SLCO6A1	0.27443917	1	1	1.26303441	1	1
SLF1	-0.2339495	0.91226143	1	-0.0641391	0.95798074	1
SLF2	0.17311134	0.94544921	1	0.89061385	0.04781287	1
SLFN11	-5.7676125	0.36779564	1	-7.8573883	0.1474095	1
SLFN12	-1.7377001	0.41260835	1	-0.5476514	0.38210003	1
SLFN12L	-4.4291283	1.14E-07	0.00313499	-2.342225	0.0143995	1
SLFN14	0.27443917	1	1	-7.3357536	0.52259551	1
SLFN5	-0.3528648	0.43938089	1	0.27820974	0.62886078	1
SLFNL1	0.16103048	0.4634873	1	1.64677053	0.365771	1
SLIRP	-1.666838	0.01612767	1	-2.4696869	2.25E-07	0.00620926
SLIT1	-8.0691205	0.36779564	1	1.26303441	1	1
SLIT2	0.45931423	0.29834994	1	10.7158791	0.00188118	1
SLIT3	0.27443917	1	1	-6.0028637	0.52259551	1
SLITRK1	0.27443917	1	1	1.26303441	1	1
SLITRK2	0.27443917	1	1	1.26303441	1	1
SLITRK5	9.61250496	0.12052946	1	3.88441764	0.15452883	1
SLITRK6	-8.130012	0.36779564	1	1.26303441	1	1
SLK	-0.1489158	0.85788643	1	-0.0097371	0.74720779	1
SLMAP	-0.004199	0.75787551	1	0.16608637	0.74753453	1
SLPI	-8.5777059	0.19965135	1	-9.4997873	0.11188911	1
SLTM	-0.2756813	0.80379601	1	-0.2023346	0.73109635	1
SLU7	-0.0351376	0.99483674	1	-0.4950966	0.10411122	1
SLURP1	0.27443917	1	1	1.26303441	1	1
SLURP2	0.27443917	1	1	1.26303441	1	1
SLX1A	0.71041606	0.21369652	1	0.89199347	0.26361465	1
SLX4	0.17692728	0.3016831	1	0.56496353	0.32187852	1
SLX4IP	-0.6955427	0.05850191	1	-0.1286243	0.17573565	1
SMAD1	0.27443917	1	1	-7.6057418	0.1958879	1
SMAD2	0.38479769	0.31583977	1	0.38500835	0.12258444	1
SMAD3	-0.3672556	0.74220481	1	1.0000548	0.02018896	1

SMAD4	-0.4491357	0.29584622	1	0.51933703	0.20707589	1
SMAD5	0.42639797	0.53960021	1	0.23693956	0.40296213	1
SMAD6	1.63660415	0.84452255	1	1.52335241	0.82595901	1
SMAD7	0.0930639	0.42947108	1	0.79726592	0.12557198	1
SMAD9	-9.9153409	0.11486391	1	-7.3778671	0.1958879	1
SMAGP	-0.5296027	0.37418384	1	0.38993767	0.96635635	1
SMAP1	-0.1678107	0.44136456	1	0.12864742	0.64565644	1
SMAP2	-0.3719856	0.89548162	1	0.30928336	0.45241093	1
SMARCA1	0.27443917	1	1	-6.4549995	0.3629285	1
SMARCA2	0.06066362	0.6063686	1	0.00014191	0.67108137	1
SMARCA4	-1.0873202	0.04776227	1	-0.2848084	0.66419836	1
SMARCA5	-0.2659915	0.96946731	1	-0.3332458	0.1635408	1
SMARCAD1	-0.5706873	0.3358262	1	0.1562739	0.82210099	1
SMARCAL1	-0.8426366	0.60497353	1	-0.6669036	0.79000277	1
SMARCB1	-0.1944564	0.43861153	1	0.37901427	0.25790876	1
SMARCC1	-0.3627535	0.33545669	1	-0.0304506	0.86078406	1
SMARCC2	-0.4682634	0.921729	1	0.57532816	0.2003964	1
SMARCD1	-0.2015964	0.54437458	1	-0.4481286	0.40802249	1
SMARCD2	-0.695598	0.93912831	1	-1.3783097	0.17908141	1
SMARCD3	0.27443917	1	1	1.26303441	1	1
SMARCE1	-1.413519	0.04486603	1	-2.2854945	0.0003412	1
SMC1A	-0.2100978	0.30602236	1	-0.0097438	0.81768347	1
SMC1B	2.60520108	0.11452143	1	-0.1819645	0.4651245	1
SMC2	-1.4127544	0.54111927	1	-1.6241879	0.13060842	1
SMC3	-0.3579195	0.97363641	1	-1.1824088	0.00082326	1
SMC4	-0.3769327	0.66421554	1	-0.6227143	0.21124633	1
SMC5	-0.5352157	0.03617187	1	0.00022726	0.98820379	1
SMC6	-0.1662993	0.48861275	1	-0.3667931	0.78129564	1
SMCHD1	-0.5861415	0.06556633	1	0.23149953	0.03796724	1
SMCO1	0.27443917	1	1	1.26303441	1	1
SMCO2	-8.7659014	0.19965135	1	1.26303441	1	1
SMCO3	0.27443917	1	1	1.26303441	1	1
SMCO4	-0.1509071	0.91983717	1	-0.4510123	0.17799494	1
SMCR8	-1.1015209	0.37062913	1	-0.6740361	0.33130843	1
SMDT1	0.40065299	0.52157234	1	-1.7267865	4.22E-07	0.01165007
SMG1	-0.2873535	0.09574563	1	0.31818963	0.15141944	1
SMG5	-0.9807381	0.75508885	1	-0.7397134	0.38003184	1
SMG6	0.10643132	0.88578044	1	0.67400284	0.00217406	1
SMG7	0.62484106	0.04688974	1	0.61016615	0.11515163	1
SMG8	-9.183576	0.19965135	1	-8.5312558	0.08544191	1
SMG9	0.788463	0.49935642	1	-0.5746077	0.59113364	1
SMIM1	-8.0466501	0.19965135	1	-9.2179116	0.11188911	1
SMIM10	0.50926192	0.76296425	1	-0.1645334	0.48682799	1

SMIM10L1	-0.2547887	0.90724933	1	-1.5339898	0.00233449	1
SMIM10L2A	0.27443917	1	1	-6.8488	0.52259551	1
SMIM11A	-0.6235907	0.70833697	1	-0.5521742	0.31812951	1
SMIM12	-10.151243	0.01493805	1	-9.6464351	0.03005553	1
SMIM13	-0.0848921	0.97656842	1	0.33849403	0.37900685	1
SMIM14	0.64153605	0.11423409	1	0.330322	0.84053001	1
SMIM15	-0.1538985	0.82464385	1	-1.3397651	0.60410728	1
SMIM17	0.27443917	1	1	-8.0848659	0.26373073	1
SMIM18	-1.5389191	0.67317602	1	0.79804663	0.8783593	1
SMIM19	-0.4827826	0.97686644	1	-1.0175171	0.00830523	1
SMIM2	0.27443917	1	1	1.26303441	1	1
SMIM20	-1.8638873	0.25400575	1	-3.7308785	0.01030398	1
SMIM21	0.27443917	1	1	1.26303441	1	1
SMIM22	-9.3523139	0.11486391	1	-8.906714	0.1474095	1
SMIM24	0.27443917	1	1	1.26303441	1	1
SMIM26	0.25574415	0.76296425	1	-0.9181183	0.06541493	1
SMIM27	-1.4836839	0.55540624	1	-1.7988888	0.1251074	1
SMIM28	0.27443917	1	1	1.26303441	1	1
SMIM29	-1.5448472	0.41260835	1	-2.3141505	0.06347955	1
SMIM3	1.48084838	0.89260809	1	-2.8678565	0.00678914	1
SMIM30	0.08764423	0.48820674	1	-1.333505	0.02674836	1
SMIM32	0.27443917	1	1	1.26303441	1	1
SMIM33	0.27443917	1	1	1.26303441	1	1
SMIM35	0.27443917	1	1	-6.9070229	0.52259551	1
SMIM4	1.98351849	0.49668398	1	-0.0727996	0.0877743	1
SMIM5	8.47620646	0.2752184	1	9.4648017	0.12281968	1
SMIM6	0.27443917	1	1	-6.3027599	0.52259551	1
SMIM7	0.21194089	0.54202394	1	-0.7051218	0.04032219	1
SMIM8	0.27443917	1	1	-8.0676548	0.26373073	1
SMIM9	0.27443917	1	1	1.26303441	1	1
SMKR1	-8.1774396	0.36779564	1	-8.5684044	0.26373073	1
SMLR1	0.27443917	1	1	1.26303441	1	1
SMN1	0.0823352	0.8932562	1	0.33490803	0.9197029	1
SMNDC1	-0.1147851	0.87625127	1	0.06583863	0.87216802	1
SMO	0.27443917	1	1	1.26303441	1	1
SMOC1	0.27443917	1	1	1.26303441	1	1
SMOC2	-7.4703458	0.36779564	1	1.26303441	1	1
SMOX	-0.2389644	0.4900807	1	-0.0814171	0.79440696	1
SMPD1	0.76382025	0.99531304	1	-0.7965279	0.33908226	1
SMPD2	2.33246123	0.27570799	1	-0.3897611	0.30454525	1
SMPD3	0.0495017	0.90231962	1	1.84673703	0.8783593	1
SMPD4	-0.3469053	0.83488645	1	-0.4573615	0.79354696	1
SMPD5	-7.0810037	0.36779564	1	-5.353932	0.52259551	1

SMPDL3A	0.69208089	0.58298976	1	-0.4001639	0.77118269	1
SMPDL3B	0.27443917	1	1	-4.3830518	0.52259551	1
SMPX	0.27443917	1	1	1.26303441	1	1
SMR3A	0.27443917	1	1	1.26303441	1	1
SMR3B	0.27443917	1	1	1.26303441	1	1
SMS	-0.0903816	0.79263338	1	-0.5841329	0.35923569	1
SMTN	0.27443917	1	1	1.26303441	1	1
SMTNL1	-0.7896702	0.86503869	1	-1.0271883	0.62478132	1
SMTNL2	0.27443917	1	1	1.26303441	1	1
SMU1	-0.9530178	0.35749557	1	-1.0177532	0.01910073	1
SMUG1	0.45126123	0.89260809	1	-0.2129396	0.85064705	1
SMURF1	0.00174369	0.88096774	1	0.40263851	0.46733698	1
SMURF2	0.33114412	0.23919926	1	0.52186777	0.06950558	1
SMYD1	0.27443917	1	1	1.26303441	1	1
SMYD2	0.25678153	0.34186949	1	0.85330466	0.19579521	1
SMYD3	-0.1193159	0.60179753	1	0.41461677	0.13681985	1
SMYD4	0.34391197	0.37445291	1	0.60349845	0.6260396	1
SMYD5	1.53170766	0.28526399	1	0.27155136	0.9061307	1
SNAI1	0.27443917	1	1	1.26303441	1	1
SNAI2	0.27443917	1	1	1.26303441	1	1
SNAI3	7.64773019	0.2752184	1	2.32491184	0.52223338	1
SNAP23	0.30261794	0.07441719	1	0.3018545	0.27717625	1
SNAP25	-7.7742256	0.36779564	1	1.26303441	1	1
SNAP29	-0.5613871	0.94847897	1	-1.6357377	0.03681003	1
SNAP47	-0.6864946	0.35648291	1	-1.0320428	0.06508812	1
SNAP91	0.27443917	1	1	1.26303441	1	1
SNAPC1	-0.1494002	0.7916076	1	-0.8953907	0.39335205	1
SNAPC2	-1.4429781	0.79654313	1	-1.537297	0.32951735	1
SNAPC3	-0.1345096	0.81581825	1	-0.0439603	0.9834876	1
SNAPC4	0.43503017	0.7334568	1	-0.4228503	0.29696415	1
SNAPC5	-0.7134718	0.55540624	1	-3.1370685	0.00405672	1
SNAPIN	0.43763682	0.34953632	1	-0.5428925	0.21504428	1
SNCA	0.27443917	1	1	1.26303441	1	1
SNCAIP	0.27443917	1	1	1.26303441	1	1
SNCB	0.27443917	1	1	1.26303441	1	1
SNCG	-5.3209596	0.36779564	1	-7.9610033	0.52259551	1
SND1	0.03030584	0.43652193	1	0.31706584	0.14412482	1
SNED1	1.28387871	0.49668398	1	2.39828409	0.2564507	1
SNF8	-1.0782953	0.28010148	1	-2.0935083	0.00029703	1
SNIP1	-0.2149431	0.67029556	1	-0.2671344	0.41201681	1
SNN	-7.2929292	0.19965135	1	-9.313407	0.06553217	1
SNORC	0.05886198	0.9528182	1	1.49351112	0.1750721	1
SNPH	-9.4512692	0.19965135	1	-8.5561388	0.26373073	1

SNRK	0.47106921	0.04836233	1	0.81408853	0.00077945	1
SNRNP200	-0.6353006	0.57278747	1	-0.4539399	0.36363655	1
SNRNP25	0.52040693	0.78204296	1	-2.3279974	0.00020257	1
SNRNP27	-1.5688385	0.06676079	1	-2.3723217	0.0035036	1
SNRNP35	9.98227723	0.05637677	1	0.43456007	0.88787827	1
SNRNP40	-0.4796803	0.82476367	1	-1.3214306	0.21810112	1
SNRNP48	-1.5205296	0.30137038	1	-1.1821301	0.40300476	1
SNRNP70	-0.425404	0.36428826	1	0.12186797	0.46498182	1
SNRPA	1.99991976	0.15974029	1	0.66060699	0.96229192	1
SNRPA1	-0.7271309	0.0678783	1	-0.5028901	0.43873363	1
SNRPB	-0.3035853	0.64212935	1	-1.6623103	1.17E-05	0.32418957
SNRPB2	-0.8425057	0.32064755	1	-2.2483548	9.02E-06	0.24899257
SNRPC	-1.2148559	0.80862687	1	1.17167678	0.82989806	1
SNRPD1	-1.4361422	0.06279758	1	-1.7895456	0.00028919	1
SNRPD2	0.65963995	0.48489825	1	-1.9039103	3.19E-06	0.08807051
SNRPD3	0.62109322	0.6442361	1	-0.8301201	0.00321328	1
SNRPE	0.21689327	0.78503314	1	-1.6974498	0.00046285	1
SNRPF	-0.5202237	0.94853538	1	-1.2873516	0.12579136	1
SNRPG	1.14953493	0.72913938	1	-2.0946706	0.0001361	1
SNRPN	-0.3905192	0.85680057	1	-0.6765722	0.44683442	1
SNTA1	0.27443917	1	1	1.26303441	1	1
SNTB1	-0.7815612	0.00344965	1	-0.2428641	0.27236948	1
SNTB2	-0.3805655	0.46282536	1	-0.0980265	0.82909704	1
SNTG1	0.27443917	1	1	1.26303441	1	1
SNTG2	-8.0377939	0.36779564	1	-7.3046909	0.3629285	1
SNTN	-8.72031	0.19965135	1	-10.010816	0.05042498	1
SNU13	0.080005	0.55021149	1	-1.155725	0.00063953	1
SNUPN	-0.3752508	0.76450919	1	-0.0476829	0.82790812	1
SNW1	0.19659944	0.77419121	1	-0.0100926	0.68486271	1
SNX1	-1.0344617	0.19812043	1	-1.0278957	0.06241621	1
SNX10	-0.9648084	0.09574456	1	-1.0267188	0.01570986	1
SNX11	-0.7774637	0.98296882	1	-0.9284545	0.16396007	1
SNX12	-1.6695721	0.2156685	1	-1.578542	0.04792131	1
SNX13	-0.0199917	0.77380838	1	0.70650344	0.00060531	1
SNX14	-0.2897732	0.28352486	1	0.01028139	0.45310958	1
SNX15	1.26663473	0.19623965	1	-0.4768603	0.23794831	1
SNX16	-1.4589838	0.36709546	1	-0.0864002	0.78042456	1
SNX17	0.16974022	0.81908362	1	-1.4329595	0.02086368	1
SNX18	0.43242507	0.91920942	1	-1.1037742	0.10841922	1
SNX19	-0.3461948	0.98237435	1	0.42222091	0.26330776	1
SNX2	-0.5315033	0.17211953	1	0.16607632	0.78721209	1
SNX20	-10.414939	0.02458092	1	-8.992227	0.08544191	1
SNX21	-1.1906333	0.41759769	1	-0.3698106	0.64825479	1

SNX22	7.45795187	0.2752184	1	2.20722024	0.8783593	1
SNX24	-1.2896438	0.09472263	1	-1.3314966	0.03120216	1
SNX25	-0.2595075	0.34305707	1	0.21942906	0.96581458	1
SNX27	0.85065707	0.12210798	1	0.39824409	0.10558845	1
SNX29	-0.617662	0.15698444	1	0.11681734	0.58871039	1
SNX3	-1.1281393	0.05318168	1	-0.9462049	0.00641806	1
SNX30	0.70207273	0.05893407	1	0.53530829	0.09591231	1
SNX31	0.27443917	1	1	1.26303441	1	1
SNX32	-3.1945987	0.40765452	1	-3.8437325	0.02201174	1
SNX33	0.27443917	1	1	-7.3413289	0.52259551	1
SNX4	-0.3089091	0.55490021	1	0.19920606	0.84089272	1
SNX5	-0.1392988	0.43619753	1	-1.1255527	0.01649116	1
SNX6	-0.3606836	0.64231929	1	-0.1352282	0.44245757	1
SNX7	7.97247888	0.2752184	1	0.37190405	0.88397598	1
SNX8	0.10864021	0.76083611	1	-0.4303925	0.81817441	1
SNX9	-0.0774289	0.85156387	1	0.42357135	0.30669032	1
SOAT1	-0.836234	0.0991478	1	-0.2647709	0.22006947	1
SOAT2	0.24961147	0.90231962	1	-1.984357	0.48702665	1
SOBP	1.74952276	0.50164502	1	2.26177425	0.42154953	1
SOCS1	-0.2530963	0.81129398	1	-1.9398829	3.48E-05	0.96103142
SOCS2	-0.0424582	0.42290031	1	-0.1118514	0.25728409	1
SOCS3	0.27443917	1	1	-7.7132897	0.1958879	1
SOCS4	-1.0348574	0.63159326	1	-1.0697787	0.30314036	1
SOCS5	-0.5444048	0.71900528	1	1.18656218	0.07645412	1
SOCS6	-1.8502967	0.03811487	1	-0.41618	0.23017163	1
SOCS7	-0.4742697	0.65472167	1	0.56704933	0.47119674	1
SOD1	-3.8151632	0.01506208	1	-4.7372149	3.98E-05	1
SOD2	-1.2121142	0.05197376	1	-2.3187832	0.00068104	1
SOGA1	-7.7535491	0.19965135	1	-8.7415588	0.08544191	1
SOGA3	0.27443917	1	1	-5.87709	0.52259551	1
SOHLH2	0.27443917	1	1	1.26303441	1	1
SON	-0.3898694	0.25526646	1	-1.0118443	1.06E-07	0.00291407
SORBS1	-0.0178607	0.40815786	1	1.72060218	0.00037156	1
SORBS2	-2.6471899	0.15491715	1	1.50966535	0.52223338	1
SORBS3	-9.6050213	0.02458092	1	-9.5715919	0.05042498	1
SORCS1	-8.5891524	0.19965135	1	-6.4009957	0.52259551	1
SORCS2	0.27443917	1	1	-6.2598662	0.52259551	1
SORCS3	0.27443917	1	1	1.26303441	1	1
SORD	-0.2079113	0.68052236	1	-0.3142812	0.49338433	1
SORL1	0.60300516	0.21634076	1	0.72660346	0.03475346	1
SORT1	-0.7943526	0.24409127	1	0.44288808	0.62457205	1
SOS1	-0.2870506	0.30730796	1	-0.0128498	0.95126121	1
SOS2	0.19257267	0.27817771	1	0.47056666	0.00946567	1

SOSTDC1	0.27443917	1	1	1.26303441	1	1
SOWAHA	0.27443917	1	1	1.26303441	1	1
SOWAHB	0.27443917	1	1	1.26303441	1	1
SOWAHC	0.27443917	1	1	1.26303441	1	1
SOWAHD	-6.7566235	0.36779564	1	-7.1464518	0.26373073	1
SOX1	0.27443917	1	1	1.26303441	1	1
SOX10	8.23524599	0.2752184	1	-0.4332399	0.84581067	1
SOX12	0.47011521	0.89260809	1	-2.9504043	0.63637252	1
SOX13	0.5714183	0.68789913	1	1.14502187	0.52790957	1
SOX15	0.27443917	1	1	1.26303441	1	1
SOX18	0.27443917	1	1	1.26303441	1	1
SOX2	-1.9101145	0.40765452	1	0.93503606	0.52790957	1
SOX21	0.27443917	1	1	1.26303441	1	1
SOX30	0.27443917	1	1	1.26303441	1	1
SOX4	0.54898849	0.39282158	1	0.07073411	0.85578137	1
SOX5	-10.836341	0.01493805	1	-10.457895	0.11188911	1
SOX6	2.28185755	0.30498142	1	2.64848439	0.0360617	1
SOX7	0.27443917	1	1	-5.9107899	0.52259551	1
SOX8	-6.3243319	0.36779564	1	-5.2686032	0.52259551	1
SOX9	0.27443917	1	1	1.26303441	1	1
SP1	0.04176729	0.13470223	1	-0.2578877	0.96432845	1
SP100	-0.939838	5.26E-05	1	0.04648278	0.8327584	1
SP110	-0.2094552	0.52109804	1	0.14012106	0.32723477	1
SP140	-0.3796442	0.96853527	1	0.55829754	0.59138473	1
SP140L	-0.9730519	0.00473624	1	0.01878237	0.18808555	1
SP2	-0.1036865	0.78310334	1	0.299834	0.46114479	1
SP3	0.09479294	0.4202703	1	0.20247529	0.29840272	1
SP4	-0.0972478	0.64089127	1	-0.1828209	0.71202675	1
SP5	0.27443917	1	1	1.26303441	1	1
SP7	0.27443917	1	1	1.26303441	1	1
SPA17	-7.9779962	0.36779564	1	1.26303441	1	1
SPACA1	0.27443917	1	1	1.26303441	1	1
SPACA3	0.27443917	1	1	1.26303441	1	1
SPACA5	0.27443917	1	1	1.26303441	1	1
SPACA6	9.8788603	0.01326151	1	1.15398489	0.14787237	1
SPACA7	0.27443917	1	1	1.26303441	1	1
SPACA9	-8.0574579	0.11486391	1	-10.506326	0.01082624	1
SPAG1	1.17999907	0.07024288	1	1.09543032	0.12036227	1
SPAG16	0.82661033	0.50293235	1	-0.1298875	0.68833323	1
SPAG17	-9.1050065	0.11486391	1	-9.0118258	0.1958879	1
SPAG4	7.64773019	0.2752184	1	-0.0660294	0.8895985	1
SPAG5	0.27443917	1	1	-8.9599858	0.11188911	1
SPAG6	-8.3045254	0.19965135	1	-9.1996264	0.1958879	1

SPAG7	-1.0596078	0.15354619	1	-1.377982	0.00313734	1
SPAG8	0.27443917	1	1	-4.879732	0.52259551	1
SPAG9	-0.2779062	0.43904437	1	0.36045573	0.06571781	1
SPAM1	0.27443917	1	1	1.26303441	1	1
SPARC	-5.7150445	0.36779564	1	1.26303441	1	1
SPARCL1	0.27443917	1	1	-7.0750333	0.3629285	1
SPART	0.50940428	0.83370565	1	0.69055422	0.6956886	1
SPAST	-0.5609907	0.5119159	1	-0.6501285	0.08339588	1
SPATA1	-0.7331301	0.98160864	1	-0.6929948	0.72745402	1
SPATA12	0.27443917	1	1	1.26303441	1	1
SPATA13	0.21541198	0.12108453	1	0.66998798	0.01821948	1
SPATA16	0.27443917	1	1	-7.0292872	0.52259551	1
SPATA17	-9.5625177	0.19965135	1	-6.7533917	0.52259551	1
SPATA18	0.54872341	0.89260809	1	9.8002823	0.12281968	1
SPATA19	0.27443917	1	1	1.26303441	1	1
SPATA2	0.25528611	0.57473755	1	0.90795835	0.97756721	1
SPATA20	-8.4842908	0.36779564	1	1.26303441	1	1
SPATA21	-1.3737298	0.36881557	1	-1.92097	0.0326583	1
SPATA22	0.27443917	1	1	-6.0043987	0.52259551	1
SPATA24	9.62044882	0.2752184	1	2.55772301	0.52223338	1
SPATA25	0.27443917	1	1	1.26303441	1	1
SPATA2L	-0.5206194	0.88923822	1	-0.7361599	0.34706179	1
SPATA3	0.27443917	1	1	-9.7561711	0.08544191	1
SPATA32	-0.384466	0.47506312	1	0.54849129	0.71565781	1
SPATA33	-0.0674457	0.90231962	1	0.33156185	0.85064705	1
SPATA4	0.27443917	1	1	1.26303441	1	1
SPATA45	-0.2831521	0.85818915	1	-1.9337077	0.39340637	1
SPATA48	7.50227797	0.2752184	1	8.49087321	0.12281968	1
SPATA5	0.22196607	0.32990964	1	0.55355599	0.05354827	1
SPATA6	-2.2746775	0.15285381	1	-2.9863796	0.0068981	1
SPATA6L	-1.5587091	0.15686364	1	1.78462953	0.15869376	1
SPATA7	1.27758738	0.0648169	1	2.90562197	0.00130645	1
SPATA9	-1.5887796	0.51164527	1	2.02849979	0.04581003	1
SPATC1	0.27443917	1	1	-5.0483792	0.52259551	1
SPATC1L	8.4577626	0.2752184	1	9.44635783	0.12281968	1
SPATS1	0.27443917	1	1	-5.3789862	0.52259551	1
SPATS2	-0.7913025	0.26120391	1	0.28440024	0.62690765	1
SPATS2L	-0.0849847	0.69640573	1	0.66485407	0.37804618	1
SPC24	-7.7742256	0.36779564	1	-8.6570211	0.26373073	1
SPC25	0.27443917	1	1	1.26303441	1	1
SPCS1	-0.7644735	0.7341756	1	-2.5547461	1.88E-06	0.05186069
SPCS2	-0.8100138	0.33461077	1	-2.5929695	1.52E-06	0.04189942
SPCS3	-0.1758703	0.42460858	1	-1.0976622	0.01198274	1

SPDEF	0.27443917	1	1	1.26303441	1	1
SPDL1	0.85652414	0.89260809	1	-0.265371	0.88397598	1
SPDYA	0.61399076	0.09648483	1	2.36928952	5.80E-07	0.01599723
SPDYC	0.27443917	1	1	1.26303441	1	1
SPECC1	1.04079473	0.0153744	1	0.2287565	0.38434389	1
SPECC1L	-0.2483313	0.92138359	1	0.5377169	0.03152312	1
SPEF1	0.27443917	1	1	1.26303441	1	1
SPEF2	0.17429135	0.78682126	1	0.80885247	0.45318063	1
SPEG	0.27443917	1	1	1.26303441	1	1
SPEN	0.10553077	0.21954384	1	0.54012924	0.01399408	1
SPESP1	0.27443917	1	1	-8.2205785	0.26373073	1
SPG11	-0.1385408	0.31435651	1	0.18186172	0.97207114	1
SPG21	-1.0725014	0.17335083	1	-1.3556612	0.02698125	1
SPG7	-1.1533085	0.04832582	1	-0.2795781	0.70985291	1
SPHK1	-8.5807632	0.36779564	1	1.26303441	1	1
SPHK2	4.30580184	0.11273814	1	0.25303479	0.95329497	1
SPHKAP	0.27443917	1	1	1.26303441	1	1
SPI1	-1.3425813	0.26725668	1	-1.1422207	0.16185524	1
SPIC	0.27443917	1	1	1.26303441	1	1
SPICE1	0.23084129	0.47255326	1	1.03230908	0.07862551	1
SPIDR	0.12577839	0.43860127	1	0.13003368	0.20311281	1
SPIN1	-0.7183957	0.23703975	1	-0.1118771	0.88404518	1
SPIN3	0.39480014	0.5186283	1	1.39031906	0.03915378	1
SPIN4	-8.2724366	0.36779564	1	-5.8857432	0.52259551	1
SPINDOC	0.22195286	0.82075644	1	0.72211213	0.60321842	1
SPINK1	0.27443917	1	1	1.26303441	1	1
SPINK13	0.27443917	1	1	1.26303441	1	1
SPINK2	0.51357833	0.19020863	1	-3.0070833	0.00016451	1
SPINK4	0.27443917	1	1	1.26303441	1	1
SPINK5	0.27443917	1	1	1.26303441	1	1
SPINK6	0.27443917	1	1	1.26303441	1	1
SPINK7	0.27443917	1	1	1.26303441	1	1
SPINK8	0.27443917	1	1	-7.3363212	0.3629285	1
SPINK9	0.27443917	1	1	1.26303441	1	1
SPINLW1	0.27443917	1	1	1.26303441	1	1
SPINT1	-9.1399243	0.11486391	1	-10.47908	0.02325653	1
SPINT2	1.03094161	0.0603918	1	-0.6097109	0.05309209	1
SPINT3	0.27443917	1	1	1.26303441	1	1
SPINT4	0.27443917	1	1	1.26303441	1	1
SPIRE1	0.26654648	0.86201906	1	-0.4064447	0.15040873	1
SPIRE2	-7.0040063	0.36779564	1	-7.675011	0.3629285	1
SPN	-0.5455297	0.7939699	1	-0.4384809	0.41756698	1
SPNS1	-0.0886357	0.80120371	1	-1.779576	0.05283616	1

SPNS2	-0.093241	0.82075644	1	0.20484155	0.83384139	1
SPNS3	0.52169798	0.35242077	1	-0.6988752	0.78816542	1
SPO11	7.66484764	0.2752184	1	8.65344288	0.12281968	1
SPOCD1	0.27443917	1	1	1.26303441	1	1
SPOCK1	0.27443917	1	1	1.26303441	1	1
SPOCK2	0.65378971	0.01953284	1	0.89853792	0.00219956	1
SPOCK3	8.51311447	0.12052946	1	9.5017097	0.02855238	1
SPON1	-1.1625803	0.78423701	1	-0.7094111	0.8621765	1
SPON2	7.40815805	0.2752184	1	0.86013922	0.52790957	1
SPOP	0.00079922	0.74026754	1	0.24483366	0.57366276	1
SPOPL	-0.3269205	0.58922002	1	-0.0116914	0.49264695	1
SPOUT1	0.27443917	1	1	1.26303441	1	1
SPP1	0.27443917	1	1	1.26303441	1	1
SPP2	0.27443917	1	1	1.26303441	1	1
SPPL2A	-0.0086953	0.88372749	1	0.08099008	0.55838979	1
SPPL2B	2.53190755	0.45132853	1	9.28774706	0.02855238	1
SPPL3	-0.301355	0.1569386	1	-0.080858	0.69791122	1
SPR	0.27443917	1	1	-8.2925306	0.11188911	1
SPRED1	0.12113567	0.6719818	1	0.61684063	0.2895753	1
SPRED2	-0.6443217	0.87766646	1	0.5532144	0.08662611	1
SPRED3	9.30674254	0.12052946	1	2.11990593	0.15660079	1
SPRN	-7.801013	0.36779564	1	1.26303441	1	1
SPRR1B	0.27443917	1	1	1.26303441	1	1
SPRR3	0.27443917	1	1	1.26303441	1	1
SPRTN	-0.0725518	0.1381172	1	-0.4170207	0.11407593	1
SPRY1	-10.982216	0.02458092	1	-9.6759085	0.06553217	1
SPRY2	-1.5835617	0.06263793	1	-2.1583645	0.00797099	1
SPRY3	1.66294698	0.23243735	1	2.43474219	0.25857517	1
SPRY4	-7.801013	0.36779564	1	1.26303441	1	1
SPRYD3	-1.2774668	0.22166301	1	-1.6230739	0.048209	1
SPRYD4	0.27443917	1	1	-6.5657686	0.3629285	1
SPRYD7	-1.9278123	0.37429731	1	-1.8729153	0.11766652	1
SPSB1	0.45955843	0.72432697	1	1.32035633	0.01928829	1
SPSB2	0.35503194	0.52174859	1	-1.5293346	0.32498876	1
SPSB3	0.91430731	0.07306902	1	-0.6477023	0.38454247	1
SPSB4	0.27443917	1	1	1.26303441	1	1
SPTA1	0.27443917	1	1	1.26303441	1	1
SPTAN1	0.26051653	0.41513791	1	0.35428739	0.09668966	1
SPTB	-7.0491558	0.36779564	1	1.26303441	1	1
SPTBN1	1.00160648	0.16962295	1	1.62224882	0.00194833	1
SPTBN2	0.27443917	1	1	1.26303441	1	1
SPTBN4	-7.6508016	0.36779564	1	-6.4547231	0.52259551	1
SPTBN5	-0.6481115	0.37775956	1	-0.2301714	0.8377889	1

SPTLC1	0.47558376	0.60082724	1	0.87592056	0.33795247	1
SPTLC2	-0.708014	0.21591236	1	0.12851367	0.50816001	1
SPTLC3	-8.8711795	0.19965135	1	-8.4282611	0.1958879	1
SPTSSA	-0.533154	0.8350902	1	-0.6870687	0.30463509	1
SPTSSB	0.27443917	1	1	1.26303441	1	1
SPTY2D1	-0.957254	0.13539034	1	-0.2692306	0.34993878	1
SPTY2D1OS	0.27443917	1	1	1.26303441	1	1
SPX	0.27443917	1	1	1.26303441	1	1
SQLE	0.42622897	0.2156697	1	-0.2924507	0.33884921	1
SQOR	-0.5060214	0.85827823	1	-0.7803699	0.10275057	1
SQSTM1	0.24574364	0.21398937	1	-0.6855067	0.03798171	1
SRA1	1.14951071	0.43717668	1	0.16660023	0.73734938	1
SRARP	0.27443917	1	1	1.26303441	1	1
SRBD1	-0.2213448	0.31858696	1	-0.4488368	0.3298206	1
SRC	-8.3828105	0.19965135	1	-7.4221523	0.3629285	1
SRCAP	-0.1189299	0.90573366	1	1.0706822	0.0143443	1
SRCIN1	-8.6749204	0.36779564	1	1.26303441	1	1
SRD5A1	-9.5260907	0.19965135	1	-8.9883328	0.1474095	1
SRD5A2	-6.5132161	0.36779564	1	1.26303441	1	1
SRD5A3	1.91651535	0.45132853	1	-1.0242964	0.50701383	1
SREBF1	-9.659979	0.04066178	1	-7.6017723	0.26373073	1
SREBF2	1.12422916	0.00028617	1	0.52222356	0.03901132	1
SREK1	-0.3000247	0.26894863	1	-0.0355495	0.9659905	1
SREK1IP1	-0.2336489	0.97229208	1	-1.0632338	0.10936288	1
SRF	-1.3883347	0.41759769	1	-1.788226	0.37701669	1
SRFBP1	-0.4000108	0.88498832	1	-0.5564889	0.52445157	1
SRGAP1	-8.2150995	0.36779564	1	-9.3818283	0.1474095	1
SRGAP2	-0.627036	0.04211126	1	0.12275207	0.63060196	1
SRGAP3	0.24736985	0.74893211	1	0.14962757	0.8304598	1
SRGN	-0.3085318	0.20801056	1	-1.3097641	3.00E-09	8.29E-05
SRI	-0.5986838	0.84606868	1	-1.8338799	1.14E-05	0.31585283
SRL	-1.7449023	0.86503869	1	1.49689403	0.15869376	1
SRM	0.24119333	0.91549579	1	-2.7085629	0.00519694	1
SRMS	0.27443917	1	1	1.26303441	1	1
SRP14	-0.1158178	0.98113341	1	-2.0783587	2.15E-09	5.94E-05
SRP19	-1.3001312	0.11389087	1	-1.7786885	0.00024795	1
SRP54	-0.3147672	0.22894137	1	-0.8535406	0.00468731	1
SRP68	-0.2995605	0.60809795	1	-1.1150364	0.03543494	1
SRP72	-0.7906284	0.37669078	1	-0.5443264	0.17176675	1
SRP9	-0.486159	0.24880431	1	-2.8064784	5.15E-06	0.14223212
SRPK1	-0.3198782	0.92741314	1	-0.4167748	0.17227285	1
SRPK2	-0.1938918	0.51518651	1	0.10498064	0.53361779	1
SRPK3	0.27443917	1	1	1.26303441	1	1

SRPRA	0.3516945	0.28907754	1	-0.6266385	0.30886635	1
SRPRB	3.54576562	0.22569004	1	-1.1499666	0.03893689	1
SRPX	0.27443917	1	1	1.26303441	1	1
SRPX2	0.27443917	1	1	1.26303441	1	1
SRR	-1.6380485	0.18165514	1	-1.9044949	0.17737601	1
SRRD	0.16156941	0.85135027	1	-1.22454	0.16878325	1
SRRM1	-0.0839624	0.93665084	1	-0.4866646	0.06190964	1
SRRM2	-0.3154078	0.09512379	1	0.02115709	0.93265905	1
SRRM3	0.27443917	1	1	1.26303441	1	1
SRRM4	0.27443917	1	1	1.26303441	1	1
SRRM5	0.27443917	1	1	1.26303441	1	1
SRRT	-0.4580899	0.55662827	1	-0.6835099	0.46293804	1
SRSF1	-0.7586096	0.54292949	1	-1.1428143	0.00448208	1
SRSF10	-0.6301377	0.07308823	1	-1.0873878	5.64E-05	1
SRSF11	0.07758865	0.248677	1	0.07084786	0.5688518	1
SRSF12	-1.4110627	0.79654313	1	-0.7032505	0.62771855	1
SRSF2	0.51283931	0.33470138	1	-0.3892874	0.09683637	1
SRSF3	0.14837613	0.52883188	1	-0.7141495	0.00096218	1
SRSF4	-0.5759264	0.14912713	1	-0.1701652	0.29073819	1
SRSF5	0.5079747	0.0326606	1	-0.7261929	0.00025578	1
SRSF6	0.85396741	0.02163286	1	0.17873848	0.3984251	1
SRSF7	-0.8057988	0.00890936	1	-0.9806353	4.91E-06	0.13561403
SRSF8	0.16596259	0.97127295	1	-0.644932	0.36072061	1
SRSF9	0.0606718	0.96129049	1	-0.815317	0.0201076	1
SRXN1	-8.3840348	0.19965135	1	-9.1078389	0.1958879	1
SRY	0.27443917	1	1	1.26303441	1	1
SS18	-0.1282073	0.53941673	1	0.68514963	0.01293097	1
SS18L1	0.52427868	0.22880024	1	0.87042193	0.19430911	1
SS18L2	-0.6009651	0.65139657	1	-2.5428648	0.00012362	1
SSB	-0.6781986	0.26471201	1	-1.380497	1.64E-05	0.45169642
SSBP1	0.16863458	0.84349254	1	-1.0084456	0.00305201	1
SSBP2	-0.0662223	0.56547469	1	0.27185496	0.87931186	1
SSBP3	0.8562764	0.00253728	1	1.17822644	6.58E-06	0.181538
SSBP4	0.51406155	0.44703371	1	-1.1256801	0.00071925	1
SSC4D	7.64773019	0.2752184	1	8.63632542	0.12281968	1
SSC5D	0.27443917	1	1	1.26303441	1	1
SSH1	-0.3091112	0.70434645	1	0.51361794	0.02215474	1
SSH2	-0.004037	0.99842823	1	0.65747389	0.00031714	1
SSH3	0.07613803	0.87556323	1	1.32220085	0.09953884	1
SSMEM1	-8.3316009	0.36779564	1	1.26303441	1	1
SSNA1	1.34479953	0.50164502	1	-1.5204358	0.07443051	1
SSPN	-5.7676125	0.36779564	1	-8.5936709	0.08544191	1
SSPO	7.32590085	0.2752184	1	8.31449608	0.12281968	1

SSR1	-1.2606161	0.01619002	1	-1.4144428	0.00057052	1
SSR2	-0.8962667	0.45874547	1	-2.4869965	2.41E-08	0.00066518
SSR3	-0.5940669	0.65379415	1	-1.4315501	0.00535536	1
SSR4	0.66779673	0.31792363	1	-1.4546476	4.39E-07	0.01211411
SSRP1	-0.1164048	0.75083241	1	-0.1818367	0.60285904	1
SSTR2	-8.5265831	0.36779564	1	-6.3041129	0.52259551	1
SSTR3	0.27443917	1	1	1.26303441	1	1
SSTR4	0.27443917	1	1	1.26303441	1	1
SSTR5	0.27443917	1	1	1.26303441	1	1
SSU72	-0.1246094	0.89580874	1	-0.498167	0.16627687	1
SSUH2	0.27443917	1	1	1.26303441	1	1
SSX2IP	0.23808153	0.85135027	1	0.0279493	0.97009268	1
SSX3	7.37245979	0.2752184	1	8.36105503	0.12281968	1
ST13	0.26784102	0.41900066	1	-0.5703558	0.05817218	1
ST14	0.15313348	0.62067505	1	0.71967747	0.40740838	1
ST18	0.27443917	1	1	1.26303441	1	1
ST3GAL1	0.32792949	0.17110753	1	0.26387191	0.24212372	1
ST3GAL2	-0.0315092	0.79776964	1	0.36545784	0.50238614	1
ST3GAL3	0.44932592	0.34664212	1	0.6739671	0.01490649	1
ST3GAL4	-1.0695785	0.322885	1	-0.0319454	0.87897508	1
ST3GAL5	-0.0379088	0.53674906	1	0.25371555	0.73808668	1
ST3GAL6	0.80864369	0.52198056	1	0.13951586	0.90901138	1
ST5	-10.177246	0.04066178	1	-7.5646589	0.3629285	1
ST6GAL1	0.12211726	0.12177599	1	0.70785924	0.00129393	1
ST6GAL2	0.27443917	1	1	1.26303441	1	1
ST6GALNAC1	0.27443917	1	1	-7.1828294	0.52259551	1
ST6GALNAC2	0.8140535	0.45738523	1	0.2194697	0.96262077	1
ST6GALNAC3	-0.0084012	0.78434173	1	2.29589416	0.22103202	1
ST6GALNAC4	-4.2022145	0.05711755	1	-4.6900922	0.00217503	1
ST6GALNAC5	-0.3725493	0.93078916	1	0.11600057	0.55355025	1
ST6GALNAC6	0.89716771	0.04446655	1	0.83415395	0.03396329	1
ST7	-0.1303363	0.80956685	1	0.24751748	0.83065166	1
ST7L	-0.097555	0.55620372	1	-0.3745916	0.22689309	1
ST8SIA1	-4.8946479	0.0563102	1	-3.7113424	0.13020681	1
ST8SIA2	0.27443917	1	1	1.26303441	1	1
ST8SIA4	-0.459669	0.10542533	1	-0.2786884	0.08663279	1
ST8SIA5	0.27443917	1	1	1.26303441	1	1
ST8SIA6	-9.218322	0.11486391	1	-8.2603739	0.26373073	1
STAB1	-7.1236435	0.36779564	1	-5.1938251	0.52259551	1
STAB2	6.80268521	0.2752184	1	-2.8064422	0.48386448	1
STAC	0.36619995	0.85374083	1	0.7745123	0.57964694	1
STAC2	0.27443917	1	1	1.26303441	1	1
STAC3	0.18627114	0.97871194	1	-1.2360944	0.06220776	1

STAG1	-0.1126282	0.82705058	1	0.23803071	0.0146733	1
STAG2	-0.1314785	0.56968452	1	0.12007671	0.55406442	1
STAG3	-7.6591732	0.36779564	1	-8.1737518	0.26373073	1
STAM	0.60867238	0.3243351	1	0.77572696	0.10502976	1
STAM2	-0.417729	0.781047	1	-0.5268516	0.12738316	1
STAMBP	0.22328936	0.45861418	1	0.36550058	0.260345	1
STAMBPL1	0.65586082	0.08176619	1	-0.3182404	0.43969558	1
STAP1	-0.3509365	0.81868014	1	0.29935378	0.938835	1
STAP2	7.14873999	0.2752184	1	0.25052721	0.52790957	1
STAR	0.27443917	1	1	1.26303441	1	1
STARD10	-6.7958073	0.36779564	1	-8.3191977	0.1958879	1
STARD13	-0.50664	0.88923822	1	-0.1246692	0.62114702	1
STARD3	-0.2688212	0.96907938	1	0.06231127	0.89922606	1
STARD3NL	-0.0415996	0.81034174	1	-1.3250711	0.00394555	1
STARD4	-0.6354027	0.40200108	1	-0.4967877	0.39118391	1
STARD5	0.27443917	1	1	-7.9385424	0.26373073	1
STARD6	7.22574839	0.2752184	1	0.79029602	0.52790957	1
STARD7	-0.0506011	0.93279637	1	-0.0223575	0.62952992	1
STARD8	6.23735948	0.2752184	1	-0.8661523	0.84581067	1
STARD9	-1.1518214	0.22212772	1	0.38841029	0.29461969	1
STAT1	-1.3267126	0.00247419	1	-0.0402818	0.84656001	1
STAT2	-1.4410814	0.02443268	1	-0.3464724	0.3886311	1
STAT3	-0.3455445	0.29447222	1	0.28609329	0.76774281	1
STAT4	-0.858213	0.00249629	1	0.12620657	0.81399055	1
STAT5A	-1.2087061	0.19005239	1	-0.1750144	0.99026738	1
STAT5B	-0.1755261	0.75746147	1	-0.0626454	0.35127284	1
STAT6	-0.014276	0.60370038	1	0.37745473	0.57171624	1
STAU1	0.45801186	0.23027367	1	0.1706524	0.75316592	1
STAU2	0.37251858	0.14112468	1	0.65761247	0.02694794	1
STBD1	0.27443917	1	1	1.26303441	1	1
STC1	0.27443917	1	1	1.26303441	1	1
STC2	0.27443917	1	1	-5.9107899	0.52259551	1
STEAP1	-7.7715742	0.36779564	1	1.26303441	1	1
STEAP2	0.27443917	1	1	1.26303441	1	1
STEAP3	7.50291826	0.2752184	1	3.01734318	0.52223338	1
STEAP4	0.27443917	1	1	-3.4307288	0.52259551	1
STH	0.27443917	1	1	1.26303441	1	1
STIL	-3.5893229	0.05876115	1	-3.9206653	0.00636862	1
STIM1	0.2271815	0.21527318	1	0.75434159	0.0001108	1
STIM2	0.08855216	0.5794117	1	0.5069368	0.06454649	1
STIMATE	0.86051596	0.36369395	1	1.49229464	0.31504619	1
STIP1	-0.3363902	0.69266875	1	-0.9596783	0.01199208	1
STK10	0.03934902	0.72130839	1	0.03129246	0.59614002	1

STK11	-0.4940341	0.70101001	1	-0.0279624	0.88950456	1
STK11IP	-1.2694398	0.78423701	1	-0.7890309	0.85762157	1
STK16	1.09640963	0.34381253	1	-0.5845475	0.32282055	1
STK17A	0.12836889	0.43467183	1	0.24841297	0.11147751	1
STK17B	0.03181768	0.78278365	1	-0.099777	0.21132926	1
STK24	-0.055652	0.70987542	1	0.57301754	0.41321565	1
STK25	-0.0812443	0.59053652	1	-0.17106	0.303345	1
STK26	0.17472299	0.57263825	1	-0.1649596	0.78320945	1
STK3	-0.9048437	0.06112741	1	0.56124992	0.95958149	1
STK31	-0.1060501	0.90231962	1	0.34019606	0.8783593	1
STK32A	0.27443917	1	1	1.26303441	1	1
STK32B	6.23735948	0.2752184	1	0.45092105	0.52790957	1
STK32C	-1.5635004	0.68965142	1	0.66479378	0.3259445	1
STK33	-0.6463116	0.90231962	1	8.68072916	0.12281968	1
STK35	0.23866174	0.10376709	1	1.10136962	0.02803429	1
STK36	8.44862894	0.2752184	1	9.43722417	0.12281968	1
STK38	0.24034536	0.27913568	1	0.57664286	0.05802167	1
STK38L	-0.16456	0.90345333	1	0.60324692	0.37241025	1
STK39	-0.2951201	0.77377037	1	0.12331444	0.16367863	1
STK4	-0.2093146	0.71021945	1	-0.1461197	0.4011628	1
STK40	-0.2929417	0.90794816	1	-0.1331267	0.6569965	1
STKLD1	-1.4820766	0.68052236	1	0.67453516	0.8783593	1
STMN1	-2.0023866	0.44157913	1	-2.3258378	0.08273525	1
STMN2	0.27443917	1	1	1.26303441	1	1
STMN3	-0.7074292	0.86279763	1	-0.9448337	0.15677137	1
STMN4	0.27443917	1	1	1.26303441	1	1
STMND1	2.13314509	0.89260809	1	1.1724712	0.85548905	1
STN1	0.18439214	0.40263774	1	0.34777905	0.29756138	1
STOM	-1.167444	0.15457024	1	-0.956239	0.06581981	1
STOML1	-7.8894416	0.36779564	1	1.26303441	1	1
STOML2	-1.1970571	0.37062913	1	-3.2538843	0.0005363	1
STOML3	0.27443917	1	1	1.26303441	1	1
STON1	-0.9905929	0.55540624	1	-1.3734032	0.95141927	1
STON2	1.70276217	0.45132853	1	-0.3997383	0.84569608	1
STOX1	0.27443917	1	1	-6.4296746	0.52259551	1
STOX2	-7.0810037	0.36779564	1	-6.1904564	0.52259551	1
STPG1	9.15324932	0.12052946	1	1.29406957	0.365771	1
STPG2	0.27443917	1	1	-5.0947114	0.52259551	1
STPG4	0.35207042	0.81908362	1	-0.8977998	0.28229146	1
STRA6	0.27443917	1	1	1.26303441	1	1
STRA8	0.27443917	1	1	1.26303441	1	1
STRADA	-1.2073635	0.23052772	1	-0.6060464	0.55753379	1
STRADB	-8.0483132	0.36779564	1	-8.0078079	0.1958879	1

STRAP	-0.5664972	0.18023823	1	-1.2455967	0.0046649	1
STRBP	-0.4687118	0.59242356	1	-0.4747298	0.0994851	1
STRC	-8.4386111	0.19965135	1	-8.1197088	0.26373073	1
STRC-1	0.27443917	1	1	1.26303441	1	1
STRIP1	-0.8484709	0.27162769	1	0.27546096	0.87893378	1
STRIP2	0.27443917	1	1	-7.745783	0.52259551	1
STRN	0.37097512	0.03328508	1	0.38560347	0.07478601	1
STRN3	-0.4001412	0.5307518	1	0.54721031	0.00780148	1
STRN4	-0.7702681	0.57022818	1	-0.7209292	0.61734348	1
STS	0.62991912	0.33211818	1	0.01700691	0.98904876	1
STT3A	-1.0367442	0.86853365	1	-0.7440295	0.57878663	1
STT3B	0.01985656	0.61795046	1	0.23199932	0.14843384	1
STUB1	-1.77792	0.24859104	1	-3.3480673	2.05E-05	0.56482923
STUM	-5.4928051	0.36779564	1	-8.2175035	0.3629285	1
STX10	4.81130974	0.05633774	1	0.68695412	0.85181359	1
STX11	-1.6833051	0.07551313	1	-0.6909782	0.56473439	1
STX12	-0.536407	0.21770627	1	-0.4743896	0.28402544	1
STX16	0.21262454	0.47038221	1	0.03070073	0.39734462	1
STX17	-0.2117337	0.62701245	1	0.1439458	0.76169894	1
STX18	-0.716534	0.23132376	1	-1.0833552	0.1057858	1
STX19	-0.3951366	0.90231962	1	-0.7102744	0.8895985	1
STX1A	0.04437411	0.85818915	1	0.16493587	0.6484425	1
STX1B	-8.0178825	0.36779564	1	1.26303441	1	1
STX2	-1.0414384	0.82464385	1	-0.7742199	0.34065998	1
STX3	-1.3391051	0.00803803	1	-0.5237233	0.02439238	1
STX4	0.39993368	0.45760296	1	-0.0047336	0.70492903	1
STX5	1.32091389	0.01067574	1	0.31747017	0.15898385	1
STX6	0.62021379	0.94759825	1	1.23155038	0.33575625	1
STX7	-0.645314	0.26914099	1	-0.150679	0.73453728	1
STX8	-0.3501923	0.76646153	1	0.40770957	0.10310002	1
STXBP1	-7.7213779	0.36779564	1	-8.9283008	0.26373073	1
STXBP2	0.18597253	0.39606738	1	0.12038964	0.9562241	1
STXBP3	0.61862621	0.13317823	1	0.44683722	0.39569065	1
STXBP4	-0.5394909	0.59682813	1	0.13591499	0.83426267	1
STXBP5	-0.0280236	0.89916711	1	0.23471451	0.15570787	1
STXBP5L	8.28677248	0.12052946	1	1.8603522	0.15869376	1
STXBP6	0.27443917	1	1	-7.0978085	0.3629285	1
STYK1	1.68705546	0.00239652	1	0.96250626	0.0098805	1
STYX	0.00763768	0.57006105	1	0.06962491	0.90950958	1
STYXL1	-0.326532	0.88923822	1	0.9268689	0.4297168	1
SUB1	-0.188464	0.53898153	1	-0.9610016	0.00092422	1
SUCLA2	0.87596489	0.02445496	1	0.2700047	0.45691448	1
SUCLG1	0.04581793	0.75559025	1	-0.9089295	0.03477755	1

SUCLG2	-0.0763732	0.64000477	1	0.99489988	0.00042832	1
SUCNR1	-1.0066586	0.26056869	1	-1.4964135	0.08320414	1
SUCO	-0.2990304	0.42079331	1	0.20174186	0.44518966	1
SUDS3	1.0670782	0.00436672	1	0.22547876	0.3864905	1
SUFU	0.21653723	0.40436363	1	0.99529002	0.01678779	1
SUGCT	-1.383997	0.3016831	1	0.65316834	0.11002101	1
SUGP1	0.07215102	0.31272918	1	0.92404482	0.00979226	1
SUGP2	0.34499826	0.02775208	1	0.71078032	0.01554111	1
SUGT1	0.96951587	0.09863476	1	-0.3083704	0.10365917	1
SULF1	-8.5439847	0.36779564	1	1.26303441	1	1
SULF2	-0.4608021	0.65472167	1	-0.3188313	0.7964904	1
SULT1A3	-1.3698265	0.70618243	1	-0.1339074	0.76616696	1
SULT1B1	0.27443917	1	1	1.26303441	1	1
SULT1C4	0.27443917	1	1	1.26303441	1	1
SULT1E1	0.27443917	1	1	1.26303441	1	1
SULT2A1	7.45361488	0.2752184	1	0.29953726	0.52790957	1
SULT2B1	0.27443917	1	1	1.26303441	1	1
SULT6B1	7.407559	0.2752184	1	-0.670828	0.52790957	1
SUMF1	-1.1338397	0.04386257	1	-0.3149384	0.17353927	1
SUMF2	0.17512821	0.81353247	1	0.67053507	0.60904546	1
SUMO1	-0.7247401	0.24207575	1	-0.9284027	0.17736852	1
SUMO2	-0.8804295	0.2539141	1	-2.1093547	3.13E-07	0.00864544
SUMO3	-2.6266301	0.00622328	1	-2.0409117	0.02065972	1
SUN1	0.60624409	0.19421393	1	0.23889379	0.59984059	1
SUN2	0.27680446	0.47120264	1	-0.3971402	0.34774416	1
SUN3	0.27443917	1	1	-5.8553883	0.52259551	1
SUN5	7.53880401	0.2752184	1	-0.2645757	0.88397598	1
SUOX	9.08430576	0.12052946	1	10.072901	0.02855238	1
SUPT16H	-0.3203945	0.93764986	1	-0.2983228	0.53712464	1
SUPT20H	0.14116445	0.31732292	1	0.70426399	0.01592446	1
SUPT3H	-0.0257399	0.87700027	1	0.49599801	0.05002749	1
SUPT4H1	-0.1377961	0.74810579	1	-1.8344746	0.00359886	1
SUPT5H	-0.2550638	0.66393707	1	0.18849604	0.55449557	1
SUPT6H	-0.4016954	0.77205525	1	0.83387906	0.12683949	1
SUPT7L	0.38101465	0.20871969	1	0.70871056	0.35441974	1
SUPV3L1	0.26629658	0.94469158	1	0.81816233	0.39448733	1
SURF2	-0.8665976	0.80862687	1	-2.7278828	0.01448865	1
SURF4	-0.8983817	0.24474451	1	-2.0567636	0.00228464	1
SURF6	0.18662619	0.3016831	1	0.17229496	0.47480426	1
SUSD1	-0.6282002	0.52867762	1	-0.2213784	0.77620449	1
SUSD2	0.27443917	1	1	1.26303441	1	1
SUSD3	-0.8768152	0.73123883	1	-1.0766791	0.07302755	1
SUSD4	-0.0556991	0.20106087	1	-0.0184968	0.16577906	1

SUSD5	0.27443917	1	1	1.26303441	1	1
SUSD6	-0.2979602	0.3840027	1	0.52115071	0.02012517	1
SUV39H1	8.42076024	0.2752184	1	0.37757424	0.85548905	1
SUV39H2	-0.7029389	0.86503869	1	-1.2548933	0.62185003	1
SUZ12	-0.0444794	0.69714181	1	0.34919353	0.74433508	1
SV2A	0.47203361	0.50663218	1	0.96562157	0.4297168	1
SV2B	0.27443917	1	1	1.26303441	1	1
SV2C	0.27443917	1	1	1.26303441	1	1
SVBP	-0.4913743	0.47358334	1	-1.7949242	0.00983661	1
SVEP1	8.4577626	0.2752184	1	9.44635783	0.12281968	1
SVIP	0.67063454	0.84452255	1	-2.2203622	0.01191847	1
SVOP	-8.0630785	0.36779564	1	1.26303441	1	1
SVOPL	-9.5440953	0.06784723	1	-9.4994252	0.05042498	1
SWAP70	-1.1588606	0.16658363	1	-0.9373569	0.07853505	1
SWI5	1.48449577	0.89260809	1	-1.5947523	0.29106049	1
SWSAP1	-7.4059083	0.36779564	1	-6.6082459	0.3629285	1
SWT1	-0.4162491	0.44678136	1	0.02218618	0.95311572	1
SYAP1	-0.1539837	0.99370467	1	-0.3318905	0.72926312	1
SYBU	-7.3858295	0.36779564	1	-9.4719408	0.1474095	1
SYCE1	0.27443917	1	1	1.26303441	1	1
SYCE1L	-7.4451245	0.36779564	1	-8.9964428	0.11188911	1
SYCE2	0.37030067	0.78682126	1	2.46344819	0.0434432	1
SYCE3	-9.4609919	0.36779564	1	1.26303441	1	1
SYCP1	0.27443917	1	1	1.26303441	1	1
SYCP2	1.3313382	0.08803378	1	0.85284805	0.06284773	1
SYCP2L	8.20997694	0.2752184	1	9.19857217	0.12281968	1
SYCP3	0.64772169	0.84452255	1	0.8057747	0.60321842	1
SYDE1	0.27443917	1	1	1.26303441	1	1
SYDE2	0.27443917	1	1	-7.6138392	0.26373073	1
SYF2	0.54065475	0.30575717	1	-0.407957	0.13744795	1
SYK	-1.5380004	0.00034458	1	-0.3015943	0.77890666	1
SYMPK	-0.3927075	0.80658215	1	0.16716145	0.82713737	1
SYN1	0.27443917	1	1	-8.3305527	0.52259551	1
SYN2	1.81389013	0.02190158	1	0.97597514	0.00268681	1
SYN3	0.25043063	0.85162514	1	0.93863386	0.06602953	1
SYNC	-1.4991281	0.80862687	1	-1.9636921	0.25384758	1
SYNCRIP	0.52561093	0.05007193	1	0.67705487	0.01286213	1
SYNDIG1	-5.7676125	0.36779564	1	-8.3857546	0.26373073	1
SYNDIG1L	0.27443917	1	1	1.26303441	1	1
SYNE1	-0.4377898	0.22438139	1	-0.4191094	0.08989479	1
SYNE2	-0.3966488	0.05224011	1	-0.1858201	0.29656611	1
SYNE3	-0.2534915	0.95493467	1	0.81165443	0.00293068	1
SYNE4	0.27443917	1	1	1.26303441	1	1

SYNGAP1	1.39559643	0.89260809	1	-1.8535612	0.37449073	1
SYNGR1	0.27443917	1	1	-6.1938442	0.3629285	1
SYNGR2	-0.8241138	0.36254446	1	-1.1058152	0.03591287	1
SYNGR3	0.27443917	1	1	-7.0693905	0.52259551	1
SYNGR4	8.009752	0.2752184	1	-1.6831123	0.28905906	1
SYNJ1	-0.1313832	0.15188736	1	0.37332743	0.28586636	1
SYNJ2	-0.4304654	0.37418384	1	0.97626541	0.79732102	1
SYNJ2BP	0.04091624	0.86225739	1	-0.2418408	0.20926899	1
SYNM	0.27443917	1	1	1.26303441	1	1
SYNPO	0.27443917	1	1	1.26303441	1	1
SYNPO2	-1.5712362	0.31207067	1	-1.1108977	0.18703782	1
SYNPO2L	0.27443917	1	1	1.26303441	1	1
SYNPR	0.27443917	1	1	1.26303441	1	1
SYNRG	-0.2046544	0.53664756	1	-0.1472042	0.45811945	1
SYP	0.27443917	1	1	1.26303441	1	1
SYPL1	-0.6658818	0.58573374	1	-0.5488295	0.46783735	1
SYPL2	-6.8152308	0.36779564	1	-5.8726831	0.52259551	1
SYS1	0.18364671	0.68156465	1	0.43732732	0.24545438	1
SYT1	0.27443917	1	1	-7.77587	0.3629285	1
SYT10	0.27443917	1	1	-6.1121484	0.52259551	1
SYT11	-0.8981692	0.32562632	1	-1.0527511	0.18177623	1
SYT12	0.27443917	1	1	1.26303441	1	1
SYT13	0.27443917	1	1	1.26303441	1	1
SYT14	0.27443917	1	1	1.26303441	1	1
SYT15	0.27443917	1	1	1.26303441	1	1
SYT16	-8.4020936	0.36779564	1	1.26303441	1	1
SYT17	0.27443917	1	1	1.26303441	1	1
SYT2	-7.1236435	0.36779564	1	-8.3574357	0.1958879	1
SYT3	-0.575096	0.90231962	1	8.66593457	0.12281968	1
SYT4	0.27443917	1	1	1.26303441	1	1
SYT5	0.27443917	1	1	1.26303441	1	1
SYT6	0.27443917	1	1	1.26303441	1	1
SYT7	0.27443917	1	1	1.26303441	1	1
SYT8	0.27443917	1	1	1.26303441	1	1
SYT9	0.27443917	1	1	-6.5683195	0.52259551	1
SYTL1	-0.2005454	0.90650582	1	-0.8955428	0.23679918	1
SYTL2	-0.4842036	0.4397907	1	-0.3009587	0.41631261	1
SYTL3	-1.3332381	6.37E-06	0.17577901	-0.3051451	0.09499731	1
SYTL4	-7.0527981	0.19965135	1	-8.4465293	0.26373073	1
SYTL5	0.27443917	1	1	1.26303441	1	1
SYVN1	-0.6295734	0.46636297	1	1.13116311	0.7764731	1
SZRD1	-0.025209	0.68043641	1	0.12389773	0.31981054	1
SZT2	-0.0567721	0.51971529	1	0.97250683	0.00882156	1

TAAR2	0.27443917	1	1	1.26303441	1	1
TAB1	0.15726581	0.64086458	1	-0.222567	0.84290762	1
TAB2	0.12119992	0.47597165	1	0.31429765	0.09155645	1
TAB3	0.78234506	0.24411609	1	-0.1194619	0.69801757	1
TAC3	0.27443917	1	1	1.26303441	1	1
TACC1	0.20938928	0.25843708	1	0.12866528	0.44742876	1
TACC2	0.87479725	0.89260809	1	1.6165911	0.8783593	1
TACC3	-1.1671514	0.41083185	1	-0.159555	0.76910062	1
TACO1	0.36989331	0.85135027	1	-1.8854867	0.25240725	1
TACR1	0.27443917	1	1	1.26303441	1	1
TACR2	0.27443917	1	1	-6.4355989	0.1958879	1
TACR3	0.27443917	1	1	1.26303441	1	1
TACSTD2	0.27443917	1	1	-8.4913241	0.26373073	1
TADA1	-2.7039165	0.09079438	1	-1.8284782	0.39355014	1
TADA2A	-0.9171078	0.41792168	1	-0.2734301	0.61638616	1
TADA2B	-0.3394972	0.56076418	1	-1.2511956	0.41039816	1
TADA3	1.79300492	0.01892515	1	-0.1190217	0.79687034	1
TAF1	-0.4677177	0.79693942	1	-0.0490091	0.82136872	1
TAF10	-1.1096427	0.39387711	1	-2.818653	0.00037104	1
TAF11	1.09433232	0.31987037	1	-0.847056	0.19699145	1
TAF12	0.65614745	0.71599223	1	-0.4200246	0.13301886	1
TAF13	-0.3067996	0.81082991	1	0.18753889	0.74971066	1
TAF15	-0.1541902	0.78443784	1	-0.3792626	0.39537071	1
TAF1A	0.0348005	0.39533857	1	-0.5861178	0.72923032	1
TAF1B	-0.4781656	0.71837494	1	-0.2744974	0.98552333	1
TAF1C	-1.7206437	0.22706714	1	0.81240106	0.15233364	1
TAF1D	-0.3158185	0.97783206	1	-0.2293039	0.33914895	1
TAF1L	0.27443917	1	1	1.26303441	1	1
TAF2	-0.3842345	0.43886857	1	0.1727693	0.47376925	1
TAF3	-0.7812629	0.00528547	1	-0.1463605	0.21822605	1
TAF4	0.15580649	0.39430881	1	0.14432655	0.45736246	1
TAF4B	0.52432265	0.66563847	1	0.44241555	0.7984173	1
TAF5	-0.4696707	0.80120371	1	-0.2576519	0.92814858	1
TAF5L	-0.7700176	0.29338664	1	-0.3573905	0.60502341	1
TAF6	-1.0873426	0.38822059	1	-0.2872655	0.82321037	1
TAF6L	-9.4063642	0.11486391	1	-10.639051	0.00651331	1
TAF7	-0.1981108	0.70035494	1	-1.3889822	0.00749484	1
TAF7L	0.27443917	1	1	1.26303441	1	1
TAF8	-0.7060978	0.9004735	1	0.27570039	0.51665942	1
TAF9	-1.4944683	0.13644224	1	-2.2089709	0.00384248	1
TAF9B	-0.0180743	0.68789913	1	-1.616401	0.22537795	1
TAFA1	9.12250544	0.12052946	1	3.48271199	0.15452883	1
TAFA2	2.85874934	0.45738523	1	11.3660521	0.02855238	1

TAFA3	0.27443917	1	1	1.26303441	1	1
TAFA4	1.90046689	0.11815455	1	2.98447048	0.0434432	1
TAFA5	-8.1905591	0.36779564	1	-6.1519811	0.52259551	1
TAGAP	-0.6438855	0.48207011	1	-0.6594556	0.32920987	1
TAGLN	-8.5965567	0.19965135	1	-6.6332985	0.3629285	1
TAGLN2	0.34220572	0.12064613	1	-1.3899696	2.46E-05	0.67894717
TAGLN3	0.27443917	1	1	1.26303441	1	1
TAL1	0.27443917	1	1	-5.1938251	0.52259551	1
TAL2	-1.7271873	0.67317602	1	0.5418508	0.88397598	1
TALDO1	-1.1333626	0.11231771	1	-2.2950421	7.48E-06	0.20653258
TAMM41	0.78020427	0.70283452	1	-0.0492114	0.7449406	1
TANC1	-1.3867619	0.33990114	1	0.80972275	0.70841776	1
TANC2	-0.1710817	0.68854054	1	0.22405384	0.24102857	1
TANGO2	0.66482609	0.04610637	1	0.94521444	0.01819586	1
TANGO6	-0.0384649	0.83198174	1	0.41801126	0.46780123	1
TANK	-0.2197105	0.32022852	1	0.34158441	0.67055863	1
TAOK1	-0.2892441	0.19392318	1	0.09870781	0.69825588	1
TAOK2	0.25978135	0.5276287	1	-0.4051298	0.70038579	1
TAOK3	0.01078272	0.91435509	1	0.13414257	0.34314784	1
TAP1	-0.5525654	0.28075653	1	-0.8655538	0.09225149	1
TAP2	-0.7493615	0.28862518	1	-0.5445924	0.32758991	1
TAPBP	-0.9185227	0.29606249	1	-0.3643507	0.41566186	1
TAPBPL	0.51035788	0.71032624	1	-0.0513805	0.70810135	1
TAPT1	0.30030394	0.85974881	1	0.46879746	0.56885149	1
TARBP1	0.37266828	0.23338218	1	0.37305954	0.14303921	1
TARBP2	-2.2077908	0.90231962	1	-1.5279017	0.49019995	1
TARDBP	-0.2265545	0.75513753	1	-0.2442413	0.87564093	1
TARM1	0.27443917	1	1	-3.4115773	0.52259551	1
TARS	-0.2238842	0.71771274	1	0.41166704	0.60996459	1
TARS2	1.2804753	0.95318759	1	0.09723184	0.78675002	1
TARSL2	0.69160466	0.13398276	1	0.18566414	0.93629302	1
TAS1R1	-8.1774396	0.36779564	1	-8.3856343	0.3629285	1
TAS1R2	0.27443917	1	1	1.26303441	1	1
TAS1R3	0.27443917	1	1	1.26303441	1	1
TAS2R1	0.27443917	1	1	1.26303441	1	1
TAS2R14	0.27443917	1	1	-3.4115773	0.52259551	1
TAS2R3	0.27443917	1	1	-6.4610545	0.52259551	1
TAS2R38	0.27443917	1	1	1.26303441	1	1
TAS2R39	0.27443917	1	1	1.26303441	1	1
TAS2R4	0.27443917	1	1	1.26303441	1	1
TAS2R40	0.27443917	1	1	1.26303441	1	1
TAS2R46	7.85628069	0.2752184	1	8.84487593	0.12281968	1
TAS2R5	0.27443917	1	1	1.26303441	1	1

TASOR	-0.3824619	0.16792941	1	-0.1118007	0.60017727	1
TASOR2	0.0722001	0.41329981	1	0.0462715	0.60108373	1
TASP1	0.29597039	0.48143525	1	0.5048169	0.06714482	1
TAT	0.27443917	1	1	1.26303441	1	1
TATDN1	0.01971334	0.88342794	1	-0.5557797	0.06016727	1
TATDN2	1.03877826	0.00102809	1	1.0025809	0.00112857	1
TATDN3	-0.8319478	0.89972832	1	-0.079808	0.80520616	1
TAX1BP1	-0.5145742	0.17140642	1	-0.693032	0.00395704	1
TAX1BP3	-0.2563764	0.16926196	1	-1.0132709	0.06965243	1
TAZ	7.8410451	0.2752184	1	-2.3842122	0.1036209	1
TBATA	0.27443917	1	1	1.26303441	1	1
TBC1D1	-0.552915	0.30290369	1	0.21081335	0.19027211	1
TBC1D10A	-0.2856035	0.60412161	1	0.90886125	0.48191257	1
TBC1D10B	0.21946494	0.76722589	1	-1.2809155	0.18613911	1
TBC1D10C	-0.3769855	0.3238479	1	-0.9891375	0.00325231	1
TBC1D12	0.43829321	0.82394024	1	1.08978848	0.52539966	1
TBC1D13	1.83775119	0.08561293	1	0.01564197	0.94258899	1
TBC1D14	-0.215673	0.62281225	1	0.16996342	0.09922177	1
TBC1D15	-0.4312107	0.82721969	1	-0.104292	0.51567508	1
TBC1D16	-0.7591649	0.89448096	1	-0.8736301	0.60169027	1
TBC1D17	-0.8030241	0.92511844	1	0.46744381	0.20376115	1
TBC1D19	-0.9676601	0.29132399	1	0.67899219	0.88930563	1
TBC1D2	-0.9836904	0.37021147	1	0.55319083	0.25725531	1
TBC1D20	-0.0576127	0.67606376	1	-0.7606049	0.40338783	1
TBC1D22A	-0.1095433	0.79330155	1	0.72020651	0.01394436	1
TBC1D22B	-0.6568989	0.28278337	1	-0.0634577	0.7627755	1
TBC1D23	-0.1940182	0.62154673	1	0.65760318	0.01806529	1
TBC1D24	0.27443917	1	1	1.26303441	1	1
TBC1D25	-0.5879165	0.73111606	1	0.02893173	0.90582812	1
TBC1D2B	-0.0919329	0.37838386	1	0.16570467	0.4309322	1
TBC1D30	0.64214316	0.89260809	1	-1.3963328	0.64428388	1
TBC1D31	0.54990198	0.60016054	1	0.06263862	0.84508253	1
TBC1D32	-0.1499009	0.96720032	1	1.88310491	0.10192526	1
TBC1D4	1.71741835	0.36326031	1	0.82832169	0.96992551	1
TBC1D5	-0.1261974	0.18390777	1	0.45050363	0.01017757	1
TBC1D7	0.45893869	0.56503214	1	3.24661466	0.15660079	1
TBC1D8	-1.0459868	0.42372402	1	0.72517406	0.24002986	1
TBC1D8B	-5.7676125	0.36779564	1	-7.8591122	0.26373073	1
TBC1D9	-2.5028976	0.15285381	1	-0.8745671	0.17745059	1
TBC1D9B	-0.2428667	0.61227445	1	-0.4375381	0.80072085	1
TBCA	-0.2406577	0.94105732	1	0.03422325	0.75181092	1
TBCB	-0.3268204	0.48097094	1	-1.1160042	0.01221949	1
TBCC	1.47476267	0.22005705	1	-1.0175897	0.01489164	1

TBCCD1	-2.4927968	0.40765452	1	-2.4059912	0.28311048	1
TBCD	0.40521345	0.04047056	1	0.26928923	0.26199278	1
TBCE	-0.6902736	0.40509089	1	-0.2830307	0.93297306	1
TBCEL	-0.3842175	0.74387737	1	0.79251828	0.45793728	1
TBCK	0.0950166	0.32783637	1	0.45095719	0.09040694	1
TBK1	-0.6171219	0.59404608	1	-0.1336945	0.75993678	1
TBKBP1	0.27443917	1	1	1.26303441	1	1
TBL1X	-0.3442169	0.26998533	1	0.54176058	0.20490988	1
TBL1XR1	-0.3096798	0.3301713	1	0.52510913	0.00211272	1
TBL1Y	-9.3099114	0.11486391	1	-5.9871709	0.52259551	1
TBL2	-2.0020859	0.36009138	1	-1.8838458	0.31195226	1
TBL3	-1.2207205	0.4518349	1	-1.0435809	0.22707307	1
TBP	0.50077817	0.14234911	1	0.71607846	0.07128027	1
TBPL1	-0.4135852	0.88485584	1	0.20709548	0.45121446	1
TBPL2	0.27443917	1	1	1.26303441	1	1
TBR1	-8.9217984	0.19965135	1	-7.0501103	0.52259551	1
TBRG1	-0.8102588	0.10203688	1	-0.9905646	0.05137139	1
TBRG4	-0.2839758	0.9390896	1	0.57647981	0.18370002	1
TBX1	7.69213392	0.2752184	1	0.92143856	0.8783593	1
TBX10	0.27443917	1	1	1.26303441	1	1
TBX15	0.27443917	1	1	1.26303441	1	1
TBX18	0.27443917	1	1	1.26303441	1	1
TBX19	0.78717443	0.11927833	1	1.16924567	0.00717694	1
TBX2	0.27443917	1	1	1.26303441	1	1
TBX20	0.27443917	1	1	1.26303441	1	1
TBX21	-1.6287266	0.1179736	1	-0.5159389	0.47006878	1
TBX3	0.27443917	1	1	1.26303441	1	1
TBX4	0.27443917	1	1	1.26303441	1	1
TBX5	0.27443917	1	1	1.26303441	1	1
TBX6	7.37245979	0.2752184	1	-1.403057	0.8409801	1
TBXA2R	7.50291826	0.2752184	1	-0.5539279	0.84581067	1
TBXAS1	0.7271298	0.89260809	1	-1.5400328	0.37449073	1
TC2N	0.16795701	0.2912666	1	-0.4189692	0.13670229	1
TCAF1	0.70968409	0.4634873	1	-0.2128573	0.95515215	1
TCAF2	-0.2982923	0.77625525	1	1.81738437	0.03266499	1
TCAIM	1.207927	0.02315949	1	0.71084173	0.11581656	1
TCAP	-0.8523334	0.85135027	1	-1.5913534	0.39758803	1
TCEA1	0.01452095	0.58438696	1	-0.7556789	0.01738391	1
TCEA2	2.99983085	0.89260809	1	-0.1230058	0.49978619	1
TCEA3	-6.7650097	0.36779564	1	-5.9157289	0.52259551	1
TCEAL1	0.37216989	0.97188389	1	1.56685456	0.19758285	1
TCEAL2	0.27443917	1	1	1.26303441	1	1
TCEAL4	1.04584918	0.89260809	1	-0.1757073	0.29712061	1

TCEAL5	0.27443917	1	1	1.26303441	1	1
TCEAL6	0.27443917	1	1	1.26303441	1	1
TCEAL7	0.27443917	1	1	1.26303441	1	1
TCEAL8	-1.6942069	0.37418384	1	-1.9723657	0.25240725	1
TCEAL9	-0.7485416	0.37418384	1	-3.1505285	0.00121657	1
TCEANC	1.09660884	0.82683753	1	3.222134	0.36250784	1
TCEANC2	1.00744808	0.52964575	1	0.66114478	0.85427601	1
TCERG1	-0.2272768	0.70611916	1	-0.0129192	0.72817213	1
TCERG1L	0.27443917	1	1	1.26303441	1	1
TCF12	0.04626167	0.45437218	1	0.51872443	0.0002823	1
TCF15	0.27443917	1	1	1.26303441	1	1
TCF19	-0.4612085	0.90231962	1	-1.6138966	0.37449073	1
TCF20	0.37509055	0.10649047	1	0.63217901	0.01985311	1
TCF23	0.27443917	1	1	1.26303441	1	1
TCF24	0.27443917	1	1	1.26303441	1	1
TCF25	-0.3024277	0.40390195	1	-0.2949921	0.06978247	1
TCF3	1.73556932	0.05464825	1	0.68864791	0.43845195	1
TCF4	-0.811835	0.55908191	1	0.4498749	0.85075028	1
TCF7	0.63062653	0.01358647	1	0.94814988	0.00150799	1
TCF7L1	-10.605893	0.02458092	1	-10.3981	0.02325653	1
TCF7L2	-1.3711114	0.00273155	1	-0.3132074	0.45621839	1
TCFL5	2.59368636	0.15391423	1	0.46104004	0.60276238	1
TCHH	0.27443917	1	1	-7.6115907	0.52259551	1
TCHP	0.48453702	0.34943406	1	-0.121057	0.76207875	1
TCIM	0.27443917	1	1	1.26303441	1	1
TCIRG1	-0.8486944	0.08761225	1	-1.0316558	0.02846189	1
TCL1A	-8.2873621	0.36779564	1	1.26303441	1	1
TCL1B	0.27443917	1	1	1.26303441	1	1
TCN1	-8.1704246	0.36779564	1	-7.7370751	0.3629285	1
TCN2	0.27443917	1	1	-8.4860443	0.1958879	1
TCOF1	-1.5312055	0.01031471	1	-0.9295126	0.19022595	1
TCP1	-1.0739727	0.13374837	1	-1.0675792	0.00952998	1
TCP10	0.27443917	1	1	1.26303441	1	1
TCP10L	0.27443917	1	1	1.26303441	1	1
TCP11	0.27443917	1	1	1.26303441	1	1
TCP11L1	-0.7854691	0.64544687	1	1.20657667	0.07635971	1
TCP11L2	0.52674569	0.0518137	1	0.71930492	0.01718985	1
TCTA	-0.4600275	0.4634873	1	0.06581469	0.37235208	1
TCTE1	9.50022717	0.05637677	1	1.58992756	0.1332849	1
TCTE3	0.7789824	0.1657316	1	1.36117765	0.03929246	1
TCTEX1D1	0.27443917	1	1	1.26303441	1	1
TCTEX1D2	-2.1021145	0.41260835	1	-3.2267344	0.04770358	1
TCTEX1D4	-7.730174	0.36779564	1	-7.9053432	0.52259551	1

TCTN1	-8.2403294	0.36779564	1	-8.8854186	0.1958879	1
TCTN2	-1.3028142	0.88923822	1	0.74341526	0.27157795	1
TCTN3	9.47386948	0.12052946	1	0.08423431	0.96262077	1
TDG	-0.4069507	0.26700006	1	-0.4818763	0.11632534	1
TDO2	0.27443917	1	1	1.26303441	1	1
TDP1	0.84951458	0.23970917	1	1.96067365	0.00236388	1
TDP2	0.60846984	0.3466669	1	-0.5206554	0.34086222	1
TDRD1	0.27443917	1	1	1.26303441	1	1
TDRD10	8.35724955	0.2752184	1	2.8889853	0.52223338	1
TDRD12	0.27443917	1	1	-7.5307817	0.26373073	1
TDRD15	0.27443917	1	1	1.26303441	1	1
TDRD3	0.17698245	0.82364294	1	0.24506666	0.78537662	1
TDRD5	0.27443917	1	1	1.26303441	1	1
TDRD6	0.27443917	1	1	1.26303441	1	1
TDRD7	-0.050708	0.98188144	1	0.5577308	0.05476583	1
TDRD9	-0.132049	0.68789913	1	8.59808643	0.12281968	1
TDRKH	-0.4506072	0.89448096	1	-0.6972999	0.98900407	1
TDRP	0.27443917	1	1	-7.1828294	0.52259551	1
TEAD1	-8.6267271	0.36779564	1	-9.9089424	0.08544191	1
TEAD2	0.27443917	1	1	1.26303441	1	1
TEAD3	-7.3858295	0.36779564	1	-7.12105	0.3629285	1
TEAD4	0.27443917	1	1	-7.7228819	0.3629285	1
TEC	0.03570807	0.62832534	1	0.368773	0.20672801	1
TECPR1	2.23751937	0.07438477	1	0.97119398	0.12764886	1
TECPR2	0.89397353	0.16749741	1	0.66360706	0.51064029	1
TECR	-0.0478921	0.83115353	1	-0.5124726	0.15845922	1
TECRL	0.27443917	1	1	1.26303441	1	1
TECTA	-2.5603237	0.41260835	1	-2.4967819	0.220656	1
TECTB	0.27443917	1	1	1.26303441	1	1
TEDC1	-0.0077168	0.98296882	1	0.34204798	0.48031966	1
TEDC2	0.27443917	1	1	-5.1938251	0.52259551	1
TEF	-7.5569148	0.36779564	1	-7.8474175	0.26373073	1
TEFM	1.90714778	0.83770648	1	-1.1681142	0.13547135	1
TEK	9.06207114	0.2752184	1	10.0506664	0.12281968	1
TEKT1	-9.6128857	0.11486391	1	-8.9044567	0.1958879	1
TEKT2	-7.341168	0.36779564	1	-5.9025962	0.52259551	1
TEKT3	0.27443917	1	1	1.26303441	1	1
TEKT4	-6.8152308	0.36779564	1	1.26303441	1	1
TEKT5	0.27443917	1	1	1.26303441	1	1
TELO2	-1.1810061	0.41759769	1	-0.68227	0.64428388	1
TENM1	-10.435118	0.06784723	1	-9.3116756	0.1474095	1
TENM2	-9.1593681	0.11486391	1	-7.2784846	0.52259551	1
TENM3	1.41727541	0.10895725	1	-0.4065531	0.81530494	1

TENM4	0.51597266	0.4634873	1	0.06978057	0.83384139	1
TENT2	-0.200875	0.54328875	1	-0.0115408	0.61585683	1
TENT4A	-0.4388882	0.70623796	1	0.30961384	0.36296214	1
TENT4B	0.42893789	0.12567663	1	0.30944426	0.17163935	1
TENT5A	-4.2317919	0.005023	1	-2.2535413	0.22222204	1
TENT5B	-7.4059083	0.36779564	1	1.26303441	1	1
TENT5C	-0.1421888	0.7434163	1	-0.5536747	0.02070199	1
TENT5D	0.27443917	1	1	1.26303441	1	1
TEP1	-0.3482588	0.9677973	1	0.46376556	0.93753727	1
TEPP	7.21585798	0.2752184	1	8.20445321	0.12281968	1
TEPSIN	-0.2516098	0.56076418	1	-1.3235845	0.04510637	1
TERB1	0.17029448	0.68172886	1	0.69278726	0.29598905	1
TERB2	0.27443917	1	1	-7.5195292	0.52259551	1
TERC	0.27443917	1	1	-7.8880864	0.26373073	1
TERF1	-1.0933393	0.02860653	1	-0.7706796	0.09387576	1
TERF2	0.75044447	0.329156	1	0.66568623	0.07544449	1
TERF2IP	-0.4828017	0.39191529	1	-0.8666547	0.00956033	1
TERT	0.27443917	1	1	1.26303441	1	1
TES	0.92725623	0.04500263	1	0.44546182	0.35450888	1
TESC	-0.3337761	0.53910723	1	-0.3529097	0.20525349	1
TESK1	-1.9156962	0.25400575	1	-2.3528542	0.08136947	1
TESK2	-1.9396387	0.07155983	1	-1.6555796	0.17651971	1
TESMIN	-0.7808916	0.8025791	1	0.77302686	0.36905242	1
TESPA1	1.08076399	0.01545367	1	0.36830197	0.26710152	1
TET1	-0.2422531	0.94992834	1	-0.0315122	0.70783049	1
TET2	-0.9315082	0.01641779	1	0.156778	0.75904143	1
TET3	0.06051032	0.37082922	1	0.67680046	0.02927033	1
TEX10	0.82571522	0.16402147	1	0.83510929	0.04352134	1
TEX101	0.27443917	1	1	1.26303441	1	1
TEX11	-6.2499036	0.36779564	1	-6.3888789	0.52259551	1
TEX12	0.27443917	1	1	1.26303441	1	1
TEX13B	0.27443917	1	1	1.26303441	1	1
TEX13D	0.27443917	1	1	1.26303441	1	1
TEX14	0.07683971	0.64267427	1	-0.5243004	0.43781164	1
TEX15	0.27443917	1	1	1.26303441	1	1
TEX2	0.06057904	0.58672877	1	0.48288901	0.41842524	1
TEX22	0.53668726	0.50663218	1	0.19044217	0.79879677	1
TEX26	-5.7676125	0.36779564	1	-7.0498412	0.3629285	1
TEX261	-0.3644832	0.658917	1	-0.4470646	0.4285496	1
TEX264	1.48418562	0.32976659	1	-0.0960955	0.4206567	1
TEX28	0.27443917	1	1	1.26303441	1	1
TEX29	0.16886481	0.90231962	1	8.96107412	0.12281968	1
TEX30	0.29002331	0.7334568	1	-0.4731319	0.25903794	1

TEX33	0.27443917	1	1	1.26303441	1	1
TEX35	0.27443917	1	1	1.26303441	1	1
TEX38	-8.7277466	0.19965135	1	-9.2575505	0.1474095	1
TEX43	0.27443917	1	1	1.26303441	1	1
TEX45	8.51584817	0.12052946	1	1.28892216	0.82202434	1
TEX46	0.27443917	1	1	1.26303441	1	1
TEX48	0.27443917	1	1	1.26303441	1	1
TEX49	-8.1854989	0.36779564	1	-6.2364385	0.52259551	1
TEX50	0.27443917	1	1	1.26303441	1	1
TEX52	0.27443917	1	1	-6.5177625	0.52259551	1
TEX53	0.27443917	1	1	1.26303441	1	1
TEX55	0.27443917	1	1	1.26303441	1	1
TEX9	0.27443917	1	1	-6.6600293	0.3629285	1
TFAM	-0.5617927	0.39436105	1	-0.8368587	0.13070357	1
TFAP2A	0.27443917	1	1	1.26303441	1	1
TFAP2C	0.27443917	1	1	1.26303441	1	1
TFAP2D	0.27443917	1	1	1.26303441	1	1
TFAP2E	-8.9913549	0.19965135	1	-6.8281172	0.3629285	1
TFAP4	-2.6908796	0.05876115	1	-0.6677289	0.64428388	1
TFB1M	-0.3089659	0.95606416	1	0.18180281	0.89870049	1
TFB2M	-1.0763056	0.37722134	1	-1.0520925	0.2749784	1
TFCP2	-0.4121316	0.15409874	1	0.01245937	0.70662466	1
TFCP2L1	-8.4550521	0.11486391	1	-7.695601	0.26373073	1
TFDP1	-0.2085349	0.47801204	1	0.03476435	0.58188867	1
TFDP2	-0.3065863	0.92954489	1	0.21481373	0.45118678	1
TFE3	-0.5268507	0.15030455	1	0.80460836	0.97463562	1
TFEB	0.16306208	0.52495992	1	0.50873943	0.41925032	1
TFEC	-3.4459964	0.0579345	1	-2.9310586	0.1036209	1
TFF1	0.27443917	1	1	1.26303441	1	1
TFF2	-5.3209596	0.36779564	1	1.26303441	1	1
TFF3	0.27443917	1	1	-8.2184962	0.3629285	1
TFG	0.39261783	0.42308829	1	-0.1744107	0.53808147	1
TFIP11	-0.9993927	0.53587411	1	-0.6284437	0.5746395	1
TFPI	-5.3209596	0.36779564	1	-8.3411992	0.1958879	1
TFPI2	0.27443917	1	1	1.26303441	1	1
TFPT	2.24903245	0.15012087	1	0.8660854	0.46323248	1
TFR2	0.27443917	1	1	1.26303441	1	1
TFRC	-1.33301	0.13940248	1	-1.3072442	0.01522771	1
TG	-0.761304	0.22984006	1	-0.531992	0.23216352	1
TGDS	-1.5898623	0.37155017	1	-1.8866859	0.04889358	1
TGFA	0.7837254	0.89260809	1	4.77516724	0.52223338	1
TGFB1	-0.0250691	0.62118337	1	0.03367753	0.56274792	1
TGFB1I1	0.27443917	1	1	1.26303441	1	1

TGFB2	9.13757238	0.12052946	1	2.05649792	0.15660079	1
TGFB3	0.27443917	1	1	1.26303441	1	1
TGFBI	-6.5488187	0.19965135	1	-7.5646615	0.1474095	1
TGFBR1	0.30787233	0.31373329	1	0.15211668	0.60408478	1
TGFBR2	-0.304062	0.38933512	1	0.08743955	0.48660731	1
TGFBR3	-1.1039652	0.02253975	1	-0.0872425	0.99540324	1
TGFBR3L	0.27443917	1	1	-7.1248809	0.26373073	1
TGFBRAP1	0.04855975	0.95255993	1	1.30585277	0.2566129	1
TGIF2	-0.462099	0.33867119	1	-0.0568676	0.88369419	1
TGM1	0.27443917	1	1	1.26303441	1	1
TGM2	-0.6833528	0.54292843	1	-1.9214779	0.02054872	1
TGM3	7.71028999	0.2752184	1	-0.5932714	0.8895985	1
TGM4	0.27443917	1	1	-7.4509909	0.52259551	1
TGM5	0.27443917	1	1	1.26303441	1	1
TGM6	0.27443917	1	1	1.26303441	1	1
TGM7	0.27443917	1	1	1.26303441	1	1
TGOLN2	-0.6222409	0.52915639	1	-0.8414113	0.0800292	1
TGS1	-0.6337512	0.1042606	1	-0.6846683	0.02268127	1
THADA	0.13350392	0.39322687	1	0.51301809	0.00534358	1
THAP1	0.59597822	0.52003827	1	-1.1282701	0.39979883	1
THAP10	0.27443917	1	1	-8.6603576	0.1474095	1
THAP11	2.38376599	0.45132853	1	-2.8961364	0.05961829	1
THAP12	-0.1759834	0.98920315	1	-0.6851342	0.22064217	1
THAP2	0.09463359	0.4634873	1	-1.4051928	0.40179637	1
THAP3	-0.7956411	0.92511844	1	-1.8030724	0.04862168	1
THAP4	1.0302323	0.28849851	1	-0.8171618	0.23210899	1
THAP5	-4.513128	0.00494668	1	-3.8373539	0.02863326	1
THAP6	1.05707987	0.52434985	1	-0.4921857	0.41619138	1
THAP7	-2.003353	0.54586113	1	-2.6654525	0.03742746	1
THAP8	-7.6508016	0.36779564	1	1.26303441	1	1
THAP9	0.10248004	0.55297956	1	0.50370514	0.72535102	1
THBD	-8.6267271	0.36779564	1	-4.7186567	0.52259551	1
THBS1	0.59749911	0.77251117	1	1.87207092	0.3059471	1
THBS2	0.27443917	1	1	1.26303441	1	1
THBS3	-7.8095365	0.36779564	1	-8.2569354	0.26373073	1
THBS4	0.27443917	1	1	1.26303441	1	1
THEG	0.27443917	1	1	1.26303441	1	1
THEGL	0.27443917	1	1	-7.8194488	0.52259551	1
THEM4	0.29617334	0.54280434	1	1.73024842	0.28509364	1
THEM5	-7.1050095	0.36779564	1	-6.2735797	0.52259551	1
THEM6	-8.4626833	0.36779564	1	-7.0615018	0.3629285	1
THEMIS	0.32706311	0.26437581	1	0.12271026	0.64105393	1
THEMIS2	0.57821154	0.85135027	1	0.61990268	0.65142591	1

THG1L	-0.4284108	0.43104578	1	0.93045038	0.34196454	1
THNSL1	7.37245979	0.2752184	1	0.24232357	0.88397598	1
THNSL2	0.27443917	1	1	-8.0014042	0.3629285	1
THOC1	-0.3816305	0.93387086	1	0.45529161	0.33779601	1
THOC2	-0.3163645	0.398014	1	0.3618492	0.19118742	1
THOC3	9.77265354	0.12052946	1	0.23184267	0.33130843	1
THOC5	-0.9068638	0.35037598	1	-0.4089841	0.46199034	1
THOC6	-1.3179324	0.41759769	1	-3.296296	0.02253308	1
THOC7	0.33692211	0.19927113	1	-0.3460634	0.87052905	1
THOP1	0.23928342	0.91023596	1	0.86710559	0.95133243	1
THPO	0.27443917	1	1	1.26303441	1	1
THRA	1.16622848	0.50164502	1	2.11507613	0.59073132	1
THRAP3	-0.0056117	0.39706674	1	-0.3795269	0.12141513	1
THRB	0.90364677	0.17769878	1	1.83783271	0.00623776	1
THRSP	9.09545905	0.2752184	1	10.0840543	0.12281968	1
THSD1	-1.3784497	0.13283835	1	-0.1043717	0.42285792	1
THSD4	-10.210457	0.11486391	1	-8.9968477	0.1474095	1
THSD7A	-5.3209596	0.36779564	1	-7.1877858	0.3629285	1
THSD7B	-9.6114136	0.11486391	1	-5.9025962	0.52259551	1
THTPA	-1.0719731	0.41759769	1	-2.2427492	0.36947031	1
THUMPD1	0.54892804	0.43676772	1	0.57840803	0.59821925	1
THUMPD2	0.72545703	0.5409228	1	0.13540268	0.73306058	1
THUMPD3	0.47300401	0.5186283	1	-0.9098119	0.16880959	1
THY1	0.04428899	0.82173529	1	-1.5030994	0.07006446	1
THYN1	-0.2315128	0.92286998	1	-1.7555096	0.01677739	1
TIA1	-0.1779252	0.54244344	1	0.25211729	0.13988452	1
TIAL1	0.15196138	0.74056192	1	-0.2293619	0.17312202	1
TIAM1	0.01959866	0.76296425	1	1.86082039	0.08281259	1
TIAM2	-0.9255893	0.28634434	1	-1.4677029	0.23873443	1
TICAM1	-0.8604961	0.68052236	1	-0.6027557	0.64428388	1
TICAM2	-0.0319311	0.82075644	1	3.00346622	0.59170527	1
TICRR	0.27443917	1	1	1.26303441	1	1
TIE1	-0.5898935	0.47358334	1	-0.4417627	0.4285496	1
TIFA	0.14160303	0.90231962	1	-1.5550544	0.37701669	1
TIFAB	0.27443917	1	1	1.26303441	1	1
TIGAR	0.00569329	0.75299145	1	-0.1483218	0.99541489	1
TIGD1	0.27443917	1	1	1.26303441	1	1
TIGD2	9.17860197	0.05637677	1	0.99210175	0.42426179	1
TIGD3	0.27443917	1	1	1.26303441	1	1
TIGD4	8.42076024	0.2752184	1	9.40935548	0.12281968	1
TIGD5	0.25273732	0.90231962	1	-2.7603313	0.1699787	1
TIGD6	6.97043224	0.2752184	1	7.95902748	0.12281968	1
TIGD7	0.96258146	0.50086847	1	1.4866623	0.19689162	1

TIGIT	-0.3992803	0.73123883	1	-2.3892749	0.00485728	1
TIMD4	0.27443917	1	1	-6.9480446	0.52259551	1
TIMELESS	1.31702209	0.09142605	1	1.6441875	0.0323455	1
TIMM10	2.52220012	0.22904601	1	-1.7316416	0.21632379	1
TIMM10B	0.15521363	0.38861244	1	-1.7533424	0.0009304	1
TIMM13	1.30947187	0.76301358	1	-1.7715032	0.00105221	1
TIMM17A	-0.907991	0.60169933	1	-1.2213469	0.1223569	1
TIMM17B	-0.6528383	0.56503214	1	-2.0811577	0.01954922	1
TIMM21	0.39899004	0.29834994	1	-0.4764451	0.80311227	1
TIMM22	0.75077381	0.96169167	1	0.21758812	0.68943681	1
TIMM23	-0.4614877	0.50341968	1	-0.5594583	0.12216908	1
TIMM29	1.4796118	0.28849851	1	-1.8884638	0.0174601	1
TIMM44	-1.1543519	0.37705698	1	-1.1508388	0.05766379	1
TIMM50	-10.172305	0.02458092	1	-10.613132	0.00303706	1
TIMM8A	0.27443917	1	1	-7.2334586	0.26373073	1
TIMM8B	0.27443917	1	1	-5.9107899	0.52259551	1
TIMM8B-1	0.27443917	1	1	-8.8933425	0.1474095	1
TIMM9	-0.7535416	0.54647286	1	-2.1491028	0.04056228	1
TIMMDC1	1.2975211	0.2059387	1	-0.7981333	0.2383807	1
TIMP1	0.08595783	0.38788495	1	-1.6707963	0.00361885	1
TIMP2	-0.6147924	0.4226224	1	-1.9565641	0.0398931	1
TIMP3	0.27443917	1	1	-5.2186916	0.52259551	1
TIMP4	7.06868348	0.2752184	1	8.05727872	0.12281968	1
TINAG	0.27443917	1	1	1.26303441	1	1
TINAGL1	0.27443917	1	1	1.26303441	1	1
TINF2	0.27443917	1	1	-8.7754433	0.11188911	1
TIPARP	0.89493401	0.00376461	1	0.74676548	0.00614628	1
TIPIN	0.67734529	0.51164527	1	1.38672658	0.59680786	1
TIPRL	-2.4097312	0.40765452	1	-2.7257349	0.08076526	1
TIRAP	-1.1252732	0.22368746	1	-0.9545734	0.22641455	1
TJAP1	-0.5007376	0.94207039	1	-0.0526509	0.46918446	1
TJP1	-1.6855706	0.86503869	1	-0.4277248	0.84174049	1
TJP2	0.21889702	0.8858587	1	-0.1445357	0.22950349	1
TJP3	1.34331851	0.89260809	1	0.23896161	0.85064705	1
TK1	-8.0178825	0.36779564	1	-8.8640607	0.1958879	1
TK2	-0.9228846	0.58298976	1	-0.3473659	0.88195922	1
TKFC	-0.0305434	0.68789913	1	0.23820572	0.88397598	1
TKT	0.15515053	0.63618355	1	-1.0665381	0.01224825	1
TKTL1	0.27443917	1	1	-6.1889573	0.52259551	1
TKTL2	0.27443917	1	1	1.26303441	1	1
TLCD1	7.71028999	0.2752184	1	-1.0974269	0.63637252	1
TLCD2	-0.4575659	0.33394081	1	0.11140701	0.52593436	1
TLDC2	-1.5789805	0.25400575	1	-1.9119629	0.22379602	1

TLE1	-0.1623626	0.82192634	1	0.76018584	0.34725899	1
TLE2	-0.1008943	0.90231962	1	-1.5414429	0.37449073	1
TLE3	0.12535109	0.40672473	1	0.26429421	0.37702635	1
TLE5	-0.5805233	0.78932435	1	-1.3460245	0.00040104	1
TLE6	0.27443917	1	1	-7.7310527	0.52259551	1
TLE7	0.27443917	1	1	1.26303441	1	1
TLK1	0.41751724	0.02620313	1	0.65709197	0.00091956	1
TLK2	-0.6946951	0.07099193	1	-0.1889017	0.81247136	1
TLL1	0.27443917	1	1	1.26303441	1	1
TLL2	0.20671593	0.90231962	1	-0.273436	0.29712061	1
TLN1	0.23242286	0.04308814	1	-0.1830275	0.32513871	1
TLN2	0.7530306	0.80754541	1	1.1447998	0.32717777	1
TLNRD1	-0.0556618	0.68789913	1	-2.2133954	0.05030821	1
TLR1	0.27443917	1	1	-9.3588593	0.05042498	1
TLR10	0.27443917	1	1	1.26303441	1	1
TLR2	-1.3487336	0.16123409	1	-2.0959686	0.01887465	1
TLR3	1.63456605	0.89260809	1	1.27674693	0.65223573	1
TLR4	-1.5150756	0.36358287	1	-2.3967144	0.06200701	1
TLR5	-6.3059622	0.36779564	1	-6.610965	0.52259551	1
TLR6	4.00888177	0.11273814	1	0.84850147	0.60387148	1
TLR7	0.96378047	0.89260809	1	2.17026863	0.52223338	1
TLR8	1.45903424	0.89260809	1	3.73556013	0.52223338	1
TLR9	0.17353159	0.93184775	1	-1.3919661	0.00038643	1
TLX2	0.27443917	1	1	1.26303441	1	1
TM2D1	0.03121762	0.40080893	1	-0.0379986	0.93553529	1
TM2D2	-0.8000225	0.25394299	1	-1.3474659	0.08593299	1
TM2D3	-1.046954	0.53620865	1	-1.7040197	0.01093474	1
TM4SF1	0.27443917	1	1	1.26303441	1	1
TM4SF19	-9.705431	0.11486391	1	-8.1439502	0.26373073	1
TM4SF20	-7.801013	0.36779564	1	-6.8547557	0.52259551	1
TM4SF4	0.27443917	1	1	1.26303441	1	1
TM4SF5	0.27443917	1	1	-3.4115773	0.52259551	1
TM6SF1	0.02850785	0.80211331	1	0.30613998	0.19467888	1
TM6SF2	0.27443917	1	1	1.26303441	1	1
TM7SF2	0.51514619	0.68789913	1	-1.7142104	0.22379602	1
TM7SF3	1.03111392	0.20338348	1	0.81337758	0.2615879	1
TM9SF1	1.02730578	0.05114543	1	-0.7337353	0.75387203	1
TM9SF2	-0.2929866	0.17079215	1	0.16060941	0.57115688	1
TM9SF3	-0.1588437	0.79732029	1	0.04003014	0.92398849	1
TM9SF4	-0.3223025	0.71621155	1	0.1137427	0.94014657	1
TMA16	0.06793311	0.67247196	1	-0.2131841	0.51940365	1
TMA7	-0.2784983	0.3875159	1	-2.1959202	1.05E-05	0.28907708
TMBIM1	-0.2566176	0.40117267	1	-0.2458564	0.20997263	1

TMBIM4	0.69812585	0.02324514	1	-0.6739109	0.01135873	1
TMBIM6	-0.7695387	0.31274468	1	-1.6885955	6.17E-07	0.01703216
TMBIM7P	0.27443917	1	1	-6.715712	0.52259551	1
TMC1	8.47283533	0.2752184	1	9.46143056	0.12281968	1
TMC2	0.27443917	1	1	1.26303441	1	1
TMC3	0.27443917	1	1	1.26303441	1	1
TMC4	0.01301808	0.90231962	1	0.75364326	0.52790957	1
TMC5	-8.2045594	0.19965135	1	-7.6038707	0.3629285	1
TMC6	1.10728576	0.02852729	1	-0.1645999	0.97708429	1
TMC7	0.27443917	1	1	1.26303441	1	1
TMC8	-0.2130738	0.82138719	1	-0.3234295	0.47137387	1
TMCC1	0.03321306	0.68307553	1	0.19161674	0.40354558	1
TMCC2	7.631984	0.2752184	1	2.21683424	0.52223338	1
TMCC3	-1.018309	0.08498576	1	-0.0878936	0.31721286	1
TMCO1	-1.8446307	0.02022121	1	-2.2421291	0.00014901	1
TMCO2	0.27443917	1	1	1.26303441	1	1
TMCO3	1.1722468	0.02419389	1	0.87990727	0.08624772	1
TMCO4	0.44290961	0.42982562	1	0.5888552	0.036903	1
TMCO5A	0.27443917	1	1	1.26303441	1	1
TMCO6	0.19530778	0.90231962	1	-3.6009999	0.1699787	1
TMED1	-1.0801786	0.64994186	1	-0.5080789	0.72794611	1
TMED10	-0.2210749	0.93718118	1	-0.2316234	0.53108116	1
TMED2	-0.0486562	0.93080324	1	-1.2425833	0.00409497	1
TMED3	1.61144323	0.31685518	1	-1.805757	0.00320354	1
TMED4	0.60305166	0.49464936	1	-0.8477561	0.09204638	1
TMED5	-0.4334561	0.68936683	1	-0.7684782	0.09782915	1
TMED6	-2.0787328	0.67317602	1	-2.0504398	0.48702665	1
TMED7	0.35738024	0.51110508	1	-0.5988787	0.25594578	1
TMED8	-2.7443357	0.02378088	1	-1.7439733	0.05490501	1
TMED9	1.15205776	0.61474507	1	-1.0638617	0.00419731	1
TMEFF1	-9.6008184	0.19965135	1	1.26303441	1	1
TMEFF2	8.79091435	0.2752184	1	9.77950958	0.12281968	1
TMEM100	0.27443917	1	1	1.26303441	1	1
TMEM101	3.49417639	0.45132853	1	-1.3874873	0.16382743	1
TMEM102	-0.5501248	0.68052236	1	0.81755184	0.52790957	1
TMEM104	-0.1863388	0.70196718	1	0.33375216	0.80572919	1
TMEM106A	-0.7809775	0.72285324	1	-0.9036984	0.66824896	1
TMEM106B	-0.2668576	0.61807348	1	0.03619637	0.92402331	1
TMEM106C	-0.060105	0.70282744	1	-0.3416841	0.86562031	1
TMEM107	2.1509934	0.03944971	1	-0.1999079	0.34558984	1
TMEM108	1.60887816	0.15974029	1	1.2570609	0.23554676	1
TMEM109	-0.6555663	0.16212246	1	-0.9939965	0.03613074	1
TMEM11	-2.0368139	0.15686364	1	-2.381929	0.02373728	1

TMEM114	0.27443917	1	1	1.26303441	1	1
TMEM115	-1.6963287	0.67317602	1	-1.5060422	0.49019995	1
TMEM116	0.27443917	1	1	-7.7399862	0.3629285	1
TMEM117	-0.1286984	0.54532408	1	1.06422271	0.20564057	1
TMEM119	0.27443917	1	1	1.26303441	1	1
TMEM120A	0.78323938	0.35400006	1	-0.0170323	0.55016845	1
TMEM120B	0.4151258	0.67899557	1	0.43534527	0.65842687	1
TMEM121	-8.862393	0.19965135	1	-10.258095	0.02325653	1
TMEM121B	0.27443917	1	1	-7.3621478	0.52259551	1
TMEM123	-0.3183837	0.66424764	1	1.03596961	0.00161372	1
TMEM125	0.27443917	1	1	1.26303441	1	1
TMEM126A	-0.5431099	0.89448096	1	-2.2005735	0.00939268	1
TMEM126B	1.61248154	0.21042709	1	0.89558261	0.61403984	1
TMEM127	-1.0361826	0.68581585	1	-1.30432	0.24364375	1
TMEM128	-1.3114338	0.15457024	1	-2.5679875	0.00416712	1
TMEM129	-0.8000718	0.2572727	1	0.25694666	0.38465738	1
TMEM130	0.27443917	1	1	1.26303441	1	1
TMEM131	-0.2090368	0.603332	1	0.27104744	0.07406566	1
TMEM131L	-0.1946102	0.60943183	1	0.00598089	0.79481002	1
TMEM132A	0.27443917	1	1	1.26303441	1	1
TMEM132B	7.8410451	0.2752184	1	8.82964034	0.12281968	1
TMEM132C	-2.8869939	0.40765452	1	-3.594926	0.21754771	1
TMEM132D	8.05806834	0.2752184	1	9.04666358	0.12281968	1
TMEM132E	0.27443917	1	1	1.26303441	1	1
TMEM134	0.35856822	0.72575912	1	-0.7676077	0.11739619	1
TMEM135	-0.1369288	0.48157315	1	0.2372226	0.39443255	1
TMEM136	0.27443917	1	1	1.26303441	1	1
TMEM138	-9.4838677	0.06784723	1	-9.3088566	0.1474095	1
TMEM139	0.27443917	1	1	-8.3418064	0.1958879	1
TMEM140	-0.1535371	0.90231962	1	-2.9167273	0.10134628	1
TMEM141	2.7964974	0.45132853	1	0.87473927	0.97382966	1
TMEM143	1.20215694	0.33533975	1	0.80412968	0.46350259	1
TMEM144	8.97526033	0.2752184	1	1.70607537	0.85548905	1
TMEM145	0.27443917	1	1	1.26303441	1	1
TMEM147	-1.9396589	0.04128815	1	-4.0191279	1.98E-08	0.00054575
TMEM14A	0.28113556	0.32902818	1	-1.5609771	0.03132699	1
TMEM14B	0.80642876	0.06214869	1	-0.905453	0.01376732	1
TMEM14C	-0.1006105	0.92376077	1	-2.5054452	9.06E-08	0.00249906
TMEM150A	-9.2786103	0.06784723	1	-7.4966427	0.1958879	1
TMEM150B	-8.8554599	0.06784723	1	-8.9614382	0.08544191	1
TMEM150C	0.27443917	1	1	1.26303441	1	1
TMEM151A	0.27443917	1	1	1.26303441	1	1
TMEM151B	0.27443917	1	1	1.26303441	1	1

TMEM154	0.20552408	0.28637312	1	-0.062368	0.9031337	1
TMEM155	0.27443917	1	1	1.26303441	1	1
TMEM156	-0.4999635	0.5179711	1	0.33027335	0.94483674	1
TMEM158	0.27443917	1	1	1.26303441	1	1
TMEM159	-8.221943	0.19965135	1	-8.6367292	0.08544191	1
TMEM160	-0.8076002	0.2429345	1	-2.2859409	6.52E-05	1
TMEM161A	-0.2316658	0.82464385	1	0.65363829	0.61212222	1
TMEM161B	-0.0943481	0.99753973	1	-0.0843297	0.49603509	1
TMEM163	2.53718842	0.01603431	1	1.53100846	0.02465221	1
TMEM164	-0.5065639	0.95790689	1	0.4110987	0.12608717	1
TMEM165	-1.0004058	0.23746159	1	-0.6427997	0.39078971	1
TMEM167A	-1.4067705	0.00388638	1	-1.4599438	0.00066024	1
TMEM167B	-0.9357999	0.55540624	1	-1.5974408	0.16284956	1
TMEM168	0.5542129	0.81868046	1	1.00330996	0.40209353	1
TMEM169	0.27443917	1	1	1.26303441	1	1
TMEM17	0.27443917	1	1	1.26303441	1	1
TMEM170A	-0.7783511	0.33394081	1	-1.6836984	0.09171426	1
TMEM170B	-0.2969963	0.14872333	1	1.08413844	0.88787827	1
TMEM171	0.27443917	1	1	1.26303441	1	1
TMEM173	-2.3235062	0.01036515	1	-0.2202097	0.26113503	1
TMEM174	0.27443917	1	1	1.26303441	1	1
TMEM175	-0.6382797	0.5393955	1	0.38904298	0.7579251	1
TMEM176A	-8.3232364	0.36779564	1	-4.2111359	0.52259551	1
TMEM176B	-2.4346238	0.25076778	1	-1.5795645	0.64428388	1
TMEM177	-8.2960741	0.19965135	1	-8.2103645	0.3629285	1
TMEM178A	0.27443917	1	1	1.26303441	1	1
TMEM178B	0.68663244	0.89260809	1	10.0743432	0.12281968	1
TMEM179B	1.29326726	0.50721408	1	-0.3540734	0.1187139	1
TMEM18	1.04688375	0.32902818	1	-0.6420324	0.99148226	1
TMEM181	-0.2376616	0.96754711	1	0.29587327	0.14342932	1
TMEM182	1.50686372	0.50164502	1	-0.1794987	0.5237528	1
TMEM183A	-0.2651903	0.80956685	1	-0.252153	0.56646908	1
TMEM184A	0.0034633	0.90231962	1	9.28168627	0.12281968	1
TMEM184B	0.42766521	0.16615441	1	-0.1077918	0.74879746	1
TMEM184C	-2.1975603	0.06328379	1	-2.1317853	0.01941414	1
TMEM185A	8.14257828	0.2752184	1	-0.9150682	0.49338433	1
TMEM185B	2.30897163	0.11632685	1	-0.277898	0.92539299	1
TMEM186	-1.1068944	0.90231962	1	-0.0763356	0.85064705	1
TMEM187	8.47620646	0.2752184	1	-1.8618828	0.0398931	1
TMEM189	-1.6946763	0.00768357	1	-0.5540451	0.18463251	1
TMEM19	0.09561442	0.4634873	1	-1.1333099	0.50701383	1
TMEM190	0.27443917	1	1	-3.4307288	0.52259551	1
TMEM191C	-8.1784445	0.36779564	1	1.26303441	1	1

TMEM192	-1.3566954	0.29467552	1	-0.5901999	0.58027945	1	
TMEM196	0.27443917	1	1	1.26303441	1	1	
TMEM198	0.27443917	1	1	1.26303441	1	1	
TMEM199	-0.3847436	0.89448096	1	0.52239947	0.95760576	1	
TMEM200A	-8.3105046	0.36779564	1	-7.7226006	0.3629285	1	
TMEM200B	0.27443917	1	1	1.26303441	1	1	
TMEM201	1.38993806	0.83770648	1	1.63058331	0.15869376	1	
TMEM202	0.27443917	1	1	1.26303441	1	1	
TMEM203	-9.663826	0.06784723	1	-9.9639741	0.00839699	1	
TMEM204	3.5053712	0.22569004	1	1.44837463	0.7701278	1	
TMEM205	1.52984375	0.28205408	1	-1.6603145	0.11886502	1	
TMEM206	0.1355796	0.74424146	1	-0.4690227	0.11504827	1	
TMEM207	0.27443917	1	1	1.26303441	1	1	
TMEM208	-0.5051469	0.29361047	1	-1.9220827	0.00275064	1	
TMEM209	1.1897062	0.05551523	1	0.63735885	0.42457772	1	
TMEM210	0.27443917	1	1	1.26303441	1	1	
TMEM212	0.27443917	1	1	1.26303441	1	1	
TMEM213	0.27443917	1	1	1.26303441	1	1	
TMEM214	-0.5578868	0.77013861	1	-0.7595677	0.32299576	1	
TMEM215	0.27443917	1	1	1.26303441	1	1	
TMEM216	-0.7779673	0.55540624	1	-1.9653855	0.00642985	1	
TMEM217	0.24291105	0.68789913	1	3.180483	0.52223338	1	
TMEM218	0.97666714	0.23586417	1	-0.5674349	0.51940365	1	
TMEM219	-0.8788066	0.2493708	1	-1.6642101	2.49E-05	0.68733608	
TMEM220	0.02210012	0.26056869	1	-0.520196	0.08444577	1	
TMEM221	0.27443917	1	1	-7.2152044	0.52259551	1	
TMEM222	0.26949865	0.67490074	1	0.45863878	0.74946308	1	
TMEM223	0.18336115	0.90231962	1	-2.868124	0.04806858	1	
TMEM225B	0.27443917	1	1	-6.1519811	0.52259551	1	
TMEM229A	0.27443917	1	1	1.26303441	1	1	
TMEM229B	-0.6487703	0.89972832	1	-1.3776656	0.22755614	1	
TMEM230	-0.4109087	0.89677008	1	-1.6099495	0.00894114	1	
TMEM231	-2.8495179	0.25076778	1	-2.4343788	0.28706691	1	
TMEM232	-9.3188962	0.11486391	1	1.26303441	1	1	
TMEM233	0.27443917	1	1	1.26303441	1	1	
TMEM234	-2.9112079	0.00403673	1	-2.2301171	0.09953884	1	
TMEM235	0.27443917	1	1	1.26303441	1	1	
TMEM236	-8.3105046	0.36779564	1	1.26303441	1	1	
TMEM237	10.079845	0.05637677	1	1.21698507	0.13186121	1	
TMEM238	-2.0052068	0.16209018	1	-3.0333553	7.48E-05	1	
TMEM241	-0.5733761	0.25880064	1	0.89165267	0.2652132	1	
TMEM242	0.12729346	0.81478074	1	0.14083592	0.79801761	1	
TMEM243	0.33137499	0.18528176	1	0.2864329	0.80715603	1	

TMEM244	0.27443917	1	1	1.26303441	1	1
TMEM245	-0.1690892	0.64372504	1	0.1981496	0.61577419	1
TMEM246	0.27443917	1	1	1.26303441	1	1
TMEM247	0.27443917	1	1	1.26303441	1	1
TMEM248	0.38967303	0.12827257	1	0.08164749	0.61708842	1
TMEM25	0.27443917	1	1	1.26303441	1	1
TMEM250	1.81162125	0.49174922	1	0.50228857	0.75518386	1
TMEM251	-5.3209596	0.36779564	1	-8.9039142	0.11188911	1
TMEM252	0.27443917	1	1	1.26303441	1	1
TMEM253	0.27443917	1	1	1.26303441	1	1
TMEM254	0.10589719	0.66794153	1	0.6762852	0.61520584	1
TMEM255A	0.27443917	1	1	-7.7969604	0.3629285	1
TMEM255B	0.34986511	0.50663218	1	-1.1399615	0.60652865	1
TMEM256	0.45453628	0.26056869	1	-1.2101923	0.01497352	1
TMEM258	0.57720864	0.10012284	1	-1.549848	0.00023413	1
TMEM259	-0.3238265	0.60575874	1	-0.9624796	0.00872611	1
TMEM26	0.27443917	1	1	1.26303441	1	1
TMEM260	0.64778233	0.05618817	1	0.86726315	0.03676347	1
TMEM262	0.27443917	1	1	1.26303441	1	1
TMEM263	0.34867876	0.51499182	1	0.02661832	0.93620451	1
TMEM265	0.27443917	1	1	-8.4618077	0.26373073	1
TMEM266	0.27443917	1	1	-7.7969558	0.3629285	1
TMEM267	-0.4586465	0.9242713	1	0.24098279	0.09135341	1
TMEM268	-0.2511528	0.83579048	1	-1.6871346	0.32808488	1
TMEM269	0.064914	0.97188389	1	-0.5235922	0.34771269	1
TMEM270	0.27443917	1	1	1.26303441	1	1
TMEM272	-9.2883509	0.36779564	1	-8.0713446	0.3629285	1
TMEM273	0.01628613	0.34684664	1	0.29606015	0.5937869	1
TMEM275	0.27443917	1	1	-3.7413079	0.52259551	1
TMEM30A	-0.045693	0.95215858	1	-0.4855632	0.20334635	1
TMEM30B	-7.5067409	0.19965135	1	1.26303441	1	1
TMEM31	0.27443917	1	1	1.26303441	1	1
TMEM33	-1.6345248	0.0077727	1	-1.159478	0.01868243	1
TMEM35A	0.27443917	1	1	1.26303441	1	1
TMEM35B	-1.1014701	0.88400032	1	-2.1182328	0.04735025	1
TMEM37	-5.7676125	0.36779564	1	1.26303441	1	1
TMEM38A	-3.9792009	0.01307965	1	-3.6038241	0.036956	1
TMEM38B	-0.1639494	0.71220866	1	0.08345926	0.93323744	1
TMEM39A	-1.4452865	0.03854172	1	-0.4103817	0.25932542	1
TMEM39B	0.80720958	0.23278174	1	0.85641853	0.2102625	1
TMEM40	-8.2622757	0.36779564	1	-6.2981694	0.52259551	1
TMEM41A	-1.8166312	0.53639808	1	1.03527768	0.15869376	1
TMEM41B	-0.2258628	0.47171077	1	-0.0897088	0.46005703	1

TMEM42	1.04775797	0.33254563	1	0.16401631	0.84478099	1
TMEM43	-0.3083958	0.31130496	1	-0.7019271	0.0948566	1
TMEM44	-1.9689009	0.40765452	1	1.10785277	0.52790957	1
TMEM45A	0.27443917	1	1	1.26303441	1	1
TMEM45B	0.27443917	1	1	-6.1889573	0.52259551	1
TMEM47	0.27443917	1	1	1.26303441	1	1
TMEM50A	-0.2408187	0.68840663	1	-1.0037749	0.00489971	1
TMEM50B	-1.2326478	0.08632338	1	-0.5141158	0.12927262	1
TMEM51	-1.9499148	0.15515016	1	-0.3564429	0.41458078	1
TMEM52	0.27443917	1	1	1.26303441	1	1
TMEM52B	0.27443917	1	1	-3.4307288	0.52259551	1
TMEM53	-1.2464279	0.68052236	1	-3.2465267	0.06066919	1
TMEM54	0.27443917	1	1	1.26303441	1	1
TMEM56	0.27443917	1	1	-5.1938251	0.52259551	1
TMEM59	0.20047034	0.54202419	1	-1.6009829	1.34E-06	0.03702409
TMEM59L	0.27443917	1	1	1.26303441	1	1
TMEM60	-0.9027267	0.5506235	1	-2.3775877	0.02390142	1
TMEM61	0.27443917	1	1	1.26303441	1	1
TMEM62	0.11054046	0.40038552	1	0.35803683	0.25302807	1
TMEM63A	2.34938241	0.49933209	1	0.81505493	0.90195585	1
TMEM63B	-0.7800647	0.82075644	1	-2.1657937	0.19814433	1
TMEM63C	0.27443917	1	1	1.26303441	1	1
TMEM64	-0.2897134	0.97378301	1	0.31557927	0.95303422	1
TMEM65	0.54392054	0.03568034	1	0.801738	0.06936685	1
TMEM67	-0.6020991	0.45788762	1	0.13660223	0.38613233	1
TMEM68	0.21700157	0.54280434	1	0.62865604	0.6268501	1
TMEM69	-1.2980226	0.41759769	1	-2.0959735	0.28706691	1
TMEM70	0.48791813	0.3466669	1	0.10546046	0.65093931	1
TMEM71	0.13173227	0.19582376	1	0.37465793	0.15777214	1
TMEM72	0.27443917	1	1	1.26303441	1	1
TMEM74	0.27443917	1	1	1.26303441	1	1
TMEM74B	0.27443917	1	1	1.26303441	1	1
TMEM79	-7.8513305	0.36779564	1	-7.6481785	0.26373073	1
TMEM80	0.39047206	0.26546293	1	0.0629278	0.5717781	1
TMEM81	-1.034181	0.90231962	1	-0.7553088	0.8895985	1
TMEM82	8.67872837	0.2752184	1	9.66732361	0.12281968	1
TMEM86A	0.16928233	0.90231962	1	-0.7122452	0.29712061	1
TMEM86B	0.81593779	0.89260809	1	-0.1946809	0.8895985	1
TMEM87A	0.05640074	0.71702563	1	0.06070525	0.85017556	1
TMEM87B	-0.3692369	0.28353222	1	-0.067686	0.77305797	1
TMEM88	0.27443917	1	1	-5.9871709	0.52259551	1
TMEM88B	0.27443917	1	1	1.26303441	1	1
TMEM89	0.27443917	1	1	1.26303441	1	1

TMEM8A	-1.938942	0.14165401	1	-2.0851152	0.13778261	1
TMEM8B	-0.4140987	0.80862687	1	10.3596168	0.02855238	1
TMEM9	8.73459356	0.12052946	1	-0.6338584	0.7770574	1
TMEM91	-0.3912587	0.80862687	1	-0.1925155	0.51715054	1
TMEM92	0.27443917	1	1	1.26303441	1	1
TMEM94	0.94454599	0.16162664	1	0.62244069	0.24910594	1
TMEM95	0.27443917	1	1	-3.4307288	0.52259551	1
TMEM97	-2.0723455	0.41260835	1	-3.8160153	0.01718534	1
TMEM98	0.27443917	1	1	1.26303441	1	1
TMEM99	0.90853298	0.84452255	1	-1.02092	0.50449606	1
TMEM9B	0.75460288	0.48921013	1	-0.5424159	0.17657533	1
TMF1	-0.0073274	0.1748441	1	-0.0002381	0.98447409	1
TMIE	0.27443917	1	1	1.26303441	1	1
TMIGD1	0.27443917	1	1	1.26303441	1	1
TMIGD2	2.27738855	0.28205408	1	-1.7939476	0.05254599	1
TMIGD3	0.27443917	1	1	-7.1873335	0.3629285	1
TMLHE	3.19016815	0.04391779	1	1.93787635	0.18261352	1
TMOD1	8.33586112	0.2752184	1	0.72566835	0.52790957	1
TMOD2	0.2501197	0.96059358	1	0.29044012	0.81108545	1
TMOD3	-0.3222137	0.44533594	1	-0.1303913	0.18662473	1
TMOD4	0.30950108	0.4634873	1	0.55440214	0.59936951	1
TMPO	0.00814574	0.45220902	1	0.06227379	0.82899842	1
TMPPE	-6.3243319	0.36779564	1	-6.7630703	0.3629285	1
TMPRSS11A	0.27443917	1	1	1.26303441	1	1
TMPRSS11B	0.27443917	1	1	1.26303441	1	1
TMPRSS11D	0.27443917	1	1	-6.6974159	0.52259551	1
TMPRSS11E	0.27443917	1	1	1.26303441	1	1
TMPRSS11F	0.27443917	1	1	1.26303441	1	1
TMPRSS12	0.27443917	1	1	1.26303441	1	1
TMPRSS13	8.009752	0.2752184	1	-0.6335542	0.64428388	1
TMPRSS15	0.27443917	1	1	1.26303441	1	1
TMPRSS2	-8.0377939	0.36779564	1	1.26303441	1	1
TMPRSS3	0.27443917	1	1	-6.3046544	0.52259551	1
TMPRSS4	0.27443917	1	1	1.26303441	1	1
TMPRSS5	-8.9120894	0.19965135	1	1.26303441	1	1
TMPRSS6	-0.4812369	0.90231962	1	0.95806792	0.52790957	1
TMPRSS7	0.27443917	1	1	1.26303441	1	1
TMPRSS9	0.10440452	0.68789913	1	1.13115252	0.52790957	1
TMSB10	-1.3129883	0.00027268	1	-2.789491	5.09E-29	1.40E-24
TMSB15A	0.27443917	1	1	1.26303441	1	1
TMSB15B	1.85134224	0.23243735	1	-1.7126863	0.07486133	1
TMSB4X	-0.6995509	0.00178193	1	-2.3365997	3.15E-33	8.69E-29
TMTC1	0.27443917	1	1	1.26303441	1	1

TMTC2	0.43104095	0.03872375	1	-0.2196353	0.85246644	1
TMTC3	0.07441116	0.90728529	1	0.75415151	0.24172775	1
TMTC4	0.29342319	0.70973295	1	0.46325869	0.72142792	1
TMUB1	-0.8915701	0.32838273	1	-2.5762565	0.00665208	1
TMUB2	-1.5616001	0.36709546	1	-1.463361	0.25820288	1
TMX1	-0.3271142	0.40939288	1	-0.8544025	0.10470779	1
TMX2	1.44353466	0.14165102	1	1.16025608	0.16030549	1
TMX3	-0.48886	0.98975289	1	-0.0586807	0.71516589	1
TMX4	0.25484465	0.52360604	1	0.0746033	0.49071217	1
TNC	0.27443917	1	1	1.26303441	1	1
TNF	0.97597416	0.52886624	1	1.89186914	0.10829175	1
TNFAIP1	0.31913949	0.89260809	1	0.19373512	0.85548905	1
TNFAIP2	1.0893983	0.10895725	1	0.72723423	0.19966108	1
TNFAIP3	-0.6941315	0.01350872	1	-1.067481	0.0007126	1
TNFAIP6	0.27443917	1	1	1.26303441	1	1
TNFAIP8	0.29095567	0.09623678	1	-0.0459507	0.83649466	1
TNFAIP8L1	-1.1742111	0.63657419	1	-0.4685295	0.87601069	1
TNFAIP8L2	0.59833438	0.81353247	1	-0.3719675	0.35353965	1
TNFAIP8L3	-6.3059622	0.36779564	1	-8.7008674	0.08544191	1
TNFRSF10A	-0.4205765	0.2865958	1	0.47512583	0.66412637	1
TNFRSF10B	0.28594382	0.40281087	1	0.25369849	0.65484703	1
TNFRSF10C	0.27443917	1	1	1.26303441	1	1
TNFRSF10D	0.20813255	0.52216198	1	-0.2746505	0.45385433	1
TNFRSF11A	10.1922469	0.02713794	1	1.22715702	0.20065465	1
TNFRSF11B	0.27443917	1	1	1.26303441	1	1
TNFRSF12A	-0.3150468	0.68052236	1	-1.8682063	0.22379602	1
TNFRSF13B	0.27443917	1	1	1.26303441	1	1
TNFRSF13C	0.27443917	1	1	1.26303441	1	1
TNFRSF14	0.3876152	0.85135027	1	-0.6959579	0.84174049	1
TNFRSF17	0.27443917	1	1	1.26303441	1	1
TNFRSF18	-0.3699186	0.85721178	1	-0.7341116	0.06873615	1
TNFRSF19	-9.0880442	0.36779564	1	-3.7413079	0.52259551	1
TNFRSF1A	-0.0951224	0.90498006	1	-1.2308415	0.05177596	1
TNFRSF1B	-0.0862587	0.39575813	1	0.56599622	0.23643914	1
TNFRSF21	-0.9126149	0.16209018	1	-0.117801	0.22122899	1
TNFRSF25	0.66873068	0.2604449	1	0.34498267	0.43466082	1
TNFRSF4	-0.0590497	0.76722589	1	-0.2521696	0.74486863	1
TNFRSF6B	0.27443917	1	1	1.26303441	1	1
TNFRSF8	0.27443917	1	1	1.26303441	1	1
TNFRSF9	-9.5360045	0.19965135	1	-7.6310077	0.26373073	1
TNFSF10	0.47921346	0.10971451	1	0.29186729	0.53496258	1
TNFSF11	0.75413942	0.12166171	1	1.63525145	0.01543061	1
TNFSF12	0.75272998	0.34607967	1	-0.563505	0.16181566	1

TNFSF13	-3.010821	0.03546677	1	-3.5491062	0.00241885	1
TNFSF13B	-0.4970487	0.25382536	1	-1.0944353	0.00416626	1
TNFSF14	1.48289759	0.92602633	1	-1.0655409	0.04287966	1
TNFSF15	0.27443917	1	1	-6.9561356	0.52259551	1
TNFSF18	0.27443917	1	1	1.26303441	1	1
TNFSF4	0.18727309	0.23195433	1	0.44699333	0.06541739	1
TNFSF8	0.32168504	0.3357069	1	-0.1401716	0.42319477	1
TNFSF9	-7.1236435	0.36779564	1	-6.1121484	0.52259551	1
TNIK	-0.3002689	0.43339253	1	0.30170826	0.01353023	1
TNIP1	0.02107441	0.71706144	1	0.49559295	0.89181871	1
TNIP2	-0.7254612	0.87204632	1	-1.3663143	0.05019214	1
TNIP3	-0.378668	0.33115423	1	0.63013559	0.7524457	1
TNK1	0.05412296	0.29834994	1	1.51405747	0.19758285	1
TNK2	0.22683633	0.47882347	1	1.9042652	1.40E-05	0.38600999
TNKS	0.10532946	0.29435398	1	0.6457613	0.00875248	1
TNKS1BP1	-8.2472844	0.19965135	1	-6.1121484	0.52259551	1
TNKS2	0.60548693	0.00010962	1	0.76392052	0.0004908	1
TNN	8.31177523	0.2752184	1	0.98722574	0.52790957	1
TNNC1	0.27443917	1	1	-8.3870295	0.1474095	1
TNNC2	6.97043224	0.2752184	1	0.15125454	0.52790957	1
TNNI1	0.27443917	1	1	1.26303441	1	1
TNNI2	2.6365439	0.45132853	1	-0.9035321	0.2655763	1
TNNI3	0.27443917	1	1	1.26303441	1	1
TNNI3K	0.85260042	0.45738523	1	1.2132285	0.15869376	1
TNNT1	0.27443917	1	1	1.26303441	1	1
TNNT2	0.27443917	1	1	1.26303441	1	1
TNNT3	0.99152744	0.08976454	1	2.32052643	0.00123158	1
TNPO1	-0.3273929	0.05724346	1	0.68486256	0.19887985	1
TNPO2	-0.0860042	0.85454059	1	-0.7825775	0.77986472	1
TNPO3	-0.3859099	0.57507711	1	-0.0362332	0.7123146	1
TNR	-6.5132161	0.36779564	1	1.26303441	1	1
TNRC18	0.04289115	0.89447448	1	0.42266936	0.06011819	1
TNRC6A	-0.0774465	0.81554118	1	0.19266229	0.14666119	1
TNRC6B	0.18292638	0.29982764	1	0.39355369	0.00101928	1
TNRC6C	0.26619756	0.0467776	1	0.25122083	0.07465019	1
TNS1	-9.2883509	0.36779564	1	-6.5913026	0.52259551	1
TNS2	-8.5004709	0.19965135	1	-6.1519811	0.52259551	1
TNS3	-2.7159749	0.05934072	1	-1.2463435	0.3327648	1
TNS4	0.27443917	1	1	-6.6237736	0.52259551	1
TNXB	-9.000888	0.19965135	1	1.26303441	1	1
TOB1	0.12669117	0.56503214	1	-0.6155881	0.08812376	1
TOB2	1.25364656	0.49000885	1	0.18150108	0.99482799	1
TOE1	-0.4464799	0.68052236	1	-1.1015809	0.64428388	1

TOGARAM1	-0.6644669	0.376482	1	-0.1497453	0.97589934	1
TOGARAM2	-7.8820648	0.36779564	1	-7.1798314	0.52259551	1
TOLLIP	0.57550413	0.91549579	1	1.04776796	0.63097684	1
TOM1	-0.1172792	0.9142539	1	-0.4752893	0.59765841	1
TOM1L1	1.56707442	0.45132853	1	-0.1284195	0.96635635	1
TOM1L2	0.02039361	0.38703489	1	0.39517126	0.13703036	1
TOMM20	-0.0635956	0.29105419	1	-1.2919666	1.09E-05	0.3003111
TOMM20L	9.04799758	0.12052946	1	0.23581431	0.6070784	1
TOMM22	-1.3924404	0.09732661	1	-2.4737705	0.00202356	1
TOMM34	0.92898296	0.81353247	1	-0.1311549	0.6162572	1
TOMM40	-1.0442596	0.55540624	1	-2.4716486	0.03949518	1
TOMM40L	-2.435541	0.41260835	1	-1.4740293	0.84581067	1
TOMM5	2.58201051	0.08337297	1	-0.9931969	0.03743255	1
TOMM6	-0.425157	0.33674246	1	-3.1873402	1.05E-05	0.28992122
TOMM7	-0.8146282	0.32277115	1	-2.6862624	1.99E-15	5.48E-11
TOMM70	0.66399987	0.69316164	1	0.69188168	0.34099052	1
TONSL	1.20354528	0.50721408	1	0.83449825	0.20065465	1
TOP1	-0.3623204	0.43652796	1	-0.1951375	0.79424192	1
TOP1MT	0.28733846	0.62184663	1	0.79085391	0.19032895	1
TOP2A	-8.3367449	0.19965135	1	-9.8013183	0.06553217	1
TOP2B	0.10594151	0.87931446	1	0.39467388	0.17035066	1
TOP3A	0.07548605	0.50963261	1	0.15224968	0.69812117	1
TOP3B	1.19424258	0.08906382	1	0.72725382	0.45020782	1
TOPAZ1	0.27443917	1	1	1.26303441	1	1
TOPBP1	-0.3184072	0.84730594	1	-0.2789841	0.78511334	1
TOPORS	-3.1111574	0.00059201	1	-2.0809265	0.00615758	1
TOR1A	-0.3295182	0.8210583	1	-0.5393005	0.31928834	1
TOR1AIP1	-1.1005477	0.10156692	1	-0.584462	0.27112255	1
TOR1AIP2	0.67589728	0.76775801	1	-0.7228161	0.24174357	1
TOR1AIP2-1	1.65688172	0.45132853	1	-1.0015947	0.49948037	1
TOR1B	1.29510953	0.72494657	1	0.15332511	0.90430686	1
TOR2A	0.18741174	0.85135027	1	-2.1559369	0.03923153	1
TOR3A	1.03578736	0.50164502	1	-0.9959665	0.12252957	1
TOR4A	6.23735948	0.2752184	1	7.22595472	0.12281968	1
TOX	-0.0473595	0.46643864	1	0.45068478	0.00524694	1
TOX2	1.50768101	0.01588769	1	2.14862482	0.00021877	1
TOX3	-7.8976829	0.36779564	1	1.26303441	1	1
TOX4	-0.3184803	0.88843863	1	-0.7659865	0.07025034	1
TP53	-0.1419502	0.96136138	1	-0.6439641	0.12076495	1
TP53AIP1	0.27443917	1	1	1.26303441	1	1
TP53BP1	-0.3305699	0.44079449	1	0.05130805	0.86911178	1
TP53BP2	-0.5318661	0.48736138	1	0.37132607	0.34982054	1
TP53I11	-1.7743856	0.24123337	1	-0.9300812	0.32773255	1

TP53I13	0.45202236	0.37518725	1	0.27626059	0.80944933	1
TP53I3	7.66484764	0.2752184	1	-2.0119622	0.37449073	1
TP53INP1	2.94952305	0.01965437	1	0.95106801	0.16427673	1
TP53INP2	1.98968112	0.45132853	1	4.27399684	0.15452883	1
TP53RK	0.04854308	0.7606057	1	0.16223156	0.64907287	1
TP53TG5	-7.6508016	0.36779564	1	-6.1904564	0.52259551	1
TP63	0.38770545	0.89260809	1	-2.01099	0.52790957	1
TP73	0.27443917	1	1	-6.7533917	0.52259551	1
TPBG	0.27443917	1	1	1.26303441	1	1
TPBGL	0.27443917	1	1	1.26303441	1	1
TPCN1	0.97475637	0.56717225	1	0.51047785	0.75366192	1
TPCN2	3.04622125	0.45132853	1	1.85315708	0.59170527	1
TPD52	0.36866981	0.45667603	1	0.18229569	0.77903161	1
TPD52L1	7.65175331	0.2752184	1	8.64034855	0.12281968	1
TPD52L2	0.06768874	0.12414061	1	0.24602246	0.13009038	1
TPGS1	-0.6988054	0.82532256	1	-1.7962876	0.0771122	1
TPGS2	-1.0260561	0.1706192	1	-1.0888639	0.05883126	1
TPH1	0.03789375	0.68789913	1	-0.2833456	0.49978619	1
TPH2	8.76707513	0.2752184	1	9.75567036	0.12281968	1
TPI1	-0.5170894	0.28894931	1	-1.7805912	9.08E-06	0.25059798
TPK1	0.60237438	0.18480483	1	0.8929655	0.19744951	1
TPM1	-1.4257779	0.05515854	1	-0.8192943	0.17367524	1
TPM2	3.52442128	0.22569004	1	0.27215624	0.79879677	1
TPM3	-0.2166525	0.74784245	1	-0.6414643	0.02505431	1
TPM4	0.01892592	0.29021295	1	-0.3021418	0.77022345	1
TPMT	0.27443917	1	1	-7.7546943	0.52259551	1
TPO	0.27443917	1	1	1.26303441	1	1
TPP1	-0.0554196	0.65400336	1	-0.650764	0.05054541	1
TPP2	-0.325007	0.62974841	1	0.03791396	0.88057589	1
TPPP	-0.6329035	0.65442318	1	-0.6550136	0.60895435	1
TPPP3	0.27443917	1	1	-10.161292	0.06553217	1
TPR	-0.4461282	0.24964812	1	-0.6748869	0.01547575	1
TPRA1	2.46026343	0.01558793	1	-0.1108583	0.92729581	1
TPRG1	0.13776094	0.90231962	1	-1.0240632	0.49338433	1
TPRG1L	-8.8124155	0.19965135	1	-9.4969141	0.03889469	1
TPRG1L-1	7.69213392	0.2752184	1	-1.2619618	0.29307123	1
TPRKB	0.54900314	0.28849851	1	-0.2062684	0.36538848	1
TPRN	-0.0038725	0.85135027	1	0.36255297	0.79732102	1
TPST1	-9.7728569	0.11486391	1	-9.7793507	0.11188911	1
TPST2	0.82485888	0.01398489	1	0.71227412	0.04500911	1
TPT1	0.4747074	0.83486654	1	-1.8562823	3.16E-20	8.71E-16
TPTE2	-8.7396886	0.19965135	1	-7.3798761	0.3629285	1
TPX2	-0.9931595	0.41759769	1	8.82964034	0.12281968	1

TRA2A	-0.3924365	0.1304942	1	-0.283644	0.49826758	1
TRA2B	0.17517238	0.41505361	1	0.05879013	0.49931221	1
TRABD	-0.713008	0.37133254	1	0.18514615	0.67509527	1
TRABD2A	0.27443917	1	1	1.26303441	1	1
TRABD2B	0.27443917	1	1	1.26303441	1	1
TRADD	0.2429173	0.39006511	1	-0.6463465	0.41163419	1
TRAF1	-0.7597952	0.4298969	1	0.41234453	0.55786582	1
TRAF2	-0.6086005	0.89454637	1	0.57446029	0.38164296	1
TRAF3	-0.2724066	0.1702394	1	0.44571789	0.37656175	1
TRAF3IP1	-0.1328226	0.55877487	1	0.50140945	0.80274936	1
TRAF3IP2	-1.4255509	0.19607323	1	-1.2067238	0.12562864	1
TRAF3IP3	0.09937193	0.85830483	1	-0.5218395	0.01319931	1
TRAF4	0.83849745	0.76775801	1	-0.9685327	0.23850126	1
TRAF5	-0.7702598	0.65442318	1	-0.4581308	0.20042865	1
TRAF6	-1.699104	0.36881557	1	-1.7028418	0.0635346	1
TRAF7	-1.0923813	0.46636297	1	-1.1481072	0.27956976	1
TRAFD1	-0.8387698	0.19042227	1	-0.5349692	0.75297272	1
TRAIP	-9.8007936	0.19965135	1	-8.4016983	0.1474095	1
TRAK1	-1.3032491	0.05650585	1	-0.8274997	0.37922709	1
TRAK2	-0.0589615	0.9932432	1	0.44231497	0.83699696	1
TRAM1	-0.4526545	0.39012065	1	-1.065996	0.0027519	1
TRAM2	-0.1797371	0.46919536	1	1.33629011	0.45901424	1
TRANK1	-0.688881	0.3701793	1	0.37082455	0.37483183	1
TRAP1	-1.1406493	0.40149069	1	-1.6023508	0.16767449	1
TRAPPC1	0.5010826	0.85135027	1	-3.0230914	0.00073923	1
TRAPPC10	-0.2098163	0.6895039	1	-0.0246156	0.86450506	1
TRAPPC11	1.169193	0.00244759	1	0.62875479	0.01416682	1
TRAPPC12	-0.2899014	0.57436185	1	0.15377225	0.17472435	1
TRAPPC13	-0.1351479	0.82130377	1	-0.3478312	0.76142282	1
TRAPPC2	0.46392593	0.52717712	1	-0.2719514	0.8529026	1
TRAPPC2L	-1.5064263	0.45920413	1	-2.9094528	0.00012821	1
TRAPPC3	-1.4097643	0.32015878	1	-2.9522649	0.00773799	1
TRAPPC3L	0.27443917	1	1	1.26303441	1	1
TRAPPC4	-0.1830564	0.8858587	1	-1.0085392	0.06799219	1
TRAPPC5	-0.6667216	0.29134994	1	-2.2024377	0.00038149	1
TRAPPC6A	-0.0160642	0.35823471	1	-1.0689461	0.22428271	1
TRAPPC6B	0.04686955	0.89961572	1	-0.172185	0.61168301	1
TRAPPC8	-0.2837191	0.60820231	1	0.12732689	0.69097234	1
TRAPPC9	0.06694483	0.79126433	1	0.79201356	0.00105536	1
TRARG1	0.27443917	1	1	1.26303441	1	1
TRDMT1	0.67933765	0.05282371	1	0.28237238	0.17786664	1
TREM1	-0.7304743	0.33058187	1	-1.4612109	0.00212475	1
TREM2	-9.2097644	0.11486391	1	-6.8042356	0.26373073	1

TREML1	0.27443917	1	1	-6.5130376	0.3629285	1
TREML2	-9.0280278	0.06784723	1	-9.1910808	0.1474095	1
TREML4	0.27443917	1	1	1.26303441	1	1
TRERF1	-0.1019848	0.94236968	1	0.39489456	0.09159613	1
TREX1	0.27443917	1	1	-6.7008845	0.3629285	1
TREX2	0.2873677	0.89260809	1	9.94663357	0.12281968	1
TRH	0.27443917	1	1	1.26303441	1	1
TRHDE	2.36563775	0.45132853	1	-0.2451038	0.42106218	1
TRHR	0.27443917	1	1	1.26303441	1	1
TRIAP1	-0.0750641	0.85135027	1	-1.7293499	0.0648934	1
TRIB1	-9.1465195	0.11486391	1	-9.4801041	0.03005553	1
TRIB2	-2.4910664	0.0599857	1	-2.3738514	0.03640859	1
TRIB3	1.37595494	0.1450008	1	1.09564489	0.12169381	1
TRIL	-8.4301312	0.11486391	1	-7.0945281	0.26373073	1
TRIM10	0.27443917	1	1	1.26303441	1	1
TRIM11	-1.4330772	0.26302768	1	-1.0394215	0.4030459	1
TRIM13	-0.9413412	0.41025623	1	-1.1038695	0.04723985	1
TRIM14	-1.4024694	0.00277826	1	-0.1404806	0.29779831	1
TRIM15	0.27443917	1	1	1.26303441	1	1
TRIM16	0.53392048	0.81353247	1	0.55952223	0.75518386	1
TRIM17	0.27443917	1	1	1.26303441	1	1
TRIM2	-7.8820648	0.36779564	1	-7.4493067	0.3629285	1
TRIM21	-1.1187263	0.87876749	1	-0.730055	0.87008716	1
TRIM22	-1.2995221	0.00033474	1	-0.6075323	0.03723722	1
TRIM23	-0.3304726	0.93752687	1	0.36449406	0.46841057	1
TRIM24	0.17129431	0.63370769	1	0.36507841	0.40997701	1
TRIM25	-0.7554049	0.30252433	1	0.57891182	0.14927972	1
TRIM26	0.11089674	0.85909883	1	0.46010555	0.18368985	1
TRIM27	0.87687855	0.02919787	1	0.05448105	0.58841773	1
TRIM28	-0.101404	0.99537266	1	-0.4443926	0.14530728	1
TRIM29	0.27443917	1	1	1.26303441	1	1
TRIM3	1.13965231	0.8024585	1	1.65068957	0.2607118	1
TRIM31	-8.1854989	0.36779564	1	1.26303441	1	1
TRIM32	1.71794527	0.15974029	1	2.90371966	0.03645274	1
TRIM33	-0.3123653	0.54120961	1	0.18262732	0.29359698	1
TRIM34	0.56627802	0.4634873	1	1.52960516	0.365771	1
TRIM35	0.27443917	1	1	1.26303441	1	1
TRIM36	-1.2376147	0.54586113	1	-0.5406448	0.96262077	1
TRIM37	-0.1618376	0.47857291	1	0.49578891	0.68653511	1
TRIM38	-0.1491684	0.86860716	1	-0.0177287	0.80630392	1
TRIM4	-0.2881149	0.62878521	1	-0.4355107	0.6639424	1
TRIM40	0.27443917	1	1	1.26303441	1	1
TRIM41	-0.1371434	0.82464385	1	0.62679185	0.61520584	1

TRIM42	0.27443917	1	1	1.26303441	1	1
TRIM44	0.1639671	0.89385096	1	0.12744308	0.8090683	1
TRIM45	0.27443917	1	1	-7.2300283	0.3629285	1
TRIM46	0.27443917	1	1	-7.5019293	0.52259551	1
TRIM47	1.82193385	0.50164502	1	0.21055696	0.79559712	1
TRIM5	-1.6224714	0.01258033	1	-0.0376001	0.30319682	1
TRIM50	0.27443917	1	1	1.26303441	1	1
TRIM52	-0.5791563	0.57952174	1	-0.4391121	0.58495744	1
TRIM54	0.27443917	1	1	1.26303441	1	1
TRIM55	0.27443917	1	1	1.26303441	1	1
TRIM56	-0.8972987	0.46915738	1	-0.2205182	0.97853878	1
TRIM58	-1.2767677	0.86831791	1	0.84031366	0.6059756	1
TRIM59	0.70950822	0.89260809	1	-2.0424475	0.17493326	1
TRIM6	-0.9646023	0.46277583	1	0.01138622	0.80520616	1
TRIM62	-0.9930602	0.5506235	1	-1.2133412	0.10271265	1
TRIM63	0.27443917	1	1	1.26303441	1	1
TRIM65	0.41896179	0.19018201	1	-0.1751767	0.70058488	1
TRIM66	-8.0691205	0.36779564	1	-7.1683967	0.52259551	1
TRIM67	-8.5281748	0.19965135	1	-8.2671568	0.26373073	1
TRIM68	-6.3243319	0.36779564	1	-7.5166927	0.1958879	1
TRIM69	0.27443917	1	1	-8.6037659	0.26373073	1
TRIM7	0.27443917	1	1	-6.1415557	0.52259551	1
TRIM71	0.27443917	1	1	1.26303441	1	1
TRIM72	0.27443917	1	1	-5.9244137	0.52259551	1
TRIM77	0.27443917	1	1	1.26303441	1	1
TRIM8	-0.8271867	0.50362957	1	-0.4647771	0.81119547	1
TRIM9	8.99693081	0.2752184	1	0.8125915	0.52790957	1
TRIML1	0.27443917	1	1	1.26303441	1	1
TRIML2	0.27443917	1	1	1.26303441	1	1
TRIO	0.04486906	0.70596849	1	0.72730311	0.00431925	1
TRIOBP	-0.9809634	0.27330865	1	-1.0636479	0.08494701	1
TRIP10	-0.7399599	0.5506235	1	1.51056754	0.52996743	1
TRIP11	0.24733387	0.30298422	1	0.03020021	0.71060457	1
TRIP12	0.04458285	0.82743802	1	0.33013894	0.18541076	1
TRIP13	0.27443917	1	1	-7.3534707	0.26373073	1
TRIP4	-0.2770584	0.42016792	1	0.58445303	0.28880925	1
TRIP6	-7.2837008	0.11486391	1	-7.70468	0.26373073	1
TRIQK	-9.3537228	0.11486391	1	-8.1299799	0.3629285	1
TRIR	-0.0830823	0.75935437	1	-1.5633946	1.64E-07	0.00451918
TRIT1	0.25521619	0.36745298	1	0.05783414	0.99689678	1
TRMO	0.31060324	0.38833564	1	0.30185683	0.41572417	1
TRMT1	-3.1916382	0.15285381	1	-3.5421873	0.00641987	1
TRMT10A	7.24458084	0.2752184	1	-2.5020121	0.2190979	1

TRMT10B	-0.1201291	0.4626242	1	-0.7346957	0.63370027	1	
TRMT10C	-0.3714738	0.64301775	1	-1.5572272	0.00601895	1	
TRMT11	-1.9344382	0.01627321	1	-1.5256573	0.12513706	1	
TRMT112	1.10808062	0.13023244	1	-2.2968969	9.14E-06	0.25227717	
TRMT12	-1.9014024	0.54586113	1	-0.502682	0.61094938	1	
TRMT13	0.64495858	0.15313917	1	0.40323688	0.81128742	1	
TRMT1L	0.03499417	0.78420264	1	-0.3800681	0.59427066	1	
TRMT2A	-0.537819	0.47358334	1	-0.5882763	0.50006568	1	
TRMT2B	1.98007414	0.0588633	1	0.33882605	0.46181022	1	
TRMT44	-0.6396745	0.58179221	1	1.5221583	0.04904148	1	
TRMT5	-9.0306997	0.06784723	1	-9.4774593	0.1474095	1	
TRMT6	0.22622955	0.85162514	1	0.38454519	0.66783463	1	
TRMT61A	1.22747807	0.23243735	1	1.4884437	0.78283336	1	
TRMT61B	0.29268289	0.38833564	1	0.41443366	0.29457092	1	
TRMT9B	-8.3232364	0.36779564	1	-7.1858337	0.52259551	1	
TRMU	-0.7164785	0.57575508	1	0.21225801	0.76162411	1	
TRNAA-AGC	0.27443917	1	1	1.26303441	1	1	
TRNAA-AGC-	0.27443917	1	1	1.26303441	1	1	
TRNAA-AGC-	0.27443917	1	1	1.26303441	1	1	
TRNAA-AGC-	0.27443917	1	1	1.26303441	1	1	
TRNAA-AGC-	0.27443917	1	1	1.26303441	1	1	
TRNAA-CGC	0.27443917	1	1	1.26303441	1	1	
TRNAA-CGC-	0.27443917	1	1	1.26303441	1	1	
TRNAA-CGC-	0.27443917	1	1	-7.476402	0.3629285	1	
TRNAA-UGC-	0.27443917	1	1	1.26303441	1	1	
TRNAA-UGC-	0.27443917	1	1	1.26303441	1	1	
TRNAA-UGC-	0.27443917	1	1	1.26303441	1	1	
TRNAC-GCA-	0.27443917	1	1	1.26303441	1	1	
TRNAC-GCA-	0.27443917	1	1	1.26303441	1	1	
TRNAC-GCA-	0.27443917	1	1	1.26303441	1	1	
TRNAD-GUC	0.27443917	1	1	1.26303441	1	1	
TRNAD-GUC-	0.27443917	1	1	1.26303441	1	1	
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TRNAD-GUC-	0.27443917	1	1	1.26303441	1	1	
TRNAD-GUC-	9.08574801	0.2752184	1	1.0655258	0.52790957	1	
TRNAE-CUC	0.27443917	1	1	1.26303441	1	1	
TRNAE-CUC-	0.27443917	1	1	1.26303441	1	1	
TRNAE-CUC-	0.27443917	1	1	1.26303441	1	1	
TRNAE-CUC-	0.27443917	1	1	1.26303441	1	1	
TRNAE-UUC-	0.27443917	1	1	1.26303441	1	1	
TRNAE-UUC-	0.27443917	1	1	1.26303441	1	1	

TRNAF-GAA-1	0.27443917	1	1	1.26303441	1	1
TRNAF-GAA-6	0.27443917	1	1	1.26303441	1	1
TRNAF-GAA-7	0.27443917	1	1	1.26303441	1	1
TRNAF-GAA-9	0.27443917	1	1	1.26303441	1	1
TRNAG-CCC	0.27443917	1	1	1.26303441	1	1
TRNAG-CCC	0.27443917	1	1	1.26303441	1	1
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TRNAG-GCC	0.27443917	1	1	1.26303441	1	1
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TRNAG-GCC	0.27443917	1	1	1.26303441	1	1
TRNAG-UCC	0.27443917	1	1	1.26303441	1	1
TRNAG-UCC	7.8410451	0.2752184	1	8.82964034	0.12281968	1
TRNAG-UCC	0.27443917	1	1	1.26303441	1	1
TRNAG-UCC	0.27443917	1	1	1.26303441	1	1
TRNAH-GUG	0.27443917	1	1	1.26303441	1	1
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TRNAH-GUG	0.27443917	1	1	1.26303441	1	1
TRNAI-AAU	0.27443917	1	1	-7.1126165	0.3629285	1
TRNAI-AAU-1	0.27443917	1	1	1.26303441	1	1
TRNAI-AAU-1	0.27443917	1	1	1.26303441	1	1
TRNAI-AAU-3	0.27443917	1	1	1.26303441	1	1
TRNAI-AAU-5	0.27443917	1	1	1.26303441	1	1
TRNAI-AAU-8	0.27443917	1	1	1.26303441	1	1
TRNAI-UAU-3	0.27443917	1	1	1.26303441	1	1
TRNAK-CUU	0.13715438	0.68789913	1	-0.0302518	0.85064705	1
TRNAK-CUU-	-8.0151886	0.36779564	1	1.26303441	1	1
TRNAK-CUU-	0.27443917	1	1	-6.5696229	0.52259551	1
TRNAK-CUU-	0.27443917	1	1	1.26303441	1	1
TRNAK-CUU-	0.27443917	1	1	1.26303441	1	1
TRNAK-CUU-	0.27443917	1	1	1.26303441	1	1
TRNAK-CUU-	0.27443917	1	1	1.26303441	1	1
TRNAK-CUU-	0.27443917	1	1	1.26303441	1	1

TRNAK-UUU	0.27443917	1	1	-7.1264306	0.52259551	1
TRNAK-UUU-	0.27443917	1	1	1.26303441	1	1
TRNAK-UUU-	0.27443917	1	1	1.26303441	1	1
TRNAK-UUU-	0.27443917	1	1	1.26303441	1	1
TRNAK-UUU-3	0.27443917	1	1	1.26303441	1	1
TRNAK-UUU-5	0.27443917	1	1	1.26303441	1	1
TRNAK-UUU-6	0.27443917	1	1	1.26303441	1	1
TRNAK-UUU-8	0.27443917	1	1	1.26303441	1	1
TRNAK-UUU-9	0.27443917	1	1	1.26303441	1	1
TRNAL-AAG	0.27443917	1	1	1.26303441	1	1
TRNAL-AAG-1	0.27443917	1	1	1.26303441	1	1
TRNAL-AAG-7	0.27443917	1	1	1.26303441	1	1
TRNAL-AAG-8	0.27443917	1	1	1.26303441	1	1
TRNAL-CAA	0.27443917	1	1	1.26303441	1	1
TRNAL-CAA-2	0.27443917	1	1	1.26303441	1	1
TRNAL-CAG	0.27443917	1	1	1.26303441	1	1
TRNAL-CAG-	0.24084615	0.90231962	1	1.80365745	0.52223338	1
TRNAL-CAG-	0.27443917	1	1	1.26303441	1	1
TRNAL-UAA	0.27443917	1	1	1.26303441	1	1
TRNAL-UAA-2	0.27443917	1	1	1.26303441	1	1
TRNAL-UAG	0.27443917	1	1	1.26303441	1	1
TRNAL-UAG-1	0.27443917	1	1	1.26303441	1	1
TRNAL-UAG-2	0.27443917	1	1	1.26303441	1	1
TRNAM-CAU	0.27443917	1	1	1.26303441	1	1
TRNAM-CAU-	-6.0587014	0.36779564	1	-6.6076133	0.52259551	1
TRNAM-CAU-	0.27443917	1	1	1.26303441	1	1
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TRNAM-CAU-	0.27443917	1	1	1.26303441	1	1
TRNAM-CAU-	0.27443917	1	1	-6.8217186	0.52259551	1
TRNAM-CAU-	0.27443917	1	1	1.26303441	1	1
TRNAM-CAU-	0.27443917	1	1	-6.8792337	0.52259551	1
TRNAN-GUU	0.27443917	1	1	1.26303441	1	1
TRNAN-GUU-	0.27443917	1	1	1.26303441	1	1
TRNAN-GUU-	0.27443917	1	1	1.26303441	1	1
TRNAN-GUU-	0.27443917	1	1	1.26303441	1	1
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TRNAN-GUU-	0.27443917	1	1	1.26303441	1	1
TRNAP-AGG	0.27443917	1	1	1.26303441	1	1
TRNAP-AGG-	0.27443917	1	1	1.26303441	1	1
TRNAP-AGG-	0.27443917	1	1	1.26303441	1	1
TRNAP-CGG	0.27443917	1	1	-8.879694	0.26373073	1

TRNAP-UGG-	0.27443917	1	1	1.26303441	1	1
TRNAP-UGG-	0.27443917	1	1	1.26303441	1	1
TRNAQ-CUG	0.27443917	1	1	1.26303441	1	1
TRNAQ-CUG-	0.90381458	0.89260809	1	0.4239519	0.8783593	1
TRNAQ-CUG-	7.06868348	0.2752184	1	8.05727872	0.12281968	1
TRNAQ-CUG-	0.27443917	1	1	1.26303441	1	1
TRNAQ-UUG-	0.27443917	1	1	1.26303441	1	1
TRNAQ-UUG-	0.27443917	1	1	1.26303441	1	1
TRNAQ-UUG-	0.27443917	1	1	1.26303441	1	1
TRNAQ-UUG-	0.27443917	1	1	1.26303441	1	1
TRNAR-ACG	0.27443917	1	1	1.26303441	1	1
TRNAR-ACG-	0.27443917	1	1	1.26303441	1	1
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TRNAR-ACG-	0.27443917	1	1	1.26303441	1	1
TRNAR-CCG	0.27443917	1	1	1.26303441	1	1
TRNAR-CCG-	0.27443917	1	1	1.26303441	1	1
TRNAR-CCG-	7.14873999	0.2752184	1	8.13733522	0.12281968	1
TRNAR-CCU	0.7678434	0.89260809	1	8.28078139	0.12281968	1
TRNAR-CCU-	7.45795187	0.2752184	1	8.44654711	0.12281968	1
TRNAR-UCG-	0.27443917	1	1	1.26303441	1	1
TRNAR-UCG-	0.27443917	1	1	1.26303441	1	1
TRNAR-UCG-	0.27443917	1	1	1.26303441	1	1
TRNAR-UCU-	0.27443917	1	1	1.26303441	1	1
TRNAS-AGA-3	0.27443917	1	1	1.26303441	1	1
TRNAS-AGA-5	0.27443917	1	1	1.26303441	1	1
TRNAS-AGA-6	0.27443917	1	1	1.26303441	1	1
TRNAS-AGA-8	0.27443917	1	1	1.26303441	1	1
TRNAS-CGA	0.27443917	1	1	1.26303441	1	1
TRNAS-CGA-	0.27443917	1	1	1.26303441	1	1
TRNAS-GCU-	0.27443917	1	1	1.26303441	1	1
TRNAS-GCU-	7.65175331	0.2752184	1	8.64034855	0.12281968	1
TRNAS-UGA-3	0.27443917	1	1	1.26303441	1	1
TRNAS-UGA-4	0.27443917	1	1	1.26303441	1	1
TRNAT-AGU-2	0.27443917	1	1	-4.879732	0.52259551	1
TRNAT-AGU-3	0.27443917	1	1	1.26303441	1	1
TRNAT-AGU-4	-8.4626833	0.36779564	1	1.26303441	1	1
TRNAT-AGU-5	0.27443917	1	1	1.26303441	1	1
TRNAT-AGU-7	0.27443917	1	1	1.26303441	1	1
TRNAT-AGU-8	0.27443917	1	1	1.26303441	1	1
TRNAT-CGU-	0.27443917	1	1	1.26303441	1	1
TRNAT-CGU-	0.27443917	1	1	1.26303441	1	1
TRNAT-UGU	0.27443917	1	1	1.26303441	1	1
TRNAT-UGU-3	0.27443917	1	1	1.26303441	1	1

TRNAT-UGU-3	0.27443917	1	1	1.26303441	1	1
TRNAT-UGU-4	0.27443917	1	1	1.26303441	1	1
TRNAT-UGU-5	0.27443917	1	1	1.26303441	1	1
TRNAU1AP	0.96598982	0.24090693	1	0.83566566	0.32874429	1
TRNAV-AAC-2	0.27443917	1	1	1.26303441	1	1
TRNAV-AAC-6	0.27443917	1	1	1.26303441	1	1
TRNAV-AAC-7	8.81168707	0.2752184	1	9.8002823	0.12281968	1
TRNAV-CAC-	0.27443917	1	1	1.26303441	1	1
TRNAV-CAC-	0.27443917	1	1	1.26303441	1	1
TRNAV-CAC-	0.27443917	1	1	-6.3737338	0.52259551	1
TRNAV-CAC-	0.27443917	1	1	1.26303441	1	1
TRNAV-CAC-	0.27443917	1	1	-7.1600031	0.52259551	1
TRNAV-UAC-2	0.27443917	1	1	1.26303441	1	1
TRNAV-UAC-3	0.27443917	1	1	-6.3041129	0.52259551	1
TRNAV-UAC-4	0.27443917	1	1	1.26303441	1	1
TRNAV-UAC-5	0.27443917	1	1	1.26303441	1	1
TRNAW-CCA	0.27443917	1	1	1.26303441	1	1
TRNAW-CCA	0.27443917	1	1	1.26303441	1	1
TRNAY-GUA-	0.27443917	1	1	1.26303441	1	1
TRNAY-GUA-2	0.27443917	1	1	1.26303441	1	1
TRNP1	0.27443917	1	1	1.26303441	1	1
TRNT1	0.10592701	0.81885601	1	-0.5459722	0.10824983	1
TROAP	0.27443917	1	1	1.26303441	1	1
TRPA1	0.27443917	1	1	1.26303441	1	1
TRPC1	0.80940187	0.23795444	1	0.0716486	0.75599259	1
TRPC3	8.07741448	0.2752184	1	-0.3100634	0.8895985	1
TRPC4	0.27443917	1	1	1.26303441	1	1
TRPC4AP	-0.487873	0.11939897	1	-0.0583116	0.74004647	1
TRPC5	-7.9491196	0.19965135	1	-3.4307288	0.52259551	1
TRPC5OS	0.27443917	1	1	1.26303441	1	1
TRPC6	7.29218615	0.2752184	1	8.28078139	0.12281968	1
TRPC7	0.27443917	1	1	1.26303441	1	1
TRPM1	-8.5807632	0.36779564	1	-5.3789862	0.52259551	1
TRPM2	-2.7381069	0.24755874	1	-1.0850597	0.85064705	1
TRPM3	-1.7914939	0.67317602	1	8.39675328	0.12281968	1
TRPM4	8.0303035	0.2752184	1	1.91308244	0.8783593	1
TRPM5	0.27443917	1	1	1.26303441	1	1
TRPM6	-1.252014	0.8025791	1	0.75360187	0.97382966	1
TRPM7	-0.3048455	0.13311998	1	0.19353129	0.32138519	1
TRPM8	9.76507108	0.2752184	1	3.4696825	0.52223338	1
TRPS1	0.24860193	0.26925952	1	0.93431218	5.29E-06	0.14603081
TRPT1	-5.7150445	0.36779564	1	-7.5107134	0.3629285	1
TRPV1	9.75848506	0.05637677	1	10.7470803	0.00720402	1

TRPV2	0.59832786	0.19074202	1	-0.1087496	0.69771528	1
TRPV3	0.27443917	1	1	1.26303441	1	1
TRPV4	-9.250845	0.11486391	1	-8.5981428	0.11188911	1
TRPV5	0.27443917	1	1	1.26303441	1	1
TRPV6	0.27443917	1	1	1.26303441	1	1
TRRAP	-0.5731609	0.09582143	1	0.19288551	0.68576392	1
TRUB1	-1.0001578	0.86503869	1	-1.6810116	0.39549386	1
TRUB2	0.19449585	0.74118136	1	1.51276351	0.43713184	1
TSACC	0.99484791	0.4634873	1	-0.4211511	0.95141927	1
TSBP1	-1.3163984	0.90231962	1	-1.8596691	0.8409801	1
TSC1	-0.571231	0.3369102	1	-0.3081816	0.27161264	1
TSC2	-0.4414909	0.57599649	1	-0.018983	0.8111143	1
TSC22D1	-0.1501543	0.25590476	1	0.2453559	0.11931596	1
TSC22D2	-0.0273133	0.22591537	1	0.37994615	0.16096213	1
TSC22D3	-0.0354282	0.5717976	1	-0.6031607	0.08864158	1
TSC22D4	-0.4978853	0.57142825	1	0.07225145	0.54731754	1
TSEN15	0.29793497	0.52434985	1	-0.5829524	0.69125194	1
TSEN2	0.07503294	0.3245111	1	0.45536493	0.35736129	1
TSEN34	0.04332876	0.91023596	1	-0.2477634	0.42290599	1
TSEN54	-1.0621213	0.08138826	1	-1.7105719	0.00010661	1
TSFM	-1.1288376	0.37957602	1	-0.1431669	0.84855328	1
TSG101	-0.3012494	0.76672769	1	0.04155368	0.95624516	1
TSGA10	0.97887861	0.09262425	1	1.29673352	0.00041036	1
TSGA10IP	0.27443917	1	1	1.26303441	1	1
TSGA13	0.27443917	1	1	1.26303441	1	1
TSHR	-8.7786042	0.19965135	1	1.26303441	1	1
TSHZ1	0.46622777	0.19239984	1	1.13615662	0.02845952	1
TSHZ2	8.38627362	0.2752184	1	0.54535593	0.49978619	1
TSHZ3	-8.0902342	0.36779564	1	1.26303441	1	1
TSKS	0.27443917	1	1	-5.5704376	0.3629285	1
TSKU	0.27443917	1	1	1.26303441	1	1
TSLP	0.27443917	1	1	1.26303441	1	1
TSN	-1.8503786	0.21195296	1	-2.3587964	0.04631701	1
TSNARE1	1.74983365	0.00101622	1	2.23053188	3.93E-06	0.10832365
TSNAX	0.80533611	0.05946177	1	-0.1835157	0.71288997	1
TSNAXIP1	0.27443917	1	1	1.26303441	1	1
TSPAN1	-10.404534	0.02458092	1	-10.910443	0.00651331	1
TSPAN10	0.27443917	1	1	1.26303441	1	1
TSPAN11	0.27443917	1	1	1.26303441	1	1
TSPAN12	8.28827283	0.2752184	1	9.27686806	0.12281968	1
TSPAN13	0.439644	0.75870978	1	0.1811977	0.62154805	1
TSPAN14	0.20853376	0.2239817	1	0.57039342	0.06945389	1
TSPAN15	-3.0500251	0.67317602	1	-1.5954249	0.64032309	1

TSPAN16	0.27443917	1	1	1.26303441	1	1
TSPAN17	0.54845187	0.78204296	1	1.90254049	0.19454562	1
TSPAN18	6.80268521	0.2752184	1	2.78693811	0.52223338	1
TSPAN19	-7.4059083	0.36779564	1	-8.6856448	0.3629285	1
TSPAN2	0.74915269	0.2454709	1	0.5093235	0.69183084	1
TSPAN3	-0.297413	0.91340297	1	-0.5195736	0.6251595	1
TSPAN31	1.33743432	0.20403162	1	-0.6676854	0.37557706	1
TSPAN32	2.0945934	0.04622213	1	0.29162134	0.5072437	1
TSPAN33	1.24901706	0.45738523	1	2.93281861	0.15452883	1
TSPAN4	0.37701441	0.3016831	1	-1.4845553	0.17652786	1
TSPAN5	-0.3208525	0.5716325	1	-0.0663388	0.31470559	1
TSPAN6	-9.8789404	0.06784723	1	-9.4555169	0.11188911	1
TSPAN7	0.27443917	1	1	1.26303441	1	1
TSPAN8	0.27443917	1	1	1.26303441	1	1
TSPAN9	-0.2305755	0.4634873	1	0.17753562	0.37235208	1
TSPO	-0.8313629	0.09989455	1	-2.0831527	1.71E-07	0.00473117
TSPO2	0.27443917	1	1	1.26303441	1	1
TSPOAP1	-0.3436215	0.6143475	1	-0.4928238	0.43978206	1
TSPYL1	0.22151401	0.69910385	1	-0.2972351	0.23561217	1
TSPYL2	-0.1656616	0.71973464	1	0.1600732	0.39561715	1
TSPYL4	0.31235699	0.52537368	1	1.49878729	0.07588082	1
TSPYL5	-1.5283743	0.07623225	1	-0.5953092	0.36482377	1
TSPYL6	0.27443917	1	1	1.26303441	1	1
TSR1	-0.3182173	0.95315705	1	-0.0274444	0.50704219	1
TSR2	-0.6189309	0.73544378	1	-1.6055298	0.08217	1
TSR3	-8.6878754	0.19965135	1	-10.760214	0.00303706	1
TSSC4	0.38369521	0.5393955	1	-1.2419172	0.13167493	1
TSSK2	0.27443917	1	1	1.26303441	1	1
TSSK3	-6.5132161	0.36779564	1	1.26303441	1	1
TSSK4	9.15266058	0.12052946	1	0.00183137	0.97009268	1
TSSK6	7.10225734	0.2752184	1	-0.4924389	0.52790957	1
TST	0.27443917	1	1	-8.2185182	0.1474095	1
TSTA3	1.0565053	0.08005099	1	0.00743059	0.93939979	1
TSTD1	0.27443917	1	1	-6.7882866	0.52259551	1
TSTD2	0.14534133	0.52821444	1	0.14262204	0.79930888	1
TSTD3	1.84472924	0.21669331	1	-0.0621593	0.5817715	1
TTBK1	7.71028999	0.2752184	1	8.69888523	0.12281968	1
TTBK2	-0.7045361	0.18642521	1	-0.451476	0.57423928	1
TTC1	-0.009028	0.81471656	1	-0.6562826	0.01683518	1
TTC12	0.26298881	0.19431154	1	0.73214811	0.07835224	1
TTC13	-0.1833799	0.75431367	1	-0.0524571	0.66930688	1
TTC14	-0.1289424	0.48181965	1	-0.0561556	0.60016576	1
TTC16	-8.885668	0.11486391	1	-7.7465813	0.3629285	1

TTC17	-0.0587179	0.59586484	1	0.2040705	0.73226926	1
TTC19	-0.4806582	0.20671591	1	-0.768636	0.00472359	1
TTC21A	0.24584655	0.7916076	1	-0.1261845	0.48729383	1
TTC21B	-1.390729	0.13283835	1	0.80256779	0.45318063	1
TTC22	1.32050922	0.89260809	1	8.35115616	0.12281968	1
TTC23	1.1693166	0.83292902	1	-0.2515843	0.5273912	1
TTC23L	-0.4453104	0.658917	1	-2.0033395	0.20870227	1
TTC24	0.00981431	0.23586417	1	0.33144407	0.43245952	1
TTC25	-10.54059	0.06784723	1	-8.0889489	0.26373073	1
TTC26	-5.4928051	0.36779564	1	-5.7242997	0.52259551	1
TTC27	-0.276633	0.85415224	1	0.69852646	0.27643832	1
TTC28	0.20097684	0.47495292	1	0.79912164	0.00530057	1
TTC29	-2.3241613	0.40765452	1	8.3298469	0.12281968	1
TTC3	-0.2232024	0.83354652	1	0.10068648	0.86897286	1
TTC30A	8.03370604	0.2752184	1	-0.164244	0.88397598	1
TTC30B	-8.5472305	0.36779564	1	-5.7242997	0.52259551	1
TTC31	0.30096327	0.26921505	1	0.62213649	0.59622935	1
TTC32	0.04831188	0.82499941	1	-0.0206471	0.7046746	1
TTC33	0.01754729	0.22450331	1	0.45112296	0.50738659	1
TTC34	0.27443917	1	1	1.26303441	1	1
TTC36	-8.1649368	0.36779564	1	1.26303441	1	1
TTC37	-0.1334377	0.40601475	1	-0.3883264	0.14485585	1
TTC38	0.53850379	0.35452379	1	0.49333833	0.20127473	1
TTC39A	-8.6267271	0.36779564	1	-7.5476258	0.3629285	1
TTC39B	-0.0687647	0.85822417	1	0.56518295	0.03782548	1
TTC39C	-0.4751402	0.0009025	1	0.01954234	0.32550744	1
TTC4	-0.5889361	0.79002376	1	0.20424172	0.79566636	1
TTC5	-2.1699995	0.14728833	1	-2.00591	0.07357495	1
TTC6	0.27443917	1	1	-8.5100672	0.1958879	1
TTC7A	-0.0342164	0.83617026	1	0.81436583	0.00672757	1
TTC7B	1.83669976	0.03297801	1	1.69522886	0.04108404	1
TTC8	-0.8481637	0.68052236	1	0.8102525	0.88397598	1
TTC9	0.27443917	1	1	-8.5899563	0.1958879	1
TTC9B	0.27443917	1	1	1.26303441	1	1
TTC9C	-0.5567703	0.96720032	1	0.13680509	0.91713169	1
TTF1	0.18477435	0.45019454	1	-0.1839774	0.80797735	1
TTF2	2.24272513	0.27886875	1	-0.1867236	0.95062943	1
TTI1	0.51387571	0.35552971	1	1.11502684	0.19080099	1
TTI2	0.01310707	0.80583961	1	-0.9727696	0.13048768	1
TTK	6.23735948	0.2752184	1	-2.0523491	0.8409801	1
TTL	-0.3917236	0.91094467	1	-0.1967749	0.8656511	1
TTLL1	-8.6812175	0.19965135	1	-9.5918027	0.03889469	1
TTLL10	0.32889204	0.68421252	1	0.57900316	0.98437193	1

TTLL11	-0.2451257	0.83423451	1	0.07834891	0.42781123	1
TTLL12	-1.4078293	0.67317602	1	-2.2324696	0.22222204	1
TTLL2	0.27443917	1	1	1.26303441	1	1
TTLL3	-1.1955238	0.16490175	1	-0.3194956	0.94449968	1
TTLL4	-1.8371058	0.53236434	1	-1.2076803	0.3291887	1
TTLL5	-0.006349	0.51081307	1	0.85365833	0.35148459	1
TTLL6	-8.2650216	0.19965135	1	1.26303441	1	1
TTLL7	2.10396919	0.01867615	1	0.7207434	0.42350303	1
TTLL8	0.27443917	1	1	1.26303441	1	1
TTLL9	0.27443917	1	1	-3.7413079	0.52259551	1
TTN	-2.472975	0.40765452	1	0.68894651	0.88397598	1
TTPA	-7.7126941	0.19965135	1	-7.7439309	0.26373073	1
TTPAL	0.94519422	0.8024585	1	-0.0584925	0.97015993	1
TTYH1	0.27443917	1	1	1.26303441	1	1
TTYH2	-0.8921895	0.55540624	1	3.61925891	0.35926299	1
TTYH3	0.18478467	0.16776582	1	-0.0859799	0.99391584	1
TUB	1.27279783	0.12637648	1	1.4956922	0.09402354	1
TUBA1A	-1.2887188	0.12481657	1	-2.1946181	0.00046013	1
TUBA1B	0.3480829	0.11767341	1	-1.6174322	8.66E-08	0.00238927
TUBA3E	0.27443917	1	1	1.26303441	1	1
TUBA4A	0.94925757	0.35934345	1	-1.0540179	0.09991033	1
TUBA8	-0.9968516	0.90231962	1	-0.270536	0.88397598	1
TUBB	-1.6897848	0.02492987	1	-2.6645381	6.60E-07	0.01820529
TUBB1	0.27443917	1	1	-5.8726831	0.52259551	1
TUBB2B	0.27443917	1	1	-7.2078373	0.3629285	1
TUBB4A	0.27443917	1	1	1.26303441	1	1
TUBB4B	1.37253674	0.05910088	1	-0.5515544	0.03054444	1
TUBB6	-2.7512169	0.05959756	1	-2.8358227	0.02953295	1
TUBD1	-0.2084288	0.77577019	1	-0.5941937	0.74698717	1
TUBE1	-1.9176889	0.36358287	1	-2.159799	0.49200677	1
TUBG1	0.24308367	0.56987499	1	0.51721162	0.34402187	1
TUBGCP2	0.2486631	0.20409226	1	0.8184967	0.0482491	1
TUBGCP3	-0.3255918	0.86880256	1	0.26115625	0.76701149	1
TUBGCP4	-1.6056399	0.41822719	1	-0.6905257	0.39221236	1
TUBGCP5	0.39047917	0.38164193	1	0.35404934	0.30392416	1
TUBGCP6	1.37559406	0.24370725	1	2.14619281	0.02094711	1
TUFM	0.46434155	0.64119038	1	-0.5231212	0.15503085	1
TUFT1	-0.3094825	0.85818915	1	-1.5331575	0.32241586	1
TULP1	0.27443917	1	1	1.26303441	1	1
TULP2	0.27443917	1	1	-9.2666627	0.08544191	1
TULP3	-8.8870924	0.19965135	1	-10.063516	0.03889469	1
TULP4	-0.7473093	0.03331713	1	-0.3044679	0.3532168	1
TUSC1	8.03370604	0.2752184	1	9.02230128	0.12281968	1

TUSC2	1.4420856	0.83770648	1	-0.988441	0.07054776	1
TUSC3	1.35551229	0.05576569	1	0.6003842	0.40912113	1
TUT1	0.62349588	0.50663218	1	-0.668277	0.85236157	1
TUT4	-0.0515439	0.68633069	1	0.62095228	0.00225789	1
TUT7	-0.4637511	0.1171317	1	0.11492924	0.61040166	1
TVP23A	9.50465552	0.12052946	1	-0.1581078	0.63952621	1
TVP23B	-0.3569541	0.5780018	1	0.10172832	0.6686068	1
TWF1	-1.0907644	0.06681068	1	0.1105509	0.63692223	1
TWIST1	7.39246672	0.2752184	1	8.38106195	0.12281968	1
TWIST2	0.27443917	1	1	-5.8036726	0.3629285	1
TWISTNB	-0.6394147	0.93445604	1	-2.0712064	0.04835105	1
TWNK	-0.0257113	0.96251788	1	2.07006285	0.19154278	1
TWSG1	-1.4738841	0.15910718	1	-1.5037841	0.22696786	1
TXK	-0.1685066	0.63120241	1	0.2347484	0.20602765	1
TXLNA	0.65111666	0.34098518	1	0.12011516	0.83362796	1
TXLNB	0.27443917	1	1	-6.5284919	0.52259551	1
TXLNG	-0.7732796	0.15638885	1	-0.0810045	0.90301069	1
TXN	-0.0070561	0.48922433	1	-2.0661366	1.31E-11	3.62E-07
TXN2	1.28771822	0.22327065	1	-0.5641001	0.11923128	1
TXNDC11	-0.9524014	0.11929655	1	0.05636838	0.93536456	1
TXNDC12	-0.3134359	0.63236763	1	-0.2517539	0.34270998	1
TXNDC15	0.28092323	0.35786282	1	0.17086077	0.67945165	1
TXNDC16	-0.4339469	0.9308391	1	0.42336793	0.36482377	1
TXNDC17	0.08462429	0.26056869	1	-2.8607799	0.00249876	1
TXNDC2	0.27443917	1	1	1.26303441	1	1
TXNDC5	-2.259103	0.09658536	1	-1.4290442	0.11662861	1
TXNDC8	0.27443917	1	1	1.26303441	1	1
TXNDC9	-0.5882338	0.8210583	1	-1.1901423	0.24452288	1
TXNIP	-0.1952213	0.84960314	1	-0.6304496	0.00062575	1
TXNL1	-1.2661852	0.02371447	1	-0.9216375	0.03521412	1
TXNL4A	-0.2230223	0.82512594	1	-0.7107508	0.04438403	1
TXNL4B	-0.5811856	0.71450081	1	-0.7480343	0.23316584	1
TXNRD1	0.25671144	0.86820514	1	0.08236861	0.33286419	1
TXNRD2	0.31024153	0.49513589	1	0.27634134	0.39217175	1
TXNRD3	11.1241475	0.12052946	1	3.39553474	0.59170527	1
TYK2	-0.0265399	0.96441077	1	-0.4411406	0.62995823	1
TYMS	0.27443917	1	1	-9.1812494	0.1474095	1
TYR	0.27443917	1	1	1.26303441	1	1
TYRO3	0.27443917	1	1	1.26303441	1	1
TYROBP	0.0548681	0.85505092	1	-2.1539138	7.53E-08	0.0020772
TYSND1	1.98728702	0.28205408	1	1.04401847	0.31384631	1
TYW3	-1.6314875	0.35662101	1	-1.6064282	0.13221412	1
TYW5	0.04260074	0.53425341	1	-0.187454	0.5066199	1

U2AF1	-0.4235163	0.72980323	1	-0.7568662	0.03998902	1
U2AF1L4	0.27443917	1	1	1.26303441	1	1
U2AF2	0.14634227	0.88127356	1	0.6844721	0.37780412	1
U2SURP	-0.4864165	0.5374452	1	-0.4075118	0.17616478	1
UACA	0.27443917	1	1	1.26303441	1	1
UAP1	-0.6159584	0.39958324	1	-1.0524115	0.13400444	1
UAP1L1	0.27443917	1	1	-8.3710699	0.3629285	1
UBA1	-1.0104825	0.57948235	1	-0.771624	0.52156873	1
UBA2	-0.4705399	0.42197997	1	-0.4675272	0.05568626	1
UBA3	0.29379651	0.44107701	1	-0.0998326	0.82564683	1
UBA5	-1.0285624	0.45990098	1	-0.1347828	0.58686652	1
UBA52	0.57215382	0.26925263	1	-2.0902609	2.13E-16	5.88E-12
UBA6	-0.8178571	0.37503916	1	-0.2809237	0.53773011	1
UBA7	0.34029797	0.93711946	1	0.07806695	0.63237516	1
UBAC1	1.15268526	0.14906916	1	0.56712104	0.5881446	1
UBAC2	-0.1286553	0.63224798	1	0.258368	0.25161198	1
UBALD1	-3.3314917	0.03546677	1	-2.6621292	0.06253105	1
UBALD2	-0.3008285	0.69290252	1	-0.2920166	0.28354455	1
UBAP1	-0.5446479	0.19696201	1	-0.0202258	0.41870075	1
UBAP1L	-0.703633	0.80862687	1	-0.0541227	0.8377889	1
UBAP2	-0.130659	0.90259225	1	0.65832709	0.07367987	1
UBAP2L	-0.3539627	0.79198624	1	-0.3200753	0.76093653	1
UBASH3A	-0.6416679	0.0803063	1	-0.1081929	0.19539984	1
UBASH3B	0.28289196	0.48171898	1	0.64500271	0.01212427	1
UBB	-0.4883086	0.35778244	1	-2.3740454	3.82E-19	1.05E-14
UBC	-0.4045185	0.11784944	1	-1.5803026	1.81E-12	5.00E-08
UBD	0.27443917	1	1	1.26303441	1	1
UBE2A	0.48073581	0.50580519	1	0.11542367	0.89485706	1
UBE2B	-0.3502639	0.38905652	1	-0.5595732	0.03561528	1
UBE2C	0.27443917	1	1	1.26303441	1	1
UBE2D1	-2.0276321	0.30606338	1	-2.0535242	0.06332211	1
UBE2D2	-0.3339307	0.42361282	1	0.06739223	0.81031648	1
UBE2D3	-0.0728987	0.89479485	1	-0.2996335	0.04057435	1
UBE2D4	0.70775353	0.78527543	1	1.16251193	0.16577906	1
UBE2E1	0.44466243	0.54490582	1	0.73024276	0.21253878	1
UBE2E2	0.38402637	0.22342933	1	0.96511935	0.08898756	1
UBE2E3	0.86385218	0.36495054	1	1.2256845	0.36426315	1
UBE2F	1.09745879	0.01514576	1	0.24618267	0.3006417	1
UBE2G1	-0.1564709	0.50762174	1	0.3968026	0.37447167	1
UBE2G2	-0.5108959	0.54561643	1	0.02442139	0.85175752	1
UBE2H	-0.8183216	0.0048275	1	-0.3285001	0.30642429	1
UBE2I	-0.3226096	0.64461376	1	-0.6559279	0.0061412	1
UBE2J1	0.3283751	0.03375566	1	0.51944096	0.09202439	1

UBE2J2	0.6992084	0.26195636	1	-0.037633	0.5060744	1
UBE2K	-0.2119905	0.40033197	1	0.33884287	0.07344906	1
UBE2L3	-1.0256401	0.23394855	1	-0.8164196	0.0129622	1
UBE2L5	0.27443917	1	1	1.26303441	1	1
UBE2L6	-0.7266845	0.2866381	1	-1.7368727	0.0041378	1
UBE2M	-1.2549104	0.54586113	1	-2.6138953	0.00728439	1
UBE2N	0.10751475	0.9988088	1	-0.8695318	0.0185246	1
UBE2O	0.28158536	0.70982157	1	0.80130698	0.32235466	1
UBE2Q1	-0.3592705	0.91060767	1	-1.3636738	0.03248566	1
UBE2Q2	-0.1209838	0.40255912	1	-0.4828689	0.04456697	1
UBE2Q2L	0.27443917	1	1	1.26303441	1	1
UBE2QL1	-5.7676125	0.36779564	1	1.26303441	1	1
UBE2R2	0.09072852	0.93463013	1	0.29747022	0.15289817	1
UBE2S	-0.3171496	0.67481434	1	-1.6627406	0.01854195	1
UBE2T	0.27443917	1	1	-7.9886132	0.3629285	1
UBE2U	0.27443917	1	1	1.26303441	1	1
UBE2V1	0.55384417	0.2098493	1	0.01411091	0.4129019	1
UBE2V2	0.20308907	0.94913568	1	-0.2086551	0.47081634	1
UBE2W	-1.0856904	0.00563384	1	-0.8854461	0.01979594	1
UBE2Z	0.33081384	0.33772017	1	0.13837837	0.20744139	1
UBE3A	0.05027689	0.94237934	1	0.34535361	0.20220468	1
UBE3B	2.05620597	0.03017691	1	1.30329587	0.0193995	1
UBE3C	0.2504451	0.60059266	1	0.77647908	0.00573317	1
UBE3D	1.32414098	0.00734849	1	1.34455312	0.00281877	1
UBE4A	0.10314414	0.75509906	1	-0.3104989	0.53816572	1
UBE4B	-0.3827488	0.92486307	1	-0.1010841	0.88717042	1
UBFD1	1.19587861	0.50164502	1	1.44561034	0.59680786	1
UBIAD1	-0.4406927	0.85135027	1	-1.4865515	0.61309223	1
UBL3	0.16705801	0.13241233	1	0.44600409	0.05768167	1
UBL4A	9.58775438	0.12052946	1	-1.3276406	0.03345376	1
UBL5	-0.1497548	0.88530402	1	-2.1505028	2.47E-06	0.06810381
UBL7	-10.678134	0.00339686	1	-9.8119521	0.05042498	1
UBLCP1	-1.0892199	0.39104264	1	-0.7641704	0.29046801	1
UBN1	1.00646963	0.04281655	1	0.56509753	0.45012196	1
UBN2	-0.3747605	0.44364507	1	0.23154534	0.31579509	1
UBOX5	-0.2071531	0.92653218	1	-0.362028	0.9336026	1
UBP1	-0.1784281	0.77214189	1	0.26034931	0.20543015	1
UBQLN1	-0.082023	0.56961091	1	-0.135889	0.70615855	1
UBQLN2	-1.285299	0.24373878	1	-0.8710351	0.2655763	1
UBQLN3	0.27443917	1	1	1.26303441	1	1
UBQLN4	-1.4545658	0.45564792	1	-0.5414647	0.80520616	1
UBQLNL	-2.7850721	0.15285381	1	-2.797557	0.28508405	1
UBR1	-0.6036004	0.00905576	1	0.33488973	0.31546314	1

UBR2	-0.4395052	0.03637772	1	-0.2436263	0.24619053	1
UBR3	-0.1353096	0.77081318	1	0.44033807	0.0017018	1
UBR4	-0.3298854	0.9324192	1	0.89451211	0.0004054	1
UBR5	0.47949092	0.57241394	1	0.52074317	0.24699842	1
UBR7	-0.9407897	0.40533882	1	-1.1273625	0.04690496	1
UBTD1	-1.6325032	0.41260835	1	0.03123204	0.29712061	1
UBTD2	-1.0898756	0.23638793	1	-0.5512852	0.67457382	1
UBTF	0.24993221	0.12833145	1	-0.5192902	0.37392186	1
UBXN1	-0.5323297	0.79485373	1	-1.88832	3.76E-07	0.01038235
UBXN10	-7.2442683	0.36779564	1	-6.8424745	0.52259551	1
UBXN11	0.27443917	1	1	1.26303441	1	1
UBXN2A	0.56865973	0.05181521	1	-0.0441809	0.76453167	1
UBXN2B	-0.7494991	0.11857901	1	-0.1736734	0.45569394	1
UBXN4	-2.81E-05	0.41391409	1	-0.9182207	0.01186181	1
UBXN6	-1.2040071	0.1560589	1	-1.0286991	0.03442193	1
UBXN7	0.43625079	0.10056084	1	0.82996242	0.00059509	1
UBXN8	-2.120639	0.41759769	1	-1.7059604	0.37449073	1
UCHL1	0.27443917	1	1	-6.2269176	0.52259551	1
UCHL3	0.76744779	0.06674521	1	1.18380205	0.06036945	1
UCHL5	0.84314635	0.061339	1	0.61172218	0.25723195	1
UCK1	-0.1692875	0.81353247	1	4.47313642	0.04383553	1
UCK2	-0.7174469	0.79956028	1	0.31350549	0.43477673	1
UCKL1	1.29564544	0.09812092	1	0.46652477	0.83949399	1
UCMA	0.27443917	1	1	1.26303441	1	1
UCN	0.27443917	1	1	-6.1082131	0.3629285	1
UCP1	0.27443917	1	1	1.26303441	1	1
UCP2	0.82902577	0.4507477	1	-0.2984733	0.20719163	1
UCP3	9.11146298	0.2752184	1	1.7676333	0.52223338	1
UEVLD	-0.5805024	0.33521909	1	-0.1348391	0.35232069	1
UFC1	-0.5882148	0.9928423	1	-2.0591723	2.14E-05	0.59058228
UFD1	0.27300781	0.53186496	1	-0.2064725	0.63712795	1
UFL1	0.16380373	0.61941841	1	0.31563285	0.98570542	1
UFM1	0.05152108	0.54350313	1	-0.822518	0.13226528	1
UFSP2	0.82739805	0.11655765	1	-0.367941	0.96587489	1
UGCG	-0.0423516	0.74653295	1	0.0790278	0.82954936	1
UGDH	0.86095731	0.33533975	1	0.37076446	0.83723487	1
UGGT1	0.29870163	0.47548319	1	0.63138781	0.47258042	1
UGGT2	-7.8927324	0.36779564	1	-8.0515914	0.26373073	1
UGP2	-1.178841	0.09927479	1	-1.1987358	0.02085576	1
UGT1A1	0.27443917	1	1	1.26303441	1	1
UGT2A3	0.27443917	1	1	1.26303441	1	1
UGT2B7	0.27443917	1	1	1.26303441	1	1
UGT2B9*2	0.27443917	1	1	1.26303441	1	1

UGT3A1	0.27443917	1	1	1.26303441	1	1
UGT3A2	0.27443917	1	1	1.26303441	1	1
UGT8	0.27443917	1	1	1.26303441	1	1
UHMK1	0.07827328	0.66628176	1	-0.4214239	0.21038542	1
UHRF1	-9.0414671	0.19965135	1	-6.0573691	0.52259551	1
UHRF1BP1	-1.287992	0.15008586	1	-1.107156	0.26721994	1
UHRF1BP1L	-0.3482688	0.07017195	1	0.10753788	0.64519316	1
UHRF2	-0.2047282	0.7183236	1	-0.0273335	0.99480239	1
UIMC1	0.01128985	0.28424406	1	0.3162408	0.2496666	1
ULK1	0.60608423	0.12912702	1	0.977893	0.09291321	1
ULK2	-0.4231922	0.72233727	1	-0.1486434	0.91179791	1
ULK3	-0.5939742	0.56503214	1	-1.2765592	0.3331058	1
ULK4	-0.5501915	0.17020652	1	-0.1490799	0.45863901	1
UMAD1	-0.1819028	0.99910694	1	-0.1964192	0.77168482	1
UMOD	0.27443917	1	1	1.26303441	1	1
UMODL1	0.27443917	1	1	1.26303441	1	1
UMPS	1.33866337	0.09175932	1	0.76432943	0.37253138	1
UNC119	0.47766858	0.83770648	1	-2.1233524	0.06282064	1
UNC119B	-1.5588702	0.54586113	1	-0.9644013	0.94395679	1
UNC13A	0.27443917	1	1	1.26303441	1	1
UNC13B	-1.5476373	0.16123409	1	-1.5506002	0.13603278	1
UNC13C	0.27443917	1	1	1.26303441	1	1
UNC13D	0.27039664	0.45447136	1	-0.3898808	0.33729797	1
UNC45A	-0.1584905	0.7964018	1	0.03985876	0.90887934	1
UNC45B	0.27443917	1	1	1.26303441	1	1
UNC50	-0.3193658	0.8858587	1	-1.4866319	0.02627696	1
UNC5A	0.27443917	1	1	1.26303441	1	1
UNC5B	9.89627264	0.12052946	1	3.08444473	0.15660079	1
UNC5C	0.27443917	1	1	-9.5524135	0.52259551	1
UNC5CL	0.27443917	1	1	1.26303441	1	1
UNC5D	2.15719619	0.11632685	1	3.22068058	0.04292093	1
UNC79	3.2126192	0.89260809	1	3.52658358	0.52223338	1
UNC80	0.27443917	1	1	-5.4536481	0.52259551	1
UNC93A	0.27443917	1	1	-7.0959782	0.52259551	1
UNC93B1	-0.0004684	0.63279382	1	0.20376435	0.71369019	1
UNG	-6.2499036	0.36779564	1	-7.8090224	0.26373073	1
UNK	1.3861151	0.00222792	1	0.69496546	0.04081911	1
UNKL	0.25211414	0.35154208	1	0.88702753	0.01280155	1
UPB1	7.79262339	0.2752184	1	8.78121863	0.12281968	1
UPF1	0.55714553	0.07136348	1	0.70482488	0.156919	1
UPF2	-0.2000498	0.51268326	1	-0.0387459	0.96378936	1
UPF3A	0.82711329	0.22530378	1	-1.1035918	0.31192849	1
UPF3B	1.89355336	0.04503799	1	-0.1276004	0.8213791	1

UPK1A	0.27443917	1	1	1.26303441	1	1
UPK1B	-8.0483132	0.36779564	1	1.26303441	1	1
UPK2	0.27443917	1	1	1.26303441	1	1
UPK3A	-9.1053942	0.19965135	1	-6.7491546	0.3629285	1
UPK3B	3.14102491	0.22569004	1	10.1191038	0.00720402	1
UPK3BL2	0.27443917	1	1	1.26303441	1	1
UPP1	-0.1804493	0.72136695	1	0.20962858	0.65072359	1
UPP2	0.27443917	1	1	1.26303441	1	1
UPRT	-1.2502131	0.24880431	1	-1.9392022	0.02542349	1
UQCC3	-0.5498425	0.66139238	1	-1.9239868	0.0033541	1
UQCR	-0.0961581	0.85800563	1	-1.8304724	6.73E-07	0.01858573
UQCRC1	-0.4967167	0.9100355	1	-0.8715605	0.10222629	1
UQCRC2	-0.4374867	0.70489226	1	-0.2594448	0.33300246	1
UQCRH	-0.0411337	0.60494726	1	-2.1100797	3.82E-09	0.00010537
UQCRQ	0.24917852	0.51643384	1	-1.8983214	8.68E-06	0.23940444
URAD	0.27443917	1	1	1.26303441	1	1
URB1	-0.4879115	0.41039744	1	-0.5233023	0.87093866	1
URB2	1.82372969	0.30792181	1	0.1166548	0.74241965	1
URGCP	-0.9012944	0.3602595	1	-0.6039405	0.61542676	1
URI1	-0.2267672	0.54657852	1	0.06407495	0.975448	1
URM1	-0.299904	0.26913834	1	-0.4820109	0.10301186	1
UROC1	0.27443917	1	1	1.26303441	1	1
UROD	0.96346106	0.89260809	1	-1.7171421	0.01902177	1
UROS	1.62246305	0.30498142	1	0.04686561	0.85673984	1
USB1	0.6350973	0.34953632	1	-0.1981921	0.43207758	1
USE1	-0.6139273	0.54292843	1	-1.4348424	0.02997767	1
USF1	-1.3813382	0.46277583	1	-1.172444	0.49370563	1
USF2	-1.2451708	0.05410635	1	-1.3869325	0.0050079	1
USF3	-0.7292604	0.45311812	1	-0.4646761	0.50015598	1
USH1C	1.67499259	0.45738523	1	3.0430006	0.35926299	1
USH2A	-7.5067409	0.19965135	1	1.26303441	1	1
USHBP1	7.37245979	0.2752184	1	-1.5053376	0.8409801	1
USO1	-0.4799988	0.53751623	1	-0.4709264	0.35025895	1
USP1	-0.0782735	0.77124024	1	-0.5342299	0.5035327	1
USP10	-0.3395125	0.52022237	1	-0.2173895	0.73496019	1
USP11	0.71609222	0.07799128	1	-0.1912439	0.64575639	1
USP12	-0.0801378	0.99263022	1	0.2968456	0.26822871	1
USP13	1.09118446	0.12765179	1	0.47065605	0.80507349	1
USP14	-0.1817301	0.66642794	1	-0.0696387	0.71813343	1
USP15	-0.4953607	0.00157376	1	0.17105233	0.21187403	1
USP16	-0.4461364	0.5819745	1	-0.5036813	0.33175577	1
USP18	-1.9614647	0.04203201	1	-0.9432201	0.49582083	1
USP19	-0.4817163	0.46627658	1	0.84133006	0.58193968	1

USP2	0.65034832	0.89260809	1	0.45214285	0.8783593	1
USP20	-0.2818405	0.90653642	1	-0.0849608	0.73601078	1
USP21	-7.9256416	0.36779564	1	-7.9971107	0.26373073	1
USP22	0.01907851	0.92384748	1	0.23263826	0.73962342	1
USP24	-0.2974262	0.0458849	1	0.33953879	0.50890128	1
USP25	-0.2668059	0.14831725	1	0.24395078	0.34525281	1
USP27X	0.27443917	1	1	1.26303441	1	1
USP28	-0.1118632	0.65109043	1	0.41900822	0.54828814	1
USP3	0.46094688	0.25350422	1	0.33521373	0.4008075	1
USP30	0.74293371	0.1010242	1	0.42101423	0.37342899	1
USP31	0.64762429	0.2528773	1	1.43939177	0.04922897	1
USP32	-0.87643	0.02339081	1	0.15980175	0.52216921	1
USP33	0.11529067	0.25488566	1	0.23038049	0.20804932	1
USP34	-0.2847277	0.03445557	1	0.24240464	0.11971262	1
USP35	1.8616784	0.89260809	1	0.04311752	0.65223573	1
USP36	-0.034326	0.71512433	1	0.44556934	0.08620579	1
USP37	-0.0045993	0.59432322	1	0.51332913	0.0146546	1
USP38	0.33234602	0.7092616	1	0.79994008	0.36526946	1
USP39	-0.252555	0.87652051	1	1.12499291	0.05960181	1
USP4	0.01235297	0.72492278	1	0.14805383	0.42628229	1
USP40	0.07794146	0.46462706	1	0.08897883	0.87495251	1
USP42	-0.2161517	0.87392792	1	0.380179	0.15595687	1
USP43	1.78302065	0.23243735	1	10.8973856	0.00720402	1
USP44	-0.0499173	0.81253103	1	0.3232323	0.23876094	1
USP45	0.22121107	0.67495629	1	0.05944169	0.7411476	1
USP46	0.0610087	0.91449293	1	0.20360155	0.79440696	1
USP47	-0.0748134	0.71373781	1	0.43869042	0.05074056	1
USP48	-0.250941	0.64825343	1	-0.1892121	0.53755441	1
USP49	0.04505769	0.80601313	1	-0.0638757	0.77167635	1
USP5	-0.6997454	0.944865	1	-0.8088095	0.5582243	1
USP50	-0.4972163	0.55059839	1	-0.197769	0.48213605	1
USP51	-2.1227927	0.67317602	1	-0.7165966	0.8895985	1
USP53	2.31083063	0.00054539	1	0.74952061	0.11591078	1
USP54	-1.3663267	0.1211353	1	-0.3685283	0.3464372	1
USP6NL	0.15078116	0.78881875	1	0.15218162	0.83569317	1
USP7	0.21256003	0.20723575	1	0.26177826	0.28911565	1
USP8	-0.1728379	0.97722414	1	0.49652286	0.0759341	1
USP9X	-0.1407336	0.55338699	1	0.27376372	0.20529269	1
USP9Y	-0.7353222	0.54052007	1	-0.3043988	0.31408356	1
USPL1	-0.0529804	0.8442303	1	-0.0598403	0.45741661	1
UST	1.39838413	0.1525585	1	0.80328279	0.42612734	1
UTF1	0.27443917	1	1	1.26303441	1	1
UTP11	0.24702645	0.66794153	1	-0.724505	0.18849238	1

UTP14A	0.46071103	0.91549579	1	-0.697857	0.12796842	1
UTP14C	-0.5068803	0.7886374	1	-0.260979	0.86680524	1
UTP15	-1.7978088	0.41260835	1	0.38175163	0.65223573	1
UTP18	-0.2766203	0.58417281	1	-0.800042	0.21909058	1
UTP20	-0.3220501	0.74144971	1	-0.0908687	0.84052234	1
UTP23	-1.1321387	0.32015878	1	-1.8652457	0.01212677	1
UTP25	-1.5595612	0.34743498	1	-0.6952284	0.37018747	1
UTP3	1.87706757	0.06111316	1	-1.0569701	0.16913916	1
UTP4	0.39347797	0.85503705	1	0.74209471	0.35804669	1
UTP6	-0.1657671	0.69088456	1	-0.3958123	0.64895528	1
UTRN	-0.1838912	0.46508978	1	0.41776349	0.00114027	1
UTS2	0.27443917	1	1	-8.0287313	0.3629285	1
UTS2B	0.27443917	1	1	1.26303441	1	1
UTY	0.37187006	0.08111465	1	0.22906852	0.59221049	1
UVRAG	-0.2355345	0.26815961	1	0.25190698	0.22762581	1
UVSSA	0.27952688	0.56987499	1	0.00339089	0.79055055	1
UXS1	0.01586144	0.39836337	1	0.60019652	0.03534938	1
UXT	-0.9333571	0.93912831	1	-1.372385	0.12068069	1
VAC14	-0.819314	0.17954689	1	0.60096715	0.43335974	1
VAMP1	8.83688152	0.12052946	1	-0.4138637	0.95888601	1
VAMP2	1.20402383	0.01851875	1	0.59925811	0.33963865	1
VAMP3	-0.6386813	0.46627658	1	-1.7283456	0.04236667	1
VAMP4	-1.0115729	0.03783331	1	-0.6991595	0.01952036	1
VAMP5	-1.7832897	0.0424998	1	-2.631104	5.95E-05	1
VAMP7	1.23711384	0.04425784	1	1.28355682	0.00607444	1
VAMP8	-0.9935111	0.22517768	1	-2.8812145	1.14E-08	0.00031429
VANGL1	-2.397533	0.30675406	1	-0.6950721	0.62139346	1
VANGL2	0.27443917	1	1	1.26303441	1	1
VAPA	-0.4804265	0.39000653	1	-0.7023293	0.00652644	1
VAPB	0.56077789	0.09948637	1	1.37315059	0.00246502	1
VARS	0.53574908	0.78204296	1	-0.176293	0.26646927	1
VARS2	-8.3411401	0.36779564	1	-7.5021621	0.26373073	1
VASH1	-3.3257043	0.24755874	1	1.27953109	0.52223338	1
VASH2	-7.7595157	0.36779564	1	-8.2415741	0.1958879	1
VASN	-8.8775257	0.19965135	1	1.26303441	1	1
VASP	-0.6647766	0.11140591	1	-0.9101965	0.00546361	1
VAT1	-1.0557517	0.15016898	1	-0.6238376	0.16001458	1
VAT1L	8.47283533	0.2752184	1	1.41048929	0.52223338	1
VAV1	-0.069604	0.66961153	1	0.04396059	0.71827581	1
VAV2	1.04515062	0.02079852	1	0.31238898	0.23359298	1
VAV3	0.18775821	0.19862844	1	0.76737431	8.70E-05	1
VAX2	-7.4451245	0.36779564	1	1.26303441	1	1
VBP1	0.54680893	0.36458609	1	-0.3236203	0.87928304	1

VCAM1	0.27443917	1	1	1.26303441	1	1
VCAN	-7.4451245	0.36779564	1	-8.303832	0.1958879	1
VCL	-0.2409656	0.93027807	1	-0.013217	0.53773765	1
VCP	-0.8700102	0.0766546	1	-1.2880229	9.79E-05	1
VCPIP1	0.15913049	0.67946845	1	0.62067439	0.38637025	1
VCPKMT	-1.2029424	0.1392016	1	0.60775381	0.72552028	1
VDAC1	0.65037756	0.4625519	1	-0.2388495	0.24938761	1
VDAC2	-0.7150657	0.77095516	1	-1.4660375	0.00226259	1
VDAC3	-0.1197018	0.96644848	1	-1.1107424	0.00424776	1
VDR	-8.6712663	0.19965135	1	-7.9353874	0.1958879	1
VEGFA	-1.9086606	0.02717859	1	0.48985332	0.82595901	1
VEGFB	-0.4073711	0.89448096	1	-1.8069879	0.0080774	1
VEGFC	0.27443917	1	1	1.26303441	1	1
VEGFD	-7.0684566	0.36779564	1	1.26303441	1	1
VENTX	0.27443917	1	1	1.26303441	1	1
VEPH1	0.27443917	1	1	1.26303441	1	1
VEZF1	-0.4074601	0.68833742	1	-0.527728	0.13909217	1
VEZT	0.15803888	0.66479337	1	0.42583531	0.16976565	1
VGF	1.33769152	0.50164502	1	2.60059283	0.0451437	1
VGLL1	0.27443917	1	1	1.26303441	1	1
VGLL3	0.27443917	1	1	1.26303441	1	1
VGLL4	-0.2659152	0.54446695	1	-0.0781106	0.9116148	1
VHL	-0.4507165	0.90389265	1	-0.8148582	0.29866937	1
VIL1	-1.4499927	0.24123337	1	-1.8627892	0.31541498	1
VILL	0.27443917	1	1	1.26303441	1	1
VIM	-0.5034361	0.14904262	1	-1.5769086	3.37E-20	9.30E-16
VIPAS39	0.78103107	0.34698712	1	0.37891142	0.30728477	1
VIPR1	10.293593	0.05637677	1	1.97927148	0.41884747	1
VIPR2	0.11623707	0.23586417	1	-1.2605803	0.44632426	1
VIRMA	-0.0661686	0.82977889	1	-0.0293551	0.70215848	1
VIT	-9.0265537	0.19965135	1	1.26303441	1	1
VKORC1	-0.5014882	0.56020917	1	-0.6771537	0.41458078	1
VKORC1L1	0.03809352	0.3046679	1	-0.0138694	0.77845603	1
VLDLR	0.27443917	1	1	1.26303441	1	1
VMA21	-1.4791803	0.2156685	1	-2.2105386	0.00286342	1
VMAC	-8.6996371	0.36779564	1	-6.3223673	0.52259551	1
VMO1	-3.6479296	0.00083566	1	-5.0445224	5.66E-10	1.56E-05
VMP1	-0.9484925	0.00534641	1	-0.6021783	0.0355768	1
VOPP1	0.21027568	0.985987	1	-0.0459588	0.71242142	1
VPREB3	0.27443917	1	1	-7.4509909	0.52259551	1
VPS11	-0.3177607	0.551845	1	-0.1054197	0.71454584	1
VPS13A	0.10964391	0.47670711	1	0.53294528	0.0607018	1
VPS13B	-0.2886713	0.09646223	1	0.29238375	0.01826406	1

VPS13C	0.04268122	0.86213973	1	0.44597365	0.06573923	1
VPS13D	-0.6195873	0.02490831	1	-0.1897145	0.43388981	1
VPS16	-0.2281416	0.87204632	1	0.09960415	0.71725369	1
VPS18	-0.6961984	0.84137633	1	-1.3058649	0.72524049	1
VPS25	1.08660537	0.28849851	1	-0.166908	0.50894466	1
VPS26A	0.02098185	0.85360148	1	0.36913544	0.17196627	1
VPS26B	1.25323228	0.51147027	1	-1.6303782	0.17737601	1
VPS26C	-0.4030082	0.67844385	1	-0.2083439	0.82509175	1
VPS28	-0.1924285	0.77235395	1	-1.3952934	0.00038949	1
VPS29	-0.1077203	0.67145109	1	-1.2282856	0.00279138	1
VPS33A	-0.1865856	0.81717694	1	0.44439933	0.33693195	1
VPS33B	0.59382804	0.32902818	1	-0.2839113	0.97931599	1
VPS35	0.34160911	0.58434032	1	-0.4079596	0.33206006	1
VPS35L	-0.4421003	0.69278893	1	0.36652429	0.30560708	1
VPS36	0.08719803	0.86345883	1	-1.0315647	0.01948181	1
VPS37A	0.01750778	0.86463594	1	0.14575662	0.79626178	1
VPS37B	-0.0533786	0.81951224	1	0.51434643	0.25782423	1
VPS37C	-8.4846494	0.19965135	1	1.26303441	1	1
VPS37D	0.27443917	1	1	1.26303441	1	1
VPS39	-0.3774958	0.61610091	1	0.36698791	0.2491984	1
VPS41	-0.3458109	0.81917277	1	0.24676773	0.51743341	1
VPS45	-0.2723995	0.59053652	1	-0.1797377	0.69354539	1
VPS4A	0.41094271	0.36203404	1	-0.0410952	0.87466446	1
VPS4B	0.69235537	0.05110736	1	-0.0190255	0.59781093	1
VPS50	0.0186492	0.91558265	1	0.74104465	0.20407154	1
VPS51	-0.3859024	0.91204347	1	-0.2265549	0.79118646	1
VPS52	-0.2458866	0.79135332	1	0.76855138	0.16129767	1
VPS53	-0.4715163	0.27641627	1	-0.135532	0.82513438	1
VPS54	-0.8895499	0.10482646	1	-0.1387669	0.5658617	1
VPS72	-9.869814	0.06784723	1	-10.91537	0.00505186	1
VPS8	0.17669116	0.14925958	1	0.46059962	0.01016145	1
VPS9D1	-0.2496795	0.78434173	1	-0.8208655	0.2916338	1
VRK1	-0.6568228	0.11718947	1	-0.6359593	0.0326747	1
VRK2	-0.3175286	0.54532821	1	0.28745262	0.15405197	1
VRK3	0.86440461	0.23775369	1	0.64643627	0.39178681	1
VRTN	0.27443917	1	1	1.26303441	1	1
VSIG1	8.68570995	0.2752184	1	-0.8239358	0.29509127	1
VSIG10	0.27443917	1	1	-7.9053432	0.52259551	1
VSIG10L	0.27443917	1	1	1.26303441	1	1
VSIG10L2	0.27443917	1	1	1.26303441	1	1
VSIG2	0.27443917	1	1	1.26303441	1	1
VSIG4	0.27443917	1	1	-8.5590351	0.11188911	1
VSIG8	0.69234922	0.77251117	1	0.09814154	0.77167635	1

VSIR	0.32724813	0.53064643	1	1.47594281	0.06465417	1
VSNL1	0.27443917	1	1	1.26303441	1	1
VSTM1	-1.144593	0.41260835	1	2.28391884	0.8783593	1
VSTM2B	0.27443917	1	1	1.26303441	1	1
VSTM2L	-2.3257077	0.90231962	1	-0.2735182	0.52790957	1
VSTM4	0.33791162	0.89260809	1	0.89728038	0.52790957	1
VSTM5	-1.5317969	0.5506235	1	1.50295874	0.36250784	1
VSX1	0.27443917	1	1	1.26303441	1	1
VSX2	-7.7327498	0.36779564	1	1.26303441	1	1
VTA1	-0.9567298	0.14763729	1	-0.4914014	0.44085999	1
VTCN1	-7.4703458	0.36779564	1	-6.5171338	0.52259551	1
VTI1A	-0.1271689	0.79647659	1	0.3157947	0.13262517	1
VTI1B	-0.1198603	0.30276998	1	-0.2983854	0.02276103	1
VTN	0.27443917	1	1	1.26303441	1	1
VWA1	0.27443917	1	1	1.26303441	1	1
VWA2	0.27443917	1	1	1.26303441	1	1
VWA3A	-8.4365745	0.36779564	1	-9.7767452	0.06553217	1
VWA3B	-1.593074	0.19279889	1	-0.6037831	0.6330173	1
VWA5A	-0.8488541	0.75508885	1	-0.5289507	0.58626869	1
VWA5B1	0.27443917	1	1	1.26303441	1	1
VWA5B2	0.27443917	1	1	1.26303441	1	1
VWA7	8.58621661	0.2752184	1	0.54958679	0.88397598	1
VWA8	0.46478334	0.20495533	1	0.72000538	0.04262009	1
VWC2	0.26659544	0.90231962	1	0.49648102	0.52790957	1
VWC2L	0.27443917	1	1	1.26303441	1	1
VWCE	0.27443917	1	1	1.26303441	1	1
VWF	-0.8785833	0.66794153	1	-0.2116279	0.7415245	1
VXN	0.27443917	1	1	1.26303441	1	1
WAC	-0.2329796	0.26537401	1	0.04313643	0.73720653	1
WAPL	0.27378509	0.26952372	1	0.1142026	0.40838019	1
WARS	-0.9404494	0.1045635	1	-0.1411281	0.68050421	1
WARS2	0.18333665	0.67953452	1	0.34209719	0.34815863	1
WAS	0.26856045	0.72414887	1	-0.7356425	0.07020019	1
WASF1	-9.4429004	0.19965135	1	-8.50027	0.3629285	1
WASF2	0.0559258	0.74038053	1	0.50077979	0.01386512	1
WASF3	0.27443917	1	1	-6.9070229	0.52259551	1
WASHC1	-0.4912639	0.68511903	1	-0.2219083	0.92021757	1
WASHC3	0.90426572	0.02579137	1	-0.3275905	0.24473443	1
WASHC4	-0.5357966	0.4446626	1	0.18388753	0.43561383	1
WASHC5	0.20978887	0.56131657	1	0.41975335	0.25802478	1
WASL	0.10657484	0.47935119	1	0.07780584	0.66952715	1
WBP1	0.05512909	0.97656842	1	-0.7256765	0.92400929	1
WBP11	-0.2717651	0.73390207	1	-0.5780376	0.42169321	1

WBP1L	0.24204078	0.3976736	1	0.39411759	0.28430538	1
WBP2	-1.0133618	0.06387783	1	-1.1906021	0.00523442	1
WBP2NL	-6.7100151	0.36779564	1	1.26303441	1	1
WBP4	-0.2360052	0.70232429	1	-0.2718335	0.376598	1
WDCP	8.16905582	0.2752184	1	-1.1188546	0.49657976	1
WDFY1	-0.3140246	0.94468546	1	0.21078902	0.41954902	1
WDFY2	0.58392401	0.05603022	1	1.03062398	0.0002435	1
WDFY3	-0.3447554	0.05957807	1	1.03401841	0.94017333	1
WDFY4	-1.0119261	0.10688986	1	-1.1544875	0.14700019	1
WDHD1	-0.588236	0.29134994	1	0.09521571	0.37595387	1
WDPCP	-0.6420971	0.31990468	1	0.25715963	0.29760867	1
WDR1	0.20334148	0.46562147	1	0.45520847	0.41511247	1
WDR11	0.11066012	0.64086458	1	0.39065116	0.42678103	1
WDR12	-1.0505932	0.79002376	1	-1.0125035	0.09637509	1
WDR13	0.07690066	0.76296425	1	0.59869692	0.58423664	1
WDR17	0.27443917	1	1	1.26303441	1	1
WDR18	-9.0248848	0.11486391	1	-9.5385696	0.05042498	1
WDR19	0.39902576	0.33251002	1	0.97828199	0.04881203	1
WDR20	-0.0055636	0.89508918	1	0.98061621	0.03075406	1
WDR24	-3.0444423	0.15081145	1	-2.0139103	0.22537795	1
WDR25	-0.2147884	0.69485287	1	1.51060712	0.08178315	1
WDR26	0.14782666	0.19092263	1	0.52342798	0.02336323	1
WDR27	0.20225926	0.91549171	1	0.63546161	0.3457987	1
WDR3	0.26473241	0.25806714	1	0.74476979	0.12244351	1
WDR31	-7.6706472	0.36779564	1	1.26303441	1	1
WDR33	0.26169647	0.36907933	1	0.29834049	0.25784138	1
WDR34	1.13507321	0.32976659	1	0.70773692	0.46350259	1
WDR35	0.24802956	0.54420054	1	1.10297674	0.08815521	1
WDR36	0.00219272	0.5047697	1	-0.375526	0.67675842	1
WDR37	-0.1462353	0.76180437	1	0.25829794	0.14570099	1
WDR38	0.27443917	1	1	-7.9338536	0.3629285	1
WDR4	0.07555495	0.40512218	1	1.04176769	0.08965408	1
WDR41	-0.6449394	0.49578643	1	0.3417033	0.61189995	1
WDR43	-0.348903	0.24262428	1	0.0622825	0.93549297	1
WDR44	0.01988622	0.47467256	1	0.50097334	0.54674524	1
WDR45	1.36028947	0.12000471	1	-1.1392525	0.04848165	1
WDR45B	-0.6306556	0.47480078	1	1.02743186	0.14620707	1
WDR46	-0.1042963	0.72828484	1	-0.7509918	0.26741635	1
WDR47	0.64587547	0.17835822	1	0.07240394	0.67813158	1
WDR48	0.73645922	0.1556106	1	0.78762849	0.07216948	1
WDR49	-7.8976829	0.36779564	1	-7.2311527	0.52259551	1
WDR5	-0.3967239	0.65379415	1	-0.3730156	0.36536954	1
WDR53	9.17195259	0.12052946	1	0.02785648	0.84569608	1

WDR54	0.65231689	0.82075644	1	-2.0248632	0.12666036	1
WDR55	-2.220879	0.67317602	1	-2.8590145	0.10210002	1
WDR59	0.96138578	0.00518582	1	1.15467537	0.00540283	1
WDR5B	0.84480641	0.45738523	1	2.76363111	0.15660079	1
WDR6	0.40764481	0.26921505	1	0.80412936	0.30041236	1
WDR60	0.34792863	0.34599293	1	1.05282365	0.00244666	1
WDR61	1.04826994	0.67519007	1	-0.2747753	0.3464372	1
WDR62	-0.0237743	0.54514591	1	1.13040353	0.14787237	1
WDR63	-4.7533651	5.14E-06	0.14193645	-2.6069819	0.02373728	1
WDR64	0.27443917	1	1	-8.6367054	0.26373073	1
WDR66	3.11537448	0.11273814	1	1.52017899	0.04558626	1
WDR7	0.08143891	0.48204844	1	0.51950895	0.01334999	1
WDR70	-0.6973337	0.01401765	1	0.11377541	0.96738723	1
WDR72	0.27443917	1	1	1.26303441	1	1
WDR73	-0.3197446	0.48086476	1	0.5509321	0.89382167	1
WDR74	0.45295034	0.79889651	1	-0.4516235	0.11813039	1
WDR75	-0.0576347	0.89677693	1	0.19785036	0.33799313	1
WDR76	0.46090676	0.32902818	1	-0.28764	0.89633501	1
WDR77	0.98100118	0.32425377	1	2.69428459	0.00429416	1
WDR78	-0.4160185	0.83962343	1	-0.0555971	0.49073677	1
WDR81	0.20443225	0.81908362	1	-1.6695642	0.21853772	1
WDR82	-0.6252701	1	1	-0.4598358	0.86474628	1
WDR83	-0.4750796	0.9957419	1	-1.6103534	0.17651971	1
WDR83OS	-1.1038087	0.14396195	1	-2.7181029	2.03E-09	5.60E-05
WDR86	1.97260757	0.17855814	1	0.2406	0.59349356	1
WDR87	0.27443917	1	1	1.26303441	1	1
WDR88	0.27443917	1	1	-6.5373887	0.52259551	1
WDR89	0.66605682	0.16822162	1	-0.0420794	0.95165861	1
WDR90	-0.446517	0.85818915	1	-0.7291513	0.61483126	1
WDR91	-0.0425898	0.63596708	1	0.43341186	0.60043224	1
WDR92	-0.9724132	0.37418384	1	-0.9553418	0.21006448	1
WDR93	-0.0646891	0.68789913	1	-0.7862628	0.49338433	1
WDSUB1	-0.7576795	0.44329274	1	-0.1754562	0.98661535	1
WDTC1	0.14304585	0.8053185	1	0.24246551	0.68933519	1
WDYHV1	1.27032488	0.06111316	1	0.31857034	0.46112067	1
WEE1	-1.1649047	0.37062913	1	-1.6876254	0.25456959	1
WEE2	-1.2214272	0.90231962	1	8.49087321	0.12281968	1
WFDC1	0.27443917	1	1	1.26303441	1	1
WFDC11	0.27443917	1	1	1.26303441	1	1
WFDC2	-9.3760201	0.19965135	1	-9.6746222	0.08544191	1
WFDC3	0.27443917	1	1	-5.9768042	0.52259551	1
WFDC5	0.27443917	1	1	1.26303441	1	1
WFDC8	0.27443917	1	1	1.26303441	1	1

WFIKKN1	0.53612227	0.51164527	1	2.85763603	0.04448556	1
WFS1	0.71130711	0.0809049	1	0.74290825	0.28349973	1
WHAMM	-0.0595428	0.87754356	1	0.43795714	0.66722872	1
WHRN	-0.156952	0.95315705	1	0.13500432	0.93997308	1
WIF1	-6.7100151	0.36779564	1	1.26303441	1	1
WIPF1	-0.3803302	0.26070501	1	-0.1782016	0.58226125	1
WIPF2	-0.6120462	0.48162566	1	-0.1341417	0.36622214	1
WIPF3	9.01425535	0.12052946	1	-0.5092433	0.95888601	1
WIPI1	-0.0446136	0.75281706	1	0.84079522	0.34606968	1
WIPI2	-0.6312838	0.74937563	1	-0.2452791	0.86508457	1
WIZ	2.94343726	0.22569004	1	1.30299948	0.9419282	1
WLS	-2.2579194	0.0648169	1	-1.273955	0.25966609	1
WNK1	0.04900019	0.86417923	1	0.13451002	0.81584409	1
WNK2	0.27443917	1	1	1.26303441	1	1
WNK3	0.27443917	1	1	-3.4307288	0.52259551	1
WNK4	0.27443917	1	1	-6.8796385	0.52259551	1
WNT1	0.27443917	1	1	1.26303441	1	1
WNT10A	-5.9776946	0.36779564	1	1.26303441	1	1
WNT10B	0.27443917	1	1	1.26303441	1	1
WNT11	0.27443917	1	1	1.26303441	1	1
WNT16	0.27443917	1	1	1.26303441	1	1
WNT2	0.27443917	1	1	1.26303441	1	1
WNT2B	7.36256092	0.2752184	1	8.35115616	0.12281968	1
WNT3	9.25322018	0.2752184	1	2.17940133	0.8783593	1
WNT3A	0.27443917	1	1	1.26303441	1	1
WNT4	7.34125167	0.2752184	1	-0.7385972	0.88397598	1
WNT5A	0.27443917	1	1	-4.4025832	0.52259551	1
WNT5B	-5.4928051	0.36779564	1	1.26303441	1	1
WNT6	0.27443917	1	1	1.26303441	1	1
WNT7A	0.27443917	1	1	1.26303441	1	1
WNT7B	0.27443917	1	1	1.26303441	1	1
WNT8A	0.27443917	1	1	1.26303441	1	1
WNT8B	-6.8982058	0.19965135	1	-4.2369282	0.52259551	1
WNT9A	2.44946422	0.83770648	1	1.2841415	0.80410677	1
WRAP53	-3.1533502	0.05876115	1	-1.9629941	0.17368463	1
WRAP73	1.29097062	0.45738523	1	0.07135429	0.63656557	1
WRB	-0.9778041	0.46277583	1	-1.2113026	0.07704607	1
WRN	-0.4444701	0.113752	1	-0.0776044	0.81705469	1
WRNIP1	-0.4915429	0.73770459	1	0.4089117	0.45501826	1
WSB1	-0.3048035	0.88886861	1	-0.0917214	0.95016678	1
WSB2	-1.5344588	0.1347194	1	-0.5676854	0.34578035	1
WSCD1	0.75792382	0.23424575	1	1.4927179	0.0472097	1
WSCD2	0.27443917	1	1	1.26303441	1	1

WT1	0.27443917	1	1	1.26303441	1	1
WTAP	0.10199202	0.46687905	1	-0.1895584	0.39770208	1
WTIP	0.27443917	1	1	1.26303441	1	1
WWC1	-8.6036678	0.19965135	1	-10.10629	0.06553217	1
WWC2	-0.3746488	0.52186367	1	0.72468722	0.90596464	1
WWC3	1.25394405	0.04688241	1	1.45552462	0.03449852	1
WWOX	-0.8518816	0.3031651	1	0.22571771	0.15701486	1
WWP1	0.28691745	0.16993127	1	0.56512167	0.02016545	1
WWP2	-0.1587816	0.34022004	1	0.15691141	0.92349335	1
WWTR1	9.41821199	0.2752184	1	2.25565748	0.8783593	1
XAB2	3.02103042	0.1729359	1	0.6970852	0.98238388	1
XAF1	-3.5068417	0.0579345	1	-1.7396655	0.64032309	1
XAGE3	0.27443917	1	1	1.26303441	1	1
XBP1	0.00431801	0.85926015	1	-1.3079864	0.00192217	1
XCL1	-0.8109292	0.28686408	1	-2.3078942	0.00683041	1
XCR1	0.27443917	1	1	1.26303441	1	1
XDH	0.27443917	1	1	1.26303441	1	1
XG	-8.9311969	0.19965135	1	-6.7985788	0.52259551	1
XIAP	0.25101323	0.4292522	1	0.12378418	0.30029399	1
XIRP2	2.27958095	0.11815455	1	3.7900389	0.01263738	1
XK	-8.4305738	0.19965135	1	-5.5899638	0.52259551	1
XKR3	0.27443917	1	1	1.26303441	1	1
XKR4	0.27443917	1	1	1.26303441	1	1
XKR5	-7.4059083	0.36779564	1	1.26303441	1	1
XKR6	0.52104227	0.27831474	1	1.03164105	0.00742761	1
XKR7	0.27443917	1	1	1.26303441	1	1
XKR8	-8.5981645	0.36779564	1	-7.0586972	0.3629285	1
XKR9	0.27443917	1	1	1.26303441	1	1
XKRX	0.27443917	1	1	1.26303441	1	1
XPA	0.37947529	0.89363767	1	-0.4472922	0.15184785	1
XPC	-0.0122094	0.74751629	1	-0.2813209	0.37198331	1
XPNPEP1	-0.475785	0.48956657	1	-0.1013569	0.99216449	1
XPNPEP2	0.27443917	1	1	-6.2981694	0.52259551	1
XPNPEP3	0.76693908	0.1297006	1	1.59224764	0.02008025	1
XPO1	-0.1509466	0.76385613	1	0.24456433	0.19584431	1
XPO4	-0.2567152	0.96025167	1	0.4730614	0.01994683	1
XPO5	-0.5691609	0.79580069	1	-0.1372977	0.86918741	1
XPO6	0.34811782	0.26043513	1	0.47741451	0.05758444	1
XPO7	-0.9566004	0.00649691	1	-0.6398827	0.01962971	1
XPOT	-0.3867871	0.7519559	1	-0.0873243	0.9711328	1
XPR1	0.01743376	0.85466702	1	0.44615392	0.16204621	1
XRCC1	0.62536194	0.16335728	1	-0.2822242	0.67907412	1
XRCC2	0.27443917	1	1	-6.7677968	0.52259551	1

XRCC3	-6.3243319	0.36779564	1	-7.9704931	0.52259551	1
XRCC4	-0.0528903	0.87379687	1	0.17179845	0.70700861	1
XRCC5	-0.4604836	0.109693	1	-0.3871722	0.15998081	1
XRCC6	-0.165619	0.95281367	1	-0.2286824	0.13259643	1
XRN1	-0.2855261	0.19127049	1	0.52995615	0.00376456	1
XRN2	-0.463944	0.03085507	1	-0.1472281	0.31439866	1
XRRA1	-2.3697175	0.05959756	1	-2.2301157	0.10515972	1
XXYLT1	-0.7032668	0.4650944	1	0.85558867	0.15291446	1
XYLB	0.95127816	0.3513473	1	0.41084167	0.09457521	1
XYLT1	0.44641878	0.19520994	1	1.04934824	0.00134701	1
XYLT2	0.52975992	0.76296425	1	1.40555818	0.23703449	1
YAE1	1.37503347	0.89260809	1	-2.2246634	0.48702665	1
YAF2	0.27980809	0.26195243	1	0.36973644	0.30012083	1
YAP1	10.403321	0.05637677	1	11.3919162	0.00720402	1
YARS	-0.4911935	0.86860716	1	-0.0164249	0.78770033	1
YARS2	-0.4063794	0.95783674	1	-0.9696046	0.10845768	1
YBEY	0.50374766	0.85135027	1	-0.8631247	0.32773255	1
YBX1	0.43453157	0.08376355	1	-1.0988888	1.27E-05	0.35086558
YBX2	0.27443917	1	1	1.26303441	1	1
YBX3	-0.874036	0.93445604	1	-1.6094273	0.05196966	1
YDJC	1.53300047	0.8024585	1	-1.822799	0.02360749	1
YEATS2	-0.2528935	0.80407721	1	0.32214795	0.20772885	1
YEATS4	-0.9704181	0.87876749	1	-1.1608845	0.40990807	1
YES1	-1.2237018	0.04846511	1	0.45601865	0.5347068	1
YIF1A	-1.4771362	0.44507282	1	-2.426362	0.00548824	1
YIF1B	-0.8634416	0.4226224	1	-1.1085061	0.13801886	1
YIPF1	-0.6273306	0.6565863	1	0.22716303	0.97150599	1
YIPF2	-0.8555076	0.16212246	1	-0.5884371	0.2864076	1
YIPF3	-0.1400662	0.2609306	1	-1.0990627	0.36196253	1
YIPF4	-1.1012499	0.44046599	1	-0.896685	0.16988894	1
YIPF5	-1.1404092	0.18671463	1	-1.2389443	0.05533508	1
YIPF6	-1.0737556	0.17472859	1	-0.6807129	0.40701188	1
YIPF7	2.145951	0.22904601	1	11.4669712	0.00720402	1
YJEFN3	0.27443917	1	1	-3.4307288	0.52259551	1
YJU2	-1.7435894	0.31264582	1	-1.0587992	0.33024194	1
YKT6	0.5621809	0.75870978	1	-0.8092498	0.32257315	1
YLPM1	0.06942746	0.23866535	1	-0.0546931	0.35904264	1
YME1L1	-0.8606893	0.01615719	1	-0.1039869	0.81928402	1
YOD1	-2.5451867	0.09886723	1	-0.1223107	0.6070784	1
YPEL1	-0.3596547	0.71965391	1	0.47474114	0.54874392	1
YPEL2	-0.3227938	0.89253473	1	-0.129618	0.80280252	1
YPEL3	0.20395946	0.39990291	1	-1.0637993	0.002116	1
YPEL4	-0.4085935	0.80601313	1	-1.2028774	0.45353446	1

YPEL5	-0.0475175	0.46070284	1	-0.3881548	0.05104604	1
YRDC	-0.4660299	0.57523406	1	-0.2400594	0.61906339	1
YTHDC1	0.64995126	0.05431934	1	0.55830331	0.05934166	1
YTHDC2	-0.2501896	0.37165411	1	0.15226805	0.57358105	1
YTHDF1	-0.5689883	0.74213745	1	-0.4813112	0.785255	1
YTHDF2	0.02435157	0.63440919	1	0.45911066	0.1756624	1
YTHDF3	-0.0630747	0.4412034	1	0.5605892	0.15494849	1
YWHAB	-0.4036451	0.20084873	1	-1.3345192	2.87E-07	0.00791709
YWHAE	-0.1499799	0.66579767	1	-0.0632524	0.99212368	1
YWHAG	0.38520807	0.26428718	1	-0.5871984	0.21823447	1
YWHAH	-1.2815371	0.01148143	1	-1.9639289	8.03E-07	0.0221714
YWHAQ	-0.7636124	0.63895113	1	-0.4348493	0.03095461	1
YWHAZ	-0.0106536	0.88986912	1	-0.1277233	0.51787665	1
YY1	-0.1579537	0.98811912	1	-0.3819581	0.07499668	1
YY1AP1	-0.5072121	0.73544378	1	1.26482877	0.44375151	1
YY2	0.27443917	1	1	1.26303441	1	1
ZADH2	1.64250052	0.10772951	1	-0.5721109	0.24014523	1
ZAN	0.27443917	1	1	1.26303441	1	1
ZAR1	-3.2185792	0.24755874	1	-2.2107873	0.48386448	1
ZAR1L	0.27443917	1	1	1.26303441	1	1
ZBBX	-9.0003198	0.19965135	1	1.26303441	1	1
ZBED1	-0.6960554	0.45943696	1	-0.4204131	0.46907499	1
ZBED2	0.27443917	1	1	-6.9854285	0.26373073	1
ZBED3	0.27443917	1	1	-6.4479441	0.26373073	1
ZBED4	-0.4321031	0.71875887	1	-0.8819576	0.41329026	1
ZBED6	0.34735655	0.969033	1	0.01551672	0.84835263	1
ZBED6CL	-7.801013	0.36779564	1	-6.3041129	0.52259551	1
ZBED8	4.03072242	0.22569004	1	1.84554277	0.2607118	1
ZBED9	0.27443917	1	1	1.26303441	1	1
ZBP1	-2.5004024	0.09365397	1	-0.5826487	0.86121563	1
ZBTB1	-0.0789892	0.85054377	1	-0.0611538	0.58922827	1
ZBTB10	-1.0756326	0.20663536	1	0.62443659	0.1394746	1
ZBTB11	-0.5231616	0.88962041	1	-0.1414603	0.78932027	1
ZBTB12	0.27443917	1	1	1.26303441	1	1
ZBTB14	-0.167549	0.80601313	1	-0.6789481	0.35207983	1
ZBTB16	-0.0495755	0.20740534	1	0.78801171	0.33476963	1
ZBTB17	-1.0034572	0.48103646	1	-0.6335051	0.38076848	1
ZBTB18	-0.6126152	0.93912831	1	-0.6389844	0.58089264	1
ZBTB2	-0.5451288	0.43934639	1	0.3348283	0.98433669	1
ZBTB21	0.62564521	0.08618483	1	2.35423487	0.00335167	1
ZBTB22	0.27443917	1	1	1.26303441	1	1
ZBTB24	1.89001189	0.0610404	1	1.04740297	0.20401184	1
ZBTB25	-2.5068532	0.03716764	1	-1.3223705	0.40258853	1

ZBTB26	-0.202574	0.82464385	1	0.03514617	0.61520584	1
ZBTB3	0.99077599	0.89260809	1	-0.1631124	0.85064705	1
ZBTB32	-6.5132161	0.36779564	1	-5.5899638	0.52259551	1
ZBTB33	-1.3141511	0.63657419	1	-0.3962064	0.87008716	1
ZBTB34	-0.7561077	0.84137633	1	-0.8666255	0.50219532	1
ZBTB37	1.07484013	0.31385869	1	1.54871572	0.0145249	1
ZBTB38	0.00411195	0.97674547	1	0.18187013	0.85737831	1
ZBTB39	-6.5132161	0.36779564	1	-9.2483905	0.1474095	1
ZBTB4	-0.3538637	0.79076873	1	-0.2938598	0.77355735	1
ZBTB40	-0.2180671	0.76669509	1	-0.1906526	0.85865756	1
ZBTB41	1.79887373	0.12520452	1	0.49396165	0.52326656	1
ZBTB42	0.27443917	1	1	1.26303441	1	1
ZBTB43	-0.4241375	0.89331609	1	-0.3327931	0.51684837	1
ZBTB44	-0.5449179	0.47740848	1	-0.0696969	0.61684325	1
ZBTB45	-6.3243319	0.36779564	1	-7.4691852	0.3629285	1
ZBTB46	2.32835177	0.0224795	1	2.99091949	0.00408266	1
ZBTB47	-9.0131259	0.19965135	1	-8.4945786	0.3629285	1
ZBTB48	-1.1703238	0.31932082	1	-0.1794222	0.74732019	1
ZBTB49	-0.9523494	0.4699655	1	-1.1013273	0.40258853	1
ZBTB5	-0.2098126	0.73111606	1	-0.0290089	0.86965497	1
ZBTB6	-0.0535097	0.82464385	1	-0.2510003	0.97015993	1
ZBTB7A	-0.2094694	0.82427931	1	-0.3524788	0.50543704	1
ZBTB7B	-0.3394333	0.39958324	1	0.09756984	0.81817441	1
ZBTB7C	-7.8820648	0.36779564	1	1.26303441	1	1
ZBTB8A	-0.8088984	0.88400032	1	-1.2442973	0.82128613	1
ZBTB8B	0.27443917	1	1	1.26303441	1	1
ZBTB8OS	0.18443683	0.93168592	1	0.25818307	0.6799236	1
ZBTB9	-8.1784445	0.36779564	1	-7.6232361	0.3629285	1
ZC2HC1A	0.91387674	0.11397922	1	-1.259683	0.21381832	1
ZC2HC1B	7.06868348	0.2752184	1	-1.6195619	0.8409801	1
ZC2HC1C	6.80268521	0.2752184	1	-0.3509876	0.52790957	1
ZC3H10	0.96145551	0.84452255	1	0.9236161	0.82202434	1
ZC3H11A	-0.4152725	0.34238878	1	0.32527207	0.42050147	1
ZC3H12A	-0.1001046	0.82173529	1	-0.0040847	0.78230223	1
ZC3H12B	-0.2013927	0.94645658	1	0.33959155	0.24800023	1
ZC3H12C	0.27443917	1	1	-7.6696846	0.3629285	1
ZC3H12D	0.43169115	0.97188389	1	-0.254948	0.42453427	1
ZC3H13	-0.4677539	0.2970729	1	0.02417517	0.93528469	1
ZC3H14	-0.416269	0.64563871	1	-0.1497576	0.59231487	1
ZC3H15	-0.6737429	0.38680955	1	-1.640003	0.00063452	1
ZC3H18	-0.2555491	0.73045645	1	0.27861838	0.45729354	1
ZC3H3	0.28202435	0.27754334	1	0.29216596	0.48379063	1
ZC3H4	0.68302482	0.49471108	1	0.51951577	0.6493547	1

ZC3H6	-0.3191934	0.27375413	1	-0.3701342	0.18563492	1
ZC3H7A	0.58687986	0.07963993	1	0.10172122	0.47774986	1
ZC3H7B	-0.9706921	0.13229224	1	-0.2799251	0.50181476	1
ZC3H8	1.44083094	0.34086262	1	0.07692816	0.84689529	1
ZC3HAV1	0.29635766	0.12577941	1	0.51330386	0.00363453	1
ZC3HAV1L	8.29532031	0.2752184	1	9.28391554	0.12281968	1
ZC3HC1	-0.6542624	0.66317524	1	-0.0996957	0.96949649	1
ZC4H2	0.31948798	0.98140957	1	0.97997885	0.61403984	1
ZCCHC10	-0.4702246	0.56833374	1	0.03980225	0.94481356	1
ZCCHC12	0.27443917	1	1	1.26303441	1	1
ZCCHC14	-0.2556719	0.63789658	1	-0.0867443	0.90564237	1
ZCCHC17	0.04251635	0.4914952	1	-0.620133	0.21279084	1
ZCCHC18	-0.9841659	0.90231962	1	-1.3455558	0.8409801	1
ZCCHC2	0.16304449	0.34299886	1	0.57512993	0.01859258	1
ZCCHC24	0.54232763	0.51164527	1	0.32004314	0.27157795	1
ZCCHC3	-0.6696102	0.10003354	1	-0.4612052	0.17871933	1
ZCCHC4	0.25224966	0.23586417	1	-0.4198245	0.73880222	1
ZCCHC7	0.15759735	0.82970309	1	0.17154563	0.64193834	1
ZCCHC8	-0.8232621	0.76753255	1	-0.9349561	0.10166185	1
ZCCHC9	-0.4923883	1	1	-0.8978664	0.09823542	1
ZCRB1	0.06494189	0.19789659	1	-0.8585125	0.0055257	1
ZCWPW1	-0.5291955	0.80862687	1	1.16427399	0.82202434	1
ZCWPW2	0.27443917	1	1	1.26303441	1	1
ZDBF2	-0.3751565	0.6678026	1	0.50549624	0.45677986	1
ZDHHC1	0.27443917	1	1	-6.610965	0.52259551	1
ZDHHC12	-0.8553954	0.5506235	1	-2.2451301	0.01982184	1
ZDHHC13	-0.3652017	0.95315705	1	-0.3672234	0.93366233	1
ZDHHC14	-0.957176	0.02689281	1	0.70596566	0.22850235	1
ZDHHC15	0.15644977	0.81353247	1	-0.4050003	0.97329975	1
ZDHHC16	0.45125708	0.53118642	1	0.11514902	0.90840438	1
ZDHHC17	0.57530549	0.21639518	1	0.31217622	0.54783858	1
ZDHHC18	-0.6613638	0.23754241	1	-0.0063283	0.64141825	1
ZDHHC19	0.27443917	1	1	-7.5673961	0.3629285	1
ZDHHC2	-1.3665075	0.31868435	1	-1.2675218	0.20578726	1
ZDHHC20	0.24153901	0.45201774	1	0.91446314	0.03512281	1
ZDHHC21	-1.1344727	0.37819281	1	0.15071255	0.54628128	1
ZDHHC22	0.27443917	1	1	-6.6237736	0.52259551	1
ZDHHC23	0.27443917	1	1	1.26303441	1	1
ZDHHC24	-0.8036157	0.53587411	1	-1.589694	0.01886729	1
ZDHHC3	-1.1225392	0.02104334	1	-0.5222824	0.02751209	1
ZDHHC4	-1.1827744	0.32838273	1	-0.0414097	0.88787827	1
ZDHHC5	-1.1793958	0.18253138	1	-1.0538012	0.02906663	1
ZDHHC6	-0.8853578	0.10831715	1	-0.2686326	0.49306352	1

ZDHHC7	-0.3521618	0.27754334	1	-0.835342	0.02434023	1
ZDHHC8	0.12797344	0.85135027	1	-1.0953594	0.61600544	1
ZDHHC9	9.86816492	0.12052946	1	1.51941297	0.82989806	1
ZEB1	0.19337402	0.15927703	1	0.75772568	7.26E-05	1
ZEB2	-1.7229541	0.00187998	1	-0.6822665	0.02006912	1
ZER1	-0.2155551	0.81467114	1	0.52552102	0.57856044	1
ZFAND1	1.97396458	0.02641597	1	0.10123539	0.47173023	1
ZFAND2A	-0.0326947	0.96144722	1	-0.9650166	0.05667965	1
ZFAND2B	-2.0916806	0.15345093	1	-2.1011918	0.1251074	1
ZFAND3	-0.3707047	0.07314863	1	0.18153072	0.08078742	1
ZFAND4	-0.7993834	0.88713619	1	-0.5463433	0.70038579	1
ZFAND5	0.00612756	0.96622568	1	-0.2095616	0.73816914	1
ZFAND6	-0.6872053	0.02899536	1	-0.1818273	0.38703755	1
ZFAT	0.28784435	0.5047697	1	0.23923463	0.4920004	1
ZFC3H1	0.31285	0.04436776	1	0.6666862	0.00102572	1
ZFHX2	-8.188527	0.11486391	1	-4.2111359	0.52259551	1
ZFHX3	0.71569551	0.43315745	1	0.65612357	0.30050457	1
ZFHX4	0.27443917	1	1	1.26303441	1	1
ZFP1	-0.5929063	0.82532256	1	1.79174819	0.04504231	1
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ZFP2	0.44838551	0.36434494	1	0.89023619	0.41864103	1
ZFP28	7.631984	0.2752184	1	0.94111063	0.52790957	1
ZFP3	2.23376777	0.11632685	1	-0.8798406	0.79939103	1
ZFP30	-0.1370956	0.6678026	1	0.9625745	0.33811029	1
ZFP36	-0.2731458	0.47736339	1	-2.1167422	1.08E-08	0.00029828
ZFP36L1	-0.4021064	0.77913416	1	-0.6146556	0.02150814	1
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ZFP37	-1.8667071	0.25400575	1	-2.0285021	0.13504805	1
ZFP41	2.30617234	0.83770648	1	1.48232711	0.59170527	1
ZFP42	0.27443917	1	1	1.26303441	1	1
ZFP57	0.27443917	1	1	1.26303441	1	1
ZFP62	0.05343893	0.78682126	1	-0.1556501	0.77167635	1
ZFP64	-0.6556171	0.5977892	1	0.36464552	0.73997328	1
ZFP69	-2.2310797	0.41260835	1	-0.498019	0.64825479	1
ZFP69B	0.27443917	1	1	-7.3142146	0.52259551	1
ZFP82	-1.1654161	0.59096111	1	-0.0424557	0.88786856	1
ZFP90	0.34918732	0.14827384	1	0.25558652	0.251855	1
ZFP91	-1.1913532	0.01847694	1	-0.7302138	0.05974962	1
ZFP92	-7.4529774	0.36779564	1	1.26303441	1	1
ZFPL1	-2.3951634	0.25076778	1	-2.1398856	0.13309512	1
ZFPM1	1.22903296	0.15591259	1	0.28224083	0.96684264	1
ZFPM2	-7.801013	0.36779564	1	-7.0501103	0.52259551	1
ZFR	-0.2625423	0.69192133	1	0.01370258	0.45344279	1

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ZFY	-0.3262449	0.5914479	1	-0.3779932	0.31714583	1
ZFYVE1	-0.46891	0.76712152	1	-0.1926456	0.87993434	1
ZFYVE16	-0.5047901	0.88867487	1	0.24156009	0.2709681	1
ZFYVE19	-8.9799573	0.19965135	1	-10.051979	0.03889469	1
ZFYVE21	0.08626171	0.53118642	1	-0.4993135	0.5828231	1
ZFYVE26	-0.5955296	0.362542	1	-0.2779669	0.27953184	1
ZFYVE27	-0.6242808	0.84083876	1	-0.5077014	0.25459056	1
ZFYVE28	0.85367276	0.34870716	1	-0.1248236	0.98241646	1
ZFYVE9	0.21914075	0.27723567	1	0.6366141	0.10331651	1
ZG16	2.55237987	0.45132853	1	-0.2906052	0.41458078	1
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ZGPAT	0.67659388	0.74599062	1	-1.0512072	0.03813605	1
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ZHX1	-1.8441541	0.09038609	1	-1.641005	0.04219393	1
ZHX2	-0.2970053	0.65761458	1	0.60152426	0.00446002	1
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ZIM3	0.27443917	1	1	1.26303441	1	1
ZKSCAN1	0.1772145	0.92003201	1	-0.0333263	0.7759029	1
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ZMAT1	-0.675917	0.9928423	1	0.02040416	0.48012575	1
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ZMIZ1	1.16020207	3.57E-05	0.98396202	1.89820719	2.75E-09	7.58E-05
ZMIZ2	-0.0597201	0.54542175	1	1.16088947	0.33217726	1
ZMPSTE24	0.02814791	0.39948351	1	0.32235044	0.34400598	1
ZMYM1	-3.8392295	0.02170799	1	-3.8257236	0.03667268	1
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ZMYM3	-1.6311037	0.67317602	1	-2.6052514	0.13212689	1
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ZMYM5	-0.3018508	0.75762964	1	0.44096889	0.10814926	1
ZMYM6	-0.0052825	0.71539401	1	0.40374994	0.66030416	1
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ZNF10	0.65909933	0.52434985	1	-1.2588014	0.2707852	1
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ZNF416	1.19309264	0.84452255	1	2.83822785	0.35926299	1
ZNF418	-2.8498407	0.67317602	1	-3.1804281	0.48386448	1
ZNF420	-0.7156037	0.60709424	1	-0.9247621	0.48054544	1
ZNF423	7.45795187	0.2752184	1	8.44654711	0.12281968	1
ZNF425	-0.1692006	0.51668413	1	-0.1069005	0.63072519	1
ZNF426	-1.2876652	0.80782233	1	-0.608406	0.99661997	1
ZNF428	0.79191429	0.69525145	1	-0.7670641	0.06985695	1

ZNF430	-0.4126364	0.65855149	1	-0.5478383	0.34617057	1
ZNF432	-1.0708778	0.32015878	1	-0.7043115	0.41359731	1
ZNF433	-0.7056618	0.56020917	1	-0.8128824	0.77369442	1
ZNF436	0.81211555	0.45738523	1	1.53834282	0.82595901	1
ZNF438	0.52455433	0.43094813	1	0.22043163	0.85537222	1
ZNF44	0.37019914	0.43948633	1	0.71972294	0.13465273	1
ZNF441	-0.0493144	0.99148393	1	0.29282499	0.74241965	1
ZNF444	0.26281431	0.5393955	1	1.02352536	0.25167536	1
ZNF445	1.38805536	0.06319954	1	0.42743248	0.41275999	1
ZNF446	-8.1310929	0.19965135	1	-9.5093001	0.06553217	1
ZNF449	-0.2410685	0.80862687	1	0.23205403	0.61483126	1
ZNF45	2.42081462	0.04516376	1	1.47812423	0.027	1
ZNF451	-0.383007	0.14720522	1	0.328638	0.50659686	1
ZNF454	8.76376144	0.12052946	1	0.22213583	0.83384139	1
ZNF460	0.24958203	0.68732723	1	0.15968515	0.48177315	1
ZNF461	-0.2518121	0.83021289	1	1.16183787	0.6059756	1
ZNF462	0.45565831	0.81908362	1	2.05532512	0.13044933	1
ZNF467	0.27443917	1	1	1.26303441	1	1
ZNF469	0.27443917	1	1	-5.4974916	0.52259551	1
ZNF470	-8.9076154	0.19965135	1	-8.2050063	0.52259551	1
ZNF471	-0.2511232	0.78005262	1	1.26247623	0.33490945	1
ZNF473	1.44804678	0.45132853	1	-0.8747804	0.62478132	1
ZNF474	8.1751968	0.2752184	1	9.16379203	0.12281968	1
ZNF48	-8.3232364	0.36779564	1	-9.4405624	0.03889469	1
ZNF480	0.61568055	0.22327065	1	1.81688475	0.12817589	1
ZNF483	0.37887068	0.57473755	1	0.01617592	0.52482137	1
ZNF484	0.61736552	0.3701813	1	1.13684572	0.26491974	1
ZNF485	9.79909607	0.02713794	1	2.30637792	0.04397082	1
ZNF487	0.23459602	0.51689855	1	-0.145824	0.86511395	1
ZNF490	-0.2205957	0.88384497	1	1.15523157	0.08131044	1
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ZNF502	0.27443917	1	1	-7.3420459	0.3629285	1
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ZNF507	-0.9875268	0.29975209	1	-0.5855475	0.71585626	1
ZNF510	-1.7533554	0.0654284	1	-1.0662946	0.31114525	1
ZNF511	0.00057638	0.85135027	1	-1.8425606	0.06531465	1
ZNF512	-0.086914	0.72394482	1	0.61630142	0.17331992	1
ZNF512B	2.1398572	0.22904601	1	-0.1551957	0.80520616	1
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ZNF517	1.14486248	0.51059068	1	1.2566148	0.14897822	1
ZNF518A	0.09536526	0.36288684	1	0.57715772	0.1056256	1
ZNF518B	-0.6427727	0.79135332	1	-0.3587277	0.27360397	1
ZNF521	-7.341168	0.36779564	1	-7.8577945	0.3629285	1
ZNF524	-0.4042133	0.25394299	1	-2.5925525	0.00048719	1
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ZNF536	7.45361488	0.2752184	1	0.91930948	0.52790957	1
ZNF540	0.98266639	0.45738523	1	-0.0260865	0.8377889	1
ZNF541	10.2961916	0.02713794	1	1.06621501	0.44609823	1
ZNF543	-0.274038	0.68789913	1	0.27111527	0.52790957	1
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ZNF546	0.0510518	0.78682126	1	1.33586019	0.19454562	1
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ZNF548	1.31025132	0.09142605	1	2.33958722	0.02988465	1
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ZNF554	-0.5464882	0.68789913	1	1.07053111	0.52790957	1
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ZNF57	-0.294565	0.80187792	1	0.6854205	0.24457277	1
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ZNF579	-8.4548167	0.19965135	1	-7.302113	0.3629285	1
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ZNF582	-7.9456421	0.19965135	1	-9.4252056	0.1958879	1
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ZNF592	0.1716826	0.30819894	1	0.7465318	0.00518695	1
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ZNF595	-0.1629133	0.57500492	1	0.64575134	0.23251768	1
ZNF596	1.18511397	0.11397922	1	-0.4707214	0.74440207	1
ZNF597	-9.6269618	0.19965135	1	-9.4412617	0.1474095	1
ZNF598	-8.447313	0.11486391	1	-8.9644829	0.11188911	1
ZNF599	8.47620646	0.2752184	1	9.4648017	0.12281968	1
ZNF605	0.33470283	0.39327591	1	1.93776952	0.02000272	1
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ZNF614	-0.9826801	0.66041601	1	-0.398291	0.75197502	1
ZNF615	-6.2499036	0.36779564	1	1.26303441	1	1
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ZNF619	0.57109893	0.4634873	1	1.63128718	0.15869376	1
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ZNF621	-1.6958507	0.15700157	1	-1.573021	0.49338433	1
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ZNF652	-0.188411	0.74076825	1	-0.6547392	0.03378989	1
ZNF653	0.18413465	0.97656842	1	0.97200644	0.5934245	1
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ZNF662	0.27443917	1	1	1.26303441	1	1
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ZNF667	-0.2267383	0.78434173	1	-0.1046343	0.66669721	1
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ZNF669	0.62124296	0.34097321	1	0.43355361	0.47701328	1
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ZNF672	-0.3773383	0.56020917	1	-0.8911979	0.04421261	1
ZNF674	-0.3338425	0.47358334	1	-0.6827426	0.50432974	1
ZNF677	-9.9518348	0.19965135	1	-8.4208028	0.3629285	1
ZNF680	1.53766617	0.0593855	1	1.44853067	0.01652413	1
ZNF682	1.13234057	0.45738523	1	2.14885769	0.15660079	1
ZNF683	-3.0239349	0.06030741	1	-3.0298331	0.03642862	1
ZNF684	-1.2991694	0.52190532	1	-0.6550054	0.79061585	1
ZNF687	-1.2055588	0.67317602	1	-2.5186963	0.17120737	1
ZNF688	-0.7076329	0.8025791	1	-0.3818082	0.95515215	1
ZNF689	-9.6098735	0.11486391	1	-8.6177684	0.26373073	1
ZNF691	2.01538675	0.89260809	1	-0.7297295	0.64428388	1
ZNF692	0.58533334	0.12763432	1	0.02804781	0.85275617	1
ZNF696	-2.1832914	0.67317602	1	-1.1179479	0.64032309	1
ZNF697	-7.341168	0.36779564	1	-7.8803352	0.26373073	1
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ZNF7	-0.1826733	0.86201906	1	-0.5860773	0.61768814	1
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ZNF704	-0.5130783	0.35514861	1	0.38341813	0.88070074	1
ZNF706	0.21669969	0.89939842	1	-1.5519213	0.00073393	1
ZNF707	-1.9096551	0.14165401	1	-0.0285161	0.61520584	1
ZNF709	0.09575742	0.82464385	1	-1.5133424	0.4080708	1
ZNF71	-0.8818116	0.70618243	1	0.77907284	0.32390736	1
ZNF710	-0.8529349	0.10390714	1	-0.3685383	0.16922903	1
ZNF711	3.72129763	0.11273814	1	2.39823968	0.18857417	1
ZNF713	-8.5297897	0.36779564	1	-6.3422478	0.52259551	1
ZNF74	7.65175331	0.2752184	1	0.72634605	0.88397598	1
ZNF740	0.84020081	0.71044729	1	0.93725468	0.88659	1

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ZNF749	-5.7150445	0.36779564	1	-8.5478635	0.1958879	1
ZNF750	7.67637454	0.2752184	1	8.66496977	0.12281968	1
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ZNF75D	0.1294107	0.30619226	1	0.22148596	0.63421165	1
ZNF76	0.53456189	0.25217477	1	1.0253946	0.10038945	1
ZNF766	-0.1210618	0.82053018	1	-0.3448447	0.44850259	1
ZNF768	-7.730174	0.36779564	1	-8.6964871	0.26373073	1
ZNF77	0.38636135	0.91549579	1	-0.6017366	0.99214564	1
ZNF770	0.58646738	0.17559316	1	0.44692401	0.24733272	1
ZNF771	-8.1774396	0.36779564	1	-10.378358	0.03889469	1
ZNF772	0.27443917	1	1	1.26303441	1	1
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ZNF775	0.07402142	0.85135027	1	-1.3263796	0.31890284	1
ZNF776	0.26428529	0.97656842	1	-0.110465	0.69820998	1
ZNF778	0.39616762	0.68789913	1	-2.0896606	0.03959075	1
ZNF782	-0.4663443	0.7886374	1	-0.4911361	0.63341667	1
ZNF784	-1.0764294	0.68052236	1	0.28379227	0.88397598	1
ZNF786	1.19345833	0.45738523	1	-0.5578744	0.78042456	1
ZNF787	1.03362489	0.02389262	1	0.82508848	0.07172159	1
ZNF788P	9.65455926	0.05637677	1	3.46253459	0.04383553	1
ZNF789	0.27791601	0.08328808	1	0.99127794	0.04169934	1
ZNF79	-1.7069538	0.36358287	1	-2.3962698	0.07612048	1
ZNF790	-0.1472241	0.41550366	1	0.48998415	0.78742907	1
ZNF791	-0.5787284	0.88923822	1	-0.4586108	0.74971066	1
ZNF792	0.27443917	1	1	-6.4312641	0.3629285	1
ZNF793	-8.800646	0.19965135	1	-9.4147203	0.08544191	1
ZNF8	1.44803179	0.03234298	1	1.71765642	0.02037706	1
ZNF80	0.27443917	1	1	1.26303441	1	1
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ZNF804A	-7.9014069	0.36779564	1	1.26303441	1	1
ZNF804B	0.27443917	1	1	1.26303441	1	1
ZNF805	-0.0766782	0.96067483	1	0.85171359	0.45020782	1
ZNF808	-7.4529774	0.36779564	1	1.26303441	1	1
ZNF81	-0.1773753	0.99109992	1	0.47126422	0.57930268	1
ZNF821	1.30247014	0.49174922	1	-0.9078021	0.50006568	1
ZNF823	0.27443917	1	1	-7.5921101	0.26373073	1
ZNF827	0.11059264	0.69978531	1	0.60710116	0.08983809	1
ZNF829	-1.978032	0.23874614	1	1.45241668	0.365771	1
ZNF830	-0.4147054	0.29588273	1	-1.0231047	0.07657246	1
ZNF831	10.5386992	0.02713794	1	0.47854262	0.32390736	1
ZNF835	-8.3316009	0.36779564	1	1.26303441	1	1

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ZNF837	-8.8604164	0.36779564	1	-5.9107899	0.52259551	1
ZNF839	0.57492837	0.35400006	1	1.53513983	0.04944171	1
ZNF84	0.12964909	0.53106301	1	-0.0497587	0.48335955	1
ZNF841	-0.7437323	0.93413151	1	-1.1221117	0.172729	1
ZNF843	0.27443917	1	1	1.26303441	1	1
ZNF846	1.69210425	0.01145513	1	1.69992764	0.01567417	1
ZNF850	1.34997708	0.8024585	1	1.07154054	0.78283336	1
ZNF852	0.27443917	1	1	1.26303441	1	1
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ZNF860	0.27443917	1	1	1.26303441	1	1
ZNF862	-0.2959949	0.84349254	1	-0.1156371	0.69806736	1
ZNF865	-9.185957	0.11486391	1	-10.090976	0.0139617	1
ZNF875	-7.9465518	0.19965135	1	-8.119906	0.3629285	1
ZNF878	8.6275788	0.2752184	1	2.05497022	0.52223338	1
ZNF879	0.2041339	0.85135027	1	1.94642365	0.35926299	1
ZNF883	0.27443917	1	1	1.26303441	1	1
ZNF891	8.4056674	0.12052946	1	0.14878735	0.6070784	1
ZNF91	1.41987344	0.13863052	1	0.86125769	0.0838433	1
ZNFX1	-1.3928969	0.00309585	1	-0.0626112	0.95160219	1
ZNHIT1	-0.7082288	0.37282426	1	-1.8627325	0.00028121	1
ZNHIT2	0.57921175	0.89260809	1	-1.2881926	0.1075019	1
ZNHIT3	0.01185939	0.7916076	1	0.12040564	0.95062943	1
ZNHIT6	0.74187781	0.04724093	1	0.64599042	0.31675816	1
ZNRD1	-1.2801629	0.58416912	1	-2.0786453	0.00443691	1
ZNRD2	-1.2470511	0.24626241	1	-1.516366	0.06616391	1
ZNRF1	0.07491538	0.96351466	1	0.0848869	0.72141124	1
ZNRF2	-0.3536397	0.90991833	1	0.09300189	0.50025243	1
ZNRF3	1.14662992	0.04324139	1	1.53879933	0.00720533	1
ZP1	0.27443917	1	1	1.26303441	1	1
ZP2	0.27443917	1	1	1.26303441	1	1
ZP3	0.21098171	0.68789913	1	0.01975758	0.85064705	1
ZPBP	0.9480928	0.57473755	1	1.6508705	0.81809414	1
ZPBP2	0.27443917	1	1	1.26303441	1	1
ZPLD1	0.27443917	1	1	1.26303441	1	1
ZPR1	0.375508	0.085286	1	-0.1655719	0.79056337	1
ZRANB1	-0.4523644	0.3672833	1	0.1091817	0.47825642	1
ZRANB2	0.31080654	0.14125556	1	0.04501521	0.48827466	1
ZRANB3	-0.9551147	0.02523102	1	-0.3671334	0.22166451	1
ZRSR2	0.07909864	0.80325066	1	-0.2142651	0.38617258	1
ZSCAN1	0.27443917	1	1	-4.2111359	0.52259551	1
ZSCAN12	-7.3858295	0.36779564	1	-6.6408036	0.52259551	1
ZSCAN16	8.92542302	0.12052946	1	0.33493857	0.83384139	1

ZSCAN18	1.10371232	0.14799246	1	0.85799048	0.10554045	1
ZSCAN2	-0.3730317	0.38135626	1	1.11482688	0.81809414	1
ZSCAN20	7.10225734	0.2752184	1	-0.1176809	0.52790957	1
ZSCAN21	0.03779247	0.80799068	1	-0.6551067	0.41730614	1
ZSCAN22	1.10143839	0.4634873	1	10.267538	0.02855238	1
ZSCAN23	-7.3858295	0.36779564	1	1.26303441	1	1
ZSCAN25	0.98939942	0.16106306	1	1.19343641	0.04503425	1
ZSCAN26	0.59034082	0.58253458	1	-0.3240279	0.80561771	1
ZSCAN29	-2.372835	0.54586113	1	-2.5800153	0.24529105	1
ZSCAN30	-9.1772514	0.11486391	1	-8.455763	0.26373073	1
ZSCAN31	-5.4928051	0.36779564	1	-7.9051514	0.3629285	1
ZSCAN32	-1.0307146	0.63657419	1	-0.7222347	0.50219532	1
ZSCAN4	0.27443917	1	1	1.26303441	1	1
ZSCAN5A	0.27443917	1	1	-8.6177813	0.1474095	1
ZSCAN9	0.52163017	0.81353247	1	0.13185833	0.73608321	1
ZSWIM1	-7.9779962	0.36779564	1	-7.5490599	0.1958879	1
ZSWIM2	0.27443917	1	1	1.26303441	1	1
ZSWIM3	0.83161061	0.4634873	1	0.31733182	0.97009268	1
ZSWIM4	-0.200386	0.19580627	1	-0.6963828	0.05984533	1
ZSWIM5	-0.3695428	0.41717921	1	0.12404681	0.39561715	1
ZSWIM6	-0.2494034	0.38863619	1	0.30057798	0.48151259	1
ZSWIM7	-0.111185	0.85424425	1	-0.3194962	0.59466991	1
ZSWIM8	-1.1391748	0.20307427	1	-0.6290313	0.28391574	1
ZSWIM9	-1.8045156	0.44507282	1	-1.2413654	0.33433431	1
ZUP1	-0.2986749	0.82130377	1	-0.2625289	0.95237069	1
ZW10	0.03651249	0.75331086	1	0.97806346	0.4423691	1
ZWILCH	0.58459727	0.76775801	1	-0.1976791	0.7854997	1
ZWINT	-0.6709991	0.90231962	1	-0.2540656	0.88397598	1
ZXDB	-9.1635581	0.11486391	1	-9.380619	0.08544191	1
ZXDC	-0.0248819	0.57010993	1	0.38797701	0.21244974	1
ZYG11A	1.21730397	0.45738523	1	-0.2707709	0.8377889	1
ZYG11B	-0.0973204	0.82430472	1	1.45533194	0.00407469	1
ZYX	0.20744146	0.93225839	1	-0.7217656	0.12714939	1
ZZEF1	-0.0836193	0.87608239	1	0.41427265	0.0523393	1
ZZZ3	-0.0714003	0.63316211	1	0.55004391	0.01525852	1

C7_wk5_N.a	C7_wk5_N.p	C7_wk5_N.p	C7_wk11_wk	C7_wk11_wk	C7_wk11_wk	C7_wk11_N.a
1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
-6.523091	0.51585615	1	0.98859524	1	1	-6.7975302
-1.4360268	0.61495905	1	0.69994948	0.3940724	1	0.1892725
-0.7054574	0.69903449	1	0.00759187	1	1	-0.9462358
1.21649182	1	1	-5.6071659	0.48123514	1	0.94205265
-0.9542324	0.6557842	1	-0.6370695	0.56435198	1	-1.0567214
-0.2224376	0.96835012	1	0.67357694	0.28551685	1	-0.1214183
1.21649182	1	1	-6.8127844	0.48123514	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
1.03215139	0.54445316	1	0.98859524	1	1	-7.1626676
0.28660176	0.61119082	1	0.56937798	0.53470522	1	1.6978219
0.22573579	0.41905522	1	0.37587558	0.08477623	1	0.2411302
0.95303205	0.48976684	1	-0.2332852	0.03158306	1	-0.26523
-1.6515812	0.01845623	1	-0.2350663	0.86238304	1	-0.8736256
1.21649182	1	1	-6.1988528	0.48123514	1	0.94205265
-1.9002365	0.12548641	1	0.10892807	0.82319297	1	0.09539661
-0.4997795	0.50663666	1	-0.3383226	0.51604169	1	-0.6049474
0.41468696	0.89924986	1	11.9999008	0.00051844	1	3.1329015
0.14366971	0.51075602	1	0.0643818	0.89711189	1	-0.5697931
-0.7126149	0.1070071	1	-0.0266521	0.37431549	1	-0.1664877
0.72263539	0.63259429	1	0.995056	0.22613009	1	1.44221498
-0.1583678	0.82711183	1	0.36661083	0.24133457	1	0.29934866
-8.0333361	0.2560136	1	-8.3294724	0.21884173	1	-8.3077752
0.04094059	0.75109877	1	0.39754842	0.27643123	1	0.06993419
-0.2700744	0.40008735	1	1.08796166	0.10030187	1	1.10237247
0.88343259	0.49505855	1	-1.1509	0.79809852	1	-1.4133273
1.21649182	1	1	-7.0810745	0.48123514	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
0.05890511	0.89234262	1	0.43515054	0.4770367	1	0.0947297
-0.6947265	0.31849256	1	1.47342967	0.21463485	1	1.26478243
1.21649182	1	1	-7.5248619	0.48123514	1	0.94205265
-0.0402544	0.60876574	1	0.19710792	0.70263161	1	-0.0841788
-0.1783879	0.54445316	1	1.38670698	0.75532548	1	0.45037505
-0.8108792	0.73951066	1	0.26217906	0.71186719	1	-0.5714703
1.21649182	1	1	0.98859524	1	1	0.94205265
-6.4202764	0.51585615	1	0.98859524	1	1	-6.6947155
1.14765196	0.00189327	1	0.30610069	0.32612417	1	0.94030995
-0.9435965	0.00375994	1	0.26883107	0.89536283	1	-0.5347612

1.21649182	1	1	0.98859524	1	1	0.94205265
8.18663349	0.1289748	1	2.8565574	0.62079205	1	9.34165246
8.33451937	0.1289748	1	-9.0715159	0.31666744	1	0.94205265
-6.5954521	0.51585615	1	8.16098227	0.16060343	1	0.30249576
1.10591591	0.23684824	1	0.39762306	0.47184876	1	1.09021444
0.63623191	0.45884751	1	-0.5840131	0.46283799	1	1.05858834
-0.2331675	0.54445316	1	-9.0258598	0.15483727	1	-7.5957284
0.77493903	0.00100239	1	0.64137044	0.12112053	1	0.73740575
0.04588983	0.50448224	1	0.5282999	0.46648762	1	0.06197984
1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
8.39566753	0.1289748	1	1.69508363	0.47775211	1	10.0028408
-1.3474324	0.81885298	1	-8.9933685	0.11109092	1	-8.6396186
-1.0156754	0.04832825	1	0.37583527	0.48967649	1	0.32986805
-0.3328788	0.58992676	1	1.61883673	0.09467434	1	0.72724822
-4.6634705	0.51585615	1	2.23842019	0.07851409	1	4.68940777
1.21649182	1	1	0.98859524	1	1	0.94205265
-5.2396247	0.51585615	1	9.21032975	0.16060343	1	2.70767064
1.27249844	0.89924986	1	0.98149151	0.75150822	1	1.03833604
-6.4143196	0.51585615	1	0.98859524	1	1	-6.6887588
0.58236863	0.10951537	1	0.60297344	0.1141677	1	0.9468803
0.52924259	0.34517414	1	0.46317389	0.79988236	1	0.84384057
-0.7459079	0.02965742	1	-0.3743289	0.20042574	1	-1.2066265
-0.3264643	0.51782108	1	-0.3494015	0.61056324	1	-0.0024641
0.28550938	0.49493141	1	0.36730431	0.33819404	1	0.20480205
-1.6425621	0.18505527	1	-0.9098167	0.80740365	1	-0.8320974
-0.670575	0.3214807	1	0.66580685	0.68719003	1	0.86217786
0.04993501	0.72565034	1	0.39386252	0.91043621	1	0.34953198
1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	-6.7032272	0.48123514	1	0.94205265
1.21649182	1	1	-6.9901511	0.48123514	1	0.94205265
-7.4069911	0.51585615	1	0.98859524	1	1	-7.6814303
-1.2045249	0.47491233	1	-0.2550272	0.82477117	1	-0.9006554
-2.410337	0.20699268	1	-0.2062392	0.70282543	1	-0.1855743
0.32394635	0.12924797	1	0.33991315	0.55326629	1	0.26270414
3.91249792	0.00119834	1	-2.2100903	0.2038606	1	1.20344151
-0.0186703	0.7293098	1	-0.5572249	0.04151488	1	-0.3650951
-1.7148282	0.02207768	1	-1.107498	0.08529143	1	-1.3214122
-8.0235379	0.18867298	1	0.58259233	0.99816711	1	1.03725745
-0.6610936	0.24047808	1	0.44022285	0.39375006	1	0.24846412
1.21649182	1	1	0.98859524	1	1	0.94205265
-0.5578565	0.11309497	1	-1.1975491	0.0031267	1	-0.8610882

0.17002917	0.85193631	1	0.73156167	0.31194099	1	0.10574302
1.50444517	0.09315342	1	0.55684051	0.71598115	1	1.74494924
-0.1169982	0.95609261	1	0.35784296	0.89093886	1	0.56218849
0.30072235	0.06898541	1	0.50527646	0.12290237	1	0.85489964
1.03082256	0.01784763	1	-0.1908971	0.25499055	1	0.86536322
0.55614401	0.64418206	1	-1.2622	0.4672944	1	-0.0814436
1.3484404	0.17565274	1	0.04659555	0.81247695	1	0.74229598
0.50350954	0.58048722	1	0.72977495	0.14554701	1	1.32679621
-0.8406515	0.28118005	1	-2.5430768	0.37399757	1	-3.0896627
0.17575532	0.34958253	1	0.63627374	0.02431521	1	0.43780832
1.13839753	0.02384164	1	-0.1395293	0.35069976	1	0.11759507
-3.2046267	0.15706599	1	-1.1644946	0.2361113	1	-0.6700323
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-0.0912991	0.18760315	1	-0.154635	0.58657998	1	0.03460829
1.25613864	0.00483526	1	1.08818701	0.00500306	1	1.18243525
0.43779406	0.55614004	1	0.44006476	0.21253056	1	0.50589006
1.21649182	1	1	0.32253432	0.48825526	1	9.81078685
1.21649182	1	1	-6.6183562	0.48123514	1	0.94205265
-7.5469241	0.35516191	1	1.42950931	0.22620258	1	0.5233888
0.64618143	0.0181111	1	0.51202759	0.28232124	1	0.3107547
0.98793145	0.39173569	1	-8.7448636	0.15483727	1	-7.7005891
-3.1465092	5.31E-13	1.47E-08	-2.0941612	5.94E-09	0.00016381	-2.6271666
-1.4593227	0.19276541	1	-0.1422752	0.26422757	1	-0.0808061
0.06857503	0.68421249	1	0.16322296	0.57297699	1	-0.4097379
-1.4795386	0.19483601	1	-0.7122231	0.03665055	1	-0.7470532
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2.42573788	0.16701869	1	-8.015441	0.31666744	1	-7.3328485
-4.1411121	0.00525977	1	-0.3521603	0.60198526	1	-1.3258316
-0.8860948	0.50179913	1	-1.1859625	0.013881	1	-0.9601218
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1.2933063	0.34099466	1	1.28168485	0.38646909	1	0.04860404
1.03789016	0.2274425	1	-0.029096	0.84380984	1	-0.2041438
0.61537687	0.04197045	1	-0.5816988	0.27130792	1	0.19003
0.3467338	0.82822079	1	-0.7277419	0.3359829	1	-0.0660624
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0.20770266	0.75932439	1	0.93478379	0.6560096	1	-0.1699295
-0.2865325	0.61296887	1	-0.9657009	0.05772985	1	-1.515866
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-0.6238837	0.57634549	1	0.52821045	0.75787058	1	0.49649131
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0.87967724	0.89924986	1	-9.777417	0.08043682	1	-7.7047183
-0.7040707	0.02414152	1	-0.1934026	0.30804858	1	-0.8096799

0.21267149	0.14777507	1	0.46565358	0.02080641	1	0.25785452
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-1.4561531	0.04323796	1	-0.8514404	0.16854566	1	-0.4336777
-0.928483	0.10867433	1	-1.1752339	0.00234913	1	-1.0316631
-1.0469409	0.02032613	1	-0.1213685	0.66364498	1	0.05435166
-1.5146617	0.91071287	1	-9.6655595	0.15483727	1	-7.7520212
-0.5364614	0.1087754	1	-0.7467747	0.15217643	1	-0.9955302
-0.3106697	0.62497582	1	0.38524916	0.66863053	1	0.29749426
1.21649182	1	1	0.98859524	1	1	0.94205265
-8.8563175	0.10612207	1	-0.5009198	0.81546567	1	0.10368529
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8.6605144	0.1289748	1	0.92279919	0.52817819	1	9.34116822
1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	-1.4609438	0.99225467	1	8.29749552
2.03567685	0.44453114	1	1.21490687	0.72577419	1	0.99487325
0.92103462	0.28870003	1	-0.5919168	0.99450138	1	0.01965341
-0.0563971	0.28482929	1	0.08632568	0.3107795	1	0.1465485
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0.13410445	0.26147857	1	0.33335386	0.14375089	1	0.275996
1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
-7.5920438	0.35516191	1	-0.0583183	0.49178377	1	0.61910166
1.21649182	1	1	2.46700324	0.22127599	1	10.1874908
-0.0140115	0.87713672	1	-0.1481901	0.47527798	1	-0.761824
1.21649182	1	1	-4.5113674	0.48123514	1	0.94205265
1.18912287	0.28150137	1	1.12994464	0.4544553	1	2.47806504
-0.6753647	0.18232962	1	0.77677657	0.08022409	1	0.48185147
1.21649182	1	1	9.93795482	0.16060343	1	9.89141223
1.3753867	0.3325178	1	2.13135766	0.17970955	1	0.84441407
-6.154202	0.51585615	1	-5.855254	0.48123514	1	-6.4286412
-1.5662586	0.09957006	1	-1.1205129	0.09328738	1	-0.9323322
-3.6056372	0.01502745	1	0.47007413	0.58439122	1	-1.218107
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0.1596976	0.63956274	1	0.08744016	0.47332808	1	-0.1872224
1.44731765	0.06076635	1	1.37992332	0.41259354	1	1.12995423
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-1.7681672	0.10030876	1	1.31937629	0.11703206	1	-0.8461084
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
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0.40314481	0.14299413	1	0.87216371	0.11595615	1	1.06582054
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9.36281289	0.1289748	1	1.74078941	0.20800656	1	9.90208021
0.42542652	0.1462153	1	0.35926736	0.21912163	1	0.83989054
0.45058383	0.06167124	1	0.31038811	0.6708548	1	0.01898305
0.58400861	0.07967228	1	0.67658466	0.04538147	1	0.90909891
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1.21649182	1	1	0.98859524	1	1	0.94205265
0.33149058	0.29539228	1	-0.178357	0.10905986	1	-0.1725522
0.70645127	7.11E-07	0.0196184	0.45008301	0.00018185	1	0.45590561
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	-6.5343054	0.48123514	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
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0.18051228	0.51957958	1	0.64992144	0.41095957	1	0.75539802
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1.21649182	1	1	0.98859524	1	1	0.94205265
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9.36281289	0.1289748	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
0.56825311	0.08674148	1	0.06194979	0.15770184	1	-0.151977
1.21649182	1	1	-5.9987389	0.48123514	1	0.94205265
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9.25382788	0.1289748	1	0.98859524	1	1	0.94205265
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0.62808987	0.63259429	1	-1.2246984	0.14687369	1	-0.7324227

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2.11111996	0.37800827	1	2.31871135	0.22372958	1	2.35332954
0.1310872	0.87568603	1	0.0219448	0.47060121	1	0.37641173
0.28452087	0.10921447	1	0.42458991	0.23509955	1	0.37665985
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0.72527968	0.00199576	1	0.55639924	7.12E-05	1	0.81432155
0.84541006	0.41245887	1	0.35042851	0.99247312	1	-0.1128432
0.06348249	0.91060898	1	0.87774064	0.24912859	1	0.9935894
1.21649182	1	1	0.98859524	1	1	0.94205265
0.44489419	0.07910287	1	0.28620272	0.75943008	1	0.47215389
0.74157597	0.10146604	1	0.46530523	0.42214755	1	0.72329347
0.01461964	0.65632022	1	0.33306659	0.03975671	1	0.42720756
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0.19000239	0.22389027	1	0.50449979	0.02907651	1	0.67050036
0.12282443	0.44926017	1	-0.0596621	0.75595841	1	-0.0646972
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265

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1.21649182	1	1	10.48916	0.04650443	1	10.4426174
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-1.4041101	0.81885298	1	0.70506334	0.44273776	1	2.66071802
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1.21649182	1	1	0.98859524	1	1	0.94205265
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-8.5599832	0.2560136	1	-1.5388558	0.60263231	1	-0.3117837
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1.21649182	1	1	0.98859524	1	1	0.94205265
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-2.113135	0.81885298	1	-2.8181595	0.11638822	1	-2.0925624
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1.21649182	1	1	0.98859524	1	1	0.94205265
0.20050855	0.52193441	1	0.43075374	0.02279768	1	0.30272816
0.48741569	0.00084921	1	0.19998066	0.06697349	1	0.40018459
-7.2338808	0.51585615	1	0.98859524	1	1	-7.50832
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-7.4490185	0.35516191	1	0.22785913	0.62639124	1	-1.3516728
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.08280288	0.3564357	1	0.4649601	0.34100896	1	1.08063375
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0.21502014	0.8249388	1	0.73910884	0.82961544	1	0.82311694

2.73574768	0.01603932	1	0.66638404	0.24978067	1	4.02960976
1.21649182	1	1	9.0725709	0.16060343	1	9.02602832
2.65106931	0.16701869	1	2.68800732	0.62079205	1	1.86670102
0.33766193	0.34744231	1	0.71754976	0.64827316	1	0.66847034
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-1.2438539	0.81885298	1	-1.3245575	0.28027192	1	-0.4086142
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0.47728377	0.13699163	1	0.42826086	0.49579072	1	0.66573791
1.21649182	1	1	0.88464575	0.75150822	1	10.4788448
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0.72982199	0.64648432	1	0.25356457	0.87222452	1	1.43549469
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1.21649182	1	1	0.98859524	1	1	0.94205265
0.07144146	0.21946275	1	-0.2839593	0.19036043	1	-0.3647644
0.57884327	0.33553154	1	0.02342803	0.57837399	1	0.39054762
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-0.333271	0.92956696	1	-0.8773152	0.32840463	1	-1.2870371
-6.205598	0.51585615	1	-8.2845602	0.15483727	1	-6.4800372
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-0.9229634	0.07895596	1	-0.3217531	0.24827859	1	-0.1493136
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0.1794584	0.47858377	1	-0.3603787	0.33846303	1	-0.4393875
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0.22467373	0.76665713	1	0.38676231	0.7290273	1	1.09935753
-0.0601344	0.71119412	1	0.66868457	0.1281171	1	0.42902221
-1.1502763	0.15716851	1	0.17333257	0.60842785	1	0.61681257

1.23798973	0.03785862	1	2.24235869	0.01032908	1	1.03859909
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1.21649182	1	1	-8.471113	0.21884173	1	0.94205265
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1.09606692	0.46464562	1	-0.0234148	0.22073101	1	1.71935707
-8.6234531	0.2560136	1	9.92784691	0.04650443	1	0.04135939
-9.4610846	0.14088833	1	2.05843677	0.03303123	1	0.85736584
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-8.1369425	0.35516191	1	-6.6908734	0.48123514	1	-8.4113816
1.21649182	1	1	-1.6495733	0.99225467	1	7.1941864
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-0.4953163	0.1056041	1	-0.336685	0.02607598	1	-0.424537
-0.6413269	0.03053435	1	-0.9152739	0.00274619	1	-0.8165867
-0.8815608	0.0025268	1	-0.4629105	0.01584274	1	-0.5324667
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-1.8532467	0.04485565	1	-1.2747724	0.0184204	1	-0.6184767
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-0.4544717	0.01965689	1	-0.1807442	0.24656575	1	-0.2543061
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
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-7.6084309	0.51585615	1	-5.6283712	0.48123514	1	-7.8828701
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0.47113071	0.61755103	1	-0.2740054	0.64211621	1	0.53753128
1.21649182	1	1	10.6408962	0.01456378	1	10.5943536

-1.820194	0.81885298	1	-8.539812	0.21884173	1	-9.4719473
1.0944293	0.22657123	1	0.14993812	0.7290273	1	0.32315177
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0.5340118	0.2525999	1	-0.0365284	0.43311773	1	-0.1688784
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0.49444547	0.01732175	1	0.68834137	0.04388781	1	0.9321601
1.21649182	1	1	0.98859524	1	1	0.94205265
0.10299718	0.75827112	1	0.00395095	0.96089871	1	-0.1241827
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0.63946098	0.01270497	1	0.76361003	0.07451433	1	0.93466099
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1.03117248	0.84721625	1	0.04437665	0.61379682	1	-0.0650494
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9.36281289	0.1289748	1	9.31475441	0.01456378	1	9.26821183
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1.21649182	1	1	0.98859524	1	1	0.94205265

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0.3612281	0.16665648	1	0.66422258	0.05720431	1	0.62761334
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0.66382872	0.07141175	1	0.85789571	0.02865848	1	0.94428763
1.21649182	1	1	0.98859524	1	1	0.94205265
9.23737296	0.1289748	1	11.3689077	0.01456378	1	11.3223651
1.21649182	1	1	0.98859524	1	1	0.94205265
-0.1802301	0.3437192	1	-0.0949722	0.54461673	1	-0.1592953
0.78153357	8.41E-08	0.0023221	0.0526431	0.5820855	1	0.43000392
1.21649182	1	1	0.98859524	1	1	0.94205265
0.31117708	0.05535259	1	0.66517719	0.00583541	1	0.8961272
0.51900834	0.06617212	1	0.49378649	0.04579464	1	0.45193633
0.10094082	0.65381238	1	-2.5837619	0.51511472	1	-3.1094736
1.21649182	1	1	8.81994916	0.16060343	1	8.77340658
0.60531988	1.10E-05	0.30447442	0.53586364	0.00129456	1	0.30322113
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0.68151992	0.76325228	1	0.35105525	0.85097975	1	1.35657345
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1.21649182	1	1	7.03064694	0.16060343	1	6.98410435
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0.54619037	0.31119695	1	0.0165488	0.30901677	1	0.24936238
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0.72982488	0.26927259	1	0.49573067	0.50169012	1	0.39955769
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-0.2772182	0.69462341	1	-0.0046003	0.44432099	1	-0.0134615
-0.9345947	0.36415656	1	-0.3429183	0.38646909	1	-0.5039805
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0.28727966	0.6096569	1	0.78619082	0.00691147	1	0.83033461
1.21649182	1	1	0.98859524	1	1	0.94205265
-1.3344436	0.15118662	1	-1.2476999	0.81321194	1	-2.0117857
10.67364	0.00818553	1	8.80697994	0.16060343	1	8.76043735
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1.21649182	1	1	0.98859524	1	1	0.94205265
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-1.3919394	0.38560453	1	-2.7689443	0.59156016	1	-3.2464876
0.52617166	0.29167209	1	0.4788222	0.34318692	1	0.40682869
-0.2731827	0.92788262	1	-1.9501154	0.06955723	1	-0.1567179
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1.21649182	1	1	0.98859524	1	1	0.94205265
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0.4301271	0.66663887	1	0.46226081	0.85876015	1	-0.0587464
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1.21649182	1	1	0.98859524	1	1	0.94205265
0.45035437	0.33351493	1	0.7989605	0.18042674	1	0.41682597
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0.35149548	0.1778944	1	0.16340911	0.79720592	1	0.60325038
1.16840446	0.07572566	1	-0.1295966	0.74568663	1	-0.174743
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8.44433062	0.1289748	1	0.98859524	1	1	0.94205265
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1.05425778	0.38827578	1	-8.6740931	0.31666744	1	-7.7725265
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1.21649182	1	1	0.98859524	1	1	0.94205265

1.19227883	0.21725634	1	1.01898702	0.6671682	1	1.73318335
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1.21649182	1	1	0.98859524	1	1	0.94205265
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-1.2643884	0.04777334	1	-0.953664	0.00381011	1	-0.5676764
-9.1198139	0.10612207	1	-8.5621297	0.15483727	1	-9.3942531
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0.32934245	0.10246147	1	0.37615723	0.05953884	1	0.51415942
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1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
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0.67903672	0.85930591	1	0.51157162	0.75914872	1	0.66025625
1.1461097	0.99840309	1	1.70601101	0.79385593	1	1.62971153
1.21649182	1	1	-6.1201785	0.48123514	1	0.94205265
-8.7253068	0.2560136	1	0.14024705	0.99741819	1	-1.168392
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1.21649182	1	1	0.98859524	1	1	0.94205265
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8.63418658	0.1289748	1	0.87790483	0.62639124	1	9.16378716
1.21649182	1	1	0.98859524	1	1	0.94205265
-6.2832393	0.51585615	1	-5.5430424	0.48123514	1	-6.5576785
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
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0.07937714	0.65516353	1	1.32366628	0.08642222	1	1.26323256
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1.21649182	1	1	0.98859524	1	1	0.94205265
7.74473786	0.1289748	1	2.21393673	0.20439889	1	10.9859665
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-7.0921003	0.51585615	1	-6.9675839	0.48123514	1	-7.3665395
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0.66144021	0.28405545	1	1.23851575	0.12412447	1	2.05351254
2.26258661	0.03684406	1	0.91482535	0.98948266	1	0.51592543
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0.43326813	0.06369449	1	0.49856737	0.0787914	1	0.53779459
0.07556608	0.71649564	1	0.58181196	0.18055187	1	0.15502356
1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
1.77430456	0.2074418	1	2.66647684	0.03199203	1	1.76160506
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0.29177945	0.81030174	1	0.89344685	0.57232791	1	0.78645781
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1.61555447	0.5385938	1	-7.9207736	0.31666744	1	-6.9894622
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0.31201921	0.74786172	1	0.33758565	0.38217811	1	-0.2953563
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0.68771457	0.02990659	1	-0.026646	0.22399175	1	0.13269005
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0.30157229	0.24175148	1	0.50791958	0.70263161	1	-0.1243564
0.06891718	0.83398658	1	-1.0321617	0.04138428	1	-0.182351
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0.69893831	8.57E-05	1	0.22853088	0.14193901	1	0.42755945
0.98150452	0.11838568	1	-0.1691973	0.41125458	1	0.66001431
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.7500672	0.5385938	1	-8.0311913	0.21884173	1	-6.9356428
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0.37331637	0.14896709	1	0.44182946	0.41068861	1	0.59530227
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0.27438599	0.28787182	1	0.41628872	0.0900958	1	0.58298549
1.21649182	1	1	0.98859524	1	1	0.94205265
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0.38164893	0.63556955	1	0.24036953	0.80365493	1	-0.0468359
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1.21649182	1	1	0.98859524	1	1	0.94205265
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0.23301449	0.44388247	1	0.72203716	0.13062927	1	1.31165916	
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0.99014251	0.10275114	1	0.08000863	0.4093497	1	0.40778861
1.21649182	1	1	0.98859524	1	1	0.94205265
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0.66855941	0.56489273	1	1.13918211	0.41885536	1	0.29520077
0.32252572	0.37466597	1	-0.15802	0.3398005	1	0.3342621
1.21649182	1	1	8.71601178	0.16060343	1	8.6694692
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1.21649182	1	1	0.98859524	1	1	0.94205265
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0.37940111	0.01119152	1	0.74429091	0.00747152	1	0.53537564
1.99035934	0.28405545	1	2.0300838	0.17833185	1	1.63431238
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1.21649182	1	1	0.98859524	1	1	0.94205265
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8.91453153	0.1289748	1	0.22703374	0.75914872	1	9.81163375
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0.82850763	2.27E-08	0.0006252	0.32770191	0.04835029	1	0.58790793
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1.21649182	1	1	0.98859524	1	1	0.94205265
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0.47547878	0.16396747	1	0.89206173	0.00892339	1	0.69945345
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0.14722366	0.5410119	1	0.34162067	0.09829532	1	0.23905574
0.28482574	0.06141732	1	0.26761398	0.78155464	1	-0.0287329
0.97732175	0.45884751	1	2.141566	0.378956	1	1.2177618
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9.76974029	0.0312006	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
0.20322283	0.22228699	1	1.45080339	0.15509496	1	1.01018702
1.21649182	1	1	0.98859524	1	1	0.94205265
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0.48158002	0.82165987	1	1.23633904	0.14687369	1	1.7388846
1.06521904	0.54445316	1	6.58399401	0.16060343	1	-0.9996927
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1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	-4.6770223	0.48123514	1	0.94205265
9.62776261	0.1289748	1	-10.385961	0.01264165	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
0.15042041	0.80724406	1	-0.099123	0.26411101	1	0.2341097
0.16332764	0.18998758	1	0.69636928	0.00706952	1	0.81674341
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1.21649182	1	1	0.98859524	1	1	0.94205265
0.55019046	0.08511599	1	0.53333007	0.04152761	1	0.60862236
0.40084097	0.17685346	1	0.45986642	0.37803849	1	0.45160833
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0.22173773	0.86640833	1	-0.2735253	0.68753538	1	-0.0242426
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0.4910076	0.29576238	1	2.24739441	0.38395469	1	0.34326202
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265

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0.45998644	0.04604097	1	1.26333834	0.04394789	1	0.95737386
1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
0.18005164	0.30362466	1	0.09130075	0.24421524	1	0.32073823
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-0.0950549	0.81901865	1	0.81112286	0.12216345	1	0.88448795
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0.55494802	0.58452282	1	0.25181154	0.9556643	1	0.42178326
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1.21649182	1	1	0.98859524	1	1	0.94205265
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0.34558712	0.07436817	1	0.41796001	0.03943053	1	0.34200355
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1.21649182	1	1	0.98859524	1	1	0.94205265
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0.52638058	0.00985427	1	0.66769963	2.48E-05	0.68367644	0.59013698
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0.21670621	0.59780066	1	0.48437178	0.14332939	1	0.2453973
1.21649182	1	1	0.98859524	1	1	0.94205265
-1.2462903	0.73954978	1	1.79475449	0.07886021	1	0.36365257
0.49478293	0.10857283	1	-0.0964846	0.89304409	1	-0.234454
0.04933588	0.95684335	1	1.06132702	0.24343459	1	0.8104823

1.21649182	1	1	0.98859524	1	1	0.94205265
-7.8572329	0.35516191	1	0.98859524	1	1	-8.1316721
2.09221727	0.63779474	1	2.24441491	0.00038943	1	2.64882177
0.87393787	0.89924986	1	0.97678375	0.62639124	1	-0.7463798
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1.21649182	1	1	0.98859524	1	1	0.94205265
-0.7849158	0.54445316	1	-6.1481227	0.48123514	1	-8.0294967
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-0.7033029	0.24933708	1	-0.2851559	0.46101392	1	-0.1708204
-8.9591782	0.18867298	1	-0.3009936	0.38395469	1	0.01077064
0.4755126	0.22515545	1	0.85496272	0.10961502	1	0.79481174
-0.1552124	0.76072132	1	1.09723412	0.23856284	1	0.35736059
-8.8339282	0.2560136	1	1.07862295	0.06451762	1	1.49898055
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-6.2297676	0.51585615	1	-2.2859219	0.59156016	1	0.5146767
1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
2.13933402	0.16701869	1	0.98859524	1	1	-6.9366524
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1.21649182	1	1	0.98859524	1	1	0.94205265
1.25318582	0.84721625	1	0.50671857	0.26815906	1	1.68407017
1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
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0.06390139	0.8183891	1	0.63107451	0.15145673	1	0.41676616
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
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0.14318416	0.62369947	1	0.29645807	0.12454838	1	0.31099481
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265

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0.23265245	0.2409288	1	0.81335696	0.09408594	1	0.36085979
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0.85951296	1.27E-06	0.03497912	0.66151086	0.00053465	1	0.86354992
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0.74805778	0.00965326	1	0.36578205	0.81077729	1	0.40305952
0.0456255	0.66263734	1	-1.2778862	0.00015943	1	-0.9238904
1.21649182	1	1	9.80701908	0.16060343	1	9.76047649
-0.2935846	0.37266241	1	0.1419708	0.79151403	1	0.16721743
-0.6662823	0.83024762	1	1.23591905	0.43733694	1	0.7035442
1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265

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0.17154227	0.91230575	1	-0.3518173	0.61099715	1	-1.4373359
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-2.5171679	0.04216859	1	-0.3451151	0.32916084	1	-0.480354

1.21649182	1	1	0.98859524	1	1	0.94205265
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0.64547261	0.1156291	1	1.19292111	0.03147818	1	0.77417101
1.21649182	1	1	0.98859524	1	1	0.94205265
0.87102541	0.38882256	1	-0.8002717	0.09413101	1	0.08778603
0.6686333	0.2439762	1	0.02021947	0.97278122	1	0.2535075
-7.6544016	0.35516191	1	-1.3957025	0.12362948	1	1.20799136
1.21649182	1	1	-7.636587	0.48123514	1	0.94205265
1.1366161	4.73E-05	1	1.35435328	0.00031065	1	1.45499977
1.21649182	1	1	0.98859524	1	1	0.94205265
-1.9530351	0.03088108	1	-1.6574636	0.00702692	1	-1.4099252
1.23257705	0.45756747	1	-0.7168989	0.33915603	1	-0.3799045
-1.3611211	0.19989325	1	-0.2681373	0.44572311	1	-0.3249384
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1.21649182	1	1	0.98859524	1	1	0.94205265
0.4609403	0.00922317	1	0.48008424	0.02182001	1	0.6699771
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
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-2.2626044	0.16181384	1	-2.7631903	0.06082247	1	-2.1090674
-0.5957492	0.38980453	1	-1.9217581	0.378956	1	-3.3922466
2.48094078	0.11634139	1	-0.3980273	0.69382553	1	1.27878384
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-2.5819321	5.65E-08	0.00155957	-2.4048347	9.52E-09	0.00026283	-2.4813216
-8.2019169	0.18867298	1	1.78196764	0.31186468	1	1.07669343
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1.21649182	1	1	0.98859524	1	1	0.94205265

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1.63943322	0.0058559	1	-1.00618	0.50730726	1	-0.8977552
0.35794291	0.10964839	1	0.91766261	0.11763173	1	0.86450681
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2.93300701	0.13862754	1	-1.6863624	0.15999008	1	1.42614329
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1.0664664	0.34313531	1	-2.5868697	0.11096173	1	-1.2425052
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1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
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0.61742567	0.09082519	1	-0.6911496	0.11729668	1	-0.7686894
0.52956016	0.11769029	1	0.63491339	0.16431128	1	0.27744602
8.73467604	0.1289748	1	0.98859524	1	1	0.94205265
0.92521952	0.02291364	1	0.14767936	0.48012399	1	0.368074
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0.65033828	0.33190606	1	-2.0211538	0.04799925	1	-1.2432151

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-6.0255003	0.51585615	1	9.31134765	0.16060343	1	2.02281296
1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	2.35623962	0.47775211	1	10.321886
1.35128211	0.05064006	1	6.97807889	0.16060343	1	-1.7897428
1.21649182	1	1	0.98859524	1	1	0.94205265
0.33511177	0.89107966	1	0.39007787	0.96002514	1	0.51556106
1.21649182	1	1	0.98859524	1	1	0.94205265
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-1.7329972	0.01020666	1	-1.3741444	0.00629235	1	-1.1831548
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-0.6068486	0.49604888	1	-0.3748438	0.11982479	1	-0.1101319
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-2.1403919	3.37E-06	0.09307854	-2.1474999	9.38E-08	0.00258858	-2.3895704
1.21649182	1	1	0.98859524	1	1	0.94205265
-0.7882915	0.92077309	1	-0.0353909	0.2904595	1	-0.30038
-0.3603264	0.81973208	1	-1.7070749	0.40290348	1	-2.184056
-0.5113239	0.31627225	1	0.29735385	0.5779724	1	0.38997052
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1.21649182	1	1	0.98859524	1	1	0.94205265
-2.2177079	0.04444993	1	-2.6806031	0.00781858	1	-3.181169
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-0.4127911	0.58969784	1	-0.8332894	0.06115846	1	-1.0478884
-1.6426405	0.04539459	1	-0.8209152	0.08160446	1	-1.0287132
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1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	0.98859524	1	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
0.80748725	0.89924986	1	3.42851188	0.20439889	1	1.95208029
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1.21649182	1	1	0.98859524	1	1	0.94205265
1.21649182	1	1	8.99578419	0.16060343	1	8.9492416
-0.4846214	0.47509617	1	0.46532843	0.334647	1	0.47210836
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2.90613733	0.13862754	1	0.98859524	1	1	-7.4971837	
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1.21649182	1	1	0.98859524	1	1	0.94205265	
0.11040558	0.65750298	1	-0.7353913	0.05030268	1	0.98444162	
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1.21649182	1	1	-3.7051679	0.48123514	1	0.94205265	
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0.13988781	0.25996506	1	-0.1241206	0.60141191	1	0.07046035	
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1.21649182	1	1	-7.2598676	0.21884173	1	0.94205265
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1.21649182	1	1	0.98859524	1	1	0.94205265
8.28063921	0.1289748	1	-7.8520459	0.48123514	1	0.94205265
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0.722171	0.00489518	1	0.89852957	0.00104633	1	1.01917631
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9.61741398	0.0312006	1	-1.283689	0.60263231	1	9.43708725
1.21649182	1	1	0.98859524	1	1	0.94205265
0.15850695	0.61850417	1	-0.2105408	0.6870679	1	-0.0187075
9.94838497	0.0312006	1	-1.40374	0.51836478	1	9.02021136
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0.36431877	0.86661741	1	1.22060953	0.82147596	1	0.42403883
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1.21649182	1	1	0.98859524	1	1	0.94205265
-7.0122141	0.35516191	1	-5.7719308	0.48123514	1	-7.2866533
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0.30869868	0.70704528	1	-0.5586158	0.97536683	1	-1.1111748
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-2.279144	9.78E-06	0.27002706	-1.1545037	0.00239945	1	-1.5709152
-0.633276	0.62686306	1	-1.8674044	0.06264752	1	-1.2124878
-0.0164066	0.66026944	1	0.10854624	0.70508199	1	-0.028266
0.06043266	0.9943587	1	-0.0958874	0.17514038	1	-0.6814451
-2.0939383	0.00402474	1	-0.7984823	0.01362074	1	-0.8137754
-1.6087333	0.14932018	1	-0.2693149	0.44668179	1	-0.3616822
0.27275216	0.94913974	1	0.00997152	0.73283101	1	0.19783678
0.2664482	0.14800342	1	0.44664156	0.4210597	1	0.62008787
1.47683432	0.06517702	1	0.39216942	0.84295442	1	0.33020441
-6.9314537	0.51585615	1	0.98859524	1	1	-7.2058928
1.21649182	1	1	0.98859524	1	1	0.94205265
0.6791648	0.54445316	1	-0.1912241	0.77065347	1	0.46818309
4.61902615	0.16480789	1	0.7027777	0.32150493	1	3.67093335
-6.0741665	0.51585615	1	0.98859524	1	1	-6.3486057
1.21649182	1	1	0.98859524	1	1	0.94205265
0.04361861	0.55434971	1	-0.5410799	0.10010542	1	-0.3318894
0.29315654	0.22141793	1	0.56154607	0.08064001	1	0.74552091
0.17025325	0.67591889	1	-0.2657913	0.30273032	1	-0.1405533
-0.9995465	0.22912047	1	0.58798132	0.13444012	1	-0.0444318
0.15433418	0.64059889	1	-0.2933638	0.53443567	1	0.07523554
-8.1209791	0.2560136	1	-4.4855751	0.48123514	1	-8.3954183
-7.571693	0.35516191	1	0.74502588	0.62639124	1	-0.1858635
0.0930183	0.62885665	1	-8.5904845	0.15483727	1	-8.8324047

0.38008417	0.5511257	1	-0.2457218	0.95872874	1	-0.7236281
0.79393133	0.85527221	1	1.48785856	0.15729414	1	1.16696301
0.35278289	0.54445316	1	-7.2199382	0.48123514	1	-6.7494745
-0.9664374	0.67745274	1	-0.6928992	0.26190459	1	-1.0042299
0.2548504	0.63285196	1	9.1660996	0.16060343	1	-0.846588
1.21649182	1	1	8.64886391	0.16060343	1	8.60232133
0.89003211	0.06542282	1	0.204037	0.72375087	1	-0.0993673
-0.7194917	0.26156305	1	-0.9143687	0.67906874	1	-1.3098326
-1.6516543	0.23334141	1	-0.2071803	0.58237247	1	0.72118071
-10.420658	0.04673773	1	0.72148843	0.3940724	1	-1.243407
-6.8152133	0.51585615	1	-2.4123463	0.99225467	1	-1.3224082
0.30773827	0.83150578	1	0.30847985	0.87426681	1	1.33845283
1.21649182	1	1	0.98859524	1	1	0.94205265
-8.6316721	0.2560136	1	-8.8922205	0.11109092	1	-8.9061113
0.27760673	0.98882201	1	-0.3897718	0.53273506	1	-0.2440234
-7.3202428	0.35516191	1	0.42893628	0.52817819	1	0.65775339
1.21649182	1	1	0.98859524	1	1	0.94205265
-0.1326077	0.93166872	1	-0.5142788	0.38646909	1	-0.9642183
-0.3857953	0.33415216	1	-0.4959968	0.00052044	1	-0.1854093
0.11695938	0.12712519	1	0.49358962	0.91176134	1	0.48650218
0.30923827	0.35553442	1	0.54998142	0.06595883	1	0.55864171
-0.1545992	0.48029975	1	-0.2083112	0.41855765	1	-0.0434141
-1.3605397	0.00652716	1	0.51014346	0.68553682	1	-0.221365
-0.6851867	0.82307425	1	0.56315024	0.89342204	1	1.11932892
-0.3074301	0.21507551	1	0.03614605	0.84357149	1	-0.0087552
0.21602253	0.96888859	1	0.94155097	0.70229532	1	0.17951004
0.11001084	0.5025532	1	-0.7822763	0.96212779	1	-0.4745864
-0.3087347	0.54445316	1	0.41693345	0.99741819	1	0.36226438
-9.2836588	0.10612207	1	-0.2170609	0.81471927	1	-0.1201007
0.27506815	0.36248335	1	0.41285894	0.5751126	1	0.29995008
-0.1991287	0.759852	1	-1.4880748	0.51836478	1	-1.4164327
0.7494549	0.05868608	1	1.55265231	0.01062626	1	0.84677526
-0.6635691	0.28727857	1	-0.9292071	0.11635376	1	-0.8710106
0.52913589	0.00313738	1	0.49789198	0.07333013	1	0.61275522
0.36427365	0.09295512	1	0.62144416	0.06928425	1	0.4356739

C7_wk11_N.p	C7_wk11_N.p	C7_wk13_N.a	C7_wk13_N.p	C7_wk13_N.p	C7_wk5.pct	C7_wk11.pct
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.7861254	0.31142884	1	0	0
0.63546533	1	-0.510677	0.67099324	1	0.01	0.024
0.50022876	1	-0.9538277	0.3858924	1	0.029	0.024
1	1	6.54921854	0.32710281	1	0	0
0.26881421	1	-0.4196519	0.48081668	1	0.048	0.031
0.8203832	1	-0.7949952	0.10856814	1	0.19	0.165
1	1	7.75483709	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.1512628	0.31142884	1	0.01	0
0.01451298	1	1.12844392	0.03448767	1	0.076	0.134
0.3802933	1	-0.1347454	0.16960538	1	0.714	0.661
0.13592756	1	-0.0319448	0.37548557	1	0.076	0.024
0.31379724	1	-0.6385593	0.28828239	1	0.038	0.087
1	1	7.14090549	0.32710281	1	0	0
0.40486424	1	-0.0135315	0.47795875	1	0.029	0.094
0.17913578	1	-0.2666248	0.36438649	1	0.2	0.165
0.01423373	1	-8.8669993	0.15105729	1	0.01	0.047
0.69439967	1	-0.6341749	0.51556467	1	0.114	0.079
0.39821926	1	-0.1398356	0.98999229	1	0.067	0.094
0.24139747	1	0.44715898	0.97068536	1	0.048	0.063
0.08613372	1	-0.0672622	0.47352836	1	0.286	0.354
0.21141637	1	0.02169716	0.9683218	1	0	0
0.84641122	1	-0.3276142	0.29393022	1	0.057	0.071
0.01052551	1	0.01441081	0.25711596	1	0.038	0.142
0.60368131	1	-0.2624273	0.74416174	1	0.048	0.024
1	1	8.02312711	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.36901334	1	-0.3404208	0.80934205	1	0.057	0.079
0.19258076	1	-0.2086472	0.94345701	1	0.029	0.087
1	1	8.46691455	0.32710281	1	0	0
0.64574367	1	-0.2812868	0.90694115	1	0.105	0.102
0.23906368	1	-0.9363319	0.33569097	1	0.01	0.016
0.52423862	1	-0.8336494	0.72682374	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.6833108	0.31142884	1	0	0
0.00579334	1	0.63420926	0.02969301	1	0.514	0.496
0.0225116	1	-0.8035923	0.00126343	1	0.143	0.173

1	1	-0.0465426	1	1	0	0
0.16745907	1	6.48509506	0.32710281	1	0.01	0.008
1	1	10.0135685	0.16448785	1	0.01	0
0.64367666	1	-7.8584865	0.31142884	1	0	0.008
0.03755425	1	0.69259138	0.11051679	1	0.181	0.22
0.34370675	1	1.6426014	0.04854531	1	0.029	0.031
0.47413309	1	1.43013133	0.19168897	1	0.01	0
0.02657576	1	0.09603531	0.34195992	1	0.514	0.417
0.92125785	1	-0.4663201	0.3113665	1	0.162	0.126
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	8.30775714	0.16448785	1	0.01	0.016
0.21141637	1	0.35374993	0.50891479	1	0.01	0
0.76905865	1	-0.0459672	0.6189668	1	0.067	0.15
0.8873312	1	-0.8915885	0.07392925	1	0.105	0.126
0.0834342	1	2.45098758	0.98633536	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.63792001	1	-6.5026591	0.31142884	1	0	0.008
0.5063762	1	0.05684453	0.68368941	1	0.01	0.016
0.47413309	1	-7.677354	0.31142884	1	0	0
0.00908154	1	0.34390685	0.22401865	1	0.238	0.276
0.31664996	1	0.38066668	0.37309583	1	0.095	0.094
0.00084523	1	-0.8322976	0.00457334	1	0.181	0.134
0.41836298	1	0.34693744	0.1302385	1	0.152	0.228
0.25559434	1	-0.1625023	0.83763255	1	0.038	0.047
0.63312692	1	0.07771926	0.77461151	1	0.019	0.039
0.12214563	1	0.19637101	0.1650579	1	0.105	0.205
0.93707028	1	-0.0443305	0.82790582	1	0.219	0.197
1	1	-0.0465426	1	1	0	0
1	1	7.6452799	0.32710281	1	0	0
1	1	7.9322038	0.32710281	1	0	0
0.47413309	1	-8.6700255	0.31142884	1	0	0
0.61340112	1	-0.6456282	0.3668768	1	0.019	0.024
0.94824072	1	0.02066499	0.69888301	1	0.01	0.031
0.60946169	1	-0.077209	0.90256738	1	0.419	0.331
0.63792001	1	3.41353176	0.03629671	1	0.057	0.008
0.02758195	1	0.19212983	0.85178298	1	0.114	0.055
0.0890797	1	-0.2139141	0.99538991	1	0.019	0.039
0.9795097	1	0.45466512	0.97365352	1	0	0.016
0.85294271	1	-0.1917587	0.41090612	1	0.105	0.157
1	1	-0.0465426	1	1	0	0
0.03558225	1	0.33646089	0.25411428	1	0.124	0.11

0.62759351	1	-0.6258186	0.05997619	1	0.219	0.189
0.03801254	1	1.18810874	0.05240316	1	0.048	0.055
0.37554525	1	0.20434553	0.35552282	1	0.181	0.205
0.00786282	1	0.34962318	0.18478437	1	0.257	0.276
0.1363756	1	1.05626031	0.00138414	1	0.229	0.189
0.75197797	1	1.18075648	0.58653277	1	0.029	0.016
0.1557542	1	0.69570044	0.16725694	1	0.086	0.087
0.00200406	1	0.59702126	0.05359105	1	0.086	0.173
0.18685635	1	-0.5465859	0.52191395	1	0.01	0.008
0.09816681	1	-0.1984654	0.48843321	1	0.514	0.528
0.82748781	1	0.25712441	0.15677448	1	0.2	0.118
0.77315408	1	0.4944623	0.24831733	1	0.01	0.031
0.75526616	1	-2.5565218	0.09401823	1	0.019	0.016
0.29836088	1	-0.398802	0.44029559	1	0	0.024
0.93362815	1	0.18924327	0.56108778	1	0.248	0.315
0.00111011	1	0.09424824	0.59060364	1	0.19	0.205
0.08953173	1	0.0658253	0.60462165	1	0.438	0.488
0.05012925	1	9.48825253	0.16448785	1	0	0.016
1	1	7.56040886	0.32710281	1	0	0
0.51370259	1	-0.9061205	0.54877979	1	0	0.016
0.34867467	1	-0.2012729	0.94947471	1	0.581	0.504
0.30884832	1	1.0442745	0.43966909	1	0.019	0
7.99E-13	2.21E-08	-0.5330054	0.01103654	1	0.086	0.11
0.58736644	1	0.0614691	0.47992001	1	0.029	0.047
0.08906174	1	-0.5729608	0.1254282	1	0.124	0.079
0.11475737	1	-0.0348301	0.48962508	1	0.029	0.024
0.04347168	1	-0.4953866	0.74097995	1	0.076	0.016
0.47413309	1	0.68259253	0.58351143	1	0.019	0
0.07552381	1	-0.9736713	0.09316745	1	0.01	0.039
0.17405509	1	0.22584073	0.14484775	1	0.067	0.047
0.14528545	1	-0.0096703	0.72450154	1	0.181	0.181
0.84091157	1	-1.2330808	0.44491762	1	0.038	0.024
0.79556231	1	-0.1750478	0.95083671	1	0.086	0.047
0.22825354	1	0.77172879	0.00629803	1	0.114	0.087
0.96183197	1	0.66167953	0.24358521	1	0.029	0.024
0.8245015	1	0.02652835	0.780012	1	0.029	0.039
0.43126604	1	-1.1047133	0.13413484	1	0.057	0.031
0.00422249	1	-0.550165	0.1494543	1	0.105	0.031
0.10176737	1	-0.583654	0.30520094	1	0.029	0.031
0.75036143	1	-0.0317191	0.98529827	1	0.086	0.11
0.10854428	1	-0.283834	0.98377281	1	0.067	0.039
0.30884832	1	2.07269866	0.16584655	1	0.01	0
0.00268553	1	-0.6162773	0.00809828	1	0.295	0.252

0.10906146	1	-0.2077991	0.47800625	1	0.762	0.701
0.48973661	1	0.2809317	0.40853834	1	0.038	0.047
0.50388479	1	0.41776267	0.37173362	1	0.105	0.157
0.03630257	1	0.14357079	0.21309821	1	0.086	0.071
0.94000979	1	0.17572011	0.67084792	1	0.162	0.252
0.30884832	1	1.91353836	0.42993711	1	0.01	0
0.01866338	1	-0.2487555	0.206125	1	0.143	0.118
0.52004474	1	-0.0877549	0.78498263	1	0.257	0.299
1	1	-0.0465426	1	1	0	0
0.95878114	1	0.60460508	0.72628975	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.41836904	0.04861576	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.7584393	0.16448785	1	0	0.008
0.50825689	1	-0.2200336	0.67771436	1	0.029	0.008
0.79445119	1	0.61157021	0.73930489	1	0.029	0.016
0.25831255	1	0.06022282	0.87844463	1	0.267	0.268
0.47413309	1	-7.0014575	0.31142884	1	0	0
0.19301754	1	-0.0573579	0.84305429	1	0.457	0.425
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.51370259	1	0.67741997	0.97902395	1	0	0.016
0.05012925	1	7.7204876	0.32710281	1	0	0.016
0.02320386	1	-0.6136339	0.03855621	1	0.2	0.11
1	1	5.45342005	0.32710281	1	0	0
0.02153549	1	1.3481204	0.072503	1	0.057	0.087
0.41205764	1	-0.2949251	0.27717349	1	0.133	0.22
0.16745907	1	-0.0465426	1	1	0	0.008
0.51515934	1	-1.2869436	0.44491762	1	0.038	0.031
0.47413309	1	-0.5733873	0.98178118	1	0	0
0.14678093	1	0.18818069	0.78772116	1	0.048	0.055
0.10281436	1	-1.6881812	0.12961399	1	0.01	0.031
1	1	4.95779975	0.32710281	1	0	0
0.30884832	1	-3.6997515	0.54257632	1	0	0
0.09985073	1	-0.1856225	0.69682546	1	0.143	0.15
0.86381254	1	1.25142713	0.00923852	1	0.067	0.039
0.35109887	1	-0.1525293	0.57847156	1	0.133	0.094
0.8922974	1	0.08399911	0.89544999	1	0.067	0.094
0.47413309	1	-1.3472788	0.58671897	1	0	0
0.53796263	1	-0.2746626	0.91031006	1	0.057	0.031
0.40178195	1	-0.2499691	0.94352193	1	0.133	0.094
0.11448679	1	-0.6742186	0.34187193	1	0.057	0.063
0.5063762	1	1.56328262	0.2742181	1	0.01	0.016

0.36373785	1	-0.7430736	0.4517937	1	0.01	0.008
0.13183224	1	1.9373167	0.00380849	1	0.019	0.055
0.56773044	1	-0.4146436	0.61195686	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
1	1	8.31332349	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.45083523	0.98633536	1	0	0
0.30884832	1	-3.8498765	0.54257632	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.77916336	1	-0.1067445	0.78207263	1	0.029	0.055
0.39835839	1	0.31228722	0.50500246	1	0.095	0.071
0.23104029	1	0.26810873	0.30109685	1	0.133	0.047
0.01674722	1	0.70359546	0.0123959	1	0.2	0.181
0.85280155	1	-0.2826424	0.24809513	1	0.362	0.323
0.84876725	1	-0.0252761	0.96673673	1	0.029	0.118
0.47413309	1	-8.6802517	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.17964515	1	0.24754851	0.39875803	1	0	0.039
0.97638791	1	-0.9162252	0.68901619	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.09339499	1	-0.5169036	0.19272407	1	0.124	0.063
0.0755948	1	-3.7123586	0.28131505	1	0.01	0
1	1	7.60537068	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.10536053	1	-0.074434	0.95894483	1	0	0
0.01062129	1	0.45492199	0.05128309	1	0.133	0.102
1.72E-16	4.74E-12	-0.0610092	0.56429117	1	0.39	0.48
1	1	7.51466123	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.43184834	1	0.2809567	0.47879199	1	0.038	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-9.9967407	0.04168349	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.2835398	1	-0.8934337	0.0998291	1	0.133	0.094
0.16745907	1	7.96138314	0.32710281	1	0	0.008
0.85043588	1	0.2024005	0.70334705	1	0	0.024
0.67382825	1	0.04171611	0.82430542	1	0.419	0.354
0.18879922	1	0.07486796	0.24813413	1	0.171	0.157
0.60273238	1	-0.3692902	0.99042774	1	0.019	0.055
0.06909278	1	-0.6586799	0.21587864	1	0.01	0.055
0.88525878	1	0.15439307	0.09196288	1	0.638	0.614

0.43078243	1	0.11331824	0.29909888	1	0.667	0.591
0.86996564	1	-0.327563	0.3449872	1	0.105	0.079
0.60774421	1	-0.2267258	0.4267555	1	0.095	0.055
0.00991327	1	-0.598425	0.3473096	1	0.029	0.031
0.97638791	1	0.67468684	0.27556639	1	0	0.008
0.23644964	1	2.47210517	0.58031208	1	0	0.016
0.0158557	1	0.53140976	0.09047838	1	0.133	0.173
0.46743031	1	-2.1654847	0.00858227	1	0.029	0.055
0.02686588	1	1.01553027	0.0705476	1	0.067	0.079
0.43620342	1	-0.2372504	0.94619067	1	0.162	0.142
0.10596773	1	-0.1372217	0.75871013	1	0.038	0.008
0.16745907	1	9.75234227	0.02728712	1	0	0.008
0.00227416	1	-0.8357403	0.15844026	1	0.01	0.024
0.53076369	1	0.4209569	0.73435427	1	0.048	0.079
0.73032236	1	-0.0861527	1	1	0.038	0.079
0.17472976	1	2.89261634	0.0114705	1	0.019	0.039
0.21141637	1	-0.8706799	0.30421593	1	0	0
1	1	-0.0465426	1	1	0	0
0.65374527	1	0.55948932	0.98048705	1	0.038	0.063
0.33062241	1	-0.7139636	0.12023255	1	0.038	0.016
0.18274005	1	-0.0405094	0.52475624	1	0.457	0.512
0.16745907	1	-0.0465426	1	1	0	0.008
0.24219075	1	0.27214235	0.68541926	1	0.095	0.165
0.47624104	1	0.03067445	0.93554698	1	0.038	0.047
0.04792568	1	0.22741452	0.29137749	1	0.352	0.362
0.31539582	1	0.10732553	0.83042825	1	0.067	0.11
0.47413309	1	-7.9445676	0.31142884	1	0	0
0.14820265	1	-2.0477517	0.3868104	1	0.029	0
0.91950462	1	-0.0383081	0.35490849	1	0.029	0.102
0.03109939	1	0.0065425	0.33569097	1	0	0.031
1	1	-0.0465426	1	1	0	0
0.9795097	1	-0.9131598	0.66875868	1	0.019	0.016
0.47413309	1	-1.0711932	0.98178118	1	0	0
0.47413309	1	-7.1635828	0.31142884	1	0	0
0.18188107	1	0.10724045	0.29819951	1	0.067	0.079
0.32518198	1	0.02551187	0.42653097	1	0.19	0.181
0.47413309	1	2.48157526	0.10994172	1	0	0
1	1	-0.0465426	1	1	0	0
0.93185283	1	0.02259508	0.42412014	1	0.171	0.142
0.47413309	1	-7.1671404	0.31142884	1	0	0
1	1	8.76805469	0.16448785	1	0	0
0.16745907	1	6.72849109	0.32710281	1	0	0.008
0.16745907	1	9.01535381	0.16448785	1	0	0.008

0.21141637	1	-2.2490918	0.62105689	1	0.019	0
0.26057372	1	0.24833074	0.97068536	1	0.057	0.016
0.47413309	1	-0.6456769	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-9.0883083	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.9935788	1	-0.2130807	0.60630169	1	0.124	0.094
0.36869196	1	-0.3759918	0.24073833	1	0.029	0.008
0.47413309	1	-7.9008796	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.94671912	0.32710281	1	0.01	0
1	1	4.62806907	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.77248141	1	0.47188029	0.38304551	1	0	0.024
0.47413309	1	-0.1146091	0.98178118	1	0	0
0.97422854	1	-0.3843452	0.97743351	1	0.057	0.063
0.0018479	1	10.8544134	0.00293347	1	0.01	0.039
0.00014962	1	-0.1255785	0.80172106	1	0.381	0.488
0.93922844	1	-0.2990193	0.88219797	1	0	0.039
0.35624906	1	-0.4173688	0.9644948	1	0	0.031
0.49524626	1	-1.6575027	0.38862877	1	0.01	0.008
0.84408382	1	0.04834966	0.80689665	1	0.01	0.024
0.03087208	1	0.15981499	0.77553957	1	0.019	0.008
0.96461538	1	1.52136521	0.03297958	1	0.038	0.016
0.40135393	1	-0.4155949	0.74964751	1	0.01	0.055
1	1	-0.0465426	1	1	0	0
0.52011482	1	0.90545336	0.58653277	1	0.019	0.031
0.63792001	1	0.51590476	0.58351143	1	0.01	0.008
0.48216442	1	-0.0659267	0.86032303	1	0.152	0.126
0.47413309	1	0.03766926	0.98633536	1	0	0
0.47413309	1	-8.8240556	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.54233495	1	-0.1457323	0.69503205	1	0.41	0.323
1	1	-0.0465426	1	1	0	0
0.83952782	1	-0.0373034	0.91008945	1	0.495	0.402
0.47413309	1	-7.5866057	0.31142884	1	0	0
0.30884832	1	-8.5882445	0.15105729	1	0	0
0.00833687	1	0.06850165	0.86603876	1	0.429	0.528
1	1	-0.0465426	1	1	0	0
0.59751607	1	-0.4130696	0.92467359	1	0.419	0.276

0.85043588	1	-0.958311	0.23951082	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.35882559	1	-1.9968499	0.43979996	1	0.019	0.008
0.64367666	1	-8.1916466	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.23644964	1	0.19392008	0.58671897	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.150541	1	-0.6077697	0.3596811	1	0.019	0.024
0.22159623	1	-0.1430918	0.28999391	1	0.067	0.055
1	1	5.42762774	0.32710281	1	0	0
0.00037984	1	0.15922077	0.12671006	1	0.59	0.732
0.00700112	1	0.38269706	0.96920268	1	0.01	0.079
1	1	-0.0465426	1	1	0	0
0.70760064	1	-0.3386658	0.89417131	1	0.076	0.094
1	1	-0.0465426	1	1	0	0
0.69180038	1	-9.6748515	0.07816392	1	0	0.008
0.28578249	1	0.26935691	0.96304725	1	0	0.039
0.98163398	1	0.57589751	0.68103189	1	0.01	0.008
0.17110962	1	-2.2906506	0.38318926	1	0	0.039
1	1	-0.0465426	1	1	0	0
0.92746036	1	-0.0953085	0.72154584	1	0.143	0.102
0.63792001	1	-7.8024069	0.31142884	1	0	0.008
0.47413309	1	-7.3765422	0.31142884	1	0.01	0
0.35638517	1	-0.4631706	0.81833118	1	0.019	0.008
0.56885269	1	-0.1810033	0.50090176	1	0.019	0.016
1	1	8.19891666	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.2514678	0.58671897	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.03620338	1	-0.0795868	0.76092622	1	0.076	0.087
1	1	-0.0465426	1	1	0	0
0.76846275	1	0.99720161	0.7936085	1	0.01	0.016
0.63792001	1	-1.1325593	0.98178118	1	0	0.008
0.02584908	1	-0.4752556	0.30362813	1	0.076	0.071
0.16745907	1	-0.0465426	1	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.82198492	1	-0.2524711	0.9047095	1	0.076	0.142
0.542064	1	-0.3502769	0.12203923	1	0.295	0.299
1	1	-0.0465426	1	1	0	0

0.09113758	1	-0.3630758	0.23108774	1	0.505	0.535
0.47413309	1	0.81450318	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-0.0842667	0.97579778	1	0.019	0.008
0.52965176	1	-0.2205839	0.34904465	1	0.505	0.425
0.98732198	1	-0.9209969	0.13530614	1	0.086	0.126
0.2028916	1	-1.2319792	0.04471386	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.14309652	1	-1.3131808	0.35497505	1	0.029	0.008
3.16E-06	0.08710648	0.05120578	0.14974907	1	0.381	0.457
1	1	-0.0465426	1	1	0	0
0.66590449	1	-0.0331517	0.60171273	1	0.19	0.142
0.62625939	1	0.13669872	0.37164418	1	0.029	0.071
0.02036537	1	-0.4194484	0.14401468	1	0.105	0.063
0.23899359	1	-0.5683741	0.19650606	1	0.086	0.087
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.69601219	1	-3.2846849	0.30042403	1	0.01	0.008
0.97114286	1	-8.7327982	0.15105729	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.15132903	1	-2.5600473	0.02460594	1	0	0.016
0.19020402	1	-1.263469	0.40537693	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.33838385	1	0.21745352	0.28529782	1	0.038	0.087
0.82083311	1	-0.3316672	0.65510586	1	0.114	0.102
0.54868721	1	-0.1092706	0.74234905	1	0.181	0.22
0.10536053	1	-0.0746953	0.95894483	1	0	0
0.64367666	1	-9.0627822	0.31142884	1	0	0.008
1	1	8.25751143	0.32710281	1	0.01	0
0.04468742	1	0.07864765	0.39226305	1	0.362	0.37
0.90528769	1	0.8660719	0.09220406	1	0.067	0.039
0.30884832	1	-0.3802899	0.68635085	1	0	0
0.28742722	1	0.50365933	0.79929633	1	0.038	0.039
0.36127648	1	0.12727221	0.59792521	1	0.029	0.008
0.14268703	1	0.26418702	0.15716394	1	0.19	0.197
1.30E-06	0.03587424	0.17413439	0.17302548	1	0.752	0.709
0.23385587	1	1.97401819	0.33164578	1	0.01	0.016
0.28598796	1	-0.4126772	0.01044883	1	0.638	0.512
0.0920911	1	0.02208382	0.90273363	1	0.467	0.559
0.58674891	1	0.48603299	0.40536674	1	0.143	0.11
0.85897393	1	-0.534394	0.32912211	1	0.219	0.189
0.47413309	1	-7.6426785	0.31142884	1	0	0

0.24761775	1	0.4127685	0.06672434	1	0.4	0.362
0.11536667	1	-0.172796	0.84603848	1	0.086	0.071
0.42206274	1	-1.8329169	0.42994202	1	0.019	0.079
0.9299601	1	0.33611053	0.82032954	1	0.095	0.055
0.92021891	1	-0.1787277	0.90919311	1	0.057	0.039
1	1	7.22089053	0.32710281	1	0	0
0.23906368	1	-1.6917971	0.19292413	1	0.019	0.016
0.34343351	1	-0.4797846	0.93229119	1	0.029	0.016
0.5063762	1	0.3580819	0.97902395	1	0.019	0.016
0.05329713	1	-1.2024839	0.19045921	1	0.01	0.008
0.80293596	1	0.0880007	0.46532298	1	0.419	0.402
0.6775423	1	-0.0689319	0.93070889	1	0.038	0.047
0.69369234	1	0.01199813	0.93921584	1	0.171	0.197
0.49379895	1	-0.0721136	0.78337638	1	0.2	0.244
0.17040756	1	-0.283168	0.77130372	1	0.095	0.063
0.69180038	1	0.3244211	0.73467898	1	0	0.008
0.16745907	1	7.09358187	0.32710281	1	0	0.008
0.24804538	1	-0.307795	0.95476091	1	0.114	0.134
2.94E-05	0.81112095	0.67526317	0.00379167	1	0.457	0.394
0.689311	1	-0.1810469	0.31288451	1	0.257	0.197
0.50935026	1	-0.05689	0.81500037	1	0.029	0.047
0.14338184	1	-0.7731488	0.60331196	1	0.029	0.039
0.92595192	1	0.11824939	0.79684995	1	0.21	0.244
0.01207131	1	0.56773594	0.12231924	1	0.314	0.339
0.44315764	1	0.42991249	0.34504305	1	0.124	0.118
0.0275813	1	0.3554157	0.03680347	1	0.524	0.528
0.07514618	1	-4.512065	0.00512146	1	0	0.008
0.36620968	1	-0.1700819	0.81451524	1	0.019	0.008
0.05012925	1	7.60192751	0.32710281	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.96248072	1	0.0449024	0.37164642	1	0.543	0.323
1	1	-0.0465426	1	1	0	0
0.19700536	1	0.71677241	0.03991731	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.02878381	1	0.61887571	0.00076183	1	0.352	0.378
0.22998371	1	-1.6938836	0.20103125	1	0.029	0.024
0.04834815	1	0.63482199	0.14775404	1	0.162	0.165
0.14298405	1	0.13517133	0.96488262	1	0.305	0.323
0.08539031	1	0.58285232	0.4537339	1	0.181	0.126
0.64350045	1	0.28096445	0.08701577	1	0.581	0.457
0.56128519	1	-0.1811399	0.05416943	1	0.686	0.638
0.26309715	1	-1.14743	0.48789378	1	0.01	0.008

0.08251337	1	-0.0617541	0.71459147	1	0.619	0.638
0.64367666	1	-8.1473257	0.31142884	1	0.01	0.008
0.03050998	1	0.38095876	0.23028388	1	0.162	0.094
0.10955519	1	0.57974642	0.41008835	1	0.133	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.32589072	1	-0.0730244	0.56533654	1	0.105	0.11
0.21126063	1	1.69563352	3.00E-06	0.08270737	0.019	0.063
1	1	-0.0465426	1	1	0	0
0.60735648	1	1.26185393	0.14461034	1	0.086	0.071
0.96461538	1	0.31125008	0.77699816	1	0.019	0.016
0.5063762	1	0.69798992	0.43576121	1	0.019	0.016
0.55277299	1	-1.3397155	0.33760191	1	0.048	0.047
0.96762624	1	0.24824352	0.45295981	1	0.114	0.157
0.05743609	1	0.00838647	0.63533574	1	0.076	0.134
0.00659323	1	-0.6039398	0.50899593	1	0.019	0.024
0.17969063	1	0.10274551	0.30228368	1	0.133	0.134
0.30884832	1	-8.9465695	0.15105729	1	0	0
0.47413309	1	-2.3320287	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.33813192	0.58671897	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.6660682	0.31142884	1	0	0
0.29778601	1	0.19037607	0.25726961	1	0.029	0.118
0.02230922	1	-0.3395338	0.6351987	1	0.143	0.063
0.16745907	1	4.62806907	0.32710281	1	0	0.008
0.22895378	1	1.05101439	0.2742181	1	0	0.024
0.40229399	1	0.73488896	0.05914141	1	0.038	0.024
0.47413309	1	-7.8814838	0.31142884	1	0	0
0.08445636	1	1.10447224	0.58351143	1	0.01	0.024
0.88404926	1	-2.1655013	0.17992196	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
0.84519921	1	-0.1243331	0.67427916	1	0.124	0.102
0.62540899	1	-0.075725	0.802592	1	0.419	0.339
0.23499962	1	0.02197175	0.71572531	1	0.152	0.228
0.01621721	1	-0.0465426	1	1	0	0.024
2.38E-10	6.56E-06	0.1846609	0.01822614	1	0.943	0.937
0.49524626	1	-2.591118	0.16486421	1	0	0.008
0.98549647	1	-0.2134237	0.4499287	1	0.162	0.165
0.08653109	1	1.73948854	0.58031208	1	0	0.024
0.47413309	1	0.338082	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0

0.18800632	1	0.373181	0.43691393	1	0.162	0.087
0.0018479	1	9.69667905	0.16448785	1	0.038	0.039
0.4960276	1	0.0515575	0.74244333	1	0.229	0.22
0.18004814	1	-0.3758332	0.74168849	1	0.114	0.189
0.17332253	1	0.2166385	0.12498262	1	0.238	0.268
0.36763634	1	-0.0099088	0.99294859	1	0.562	0.567
0.65941505	1	0.24238657	0.63197655	1	0.019	0.039
0.20238691	1	0.1836887	0.27376655	1	0.171	0.157
0.78810898	1	0.17096623	0.3784123	1	0.095	0.15
0.63098868	1	0.02783689	0.55650934	1	0.562	0.425
0.63081966	1	-1.229072	0.16812238	1	0.019	0.031
0.15269537	1	0.1331163	0.35102707	1	0.076	0.118
0.04208188	1	0.18502979	0.71245349	1	0.048	0.087
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.27908856	1	1.02855435	0.00225007	1	0.038	0.047
0.30884832	1	-0.4994199	0.9693467	1	0.01	0
0.34287046	1	0.0169388	0.76960215	1	0.057	0.063
0.71745074	1	-0.9821349	0.65985402	1	0.029	0.031
0.0927408	1	-0.7284398	0.20317293	1	0.152	0.213
0.00011271	1	0.25924779	0.0756195	1	0.933	0.85
0.3951347	1	0.1556242	0.59334117	1	0.01	0.024
0.30884832	1	0.9749892	0.97902395	1	0	0
0.41908912	1	-0.2696883	0.87710571	1	0.038	0.047
0.47413309	1	-9.3106885	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.00794711	1	0.25467563	0.69788927	1	0.086	0.244
0.67563552	1	0.13986295	0.290109	1	0.114	0.047
0.64570683	1	0.43708498	0.80958463	1	0.114	0.102
0.62802704	1	0.53389917	0.01882822	1	0.029	0.071
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.4923413	0.31142884	1	0	0
0.47413309	1	-7.5206816	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.49910514	1	1.66931388	0.43576121	1	0.01	0.016
0.48400925	1	0.88893959	5.39E-06	0.14876189	0.152	0.26
0.17110962	1	1.6890266	0.11404664	1	0.01	0.039
0.09395142	1	0.52789659	0.03004231	1	0.038	0.039
0.79305752	1	-0.3986549	0.38144058	1	0.038	0.047
1	1	7.90963655	0.32710281	1	0.01	0

0.92705677	1	-0.7167936	0.55340292	1	0.029	0.031
0.51647768	1	-1.6652179	0.17990978	1	0.019	0.031
0.83141048	1	0.46015307	0.31292822	1	0.038	0.024
0.47079203	1	0.14180714	0.6158962	1	0.048	0.063
0.01319325	1	0.02076802	0.72830192	1	0.095	0.102
1.41E-11	3.89E-07	-0.4571973	0.01692539	1	0.105	0.094
1	1	-0.0465426	1	1	0	0
0.0755948	1	-0.3219715	0.49600233	1	0	0
0.62810871	1	0.13133237	0.40958172	1	0.029	0.024
0.30180298	1	-0.62539	0.22877934	1	0.038	0.047
0.68671955	1	0.53425723	0.45479762	1	0.019	0.031
0.09461969	1	-0.0331053	0.78216823	1	0.229	0.157
0.78859158	1	0.61952144	0.11795889	1	0.057	0.047
0.01380292	1	0.38200968	0.5060192	1	0.019	0.087
0.27963805	1	-0.336696	0.60758045	1	0.029	0.031
0.50715777	1	-0.2250522	0.72419189	1	0.086	0.118
0.19926492	1	-0.6880185	0.00777628	1	0.152	0.157
0.87826711	1	-0.164746	0.62562131	1	0.133	0.15
0.48945582	1	0.36109338	0.20529497	1	0.133	0.102
0.52011482	1	-2.1934797	0.43979996	1	0.029	0.031
1	1	8.07204347	0.32710281	1	0	0
0.47413309	1	0.68818586	0.98633536	1	0	0
0.72893823	1	0.63347921	0.10845816	1	0.143	0.079
0.36869196	1	0.79672575	0.03074159	1	0.01	0.008
0.79350216	1	-0.2890577	0.9295129	1	0.076	0.047
0.19589673	1	-0.7017714	0.28382958	1	0.029	0.016
0.12135231	1	0.15941328	0.22293139	1	0.2	0.205
0.01423373	1	0.6030304	0.68368941	1	0	0.047
0.00030961	1	0.04045613	0.3356678	1	0.038	0.094
0.73611353	1	-0.3110779	0.60182847	1	0.171	0.087
1	1	-0.0465426	1	1	0	0
0.00273877	1	0.79572597	0.04192025	1	0.362	0.283
0.5063762	1	2.5153973	0.10133508	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	8.25887137	0.32710281	1	0	0
1	1	7.51925173	0.32710281	1	0	0
0.10635645	1	-0.312948	0.65022807	1	0.048	0.016
0.02943707	1	0.635973	0.02733518	1	0.067	0.11
0.16745907	1	-0.0465426	1	1	0	0.008
0.05375329	1	-0.4882021	0.31826195	1	0.371	0.331
0.70446388	1	-0.431688	0.96304561	1	0	0.008
0.09138946	1	3.06020893	0.00783139	1	0.067	0.031
1	1	-0.0465426	1	1	0.01	0

1	1	-0.0465426	1	1	0	0
0.7318984	1	0.07768496	0.95552607	1	0.095	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.97638791	1	0.13198302	0.68635085	1	0.019	0.008
0.25311148	1	0.33499325	0.39494095	1	0.029	0.039
0.70023339	1	1.21440676	0.14282253	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1.02E-05	0.28090563	0.23810581	0.48475186	1	0.419	0.52
0.00096962	1	-0.1547307	0.88304469	1	0.21	0.102
0.47413309	1	2.39721587	0.58351143	1	0	0
0.6323814	1	-0.9625356	0.66652704	1	0.019	0.024
0.50273372	1	-2.4632138	0.54567368	1	0.01	0.016
1	1	8.21748467	0.16448785	1	0	0
0.05012925	1	-0.0465426	1	1	0.01	0.016
0.07939913	1	-0.5725271	0.08857318	1	0.181	0.165
1	1	-0.0465426	1	1	0	0
0.98163398	1	2.10782095	0.10361527	1	0.029	0.008
1	1	8.23458774	0.32710281	1	0	0
0.57713347	1	-0.0780297	0.72813413	1	0.01	0.016
1	1	6.51311759	0.16448785	1	0	0
0.0287361	1	0.20710227	0.74876136	1	0.238	0.276
0.59487867	1	-0.0989067	0.88441847	1	0.048	0.11
0.85679766	1	0.65199493	0.31188197	1	0.019	0.024
0.32858726	1	-0.2276488	0.74921445	1	0.057	0.087
0.47413309	1	-0.315939	0.58671897	1	0	0
0.41514627	1	1.92281444	0.01386113	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.61584182	1	0.70152164	0.96162754	1	0.067	0.024
0.98163398	1	-4.3866394	0.54257632	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.20950485	1	0.36334022	0.44971014	1	0.086	0.102
1	1	-0.0465426	1	1	0.01	0
0.05580807	1	-0.1886983	0.7513645	1	0.029	0.008
0.2816867	1	0.25077779	0.52212972	1	0.133	0.11
0.13685284	1	-0.0560152	0.86552193	1	0.162	0.15
0.56137493	1	-0.2662663	0.33802361	1	0.229	0.228
0.53431572	1	-0.1486464	0.83396204	1	0.143	0.213
0.0095037	1	0.40430415	0.18280499	1	0.067	0.071
0.28056547	1	0.56356759	0.05341026	1	0.029	0.079
0.10363172	1	1.32447742	0.02032577	1	0	0.008

0.00755253	1	0.24288246	0.19011809	1	0.143	0.094
0.64405948	1	-0.4141199	0.90492292	1	0.019	0.031
0.4114115	1	-0.2824756	0.99735164	1	0.238	0.15
0.042957	1	0.00130383	0.93892192	1	0.276	0.252
0.6241943	1	-0.0693266	0.87133655	1	0.162	0.142
0.05425763	1	-0.3537683	0.42638934	1	0.057	0.024
0.53469428	1	0.35091767	0.40193934	1	0.162	0.165
0.70446388	1	-3.117521	0.29853994	1	0	0.008
0.00959598	1	-0.3636569	0.06437257	1	0.038	0.055
1	1	-0.0465426	1	1	0	0
0.50172925	1	1.18982279	0.03297958	1	0.019	0.008
0.83774189	1	-1.1757353	0.68931947	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.05012925	1	7.40544908	0.32710281	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.67013997	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-10.099328	0.15105729	1	0	0.008
0.70446388	1	0.60083932	0.9683218	1	0.01	0.008
0.00735351	1	0.40297576	0.02256161	1	0.248	0.449
0.03885424	1	0.19365682	0.56349175	1	0.162	0.173
0.24193809	1	-0.9467674	0.48789378	1	0.019	0.047
0.4295535	1	-0.1641526	0.83586382	1	0.01	0.039
0.16745907	1	-0.0465426	1	1	0	0.008
0.01621721	1	8.1612908	0.16448785	1	0.01	0.024
0.01205917	1	0.48062318	0.15973414	1	0.352	0.37
0.70048081	1	-0.2914051	0.95728057	1	0.314	0.228
0.00513638	1	0.23251425	0.39331214	1	0.448	0.48
1	1	-0.0465426	1	1	0	0
0.50498751	1	-10.334029	0.04168349	1	0.01	0.008
0.07058213	1	0.82433365	0.02149549	1	0.219	0.173
0.6323814	1	-0.3110839	0.6754711	1	0	0.024
0.72052904	1	0.89248497	0.07143686	1	0.114	0.071
0.24706773	1	-0.3299316	0.64370513	1	0.076	0.047
1	1	-0.0465426	1	1	0	0
0.23908839	1	0.00580479	0.69867866	1	0.4	0.268
0.00022074	1	0.00582261	0.90228487	1	0.905	0.874
0.11887804	1	0.12431545	0.22857055	1	0.867	0.843
0.91310204	1	0.27529033	0.4130857	1	0.143	0.157
0.47413309	1	-5.9265049	0.31142884	1	0.01	0
0.95545477	1	-0.3790081	0.55545163	1	0.314	0.236
0.4714043	1	-0.5760607	0.0949825	1	0.105	0.181

0.9701881	1	-1.0779417	0.0945245	1	0.038	0.039
0.00152119	1	0.29412777	0.24406798	1	0.629	0.622
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.2093622	0.58671897	1	0	0
0.47413309	1	-3.4721619	0.98178118	1	0	0
0.30884832	1	-1.4628529	0.54257632	1	0.01	0
0.55136184	1	0.09241655	0.79421876	1	0.143	0.11
0.65712355	1	-0.7988917	0.00661173	1	0.352	0.323
0.04674646	1	-0.0585203	0.75131138	1	0.552	0.496
1	1	-0.0465426	1	1	0	0
0.14820265	1	-10.166176	0.04168349	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.5597863	0.16448785	1	0.01	0.008
0.70613125	1	-0.2583595	0.90185991	1	0.067	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.19095106	1	0.3503393	0.83683215	1	0	0.008
0.47413309	1	0.58243887	0.98633536	1	0	0
0.08548864	1	1.23810616	0.33366442	1	0.019	0.024
0.13233659	1	-0.6697943	0.67525159	1	0.048	0.063
0.58261336	1	-0.4017906	0.84337175	1	0.029	0.071
0.47413309	1	-0.6342679	0.98178118	1	0	0
0.07241957	1	-0.5424058	0.42691057	1	0.076	0.047
3.29E-11	9.07E-07	0.24579828	0.00180984	1	0.981	0.984
1	1	-0.0465426	1	1	0	0
0.65689556	1	-0.7849901	0.33990927	1	0.19	0.126
0.23353559	1	-0.4084102	0.50476003	1	0.048	0.031
0.34158419	1	-1.319676	0.11561442	1	0.029	0.016
0.64520925	1	-0.5137926	0.89878026	1	0.048	0.047
0.30884832	1	-9.2950524	0.15105729	1	0	0
0.7455038	1	-0.9266968	0.24956287	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.68471579	1	-0.4549393	0.01695697	1	0.505	0.425
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-2.2556533	0.98178118	1	0.019	0
0.85998207	1	-0.1462485	0.95894483	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.78658181	1	0.9752166	0.22148212	1	0.01	0.016
0.05012925	1	-0.0465426	1	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.10536053	1	0.27776299	0.81451524	1	0.01	0
0.08949756	1	-0.0580287	0.94306293	1	0.314	0.307
0.22502458	1	0.18755836	0.97579778	1	0	0.024

0.62067844	1	-0.87046	0.30601052	1	0.133	0.157
1	1	-0.0465426	1	1	0	0
0.43158422	1	-0.0353842	0.83056264	1	0.048	0.039
1	1	-0.0465426	1	1	0	0
0.02741861	1	0.03379082	0.47105676	1	0.19	0.126
0.63792001	1	0.53929328	0.98633536	1	0	0.008
0.98163398	1	-8.8042718	0.15105729	1	0	0.008
0.0604682	1	0.11453407	0.38139055	1	0.267	0.236
0.05012925	1	9.07629687	0.16448785	1	0	0.016
0.47413309	1	-8.4602568	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.00228318	1	0.44609987	0.01303399	1	0.419	0.409
0.96793525	1	-0.8491702	0.05314146	1	0.01	0.024
0.14828349	1	-0.4550113	0.39993171	1	0.048	0.071
1	1	7.47635806	0.32710281	1	0	0
0.12353655	1	-0.6121385	0.09750396	1	0.162	0.173
0.00567662	1	-0.1455495	0.38999117	1	0.267	0.339
1	1	-0.0465426	1	1	0	0
0.00151345	1	-0.4148877	0.60272203	1	0.152	0.15
0.02953786	1	3.56145821	0.02100607	1	0.01	0.031
1	1	8.42353376	0.32710281	1	0	0
0.53525525	1	-0.2328168	0.24563615	1	0.39	0.323
0.00088764	1	-0.1452666	0.88670602	1	0.533	0.52
0.16745907	1	-0.0465426	1	1	0	0.008
0.63353908	1	-0.1738358	0.97909641	1	0.152	0.118
1	1	-0.0465426	1	1	0	0
0.42353908	1	0.10728335	0.75218936	1	0.162	0.307
0.59312684	1	0.41003296	0.10343462	1	0.057	0.039
0.29252265	1	1.07338522	0.05146263	1	0.057	0.094
7.62E-05	1	0.42085536	0.02328485	1	0.229	0.165
0.00462263	1	-0.3170935	0.14553919	1	0.362	0.228
0.06518265	1	0.03269052	0.53659736	1	0.238	0.173
0.47413309	1	-8.0689118	0.31142884	1	0.01	0
0.00010247	1	0.16847487	0.60776625	1	0.076	0.268
1	1	-0.0465426	1	1	0.01	0
0.26667955	1	-0.1992276	0.51938974	1	0.6	0.465
0.47413309	1	-7.4945441	0.31142884	1	0	0
0.30884832	1	-0.6718293	0.54877979	1	0	0
1	1	-0.0465426	1	1	0	0
0.14160718	1	-0.0109787	0.9705912	1	0.067	0.079
0.57461848	1	-0.8651196	0.13212591	1	0.133	0.15
0.02166158	1	0.09801008	0.31985395	1	0.314	0.37

0.31294863	1	0.25639044	0.42116318	1	0.038	0.055
0.56767249	1	-0.1805797	0.93403473	1	0.114	0.134
1	1	7.67936043	0.32710281	1	0.01	0
0.00029317	1	-0.2672214	0.89450773	1	0.01	0.031
0.00333569	1	0.65397958	0.00382178	1	0.114	0.118
0.63546533	1	-0.9615886	0.94847902	1	0.029	0.024
0.56511173	1	0.28854298	0.70533528	1	0.143	0.15
0.02722995	1	0.59104649	0.07634914	1	0.229	0.157
0.77209764	1	0.1209879	0.74343878	1	0.419	0.394
0.00280942	1	-0.3103557	0.45832776	1	0.086	0.102
0.00501905	1	-0.0130771	0.5103059	1	0.029	0.047
0.02833788	1	0.13382388	0.33805541	1	0.59	0.551
1	1	-0.0465426	1	1	0	0
0.25461612	1	-0.4253435	0.23370015	1	0.267	0.157
0.93972983	1	-0.6539929	0.18008861	1	0.124	0.15
0.38297839	1	-0.6835781	0.24698453	1	0.057	0.063
0.55485281	1	0.30592683	0.23626882	1	0.238	0.197
0.05255857	1	0.96354896	0.08140143	1	0.143	0.134
0.0864229	1	0.54067424	0.36445448	1	0.038	0.094
0.12271076	1	0.39845515	0.1789112	1	0.238	0.213
0.22423632	1	-1.673554	0.06485563	1	0.019	0.031
0.08629759	1	0.05036689	0.53718666	1	0.019	0.165
0.54017965	1	1.22835066	0.04326902	1	0.038	0.031
0.22325003	1	0.37154297	0.13938843	1	0.086	0.165
0.01929419	1	-2.4568709	0.00402266	1	0.029	0.016
0.5250525	1	-0.9056552	0.10273446	1	0.076	0.094
0.65519402	1	-0.032768	0.57692563	1	0.181	0.173
0.49910514	1	0.93302669	0.43576121	1	0.019	0.016
0.55378934	1	-1.1671561	0.06151583	1	0.2	0.071
0.71621841	1	1.26167751	0.05544217	1	0.019	0.039
0.16113286	1	0.21326008	0.7863179	1	0.048	0.031
0.25729789	1	-0.001066	0.74383186	1	0.314	0.315
0.5063762	1	1.30963885	0.17117359	1	0	0.016
0.83433237	1	0.02556289	0.65861065	1	0.248	0.299
0.6323814	1	-2.4080857	0.16819352	1	0.01	0.024
0.41247808	1	-0.0243485	0.63389996	1	0	0.024
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.43158422	1	0.8575847	0.12296523	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
2.26E-05	0.62239295	-0.3683844	0.08879395	1	0.029	0.031
0.36620968	1	0.32322972	0.31608083	1	0.01	0.008
0.28645348	1	0.81124377	0.08522216	1	0.029	0.047

0.78015623	1	0.85536505	0.0118346	1	0.086	0.102
0.18516027	1	-0.8235997	0.02266853	1	0.162	0.157
0.88547872	1	0.21703859	0.33434512	1	0.133	0.094
0.00528748	1	0.91895887	0.97902395	1	0.01	0.055
0.30884832	1	-1.5029504	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
0.08737516	1	0.1772905	0.60408907	1	0.276	0.244
0.09731694	1	0.15512813	0.38710022	1	0.095	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.6499562	0.15105729	1	0	0
0.69180038	1	-1.2511539	0.62618056	1	0	0.008
0.98163398	1	-8.7662253	0.15105729	1	0	0.008
0.27714433	1	-0.2875026	0.37153974	1	0.105	0.134
0.85361558	1	0.08531992	0.80689665	1	0.038	0.024
0.68513651	1	-1.6011351	0.03174464	1	0.019	0.079
0.02096544	1	-0.0597286	0.97148353	1	0.076	0.102
0.18072052	1	-0.1962111	0.66343818	1	0.124	0.165
1	1	-0.0465426	1	1	0	0
0.00304036	1	-0.8630788	0.09726567	1	0.124	0.031
0.00014002	1	1.49573163	1.73E-20	4.78E-16	0.257	0.441
0.19820845	1	1.77473404	0.0103083	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.63870515	1	0.74884103	0.00296243	1	0.029	0.189
0.47413309	1	-0.4371918	0.58671897	1	0.01	0
0.12080618	1	1.3638299	2.47E-16	6.82E-12	0.248	0.528
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.71794724	0.98633536	1	0	0.008
0.01648753	1	0.08805253	0.73881013	1	0.21	0.37
0.75526616	1	-0.5112379	0.6993286	1	0	0.016
0.33901461	1	-0.0322887	0.23461687	1	0.19	0.157
0.51558499	1	0.54244095	0.04425602	1	0.152	0.173
1	1	-0.0465426	1	1	0	0
0.14820265	1	-0.4616612	0.67099324	1	0.019	0
0.18573831	1	-0.6550813	0.93186648	1	0.029	0.016
0.895401	1	0.55319866	0.32304737	1	0.171	0.094
0.38562882	1	0.13739949	0.51275381	1	0.39	0.339
0.74347263	1	-0.2345436	0.41472672	1	0.371	0.331
0.91400335	1	-0.0154313	0.46114901	1	0.219	0.213
0.78043011	1	-0.365682	0.57168425	1	0.21	0.197
1.65E-09	4.56E-05	-0.1319518	0.43118705	1	0.171	0.102

0.22045805	1	0.06719547	0.88753094	1	0.067	0.063
1	1	-0.0465426	1	1	0	0
0.36373785	1	0.54557809	0.21933802	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.75855879	1	1.08709179	0.30462284	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.9490833	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.64465742	0.16448785	1	0	0.008
0.16745907	1	-0.0465426	1	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.00155256	1	0.35141019	0.07567085	1	0.343	0.425
0.78658181	1	-10.81771	0.07816392	1	0.01	0.016
0.38898387	1	0.4579	0.45657506	1	0.067	0.094
0.78992081	1	0.1593941	0.1765716	1	0.133	0.11
1.62E-06	0.04482023	0.04120222	0.96357049	1	0.552	0.669
0.86635767	1	0.56005565	0.10157346	1	0.038	0.024
0.8259162	1	0.24514139	0.25813267	1	0.124	0.173
0.47413309	1	-7.6818902	0.31142884	1	0	0
0.44546699	1	-1.0134737	0.23894731	1	0.114	0.087
0.36035937	1	0.26544921	0.08051979	1	0.238	0.307
0.02814557	1	-0.2986206	0.96311367	1	0.057	0.031
0.45042204	1	0.35918993	0.13630359	1	0.2	0.26
0.00022788	1	0.12068145	0.39767899	1	0.076	0.118
0.0089494	1	0.19071936	0.34851275	1	0.19	0.197
0.61584182	1	-1.265634	0.3573357	1	0.019	0.024
0.967084	1	-0.3131692	0.48320367	1	0.067	0.15
0.113031	1	0.11616489	0.525189	1	0.238	0.126
0.00821118	1	-0.0553345	0.84753138	1	0.648	0.583
0.00185518	1	0.82409463	0.00152407	1	0.257	0.323
0.40229399	1	-0.8582145	0.17339873	1	0.048	0.024
0.00780424	1	-0.26593	0.78567777	1	0.314	0.37
0.62073596	1	-0.1268013	0.55088292	1	0.019	0.024
0.38889715	1	-0.2597428	0.77734298	1	0.029	0.039
0.49524626	1	-3.5495474	0.16486421	1	0.01	0.008
0.9349955	1	-0.5890789	0.53865372	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
0.48472632	1	-0.0234679	0.61077177	1	0.638	0.614
0.54790338	1	-0.5415959	0.05867796	1	0.238	0.268
0.65679388	1	-0.3049819	0.79959904	1	0.352	0.252
0.22502458	1	1.07854748	0.4338148	1	0	0.024
0.67405813	1	-0.0767414	0.69475898	1	0.381	0.331
2.27E-05	0.62547429	0.07498682	0.25392794	1	0.971	0.969

0.47448157	1	-0.0608397	0.57688823	1	0.2	0.205
0.178308	1	0.16074529	0.53557723	1	0.295	0.346
0.9349955	1	0.10946969	0.1638664	1	0.048	0.031
0.09122891	1	0.68320223	0.7416214	1	0.029	0.039
0.72838781	1	-1.0572445	0.07581139	1	0.124	0.11
0.97638791	1	0.29995496	0.97579778	1	0.01	0.008
0.64367666	1	1.76816813	0.33164578	1	0	0.008
0.81981169	1	-0.3071604	0.80614504	1	0.124	0.15
0.15528904	1	0.539813	0.0756967	1	0.41	0.402
0.0029703	1	0.05086285	0.30330859	1	0.667	0.614
0.17706623	1	0.10547658	0.54285882	1	0.076	0.094
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.02513348	0.33366442	1	0	0
0.03288771	1	-0.3370553	0.06121835	1	0.362	0.299
0.96406622	1	-0.5420316	0.75132141	1	0.067	0.087
0.09467417	1	0.09107012	0.88581318	1	0.076	0.087
0.5063762	1	-4.4274686	0.54257632	1	0.01	0.016
0.61611505	1	-0.1250244	0.8847974	1	0.419	0.315
1	1	-0.0465426	1	1	0	0
0.09816961	1	0.22653531	0.96777166	1	0.076	0.087
0.20217413	1	-0.3960922	0.13111464	1	0.305	0.291
1	1	-0.0465426	1	1	0	0
0.41247808	1	0.75571627	0.22343352	1	0.048	0.024
0.21141637	1	-0.5573066	0.6287492	1	0.01	0
0.62897667	1	-0.4191795	0.06272817	1	0.41	0.276
0.51925087	1	0.54397245	0.53406616	1	0.133	0.126
0.20537032	1	-0.4077797	0.29007217	1	0.257	0.26
0.03750853	1	2.38918309	0.03779661	1	0.048	0.039
0.17318538	1	-0.1559034	0.63997294	1	0.229	0.165
0.00075476	1	-0.1027376	0.70355696	1	0.171	0.118
3.53E-14	9.73E-10	0.02514064	0.76573179	1	0.438	0.37
1	1	-0.0465426	1	1	0	0
0.0237286	1	-0.3081546	0.15817585	1	0.438	0.291
0.47413309	1	2.20007028	0.98633536	1	0	0
0.09138946	1	2.3033292	0.42800583	1	0	0.031
0.15190365	1	-1.34376	0.15451171	1	0.095	0.094
0.1068645	1	0.09770058	0.72052885	1	0.152	0.173
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4602568	0.31142884	1	0	0
0.47413309	1	0.90575756	0.19292413	1	0.01	0
0.74350468	1	-0.2284319	0.59258681	1	0.467	0.307
0.13741221	1	-0.6170457	0.852604	1	0.038	0.024
0.2943987	1	-0.1457917	0.72358855	1	0.21	0.157

0.97114286	1	-2.8331299	0.54257632	1	0	0.008
0.09128225	1	-0.919392	0.3858309	1	0.124	0.165
0.40678267	1	0.03777953	0.61750225	1	0.476	0.504
0.10407987	1	-0.291747	0.2491121	1	0.038	0.126
0.01621721	1	4.62806907	0.32710281	1	0	0.024
0.97638791	1	-4.4866951	0.54257632	1	0	0.008
0.48973661	1	-0.617525	0.55171489	1	0.057	0.047
0.30884832	1	0.97411062	0.67837832	1	0.01	0
0.36869196	1	-0.1073113	0.6993286	1	0.01	0.008
0.30884832	1	-0.9332769	0.54567368	1	0.029	0
0.70046391	1	-0.2183625	0.54672033	1	0.39	0.378
0.03168067	1	0.20510426	0.42155687	1	0.524	0.354
0.92831343	1	-1.7299509	0.1449866	1	0.019	0.024
0.22425346	1	-0.2903773	0.08352539	1	0.524	0.598
5.23E-06	0.14444813	0.12032119	0.80321919	1	0.905	0.866
0.46500527	1	-0.2851879	0.36083973	1	0.619	0.614
0.76969987	1	0.84085192	0.49088168	1	0.029	0.024
0.98507028	1	-0.0093738	0.76570832	1	0.2	0.126
0.21141637	1	-0.8773958	0.30231602	1	0	0
0.86839736	1	0.21314035	0.18921825	1	0.267	0.331
0.17345939	1	-0.0313373	0.76553533	1	0.705	0.732
0.76786051	1	0.28059756	0.05672284	1	0.181	0.071
0.00088222	1	-0.1231248	0.87060504	1	0.286	0.457
1.01E-05	0.27828577	0.16154217	0.28746915	1	0.705	0.709
0.07241057	1	0.13653074	0.26007701	1	0.457	0.425
0.64367666	1	0.43137096	0.98633536	1	0	0.008
0.03202276	1	-0.2243681	0.73742806	1	0.019	0.039
0.52724557	1	-0.324171	0.43051155	1	0.086	0.055
0.57436691	1	1.20298004	0.05541499	1	0.01	0.016
0.47413309	1	-7.9620779	0.31142884	1	0	0
0.92008817	1	0.17060519	0.21048536	1	0.095	0.094
0.01276269	1	-0.1170018	0.84379838	1	0.067	0.055
0.16745907	1	9.68718023	0.08811101	1	0	0.008
0.01126199	1	0.33608016	0.0353876	1	0.562	0.535
0.67538906	1	0.25191449	0.78248956	1	0.019	0.031
0.01026619	1	0.02271962	0.79888059	1	0.048	0.079
0.41111426	1	0.22324967	0.21605621	1	0.105	0.11
0.06265541	1	0.07209555	0.55388363	1	0.181	0.134
0.00358042	1	-1.0122731	0.1826815	1	0.029	0.016
1.21E-08	0.00033315	-0.4795423	0.00243624	1	0.267	0.228
1	1	-0.0465426	1	1	0	0
6.75E-05	1	-0.3459064	0.30636085	1	0.229	0.126
0.1731163	1	1.30655609	0.00061703	1	0.143	0.102

0.47413309	1	0.93315717	0.98633536	1	0	0
0.50234742	1	-0.9621523	0.5540738	1	0.038	0.024
0.09082334	1	-0.0511777	0.83010682	1	0.133	0.189
0.00758415	1	0.21612208	0.23085131	1	0.124	0.118
2.45E-10	6.76E-06	0.18205436	0.8002552	1	0.219	0.228
0.022856	1	-0.4859985	0.08966392	1	0.2	0.197
0.58414592	1	-0.7128244	0.10846394	1	0.067	0.079
0.63041401	1	0.40168486	0.35252701	1	0.257	0.252
0.05012925	1	8.55782071	0.32710281	1	0	0.016
0.00427941	1	-0.7657624	0.08296584	1	0.095	0.047
0.6134831	1	0.10566293	0.93190621	1	0.057	0.094
1	1	7.09358187	0.32710281	1	0.01	0
0.04186186	1	0.98302491	0.03735137	1	0.133	0.142
0.62623274	1	-0.8800598	0.39411505	1	0	0.024
0.13998636	1	-2.6446476	0.01663819	1	0	0.008
0.11678054	1	-0.3517621	0.60492092	1	0.057	0.016
0.43031836	1	-0.1216611	0.85336675	1	0	0.016
0.52950965	1	-0.2609226	0.78377978	1	0.114	0.11
0.01278378	1	-0.1451913	0.38998246	1	0.381	0.339
0.82989962	1	0.27377081	0.94275738	1	0.076	0.071
0.78084345	1	0.44827385	0.37051543	1	0.019	0.024
0.65044825	1	-0.4125523	0.93554698	1	0.01	0.024
0.37721584	1	-0.6585888	0.41204274	1	0.048	0.079
0.74541514	1	1.1701697	0.04307436	1	0.048	0.016
0.55789773	1	0.52039277	0.07507949	1	0.067	0.047
0.21141637	1	-0.3447322	0.9683218	1	0.019	0
0.20003701	1	1.48717269	0.33392162	1	0.038	0.031
0.39553156	1	0.09151002	0.31777354	1	0.295	0.252
1	1	8.62532612	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.62316808	1	1.04656863	0.38786581	1	0.019	0.024
0.4860677	1	0.06448565	0.69158164	1	0.181	0.26
1	1	7.61285947	0.32710281	1	0	0
0.15474553	1	-0.2662147	0.30192575	1	0.419	0.331
0.4438687	1	-0.7187625	0.93211551	1	0.01	0.016
0.65959393	1	-0.5018262	0.51523146	1	0.124	0.173
1.80E-13	4.96E-09	-0.1012638	0.20732048	1	0.381	0.394
7.71E-07	0.02127063	0.02063038	0.71071989	1	0.581	0.472
2.67E-13	7.37E-09	-0.148303	0.31487684	1	0.238	0.244
0.00505557	1	-0.2853996	0.28996867	1	0.114	0.189
8.32E-11	2.30E-06	0.02647903	0.32887214	1	0.21	0.173
0.01707999	1	-0.2714551	0.47941455	1	0.19	0.173
1	1	8.38142637	0.32710281	1	0	0

0.47836168	1	-0.2842948	0.5997274	1	0.124	0.173
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.52056812	1	-0.3210102	0.87181055	1	0.095	0.11
0.01852339	1	-0.4301221	0.33541012	1	0.181	0.165
0.04653817	1	-0.3081552	0.63011317	1	0.038	0.039
0.23546346	1	-0.6359193	0.48782631	1	0.19	0.079
0.4853542	1	-0.4482165	0.71957189	1	0.133	0.142
0.25942163	1	-5.8467792	0.05091781	1	0.01	0.008
0.96461538	1	-0.4417251	0.95534075	1	0.01	0.016
0.30251701	1	-0.3657121	0.80879961	1	0.029	0.039
6.76E-06	0.18663779	0.60254568	0.0203782	1	0.21	0.291
0.7983938	1	1.18464414	0.05761076	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.91217538	1	-0.4141595	0.06535167	1	0.19	0.22
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.4465503	0.31142884	1	0	0
0.64722722	1	-0.7767543	0.44470785	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
0.50825689	1	-1.9820898	0.38318926	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.77806152	1	-0.7663144	0.72267082	1	0.029	0.031
0.97578525	1	2.21852084	0.53760017	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
0.78658181	1	-2.9208356	0.29853994	1	0.01	0.016
0.25695219	1	0.55636035	0.01128482	1	0.095	0.165
0.16745907	1	-0.0465426	1	1	0	0.008
0.02208444	1	0.22176211	0.10295902	1	0.505	0.543
0.96089352	1	0.73593633	0.38786581	1	0.01	0.016
0.30884832	1	-2.7145597	0.54257632	1	0.01	0
0.18885322	1	-0.9398334	0.16768108	1	0.067	0.047
1	1	9.71068617	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.1801464	0.04861576	1	0	0
0.3379047	1	-0.637747	0.72506741	1	0.019	0.016
0.01621721	1	8.19456738	0.16448785	1	0	0.024
0.63792001	1	2.00249403	0.19045963	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.28925726	1	0.84794334	0.27621097	1	0.029	0.071
0.26141789	1	0.58214939	0.0973765	1	0.257	0.252
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.07401579	1	0.24972802	0.58622171	1	0.029	0.008
0.89502488	1	0.22229274	0.20456184	1	0.038	0.031
0.0053273	1	-0.6365565	0.14495763	1	0.105	0.055
0.47413309	1	-7.7559017	0.31142884	1	0	0
0.78353484	1	0.03694079	0.6489805	1	0.381	0.283
0.14391166	1	0.62378251	0.04675105	1	0.162	0.181
0.00061313	1	0.25996009	0.1113166	1	0.59	0.646
0.47413309	1	-1.4939482	0.98178118	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.12077267	1	0.14165397	0.32730292	1	0.01	0.031
0.63304464	1	0.12685016	0.86814616	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00036469	1	0.00431674	0.99898859	1	0.838	0.811
0.00239898	1	-0.0018894	0.52902422	1	0.238	0.291
1	1	-0.0465426	1	1	0	0
0.29836088	1	-0.4863464	0.43473394	1	0.057	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.36620968	1	-1.1439736	0.69732252	1	0.01	0.008
0.64651582	1	-0.0433313	0.64497507	1	0.114	0.071
1	1	-0.0465426	1	1	0.01	0
0.19059236	1	0.52436846	0.64947022	1	0.048	0.055
0.04378747	1	-0.3750618	0.7269064	1	0.029	0.031
0.46506034	1	-0.9934224	0.34399114	1	0.038	0.039
0.0450541	1	-0.1962515	0.78838445	1	0.048	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.08557238	1	-0.2139268	0.64731791	1	0.257	0.102
1	1	6.94079156	0.32710281	1	0	0
0.14820265	1	0.17421325	0.77907649	1	0.019	0
0.47413309	1	-0.4306806	0.98178118	1	0	0
1	1	7.69151378	0.32710281	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.26018913	1	0.16639807	0.77865631	1	0.057	0.094
0.97638791	1	0.51547833	0.43771264	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.77315408	1	0.49227573	0.13255977	1	0.048	0.031

1	1	8.28588233	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.49910514	1	0.03461819	0.54877979	1	0.019	0.016
0.22762584	1	0.35446693	0.61321846	1	0.19	0.244
0.33666568	1	-0.0479301	0.79601987	1	0.505	0.449
0.64367666	1	-0.3787733	0.98178118	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.88745995	1	-0.0668915	0.83901477	1	0.21	0.236
0.6249561	1	-0.129653	0.87037506	1	0.133	0.173
2.85E-08	0.0007875	0.25792231	0.04503634	1	0.629	0.724
0.80175126	1	-0.4632717	0.75410069	1	0.076	0.047
0.66057933	1	0.11584876	0.42001418	1	0.057	0.071
1	1	-0.0465426	1	1	0	0
0.18975049	1	0.18595117	0.18269514	1	0.419	0.37
0.32970613	1	0.25798824	0.846753	1	0.314	0.283
0.03989505	1	0.09414097	0.80384427	1	0.362	0.433
0.96046723	1	0.95844437	0.05697384	1	0.086	0.071
2.03E-05	0.56044061	-0.4033142	0.05305947	1	0.19	0.244
0.6323814	1	0.16892972	0.18793483	1	0	0.024
0.650734	1	-0.0416657	0.44052885	1	0.419	0.354
0.43982098	1	-0.5643301	0.15166153	1	0.152	0.126
0.86001141	1	0.0033393	0.47915303	1	0.371	0.315
0.0012921	1	0.16600058	0.15968815	1	0.571	0.614
0.45875359	1	-0.0050352	0.60941653	1	0.095	0.094
0.24546756	1	-0.5558841	0.45420479	1	0.171	0.181
0.00120341	1	-0.4050965	0.44989949	1	0.076	0.047
0.00373506	1	-0.4514287	0.3733866	1	0.076	0.165
0.45836264	1	0.38869241	0.12966318	1	0.19	0.197
0.10245975	1	0.28473763	0.24725188	1	0.095	0.15
0.01968714	1	0.55539069	0.09072154	1	0.114	0.165
0.5420179	1	1.25509492	0.01821038	1	0.067	0.039
0.7618558	1	1.1810839	0.2964651	1	0.067	0.016
0.9993817	1	-0.6664842	0.42948775	1	0.21	0.173
0.37170284	1	-0.2726049	0.54354654	1	0.143	0.197
0.88329069	1	0.39878427	0.96297595	1	0.067	0.039
0.27540036	1	0.5499561	0.1579581	1	0.114	0.157
0.80415953	1	0.09609185	0.31789652	1	0.143	0.126
0.26574532	1	-0.5111921	0.45656818	1	0.01	0.079
0.00942242	1	0.05622643	0.50394103	1	0.352	0.417
0.33102293	1	0.00518068	0.4509565	1	0.314	0.283
0.13592071	1	-0.0303656	0.69102354	1	0.019	0.008
0.97114286	1	0.20074198	0.97579778	1	0	0.008
0.69670575	1	0.44781207	0.23982036	1	0.048	0.11

0.98163398	1	0.09405673	0.97579778	1	0	0.008
1	1	-0.3345612	0.54753143	1	0.21	0.22
0.46688094	1	-0.494973	0.51606851	1	0.267	0.26
0.80187332	1	0.15364749	0.47341844	1	0.657	0.567
0.25943754	1	-1.4679599	0.15707102	1	0.01	0.031
0.52509477	1	0.18063935	0.80879961	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.02363178	1	0.33208116	0.22014731	1	0.114	0.157
0.00930755	1	0.10170721	0.60397819	1	0.8	0.693
0.39691726	1	-1.6738556	0.0430539	1	0.01	0.024
0.86177029	1	-0.3099067	0.35956445	1	0.2	0.228
0.58652141	1	0.05189655	0.48230046	1	0.371	0.26
1	1	-0.0465426	1	1	0	0
0.00215546	1	0.11501011	0.17772345	1	0.571	0.543
0.0013959	1	0.66282342	0.01919426	1	0.324	0.323
0.63792001	1	-7.5462737	0.31142884	1	0	0.008
0.09278305	1	-0.2571744	0.9160092	1	0.114	0.142
0.10556243	1	-0.067034	0.96193438	1	0.095	0.173
0.33342892	1	0.05861778	0.38685423	1	0.238	0.22
0.16745907	1	8.9475445	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.38435522	1	-0.0820723	0.946519	1	0.21	0.252
1	1	-0.0465426	1	1	0	0
0.14820265	1	-9.8020857	0.04168349	1	0	0
0.64367666	1	-8.5843237	0.31142884	1	0	0.008
0.19852148	1	1.10701479	0.14484305	1	0	0.031
1	1	-0.0465426	1	1	0	0
0.05837676	1	0.53368623	0.00613842	1	0.295	0.197
1	1	-0.0465426	1	1	0	0
0.41781517	1	0.29758612	0.31938623	1	0.019	0.031
0.61705836	1	-2.250542	0.16707819	1	0.01	0.024
0.1490982	1	-0.2086457	0.55061163	1	0.314	0.354
0.77730205	1	-0.3104636	0.13265604	1	0.267	0.291
0.11715972	1	0.35171264	0.47397506	1	0.533	0.409
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.32025117	1	0.11981079	0.753559	1	0.505	0.504
0.0080971	1	0.5018806	0.01251767	1	0.324	0.354
0.63792001	1	-8.165925	0.31142884	1	0.01	0.008
0.47413309	1	-0.1176922	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
8.27E-05	1	0.13583902	0.21207505	1	0.238	0.213
0.01532682	1	-0.1921793	0.93286882	1	0.076	0.181

0.00884316	1	-0.0906152	0.93589536	1	0.114	0.11
9.58E-11	2.64E-06	0.05065018	0.86942094	1	0.152	0.197
5.65E-17	1.56E-12	-0.2907844	0.03390466	1	0.286	0.299
1.81E-07	0.00498545	-0.0552665	0.71310184	1	0.067	0.079
0.02756376	1	0.009341	0.6815866	1	0.067	0.087
4.68E-06	0.12925331	0.15960817	0.58270364	1	0.162	0.228
0.00016529	1	0.04891758	0.58844863	1	0.067	0.087
2.08E-05	0.57478283	-0.2490536	0.43782864	1	0.067	0.094
4.39E-08	0.00121145	-0.3760736	0.12234114	1	0.076	0.094
1.21E-08	0.00033392	-0.2738423	0.69509204	1	0.095	0.039
7.32E-10	2.02E-05	0.04985685	0.20566252	1	0.114	0.197
1.01E-09	2.80E-05	-0.3449865	0.18402254	1	0.143	0.165
0.00223388	1	0.15225762	0.80669434	1	0.105	0.15
0.00300303	1	0.34251467	0.31887962	1	0.105	0.126
5.82E-06	0.16073949	0.15273122	0.92153544	1	0.095	0.15
2.57E-06	0.07084994	0.06497118	0.73710591	1	0.162	0.157
0.67605451	1	0.20236193	0.19460497	1	0.019	0.094
0.0755948	1	-4.2978872	0.13722915	1	0.01	0
0.05416775	1	0.06064287	0.52151733	1	0.076	0.094
0.22069239	1	0.60362971	0.10815356	1	0.029	0.071
0.16804709	1	-0.8181649	0.06753199	1	0.105	0.071
0.30884832	1	-0.6913209	0.97257202	1	0	0
0.00018375	1	0.05588849	0.44280574	1	0.105	0.079
0.00272542	1	0.52519785	0.00231906	1	0.181	0.228
0.61251004	1	0.23824869	0.4187531	1	0.124	0.142
0.47413309	1	-7.2885347	0.31142884	1	0	0
6.95E-05	1	-0.0229567	0.57559176	1	0.152	0.213
0.47742523	1	0.5543618	0.03728713	1	0.076	0.126
1	1	-0.0465426	1	1	0	0
0.37878375	1	0.80562233	0.06294864	1	0.086	0.055
0.58431543	1	0.06324406	0.33789579	1	0.162	0.071
1	1	9.0191161	0.16448785	1	0	0
0.72004824	1	-0.308	0.77746247	1	0.038	0.087
0.54081544	1	0.09852478	0.51823623	1	0.229	0.15
1	1	-0.0465426	1	1	0	0
0.02277435	1	0.52522094	0.00085152	1	0.057	0.134
1	1	-0.0465426	1	1	0	0
0.0826482	1	0.29771862	0.25148908	1	0.124	0.157
0.30884832	1	-8.8999034	0.15105729	1	0	0
0.47413309	1	-0.4960929	0.98178118	1	0	0
0.00540416	1	0.31125813	0.1346136	1	0.21	0.26
0.40468325	1	0.10156221	0.89984088	1	0.162	0.213
0.07803392	1	-0.4306707	0.29031762	1	0	0.008

0.13403761	1	0.28116918	0.45417676	1	0.486	0.465
1	1	-0.0465426	1	1	0	0
0.14205396	1	-2.3838686	0.01676156	1	0.029	0.008
0.33182341	1	-0.147197	0.90190849	1	0.124	0.118
0.09595971	1	-9.2772111	0.15105729	1	0.019	0.031
0.07475389	1	0.17903559	0.11107434	1	0.562	0.551
0.40190742	1	0.34152834	0.97623862	1	0.01	0.024
0.00261679	1	-0.1939086	0.57878469	1	0.514	0.512
0.37267874	1	0.4736387	0.5843754	1	0.038	0.055
0.45588349	1	-0.2658525	0.96324412	1	0.057	0.094
0.70446388	1	0.83084973	0.73006268	1	0	0.008
0.04033441	1	0.2308742	0.2337401	1	0.486	0.441
0.04556616	1	0.21619844	0.39587857	1	0.029	0.039
0.44182093	1	-0.3429371	0.71892819	1	0.076	0.039
0.30439361	1	0.15960999	0.33857044	1	0.39	0.37
0.25942163	1	-2.1384143	0.14029282	1	0.019	0.008
0.00197834	1	0.26887443	0.1923984	1	0.619	0.606
0.00017626	1	0.20184558	0.05858217	1	0.59	0.724
0.00392301	1	0.23961816	0.307552	1	0.486	0.543
0.6929235	1	0.32275124	0.62682374	1	0.067	0.063
0.10959577	1	0.10573173	0.56187497	1	0.619	0.591
0.19854055	1	-0.1799264	0.32170397	1	0.21	0.181
0.08639598	1	-0.2777508	0.22145268	1	0.229	0.213
0.0011773	1	0.14552287	0.32767666	1	0.581	0.551
0.92062902	1	-0.6058418	0.18957569	1	0.143	0.181
0.23644964	1	0.6475392	0.58351143	1	0.01	0.016
0.7277051	1	-0.4725751	0.37392483	1	0.048	0.071
0.12025025	1	-0.1021909	0.91322666	1	0.124	0.142
0.29885563	1	0.1265385	0.95587619	1	0.324	0.346
0.96089352	1	0.02910213	0.77492143	1	0.038	0.016
0.02549182	1	-0.2445919	0.96992599	1	0.057	0.087
0.21141637	1	-2.426508	0.62105689	1	0	0
0.03276866	1	0.24947296	0.42996347	1	0.057	0.071
0.19246631	1	-0.3741857	0.58346561	1	0.01	0.016
0.16745907	1	5.45342005	0.32710281	1	0	0.008
0.6831393	1	0.25459777	0.91812121	1	0.39	0.268
0.05588186	1	0.65921503	0.08634952	1	0.286	0.283
0.81185278	1	-0.2517189	0.26694027	1	0.038	0.063
0.56674269	1	-0.8918669	0.00271479	1	0.371	0.339
0.16745907	1	7.73992453	0.32710281	1	0.01	0.008
0.10536053	1	0.83207209	0.09992329	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.10536053	1	-0.8285836	0.45006907	1	0.029	0
0.5063762	1	1.57163874	0.43187343	1	0.01	0.016
0.16936852	1	-0.7670446	0.02031513	1	0.314	0.205
0.36869196	1	-2.1378577	0.09401823	1	0.01	0.008
0.34785582	1	0.98147833	0.38786581	1	0	0.031
1	1	-0.0465426	1	1	0	0
0.65704103	1	-0.7288318	0.26786761	1	0.076	0.087
0.79530082	1	0.10993374	0.76243737	1	0.219	0.213
0.5063762	1	-4.434867	0.54257632	1	0	0.016
1	1	-0.0465426	1	1	0.01	0
1.66E-23	4.59E-19	-0.1921778	0.07810386	1	0.762	0.937
0.95522614	1	-0.9727918	0.36269676	1	0.057	0.063
0.70761414	1	0.17566274	0.69202374	1	0.21	0.181
0.97638791	1	0.28384719	0.97579778	1	0.01	0.008
0.97638791	1	-8.8940956	0.15105729	1	0	0.008
0.05753618	1	-0.7070861	0.19316636	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.20171332	1	-0.1719068	0.89923364	1	0.019	0.016
0.10449193	1	0.87708001	0.14495454	1	0.057	0.063
0.00042378	1	-0.7050872	0.33369944	1	0.057	0.031
0.89950277	1	0.55109427	0.0070779	1	0.124	0.118
0.38736115	1	-0.4579924	0.54694886	1	0.238	0.134
1	1	-0.0465426	1	1	0	0
1	1	8.46691455	0.32710281	1	0	0
0.32701964	1	0.78945165	0.15720269	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.21323389	1	-0.7625659	0.59208412	1	0.019	0.031
1	1	5.60934235	0.16448785	1	0	0
0.21141637	1	-1.9431277	0.30231602	1	0	0
0.25589379	1	0.26546018	0.77240247	1	0.114	0.15
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.52114623	0.32710281	1	0	0.008
0.05012925	1	-0.0465426	1	1	0	0.016
0.82308143	1	0.60872142	0.03431463	1	0.19	0.165
0.30884832	1	-2.8211508	0.54257632	1	0	0
0.3041414	1	-0.1150579	0.49866335	1	0.01	0.024
0.0288151	1	-1.4198843	0.24258788	1	0.01	0
0.97406395	1	-0.0454972	0.23300719	1	0.124	0.181
0.47413309	1	-8.3873105	0.31142884	1	0	0
0.05710004	1	0.36784382	0.38373804	1	0.019	0.008
0.30884832	1	0.0101342	0.97579778	1	0.01	0
0.97114286	1	0.67685915	0.43966909	1	0.01	0.008

0.32987117	1	0.48715716	0.60944969	1	0.029	0.031
0.30884832	1	1.66618842	0.67837832	1	0	0
0.74541514	1	-10.26376	0.02261846	1	0.01	0.016
0.45024219	1	0.03301406	0.4705935	1	0.076	0.102
6.65E-05	1	0.13691462	0.68363903	1	0.6	0.677
0.87008274	1	0.88181928	0.33641587	1	0.038	0.063
0.19371732	1	-0.5971444	0.33988711	1	0.019	0.008
0.26937205	1	-0.6052372	0.19618746	1	0.171	0.11
0.04424703	1	-0.1907391	0.48199547	1	0.6	0.472
0.10058092	1	0.45864284	0.69533142	1	0.01	0.008
0.03763425	1	-0.2568821	0.51668799	1	0.105	0.134
0.08483676	1	-0.2200493	0.82175826	1	0.067	0.047
0.0365911	1	1.95565467	0.13819218	1	0.01	0.047
0.43461969	1	0.24764856	0.89030027	1	0.067	0.079
0.42493249	1	-0.3042939	0.74336907	1	0.114	0.063
0.46149951	1	0.72284519	0.03975963	1	0.057	0.079
0.7618558	1	-2.4001729	0.23343947	1	0.029	0.016
0.51092104	1	0.43274353	0.52158743	1	0.048	0.079
0.968338	1	0.13431467	0.56511287	1	0.019	0.016
0.03594914	1	1.52569049	0.68103189	1	0.01	0.039
0.16745907	1	6.67013997	0.32710281	1	0.029	0.008
0.4071723	1	-0.0461432	0.97096043	1	0.048	0.024
0.40229399	1	0.13336735	0.59334117	1	0.019	0.024
0.69601219	1	0.3312687	0.14825914	1	0	0.008
2.99E-07	0.00826495	0.02075144	0.68920631	1	0.076	0.15
1	1	-0.0465426	1	1	0	0
0.00459792	1	-0.0645542	0.70956869	1	0.248	0.331
0.00194281	1	0.36554437	0.02642491	1	0.419	0.346
0.37292913	1	-0.5594785	0.85807691	1	0.086	0.047
0.00312017	1	0.57460191	0.83232885	1	0.038	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.77093854	1	0.61803686	0.01500993	1	0.019	0.047
0.08759969	1	-0.4884327	0.27595935	1	0.076	0.087
0.82193397	1	-0.8934695	0.24197027	1	0.019	0.024
0.71151219	1	0.60578354	0.17588342	1	0.038	0.055
0.00757376	1	0.0068085	0.67141795	1	0.048	0.094
0.0024041	1	0.3899627	0.04232942	1	0.476	0.535
0.08368716	1	0.06843421	0.02693563	1	0.543	0.394
0.5045678	1	-0.1698135	0.96019197	1	0.238	0.213
0.11627179	1	0.05179247	0.93531248	1	0.267	0.291
0.03391628	1	-0.5780184	0.41846192	1	0.057	0.047

0.36210363	1	0.45533469	0.05584183	1	0.019	0.087
0.35859204	1	-0.877465	0.89415595	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.78363649	1	-0.7505535	0.9390637	1	0.048	0.024
0.05012925	1	-0.0465426	1	1	0.01	0.016
0.03899853	1	-0.1056986	0.337634	1	0.029	0.008
0.79051383	1	-1.6893568	0.9604081	1	0.01	0.016
0.24253062	1	0.33757727	0.18797718	1	0.067	0.063
0.35882559	1	-0.375046	0.70133678	1	0.019	0.008
0.59542747	1	-0.4914599	0.06051976	1	0.086	0.142
0.00080524	1	0.58559667	0.01342435	1	0.448	0.457
0.11652307	1	0.02693333	0.85502925	1	0.6	0.575
0.47413309	1	-7.6641116	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.21273559	1	0.0341343	0.60478846	1	0.105	0.079
0.23651806	1	-0.037551	0.74686101	1	0.057	0.126
0.47413309	1	-8.43986	0.31142884	1	0.01	0
0.62316808	1	1.81084456	0.0490141	1	0.019	0.024
0.49848215	1	-2.1924333	0.16596842	1	0.01	0.008
0.54851914	1	0.24660096	0.2977573	1	0.095	0.126
0.89152398	1	0.16964129	0.44505595	1	0.657	0.559
0.47701491	1	-0.1565214	0.6322735	1	0.029	0.094
0.75744804	1	-0.0991863	0.89987064	1	0.086	0.087
0.19937176	1	-0.6586264	0.41327759	1	0.038	0.016
0.0378088	1	-0.277751	0.90419225	1	0.114	0.087
0.41615136	1	-0.570748	0.32392204	1	0.057	0.031
0.05012925	1	7.49007148	0.32710281	1	0	0.016
0.19360484	1	0.48213123	0.15645415	1	0.038	0.016
0.71324452	1	1.24209824	0.15113902	1	0.114	0.039
0.25727543	1	-0.5215634	0.74797728	1	0	0.039
0.65272832	1	-0.0172403	0.41984835	1	0.019	0.071
0.23906368	1	0.85655227	0.58351143	1	0.01	0.016
0.00590956	1	-0.0574777	0.84831343	1	0.314	0.213
0.0011258	1	-0.2125322	0.28506448	1	0.752	0.795
0.80381703	1	2.56160355	2.84E-08	0.00078424	0.019	0.047
0.79943279	1	-0.1355247	0.76558871	1	0.19	0.22
1	1	-0.0465426	1	1	0	0
0.05229454	1	0.25571067	0.34713729	1	0.105	0.142
0.10133683	1	0.12770208	0.70350125	1	0.019	0.008
0.12226627	1	-0.0927733	0.68608066	1	0.21	0.26
0.47413309	1	1.88689886	0.33164578	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.20309338	1	1.12965674	0.0232292	1	0.038	0.031

0.79588747	1	0.19456317	0.19818508	1	0.295	0.134
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.40965892	0.33366442	1	0	0
0.09458182	1	0.44816223	0.49165703	1	0.219	0.228
0.06070001	1	-0.3026636	0.95400305	1	0.114	0.126
0.70023339	1	-0.2951384	0.7416214	1	0	0.008
0.24390706	1	-0.8462308	0.0364021	1	0.171	0.118
0.50636446	1	0.11432573	0.26543208	1	0.457	0.417
0.2824706	1	-0.4260759	0.17098606	1	0.143	0.087
0.05012925	1	6.264871	0.32710281	1	0	0.016
0.47413309	1	-7.677354	0.31142884	1	0	0
0.73390075	1	-0.0995562	0.77206246	1	0.143	0.173
0.78354592	1	0.01750045	0.95666359	1	0.086	0.063
0.51626539	1	-1.032019	0.17074529	1	0.048	0.055
0.86762812	1	1.03761895	0.09690525	1	0	0.031
0.40655439	1	-0.4740339	0.30075427	1	0.105	0.047
0.68129061	1	0.19324695	0.91046624	1	0.057	0.079
1	1	6.09622385	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.02593008	1	-0.0029191	0.93910549	1	0.61	0.543
0.98163398	1	-0.7190007	0.68635085	1	0.01	0.008
0.9341157	1	0.10290916	0.62208644	1	0.029	0.134
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.8727405	0.58671897	1	0	0
1	1	-0.0465426	1	1	0	0
0.95345245	1	-2.1052369	0.38499722	1	0.029	0.016
0.97638791	1	-0.613128	0.54567368	1	0.019	0.008
0.34311531	1	-2.5784692	0.08208775	1	0	0.047
0.77526587	1	-0.1320214	0.53422947	1	0.048	0.024
0.59105959	1	-0.4508494	0.29734902	1	0	0.016
0.74869428	1	-2.0121094	0.68732408	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.63175356	0.32710281	1	0	0
0.50498751	1	-5.4838018	0.16486421	1	0	0.008
0.47413309	1	-1.9362936	0.98178118	1	0	0
0.01177888	1	0.15027766	0.82083441	1	0.029	0.016
0.61828677	1	0.98217988	0.10955113	1	0	0.024
0.07211102	1	0.80584575	0.02720874	1	0.057	0.063
0.00095902	1	-0.6407393	0.25967139	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.39572312	1	-0.3053618	0.40946282	1	0.124	0.142

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.77873416	1	-0.9419539	0.30421593	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.08445636	1	1.35104972	0.33164578	1	0	0.024
0.14681694	1	0.08260572	0.92861321	1	0.029	0.016
0.78375469	1	0.31661418	0.34982588	1	0.429	0.425
0.68800775	1	1.30433332	0.00049602	1	0.029	0.055
1	1	-0.0465426	1	1	0	0
0.35882559	1	-0.0344237	0.96304725	1	0.019	0.008
1	1	8.89361265	0.32710281	1	0	0
1	1	8.57241864	0.32710281	1	0	0
0.51409715	1	-0.5752822	0.96704584	1	0.067	0.118
0.44950109	1	0.00398581	0.98884176	1	0.143	0.094
0.31999367	1	0.34718878	0.09557447	1	0.39	0.315
0.19371732	1	1.10248917	0.36332516	1	0.029	0.008
0.36297907	1	0.12568724	0.56423009	1	0.286	0.205
0.74204429	1	-0.1229848	0.5415637	1	0.324	0.268
0.70755006	1	-0.0926368	0.44273586	1	0.162	0.22
0.02102196	1	-0.7574308	0.56894552	1	0.029	0
0.50434206	1	0.20181213	0.35126283	1	0.162	0.142
0.38709094	1	0.0327605	0.73746798	1	0.581	0.583
0.45115328	1	-0.3483106	0.94642579	1	0.095	0.134
0.72204941	1	0.08321451	0.54530729	1	0.229	0.173
0.06789397	1	-0.4348858	0.2988971	1	0.152	0.102
0.47413309	1	-1.1846038	0.98178118	1	0	0
1.78E-08	0.00049156	0.25322284	0.0222884	1	0.838	0.819
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-1.3600922	0.98178118	1	0.01	0
0.51269082	1	0.61203656	0.78982268	1	0.029	0.031
0.00700365	1	0.00363656	0.98150488	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.18908025	1	-1.2530799	0.9448684	1	0.029	0.016
0.91638924	1	-0.1900565	0.50523595	1	0.124	0.094
0.88349271	1	0.23984189	0.30252579	1	0.162	0.126
0.91912529	1	-0.4319882	0.36928666	1	0.019	0.031
7.58E-07	0.0209156	0.0721077	0.94304816	1	0.067	0.126
0.13044643	1	-0.171589	0.99372279	1	0.067	0.142
1	1	7.37750502	0.32710281	1	0	0
0.00684143	1	-0.5660854	0.50320763	1	0.029	0.008
0.32809373	1	0.43668331	0.3760314	1	0.076	0.063
0.86639647	1	-0.4646373	0.84025521	1	0.086	0.118

0.11356612	1	-0.2206762	0.96273006	1	0.095	0.094
0.1994335	1	-0.0224918	0.74730773	1	0.057	0.063
0.14222778	1	0.6490803	0.54676631	1	0.029	0.071
1	1	6.80645557	0.32710281	1	0	0
0.21141637	1	-0.7118933	0.74858491	1	0.019	0
0.23114639	1	0.53079015	0.72051729	1	0.067	0.024
0.30884832	1	-8.1205988	0.15105729	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.18075435	0.54877979	1	0	0
0.00047702	1	0.53391017	0.12395945	1	0.448	0.457
1	1	7.56040886	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.6382377	0.32710281	1	0	0
1	1	8.57863966	0.32710281	1	0	0
0.968338	1	-1.4879328	0.38862877	1	0.048	0.016
0.64367666	1	-7.6722679	0.31142884	1	0	0.008
0.18087166	1	0.42357655	0.0282841	1	0.286	0.409
0.02558975	1	-1.4161426	0.15035785	1	0.095	0.024
0.01019216	1	0.02243248	0.80783151	1	0.295	0.441
0.51003251	1	1.91299518	0.16584655	1	0.038	0.016
8.89E-05	1	0.03370741	0.86558262	1	0.514	0.551
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.83513046	1	0.67879717	0.63748002	1	0.086	0.063
0.0157253	1	2.19308006	0.01653083	1	0.048	0.071
0.15368893	1	-0.1494564	0.83910722	1	0.152	0.094
0.50022876	1	-1.7771287	0.23821356	1	0.01	0.024
0.51774271	1	0.22070434	0.47157992	1	0.238	0.189
0.15224399	1	0.0607851	0.61829278	1	0.038	0.016
0.48970692	1	-0.834159	0.25788192	1	0.057	0.024
0.84540182	1	-0.3176585	0.75661345	1	0.029	0.047
0.37825828	1	-0.0306521	0.67638842	1	0.343	0.307
1	1	-0.0465426	1	1	0	0
0.13998636	1	0.03033873	0.55466504	1	0	0.008
0.00336363	1	-0.326604	0.8393023	1	0.048	0.031
0.17628094	1	-0.2262748	0.37015226	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.13074452	1	0.35038271	0.97506836	1	0.057	0.039
0.35500571	1	0.16064682	0.20597668	1	0.048	0.063
0.08026294	1	0.36994917	0.38982111	1	0.143	0.189
0.00238829	1	-1.0710935	0.16231235	1	0.01	0.008
0.95268135	1	-1.3869788	0.48145879	1	0.019	0.024

0.41274084	1	0.40536855	0.14588387	1	0.019	0.071
0.95345245	1	1.17105518	0.26291874	1	0.029	0.016
0.00101714	1	-0.810517	0.09584507	1	0.057	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.097147	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.69180038	1	-0.9294532	0.62618056	1	0.038	0.008
0.08686286	1	0.06871705	0.77197864	1	0.057	0.094
0.33844109	1	-0.0592945	0.88484427	1	0.819	0.701
6.36E-05	1	0.34409487	0.19032575	1	0.571	0.559
0.44685423	1	-0.2902144	0.96899541	1	0.095	0.118
0.98715802	1	0.20509249	0.8421683	1	0.105	0.094
0.53791557	1	0.44260473	0.30328016	1	0.124	0.087
0.50273372	1	0.49825062	0.43771264	1	0.01	0.016
0.11882583	1	-0.7760069	0.21572454	1	0.152	0.094
0.34615458	1	-0.1016394	0.62793138	1	0.295	0.189
0.68480751	1	0.09892596	0.46516458	1	0.257	0.323
0.41876813	1	0.63741983	0.0965279	1	0.114	0.134
1	1	-0.0465426	1	1	0	0
0.00010454	1	0.20355166	0.17875847	1	0.619	0.591
0.49495599	1	-0.1792247	0.46995764	1	0.305	0.299
0.16317222	1	-0.6190212	0.62077812	1	0.114	0.157
0.29166335	1	0.43724468	0.0041114	1	0.238	0.213
1	1	-0.0465426	1	1	0	0
0.34169105	1	-0.0025638	0.86648335	1	0.21	0.197
0.82143005	1	0.46190625	0.47641874	1	0.057	0.055
4.51E-07	0.01245977	0.52386187	0.22461896	1	0.067	0.126
0.36915461	1	0.81170859	0.12080218	1	0.038	0.071
1	1	-0.0465426	1	1	0	0
1	1	6.68884001	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.6250981	0.15105729	1	0.019	0
0.22114379	1	0.7316955	0.43966909	1	0	0.024
0.2368626	1	0.42457489	0.52685801	1	0.029	0.063
0.0002325	1	0.04111484	0.97026079	1	0.105	0.094
0.4136722	1	0.11976308	0.32528788	1	0.029	0.087
0.57390103	1	0.27332316	0.65346029	1	0.124	0.079
0.62502289	1	0.40175084	0.15641649	1	0.048	0.094
0.79762388	1	0.20580834	0.63778945	1	0.048	0.047
0.19360484	1	-1.0162071	0.16877526	1	0.029	0.016

0.64367666	1	-3.0758537	0.98178118	1	0.019	0.008
0.64367666	1	-3.1246249	0.98178118	1	0	0.008
0.49509152	1	0.00900085	0.89148884	1	0.562	0.535
0.03733302	1	0.72188603	0.02443238	1	0.286	0.236
0.47408471	1	0.1408964	0.30405875	1	0.01	0.063
0.45203427	1	0.04375671	0.37602147	1	0.2	0.181
0.09648196	1	0.32064652	0.01486282	1	0.124	0.173
0.47413309	1	1.7433287	0.58031208	1	0	0
0.47413309	1	-6.8349806	0.31142884	1	0	0
0.7618558	1	-0.0379462	0.81260892	1	0.029	0.016
2.15E-08	0.00059436	0.18981002	0.25523931	1	0.162	0.197
1	1	7.44340939	0.32710281	1	0	0
0.99257028	1	-0.1192188	0.57669502	1	0.343	0.315
0.90849706	1	0.15475734	0.56797012	1	0.324	0.26
0.25149532	1	-0.164824	0.39921436	1	0.21	0.268
0.03281002	1	-0.1726161	0.62805547	1	0.429	0.402
0.30884832	1	-9.0269103	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.17231004	1	0.31187581	0.39601785	1	0.029	0.039
0.17735365	1	0.07622432	0.9362255	1	0.048	0.055
0.06003014	1	-0.3237393	0.25751963	1	0.057	0.063
0.04814202	1	-0.0131718	0.96084218	1	0.057	0.071
0.96956899	1	-0.1269606	0.78845679	1	0.314	0.291
4.71E-06	0.12995256	0.34110759	0.06607757	1	0.619	0.677
0.47413309	1	0.1216308	0.58671897	1	0	0
0.89794643	1	0.46892621	0.10249392	1	0.01	0.039
1.60E-13	4.41E-09	-0.183508	0.2536613	1	0.181	0.126
0.06517754	1	-0.5326475	0.18918944	1	0.181	0.15
2.90E-05	0.80004362	0.03435064	0.85454643	1	0.419	0.48
0.00640271	1	0.57042293	0.00471321	1	0.162	0.087
0.81935306	1	0.91363041	0.28734143	1	0.029	0.055
1	1	8.05149093	0.32710281	1	0	0
0.20309338	1	0.91637172	0.22343352	1	0.01	0.031
0.0395935	1	-0.4518381	0.37413584	1	0.038	0
1	1	-0.0465426	1	1	0	0
0.37420407	1	0.10831535	0.90503294	1	0.152	0.173
0.1165612	1	-0.6407098	0.28938392	1	0.057	0.031
0.29165682	1	-0.3231402	0.39562618	1	0.248	0.276
0.38590806	1	-0.4948326	0.41515352	1	0.133	0.094
0.78658181	1	-0.393253	0.9683218	1	0.029	0.016
0.47413309	1	-8.5407297	0.31142884	1	0	0
0.00583856	1	0.26902169	0.20581956	1	0.305	0.394
0.16745907	1	8.91217982	0.16448785	1	0	0.008

1	1	-0.0465426	1	1	0	0
0.00045364	1	0.21704243	0.57027384	1	0.114	0.079
0.7873304	1	-0.1239285	0.79359725	1	0.029	0.047
0.09445729	1	-0.3822949	0.09667832	1	0.124	0.181
3.63E-05	1	-0.5066767	0.26952664	1	0.048	0.047
1	1	-0.0465426	1	1	0	0
0.94617285	1	0.11693627	0.54578987	1	0.105	0.055
0.01104301	1	-0.0723845	0.52130227	1	0.257	0.276
0.05536685	1	0.05658183	0.37368944	1	0.181	0.134
0.47413309	1	-8.0357979	0.31142884	1	0	0
0.231845	1	0.13800685	0.83474972	1	0.2	0.102
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	6.42138394	0.32710281	1	0.01	0.016
0.01153799	1	0.33014934	0.05128833	1	0.152	0.157
0.07773597	1	0.2867036	0.3285074	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.30884832	1	1.19615112	0.67572874	1	0	0
1	1	8.19891666	0.32710281	1	0	0
0.70023339	1	-0.3504063	0.63132234	1	0	0.008
0.98163398	1	0.85382667	0.67837832	1	0	0.008
1	1	7.22089053	0.32710281	1	0	0
1	1	8.42709915	0.32710281	1	0	0
0.28084879	1	-0.4879089	0.61738802	1	0.105	0.071
1	1	-0.0465426	1	1	0	0
0.45535796	1	-0.4320209	0.73964616	1	0.038	0.047
0.10906215	1	0.16673179	0.44487914	1	0.076	0.039
0.31527277	1	-0.4487235	0.6365994	1	0.038	0.118
0.69582472	1	-0.618188	0.72076617	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
0.03711339	1	1.63305237	0.03917785	1	0.019	0.039
0.00653778	1	0.00194975	0.98901059	1	0.124	0.071
0.19378403	1	0.03675531	0.7474337	1	0.076	0.094
1	1	8.16793758	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.9809958	0.31142884	1	0	0
5.79E-07	0.01597801	0.05091902	0.88119337	1	0.114	0.126
0.47413309	1	0.07160384	0.98633536	1	0	0
0.16745907	1	4.62806907	0.32710281	1	0	0.008
0.46418683	1	0.15768449	0.93995015	1	0.124	0.087
0.86489661	1	-0.4433483	0.52959401	1	0.048	0.031
0.16745907	1	7.09017531	0.32710281	1	0	0.008
0.22321964	1	0.26180683	0.53845579	1	0.029	0.031

1	1	-0.0465426	1	1	0	0
0.57160664	1	0.02084887	0.82350642	1	0.019	0.016
0.47413309	1	-7.2885347	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.96461538	1	1.01542912	0.38786581	1	0.057	0.016
1	1	-0.0465426	1	1	0	0
0.89970879	1	0.3400843	0.73041734	1	0.19	0.102
1	1	-0.0465426	1	1	0.01	0
0.57160664	1	-1.4337411	0.70428365	1	0.019	0.016
0.32701964	1	-0.6843951	0.37049528	1	0.029	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
0.49910514	1	2.05735608	0.06257384	1	0.01	0.016
0.8087409	1	0.51211227	0.58145279	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
0.12932754	1	-0.6671035	0.20486232	1	0.105	0.063
1	1	-0.0465426	1	1	0	0
0.69851492	1	-0.1343962	0.65196383	1	0	0.031
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.2688616	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-0.0792821	0.73930489	1	0	0
0.47413309	1	-9.0468716	0.31142884	1	0	0
0.84091157	1	1.12548301	0.21151403	1	0.01	0.024
1	1	9.55321548	0.16448785	1	0	0
0.01423373	1	0.7688075	0.17297744	1	0	0.047
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.897085	0.9693467	1	0	0
1	1	-0.0465426	1	1	0	0
0.18954217	1	0.54440711	0.33128779	1	0.238	0.228
0.98163398	1	1.02969654	0.4338148	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.41615136	1	0.09435025	0.70486625	1	0.038	0.055
0.0005387	1	-0.1400019	0.89647028	1	0.152	0.173
0.67601775	1	-0.5119711	0.26985303	1	0.086	0.118
0.00138274	1	-0.5438616	0.14335222	1	0.029	0.008
0.49848215	1	-0.7393528	0.79575884	1	0	0.008
1	1	9.32210793	0.32710281	1	0	0
0.41746749	1	0.7987997	0.06483363	1	0.114	0.11
1	1	-0.0465426	1	1	0	0
0.74214436	1	0.49615229	0.44469214	1	0	0.047
0.08548864	1	-0.1594814	0.98178118	1	0	0.024
0.63792001	1	-0.2478404	0.98178118	1	0	0.008

0.57713347	1	-3.5134182	0.13722915	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.70446388	1	-9.1352714	0.07816392	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.64367666	1	1.47506045	0.00749509	1	0	0.008
0.47413309	1	-2.8402482	0.98178118	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.05012925	1	8.49586996	0.16448785	1	0	0.016
1	1	-0.0465426	1	1	0.01	0
0.64367666	1	-0.6333166	0.98178118	1	0	0.008
0.10536053	1	-1.423137	0.23585479	1	0	0
0.00339161	1	0.23702617	0.17079712	1	0.029	0.079
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.15354266	1	0.053794	0.6077694	1	0.038	0.047
0.57436691	1	-1.5956726	0.28496208	1	0.01	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	7.12728177	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.05458447	1	-2.5458274	0.08352889	1	0	0
0.01474741	1	-0.4672832	0.3302882	1	0.143	0.142
0.60589889	1	0.33474968	0.45848049	1	0.124	0.11
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.86149071	0.58351143	1	0	0
0.97638791	1	-8.7440544	0.15105729	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.01346427	1	-0.1135371	0.67893012	1	0.048	0.047
1	1	-0.0465426	1	1	0	0
0.01042644	1	-6.1332792	0.31142884	1	0	0.039
0.36373785	1	1.50661349	0.14157422	1	0.019	0.008
0.63665068	1	0.60641805	0.32821722	1	0.048	0.047
1	1	-0.0465426	1	1	0.01	0
0.02695943	1	0.17810605	0.72802992	1	0.01	0.039
0.69851492	1	-0.9036873	0.48145879	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.11983528	1	0.23373406	0.92420772	1	0.086	0.039
0.98163398	1	-1.0426522	0.97257202	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	9.23113165	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.09138946	1	0.63639192	0.98225045	1	0.057	0.031
0.29150242	1	-0.052591	0.39923166	1	0.038	0.055

0.10204374	1	0.30974722	0.01677413	1	0.305	0.283
0.00086334	1	-0.2681205	0.65118196	1	0.029	0.047
0.49524626	1	-1.7927756	0.66429835	1	0.019	0.008
0.47413309	1	-7.9620779	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.26093101	1	-0.2402222	0.66249499	1	0.048	0.063
0.00109402	1	0.37871895	0.1805322	1	0.086	0.039
0.26274144	1	0.33424645	0.60729257	1	0.01	0.047
0.64367666	1	2.03706441	0.32963505	1	0.01	0.008
0.78658181	1	1.2270721	0.33527931	1	0	0.016
0.21141637	1	-0.7450086	0.30421593	1	0.029	0
0.24614674	1	-1.9668766	0.0691253	1	0.048	0.016
4.47E-07	0.01234415	-0.2551241	0.71730928	1	0.086	0.094
0.47413309	1	1.30260309	0.33366442	1	0	0
0.01621721	1	9.77344742	0.02728712	1	0	0.024
0.60517763	1	0.44983647	0.29180174	1	0.057	0.126
1	1	-0.0465426	1	1	0	0
0.93764323	1	-1.7353989	0.11448196	1	0.029	0.031
0.47413309	1	-2.4417954	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.1684654	1	-0.7065488	0.38867987	1	0.086	0.094
0.10624867	1	-0.3547296	0.41968384	1	0.362	0.394
0.02141178	1	-0.21605	0.6730711	1	0.01	0.008
0.47413309	1	0.99113371	0.98633536	1	0	0
0.97638791	1	1.67997306	0.16849427	1	0.019	0.008
0.22698312	1	-2.4242186	0.54257632	1	0.01	0.024
0.9349955	1	-0.2640461	0.93391894	1	0.01	0.031
0.31726944	1	-0.1468057	0.87597567	1	0.067	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.0039564	1	0.43772408	0.43937539	1	0.038	0.039
0.21141637	1	-1.0147584	0.96304561	1	0	0
0.07195402	1	-0.3670768	0.68755059	1	0.057	0.087
1	1	8.37649493	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-9.9151059	0.07816392	1	0	0
0.81757026	1	0.54599806	0.83566694	1	0.095	0.087
0.94611473	1	1.52944763	0.01780049	1	0.01	0.047
0.47413309	1	0.3577283	0.98633536	1	0	0
0.63057462	1	0.53471258	0.11961406	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.8722704	0.98178118	1	0.019	0
0.47413309	1	1.16380315	0.19292413	1	0	0

1	1	5.45342005	0.32710281	1	0	0
0.20003701	1	-2.3788561	0.62105689	1	0.01	0.031
0.07929582	1	1.03471569	0.54783818	1	0.048	0.047
1	1	-0.0465426	1	1	0	0
0.0288151	1	-0.4315145	0.40111535	1	0	0
1	1	7.30029129	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.07159002	1	0.20707097	0.60068529	1	0.076	0.055
0.00493916	1	-0.1327118	0.635792	1	0.105	0.039
0.65948979	1	-0.0644815	0.76344749	1	0.067	0.055
0.09036927	1	-0.0925958	0.79334916	1	0.086	0.063
0.30884832	1	-0.4758886	0.9693467	1	0	0
0.64367666	1	0.69493181	0.19292413	1	0.019	0.008
0.10770214	1	0.536838	0.30701571	1	0.01	0.016
0.47413309	1	-7.8024069	0.31142884	1	0	0
0.4228431	1	-0.5154255	0.4957744	1	0.029	0.071
0.30884832	1	-1.0397112	0.9693467	1	0	0
1	1	-0.0465426	1	1	0	0
0.43158422	1	0.65306608	0.46680941	1	0	0.039
0.25856298	1	0.13995232	0.40384972	1	0.019	0.102
0.06183574	1	0.30041081	0.51587526	1	0.048	0.102
0.35624906	1	1.74206814	0.00808354	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.23644964	1	-1.0253479	0.98178118	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.97638791	1	0.36724175	0.68368941	1	0.01	0.008
0.47413309	1	-7.3177104	0.31142884	1	0	0
1	1	9.71115012	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.70023339	1	1.08141507	0.5015736	1	0	0.008
0.64367666	1	-8.9044084	0.31142884	1	0	0.008
0.14101725	1	0.45067175	0.85096776	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00718867	1	0.13084967	0.18424772	1	0.019	0.087
0.69180038	1	0.52698827	0.22638363	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.00110262	1	-0.3959666	0.0771579	1	0.086	0.063
0.06113556	1	0.02693269	0.79294548	1	0.038	0.031
0.82224549	1	-0.5613241	0.30714662	1	0.048	0.039
0.97206132	1	-1.8676793	0.38318926	1	0.019	0.016
0.00104453	1	0.37500316	0.12216011	1	0.486	0.441
0.36127648	1	-0.6522416	0.95279328	1	0.038	0.008

1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.2562193	0.58671897	1	0.01	0
0.35434252	1	-0.1668105	0.51515211	1	0.086	0.079
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.19350226	1	-0.4132777	0.73748461	1	0.029	0.055
0.05012925	1	6.59547804	0.32710281	1	0.01	0.016
0.03672179	1	-0.3652051	0.68368941	1	0.01	0.039
1	1	-0.0465426	1	1	0	0
0.78588226	1	-0.3147713	0.74150598	1	0.143	0.11
0.95834743	1	-0.2691675	0.76871044	1	0.038	0.055
0.23502002	1	0.2723328	0.32120543	1	0.219	0.22
1	1	-0.0465426	1	1	0	0
1	1	9.14752934	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.96670122	1	-0.1510264	0.79871203	1	0.267	0.205
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8662189	0.31142884	1	0	0
0.63792001	1	0.47763352	0.58671897	1	0.029	0.008
0.40982008	1	0.54798394	0.73699075	1	0.019	0.024
0.96089352	1	-0.4155437	0.57034588	1	0.01	0.016
0.64367666	1	-0.2957467	0.98178118	1	0	0.008
1	1	8.79409859	0.32710281	1	0.01	0
0.24290772	1	0.31256847	0.55903103	1	0.076	0.039
0.30884832	1	-0.9813722	0.54567368	1	0	0
0.30884832	1	-8.7558891	0.15105729	1	0.01	0
0.96630608	1	0.38820337	0.37595495	1	0.048	0.047
1	1	7.59022559	0.32710281	1	0	0
0.47413309	1	0.47081072	0.98633536	1	0	0
1	1	5.77708283	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.13151768	0.58671897	1	0.01	0
0.34577732	1	1.16922194	0.03380493	1	0.01	0.031
0.50172925	1	-9.7339372	0.04168349	1	0.01	0.008
0.47413309	1	-8.7769408	0.31142884	1	0	0
0.54605934	1	0.241248	0.52307714	1	0.171	0.134
0.64367666	1	-0.4155364	0.98178118	1	0.038	0.008
0.29407395	1	-0.2333055	0.45380874	1	0.038	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00039044	1	-0.3833998	0.04215628	1	0.181	0.228
1	1	-0.0465426	1	1	0	0

0.39870467	1	-1.386245	0.26937077	1	0.029	0.024
0.47413309	1	-9.2688616	0.31142884	1	0	0
0.23644964	1	1.64186379	0.33366442	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	7.82745686	0.32710281	1	0	0
0.20356578	1	-1.1856943	0.2167164	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.90602063	1	1.16365459	0.04729767	1	0.029	0.031
0.47413309	1	-6.1332792	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-9.0883083	0.31142884	1	0.019	0.008
0.63546533	1	-0.7987396	0.66652704	1	0.029	0.024
0.02167172	1	-0.6268028	0.60012773	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.02102196	1	-2.491546	0.01680725	1	0.01	0
0.00817522	1	-1.938185	0.00205576	1	0.038	0.031
0.46483756	1	-0.2354886	0.92740965	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.00018862	1	0.02648431	0.38744777	1	0.381	0.488
0.38592968	1	-0.1163564	0.68031983	1	0.067	0.102
0.30884832	1	-3.0429269	0.54257632	1	0	0
0.16745907	1	7.7383472	0.32710281	1	0.01	0.008
0.07746595	1	0.74944729	0.09485274	1	0.01	0.079
1	1	5.42762774	0.32710281	1	0	0
0.47413309	1	1.15472711	0.33366442	1	0	0
0.23385587	1	-6.7066122	0.31142884	1	0.01	0.016
0.00033046	1	-0.5982424	0.13668611	1	0.095	0.039
1.31E-09	3.61E-05	-0.223236	0.17736271	1	0.067	0.102
0.18661709	1	0.27735845	0.60270857	1	0.152	0.157
1	1	-0.0465426	1	1	0	0
0.97638791	1	0.99870741	0.4338148	1	0	0.008
0.3471513	1	0.16867484	0.68248735	1	0.048	0.016
0.47413309	1	1.83307559	0.33164578	1	0	0
0.0288151	1	-1.0583581	0.72118182	1	0.01	0
0.57713347	1	-0.2679258	0.49763263	1	0.057	0.016
0.49910514	1	2.72713333	0.43187343	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.10619933	1	0.22070433	0.39457933	1	0.086	0.047
0.25521764	1	0.071369	0.7799782	1	0.057	0.071
0.01783603	1	-0.2595909	0.40297609	1	0.076	0.047
0.34343351	1	-0.2179598	0.94206173	1	0.01	0.016

0.8087409	1	0.17149921	0.75520414	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
0.58268535	1	0.22152854	0.82174457	1	0	0.016
0.54986792	1	-0.3290459	0.91986101	1	0.048	0.031
1	1	-0.0465426	1	1	0	0
0.25590424	1	0.29750206	0.39583427	1	0.2	0.291
0.06616487	1	0.78095504	0.12024335	1	0.019	0.063
0.00085832	1	-1.6135705	0.00537497	1	0.048	0.016
1	1	-0.0465426	1	1	0	0
0.02139962	1	0.34152013	0.94929365	1	0.038	0.024
0.97114286	1	-2.0716435	0.54257632	1	0.067	0.008
0.16081585	1	-1.1022584	0.21041004	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.96884453	1	0.02242756	0.80703183	1	0.038	0.063
1	1	-0.0465426	1	1	0	0
0.7012089	1	0.29427382	0.82703278	1	0.019	0.031
0.70703225	1	-0.5295785	0.21009807	1	0.057	0.102
0.01098938	1	-0.0949725	0.58266356	1	0.067	0.039
0.05075772	1	-0.117692	0.45935584	1	0.21	0.197
1	1	-0.0465426	1	1	0	0
0.00290776	1	-0.4827716	0.74489469	1	0.057	0.039
1	1	-0.0465426	1	1	0	0
0.63792001	1	1.06577952	0.58031208	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-9.720244	0.04168349	1	0	0
0.74214061	1	-0.2692426	0.45698996	1	0.057	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	-5.9265049	0.31142884	1	0.038	0
1	1	-0.0465426	1	1	0	0
0.76858272	1	0.50619096	0.46233621	1	0.01	0.039
0.66423882	1	-0.6350025	0.73289021	1	0.057	0.047
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	6.57042383	0.32710281	1	0	0.008
0.69180038	1	0.8943256	0.34074557	1	0	0.008
0.08445636	1	1.91229881	0.19045963	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	8.72468206	0.32710281	1	0	0
0.07100141	1	-0.5114818	0.04786404	1	0.105	0.181

0.64367666	1	-7.9276063	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-8.4919063	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.55316392	1	-0.0030994	0.86949091	1	0.019	0.079
0.69180038	1	0.381505	0.97623862	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.11904785	1	-0.4910626	0.60536919	1	0.124	0.071
0.64367666	1	0.38884589	0.33569097	1	0.01	0.008
0.47413309	1	0.40864253	0.98633536	1	0	0
0.77481873	1	1.26427823	0.33527931	1	0.019	0.016
0.47413309	1	-6.8349806	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.80645557	0.32710281	1	0	0
0.19651289	1	0.10240174	0.34488257	1	0	0.008
0.08240377	1	-0.4075377	0.20606282	1	0.124	0.071
0.03905921	1	-1.0301629	0.01027596	1	0.143	0.094
1	1	-0.0465426	1	1	0	0
0.64367666	1	2.40563119	0.58031208	1	0	0.008
0.95717252	1	2.26828478	0.01229611	1	0.019	0.016
0.50068827	1	0.19956837	0.85143866	1	0.124	0.15
0.00044719	1	0.19006896	0.24379608	1	0.676	0.724
0.95354301	1	0.28068369	0.5334026	1	0.038	0.031
0.01621721	1	-0.0465426	1	1	0	0.024
0.82094713	1	-0.2866828	0.43901964	1	0.371	0.276
0.07975729	1	0.41255521	0.69551497	1	0.124	0.126
0.4438687	1	-2.3650422	0.17908772	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	2.88435411	0.02009533	1	0.019	0
1	1	-0.0465426	1	1	0	0
7.73E-05	1	0.13746299	0.52450682	1	0.114	0.228
0.08548864	1	0.76221782	0.58671897	1	0.01	0.024
0.97638791	1	0.55757201	0.68103189	1	0.01	0.008
0.10762981	1	-0.5153098	0.62830864	1	0.038	0.047
0.91272605	1	-0.8817509	0.44405672	1	0.038	0.079
0.13592071	1	-2.1369949	0.04969393	1	0	0.008
0.60853257	1	-0.8997453	0.36567555	1	0.038	0.024
1	1	-0.0465426	1	1	0	0

0.78658181	1	0.17431742	0.34212101	1	0.01	0.016
1	1	4.95779975	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.08548864	1	2.14558996	0.18923611	1	0	0.024
0.77873416	1	-1.0130066	0.9604081	1	0	0.016
0.63792001	1	0.67734208	0.58351143	1	0.01	0.008
0.30884832	1	2.43862032	0.98225045	1	0	0
0.64367666	1	-7.8814838	0.31142884	1	0.01	0.008
0.62623274	1	-0.0441201	0.57560187	1	0.048	0.024
0.19168799	1	0.09428233	0.79334916	1	0.171	0.165
0.63792001	1	-6.8349806	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.92249749	1	-2.39857	0.01517963	1	0.019	0.047
0.77612244	1	0.12104185	0.44659088	1	0.229	0.205
0.00376701	1	0.50175116	0.00678394	1	0.124	0.165
0.98052481	1	-2.0853602	0.03443146	1	0.038	0.063
0.0002199	1	7.9496738	0.16448785	1	0.019	0.055
0.79051383	1	-3.3468497	0.29853994	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.4764597	0.15105729	1	0.01	0
0.00251968	1	0.76049559	0.26898947	1	0.057	0.079
0.98163398	1	-8.6439093	0.15105729	1	0	0.008
0.14820265	1	0.03297931	0.68220943	1	0.019	0
1	1	4.64722057	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.30635774	1	0.40246845	0.1914506	1	0.01	0.039
0.78332774	1	0.12610361	0.24569969	1	0.286	0.26
1	1	-0.0465426	1	1	0	0
0.28088652	1	-2.2527677	0.23104175	1	0.067	0.039
0.16745907	1	8.55499062	0.08811101	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.51222329	1	0.41231958	0.52800346	1	0.029	0.079
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.36127648	1	-1.6281915	0.23464493	1	0.01	0.008

1.70E-19	4.70E-15	-0.262643	0.02565183	1	0.429	0.496
0.00067619	1	0.36144999	0.09972688	1	0.219	0.268
0.3233846	1	-0.3993844	0.53765471	1	0.038	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.70446388	1	-0.4312243	0.96568352	1	0.01	0.008
0.16745907	1	8.53674884	0.32710281	1	0	0.008
0.0022643	1	0.13758252	0.11588515	1	0.162	0.189
0.63792001	1	-7.8333254	0.31142884	1	0	0.008
0.68378663	1	0.17984929	0.21667018	1	0.181	0.173
0.26352792	1	1.12222179	0.12164826	1	0	0.016
0.19511143	1	0.00664631	0.51496154	1	0	0.008
0.01851404	1	-0.0035304	0.21958073	1	0.781	0.724
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.86293458	0.58351143	1	0	0
0.65208491	1	0.26524405	0.13430762	1	0.667	0.535
0.51682321	1	0.45623299	0.41638774	1	0.305	0.173
0.47413309	1	0.39198042	0.98633536	1	0	0
0.13067924	1	0.47072316	0.00146088	1	0.743	0.709
0.56885269	1	0.08984887	0.35743863	1	0	0.016
0.36599399	1	-0.6480407	0.19868586	1	0.086	0.071
0.00271068	1	0.0689245	0.08278036	1	0.476	0.504
1	1	-0.0465426	1	1	0	0
0.00202159	1	0.17708732	0.41269487	1	0.133	0.118
0.57731673	1	1.56168322	9.25E-05	1	0.038	0.063
0.1209728	1	-0.4205009	0.71243766	1	0.219	0.118
0.24192748	1	-0.1801749	0.88232065	1	0.114	0.126
1	1	9.07406846	0.08811101	1	0	0
0.97082782	1	0.02126125	0.66533908	1	0.371	0.268
0.56739348	1	0.07250452	0.51547402	1	0.067	0.094
0.84415568	1	-0.2749085	0.64085146	1	0.314	0.307
1	1	-0.0465426	1	1	0	0
0.89859698	1	-0.0350171	0.93083516	1	0.01	0.047
0.04881938	1	0.21523903	0.94755447	1	0.19	0.22
3.20E-06	0.08843996	-0.4529137	0.01388831	1	0.305	0.252
0.47413309	1	1.01696541	0.98633536	1	0.01	0
0.00059528	1	0.01706702	0.64807123	1	0.124	0.165
0.38809214	1	-0.0432534	0.97935389	1	0.114	0.142
0.05875589	1	-0.460007	0.71969789	1	0.048	0.047
0.4071723	1	-5.2309067	0.29853994	1	0	0.024
0.05927114	1	-0.2426681	0.75678695	1	0.057	0.024

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50333985	1	0.29168411	0.63280953	1	0.057	0.047
0.58062698	1	-0.1156202	0.60645871	1	0.276	0.276
0.21968725	1	-0.4129901	0.74940866	1	0.048	0.071
0.14820265	1	-1.4398319	0.16931443	1	0	0
0.94689238	1	-0.0903176	0.59720854	1	0.219	0.26
1	1	7.10223504	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.1244808	1	0.3700944	0.10536725	1	0.152	0.118
0.47413309	1	-8.4934072	0.31142884	1	0	0
0.84615021	1	-0.1475437	0.3058327	1	0.324	0.252
0.67747284	1	-0.1139926	0.25109958	1	0.162	0.094
0.72950288	1	0.33123467	0.91851034	1	0.048	0.071
0.30884832	1	-9.6056583	0.15105729	1	0	0
0.30884832	1	-1.2981412	0.54257632	1	0	0
0.11010035	1	-0.0984705	0.593202	1	0.448	0.449
0.18001511	1	0.22964939	0.10311812	1	0.438	0.339
0.00360597	1	-0.0673345	0.79793929	1	0.486	0.583
0.64367666	1	-1.0883619	0.98178118	1	0.01	0.008
0.01934656	1	0.1298385	0.83130003	1	0.543	0.528
0.64367666	1	-0.2266274	0.33569097	1	0.01	0.008
0.03119574	1	0.35431672	0.13270701	1	0.048	0.079
1	1	-0.0465426	1	1	0	0
0.11729223	1	-0.3999782	0.62830037	1	0.114	0.165
0.40982008	1	1.36114773	0.14416712	1	0.048	0.024
0.05012925	1	6.29639979	0.16448785	1	0.01	0.016
0.97752853	1	-0.6460484	0.25761638	1	0.067	0.094
0.00353509	1	-0.0306892	0.7396704	1	0.143	0.126
0.06591616	1	-0.4203427	0.44229872	1	0.124	0.039
0.16854477	1	0.00293027	0.4165882	1	0.229	0.315
0.20548058	1	-0.7192198	0.18979658	1	0.086	0.031
1	1	-0.0465426	1	1	0	0
0.7165011	1	-0.2938708	0.38589459	1	0.105	0.142
0.98163398	1	-0.1690136	0.54877979	1	0	0.008
0.13122619	1	-0.3973967	0.70304489	1	0.19	0.15
0.79187946	1	0.28094357	0.10290041	1	0.124	0.126
1	1	-0.0465426	1	1	0	0
0.71202216	1	-0.9627565	0.29235171	1	0	0.031
0.35632991	1	-0.1855779	0.8357772	1	0.295	0.181
0.66323168	1	0.08765472	0.74144346	1	0.543	0.528
0.28422784	1	0.51422591	0.35366044	1	0.267	0.165
0.00891466	1	0.31233978	0.07917392	1	0.648	0.559

1	1	7.90325359	0.32710281	1	0	0
0.63792001	1	-0.5912294	0.98178118	1	0.01	0.008
0.6085679	1	-0.4163937	0.5431286	1	0.105	0.126
7.39E-06	0.2038311	-0.2762907	0.1086318	1	0.219	0.118
1	1	-0.0465426	1	1	0	0
0.44615054	1	-0.2795505	0.9390637	1	0.038	0.016
0.366565	1	0.67094157	0.0331255	1	0.143	0.165
0.00422795	1	0.0518153	0.93637076	1	0.057	0.024
0.74541514	1	0.12812682	0.6077694	1	0.019	0.016
0.25518523	1	-0.4345737	0.68806204	1	0.095	0.087
0.97576112	1	-0.0426581	0.90187417	1	0.057	0.087
0.43268801	1	-0.0550683	0.79699586	1	0.286	0.299
0.7372112	1	-0.5060011	0.22613215	1	0.2	0.189
0.11527887	1	-1.0372116	0.03650552	1	0.076	0.079
0.47413309	1	-8.4969153	0.31142884	1	0	0
0.16745907	1	4.62806907	0.32710281	1	0.01	0.008
0.47413309	1	-7.4465503	0.31142884	1	0	0
0.04182095	1	-0.4053538	0.38384595	1	0.105	0.047
0.07222432	1	-0.0876301	0.29902953	1	0.629	0.638
0.97114286	1	0.09791181	0.27963836	1	0.029	0.008
0.70931331	1	-0.3816589	0.95400122	1	0.019	0.031
0.66029988	1	-1.3610035	0.53909183	1	0.029	0.047
0.01236485	1	0.09286266	0.68940913	1	0.114	0.126
0.69180038	1	1.62546663	0.09093958	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.70446388	1	0.82344889	0.34488252	1	0.048	0.008
1	1	-0.0465426	1	1	0	0
0.7012089	1	-2.2814461	0.28374286	1	0.019	0.031
0.47413309	1	-1.7022699	0.98178118	1	0	0
0.18685635	1	-0.1717512	0.95819355	1	0.019	0.008
0.10536053	1	-0.2590524	0.6077694	1	0.029	0
0.16745907	1	9.73146216	0.08811101	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	7.9322038	0.32710281	1	0	0.016
0.23385587	1	-7.5866057	0.31142884	1	0	0.016
1	1	5.9351485	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.11926085	1	0.31405455	0.33967351	1	0.286	0.268
0.96089352	1	-9.7779472	0.04168349	1	0	0.016
0.44575474	1	-0.309179	0.06193055	1	0.448	0.362
0.8183307	1	0.27258397	0.33421631	1	0.4	0.354

8.06E-08	0.00222515	0.57971232	0.00027388	1	0.79	0.835
0.47413309	1	0.88586784	0.98633536	1	0	0
0.16745907	1	9.89065464	0.02728712	1	0	0.008
0.6331789	1	-0.5201239	0.29920709	1	0.152	0.126
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.47413309	1	2.30934053	0.58031208	1	0	0
0.21141637	1	-9.6854376	0.07816392	1	0.01	0
0.14856517	1	0.05040046	0.19181332	1	0.095	0.055
0.30884832	1	0.82148804	0.27556639	1	0.01	0
0.87136366	1	0.05813948	0.93147511	1	0.162	0.142
0.84477387	1	-0.4648183	0.21249652	1	0.171	0.228
1	1	-0.0465426	1	1	0	0
0.06210879	1	-0.0305135	0.56107214	1	0.238	0.268
0.20538684	1	0.33850772	0.31399502	1	0.133	0.118
0.26285883	1	-0.1854932	0.84190938	1	0.086	0.071
0.40655665	1	0.44653123	0.36768585	1	0.076	0.094
0.57692433	1	-0.1255519	0.88382501	1	0.114	0.071
0.78658181	1	0.47013137	0.73699075	1	0.01	0.016
0.41514627	1	0.86014227	0.73236962	1	0	0.024
0.70446388	1	-9.252399	0.07816392	1	0	0.008
0.52174062	1	0.20408188	0.89354952	1	0.057	0.055
0.53571756	1	-0.155198	0.99744214	1	0.076	0.11
0.65409976	1	0.43880007	0.12231956	1	0.048	0.055
0.84378369	1	0.5284681	0.42889402	1	0.143	0.165
0.1038967	1	-0.1023418	0.88243768	1	0.333	0.354
0.77307489	1	-0.1158322	0.69584428	1	0.076	0.071
0.47413309	1	-9.2688616	0.31142884	1	0.01	0
0.19254329	1	1.61744402	0.05701748	1	0.019	0.031
0.47413309	1	-1.0257295	0.98178118	1	0	0
0.16745907	1	9.48676063	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.08917494	0.32710281	1	0	0
0.00011488	1	-0.2816491	0.50027354	1	0.076	0.079
1	1	-0.0465426	1	1	0	0
0.39382928	1	-0.0472595	0.57560012	1	0.038	0.094
0.16745907	1	7.13407732	0.32710281	1	0	0.008
0.69180038	1	-9.8175719	0.07816392	1	0.01	0.008
0.10184917	1	-0.0447023	0.5606391	1	0.057	0.063
1	1	-0.0465426	1	1	0	0
0.13208931	1	-0.4220776	0.735588	1	0.038	0.047
0.19508088	1	0.42484371	0.01985982	1	0.333	0.386
0.49524626	1	-1.1437488	0.66652704	1	0.01	0.008

0.70023339	1	-9.5982218	0.07816392	1	0	0.008
0.79247262	1	-0.576406	0.44792494	1	0.095	0.055
0.12447647	1	-0.4496927	0.77530758	1	0.01	0.031
0.92388744	1	0.275294	0.77727928	1	0.067	0.055
0.80768583	1	1.83325243	0.03784134	1	0.038	0.031
0.00603427	1	-3.3845702	0.00507316	1	0.029	0
1	1	-0.0465426	1	1	0	0
0.60896872	1	-0.7399651	0.31341886	1	0.076	0.087
0.72677737	1	-1.0303642	0.89240395	1	0.124	0.055
1	1	8.01507063	0.32710281	1	0	0
0.77646438	1	0.56739303	0.09611059	1	0.048	0.079
0.031737	1	-0.9374182	0.58501369	1	0.076	0.102
0.78051858	1	-0.1499685	0.75115558	1	0.029	0.031
0.97114286	1	-8.6046471	0.15105729	1	0	0.008
0.47413309	1	1.5757915	0.98633536	1	0	0
0.17122226	1	0.88056243	0.11020727	1	0.057	0.094
0.64367666	1	-7.4942951	0.31142884	1	0	0.008
0.47413309	1	-1.3526487	0.58671897	1	0	0
0.64367666	1	-7.1623989	0.31142884	1	0.01	0.008
0.23644964	1	1.79911668	0.33366442	1	0.01	0.016
0.47413309	1	3.34775168	0.03655353	1	0	0
1	1	8.97172353	0.16448785	1	0	0
0.97114286	1	0.5650693	0.97579778	1	0	0.008
0.96089352	1	-0.4959795	0.95762876	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.84725861	1	-0.3199467	0.70133678	1	0.019	0.024
0.16745907	1	7.76123035	0.32710281	1	0.01	0.008
0.97638791	1	1.05511423	0.67572874	1	0	0.008
0.47413309	1	-0.7514368	0.98178118	1	0	0
0.05012925	1	7.60508343	0.32710281	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.04179001	1	-0.5432219	0.8385412	1	0.057	0.031
0.69180038	1	0.1032212	0.51445741	1	0.01	0.008
1	1	7.13407732	0.32710281	1	0	0
0.97638791	1	-0.0374187	0.68368941	1	0.01	0.008
0.23644964	1	-2.6461817	0.98178118	1	0	0.016
0.13794199	1	-0.2137749	0.7377788	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.02244776	1	-0.5342802	0.35527834	1	0.019	0.008
0.49551959	1	0.20148229	0.56445401	1	0.048	0.087
0.47413309	1	-2.9949176	0.98178118	1	0.01	0
0.47413309	1	-0.2469386	0.98178118	1	0.01	0
1	1	-0.0465426	1	1	0	0

0.69412468	1	-0.3744377	0.76611571	1	0.067	0.055
0.41247808	1	-0.0189287	0.96568352	1	0	0.024
0.87036121	1	-0.5702963	0.52344537	1	0	0.031
0.47413309	1	-0.6670143	0.98178118	1	0	0
0.30884832	1	-8.9592386	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.80817731	1	0.25728057	0.15466269	1	0.171	0.205
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-1.8733124	0.94847902	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.50825689	1	0.7950613	0.55644284	1	0	0.008
0.70023339	1	-9.4632502	0.07816392	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	8.80069904	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97578525	1	1.93399737	0.01256053	1	0.01	0.016
0.47413309	1	0.06502032	0.98633536	1	0	0
0.06003003	1	-0.2172942	0.34422317	1	0.076	0.094
0.64367666	1	0.33244798	0.98633536	1	0.01	0.008
0.19129338	1	0.13880879	0.87959838	1	0.048	0.055
0.10596773	1	-1.244922	0.14322262	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.03594914	1	2.16650655	0.43187343	1	0.01	0.039
0.56019485	1	-0.2719197	0.97804236	1	0.019	0.087
0.47413309	1	-0.6538536	0.98178118	1	0.019	0
0.86316875	1	0.02858888	0.96304725	1	0.01	0.024
0.08740909	1	1.57334401	0.14349362	1	0.01	0.039
0.21141637	1	-2.0007854	0.30042403	1	0	0
0.78084345	1	0.62568006	0.37570506	1	0	0.024
0.36127648	1	0.07643836	0.7073738	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.98234295	1	-0.3008373	0.55261743	1	0.057	0.094
0.75109678	1	-0.6023932	0.20109596	1	0.105	0.15
0.01659784	1	-0.0798522	0.80249582	1	0.305	0.213
0.968338	1	-0.7035033	0.67099324	1	0.01	0.016
0.0025789	1	-0.0100057	0.91574212	1	0.019	0.031
0.68751138	1	0.05716329	0.27682441	1	0.086	0.071
0.61546722	1	0.94322637	0.23212851	1	0.048	0.047
2.76E-05	0.76041637	-0.7355905	0.01214953	1	0.067	0.047
0.00287865	1	0.71631603	0.02508119	1	0.343	0.339
0.16745907	1	-0.0465426	1	1	0	0.008

0.9832009	1	-0.1878394	0.50254058	1	0	0.024
0.98163398	1	-0.2089129	0.97579778	1	0	0.008
0.63792001	1	-7.8562391	0.31142884	1	0	0.008
0.47413309	1	0.78126787	0.33366442	1	0	0
0.75540541	1	0.08321675	0.89669661	1	0.295	0.315
0.47413309	1	-7.6363383	0.31142884	1	0	0
0.17555567	1	-0.075958	0.98424738	1	0.495	0.354
0.33372274	1	-0.2089939	0.50431219	1	0.124	0.165
0.47413309	1	-7.993511	0.31142884	1	0	0
0.26867755	1	-2.3861785	0.28374286	1	0	0.008
0.05623599	1	-1.2302818	0.29183346	1	0.029	0.008
0.968338	1	-0.8514874	0.3922811	1	0.019	0.016
0.43620411	1	-0.4058722	0.95391631	1	0.038	0.039
0.16745907	1	9.22614144	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	9.32216099	0.08811101	1	0.01	0
0.23906368	1	2.34603375	0.18923611	1	0	0.016
0.89779912	1	-0.0107109	0.94121244	1	0.362	0.346
0.50287876	1	0.14054711	0.80594552	1	0.029	0.031
0.04248201	1	0.74040891	0.06460748	1	0.105	0.15
0.16745907	1	-0.0465426	1	1	0	0.008
1.95E-05	0.53833678	-0.1163788	0.73548547	1	0.057	0.094
0.16745907	1	9.60347736	0.04861576	1	0.029	0.008
1	1	6.67013997	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.58712714	1	-0.0228285	0.55347079	1	0.219	0.205
0.83463191	1	-0.2131938	0.68352924	1	0.124	0.142
0.00010254	1	0.42329694	0.00096514	1	0.714	0.717
0.05012925	1	11.4205375	0.00508653	1	0.019	0.016
0.05147029	1	0.12970242	0.63867867	1	0.21	0.189
0.25679021	1	-0.1953237	0.8863134	1	0.143	0.134
0.00019921	1	0.16536724	0.23234227	1	0.743	0.74
0.18271634	1	-0.6613853	0.89379296	1	0.048	0.079
0.47413309	1	-7.6117961	0.31142884	1	0.019	0
0.90922307	1	0.26928656	0.25608501	1	0.229	0.142
1	1	-0.0465426	1	1	0	0
0.95429736	1	0.22737052	0.11584693	1	0.152	0.173
0.79051383	1	1.2378769	0.33800535	1	0.01	0.016
0.30884832	1	-0.9426538	0.54567368	1	0	0
0.76846275	1	0.10393815	0.96304725	1	0.029	0.016
0.05012925	1	-0.0465426	1	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.56539461	1	1.57217435	0.00713074	1	0	0.063
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.4686325	0.31142884	1	0	0
0.67786671	1	1.77464264	4.61E-05	1	0.01	0.039
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.01649059	0.33569097	1	0	0.008
0.47413309	1	0.27275667	0.98633536	1	0	0
0.63792001	1	0.50016639	0.98633536	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.2576425	1	0.20570332	0.87199656	1	0.057	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	-0.4151699	0.97579778	1	0	0.008
0.5063762	1	-0.253852	0.44359701	1	0.01	0.016
0.61340112	1	1.00877384	0.03924369	1	0	0.024
0.02018167	1	1.42442867	2.62E-06	0.07219037	0.114	0.276
1	1	8.99006333	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
0.08764263	1	-0.0996326	0.59868683	1	0.552	0.543
0.47413309	1	-1.177052	0.98178118	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.23385587	1	-8.0607463	0.31142884	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.89785348	0.32710281	1	0	0
0.0288151	1	-1.0976867	0.39170515	1	0.019	0
0.14101725	1	0.10804186	0.76019531	1	0.01	0.008
0.97206132	1	-0.5300693	0.9622058	1	0.01	0.016
0.34164412	1	0.51879435	0.55817164	1	0.01	0.031
0.16745907	1	7.10223504	0.32710281	1	0.019	0.008
0.55230584	1	0.18178977	0.73566186	1	0.219	0.15
0.62930386	1	-9.8023938	0.04168349	1	0	0.024
0.40625907	1	-0.2745945	0.47919384	1	0.381	0.394
4.32E-06	0.1191928	0.12501672	0.16860324	1	0.943	0.874
0.00083662	1	0.07268323	0.95688598	1	0.152	0.094
0.16745907	1	10.0139457	0.08811101	1	0	0.008
0.19511143	1	1.01285613	0.48216513	1	0.019	0.008

0.4071723	1	0.44105947	0.73467898	1	0.01	0.024
0.02809312	1	-0.1042297	0.76142466	1	0.095	0.071
0.03084906	1	-0.9664821	0.00933086	1	0.114	0.094
0.13259589	1	-0.2354164	0.66837039	1	0.2	0.228
5.40E-09	0.00014894	-0.1478919	0.5397841	1	0.286	0.236
1	1	-0.0465426	1	1	0	0
0.75240068	1	-0.0136091	0.53216482	1	0.057	0.039
0.32062221	1	-0.178246	0.88934589	1	0.114	0.134
0.44773683	1	0.49710906	0.02480017	1	0.229	0.22
0.00277216	1	0.72035306	3.79E-05	1	0.667	0.638
0.13592071	1	-0.5093584	0.74896054	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.02297258	1	0.1323843	0.62127573	1	0.067	0.102
0.27196902	1	0.13748251	0.77476028	1	0.19	0.244
0.08200254	1	-0.0787057	0.46631625	1	0.352	0.386
0.07856343	1	0.22054313	0.15090383	1	0.581	0.504
0.61420082	1	-0.6916517	0.16980474	1	0.086	0.071
0.47413309	1	-6.5737467	0.31142884	1	0	0
0.64504948	1	-0.4176539	0.31315723	1	0.076	0.055
0.03853075	1	-0.3807975	0.12980418	1	0.4	0.362
0.63792001	1	-2.1473383	0.98178118	1	0	0.008
0.47413309	1	-7.9854122	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	-0.5248457	0.54877979	1	0	0.008
0.42051315	1	0.9881728	0.14282253	1	0	0.024
0.31893219	1	0.57475538	0.18967939	1	0.076	0.126
0.47413309	1	1.39833926	0.58351143	1	0.038	0
0.47413309	1	-0.4151998	0.98178118	1	0	0
0.47413309	1	2.14538145	0.06373537	1	0.038	0
0.30884832	1	-1.6512645	0.54257632	1	0	0
0.31147097	1	-1.7505109	0.10492044	1	0.038	0.024
0.37611226	1	0.05481993	0.45911431	1	0.076	0.039
0.63904312	1	-0.4873971	0.26893789	1	0.305	0.197
0.01032229	1	-0.1936969	0.9025007	1	0.476	0.512
0.01550449	1	-0.0889181	0.80081491	1	0.171	0.181
1.27E-06	0.03508746	-0.2734773	0.22394855	1	0.181	0.15
0.09240677	1	0.24424668	0.49785924	1	0.238	0.205
0.00594292	1	-0.2508581	0.73235764	1	0.171	0.126
1.61E-06	0.04455583	0.0869349	0.85955439	1	0.21	0.134
0.27604781	1	2.03259175	0.19867985	1	0.038	0.039
0.00459329	1	0.31188464	0.26266499	1	0.114	0.11
0.05379829	1	0.20272455	0.34613344	1	0.124	0.165

0.1586923	1	-0.1136743	0.84107765	1	0.086	0.126
0.92591118	1	0.89568447	0.03500245	1	0.029	0.055
0.72472123	1	-1.1183358	0.41289703	1	0.038	0.055
0.28842259	1	1.47020577	0.00967753	1	0.01	0.024
0.18182668	1	0.40690304	0.47199948	1	0.095	0.079
0.66835103	1	0.21376053	0.07182061	1	0.038	0.071
0.08636108	1	0.23404057	0.40047006	1	0.076	0.181
0.14957945	1	0.24430505	0.59792521	1	0	0.047
0.21973027	1	0.14971372	0.35973747	1	0.381	0.386
0.25759727	1	0.13877988	0.63630051	1	0.01	0.008
0.85679766	1	-0.0046459	0.10839219	1	0.01	0.024
0.63792001	1	-3.2888487	0.98178118	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.56321256	0.58351143	1	0	0
0.47413309	1	-8.049686	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.84554554	0.1114215	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.08128935	1	0.11255903	0.60818174	1	0.133	0.157
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.36373785	1	-0.6997921	0.94459564	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.3669839	0.54877979	1	0	0
0.68387763	1	-0.0947652	0.49100635	1	0.248	0.173
0.78510178	1	0.10717449	0.45098967	1	0.124	0.189
0.00306779	1	0.14552358	0.13691664	1	0.733	0.795
0.51370259	1	0.20984007	0.44359701	1	0	0.016
0.42115451	1	-1.174003	0.71820699	1	0.019	0.055
0.74214061	1	-0.8815358	0.23828773	1	0.01	0.016
0.96700669	1	-0.7794193	0.02816259	1	0.343	0.268
0.00357587	1	-0.8473293	0.2939128	1	0.038	0.039
1	1	9.51762318	0.08811101	1	0.01	0
0.23906368	1	0.56315998	0.58351143	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.63792001	1	2.54897834	0.19045963	1	0	0.008
1	1	4.95779975	0.32710281	1	0	0
1	1	6.42440864	0.16448785	1	0	0
0.23197065	1	-0.0675449	0.34478646	1	0.048	0.087
1	1	-0.0465426	1	1	0	0
0.65676209	1	0.07974965	0.62066484	1	0.133	0.173
0.51730997	1	1.32441749	0.0611747	1	0.057	0.024
0.70446388	1	-9.0628964	0.07816392	1	0	0.008

1	1	-0.0465426	1	1	0	0
0.51702998	1	0.2241275	0.17451753	1	0.057	0.157
0.00386881	1	0.03744677	0.97053766	1	0.248	0.268
0.89935792	1	-0.244221	0.16760804	1	0.219	0.268
0.00023787	1	-0.1874468	0.44401105	1	0.057	0.071
0.02607779	1	-0.1527855	0.44732195	1	0.114	0.094
0.1372533	1	-0.4715949	0.90770033	1	0.019	0.016
0.00024772	1	-0.1701061	0.87162652	1	0.095	0.079
0.76143725	1	-0.1848851	0.88655349	1	0.01	0.071
1	1	9.8189452	0.04861576	1	0	0
0.63799696	1	-0.4888622	0.22396599	1	0.01	0.024
2.62E-07	0.00721862	0.36389043	0.00185127	1	0.933	0.929
0.06083072	1	-0.0531709	0.42494742	1	0.524	0.48
0.01778988	1	-0.2092014	0.28871151	1	0.39	0.307
8.21E-21	2.27E-16	0.05064581	0.57185715	1	0.229	0.205
0.42808354	1	-0.668463	0.52191395	1	0.019	0.016
1.38E-14	3.80E-10	0.06075717	0.1756296	1	0.19	0.165
0.00259866	1	0.06927299	0.85131666	1	0.486	0.378
0.02683224	1	0.48397941	0.30510989	1	0.143	0.205
0.84512698	1	-0.2937406	0.07181288	1	0.219	0.323
0.00154715	1	0.13863727	0.26011082	1	0.124	0.063
1	1	-0.0465426	1	1	0	0
0.57114206	1	-0.2432756	0.59457965	1	0.086	0.063
1.58E-11	4.37E-07	0.26976352	0.01129755	1	0.324	0.354
0.92224867	1	1.41910036	6.95E-06	0.19176231	0.048	0.102
0.33033374	1	0.80468514	0.00022409	1	0.333	0.425
0.00094264	1	0.21873383	0.89791267	1	0.114	0.157
0.42349475	1	0.1904632	0.12855312	1	0.01	0.039
0.76137315	1	-1.6311584	0.32518066	1	0.029	0.024
0.13296031	1	0.92431219	1.46E-08	0.00040197	0.257	0.512
0.23644964	1	1.76881505	0.33366442	1	0.019	0.016
0.28208303	1	-0.6695322	0.35090974	1	0.019	0.031
0.23662197	1	1.33868004	0.16817951	1	0.019	0.047
0.00014756	1	0.00532632	0.6562732	1	0.267	0.26
0.00838874	1	-0.4440697	0.26535318	1	0.095	0.063
0.72401331	1	1.20019099	0.00342902	1	0.067	0.102
0.57017489	1	0.15023238	0.59063478	1	0.162	0.157
0.64367666	1	0.88678722	0.1114215	1	0.01	0.008
0.04729068	1	-0.6939249	0.24863733	1	0.124	0.094
0.71562013	1	0.17048271	0.52312561	1	0.105	0.063
0.16745907	1	7.10223504	0.32710281	1	0	0.008
0.61764915	1	0.72767826	0.02420986	1	0.048	0.142
0.36127648	1	-0.910679	0.6993286	1	0	0.008

0.19338813	1	0.22171372	0.09817735	1	0.448	0.394
0.07266889	1	-0.1750804	0.96378184	1	0.133	0.055
0.61393972	1	-0.2544935	0.76409586	1	0.086	0.063
0.63792001	1	3.69037372	0.00144978	1	0.01	0.008
0.59111152	1	-0.381127	0.38980314	1	0.057	0.055
0.92793541	1	0.03845724	0.47766192	1	0.124	0.055
0.96611291	1	-0.1957253	0.84174851	1	0.162	0.134
0.75636286	1	0.0306456	0.92391418	1	0.486	0.441
0.0671886	1	0.15190075	0.18873361	1	0.162	0.063
0.4147167	1	-1.0065182	0.02178516	1	0.2	0.205
0.30884832	1	-2.1758897	0.54257632	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.88704346	1	0.5851293	0.17338337	1	0.095	0.071
0.98163398	1	-7.8505749	0.15105729	1	0	0.008
0.32343861	1	0.17533305	0.88581318	1	0.048	0.024
1	1	9.32210793	0.32710281	1	0.01	0
0.01240789	1	0.75155704	0.07474616	1	0.067	0.071
0.24221885	1	0.54451624	0.13837842	1	0.352	0.291
0.44730146	1	0.5790932	0.20364107	1	0.029	0.039
0.10167337	1	-0.1315483	0.69851586	1	0.133	0.15
0.03966561	1	-0.1325274	0.88385583	1	0.057	0.063
0.48800022	1	0.16572997	0.19269859	1	0.162	0.134
1.00E-05	0.276607	-0.0872226	0.34484409	1	0.562	0.472
0.13670407	1	-0.6310904	0.84666361	1	0.143	0.134
0.11286867	1	-0.4386726	0.75954869	1	0.114	0.126
0.63792001	1	-1.1397393	0.58671897	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.61128269	1	-0.0117312	0.60048803	1	0.076	0.118
0.30884832	1	-0.6175249	0.97257202	1	0.01	0
0.30884832	1	0.33354375	0.97902395	1	0	0
0.00055478	1	-0.9231665	0.02496787	1	0.124	0.063
0.01470137	1	0.19186499	0.06503382	1	0.848	0.819
0.50825689	1	0.38980177	0.67996047	1	0	0.008
0.05781847	1	-0.2632678	0.35365798	1	0.267	0.205
0.69180038	1	-9.628863	0.07816392	1	0.029	0.008
0.01908162	1	-0.2946995	0.22399824	1	0.048	0.024
0.00024551	1	0.53220111	0.00492656	1	0.448	0.457
0.98163398	1	-8.6117433	0.15105729	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.2028916	1	-1.0377412	0.27473245	1	0.038	0.016
1	1	-0.0465426	1	1	0	0
0.98163398	1	1.50681211	0.98225045	1	0	0.008

0.97638791	1	-0.0546952	0.68368941	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.5813704	1	-1.7480371	0.0705665	1	0.01	0.063
1	1	-0.0465426	1	1	0	0
0.33347506	1	0.8849309	0.02840824	1	0.086	0.087
1	1	-0.0465426	1	1	0	0
1	1	8.69426103	0.32710281	1	0.01	0
1	1	4.62806907	0.32710281	1	0	0
0.5063762	1	-0.1221024	0.54877979	1	0.01	0.016
0.47413309	1	-7.7861254	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	4.62806907	0.32710281	1	0	0
0.30884832	1	-0.022612	0.27827652	1	0	0
0.01621721	1	6.81286223	0.32710281	1	0	0.024
0.01472207	1	1.52997488	0.06403846	1	0.019	0.047
0.47413309	1	-0.6636792	0.58671897	1	0.01	0
0.50044134	1	0.77498499	0.59465998	1	0.048	0.031
0.47413309	1	-6.5737467	0.31142884	1	0.01	0
1	1	9.37103544	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.08968518	1	1.67012964	0.03581614	1	0.01	0.039
0.47413309	1	1.16223344	0.98633536	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.7697253	0.31142884	1	0	0
1	1	6.59547804	0.32710281	1	0.01	0
1	1	8.70041728	0.32710281	1	0	0
0.56833123	1	-0.9763085	0.05610464	1	0.133	0.126
1	1	0.25837905	0.28140511	1	0.029	0.079
0.49524626	1	-0.9364483	0.39045234	1	0.01	0.008
0.52045088	1	-0.1480296	0.79118224	1	0.095	0.039
0.27115078	1	-0.1965908	0.80472056	1	0.286	0.236
0.33414985	1	-0.2199461	0.42536291	1	0.371	0.386
0.04327042	1	0.0671266	0.94361325	1	0.762	0.638
0.02991459	1	1.13792777	0.02032921	1	0.038	0.079
0.30884832	1	-9.2308625	0.15105729	1	0	0
0.36620968	1	-0.6564704	0.44834817	1	0.029	0.008
0.0041111	1	0.20522199	0.20257303	1	0.714	0.677

0.47413309	1	1.62091881	0.58351143	1	0	0
0.07233034	1	0.51300047	0.01866828	1	0.2	0.291
0.51334264	1	0.13636245	0.6853283	1	0.038	0.047
0.21141637	1	-3.4219544	0.29853994	1	0.01	0
0.42283004	1	0.80031739	0.12827169	1	0.029	0.031
0.02016484	1	0.02034495	0.75967777	1	0.067	0.079
0.56648997	1	0.03332468	0.24148612	1	0.048	0.047
0.02687179	1	-0.5152644	0.40180594	1	0.019	0.031
0.69601219	1	-0.2957675	0.96568352	1	0.01	0.008
0.5799063	1	0.04736151	0.95400122	1	0.029	0.016
0.40260477	1	-0.3441736	0.90033282	1	0.067	0.11
0.05085219	1	0.15650961	0.89716975	1	0.229	0.315
0.23603304	1	0.5637845	0.21008477	1	0.038	0.11
0.11977371	1	-0.2496137	0.10436894	1	0.314	0.417
0.40168508	1	-0.1104882	0.60507529	1	0.143	0.126
0.02556678	1	0.21387938	0.47330771	1	0.295	0.362
0.46291843	1	-0.6393962	0.60237388	1	0.086	0.047
0.00099963	1	0.07120556	0.49921022	1	0.667	0.661
0.50825689	1	-9.8050471	0.04168349	1	0	0.008
0.01131823	1	1.56503766	0.01570927	1	0.152	0.094
0.15899014	1	-0.8850774	0.06791965	1	0.076	0.055
0.64367666	1	0.56859673	0.33569097	1	0	0.008
0.68243169	1	0.68044103	0.34370428	1	0.048	0.031
0.96461538	1	0.02934663	0.77907649	1	0.038	0.016
0.114356	1	0.24623295	0.37377344	1	0.143	0.087
0.47413309	1	-0.3496382	0.98178118	1	0	0
0.68083457	1	0.25875594	0.55425866	1	0.038	0.055
0.08881073	1	0.00922289	0.40947259	1	0.095	0.047
0.30884832	1	-1.1744867	0.54567368	1	0	0
0.26125492	1	-1.1526899	0.28864095	1	0.029	0.008
0.01748743	1	-1.284209	0.1343586	1	0.01	0.016
0.62930386	1	0.29906724	0.77699816	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.16745907	1	4.95779975	0.32710281	1	0	0.008
0.19254329	1	0.98633238	0.73236962	1	0	0.031
0.62930386	1	0.8165346	0.17971899	1	0	0.024
0.64367666	1	0.95869903	0.58351143	1	0	0.008
0.28325602	1	-0.8419538	0.43831338	1	0.057	0.079
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-6.9434849	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-1.4650929	0.38862877	1	0	0

0.70822438	1	0.18754125	0.98879357	1	0.238	0.15
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.70133365	0.58031208	1	0.01	0
1.92E-05	0.53019563	0.11376114	0.43101764	1	0.248	0.181
1	1	-0.0465426	1	1	0	0
0.08673758	1	0.51383521	0.0039743	1	0.419	0.37
0.000173	1	0.66779692	0.11751217	1	0.257	0.339
0.05012925	1	7.63263319	0.32710281	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.97635026	0.16448785	1	0	0
0.22114379	1	2.6644195	0.00488362	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.48970692	1	0.96699173	0.06609736	1	0.019	0.024
0.00013828	1	0.42122341	0.06456459	1	0.143	0.22
0.7983938	1	0.72559717	0.02361677	1	0.01	0.016
0.47413309	1	0.89491388	0.58351143	1	0	0
0.02322729	1	-0.6616254	0.18467828	1	0.057	0.047
0.92857405	1	0.17974523	0.56815953	1	0.21	0.213
0.11807468	1	-0.1127984	0.80826026	1	0.029	0.047
0.16745907	1	8.75793905	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.06606317	1	-0.1280256	0.70569423	1	0.629	0.693
0.00069946	1	0.20020393	0.04525756	1	0.876	0.858
0.47413309	1	-8.4969153	0.31142884	1	0	0
0.97114286	1	1.34932586	0.16938386	1	0.01	0.008
1	1	8.89361265	0.32710281	1	0.01	0
0.97114286	1	-1.5795319	0.54567368	1	0	0.008
0.05564333	1	-1.3082185	0.42264214	1	0.057	0.094
0.30884832	1	-8.525075	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.10363208	1	0.61567365	0.39910747	1	0.162	0.189
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.1017468	0.15105729	1	0	0
0.0971613	1	-1.25013	0.28112687	1	0.038	0.039
0.23644964	1	0.34749294	0.58671897	1	0	0.016
0.0792186	1	0.14307858	0.67785833	1	0.305	0.331
0.6877772	1	0.08400809	0.82350642	1	0.029	0.031

9.64E-05	1	3.36322572	0.00277053	1	0.048	0.087
0.16745907	1	-0.0465426	1	1	0	0.008
0.63792001	1	-0.8213063	0.98178118	1	0.019	0.008
0.51515934	1	-0.0490794	0.80499483	1	0.038	0.031
0.90561309	1	0.18795259	0.74108986	1	0.143	0.157
0.64367666	1	1.45450302	0.03759635	1	0.029	0.008
1	1	8.06529187	0.32710281	1	0.01	0
0.69180038	1	1.34633699	0.14349362	1	0.01	0.008
0.87309585	1	0.72192243	0.14298336	1	0.019	0.031
0.90602063	1	-1.0119329	0.71290674	1	0.01	0.031
0.10536053	1	0.84265691	0.42608138	1	0.01	0
0.35882559	1	-1.4298638	0.44406209	1	0	0.008
0.70023339	1	0.91594327	0.33800535	1	0.01	0.008
0.29212717	1	-0.0602184	0.83176279	1	0.029	0.039
0.14820265	1	0.96928517	0.55299307	1	0	0
4.40E-05	1	0.12025466	0.71306194	1	0.048	0.031
0.44613469	1	-0.4829088	0.80212142	1	0.124	0.142
0.04098287	1	-0.056189	0.57353671	1	0.229	0.236
0.17041932	1	0.23747705	0.4282583	1	0.314	0.276
0.05012925	1	9.59419901	0.08811101	1	0	0.016
0.11598304	1	0.05486801	0.93149316	1	0.143	0.236
0.49848215	1	-0.3179266	0.67771436	1	0.029	0.008
0.32025362	1	0.46454578	0.33529343	1	0.276	0.173
0.18001793	1	-0.3368551	0.70103224	1	0.048	0.063
0.00294242	1	1.18447566	0.00259654	1	0.162	0.26
0.75205709	1	-0.1909473	0.93367787	1	0.105	0.094
0.23894084	1	-0.2455752	0.39920501	1	0.4	0.276
0.78658181	1	-2.4513251	0.30042403	1	0	0.016
0.25090482	1	-1.0902012	0.03115455	1	0.067	0.087
0.01308339	1	0.17693019	0.41389584	1	0.41	0.331
0.34426066	1	0.14072192	0.41673931	1	0.162	0.165
0.37478662	1	-0.0992619	0.8545811	1	0.248	0.213
0.22205551	1	-0.2677285	0.4537713	1	0.21	0.15
1	1	-0.0465426	1	1	0	0
0.06027276	1	0.15562941	0.7422268	1	0.543	0.528
0.62930386	1	1.81924841	0.07653643	1	0.048	0.024
0.10268452	1	-1.0803733	0.25716906	1	0.086	0.024
0.47413309	1	-0.6806421	0.98178118	1	0	0
0.89556933	1	-0.4819776	0.2440453	1	0.276	0.276
0.65014909	1	0.6068189	0.11664615	1	0.095	0.055
0.36164686	1	0.0721994	0.72931742	1	0.114	0.11
0.89629646	1	-0.6325825	0.18993013	1	0.086	0.134
0.57660161	1	-0.4093949	0.39612683	1	0.114	0.157

0.49910514	1	2.33398044	0.10021006	1	0.01	0.016
0.3862947	1	-0.183335	0.36284502	1	0.038	0.024
0.97464716	1	-0.5991784	0.23867009	1	0.133	0.126
0.05462178	1	0.32332577	0.09737208	1	0.286	0.299
0.95354301	1	-0.6551325	0.73141389	1	0.029	0.031
0.00737376	1	0.31902207	0.04346978	1	0.676	0.63
0.31007573	1	-0.3451351	0.18522926	1	0.105	0.079
0.37141747	1	-0.2503004	0.85033729	1	0.124	0.118
0.95089159	1	-0.1181348	0.85096776	1	0.057	0.031
0.45383723	1	-0.2874228	0.14407348	1	0.21	0.236
1	1	7.13407732	0.32710281	1	0	0
0.67893279	1	-0.0788283	0.89624759	1	0.171	0.181
0.00142892	1	0.41227171	0.14953817	1	0.095	0.102
0.47413309	1	-9.0883083	0.31142884	1	0.01	0
0.00047192	1	-1.4536257	0.00233403	1	0.076	0.016
0.47413309	1	-7.9589722	0.31142884	1	0	0
0.69368205	1	0.39951114	0.58837218	1	0.086	0.087
0.57637173	1	-0.3057797	0.74275706	1	0.152	0.134
0.00132369	1	0.10464787	0.26992726	1	0.333	0.472
0.43566231	1	0.87714775	0.24925738	1	0.057	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.04435703	1	-0.2728298	0.91063587	1	0.019	0.016
0.20054005	1	-0.9279217	0.27744044	1	0.01	0.016
0.65072233	1	-0.5542172	0.9216407	1	0.019	0.031
0.14205396	1	-0.0222053	0.56345397	1	0.01	0.008
0.70023339	1	1.61254373	0.33527931	1	0.019	0.008
0.30884832	1	-0.2477688	0.97257202	1	0	0
0.05012925	1	8.38768103	0.16448785	1	0	0.016
0.01415057	1	-0.1049101	0.67496978	1	0.057	0.016
0.05012925	1	9.82566274	0.04861576	1	0.01	0.016
0.47413309	1	0.42185838	0.98633536	1	0	0
0.80992016	1	0.32697643	0.43899323	1	0.076	0.063
0.37927704	1	0.26221806	0.69290725	1	0.076	0.094
1	1	8.80408592	0.16448785	1	0	0
0.23882108	1	0.49150338	0.09697878	1	0.038	0.079
0.26594592	1	0.19897342	0.40229258	1	0.095	0.055
0.33347299	1	-0.4560906	0.67323072	1	0	0.031
0.68444771	1	0.66540908	0.8722851	1	0.057	0.031
0.48761694	1	-1.2827265	0.1457142	1	0	0.024
0.47413309	1	-8.5407297	0.31142884	1	0	0
0.30884832	1	-9.268061	0.15105729	1	0.01	0

0.64367666	1	-0.6375693	0.98178118	1	0	0.008
0.73302993	1	-0.0139955	0.550256	1	0.019	0.039
0.42051315	1	0.0627972	0.7416214	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.492802	0.31142884	1	0	0
0.49848215	1	-10.168277	0.04168349	1	0	0.008
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.00560846	1	1.55324602	0.16760819	1	0.019	0.055
0.36771373	1	-1.1965007	0.32180402	1	0.048	0.079
0.69180038	1	-2.7103387	0.30042403	1	0	0.008
1	1	9.48478152	0.16448785	1	0	0
0.36635004	1	-0.7153041	0.18809448	1	0.067	0.039
0.00513682	1	-0.2872041	0.62202261	1	0.171	0.102
1	1	-0.0465426	1	1	0	0
0.97114286	1	-8.2452509	0.15105729	1	0.01	0.008
0.78265522	1	0.15048868	0.97096043	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.1188107	1	1.25289487	2.73E-09	7.54E-05	0.133	0.283
0.38274301	1	-0.0425953	0.58872799	1	0.429	0.504
0.97114286	1	-0.2806024	0.54877979	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.49160274	1	-0.2704196	0.63922853	1	0.133	0.118
7.01E-11	1.93E-06	-0.1208176	0.20840209	1	0.248	0.236
0.34577732	1	0.97150777	0.17971899	1	0.038	0.031
0.99903524	1	-0.6724795	0.02219021	1	0.171	0.339
0.74755693	1	-1.0888563	0.70953272	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.3970492	0.68103189	1	0	0
0.66021612	1	-0.1454205	0.27373204	1	0.029	0.102
1	1	-0.0465426	1	1	0	0
0.00023614	1	-0.1966821	0.58054779	1	0.124	0.126
1	1	9.0237086	0.16448785	1	0	0
0.78630306	1	0.02492771	0.92681715	1	0.029	0.055
0.64367666	1	2.21266672	0.32963505	1	0	0.008
0.22825547	1	-0.0977485	0.67719339	1	0.038	0.071
1	1	-0.0465426	1	1	0	0
0.51370259	1	-10.117339	0.15105729	1	0	0.016
0.52335051	1	-0.2134445	0.55845981	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.12888926	0.32710281	1	0	0.008
0.22114379	1	1.12948211	0.4338148	1	0.01	0.024
0.19701436	1	1.51618668	0.73236962	1	0.019	0.031
0.61500867	1	-0.5853572	0.31129042	1	0.048	0.063

1	1	-0.0465426	1	1	0	0
0.00068576	1	-0.035109	0.87448604	1	0.038	0.047
7.62E-05	1	0.10445404	0.50780701	1	0.048	0.055
0.33107999	1	-1.05432	0.19178249	1	0.048	0.039
0.97893694	1	0.23336858	0.37947569	1	0.486	0.299
0.5633639	1	0.68742324	0.46165204	1	0.019	0.016
0.43620411	1	0.34469789	0.13482243	1	0.01	0.039
0.7545569	1	0.94821217	0.0004985	1	0.124	0.079
0.13494276	1	-0.1582892	0.62559905	1	0.019	0.063
0.73062021	1	0.03645109	0.31665229	1	0.019	0.039
0.07293079	1	0.21035974	0.08555798	1	0.467	0.504
0.98873055	1	0.38099975	0.36862842	1	0.181	0.126
0.07883795	1	0.01623894	0.60047572	1	0.81	0.795
0.76995608	1	-0.4671531	0.31257349	1	0.324	0.268
0.62166695	1	-0.0971205	0.55183529	1	0.238	0.276
1	1	8.72468206	0.32710281	1	0	0
0.02725698	1	0.0043819	0.55635235	1	0.448	0.457
0.00704418	1	0.7826114	0.00781672	1	0.295	0.331
0.09555728	1	0.2198137	0.09642637	1	0.352	0.291
0.32575098	1	-0.2815183	0.15555538	1	0.41	0.433
0.30884832	1	-0.0083793	0.97579778	1	0.01	0
0.11721889	1	0.68561525	0.45446883	1	0.067	0.087
0.65517983	1	0.11789358	0.4578543	1	0.038	0.031
0.58416944	1	-0.8827865	0.14214514	1	0.076	0.087
0.54003219	1	0.01403917	0.93274105	1	0.21	0.15
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.7852761	1	0.90356409	0.59122821	1	0.01	0.047
0.97638791	1	1.26494336	0.10477056	1	0.029	0.008
0.64976336	1	-0.4596532	0.33354257	1	0.19	0.165
0.27627963	1	0.00285393	0.83661161	1	0.467	0.378
0.83829273	1	0.10359271	0.41424556	1	0.095	0.094
0.07134163	1	1.27075085	7.51E-08	0.00207187	0.143	0.244
0.0334064	1	0.12224403	0.88582767	1	0.171	0.213
0.92071549	1	0.78679351	0.37514279	1	0.019	0.087
0.05012925	1	6.80645557	0.32710281	1	0	0.016
0.29856618	1	0.02597357	0.64700098	1	0.276	0.252
0.51763401	1	0.02899054	0.69531856	1	0.029	0.031
0.86762812	1	1.18122219	0.13719314	1	0.048	0.031
0.52230577	1	0.22470696	0.35224356	1	0.048	0.055
0.00083578	1	0.25932427	0.79505374	1	0.038	0.047
0.19972278	1	0.09977434	0.5340707	1	0.048	0.071
0.70446388	1	1.07787666	0.22148212	1	0.01	0.008

0.00280967	1	0.01005868	0.68263929	1	0.181	0.126
0.96128302	1	0.10788333	0.63557928	1	0.171	0.157
0.16745907	1	-0.0465426	1	1	0	0.008
0.08123777	1	0.22627566	0.82697622	1	0.057	0.134
0.92244774	1	-1.376808	0.53504136	1	0	0.039
0.31577177	1	-0.2649111	0.83937245	1	0.067	0.071
0.30884832	1	0.42832921	0.97579778	1	0	0
0.3700709	1	-0.049562	0.76751762	1	0.476	0.449
0.47413309	1	-9.1677248	0.31142884	1	0	0
0.14628817	1	0.2686944	0.3308982	1	0.305	0.252
0.93992499	1	0.37742304	0.31207049	1	0.076	0.047
1	1	-0.0465426	1	1	0	0
0.19701436	1	0.94613968	0.73006268	1	0.01	0.031
0.43255993	1	0.00478345	0.67022717	1	0	0.016
0.75240068	1	1.26317961	0.02481139	1	0.048	0.039
0.14117825	1	0.28922521	0.08710933	1	0.067	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.72547834	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	3.17696923	0.19045963	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.71842113	0.32710281	1	0	0
1	1	9.31535291	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-8.4690879	0.31142884	1	0.01	0.008
0.47413309	1	-7.3630802	0.31142884	1	0.01	0
0.63792001	1	-7.5563804	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.95345245	1	-0.058477	0.7811564	1	0.048	0.016
0.01224944	1	-0.4749652	0.42628099	1	0.029	0.024
0.97114286	1	-0.3659772	0.54877979	1	0	0.008
0.47413309	1	-6.6300567	0.31142884	1	0	0
0.30884832	1	-0.6823307	0.54567368	1	0.01	0
0.96461538	1	-0.6967037	0.39411505	1	0	0.016
1	1	7.66311566	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.36127648	1	-0.3110631	0.81451524	1	0.01	0.008
4.20E-06	0.11580449	-0.0466561	0.88091209	1	0.829	0.858
0.52219252	1	-0.2633376	0.45203905	1	0.257	0.315
0.70446388	1	-0.0344652	0.63389996	1	0	0.008

0.06775964	1	-0.4788346	0.76895182	1	0.114	0.126
0.25759727	1	-0.6790819	0.71159262	1	0	0.008
1	1	5.45342005	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-0.2537166	0.54877979	1	0.01	0.008
0.49524626	1	-0.6531104	0.79157916	1	0.048	0.008
1	1	-0.0465426	1	1	0	0
0.96461538	1	-0.3957448	0.95762876	1	0.01	0.016
0.19788386	1	-0.2862194	0.96906336	1	0.238	0.315
0.05012925	1	-0.0465426	1	1	0	0.016
0.16745907	1	7.79107182	0.16448785	1	0	0.008
0.4773252	1	-0.0595464	0.53947825	1	0.248	0.189
0.01436708	1	0.5158504	0.20442174	1	0.124	0.15
3.89E-10	1.07E-05	-1.0036061	6.48E-05	1	0.133	0.094
0.03068911	1	-0.6509922	0.2767041	1	0.048	0.039
0.32092063	1	0.12995833	0.43275807	1	0.038	0.087
9.58E-07	0.02643532	0.15173285	0.36399158	1	0.143	0.055
0.31295075	1	0.07522855	0.76290152	1	0.019	0.024
0.79144345	1	0.3889118	0.15583664	1	0.057	0.047
1	1	-0.0465426	1	1	0	0
8.44E-06	0.23289815	0.20149722	0.32415636	1	0.057	0.102
1	1	7.56040886	0.32710281	1	0	0
0.47413309	1	-7.8919709	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.81764861	1	-0.8154091	0.22360757	1	0.048	0.071
0.47413309	1	-0.8766385	0.98178118	1	0	0
0.21141637	1	-0.4397644	0.63132234	1	0.01	0
0.47413309	1	-0.2002782	0.98178118	1	0.01	0
0.62010994	1	0.19058265	0.27619275	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.0059416	0.98178118	1	0	0
0.04086952	1	-0.2390984	0.7187926	1	0.038	0.039
0.16637051	1	0.85674386	0.7707728	1	0.019	0.039
0.13881896	1	-0.2278059	0.85409556	1	0.076	0.031
0.72401898	1	0.70221313	0.01197091	1	0.162	0.173
0.00639549	1	-0.1829854	0.47231738	1	0.152	0.165
0.00297122	1	-0.4790371	0.43139012	1	0.038	0.024
0.00175805	1	0.2299783	0.26024735	1	0.105	0.087
0.02149358	1	0.33357582	0.31364871	1	0.038	0.079
0.01927952	1	-0.7800794	0.00340084	1	0.105	0.15
0.97638791	1	-1.9091592	0.54567368	1	0	0.008
1	1	-0.0465426	1	1	0	0

0.10635249	1	-0.3609002	0.72154588	1	0.038	0.055
1	1	9.08458468	0.16448785	1	0	0
0.70526458	1	-0.2214994	0.6726722	1	0.133	0.094
0.49524626	1	-2.1074416	0.38318926	1	0.01	0.008
0.79051383	1	0.35010985	0.73699075	1	0.019	0.016
0.06742622	1	-0.4449682	0.511548	1	0.048	0.024
0.58399531	1	0.32169498	0.18946585	1	0.086	0.213
0.0287767	1	-0.1266588	0.62025788	1	0	0.008
1.53E-11	4.22E-07	-0.491826	0.00300136	1	0.324	0.157
0.70023339	1	1.70720572	0.14148758	1	0.019	0.008
0.21141637	1	-0.2331128	0.9683218	1	0.01	0
0.76556596	1	0.62693806	0.03854068	1	0.029	0.063
0.01798786	1	-0.4805375	0.99506093	1	0.019	0.016
0.01570515	1	0.22235023	0.15376435	1	0.486	0.512
0.00016285	1	0.32245603	0.01446933	1	0.638	0.591
0.0752354	1	-1.0258482	0.16628568	1	0.076	0.063
0.98163398	1	-8.6161447	0.15105729	1	0.01	0.008
1	1	8.45550203	0.16448785	1	0	0
0.30884832	1	-1.2900921	0.9693467	1	0.01	0
0.57532071	1	-0.2446766	0.77494348	1	0.086	0.087
0.64367666	1	1.46835555	0.58351143	1	0.01	0.008
0.47413309	1	-7.5597652	0.31142884	1	0.01	0
0.16745907	1	8.97563648	0.16448785	1	0.01	0.008
0.09006875	1	0.34884093	0.42735111	1	0.267	0.276
0.69313835	1	0.53577258	0.62543159	1	0.029	0.031
0.28336648	1	0.70855529	0.36404326	1	0.029	0.071
0.17554896	1	-0.5789914	0.12352652	1	0.067	0.063
0.97511972	1	-0.2735138	0.98825193	1	0.086	0.126
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-1.1078711	0.39045234	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.76692129	1	-0.7290355	0.93211551	1	0.029	0.024
1	1	7.634098	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.33094989	0.32710281	1	0	0
0.64367666	1	1.34773188	0.58351143	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.46425217	0.16448785	1	0	0.008

1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.49910514	1	2.59398764	0.10133508	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50825689	1	-0.2977928	0.78323788	1	0	0.008
0.64367666	1	-8.9272492	0.31142884	1	0	0.008
0.02294822	1	-0.1076962	0.48156881	1	0.124	0.11
0.64367666	1	-0.6853424	0.58671897	1	0.01	0.008
0.47413309	1	-7.5597652	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.09860662	1	0.2355599	0.91432982	1	0.029	0.071
1	1	5.45342005	0.32710281	1	0	0
0.00999735	1	-0.2120651	0.98429321	1	0.305	0.331
1	1	-0.0465426	1	1	0.01	0
0.50022876	1	-2.5669532	0.00947345	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
1	1	4.95779975	0.32710281	1	0	0
0.13592071	1	0.75150304	0.40645633	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.265436	1	-0.0095524	0.68664436	1	0.314	0.354
0.61552194	1	0.09170164	0.34678987	1	0.381	0.291
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.59645043	0.98633536	1	0	0
0.91709395	1	0.14197954	0.56081008	1	0.038	0.063
1	1	-0.0465426	1	1	0	0
0.47413309	1	3.74593959	0.10920768	1	0	0
0.61828677	1	0.29400433	0.31405515	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.7983938	1	2.2224881	0.00811439	1	0.01	0.016
0.30884832	1	-0.3251916	0.97579778	1	0	0
0.84097338	1	0.62946287	0.06873457	1	0.029	0.063
1	1	-0.0465426	1	1	0	0
0.09365651	1	-0.2302295	0.72090861	1	0.124	0.165
0.14820265	1	-0.6461541	0.39411505	1	0	0
0.19701436	1	1.37973754	0.09139056	1	0.019	0.031
0.47413309	1	-2.1225529	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.59849887	1	-0.0335931	0.52311751	1	0.19	0.126
0.66052459	1	0.78779685	0.04212205	1	0.029	0.063
0.23906368	1	-8.1312956	0.31142884	1	0	0.016

0.03080385	1	0.11143451	0.51923978	1	0.381	0.528
0.26866548	1	0.36761564	0.08818714	1	0.19	0.228
0.43713919	1	-0.3841451	0.50904685	1	0.19	0.236
0.63792001	1	-7.920542	0.31142884	1	0	0.008
0.8383084	1	-0.7576872	0.1494543	1	0.105	0.126
0.41921515	1	-0.0528863	0.6941831	1	0.352	0.362
0.57398316	1	-0.9129966	0.14239274	1	0.067	0.087
0.76106274	1	-0.2971161	0.88917454	1	0.029	0.071
0.04321695	1	0.17718339	0.89283724	1	0.267	0.142
0.00201	1	-0.8196288	0.93215763	1	0.038	0.134
0.44615054	1	-2.1451122	0.0840138	1	0	0.016
0.70708398	1	0.44803269	0.39273824	1	0.152	0.189
0.05458447	1	0.28153897	0.39047318	1	0.01	0
0.14951168	1	0.2243183	0.59169098	1	0.029	0.016
0.0990826	1	-0.1849104	0.73236068	1	0.048	0.008
0.8275329	1	0.10032673	0.61759312	1	0.39	0.339
0.00034713	1	-0.5936694	0.01745283	1	0.095	0.118
0.55238084	1	0.48721909	0.22616211	1	0.333	0.252
0.19233053	1	-0.881423	0.51733355	1	0	0.008
0.69882017	1	-0.0712431	0.52800045	1	0.086	0.055
0.08419418	1	0.25478207	0.67249254	1	0.019	0.024
0.16745907	1	7.61285947	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00739785	1	-0.3340973	0.2918147	1	0.171	0.063
0.26830777	1	-0.0550821	0.92438116	1	0.086	0.039
0.69305764	1	-0.0461749	0.69817435	1	0.133	0.134
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.57710571	1	-0.046988	0.7018451	1	0.305	0.307
0.01621721	1	7.37750502	0.32710281	1	0.019	0.024
0.14284469	1	0.37990683	0.35317634	1	0.019	0.055
0.00099	1	-0.1601239	0.55061762	1	0.114	0.189
0.14370298	1	0.43921609	0.52671107	1	0.067	0.079
0.23877044	1	0.11616065	0.58279146	1	0.381	0.417
0.47413309	1	-0.3417671	0.98178118	1	0	0
0.16745907	1	7.85729544	0.32710281	1	0.01	0.008
0.64367666	1	1.02817986	0.58351143	1	0	0.008
0.36798251	1	-0.4083968	0.56763412	1	0.076	0.063
0.91754083	1	-0.6165351	0.73911805	1	0.019	0.039
1	1	7.75483709	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.39569263	1	-0.181053	0.9902636	1	0.314	0.339
0.0755948	1	-1.8477393	0.14262489	1	0	0
0.33195399	1	-0.252527	0.8507758	1	0.143	0.102
0.93662378	1	0.81825068	0.01347078	1	0.048	0.055
0.02102196	1	-0.1244052	0.77815084	1	0	0
0.24546763	1	0.01424062	0.33020254	1	0.124	0.118
0.84148656	1	0.46895137	0.17713582	1	0.19	0.213
0.05054222	1	-1.3664427	0.13698402	1	0.01	0.024
4.47E-07	0.01234225	0.0285775	0.54981224	1	0.771	0.717
1	1	5.61907498	0.32710281	1	0	0
0.04461291	1	0.01151024	0.88630366	1	0.162	0.165
3.19E-06	0.08805809	9.58711972	0.04861576	1	0.01	0.087
0.37567715	1	-0.517552	0.25099306	1	0.248	0.228
0.09377885	1	-0.3125473	0.65730386	1	0.067	0.063
0.34994225	1	0.17953205	0.97136346	1	0.01	0.031
0.04384631	1	0.35915942	0.38763856	1	0.048	0.039
0.77526587	1	-0.9480374	0.52191395	1	0.01	0.024
0.1703615	1	0.19430837	0.63500091	1	0.286	0.339
0.50575572	1	0.42020101	0.47602555	1	0.124	0.094
0.47413309	1	2.52730324	0.10920768	1	0	0
2.05E-06	0.05653396	0.91847518	0.07463684	1	0.162	0.236
0.14820265	1	0.59652562	0.55644284	1	0.01	0
1	1	-0.0465426	1	1	0.029	0
0.21141637	1	-10.071455	0.07816392	1	0.029	0
0.84091157	1	1.65584728	0.1426866	1	0.019	0.024
0.00117132	1	0.20572227	0.53508298	1	0.333	0.323
0.64367666	1	-7.0476366	0.31142884	1	0	0.008
0.27119429	1	-0.8452113	0.60191899	1	0.038	0.031
0.05332263	1	-0.7805672	0.11790566	1	0.133	0.031
0.97114286	1	2.08243566	0.42993711	1	0	0.008
0.08653109	1	-2.8545629	0.98178118	1	0.019	0.024
0.04679263	1	-1.422401	0.0379433	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.2591002	0.31142884	1	0	0.008
0.21141637	1	-9.3011986	0.07816392	1	0	0
0.19820147	1	-0.279567	0.98691015	1	0.076	0.102
0.64367666	1	1.48978967	0.58351143	1	0	0.008
0.78658181	1	0.58884329	0.50707423	1	0.01	0.016
0.09602051	1	0.27051291	0.2033802	1	0.057	0.134
0.47413309	1	-0.1014257	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	10.0094625	0.02728712	1	0	0

0.69180038	1	0.38821773	0.97887812	1	0.019	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.05837955	1	-0.2231513	0.96764633	1	0.076	0.118
0.21141637	1	-0.2312064	0.74394025	1	0.029	0
0.64367666	1	-0.8717624	0.58671897	1	0.019	0.008
0.87557237	1	0.09662111	0.72808662	1	0.105	0.134
0.66964128	1	-0.1152713	0.90199156	1	0.048	0.039
0.00273327	1	1.37825606	0.0328166	1	0.038	0.079
0.00755722	1	0.17914301	0.08054863	1	0.638	0.496
0.69464127	1	-0.3024227	0.5439465	1	0.248	0.276
1	1	-0.5349242	0.25211933	1	0.124	0.22
0.02004346	1	0.30641626	0.14682447	1	0.552	0.48
0.5813704	1	0.47491528	0.23536541	1	0.114	0.063
0.07502465	1	0.17664352	0.30322457	1	0.514	0.512
0.44586068	1	0.19258003	0.95147915	1	0.19	0.189
0.74296495	1	-0.01421	0.5374445	1	0.733	0.512
0.53998642	1	0.27608391	0.4418259	1	0.152	0.118
0.74772004	1	-0.0284996	0.79993475	1	0.086	0.079
0.85415786	1	-0.8809948	0.25289901	1	0.143	0.142
0.9696558	1	-0.5021359	0.39063977	1	0.029	0.071
0.00264487	1	-0.5821178	0.20659981	1	0.057	0.039
1	1	-0.0465426	1	1	0	0
0.00022637	1	-0.2809581	0.64417505	1	0.057	0.047
0.92949172	1	0.69739247	0.09810077	1	0.076	0.079
0.22652066	1	-0.4419505	0.74970796	1	0.038	0.024
0.70023339	1	0.07453086	0.63389996	1	0	0.008
0.63792001	1	1.12286451	0.33366442	1	0	0.008
0.32688381	1	-0.0591072	0.86941091	1	0.324	0.386
0.55458478	1	1.75282538	0.18617415	1	0.029	0.039
0.00542594	1	9.96877936	0.04861576	1	0.029	0.031
0.63792001	1	-8.0659372	0.31142884	1	0.029	0.008
1	1	8.01507063	0.32710281	1	0.01	0
0.97273734	1	-0.2900279	0.59114106	1	0.057	0.063
0.47413309	1	-7.1164071	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.1763188	0.31142884	1	0	0
0.47413309	1	-0.1041904	0.98178118	1	0.01	0
0.47413309	1	2.4740789	0.58031208	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.10536053	1	-0.2424192	0.70334705	1	0	0
0.71202216	1	-1.5993358	0.82526916	1	0.048	0.031
1	1	6.81286223	0.32710281	1	0	0
0.01621721	1	8.51950208	0.16448785	1	0.01	0.024

0.2809718	1	0.23066963	0.09610311	1	0.581	0.504
0.51515934	1	0.79933189	0.43136514	1	0.076	0.031
0.35535285	1	-0.0349575	0.91075413	1	0.276	0.362
0.04875323	1	-0.1913292	0.84535039	1	0.019	0.047
0.05458447	1	0.53429682	0.27897126	1	0.019	0
0.47413309	1	-7.1164071	0.31142884	1	0	0
0.23009367	1	-0.979205	0.05314146	1	0.019	0.047
0.05458447	1	-0.2825922	0.52651511	1	0.019	0
0.90166161	1	-0.1480141	0.92821855	1	0.067	0.055
0.23438243	1	1.13976185	0.01742187	1	0.133	0.126
0.08965626	1	-0.3581084	0.97179567	1	0.267	0.236
0.23908646	1	-0.1873934	0.77338972	1	0.067	0.102
0.00027105	1	0.12576468	0.92350561	1	0.695	0.717
0.41104387	1	0.5345638	0.2887962	1	0.181	0.181
0.4642447	1	0.6932588	0.15972711	1	0.029	0.063
0.42331736	1	0.09440668	0.66528379	1	0.038	0.047
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.3317807	0.98178118	1	0	0
1	1	8.03821046	0.32710281	1	0	0
0.50273372	1	-8.9137553	0.15105729	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.30884832	1	-2.9978484	0.54257632	1	0.01	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.23644964	1	2.69250085	0.1880184	1	0.01	0.016
0.47413309	1	-1.9374502	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	5.45342005	0.32710281	1	0	0
0.62930386	1	-1.0261839	0.3922811	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.97114286	1	-1.4567183	0.68901619	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.8177033	0.31142884	1	0	0
0.01621721	1	7.13222077	0.32710281	1	0.01	0.024
1	1	5.45342005	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4854208	0.31142884	1	0.01	0
1	1	8.46586628	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.0042632	1	0.11342594	0.81864363	1	0.552	0.591

0.70023339	1	0.52200635	0.73699075	1	0.01	0.008
0.14820265	1	-0.3847026	0.6754711	1	0	0
1	1	-0.0465426	1	1	0	0
0.83457485	1	-0.3835324	0.9548435	1	0	0.024
0.76414571	1	-0.9016631	0.33248137	1	0.038	0.024
0.69180038	1	0.95499299	0.73699075	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.49524626	1	-1.6856034	0.3868104	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.1239275	0.31142884	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.90857075	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.0072812	0.98633536	1	0	0
0.00258397	1	0.41422443	0.02129165	1	0.076	0.173
0.82324834	1	-0.4865699	0.90387405	1	0.076	0.087
1	1	8.24577905	0.32710281	1	0	0
0.5063762	1	-8.0103738	0.15105729	1	0	0.016
0.10191824	1	-0.2360139	0.41840633	1	0.267	0.378
0.12610202	1	0.28346634	0.30361571	1	0.448	0.425
0.03639143	1	0.0660666	0.98149259	1	0.048	0.047
0.00098809	1	-0.1744052	0.75644236	1	0.048	0.039
0.01883814	1	-0.8817917	0.38748193	1	0.01	0.024
5.21E-14	1.44E-09	-0.2240592	0.31037637	1	0.162	0.15
0.0418267	1	-0.486894	0.08909349	1	0.238	0.26
0.03196716	1	-0.4879942	0.61305871	1	0.019	0.024
0.56346821	1	0.72203635	0.38339934	1	0.019	0.063
0.84408382	1	0.66044018	0.59956087	1	0	0.024
0.77315776	1	0.04193039	0.8652593	1	0.305	0.268
0.19360484	1	0.52685291	0.45378128	1	0.029	0.016
0.00010867	1	0.11422453	0.5837542	1	0.686	0.677
0.71553654	1	-0.0924821	0.83527077	1	0.324	0.378
0.05647765	1	0.26161759	0.08037196	1	0.295	0.276
0.18258735	1	-0.5757046	0.13038107	1	0.105	0.189
0.00122418	1	0.04077454	0.94958249	1	0.076	0.126
0.92333064	1	-0.2678552	0.64649089	1	0.086	0.134
0.62229654	1	0.34659451	0.23240126	1	0.181	0.173

0.67145296	1	0.68045607	0.06262113	1	0.038	0.071
0.05982797	1	-0.2140423	0.82387671	1	0.229	0.213
0.719167	1	-0.0949932	0.57063166	1	0.229	0.157
0.79179028	1	0.12669588	0.55741209	1	0.067	0.087
0.00575354	1	-0.2049698	0.89046011	1	0.105	0.079
0.1543353	1	-0.232648	0.69424474	1	0.143	0.197
0.14240847	1	-0.7295992	0.94583942	1	0.019	0.016
0.22586174	1	0.04744291	0.65700537	1	0.048	0.055
0.09053092	1	0.29622522	0.15587725	1	0.095	0.189
2.33E-09	6.44E-05	-0.3525132	0.08859477	1	0.124	0.118
0.01932414	1	0.04026198	0.31890899	1	0.086	0.079
0.47413309	1	0.41004866	0.58671897	1	0	0
0.61828677	1	0.03153916	0.69387776	1	0	0.024
0.00217987	1	0.06929937	0.93346795	1	0.076	0.047
0.47517877	1	-0.1690339	0.93371783	1	0.038	0.024
0.19511143	1	0.42171297	0.74866213	1	0.029	0.008
0.13323334	1	-0.0516119	0.84326607	1	0.143	0.087
0.65294953	1	-1.0806872	0.56109891	1	0.01	0.031
0.89915816	1	-1.077603	0.18844726	1	0.076	0.047
0.97404041	1	-0.5717183	0.83586382	1	0.038	0.024
0.10600679	1	-0.482544	0.50970499	1	0.038	0.031
0.47475775	1	-1.1262264	0.45807696	1	0.086	0.087
0.59546159	1	0.1305324	0.43301159	1	0.048	0.071
0.63792001	1	-0.0165395	0.98633536	1	0.01	0.008
2.19E-07	0.00604441	-0.3083971	0.04151797	1	0.2	0.252
0.63015267	1	0.64953465	0.10488419	1	0.019	0.063
0.97397151	1	-0.0637079	0.81526471	1	0.143	0.157
0.3512921	1	-0.7283003	0.20909473	1	0.095	0.079
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.65145927	1	-0.225066	0.96940754	1	0.276	0.236
0.47413309	1	-8.1477189	0.31142884	1	0	0
0.0822041	1	0.26324807	0.64758901	1	0.238	0.197
0.0685302	1	-0.2177813	0.79621291	1	0.305	0.299
0.02106501	1	-0.016968	0.88129565	1	0.048	0.031
0.00032735	1	0.16547741	0.36654866	1	0.143	0.118
0.00327897	1	0.04500245	0.82989465	1	0.124	0.142
0.11291309	1	0.285669	0.23214655	1	0.057	0.087
0.00629449	1	-0.4676923	0.48380637	1	0.086	0.055
0.00801289	1	-0.6838385	0.12571681	1	0.086	0.11
6.80E-16	1.88E-11	0.06769577	0.80270988	1	0.267	0.22
1	1	-0.0465426	1	1	0	0
4.14E-06	0.11434259	-0.345103	0.234306	1	0.076	0.142

0.21141637	1	0.97864608	0.63648202	1	0	0
0.00257316	1	0.1430295	0.56729421	1	0.048	0.134
1	1	6.99365153	0.16448785	1	0	0
1.53E-10	4.21E-06	-0.1927989	0.50713621	1	0.143	0.118
0.18821398	1	0.53772276	0.14545058	1	0	0.008
0.01334441	1	0.15899895	0.314675	1	0.038	0.047
1.91E-06	0.05258478	0.34869884	0.55172441	1	0.067	0.11
1	1	7.90138768	0.16448785	1	0	0
9.68E-07	0.02670851	-0.0221845	0.74013426	1	0.086	0.087
0.78051858	1	0.48103073	0.09189639	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
1	1	9.6364837	0.32710281	1	0	0
0.63304464	1	-1.5864423	0.35851972	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.69601219	1	-2.4661009	0.30042403	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.82036252	0.16448785	1	0	0
0.0071692	1	0.5347244	0.10328949	1	0.362	0.402
0.97206132	1	1.14502116	0.26291874	1	0.01	0.016
0.47413309	1	-1.1679815	0.98178118	1	0	0
0.54467749	1	0.16885631	0.28360151	1	0.257	0.181
5.24E-06	0.1445177	0.55570875	0.0544235	1	0.333	0.409
0.13896338	1	0.22576205	0.17869273	1	0.133	0.22
0.21922148	1	2.34042918	0.16672562	1	0.019	0.024
0.16745907	1	7.85455698	0.32710281	1	0.01	0.008
0.53792354	1	-0.092458	0.51493886	1	0.514	0.425
0.21141637	1	1.29745828	0.0922979	1	0.038	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.03495886	1	0.09898962	0.93756115	1	0.019	0.134
0.47413309	1	-7.6838794	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.21698882	1	-0.0362894	0.86867368	1	0.219	0.22
0.08653109	1	0.66384005	0.1114215	1	0.019	0.024
0.45272015	1	0.26660625	0.36259801	1	0.143	0.134
0.00311589	1	-0.219174	0.27515573	1	0.038	0.079
0.10536053	1	-0.0154335	0.24320663	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0

0.78265522	1	0.32560871	0.63648202	1	0.01	0.016
0.09358449	1	-0.668541	0.75091068	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.5661051	1	-0.8685686	0.48145879	1	0.029	0.016
0.11103502	1	1.18193012	0.0965524	1	0.038	0.063
0.00704376	1	0.42590377	0.19586544	1	0.343	0.402
1	1	-0.0465426	1	1	0	0
0.67169398	1	-0.080805	0.26104683	1	0.086	0.039
0.82111208	1	0.36711959	0.33587587	1	0.105	0.079
0.95226583	1	0.246355	0.51157305	1	0.248	0.205
0.23114639	1	-0.4097219	0.74970796	1	0.048	0.024
0.47413309	1	1.80452299	0.19045963	1	0	0
0.86747614	1	0.14963368	0.29541406	1	0.324	0.197
0.3284545	1	0.17243948	0.81621907	1	0.095	0.126
0.10788377	1	0.6597315	0.00821269	1	0.352	0.252
0.70023339	1	0.10516665	0.97096043	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.14820265	1	-10.136608	0.04168349	1	0.01	0
0.62316808	1	1.27019919	0.05166089	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.86829236	1	-0.1882453	0.54708178	1	0.105	0.11
0.47413309	1	1.99758332	0.33164578	1	0.029	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.02595166	1	-0.0479321	0.81749803	1	0.352	0.331
0.35638517	1	-1.2509751	0.95074337	1	0	0.008
0.73342201	1	-0.1194087	0.82795041	1	0.295	0.299
0.35809926	1	-0.170763	0.77654665	1	0.143	0.134
0.10536053	1	-2.5342137	0.23223841	1	0.01	0
0.21141637	1	-1.0025534	0.30421593	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.97312906	0.98633536	1	0	0
0.23280734	1	-0.2611564	0.96284585	1	0.152	0.094
0.0494771	1	1.11969253	0.00513359	1	0.095	0.126
1	1	-0.0465426	1	1	0	0
0.50625517	1	-0.0117828	0.94860587	1	0.476	0.402
0.0335642	1	-1.5759554	0.11576598	1	0.029	0.016
0.47413309	1	1.47608728	0.98633536	1	0	0
0.46272607	1	0.16147343	0.98510134	1	0.076	0.15
1	1	-0.0465426	1	1	0	0

0.34901977	1	-1.1403595	0.11790575	1	0	0.016
0.41549472	1	0.52366845	0.62852883	1	0.019	0.039
0.00847373	1	0.23186226	0.24769118	1	0.79	0.646
0.93120712	1	-1.154255	0.30795344	1	0.01	0.047
0.67359361	1	-0.2407462	0.51227223	1	0.419	0.409
0.10176737	1	-0.8048715	0.47586477	1	0.095	0.031
0.84370675	1	0.12409587	0.34236328	1	0.029	0.079
0.47413309	1	-7.6818902	0.31142884	1	0	0
0.21527826	1	0.38672809	0.39884935	1	0.057	0.047
0.74869428	1	1.15189074	0.06614555	1	0.01	0.016
0.02896814	1	0.05220108	0.3053771	1	0.19	0.307
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.67480039	1	-0.2907343	0.43999708	1	0.21	0.205
1.01E-12	2.80E-08	-0.1744256	0.31452335	1	0.343	0.488
0.0990826	1	-0.9382519	0.39639339	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.44126003	1	-0.2697709	0.46259922	1	0.029	0.071
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.59443949	1	-0.1291972	0.53463034	1	0.248	0.244
0.04831804	1	-0.9393532	0.1698655	1	0.057	0.031
0.30884832	1	-2.0955866	0.54257632	1	0	0
0.19106963	1	0.91579513	0.63648202	1	0.01	0.031
0.01139426	1	-0.6596926	0.01374118	1	0.19	0.181
0.13004064	1	-0.2660237	0.47166505	1	0.124	0.055
1	1	-0.0465426	1	1	0	0
1	1	8.84646388	0.16448785	1	0	0
0.06548653	1	-0.1867298	0.36454058	1	0.057	0.126
0.64620824	1	-0.3928622	0.93079048	1	0.057	0.055
1	1	-0.0465426	1	1	0	0
0.9801471	1	0.55368125	0.9783994	1	0.048	0.024
0.12669169	1	0.88854554	0.03477377	1	0.276	0.173
1	1	-0.0465426	1	1	0	0
0.82284512	1	-0.0555848	0.78798202	1	0.067	0.071
0.54389907	1	-2.2347817	0.05471686	1	0.029	0.031
0.26498523	1	-0.2176695	0.8786202	1	0.2	0.22
0.0429564	1	-0.2999413	0.31588972	1	0.019	0.024

0.22170082	1	0.8941139	0.34821474	1	0.038	0.071
0.08622975	1	0.46855019	0.41637686	1	0.324	0.283
0.63895534	1	0.2341141	0.31945742	1	0.086	0.079
1	1	-0.0465426	1	1	0	0
1	1	9.28401414	0.16448785	1	0.01	0
0.50273372	1	1.50502295	0.43187343	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.61828677	1	-2.5948897	0.0485087	1	0.048	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.95717252	1	-1.1840865	0.66652704	1	0.038	0.016
0.04355604	1	0.36622343	0.01634588	1	0.381	0.394
0.86051134	1	-0.7998561	0.34657534	1	0.038	0.063
0.100174	1	-0.5768215	0.75499243	1	0.038	0.11
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	1.04689722	0.67837832	1	0.019	0
0.59896784	1	0.32048993	0.37610511	1	0.057	0.102
1	1	-0.0465426	1	1	0	0
0.75031386	1	-0.5853657	0.72645851	1	0.029	0.024
0.79699258	1	-0.5208633	0.30319569	1	0.2	0.15
0.97436383	1	0.17336675	0.67619575	1	0.19	0.189
0.90773661	1	-0.4806896	0.89281725	1	0.048	0.039
0.69180038	1	-9.3513576	0.07816392	1	0	0.008
0.5949237	1	0.07601784	0.42696393	1	0.438	0.409
0.02231733	1	0.5951753	0.04027981	1	0.21	0.213
0.75526616	1	1.86895786	0.09431543	1	0.01	0.016
0.27599766	1	-0.1845758	0.79477451	1	0.029	0.031
0.47413309	1	-0.6865857	0.58671897	1	0	0
0.92970225	1	-1.6213053	0.90791261	1	0.01	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
0.58268535	1	-0.6320847	0.71342404	1	0	0.016
0.0834342	1	2.20210344	0.58031208	1	0.038	0.024
0.45385523	1	0.17751188	0.3511787	1	0.267	0.394
0.00353214	1	-0.525172	0.12011191	1	0.124	0.118
0.00466666	1	-1.086495	0.06173287	1	0.01	0.016
0.97114286	1	-9.6362419	0.15105729	1	0.019	0.008
0.64367666	1	-8.5758163	0.31142884	1	0	0.008
0.5063762	1	0.56551316	0.97902395	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.37901117	1	0.0050706	0.98934636	1	0.533	0.543
1	1	-0.0465426	1	1	0	0

0.67633673	1	-0.0855416	0.84961994	1	0.219	0.189
0.65964965	1	0.16991906	0.87936377	1	0.067	0.031
0.65292702	1	0.1214169	0.60156991	1	0.543	0.504
0.95854809	1	-0.0443855	0.96708982	1	0.295	0.22
0.1678733	1	0.18717137	0.37899297	1	0.314	0.315
0.70303619	1	-0.0904122	0.59657943	1	0.324	0.323
0.02904882	1	-0.2261705	0.74314274	1	0.171	0.126
0.00756139	1	-0.2292069	0.6733885	1	0.105	0.079
1	1	-0.0465426	1	1	0	0
0.97206132	1	0.46365112	0.97365352	1	0	0.016
0.35022029	1	0.14231482	0.66550731	1	0.39	0.394
0.13709375	1	0.22536046	0.16528189	1	0.124	0.118
0.87467387	1	-0.1849862	0.7730081	1	0.048	0.055
0.47413309	1	-7.1248339	0.31142884	1	0	0
0.94963247	1	-0.6207262	0.71342404	1	0.038	0.024
0.14820265	1	0.80377658	0.56337368	1	0	0
0.47413309	1	-7.4148795	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.57713347	1	1.77248145	0.00157807	1	0.01	0.016
0.71136358	1	0.81517197	0.00799838	1	0.019	0.063
3.00E-05	0.82739111	-0.1479692	0.92625896	1	0.048	0.11
0.62623274	1	1.46001264	0.00830609	1	0.01	0.024
2.58E-07	0.00711393	0.47000776	0.02878759	1	0.095	0.15
0.67169398	1	-0.3684374	0.75623746	1	0.019	0.039
0.74869428	1	0.99940874	0.30154639	1	0.019	0.016
0.30884832	1	1.23468151	0.16938386	1	0.019	0
0.53496477	1	0.06705389	0.95391193	1	0.267	0.22
1	1	-0.0465426	1	1	0	0
0.54963373	1	0.34343548	0.54458141	1	0.248	0.181
0.886929	1	-0.0473121	1	1	0.114	0.126
0.21867353	1	-0.2492669	0.61513743	1	0.029	0.039
0.96907752	1	0.24988727	0.95756366	1	0.105	0.087
0.70044358	1	-0.0017417	0.85690323	1	0.381	0.402
1	1	-0.0465426	1	1	0	0
0.00472057	1	-0.1049074	0.76332319	1	0.076	0.071
0.60186179	1	0.21940066	0.49939487	1	0.257	0.15
0.10120963	1	-0.6721805	0.04232039	1	0.124	0.11
0.45568956	1	-0.5144989	0.17741073	1	0.067	0.079
0.50825689	1	0.19610164	0.96678408	1	0.01	0.008
0.41720766	1	0.20191382	0.211506	1	0.39	0.299
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.14820265	1	-1.5789292	0.39045234	1	0	0

0.63792001	1	-1.2751921	0.98178118	1	0	0.008
0.20151965	1	0.1877858	0.9509529	1	0.152	0.205
0.08548864	1	0.55851908	0.98633536	1	0	0.024
0.611416	1	-0.1962223	0.79849557	1	0.171	0.126
0.95717252	1	-0.5866767	0.95534075	1	0.019	0.016
0.30295124	1	0.22497683	0.40626148	1	0.629	0.535
0.13268263	1	-0.8398373	0.16556534	1	0.076	0.071
1.59E-06	0.04381534	0.8970643	0.00147738	1	0.276	0.425
0.0436223	1	-0.6962176	0.50398649	1	0.038	0.094
0.47413309	1	-9.0080283	0.31142884	1	0	0
0.97273734	1	-0.1801442	0.69370098	1	0.029	0.063
0.39760525	1	0.47874532	0.79164187	1	0.238	0.15
0.63451853	1	0.63433037	0.2462516	1	0.029	0.047
0.87310251	1	-0.453236	0.62976447	1	0.162	0.157
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.3967149	0.54877979	1	0.01	0
0.21141637	1	-1.3262292	0.30231602	1	0.01	0
0.26814511	1	0.16976041	0.21329344	1	0.057	0.15
0.94605113	1	0.58139088	0.00033438	1	0.143	0.307
0.00417626	1	-0.0721287	0.19300113	1	0.219	0.197
0.28251214	1	1.39777466	0.09628855	1	0.01	0.039
0.47413309	1	-0.6690031	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.44045808	1	-0.3923473	0.67620516	1	0.029	0.016
0.30884832	1	2.78157258	0.03623773	1	0	0
0.93589957	1	0.7039696	0.02832605	1	0.038	0.071
0.56217177	1	0.17621643	0.20294103	1	0.076	0.039
0.20452601	1	0.30069063	0.46383711	1	0.01	0.031
0.22652066	1	-0.5426653	0.45765514	1	0.029	0.024
0.69448024	1	0.76797954	0.00203605	1	0.238	0.236
1	1	-0.0465426	1	1	0.01	0
0.0001436	1	-1.2597153	0.04448446	1	0.029	0.039
0.04869095	1	0.14060978	0.39452917	1	0.076	0.126
1	1	9.5470445	0.32710281	1	0.038	0
0.30884832	1	-10.109794	0.15105729	1	0.01	0
0.35638517	1	-1.0678372	0.69331672	1	0	0.008
0.14504119	1	-0.0679938	0.75648538	1	0.01	0.016
0.03448909	1	-1.5317459	0.16709978	1	0.038	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	-9.2773016	0.15105729	1	0	0.008
0.73544228	1	-0.3873336	0.74096805	1	0.057	0.039

0.34577732	1	-1.8500856	0.95534075	1	0.038	0.031
0.10536053	1	-1.1836349	0.44491762	1	0.01	0
0.10536053	1	0.33217243	0.96715064	1	0.019	0
0.33932846	1	-0.1027733	0.70363182	1	0.39	0.378
0.14267617	1	0.68294376	0.06850764	1	0.324	0.244
0.41186167	1	0.31640298	0.01808266	1	0.59	0.52
0.08358886	1	0.00316749	0.88748898	1	0.429	0.362
0.73670879	1	0.22057389	0.18179014	1	0.095	0.071
0.99303267	1	-0.033513	0.38199653	1	0.352	0.37
0.24253062	1	0.6985748	0.1276201	1	0.057	0.063
0.07985438	1	0.53101476	0.20369966	1	0.124	0.087
0.00031857	1	0.08976888	0.3399765	1	0.067	0.087
0.57514517	1	0.10668225	0.70983435	1	0.067	0.047
0.04820144	1	0.03944315	0.49158024	1	0.638	0.606
1	1	-0.0465426	1	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.00028878	1	-0.3112857	0.18604206	1	0.105	0.142
0.06964033	1	0.48959432	0.09220171	1	0.181	0.197
0.22937775	1	-0.0790088	0.72502595	1	0.219	0.134
0.24808248	1	0.37387178	0.29334438	1	0.438	0.362
0.17536853	1	-0.1152621	0.94780134	1	0.21	0.26
0.42921879	1	0.22481743	0.37114591	1	0.448	0.283
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	-9.1201794	0.15105729	1	0	0.008
0.09228924	1	0.83696449	0.98225045	1	0.029	0.031
1	1	6.19453225	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	0.0778146	0.98633536	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.40655439	1	0.62172545	0.13312787	1	0.019	0.047
0.63792001	1	3.58191252	0.02130955	1	0.019	0.008
1	1	8.71953564	0.08811101	1	0	0
0.47413309	1	-8.6381149	0.31142884	1	0	0
0.5063762	1	3.21414569	1.55E-05	0.42747367	0	0.016
1	1	10.1219817	0.04861576	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.36218352	0.08811101	1	0	0
0.79556231	1	-0.2932577	0.63941297	1	0.095	0.047
0.22525631	1	-1.5927882	0.01963588	1	0.019	0.031

0.7983938	1	1.26993496	0.09139056	1	0	0.016
0.08548864	1	2.92653227	0.06286281	1	0.01	0.024
0.02895465	1	-0.0649771	0.78185068	1	0.114	0.228
0.14820265	1	-2.7899721	0.16486421	1	0.019	0
0.71202216	1	-0.636169	0.71525712	1	0.038	0.031
0.03507944	1	0.58624221	0.79929633	1	0.038	0.063
1	1	6.63383926	0.32710281	1	0.01	0
0.78658181	1	-0.5494407	0.6287492	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.09764417	1	-0.8245822	0.10684873	1	0.038	0.047
1	1	-0.0465426	1	1	0	0
0.0060202	1	-0.2775682	0.79876453	1	0.124	0.055
0.10536053	1	-4.0714752	0.23104175	1	0	0
0.00109574	1	-0.4384087	0.21911687	1	0.029	0.008
0.00048397	1	0.22570919	0.97084722	1	0.067	0.071
0.38025661	1	-0.2488922	0.95159219	1	0.133	0.11
0.02102196	1	-0.365677	0.59145777	1	0.029	0
0.96461538	1	-0.6729244	0.66875868	1	0	0.016
0.82975036	1	0.54036901	0.23126531	1	0.029	0.055
0.01122346	1	0.56086431	0.00888984	1	0.21	0.307
0.69180038	1	-0.9064609	0.62618056	1	0.01	0.008
0.01945849	1	0.64476034	0.07877951	1	0.124	0.236
0.84725861	1	-0.7742757	0.44663102	1	0.019	0.024
3.26E-05	0.89908875	-0.3641301	0.54670572	1	0.076	0.063
0.16537588	1	-0.1520234	0.83101827	1	0.057	0.055
0.68729121	1	-0.7589144	0.74282578	1	0.067	0.063
0.55936343	1	0.05360118	0.82705048	1	0.524	0.567
1	1	-0.0465426	1	1	0	0
0.3440403	1	-0.2981034	0.91343297	1	0.038	0.031
0.20309338	1	1.89430701	0.14082372	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.08378175	1	-0.2858089	0.52195988	1	0.457	0.441
0.64366003	1	-0.2196372	0.9647105	1	0.095	0.055
0.16745907	1	6.72849109	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.6700255	0.31142884	1	0	0
0.99558566	1	0.28437815	0.1426568	1	0.067	0.165
0.30884832	1	-8.7411308	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0

0.47413309	1	-7.7466607	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.96227486	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0.01	0.016
0.10536053	1	-1.3279451	0.44491762	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.9133991	0.15105729	1	0	0
0.98163398	1	1.98899391	0.67837832	1	0.01	0.008
0.05012925	1	8.12569085	0.16448785	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.14820265	1	0.71427685	0.55127213	1	0	0
0.43932506	1	-0.7809531	0.72136629	1	0.029	0.016
0.49910514	1	1.65777718	0.67837832	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.63799696	1	-0.3114285	0.74576025	1	0.01	0.024
0.25759727	1	-2.0175364	0.28374286	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.97404041	1	0.36136412	0.18107253	1	0.029	0.024
1	1	4.62806907	0.32710281	1	0	0
0.78658181	1	-1.6268632	0.95777103	1	0	0.016
0.42194798	1	-0.2151397	0.26472161	1	0.41	0.362
0.7460014	1	0.20403155	0.68216712	1	0.067	0.063
1	1	-0.0465426	1	1	0	0
0.62577569	1	0.04510757	0.26801337	1	0.067	0.126
0.00496404	1	0.00779794	0.96823201	1	0.724	0.646
0.27479141	1	0.11814626	0.55660373	1	0.029	0.031
0.76692129	1	0.75958946	0.09725913	1	0.01	0.024
0.07967942	1	-0.3158704	0.99607544	1	0.143	0.094
0.04564686	1	0.00161234	0.31056704	1	0.695	0.598
0.47413309	1	-1.9878745	0.98178118	1	0	0
0.0016342	1	-0.1171391	0.66480925	1	0.076	0.031
0.45481064	1	0.14370091	0.33199632	1	0.181	0.118
0.12727613	1	-0.040579	0.67077669	1	0.276	0.244
1	1	-0.0465426	1	1	0	0
0.08375031	1	-3.1177013	0.9461926	1	0.057	0.047
0.92467407	1	1.25786432	0.04612045	1	0.029	0.047
0.08653109	1	1.65257173	0.19168897	1	0	0.024
0.70805348	1	-1.1789604	0.04910825	1	0.171	0.087
1	1	-0.0465426	1	1	0	0
0.63792001	1	-0.372594	0.98178118	1	0.01	0.008

1	1	-0.0465426	1	1	0	0
0.16745907	1	9.17095717	0.16448785	1	0	0.008
0.00258759	1	-0.2576193	0.96415797	1	0.114	0.126
0.66739808	1	-0.4465069	0.19993678	1	0.133	0.197
0.51370259	1	-0.6239203	0.44359701	1	0	0.016
0.41772921	1	-0.2506817	0.7407695	1	0.095	0.055
0.37755785	1	-0.6301254	0.78914815	1	0.029	0.055
1	1	-0.0465426	1	1	0	0
1	1	8.53564832	0.32710281	1	0.01	0
0.27632424	1	-0.4887658	0.14106432	1	0.171	0.236
0.24900827	1	0.13042684	0.32114561	1	0.21	0.268
0.61182661	1	-0.3122647	0.76794147	1	0.048	0.063
0.08219055	1	1.17854727	0.00011473	1	0.152	0.189
0.60760693	1	0.21967071	0.58397076	1	0.038	0.087
1	1	-0.0465426	1	1	0	0
0.51528651	1	-0.8120964	0.18711841	1	0.076	0.071
0.11220024	1	0.26250891	0.14519281	1	0.324	0.354
0.87110781	1	-0.2053636	0.90176393	1	0.048	0.039
0.05012925	1	-0.0465426	1	1	0	0.016
0.17900565	1	-0.4792221	0.96872701	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
0.37856275	1	-0.1569724	0.46463318	1	0.257	0.213
0.00561782	1	-0.3468014	0.23903228	1	0.295	0.252
1	1	-0.0465426	1	1	0	0
0.02686316	1	0.45399044	0.16413128	1	0.181	0.181
0.49390131	1	-0.4838078	0.74212158	1	0.048	0.024
0.00036934	1	0.3643717	0.16466552	1	0.124	0.157
0.31429446	1	-0.1073752	0.6745764	1	0.048	0.047
0.50172925	1	-2.3317489	0.3868104	1	0	0.008
0.7682557	1	0.14241066	0.07258022	1	0	0.031
0.18729111	1	0.1934365	0.67838864	1	0.105	0.126
0.00036525	1	-0.6705489	0.50475321	1	0.029	0
0.37819043	1	-0.1130662	0.79345014	1	0.076	0.047
0.77707394	1	0.06088709	0.79205121	1	0.095	0.047
1	1	-0.0465426	1	1	0	0
0.74044203	1	0.11135689	0.39103338	1	0.257	0.268
0.95178567	1	0.30907202	0.22116123	1	0.305	0.323
0.66889741	1	-0.2334527	0.82284607	1	0.067	0.079
0.75023631	1	-0.9441782	0.37896371	1	0.086	0.087
1	1	-0.0465426	1	1	0	0
0.07635553	1	-0.5649465	0.38951648	1	0.038	0.031
0.71498301	1	-0.2918817	0.86330393	1	0.029	0.102
0.79753025	1	0.15815755	0.04844014	1	0.048	0.039

0.75973827	1	1.36890797	0.03684957	1	0.057	0.047
0.50415297	1	-0.8522253	0.28996303	1	0.067	0.055
0.96461538	1	0.16759836	0.9644948	1	0.01	0.016
0.03391096	1	0.210775	0.02316978	1	0.505	0.504
0.00230349	1	0.1968685	0.355381	1	0.505	0.504
0.37416677	1	-0.4700626	0.18717844	1	0.238	0.268
0.25783703	1	-0.086613	0.47615466	1	0.181	0.173
1	1	-0.0465426	1	1	0	0
0.38746368	1	-1.1866795	0.11145601	1	0.124	0.039
1	1	-0.0465426	1	1	0	0
0.43706329	1	-1.451304	0.32760256	1	0.057	0.016
0.69180038	1	-0.7151129	0.96568352	1	0.01	0.008
0.30884832	1	0.10908495	0.54877979	1	0	0
0.79445119	1	-9.961445	0.07816392	1	0	0.016
1	1	7.05498828	0.32710281	1	0	0
0.52260175	1	-2.6372615	0.09272584	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.3718559	0.15105729	1	0.01	0
0.49910514	1	0.04280781	0.68635085	1	0.029	0.016
0.19233053	1	-0.4382992	0.33740687	1	0.019	0.008
0.30884832	1	-9.3829439	0.15105729	1	0	0
0.62602037	1	-1.3068458	0.54180066	1	0.105	0.047
1	1	-0.0465426	1	1	0	0
0.2173112	1	2.85996588	0.10021006	1	0	0.024
0.70446388	1	-8.9846423	0.07816392	1	0	0.008
0.49590697	1	-0.3129268	0.2503584	1	0.114	0.118
1	1	-0.0465426	1	1	0	0
0.006003	1	0.13670473	0.83253086	1	0.286	0.402
0.85075817	1	0.07908133	0.83904835	1	0.105	0.087
0.04272458	1	-0.4441042	0.09708916	1	0.371	0.205
0.12261365	1	0.35869232	0.80738522	1	0.057	0.031
1	1	-0.0465426	1	1	0	0
0.10536053	1	1.40647437	0.78982268	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05192064	1	-1.0454827	0.02017654	1	0.105	0.094
0.68743296	1	-0.2297399	0.55569453	1	0.105	0.11
0.22250421	1	0.0192418	0.97136776	1	0.095	0.102
2.42E-05	0.6682963	0.0443086	0.70325659	1	0.038	0.047
0.07014204	1	-0.8302716	0.22871482	1	0.171	0.244
0.93715112	1	0.36278194	0.6054692	1	0.067	0.047
0.07031653	1	-0.3057563	0.66185067	1	0.143	0.071
0.00136429	1	-0.9451111	0.07312058	1	0.038	0.039

0.53173347	1	-0.479621	0.23499791	1	0.276	0.15
0.31440045	1	-0.3820244	0.53162908	1	0.124	0.102
0.35203661	1	0.76745429	0.26898947	1	0.01	0.031
0.92256903	1	0.10820391	0.80301375	1	0.229	0.142
0.09928693	1	0.46248615	0.70104435	1	0.076	0.063
1	1	-0.0465426	1	1	0	0
0.03633545	1	0.3983596	0.33222645	1	0.057	0.047
0.5222928	1	-0.3968635	0.32903141	1	0.067	0.031
0.69180038	1	-0.3911959	0.9683218	1	0	0.008
0.24300321	1	-0.0069993	0.91378214	1	0	0.024
0.08076259	1	-0.2514198	0.77940143	1	0.124	0.118
0.1073865	1	-0.4081172	0.38714436	1	0.076	0.024
1	1	-0.0465426	1	1	0	0
0.22905618	1	0.17515233	0.25720576	1	0.21	0.205
0.56718142	1	0.05299958	0.53401274	1	0.143	0.197
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.3297794	1	0.08164863	0.87058765	1	0.19	0.189
0.20549009	1	0.6528795	0.11048307	1	0.143	0.102
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.6311219	0.31142884	1	0	0
0.00878195	1	0.37680548	0.22705619	1	0.086	0.134
0.47413309	1	-7.9276063	0.31142884	1	0	0
0.63792001	1	-0.9834074	0.98178118	1	0.019	0.008
0.06843177	1	0.24346509	0.25020174	1	0.057	0.087
2.56E-06	0.07053568	-0.6207188	0.02723624	1	0.019	0.055
0.27313769	1	0.37343975	0.39965232	1	0.152	0.205
0.01114996	1	0.29212057	0.09776917	1	0.381	0.37
0.3951347	1	-1.2699283	0.16552984	1	0.029	0.024
0.80455733	1	-0.13418	0.24133611	1	0.781	0.709
0.0041055	1	0.0300219	0.87186765	1	0.171	0.197
1	1	0.52626896	0.55745854	1	0.105	0.079
0.0086893	1	-1.334086	0.03059744	1	0.048	0.008
0.44320511	1	-0.0824703	0.88325137	1	0.267	0.315
0.31652631	1	0.16138579	0.7204572	1	0.095	0.126
0.01311995	1	-0.1291081	0.2233977	1	0.219	0.252
0.16745907	1	-0.0465426	1	1	0	0.008
0.22412349	1	-0.0076767	0.36703132	1	0.086	0.071
0.78658181	1	-0.913047	0.9604081	1	0	0.016
0.47631152	1	0.04889929	0.66762156	1	0.152	0.165
0.24208249	1	0.37882475	0.03640006	1	0.314	0.26
0.10783512	1	-0.1460522	0.88211372	1	0.352	0.323

0.02406975	1	0.49971454	0.00266062	1	0.562	0.575
0.12472426	1	0.06903167	0.30699555	1	0.267	0.252
1	1	-0.0465426	1	1	0	0
0.10133683	1	-0.216762	0.87942311	1	0.019	0.008
0.94949212	1	-0.6839401	0.0348765	1	0.181	0.26
0.47413309	1	-9.2688616	0.31142884	1	0	0
0.06086857	1	0.1142695	0.51477546	1	0.324	0.331
0.07788434	1	-0.6769637	0.96091399	1	0.038	0.134
0.92595793	1	0.45862176	0.37082077	1	0.038	0.047
0.17941383	1	0.20546666	0.09298374	1	0.79	0.701
0.50676329	1	-0.0090456	0.61906473	1	0.343	0.244
0.61705836	1	1.35394223	0.07653643	1	0.076	0.024
0.53396561	1	-0.157798	0.79252736	1	0.181	0.142
0.76117545	1	-0.1891444	0.3958447	1	0.229	0.181
0.14135606	1	0.60937012	0.38518443	1	0.105	0.087
9.56E-07	0.02639492	0.01723555	0.95480537	1	0.219	0.386
0.29252265	1	-0.2464941	0.97592859	1	0.095	0.055
0.45847691	1	-0.3024712	0.07627931	1	0.476	0.457
3.63E-10	1.00E-05	0.31335798	0.95526698	1	0.086	0.362
1.14E-07	0.00314352	0.19465735	0.44358218	1	0.162	0.417
0.59442128	1	-0.7614904	0.46653944	1	0.057	0.055
0.70755006	1	-0.0509384	0.71905156	1	0.171	0.228
0.62930386	1	0.97546661	0.11758908	1	0.019	0.024
0.37413608	1	-1.0170816	0.56636062	1	0.038	0.087
0.0086748	1	0.11236065	0.63975001	1	0.086	0.039
0.02816929	1	-0.5380041	0.33529497	1	0.171	0.118
0.01631018	1	1.0977573	0.11913346	1	0.048	0.063
0.47413309	1	1.10406087	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.00071308	1	-0.6594065	0.03729043	1	0.057	0.047
0.97114286	1	-0.3128449	0.68635085	1	0	0.008
0.00124838	1	-0.432951	0.05522072	1	0.324	0.276
0.61660242	1	-0.5014648	0.4131903	1	0.086	0.063
0.004075	1	0.26090861	0.16766385	1	0.562	0.512
5.17E-06	0.1426596	0.2425762	0.29897577	1	0.638	0.701

0.34903578	1	-1.081009	0.02145531	1	0.143	0.165
0.47413309	1	-8.4854208	0.31142884	1	0	0
0.63792001	1	-6.7066122	0.31142884	1	0.01	0.008
0.3942045	1	-0.5338026	0.16420527	1	0.105	0.142
0.5886442	1	-0.0861206	0.86364025	1	0.238	0.197
1.39E-07	0.00383269	0.62687459	0.0007439	1	0.724	0.787
0.72922216	1	-0.9806163	0.04341853	1	0.133	0.126
0.63355281	1	0.26199369	0.35635389	1	0.619	0.449
0.42968206	1	-0.5251475	0.35837413	1	0.162	0.22
1	1	7.15927574	0.32710281	1	0	0
0.57952286	1	-0.410514	0.20030094	1	0.267	0.315
0.76969987	1	0.62153508	0.14545058	1	0.038	0.024
0.01661864	1	-0.7405436	0.04082095	1	0.076	0.157
1	1	7.08977508	0.32710281	1	0	0
0.16745907	1	8.43169627	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0.01	0
0.48570262	1	0.0970371	0.83927382	1	0.257	0.197
0.30884832	1	-1.0952951	0.54567368	1	0	0
0.47413309	1	-7.6833108	0.31142884	1	0	0
0.76214572	1	-0.3882914	0.55719348	1	0.029	0.039
0.44188284	1	0.52226705	0.05703173	1	0.286	0.189
0.08244008	1	0.44428358	0.0671495	1	0.229	0.26
0.0168664	1	-0.4133403	0.4919473	1	0.124	0.087
0.69180038	1	0.98692442	0.33937369	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.47624104	1	0.22509124	0.67823435	1	0.057	0.047
0.00446646	1	-0.1341993	0.85416474	1	0.114	0.094
0.66413165	1	-0.6508659	0.41669132	1	0.029	0.031
0.19852148	1	0.00327694	0.14894968	1	0.01	0.031
0.09467417	1	0.34679301	0.27089746	1	0.01	0.031
0.0466733	1	-0.8593918	0.29802923	1	0.057	0.039
0.10631706	1	-0.0135475	0.66527285	1	0.076	0.039
0.32522786	1	0.06869967	0.69102354	1	0.019	0.016
0.79445119	1	-0.9092176	0.96304561	1	0.01	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
0.12843284	1	0.34108751	0.26419612	1	0.343	0.26
0.98163398	1	-0.1177214	0.44359701	1	0.01	0.008
0.47413309	1	-8.8165129	0.31142884	1	0	0
0.81959463	1	1.03536649	0.04323305	1	0.057	0.063
0.24723952	1	-0.1764155	0.9966723	1	0.343	0.283
1	1	-0.0465426	1	1	0.01	0
0.00071021	1	0.32936327	0.10080143	1	0.39	0.441
0.092722	1	0.82377553	0.3507224	1	0.133	0.087

0.30884832	1	-1.1440593	0.97257202	1	0.01	0
0.89018685	1	0.69342145	0.01577571	1	0.143	0.102
0.47413309	1	-7.1918929	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-0.3543065	0.68635085	1	0.01	0.008
0.10283958	1	-0.0084818	0.84140588	1	0.333	0.213
0.14673819	1	-0.0150401	0.59402613	1	0.257	0.291
0.02332448	1	-0.4678841	0.06062276	1	0.181	0.142
0.68746197	1	0.16603431	0.94834812	1	0.029	0.063
0.49524626	1	0.64974901	0.27515573	1	0.019	0.008
0.22323954	1	-0.1214601	0.55889161	1	0.114	0.118
0.26125492	1	-2.2626312	0.0523914	1	0.019	0.008
0.30884832	1	0.61818806	0.43966909	1	0.01	0
0.50498751	1	0.12806976	0.56685464	1	0.01	0.008
1	1	8.86663492	0.16448785	1	0	0
0.26800242	1	-0.3286589	0.57064677	1	0.038	0.016
0.15650815	1	0.68003221	0.2747258	1	0.01	0.031
0.03359656	1	-0.069846	0.91451551	1	0.086	0.024
0.0755948	1	0.13475861	0.35850925	1	0.057	0
0.98163398	1	1.37972422	0.43187343	1	0	0.008
0.50498751	1	0.50404999	0.96907365	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.79544939	1	0.28670058	0.26193477	1	0.229	0.173
0.21141637	1	-1.3720828	0.30421593	1	0	0
0.11322019	1	-0.1221794	0.46585337	1	0.038	0.016
0.69180038	1	0.32568139	0.97623862	1	0.029	0.008
1.45E-07	0.00399299	-0.2860663	0.07414424	1	0.19	0.142
0.02067807	1	-0.360185	0.15419607	1	0.152	0.094
1	1	-0.0465426	1	1	0	0
0.7865815	1	-2.4225271	0.29853945	1	0	0.016
0.38441942	1	0.00089993	0.66366347	1	0.381	0.323
0.78658181	1	1.02684193	0.05881271	1	0.019	0.016
0.11753013	1	-0.1294424	0.70042506	1	0.305	0.307
0.96393316	1	-0.736716	0.73800022	1	0.048	0.047
0.00741941	1	-0.5542719	0.15445885	1	0.105	0.118
0.65633112	1	-0.288632	0.3335879	1	0.181	0.157
0.78711207	1	-0.9885128	0.11288133	1	0.076	0.102
0.73302993	1	-0.5813584	0.55088292	1	0.038	0.039
0.18685635	1	-0.0383082	0.95297346	1	0	0.008
0.99582026	1	-0.1668733	0.59377205	1	0.152	0.087
0.00394671	1	-0.4067383	0.0031496	1	0.4	0.354
0.12036616	1	-0.4806177	0.87047492	1	0.152	0.126
0.2975626	1	-0.6844336	0.52246136	1	0.095	0.102

0.61484523	1	-0.1175625	0.66808226	1	0.086	0.118
0.95945554	1	0.20767833	0.09978048	1	0.076	0.055
0.00014971	1	0.29790721	0.61648206	1	0	0.173
0.49881208	1	0.38934265	0.31569811	1	0.19	0.142
0.85350812	1	-0.16598	0.38630462	1	0.476	0.417
0.07228034	1	0.60587348	0.06147405	1	0.124	0.228
0.02441824	1	-0.0328503	0.97689862	1	0.686	0.724
0.04855088	1	0.14780531	0.42532769	1	0.733	0.614
0.97114286	1	-1.5960079	0.54257632	1	0.019	0.008
0.30325197	1	0.20980048	0.51837713	1	0.238	0.299
0.13572436	1	-0.0716525	0.62932569	1	0.362	0.339
0.58042746	1	-0.1499842	0.45345358	1	0.01	0.094
0.47413309	1	1.86792522	0.58031208	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.72791207	1	-0.5078711	0.34825364	1	0.267	0.236
1.51E-05	0.4165501	-0.16491	0.45410106	1	0.638	0.724
0.49524626	1	-1.5953702	0.3868104	1	0.019	0.008
0.00055546	1	0.37501561	0.14765603	1	0.505	0.512
0.30884832	1	-8.9344672	0.15105729	1	0	0
1	1	7.49007148	0.32710281	1	0	0
0.95515441	1	0.15510351	0.91854458	1	0.095	0.063
0.47413309	1	-6.6300567	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	9.53225269	0.04861576	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.95706085	1	0.35458895	0.4546745	1	0.076	0.063
0.94878918	1	-0.8814769	0.03481365	1	0.143	0.15
0.00487237	1	-0.267484	0.45360716	1	0.533	0.551
0.1400065	1	-0.2982252	0.74964751	1	0.048	0.071
0.55267541	1	0.36593628	0.54927015	1	0.181	0.205
1	1	-0.0465426	1	1	0	0
1	1	7.60537068	0.32710281	1	0	0
0.54191664	1	-0.3209502	0.90630825	1	0.029	0.031
0.68310318	1	-0.3749011	0.87666453	1	0.057	0.126
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.1019982	1	-0.3264349	0.90823116	1	0.076	0.11
0.10536053	1	-1.2457721	0.09466982	1	0	0
0.64302275	1	-0.3375858	0.52443643	1	0.086	0.102
0.50273372	1	-9.2325652	0.15105729	1	0	0.016

1	1	-0.0465426	1	1	0	0
0.02400689	1	-0.0070323	0.5297472	1	0.638	0.583
0.00718867	1	0.03122049	0.95212592	1	0.038	0.087
0.67677765	1	-0.2261834	0.36646968	1	0.124	0.126
0.47413309	1	1.09890976	0.19292413	1	0.01	0
0.98163398	1	-8.2451518	0.15105729	1	0.01	0.008
0.1961633	1	-1.077554	0.09883259	1	0.029	0.039
0.16745907	1	8.50074302	0.16448785	1	0.048	0.008
1	1	6.72849109	0.32710281	1	0	0
0.37555076	1	-0.0088347	0.86067998	1	0.19	0.15
0.30884832	1	-7.8577977	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.87583201	1	-0.764905	0.72986007	1	0.057	0.031
0.50273372	1	-0.8481954	0.97579778	1	0.01	0.016
0.47413309	1	-7.8919709	0.31142884	1	0	0
0.41587859	1	-0.1150112	0.92964152	1	0.257	0.205
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.00103277	1	-0.2543986	0.64915931	1	0.019	0.016
0.08445636	1	1.51574205	0.19045963	1	0.019	0.024
0.16403829	1	0.06865922	0.56511287	1	0.019	0.039
0.48345146	1	0.18042822	0.44897714	1	0.01	0.024
0.82675888	1	-0.032978	0.9212264	1	0.01	0.039
1	1	-0.0465426	1	1	0	0
1	1	4.64722057	0.32710281	1	0	0
0.59386325	1	1.19963798	0.46036769	1	0.029	0.016
0.47413309	1	-8.700347	0.31142884	1	0	0
0.63792001	1	-6.4878812	0.31142884	1	0	0.008
0.58736644	1	-0.2814859	0.19613471	1	0.048	0.047
0.75526616	1	-10.147306	0.02261846	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.9711861	0.32710281	1	0	0
0.16745907	1	9.12183504	0.32710281	1	0	0.008
0.0500261	1	0.0248183	0.31790496	1	0.457	0.449
0.50498751	1	1.02517937	0.55990306	1	0.057	0.008
0.24462743	1	0.71259523	0.34058332	1	0.019	0.047
0.21700023	1	-0.2396624	0.73794717	1	0.324	0.339
0.27201246	1	0.44348	0.5021393	1	0.048	0.126

0.02918823	1	-1.2037596	0.71558312	1	0.086	0.087
0.79051383	1	-1.0537877	0.30231602	1	0	0.016
0.70277096	1	0.32977721	0.59063332	1	0.057	0.039
1	1	9.18238257	0.16448785	1	0	0
0.97404041	1	-1.7227451	0.14106689	1	0	0.024
0.20788116	1	0.46505762	0.35936844	1	0.048	0.071
1	1	9.41316569	0.08811101	1	0	0
0.69601219	1	-0.0765622	0.51075885	1	0.01	0.008
0.06685694	1	0.58219084	0.97330734	1	0.019	0.055
0.08112184	1	0.54987975	0.85865758	1	0.01	0.079
0.30884832	1	-9.2296989	0.15105729	1	0	0
0.61097502	1	1.74277187	0.03153739	1	0.029	0.024
0.79051383	1	-9.8864875	0.07816392	1	0	0.016
0.15254445	1	-1.2010709	0.44663102	1	0	0.047
0.17774718	1	-2.1258401	0.05418654	1	0.038	0.079
0.17351675	1	-1.4361968	0.66875868	1	0.019	0.039
0.14188781	1	1.83420972	0.20691758	1	0	0.047
1	1	9.13623121	0.16448785	1	0	0
0.03945611	1	-2.3067371	0.23343947	1	0.029	0.063
0.30884832	1	-1.7205083	0.54257632	1	0	0
0.16745907	1	8.84375973	0.16448785	1	0	0.008
0.03743358	1	0.53908425	0.04633312	1	0.257	0.22
0.02313634	1	-0.2148267	0.76189893	1	0.124	0.11
0.06365515	1	0.22115224	0.63054158	1	0.057	0.039
0.58494905	1	1.01695077	0.08748264	1	0.057	0.063
0.89093033	1	0.34716778	0.06167308	1	0.067	0.087
0.0171636	1	0.24283078	0.61558118	1	0.114	0.055
0.34429941	1	0.00741777	0.58082877	1	0.133	0.134
0.78658181	1	0.80721357	0.50523717	1	0.01	0.016
0.41828046	1	-0.1584817	0.88693032	1	0.343	0.354
0.50749037	1	-0.0002792	0.84158512	1	0.038	0.063
0.55919877	1	0.68195765	0.42362519	1	0.086	0.102
1	1	-0.0465426	1	1	0	0
0.1208833	1	0.25604869	0.14029839	1	0.448	0.323
1	1	-0.0465426	1	1	0	0
0.99695087	1	0.39324694	0.91226242	1	0.067	0.055
0.70317889	1	-0.0869738	0.95607305	1	0.39	0.441
0.61251004	1	-0.6499238	0.17436564	1	0.095	0.142
0.20370304	1	-0.120635	0.50235741	1	0.143	0.087
1	1	-0.0465426	1	1	0	0
0.16669497	1	-0.1431361	0.62904693	1	0.21	0.268
0.18864083	1	0.61516464	0.30992203	1	0.029	0.024
0.00310579	1	-0.5340477	0.242882	1	0.2	0.11

0.94407868	1	0.31615225	0.84997797	1	0.029	0.079
0.38392467	1	-0.223371	0.42736994	1	0.152	0.11
0.29979908	1	-0.7568886	0.19453048	1	0.029	0.024
0.00057542	1	-0.1434173	0.59072834	1	0.057	0.079
0.41304183	1	0.29643417	0.68035576	1	0.305	0.276
0.30069414	1	-0.777204	0.07485463	1	0.067	0.126
1	1	7.58766965	0.32710281	1	0	0
0.92383713	1	0.11277985	0.22456912	1	0.095	0.11
0.42594442	1	-0.3934233	0.33394152	1	0.029	0.071
0.70208572	1	0.04113087	0.89914537	1	0.076	0.071
0.94973339	1	-0.0113175	0.7853209	1	0.01	0.016
0.29395858	1	-0.0549538	0.695707	1	0.333	0.331
0.85998207	1	-0.2618008	0.70535939	1	0	0.024
0.10133683	1	-0.6305762	0.55819487	1	0	0.008
0.00535888	1	0.90484924	0.03943797	1	0.171	0.189
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50447083	1	-2.396795	0.14015428	1	0.019	0.024
0.83760597	1	0.46007246	0.04910138	1	0.238	0.22
0.03876293	1	0.34717899	0.10321523	1	0.114	0.087
0.45885637	1	-0.2496694	0.81161687	1	0.057	0.071
0.3030181	1	-0.6021403	0.92740965	1	0.01	0.055
0.19246631	1	-0.5959598	0.7451261	1	0.029	0.016
0.63792001	1	1.42136985	0.58031208	1	0	0.008
0.66424879	1	-0.4595114	0.51760644	1	0.133	0.126
0.68406115	1	0.68992917	0.17933327	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.37931037	1	0.59601436	0.19808738	1	0.029	0.024
0.21922148	1	3.66751311	0.00164225	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.34994225	1	0.55788449	0.55817164	1	0.048	0.031
0.76830857	1	0.64203603	0.16336436	1	0.038	0.087
1	1	9.81223531	0.16448785	1	0	0
0.6256534	1	-0.1523908	0.90088471	1	0.181	0.276
0.05143116	1	-0.0006279	0.91251698	1	0.571	0.575
0.86763377	1	-0.7473226	0.19010568	1	0.295	0.283
0.14856517	1	-1.2537681	0.13148169	1	0.105	0.055
0.19975847	1	-0.235786	0.56701449	1	0.305	0.213
0.39590199	1	-0.8159014	0.03427794	1	0.381	0.26
0.42062933	1	-1.2414591	0.1581037	1	0.076	0.039
0.47413309	1	-7.3372009	0.31142884	1	0	0

0.9657365	1	0.65433612	0.17680812	1	0.019	0.087
1	1	8.06529187	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.73626348	1	0.1344513	0.83626582	1	0.076	0.094
0.28082951	1	0.38640936	0.22199403	1	0.105	0.094
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.63546533	1	-0.6473083	0.39779847	1	0	0.024
0.00016307	1	0.2138943	0.18449163	1	0.876	0.85
0.0675139	1	-0.0522308	0.8846075	1	0.733	0.654
1.87E-07	0.00515196	0.10687114	0.38342235	1	0.895	0.898
0.31637234	1	0.72304125	0.10296188	1	0.105	0.134
0.0130788	1	0.13471133	0.13964962	1	0.057	0.142
0.15952901	1	-0.0275428	0.63020377	1	0.352	0.362
0.36869196	1	-0.2079841	0.70334705	1	0.01	0.008
0.01890835	1	0.35514598	0.59404681	1	0.076	0.189
0.00475737	1	0.06676252	0.63027609	1	0.848	0.898
0.00325344	1	0.17241211	0.14107695	1	0.19	0.331
0.02463822	1	-1.7704658	0.0932828	1	0.038	0.024
0.29048458	1	-0.7798849	0.24078402	1	0.038	0.055
0.84946607	1	0.77894848	0.06969842	1	0.105	0.118
0.75197797	1	-0.4396816	0.95074337	1	0.01	0.016
1	1	8.47322028	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.25942163	1	-0.8810296	0.49275031	1	0.029	0.008
0.47413309	1	-7.5866057	0.31142884	1	0	0
0.64367666	1	-0.5085391	0.33569097	1	0	0.008
0.64367666	1	0.9337156	0.58351143	1	0.01	0.008
0.34654731	1	-0.4486018	0.44146988	1	0.057	0.055
0.91374944	1	-0.2068273	0.13982376	1	0.295	0.236
0.02691534	1	0.5545703	0.00886099	1	0.343	0.276
0.37123921	1	0.26621488	0.76378549	1	0.181	0.126
0.39691726	1	-0.3309767	0.7508379	1	0.048	0.024
0.80220137	1	-0.1168625	0.58473471	1	0.048	0.055
0.05012925	1	-0.0465426	1	1	0	0.016
0.06146705	1	-1.5714703	0.04265397	1	0.076	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.64367666	1	-0.4205814	0.33569097	1	0.01	0.008
0.07627194	1	-0.281189	0.74918665	1	0.086	0.039
0.96178068	1	-0.1736828	0.68174649	1	0.305	0.181
0.22114379	1	0.89060062	0.43576121	1	0.01	0.024
0.3471513	1	-1.1419602	0.36089515	1	0.01	0.016

0.62873204	1	0.24913863	0.16482307	1	0.048	0.079
0.16745907	1	-0.0465426	1	1	0	0.008
0.16820382	1	0.23886723	0.17966393	1	0.067	0.039
0.09810014	1	0.12402298	0.7542416	1	0.248	0.331
0.43158422	1	0.79660978	0.03761646	1	0.01	0.039
0.00258735	1	-0.5334685	0.14931502	1	0.133	0.079
0.45299859	1	-0.7752198	0.4629764	1	0.029	0.055
0.0026514	1	-0.4854276	0.45802608	1	0.067	0.047
0.63792001	1	0.67546308	0.58671897	1	0	0.008
0.63057462	1	1.39866212	0.00328596	1	0.01	0.024
0.57255669	1	-0.0605708	0.67232344	1	0.229	0.189
0.39158412	1	-1.4407853	0.27204257	1	0.01	0.024
0.315199	1	-0.0393779	0.89674453	1	0.305	0.205
0.14182428	1	-0.2654491	0.23701538	1	0.314	0.331
0.40676663	1	-0.1052978	0.9074722	1	0.152	0.142
1	1	-0.0465426	1	1	0	0
0.30884832	1	-2.4280563	0.54257632	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	8.9475445	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.82815202	1	-0.3055089	0.47378274	1	0.124	0.157
0.00194811	1	0.19699397	0.14668965	1	0.076	0.142
0.11332773	1	0.65977933	0.49943628	1	0.143	0.157
0.06000789	1	-0.303543	0.95400797	1	0.076	0.118
8.17E-06	0.22545424	-0.3210974	0.96487432	1	0.181	0.354
0.47413309	1	1.41566392	0.98633536	1	0	0
0.15096603	1	-0.6094877	0.27232879	1	0.019	0.063
0.16745907	1	5.45342005	0.32710281	1	0	0.008
0.30884832	1	0.6107613	0.68103189	1	0	0
0.63792001	1	-7.6641116	0.31142884	1	0	0.008
0.63792001	1	-0.5445663	0.98178118	1	0	0.008
0.00604986	1	-0.3770006	0.92026835	1	0.048	0.055
0.40789119	1	-0.4293318	0.58566028	1	0.01	0.055
0.04072628	1	-0.3801548	0.33598496	1	0.076	0.079
1.73E-05	0.47673174	0.01292319	0.69306557	1	0.067	0.071
1	1	-0.0465426	1	1	0	0
0.82824885	1	-0.0305463	0.96099591	1	0.019	0.024
0.19254329	1	1.06994588	0.33664056	1	0.019	0.031
0.64367666	1	-9.0883083	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.63792001	1	-6.5026591	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.4989588	0.15105729	1	0	0

1	1	-0.0465426	1	1	0	0
0.51445597	1	-0.1620988	0.85022235	1	0.143	0.102
0.99749215	1	0.1994859	0.82700231	1	0.038	0.087
1	1	-0.0465426	1	1	0	0
0.95172978	1	-0.4052645	0.16188752	1	0.162	0.189
0.47413309	1	-7.0014575	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.28002435	0.04861576	1	0.01	0
0.02347043	1	1.43110676	0.01010715	1	0.143	0.134
0.47413309	1	-5.9265049	0.31142884	1	0	0
0.70446388	1	0.78539856	0.73236962	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.10536053	1	-1.5284118	0.23464493	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.58334284	1	-0.3176036	0.69318144	1	0.086	0.094
0.47413309	1	-7.4708351	0.31142884	1	0	0
0.00839152	1	0.09063526	0.39643724	1	0.419	0.496
0.03852731	1	0.02428649	0.40158632	1	0.105	0.173
0.00971074	1	0.31473487	0.18525836	1	0.286	0.299
0.84442312	1	-0.4510194	0.26116917	1	0.19	0.197
0.48914035	1	-0.7637256	0.49043236	1	0.048	0.047
0.28578249	1	-0.023642	0.71140875	1	0.019	0.039
0.22307814	1	-8.8709422	0.15105729	1	0	0.024
0.47413309	1	-7.4465503	0.31142884	1	0	0
0.08068981	1	0.23767346	0.42810488	1	0.381	0.433
0.11848769	1	-0.203695	0.90723566	1	0.533	0.488
0.2324379	1	-0.2802351	0.46544778	1	0.019	0.071
0.65584366	1	-0.3107307	0.14530102	1	0.086	0.071
0.30884832	1	-9.331269	0.15105729	1	0.019	0
0.31256678	1	-0.5905193	0.42402068	1	0.076	0.063
0.5633639	1	-0.0061022	0.96150482	1	0.029	0.016
0.26390605	1	0.65033797	0.49946985	1	0.105	0.134
0.97114286	1	-9.2934861	0.15105729	1	0	0.008
0.62073596	1	0.62179379	0.40749654	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.1890542	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	0.72508555	0.58351143	1	0	0.008
0.57436691	1	0.71363558	0.17300739	1	0.019	0.016

0.41245049	1	-1.3345813	0.10109601	1	0.048	0.055
0.56468676	1	-0.7268124	0.7323261	1	0.019	0.055
0.50825689	1	-0.1537624	0.95534075	1	0.01	0.008
0.18052013	1	1.01618309	4.93E-06	0.13609463	0.286	0.236
0.00120704	1	1.03417706	0.01745057	1	0.162	0.173
0.57041692	1	-1.0225734	0.00234661	1	0.248	0.213
0.00105662	1	-0.748967	0.33586809	1	0.067	0.016
0.50498751	1	-1.2238183	0.39045234	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.01063347	1	0.99013694	0.09551571	1	0.238	0.197
0.36862472	1	-0.6935065	0.17088636	1	0.162	0.157
0.16745907	1	8.09572549	0.32710281	1	0	0.008
0.16269715	1	-0.2938932	0.73064279	1	0.057	0.031
0.16031026	1	-0.5682692	0.24119921	1	0.152	0.079
0.73071736	1	0.04323808	0.57886252	1	0.019	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.23906368	1	2.39515318	0.02177192	1	0	0.016
0.98163398	1	0.97085593	0.98225045	1	0.01	0.008
0.46587677	1	-0.2102881	0.77450435	1	0.067	0.063
0.28571296	1	0.56647149	0.17657105	1	0.029	0.071
0.28164082	1	-0.5566164	0.21938027	1	0.038	0.142
0.41144331	1	-0.0754307	0.65838862	1	0.019	0.039
0.47413309	1	-1.1239816	0.98178118	1	0	0
0.00013496	1	-0.1417028	0.81457525	1	0.143	0.134
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.70023339	1	0.89201266	0.22148212	1	0.019	0.008
0.42808354	1	-0.6254714	0.52038484	1	0.01	0.016
0.11663701	1	-0.0007503	0.39870609	1	0.067	0.087
0.49362995	1	-0.814121	0.72982553	1	0.01	0.047
0.16745907	1	9.5470445	0.32710281	1	0	0.008
0.51370259	1	0.60186983	0.98225045	1	0	0.016
0.00043683	1	0.32382947	0.16402934	1	0.543	0.614
0.00042846	1	0.13482431	0.35494923	1	0.438	0.567
1	1	7.87869814	0.32710281	1	0	0
0.04210859	1	0.1190106	0.45259158	1	0.171	0.157
0.73838607	1	-0.3944249	0.73953697	1	0.238	0.165
0.75112168	1	-0.1202271	0.7997523	1	0.162	0.126
0.38750674	1	0.26698246	0.56452826	1	0.038	0.047
0.14951168	1	0.56451282	0.57129823	1	0.067	0.016
2.18E-06	0.06021523	-0.068003	0.84400295	1	0.162	0.157
0.14245387	1	0.10399147	0.32811057	1	0.133	0.102

7.94E-05	1	-0.1538522	0.68837398	1	0.219	0.213
0.03998595	1	-0.053617	0.90648975	1	0.01	0.047
0.01026553	1	-0.2852093	0.34832311	1	0.143	0.244
0.05128475	1	-0.2646548	0.51748629	1	0.019	0.031
0.00049191	1	0.16504785	0.22717116	1	0.743	0.787
0.18766795	1	0.98052154	0.15669873	1	0.038	0.063
0.11580336	1	-0.1748569	0.53686159	1	0.314	0.197
0.05012925	1	10.5732932	0.01548432	1	0.01	0.016
1	1	8.45631997	0.16448785	1	0	0
0.23644964	1	0.58297025	0.98633536	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.20309338	1	0.56175302	0.97359938	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
0.51763401	1	-0.2944747	0.44879747	1	0	0.031
0.79441121	1	-0.4500769	0.80224135	1	0.124	0.11
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.1526848	0.98178118	1	0	0
0.02648675	1	1.73858994	0.00060849	1	0.048	0.11
0.3440403	1	0.51439105	0.5103762	1	0.029	0.031
0.25828158	1	-0.1978349	0.38404404	1	0.067	0.031
0.75197797	1	-0.8034779	0.45424064	1	0.038	0.016
0.47413309	1	-8.049686	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.07430802	1	-0.8618813	0.06093394	1	0.057	0.055
0.23616657	1	0.73997283	0.04161064	1	0.019	0.071
0.25144237	1	0.11280761	0.1823377	1	0.038	0.047
0.20716282	1	0.00463969	0.55154286	1	0.238	0.205
0.9349955	1	-0.6915836	0.89796052	1	0.067	0.031
0.07139924	1	0.0225906	0.83844171	1	0.086	0.079
0.23385587	1	-7.8717215	0.31142884	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.64367666	1	-1.7421301	0.98178118	1	0.029	0.008
0.01296607	1	-0.1747115	0.71161326	1	0.076	0.055
0.07215947	1	0.0710981	0.4349977	1	0.048	0.071
0.39019181	1	1.03694298	0.10838425	1	0.076	0.094
0.87468605	1	-0.350659	0.5027632	1	0.2	0.205
0.35298704	1	-1.2278297	0.32881788	1	0.029	0.047
0.00839175	1	-0.8450533	0.30766909	1	0.048	0.024
0.08384863	1	0.33860824	0.21197579	1	0.286	0.236

1	1	-0.0465426	1	1	0	0
0.97638791	1	1.13013418	0.67572874	1	0	0.008
0.00709866	1	0.09740032	0.85902152	1	0.029	0.079
0.00271909	1	-0.7373935	0.22410738	1	0.019	0.031
0.64651582	1	-0.1621887	0.75979976	1	0.076	0.071
1	1	8.70933498	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
0.01636436	1	-0.1804116	0.40242837	1	0.39	0.465
1	1	-0.0465426	1	1	0	0
0.47406203	1	-0.2167399	0.62935272	1	0.133	0.157
0.87583201	1	0.78148673	0.28064825	1	0.076	0.031
0.31295075	1	-0.7947345	0.57996861	1	0.038	0.024
0.47413309	1	-1.6389082	0.98178118	1	0	0
0.16745907	1	7.3400442	0.32710281	1	0	0.008
0.47413309	1	-2.7768947	0.98178118	1	0.01	0
0.50140445	1	-0.6528187	0.14138655	1	0.305	0.299
0.47979525	1	0.37100869	0.32923637	1	0.019	0.071
0.53934642	1	-0.0941952	0.90888387	1	0.076	0.055
0.0288151	1	0.0179568	0.57902087	1	0.019	0
0.30884832	1	-9.3009648	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.48067303	1	-0.3739064	0.37410271	1	0.171	0.173
0.13145388	1	0.18318398	0.40582554	1	0.086	0.118
0.51225803	1	0.08604407	0.50113029	1	0.305	0.236
3.45E-07	0.00950945	0.07928189	0.79143736	1	0.114	0.142
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4969153	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.42604295	1	-0.4245385	0.33910214	1	0.143	0.165
0.14758136	1	-0.41098	0.10286656	1	0.448	0.465
0.44245664	1	0.68724788	0.01241966	1	0.171	0.213
2.16E-14	5.97E-10	-0.3829925	0.03250733	1	0.41	0.346
1	1	-0.0465426	1	1	0	0
0.606631	1	-0.2840358	0.32616596	1	0.162	0.197
0.94377903	1	0.21753998	0.51293057	1	0.162	0.157
0.51370259	1	-2.6302632	0.54257632	1	0.019	0.016
0.47413309	1	1.59219638	0.33366442	1	0	0
0.58166417	1	-1.090137	0.5112589	1	0.038	0.039
1.40E-20	3.85E-16	-0.2781932	0.03859785	1	0.324	0.299
4.21E-18	1.16E-13	-0.3126291	0.01607946	1	0.381	0.354
0.00064875	1	-0.3936386	0.65111113	1	0.048	0.031

4.27E-19	1.18E-14	-0.3033282	0.06469394	1	0.219	0.331
3.28E-14	9.04E-10	-0.3828614	0.06551894	1	0.362	0.228
0.65396058	1	-0.7042287	0.37925755	1	0.076	0.087
0.14902501	1	-1.6418987	0.02296604	1	0.048	0.031
0.12865212	1	0.28781856	0.2363324	1	0.352	0.315
0.51444696	1	-0.6508433	0.41897634	1	0.057	0.055
0.16745907	1	9.53182258	0.16448785	1	0	0.008
0.97578525	1	1.18994712	0.17607401	1	0.01	0.016
0.45337301	1	-0.1007965	0.99158238	1	0.229	0.134
0.49910514	1	0.24713827	0.68368941	1	0.019	0.016
0.0266149	1	0.06920421	0.28487584	1	0.19	0.165
0.64284085	1	0.0854381	0.5312008	1	0.352	0.425
0.63546533	1	-4.0390925	0.16486421	1	0.038	0.024
0.53512736	1	-2.1670616	0.68533087	1	0.01	0.031
0.59312684	1	1.11473053	0.19743756	1	0.029	0.039
0.72099887	1	-0.2430992	0.54812763	1	0.095	0.087
0.47413309	1	1.35200065	0.58031208	1	0	0
0.7066876	1	-0.0308116	0.62694582	1	0.2	0.189
0.16745907	1	7.79264971	0.32710281	1	0	0.008
0.71473465	1	-0.7857694	0.29359572	1	0.019	0.031
0.47413309	1	-7.0257918	0.31142884	1	0	0
1	1	8.75687132	0.16448785	1	0.01	0
0.21141637	1	-1.3130448	0.30231602	1	0	0
1	1	8.29585321	0.32710281	1	0	0
0.70167751	1	0.6021483	0.15497759	1	0.086	0.142
0.25435759	1	0.02747523	0.89714145	1	0.238	0.189
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.2885347	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.20003701	1	-1.18197	0.62618056	1	0.038	0.031
0.23644964	1	0.8022221	0.33366442	1	0.01	0.016
0.98163398	1	-4.4515081	0.54257632	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.04446267	1	0.36793769	0.13908091	1	0.486	0.48
1	1	7.69151378	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.32549993	1	-0.2569673	0.36685043	1	0.133	0.189
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	5.42762774	0.32710281	1	0	0
1	1	8.82682471	0.16448785	1	0.01	0
1	1	6.71398342	0.32710281	1	0	0

1	1	7.40544908	0.32710281	1	0	0
0.01792798	1	1.23626785	0.01101281	1	0.162	0.189
0.64367666	1	-8.4374511	0.31142884	1	0	0.008
0.3997295	1	-0.6998795	0.73411095	1	0	0.031
0.0311128	1	-0.8485826	0.33396203	1	0.076	0.008
0.78658181	1	2.30096853	0.00070701	1	0.057	0.016
0.56032473	1	0.35033143	0.25572892	1	0.029	0.039
0.25759727	1	1.30486953	0.46165204	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.07350119	1	-0.2477188	0.38780484	1	0.581	0.543
0.28727956	1	0.02514345	0.92161169	1	0.152	0.11
0.04072628	1	-0.4230195	0.62707111	1	0.133	0.079
0.30884832	1	-4.327932	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
0.76516934	1	-0.0167567	0.86795239	1	0.238	0.213
0.97638791	1	0.34906063	0.43576121	1	0	0.008
0.2912568	1	-0.6487617	0.36411797	1	0.048	0.087
0.01533343	1	-0.0515007	0.96890484	1	0.543	0.496
0.81528521	1	0.30135388	0.54589083	1	0.076	0.071
0.3600682	1	-0.1516015	0.78394934	1	0.029	0.031
0.00023807	1	-0.1281662	0.72166289	1	0.076	0.134
0.03918597	1	-0.791683	0.1395599	1	0.029	0.031
0.35638517	1	-2.0272864	0.23104175	1	0.019	0.008
0.62623274	1	0.66538571	0.27723243	1	0.01	0.024
7.37E-16	2.03E-11	-0.0260473	0.64697151	1	0.533	0.551
0.36084326	1	0.43020078	0.5365681	1	0.038	0.039
0.20080029	1	0.04039903	0.87981417	1	0.219	0.22
0.00251176	1	-0.4580547	0.16620374	1	0.019	0.039
0.00286713	1	0.15845905	0.73941515	1	0.086	0.094
0.67902623	1	0.46009733	0.19430288	1	0.19	0.181
0.99587836	1	0.21489023	0.53745723	1	0.133	0.087
2.61E-12	7.20E-08	0.2721589	0.35437853	1	0.219	0.488
0.6007454	1	-0.233317	0.41433403	1	0.352	0.291
0.12224546	1	0.90245037	0.0023498	1	0.248	0.22
0.64118992	1	0.46585954	0.18887665	1	0.133	0.134
0.77725195	1	-0.7595044	0.86630418	1	0.038	0.055
0.66293062	1	-0.2525125	0.64074538	1	0.295	0.354
0.02167172	1	-0.4345295	0.34428494	1	0.076	0.024
0.26717151	1	-0.3583149	0.92133782	1	0.086	0.071
0.08134374	1	-0.0065005	0.54343313	1	0.057	0.031
0.05874841	1	0.00982945	0.80129376	1	0.143	0.087
0.00027285	1	-0.0300713	0.89801645	1	0.257	0.213
0.18918209	1	0.47819037	0.0631655	1	0.171	0.118

0.45972748	1	-0.1372578	0.4351941	1	0.495	0.488
0.719167	1	0.37571562	0.09776586	1	0.19	0.157
4.64E-05	1	-0.6325585	0.01452544	1	0.19	0.205
1.35E-07	0.0037179	-0.0382698	0.66797721	1	0.295	0.307
1.61E-10	4.45E-06	-0.4771321	0.08570702	1	0.162	0.15
9.93E-08	0.00273991	-0.5543779	0.13982144	1	0.124	0.087
0.00140463	1	-0.2456093	0.02900431	1	0.438	0.409
1.14E-05	0.31376195	-0.3401068	0.43264046	1	0.105	0.079
0.00124868	1	-0.2046675	0.59974351	1	0.181	0.157
1.56E-17	4.30E-13	-0.2041631	0.3347499	1	0.276	0.189
6.51E-06	0.17954232	-0.1265065	0.36664974	1	0.286	0.189
0.02991139	1	-0.087852	0.95944898	1	0.314	0.268
0.02141222	1	0.09868717	0.47576011	1	0.248	0.26
0.02172836	1	-0.0695563	0.890942	1	0.381	0.378
0.13866106	1	-0.070732	0.89962679	1	0.124	0.134
0.0078008	1	-0.3986166	0.02078387	1	0.343	0.354
0.00700365	1	-0.781943	0.3375474	1	0.105	0.024
0.62377475	1	-0.2360499	0.35482013	1	0.171	0.22
0.86510798	1	-0.1322998	0.59580671	1	0.114	0.189
0.6638687	1	0.65629564	0.01443301	1	0.019	0.063
0.37601057	1	0.11553329	0.9105878	1	0.143	0.15
0.0755948	1	-0.8809765	0.71525712	1	0.019	0
0.63089439	1	-0.0196628	0.67536331	1	0.105	0.126
0.07887927	1	-0.0825985	0.90106226	1	0.19	0.252
0.13526741	1	-0.0735619	0.61695978	1	0.438	0.465
0.01061016	1	0.18200602	0.55066888	1	0.543	0.638
0.24987691	1	0.44631939	0.04540334	1	0.324	0.291
0.7955409	1	0.18121241	0.68039255	1	0.343	0.465
0.25146868	1	0.27325237	0.18494519	1	0.143	0.165
0.34577732	1	1.05608433	0.17971899	1	0.029	0.031
0.53369166	1	0.3932375	0.14349105	1	0.267	0.26
0.00094167	1	-0.2366206	0.37244745	1	0.067	0.11
0.11981279	1	0.32537749	0.16319711	1	0.429	0.323
0.32343861	1	0.38303159	0.95097441	1	0.038	0.024
0.79753025	1	0.48873279	0.27024084	1	0.057	0.047
1	1	-0.0465426	1	1	0	0
0.66407101	1	-0.4313633	0.68262223	1	0.19	0.165
1	1	-0.0465426	1	1	0	0
1	1	8.43591468	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.89799626	1	-0.265266	0.18647647	1	0.638	0.606
0.00328958	1	0.34871724	0.04777219	1	0.61	0.535
1	1	10.0340764	0.02728712	1	0	0

0.09755072	1	-0.0702399	0.83849892	1	0.133	0.15
0.97114286	1	0.74811174	0.67837832	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.97114286	1	-2.1912412	0.9693467	1	0.038	0.008
0.08890719	1	-0.835636	0.45594717	1	0	0.016
0.13435934	1	-0.2290876	0.19787617	1	0.381	0.315
0.92264155	1	0.54050902	0.08210789	1	0.152	0.126
0.86819885	1	-0.2750567	0.93427069	1	0.286	0.205
0.07298699	1	-0.1935838	0.77831542	1	0.162	0.283
0.23906368	1	-0.5721982	0.58671897	1	0.019	0.016
2.63E-05	0.72493687	0.15122966	0.28503267	1	0.924	0.764
0.15927609	1	-0.7106928	0.21224139	1	0.086	0.165
0.64367666	1	-1.1618615	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.54565528	1	-0.2352984	0.66666879	1	0.038	0.039
0.05494034	1	-0.0989327	0.92369248	1	0.333	0.283
0.05310284	1	-0.458988	0.1623098	1	0.267	0.189
1	1	9.4602338	0.16448785	1	0	0
0.6456558	1	0.15228808	0.97239756	1	0.086	0.102
1	1	-0.0465426	1	1	0	0
1.34E-05	0.36980142	0.183313	0.32580684	1	0.038	0.079
0.00025994	1	-0.0286985	0.3954098	1	0.171	0.087
0.10021282	1	0.18800039	0.42139254	1	0.019	0.031
0.87340438	1	-0.1194087	0.94544529	1	0.076	0.11
1	1	6.35720241	0.32710281	1	0	0
0.47413309	1	-8.6762662	0.31142884	1	0	0
0.47413309	1	-1.1399581	0.98178118	1	0.01	0
0.03844393	1	0.42007363	0.00748566	1	0.562	0.496
0.59667297	1	0.92415385	0.96901184	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
0.80832701	1	-0.4325486	0.32172837	1	0.105	0.11
0.32280628	1	-0.1218284	0.94544771	1	0.19	0.181
0.94903521	1	0.20088508	0.59308041	1	0.152	0.134
0.55836885	1	-0.1263464	0.98109861	1	0.314	0.362
0.09918701	1	-1.2736535	0.009946	1	0.01	0.031
0.53993783	1	-1.2104823	0.29006624	1	0.048	0.031
1	1	-0.0465426	1	1	0	0
0.60484498	1	0.10593575	0.65189417	1	0.362	0.252
0.65104031	1	-0.3760797	0.8990161	1	0.057	0.047
0.49903581	1	0.2379489	0.36749615	1	0.105	0.087
0.52307085	1	-0.1082914	0.6056444	1	0.143	0.118
0.81401121	1	0.4793581	0.26453567	1	0.086	0.102
0.86638999	1	-0.6318826	0.46297317	1	0.029	0.055

0.00877602	1	-0.2004924	0.76093975	1	0.029	0.071
0.11926624	1	-0.0229414	0.67736741	1	0.057	0.11
0.97273734	1	-0.2449181	0.98391306	1	0.029	0.063
0.10536053	1	0.04768731	0.96509883	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.3483893	1	0.03330648	0.5600458	1	0.01	0.063
0.47413309	1	-0.2504503	0.58671897	1	0	0
1	1	-0.0465426	1	1	0	0
0.22358676	1	-0.6053184	0.51933569	1	0.038	0.063
0.30884832	1	-0.2991839	0.54877979	1	0	0
0.30884832	1	-8.2921133	0.15105729	1	0	0
0.35565115	1	-0.0091001	0.78997549	1	0.01	0.031
0.01100069	1	1.96849703	0.10994172	1	0.029	0.039
0.68315757	1	-0.5213683	0.4289643	1	0.133	0.11
0.43260539	1	-0.0650746	0.99436546	1	0.105	0.063
0.00143286	1	0.2672487	0.00653621	1	0.933	0.874
0.28919889	1	0.19897763	0.41167324	1	0.048	0.055
0.28907833	1	0.51451166	0.43402121	1	0	0.039
0.85361558	1	-10.276357	0.02261846	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
1.35E-15	3.72E-11	-0.20519	0.1975278	1	0.21	0.276
0.08836966	1	0.47907425	0.07562578	1	0.248	0.244
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.49910514	1	0.12076762	0.54877979	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	7.13222077	0.32710281	1	0	0
0.08816255	1	1.82084997	0.02173363	1	0.019	0.039
1	1	7.63263319	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.21141637	1	-1.7239715	0.30231602	1	0.019	0
0.98163398	1	0.97262298	0.17117359	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.98163398	1	1.26621253	0.67572874	1	0	0.008
0.62316808	1	1.05932689	0.97594379	1	0	0.024
2.89E-05	0.79707655	0.02516843	0.26589104	1	0.324	0.307
0.39217916	1	-0.2652783	0.74065106	1	0.067	0.087
0.92496745	1	1.47828452	0.0462412	1	0.029	0.039
1	1	4.64722057	0.32710281	1	0	0
0.55434256	1	-0.3264721	0.50894242	1	0.095	0.157
0.75855879	1	0.5732577	0.59956087	1	0	0.016
0.78658181	1	-3.2934643	0.29853994	1	0	0.016
0.16699749	1	-0.4552889	0.63638509	1	0.076	0.15

0.47413309	1	-7.6833108	0.31142884	1	0	0
0.85592787	1	-0.6892391	0.04610455	1	0.143	0.071
1	1	8.07204347	0.32710281	1	0	0
0.43031836	1	-3.9242189	0.08113824	1	0	0.016
0.94294071	1	1.16640197	0.10843441	1	0.029	0.031
0.09138946	1	2.27608919	0.10133508	1	0	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.46716603	1	0.10521112	0.25488802	1	0.181	0.236
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8662189	0.31142884	1	0	0
0.23385587	1	0.43130385	0.98633536	1	0	0.016
0.66367378	1	-0.6670635	0.13597121	1	0.295	0.236
0.06177215	1	0.0414798	0.70674616	1	0.057	0.024
0.4071723	1	1.23744167	0.50340362	1	0.029	0.024
0.94398666	1	1.24697764	0.1385176	1	0.048	0.039
1	1	-0.0465426	1	1	0	0
0.06934355	1	-1.1243895	0.5637146	1	0.057	0.094
0.00126663	1	-0.0964557	0.89271848	1	0.143	0.118
0.15138426	1	0.10572341	0.56241195	1	0.038	0.071
0.9323485	1	-0.1376755	0.17127839	1	0.029	0.031
0.97722323	1	0.16683883	0.33872451	1	0.648	0.496
0.23648119	1	0.02237984	0.86844347	1	0.362	0.331
0.00437524	1	-0.5938172	0.88475037	1	0.067	0.157
0.19388358	1	-0.0565721	0.79299453	1	0.762	0.677
0.93556509	1	-0.6685796	0.96506098	1	0.067	0.047
0.17906707	1	-0.7416118	0.38563636	1	0.076	0.11
0.33754266	1	0.56717875	0.39328908	1	0	0.031
0.23644964	1	2.93401711	0.02130955	1	0.019	0.016
0.23385587	1	0.94732537	0.98633536	1	0	0.016
0.08598475	1	0.38086148	0.61600025	1	0.076	0.094
0.23385587	1	2.61108292	0.32963505	1	0	0.016
0.59668532	1	0.16554932	0.23593468	1	0.562	0.567
0.00344363	1	0.15101353	0.52208738	1	0.59	0.496
0.47413309	1	0.28321824	0.58671897	1	0	0
0.97114286	1	0.42272665	0.98225045	1	0	0.008
0.13625298	1	0.44129695	0.1819134	1	0.248	0.189
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.64367666	1	-9.3168912	0.31142884	1	0	0.008
1	1	7.95549949	0.32710281	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.2577422	0.15105729	1	0	0
0.47413309	1	-0.4172153	0.58671897	1	0.01	0
1	1	-0.0465426	1	1	0.01	0
1	1	6.31120325	0.32710281	1	0.01	0
0.94973339	1	-1.4037948	0.95305312	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1	1	8.38488849	0.32710281	1	0	0
0.30884832	1	-0.9363864	0.54567368	1	0	0
0.145927	1	-0.6745753	0.43806605	1	0.019	0.016
0.16745907	1	8.19891666	0.32710281	1	0	0.008
0.47413309	1	2.68611696	0.58351143	1	0	0
0.64367666	1	-1.0921048	0.98178118	1	0	0.008
0.19798394	1	-0.4026207	0.82092507	1	0.076	0.118
0.39242981	1	0.72603099	0.19260231	1	0.105	0.055
0.68710704	1	-0.8894504	0.16709001	1	0.038	0.047
0.33347299	1	0.11366493	0.55990306	1	0.01	0.031
0.47413309	1	-7.6838794	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.3826388	0.98225045	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.1907914	1	-0.3297109	0.34063947	1	0.238	0.22
0.02503804	1	-0.1492342	0.12058369	1	0.714	0.646
0.00157001	1	0.59095907	0.01562463	1	0.21	0.244
0.02992516	1	-0.9917844	0.02372436	1	0.057	0.008
1	1	-0.0465426	1	1	0	0
0.44843905	1	-1.4632243	0.08450098	1	0	0.016
1	1	-0.0465426	1	1	0	0
1.11E-19	3.06E-15	0.13315603	0.44820116	1	0.314	0.669
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.04556112	1	0.30513851	0.36443937	1	0.048	0.016
0.39511949	1	0.80766937	0.01109366	1	0.162	0.134
0.09355075	1	-0.1677134	0.77618962	1	0.162	0.228
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.23131719	0.98633536	1	0	0
0.47413309	1	-7.776991	0.31142884	1	0	0
0.76515714	1	0.13372106	0.71140875	1	0.048	0.016
0.0195016	1	-0.0642908	0.70625674	1	0.724	0.646
0.08787108	1	0.39122932	0.54102974	1	0.438	0.378
0.95878114	1	0.32634329	0.63163263	1	0.01	0.024

0.01440147	1	0.04454124	0.88261278	1	0.095	0.063
0.50273372	1	1.51533639	0.4338148	1	0.01	0.016
0.02595976	1	0.22954654	0.72001888	1	0.133	0.173
0.55801414	1	-0.9278226	0.30317269	1	0.086	0.102
0.55815683	1	0.07348438	0.91974918	1	0.238	0.205
0.51467748	1	-0.1563359	0.37129563	1	0.352	0.307
0.78265522	1	-0.0555514	0.7416214	1	0.01	0.016
0.25319389	1	-0.0530306	0.75963284	1	0.229	0.252
0.90721401	1	-1.5540176	0.03047299	1	0.086	0.11
0.08653109	1	1.85249889	0.06417538	1	0.029	0.024
0.44159353	1	0.69731175	0.64212142	1	0.038	0.016
1	1	7.90325359	0.32710281	1	0	0
0.30884832	1	-8.5915704	0.15105729	1	0	0
0.42787999	1	0.61056424	0.09375485	1	0.01	0.055
0.22520466	1	0.51990987	0.05217476	1	0.267	0.205
0.70494313	1	-0.1808603	0.38868347	1	0.2	0.213
0.06240781	1	-0.0447066	0.83781459	1	0.095	0.102
0.02493632	1	0.14442891	0.73160782	1	0.095	0.15
0.65524533	1	0.14105822	0.84942369	1	0.181	0.197
0.97114286	1	1.26192291	0.16849427	1	0.01	0.008
0.0022465	1	0.56355575	0.14263516	1	0.171	0.244
0.03169392	1	0.08783243	0.70106436	1	0.171	0.126
0.0834342	1	3.55376706	0.06200015	1	0	0.024
0.3698347	1	-1.6168527	0.18328781	1	0	0.047
1	1	-0.0465426	1	1	0	0
0.5063762	1	0.28541227	0.68103189	1	0	0.016
0.47413309	1	-0.5656444	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.8950556	1	0.06546581	0.15008862	1	0.124	0.213
0.69235351	1	0.44649752	0.59725261	1	0.029	0.039
0.042136	1	0.65397336	0.48912136	1	0.086	0.008
0.97638791	1	0.83155692	0.97902395	1	0.01	0.008
0.61037624	1	0.72704897	0.25556225	1	0.067	0.047
1	1	-0.0465426	1	1	0	0
0.36987442	1	-0.185782	0.42178871	1	0.352	0.276
0.48590577	1	0.07296179	0.06305499	1	0.524	0.528
1	1	-0.0465426	1	1	0	0
0.97550908	1	-0.209735	0.37364584	1	0.295	0.323
0.25927726	1	0.19064633	0.1820846	1	0.371	0.394
0.47240379	1	-0.0572755	0.5096073	1	0.143	0.079
0.40517559	1	-0.2808164	0.9836716	1	0.029	0.047
0.04070594	1	0.19078939	0.36538412	1	0.324	0.402
0.76969987	1	-2.2558338	0.17992196	1	0.029	0.024

0.05458447	1	0.54717453	0.28064825	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.1916466	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.05498828	0.32710281	1	0	0
0.30884832	1	-8.5098205	0.15105729	1	0	0
0.97375813	1	-0.2396348	0.5399133	1	0.448	0.331
0.16745907	1	-0.0465426	1	1	0	0.008
0.62194885	1	-0.5928771	0.11527775	1	0.133	0.173
0.00721181	1	-0.3469573	0.12344596	1	0.181	0.173
1	1	-0.0465426	1	1	0	0
0.47413309	1	-2.2544989	0.98178118	1	0	0
0.14820265	1	-0.7217393	0.67099324	1	0	0
0.30884832	1	-1.345981	0.54567368	1	0	0
0.07027589	1	-0.7867428	0.407625	1	0.048	0.087
0.21141637	1	0.34736372	0.73467898	1	0.019	0
0.63792001	1	-8.4524524	0.31142884	1	0	0.008
0.64367666	1	0.40218847	0.19292413	1	0	0.008
0.3549503	1	-0.1895159	0.85378414	1	0.048	0.063
1	1	-0.0465426	1	1	0	0
0.01621721	1	-0.0465426	1	1	0.01	0.024
0.13794199	1	-0.4380786	0.93066371	1	0.01	0.008
0.35579222	1	-0.0326125	0.70595156	1	0.19	0.236
0.00012439	1	0.30272629	0.10783323	1	0.79	0.772
0.50447083	1	-0.9605941	0.25060337	1	0.095	0.024
0.73644552	1	0.15823433	0.90252345	1	0.143	0.165
0.14404032	1	0.44784921	0.01946996	1	0.286	0.165
0.45600932	1	0.1321239	0.58971604	1	0.19	0.236
6.72E-06	0.18558378	-0.1044749	0.75547797	1	0.095	0.118
0.43741432	1	-0.258685	0.80544848	1	0.076	0.118
0.75973827	1	0.1275775	0.27378158	1	0.048	0.047
0.63551876	1	-0.1666811	0.74256434	1	0.019	0.024
0.09442712	1	-0.2191762	0.82986915	1	0.029	0.071
0.3591924	1	-0.1771872	0.49028736	1	0.276	0.291
0.21141637	1	-3.7778717	0.29853994	1	0	0
1	1	-0.0465426	1	1	0	0
0.87179402	1	0.01950648	0.81380903	1	0.81	0.709
0.58753602	1	0.49115822	0.2204538	1	0.076	0.094
1	1	-0.0465426	1	1	0	0
1	1	7.90619585	0.16448785	1	0	0
0.21977497	1	0.40516093	0.65806703	1	0.105	0.134
1	1	-0.0465426	1	1	0	0

0.16745907	1	-0.0465426	1	1	0	0.008
0.64367666	1	-1.2209237	0.98178118	1	0.019	0.008
0.2577186	1	-0.2209022	0.2528847	1	0.533	0.551
0.47413309	1	-6.9434849	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.08080443	1	-0.1106729	0.43515753	1	0.01	0.016
0.30884832	1	-0.5747875	0.54567368	1	0	0
0.47413309	1	-7.4708351	0.31142884	1	0	0
0.30884832	1	-0.9893576	0.54567368	1	0	0
0.02228658	1	0.40620064	0.18100377	1	0.095	0.079
0.0002045	1	-0.2944247	0.49097159	1	0.124	0.087
0.0844345	1	0.11491937	0.71856792	1	0.029	0.079
0.29239969	1	0.35918857	0.04445269	1	0.048	0.039
0.7153335	1	-0.2575819	0.48369464	1	0.581	0.528
1	1	7.94671912	0.32710281	1	0	0
0.67666593	1	-0.0355197	0.82064842	1	0.314	0.339
0.16745907	1	6.31120325	0.32710281	1	0	0.008
0.26527105	1	-0.7530678	0.68400722	1	0.038	0.031
0.8294075	1	-0.756785	0.09618946	1	0.219	0.134
0.05012925	1	-0.0465426	1	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.79761564	1	0.02599705	0.7766256	1	0.248	0.205
0.29050521	1	-0.0195883	0.17699601	1	0.438	0.346
0.12298039	1	-0.4844723	0.77271075	1	0.095	0.118
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.3765422	0.31142884	1	0	0
0.0039573	1	0.33305004	0.0945431	1	0.686	0.638
0.16269666	1	-0.3717939	0.18728191	1	0.2	0.165
0.20028199	1	-0.1461003	0.69389989	1	0.41	0.299
0.13960679	1	0.03213	0.87316554	1	0.581	0.622
0.79620167	1	0.09955016	0.42896137	1	0.076	0.063
0.70390665	1	0.45982845	0.34684345	1	0.01	0.031
0.28547608	1	-0.2026027	0.37248504	1	0.171	0.102
0.18983114	1	-0.2016707	0.66942987	1	0.038	0.055
0.61884792	1	-0.4511328	0.62769404	1	0.114	0.118
0.34785582	1	0.74684218	0.27308968	1	0.057	0.031
0.00099193	1	-0.3654713	0.61780402	1	0.067	0.047
0.11350198	1	-0.2619995	0.76908601	1	0.019	0.024
0.19236157	1	-0.2756618	0.83889713	1	0.019	0.063
0.00197208	1	-0.8579372	0.45486643	1	0.019	0.031
0.01846471	1	-0.4647995	0.73994199	1	0.114	0.071
0.1284537	1	-1.0049248	0.31040966	1	0.029	0.055

0.7193462	1	-0.0028748	0.6810885	1	0.038	0.087
0.89061389	1	-0.0531664	0.58745224	1	0.029	0.039
0.52640045	1	-0.5473698	0.24552677	1	0.305	0.346
0.59074323	1	0.29630427	0.44614316	1	0.248	0.165
0.49524626	1	-9.8325872	0.04168349	1	0	0.008
0.2758107	1	-0.3533644	0.93473291	1	0.038	0.055
0.49748406	1	0.12921475	0.90213378	1	0.057	0.063
0.97114286	1	-0.2131188	0.54877979	1	0	0.008
0.70023339	1	0.52052551	0.9683218	1	0	0.008
0.2207777	1	0.15556063	0.63277641	1	0.295	0.26
0.63792001	1	1.89395773	0.58031208	1	0	0.008
0.07750382	1	-0.319012	0.91998808	1	0.19	0.071
0.55878959	1	-0.2087663	0.92514806	1	0.152	0.15
0.52926411	1	0.61833792	2.69E-05	0.74138648	0.686	0.622
0.7012089	1	0.91200585	0.6115763	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.90326992	1	-1.7495789	0.5082356	1	0.01	0.031
1	1	-0.0465426	1	1	0.01	0
0.57800022	1	-1.807123	0.00360297	1	0.048	0.087
1	1	-0.0465426	1	1	0	0
0.23644964	1	-7.0014575	0.31142884	1	0.019	0.016
0.5300983	1	0.17561602	0.73226019	1	0.029	0.031
0.16745907	1	6.63383926	0.32710281	1	0.01	0.008
0.75197797	1	1.36133687	0.41692622	1	0.019	0.016
0.16745907	1	9.23469076	0.16448785	1	0	0.008
0.5633639	1	-4.1074615	0.05091781	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.23644964	1	2.45974129	0.32963505	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.23385587	1	-0.8562668	0.98178118	1	0.01	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
0.58547061	1	-1.5179527	0.14340882	1	0.029	0.016
0.63878584	1	-0.5888444	0.72863728	1	0.029	0.047
0.27720752	1	-0.6319891	0.47568831	1	0.019	0.031
0.78658181	1	-0.8180742	0.30421593	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.76137315	1	0.3680858	0.28999391	1	0.01	0.024
0.99230102	1	0.94423042	1.25E-05	0.34479005	0.124	0.331
0.11464142	1	1.22312108	4.86E-08	0.00134034	0.048	0.236
1	1	8.01507063	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.54389907	1	-1.7931905	0.10624325	1	0	0.031
0.18804204	1	-0.5889532	0.09131855	1	0.162	0.118
0.14820265	1	-1.9033793	0.66207262	1	0.029	0
0.03594914	1	1.61948561	0.06403846	1	0.01	0.039
0.16745907	1	-0.0465426	1	1	0	0.008
3.17E-08	0.00087452	0.33549898	0.06000935	1	0.629	0.795
0.02366961	1	-0.0718643	0.73654614	1	0.19	0.22
0.77297062	1	-0.0335476	0.38102349	1	0.048	0.071
0.41782464	1	0.72528343	0.97887812	1	0	0.024
0.53196768	1	0.24683129	0.2747365	1	0.067	0.102
1	1	-0.0465426	1	1	0	0
0.00954	1	-0.3155843	0.8038975	1	0.333	0.126
0.14369365	1	-0.3904786	0.5600208	1	0.305	0.354
0.08405949	1	-0.9487489	0.06833036	1	0.076	0.047
0.48761694	1	-0.8135288	0.73928994	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.09193081	1	0.0296763	0.92243837	1	0.686	0.598
0.1945563	1	-1.2033888	0.3175328	1	0.019	0.024
0.03943007	1	-2.1180543	0.75091068	1	0	0.047
0.16745907	1	7.72547834	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.06090685	1	-0.9498136	0.019589	1	0.048	0.126
0.02953786	1	-7.1623989	0.31142884	1	0	0.031
0.30884832	1	-9.1185952	0.15105729	1	0	0
0.70994309	1	0.14683008	0.6422968	1	0.095	0.094
0.05220975	1	-0.3281549	0.23911023	1	0.276	0.181
0.68693145	1	-0.1437404	0.47376576	1	0.248	0.213
0.26493609	1	-0.6906943	0.35288736	1	0.171	0.094
0.80254993	1	-0.6371211	0.88567942	1	0.057	0.071
0.92420619	1	0.05360921	0.77396879	1	0.524	0.409
0.31034328	1	-0.5448856	0.39778355	1	0.01	0.079
0.26521842	1	-0.219338	0.97075426	1	0.295	0.252
0.0199556	1	0.04099584	0.82092507	1	0.095	0.024
0.52423862	1	-0.4055913	0.64052659	1	0.029	0.031
0.74425658	1	-0.2186765	0.7663822	1	0.086	0.063
0.20003701	1	1.68078782	0.08915355	1	0.019	0.031
0.47413309	1	2.54594769	0.33366442	1	0.029	0
0.30884832	1	-8.6447503	0.15105729	1	0	0
0.20448709	1	-0.3359003	0.11408181	1	0.362	0.307
0.10570476	1	0.17916473	0.37475361	1	0.162	0.26
0.24332986	1	0.64857564	0.42412733	1	0.019	0.016
0.00804169	1	1.14267981	0.12174269	1	0	0.071
0.07140598	1	0.34886723	0.01929845	1	0.59	0.606

0.58852936	1	0.13814097	0.84343777	1	0.076	0.039
0.77481873	1	0.05618246	0.63648202	1	0	0.016
0.98163398	1	1.60535146	0.27153506	1	0.029	0.008
1	1	-0.0465426	1	1	0.01	0
1	1	7.23744123	0.32710281	1	0	0
1	1	8.16708654	0.32710281	1	0	0
0.12350792	1	-0.3675801	0.10680876	1	0.276	0.244
0.55421021	1	0.41629985	0.03934261	1	0.124	0.087
1	1	-0.0465426	1	1	0.019	0
0.21141637	1	0.08337203	0.7416214	1	0.01	0
0.01995453	1	0.45146685	0.17262841	1	0.343	0.315
0.03564658	1	0.07620404	0.40962848	1	0.619	0.535
1	1	-0.0465426	1	1	0.01	0
0.94963247	1	-1.8044741	0.70428365	1	0.019	0.024
0.72428467	1	-0.4885349	0.88010487	1	0.048	0.055
0.79051383	1	-5.0843807	0.29853994	1	0.01	0.016
0.67976488	1	-0.5045066	0.84117246	1	0	0.031
1	1	8.51977816	0.16448785	1	0	0
1	1	7.34625965	0.32710281	1	0	0
0.02467992	1	0.0409954	0.58770915	1	0.067	0.016
0.01536376	1	-5.7499191	0.0028105	1	0.038	0
0.47413309	1	-3.3544843	0.98178118	1	0	0
0.54986792	1	0.70346673	0.27898437	1	0.038	0.031
0.02672495	1	0.39551411	0.40291999	1	0.181	0.213
0.13666833	1	-0.2863113	0.49116316	1	0.029	0.024
0.23644964	1	0.12243988	0.98633536	1	0.01	0.016
0.3951347	1	0.4123587	0.57093365	1	0.029	0.024
0.00173474	1	0.19789185	0.73923129	1	0.076	0.094
1	1	8.6382377	0.32710281	1	0	0
0.30884832	1	-9.0231396	0.15105729	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1995654	0.31142884	1	0	0
1	1	6.71398342	0.32710281	1	0	0
0.33986431	1	0.54256048	0.64652655	1	0.057	0.047
0.47413309	1	-7.3790662	0.31142884	1	0	0
0.33062557	1	-0.2311969	0.89315193	1	0.381	0.331
0.00905016	1	0.10480208	0.7248353	1	0.333	0.339
0.10536053	1	-0.9642477	0.69131702	1	0.038	0
1	1	-0.0465426	1	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.23385587	1	-7.8235717	0.31142884	1	0	0.016
0.30884832	1	-1.0619779	0.54567368	1	0.01	0

0.98163398	1	-0.7258255	0.54877979	1	0.01	0.008
0.0001694	1	0.29365311	0.04454775	1	0.762	0.78
0.54978184	1	0.23597631	0.50229597	1	0.019	0.063
0.13445534	1	0.00612197	0.78642827	1	0.01	0.024
0.5063762	1	-9.6194913	0.15105729	1	0	0.016
0.22821676	1	-0.5362089	0.66621749	1	0.19	0.165
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.49497639	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.96461538	1	-0.8156258	0.67099324	1	0	0.016
0.52134095	1	0.47365157	0.86971106	1	0.038	0.047
0.0255897	1	-0.5121943	0.52194697	1	0.019	0.024
0.68513651	1	-0.509241	0.33822944	1	0.067	0.094
1	1	8.2699372	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.41514627	1	1.20017073	0.22148212	1	0.067	0.024
0.47413309	1	-7.4686325	0.31142884	1	0	0
0.10536053	1	0.18784911	0.43936159	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.05947581	1	-0.4425951	0.29704994	1	0.105	0.094
0.11209517	1	-0.0827386	0.90182275	1	0.543	0.496
0.90550824	1	0.70117397	0.28841325	1	0.162	0.094
0.28726516	1	0.18188935	0.7295186	1	0.029	0.11
0.32522786	1	-0.6881057	0.37170635	1	0.01	0.016
0.00094141	1	-1.0433198	0.09726567	1	0.048	0.024
0.079856	1	-0.1677572	0.56960517	1	0.076	0.118
1	1	-0.0465426	1	1	0	0
0.41449148	1	-1.0202503	0.57822208	1	0.067	0.031
0.16745907	1	8.66687991	0.32710281	1	0.019	0.008
0.05590322	1	0.25147264	0.31364853	1	0.105	0.165
0.17231004	1	2.13039395	0.01972124	1	0	0.039
0.06050481	1	-0.0470283	0.5994265	1	0.2	0.087
4.40E-05	1	-0.2328626	0.43447329	1	0.019	0.008
0.10400414	1	-0.2348949	0.6883402	1	0.419	0.417
0.49524626	1	-1.200753	0.95076587	1	0.019	0.008
0.96089352	1	-0.2630087	0.56859898	1	0.01	0.016
0.01464215	1	0.21048447	0.63552002	1	0.019	0.142
0.30884832	1	-8.8383671	0.15105729	1	0.01	0

0.33127083	1	0.32254369	0.33732411	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
0.05042194	1	0.01318782	0.40612359	1	0.048	0.118
0.80891124	1	-1.1144139	0.05403812	1	0.067	0.063
0.63792001	1	2.07803822	0.58031208	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.58671595	0.98633536	1	0	0
0.42879274	1	0.1466773	0.90259319	1	0.343	0.283
1	1	-0.0465426	1	1	0.01	0
0.4676968	1	-0.379285	0.1925834	1	0.095	0.11
0.03737316	1	1.22308802	0.54955383	1	0.029	0.055
0.61096469	1	-0.1174122	0.69816722	1	0.01	0.024
0.47413309	1	-8.0607463	0.31142884	1	0	0
0.30884832	1	-1.8617215	0.54257632	1	0	0
0.00607041	1	0.06179541	0.90965343	1	0.086	0.031
0.47413309	1	2.42189934	0.58031208	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.57252268	1	0.14163065	0.86363628	1	0.114	0.134
0.79051383	1	-2.781784	0.29853994	1	0.01	0.016
0.47413309	1	-7.6838794	0.31142884	1	0	0
0.1867147	1	-0.1826328	0.88366213	1	0.029	0.063
0.47723963	1	0.28655868	0.19076414	1	0.029	0.024
1	1	9.38258266	0.16448785	1	0	0
0.92605253	1	-0.0414066	0.8550265	1	0.152	0.165
0.63792001	1	-7.8235717	0.31142884	1	0	0.008
0.10770214	1	-1.2019813	0.2097981	1	0.019	0.016
0.09480132	1	-0.774266	0.31277811	1	0.162	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.49814938	1	-0.0766807	0.66774903	1	0.038	0.157
0.37722381	1	-0.1271577	0.93976817	1	0.362	0.346
0.00629709	1	-0.3013855	0.59519183	1	0.067	0.047
0.64367666	1	0.63299666	0.98633536	1	0	0.008
0.20526318	1	-0.2934677	0.09935822	1	0.019	0.016
0.02187675	1	-0.2061942	0.69857612	1	0.295	0.283
0.7852761	1	0.57680377	0.39582495	1	0.048	0.047
0.47413309	1	0.80779518	0.19292413	1	0	0
1	1	8.42353376	0.32710281	1	0	0
1	1	6.62239553	0.16448785	1	0	0
0.05012925	1	7.87869814	0.32710281	1	0	0.016
1	1	8.78252944	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.05896636	0.32710281	1	0	0
0.77822021	1	0.02778542	0.53051102	1	0.133	0.087
0.62545642	1	0.36252577	0.55997375	1	0.181	0.118
0.68751138	1	-0.5258154	0.39215271	1	0.076	0.087
0.16745907	1	-0.0465426	1	1	0	0.008
0.70023339	1	0.17554133	0.97096043	1	0	0.008
0.47413309	1	1.91496	0.33164578	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.55520764	1	-0.2109324	0.92748253	1	0.048	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.89811346	0.67837832	1	0.01	0
0.69601219	1	0.23157743	0.97359938	1	0.01	0.008
0.85767664	1	0.57655517	0.09972366	1	0.057	0.071
0.00457726	1	0.12197069	0.57422742	1	0.029	0.024
0.28562455	1	0.38304132	0.06769539	1	0.038	0.024
0.1148655	1	0.46186095	0.09526312	1	0.229	0.26
0.50234742	1	-0.0202548	0.76932515	1	0.029	0.024
0.09138946	1	-2.4014106	0.54257632	1	0	0.031
0.17479636	1	0.39104297	0.7676769	1	0.048	0.031
0.01657803	1	1.0148343	0.10317257	1	0.095	0.102
0.50812094	1	-1.1175324	0.44419239	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.69180038	1	-0.1056649	0.51445741	1	0.019	0.008
0.54936938	1	-0.0708182	0.92869578	1	0.029	0.047
0.33849584	1	-0.4832042	0.43401251	1	0.143	0.063
0.56885269	1	-1.5180521	0.28741112	1	0	0.016
0.88597169	1	0.28363676	0.32489771	1	0.362	0.299
1	1	-0.0465426	1	1	0	0
0.00963372	1	-0.7827622	0.20241054	1	0.029	0.031
0.26644851	1	-1.5293988	0.02944212	1	0.01	0.031
0.21922148	1	1.1361703	0.2742181	1	0.048	0.024
0.07982553	1	0.3293199	0.15494096	1	0.143	0.157
0.04625439	1	0.27832415	0.25109045	1	0.086	0.087
0.41410395	1	0.38545997	0.13289641	1	0.229	0.213
0.41514627	1	-0.8085889	0.62618056	1	0.01	0.024
0.23906368	1	-0.9896448	0.98178118	1	0.01	0.016
0.48548247	1	0.14449716	0.13782378	1	0.571	0.386
0.01784289	1	-0.8730811	0.15010528	1	0.181	0.213

0.22094703	1	0.45002085	0.06040126	1	0.076	0.087
0.524019	1	-0.2251776	0.63596589	1	0.105	0.157
0.37464644	1	-0.0893573	0.41700558	1	0.581	0.488
0.40298232	1	0.70501466	0.13571467	1	0.01	0.031
0.0252997	1	-0.6028992	0.3375474	1	0.095	0.181
0.25450068	1	0.10491799	0.72520528	1	0.124	0.205
0.96183197	1	0.14558333	0.95775255	1	0.01	0.024
0.25759727	1	0.32981647	0.47852952	1	0.019	0.008
0.94210563	1	-1.7502082	0.2984557	1	0.038	0.047
0.29233266	1	-0.2723605	0.32635746	1	0.086	0.094
0.70584117	1	0.4713787	0.1588209	1	0.086	0.165
0.69180038	1	-2.8961235	0.29853994	1	0	0.008
0.35638517	1	0.25858795	0.60119856	1	0.029	0.008
1	1	9.19018996	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.1474616	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
1.43E-23	3.94E-19	-0.1652429	0.09825312	1	0.333	0.323
1	1	-0.0465426	1	1	0	0
0.2813237	1	-0.6199419	0.52494782	1	0.114	0.071
0.08892124	1	1.38954245	0.14282253	1	0.019	0.039
0.87080258	1	0.00729012	0.37126749	1	0.076	0.087
7.72E-08	0.00213049	-0.4447732	0.11519945	1	0.162	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-9.1677248	0.31142884	1	0	0.008
0.21141637	1	0.49621406	0.50891479	1	0	0
1	1	9.28360763	0.16448785	1	0.019	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	7.23744123	0.32710281	1	0	0
0.63792001	1	2.06423143	0.33164578	1	0	0.008
0.47413309	1	-0.9918438	0.98178118	1	0	0
0.34174263	1	0.13239952	0.72107383	1	0.114	0.118
0.60928835	1	-0.2771055	0.63538494	1	0.257	0.157
0.96089352	1	-0.6653566	0.95305312	1	0.01	0.016
0.65737734	1	-0.3064855	0.33578449	1	0.038	0.039
0.01708323	1	-0.6533412	0.33438897	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
0.0755948	1	-1.12192	0.4830632	1	0.019	0
0.47413309	1	-8.0689118	0.31142884	1	0	0

0.03386584	1	0.00465717	0.84377954	1	0.6	0.622
0.03077616	1	0.52326783	0.0713538	1	0.067	0.079
0.2576425	1	-0.7351863	0.3858924	1	0.019	0.016
0.06607244	1	-0.5696874	0.13710064	1	0.048	0.055
0.1728278	1	0.07521564	0.44838843	1	0.543	0.488
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.80725702	1	0.12779078	0.61087036	1	0.124	0.134
0.09967098	1	0.30484009	0.13517387	1	0.305	0.252
0.05226256	1	-0.0514928	0.87289153	1	0.267	0.213
0.92705677	1	-0.1070719	0.42328935	1	0.029	0.031
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.10305052	1	-0.1836143	0.76409586	1	0.01	0.016
0.7668562	1	0.05791799	0.76594982	1	0.019	0.047
0.02455319	1	0.12519242	0.8720597	1	0.638	0.614
0.64367666	1	-0.9716271	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.96181679	1	-0.8036287	0.58122797	1	0.048	0.047
1	1	7.40544908	0.32710281	1	0	0
0.17338122	1	-0.4330783	0.09110526	1	0.162	0.173
0.98653966	1	-0.0211618	0.43804835	1	0.152	0.11
0.30884832	1	-2.7653761	0.54257632	1	0	0
0.37303632	1	0.41719182	0.1458842	1	0.162	0.165
0.14309652	1	-0.3671705	0.54009727	1	0.029	0.008
0.06028062	1	0.93508036	0.00558614	1	0.19	0.228
0.72905431	1	0.73471905	0.42785937	1	0.152	0.087
0.61109564	1	-0.9978752	0.13890699	1	0.057	0.055
0.63162972	1	-0.9303926	0.09265961	1	0.152	0.102
0.34981515	1	-1.4364576	0.08723542	1	0.029	0.031
0.0766818	1	0.47466167	0.00400556	1	0.4	0.354
0.00094294	1	0.07853294	0.8032405	1	0.571	0.654
0.17897515	1	-0.5996071	0.02693103	1	0.019	0.031
0.84298577	1	-0.4884557	0.92909679	1	0.114	0.142
0.01621721	1	8.83296465	0.16448785	1	0	0.024
0.57436691	1	0.68264767	0.62852883	1	0.019	0.016
0.16745907	1	10.3064559	0.02728712	1	0.01	0.008
0.49848215	1	-9.7008002	0.04168349	1	0	0.008
0.08321644	1	-0.0783409	0.63409052	1	0.238	0.291
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.32236885	0.33569097	1	0	0
0.30268934	1	-0.3016822	0.60796497	1	0.029	0.024
0.66600965	1	0.8115367	0.27072073	1	0.057	0.055
0.01621721	1	-0.0465426	1	1	0	0.024

0.21141637	1	-0.9321353	0.9604081	1	0.01	0
0.90138752	1	0.17321365	0.78139065	1	0.076	0.047
0.00670468	1	1.57695663	0.01982331	1	0	0.071
0.37877845	1	-0.13235	0.88438795	1	0.238	0.15
0.09915013	1	-0.4664143	0.88523337	1	0.105	0.181
0.02957898	1	-0.4011819	0.18461469	1	0.219	0.165
0.00208057	1	0.24381873	0.14245405	1	0.457	0.465
1	1	-0.0465426	1	1	0	0
0.58202349	1	-0.1281337	0.43548228	1	0.21	0.165
0.18974652	1	-0.0327167	0.95940302	1	0.438	0.307
0.17565921	1	0.14097102	0.85269325	1	0.029	0.055
8.24E-08	0.00227455	0.623013	0.00016823	1	0.61	0.732
0.00615041	1	0.17105096	0.21792072	1	0.286	0.283
0.21141637	1	0.43876952	0.34349999	1	0	0
1	1	-0.0465426	1	1	0	0
0.96461538	1	-0.1094261	0.57209533	1	0.019	0.016
0.64367666	1	-7.5866057	0.31142884	1	0	0.008
4.16E-10	1.15E-05	-0.0776946	0.64185685	1	0.21	0.276
0.47413309	1	-6.5026591	0.31142884	1	0	0
0.60865187	1	-0.1145631	0.9199071	1	0.076	0.063
0.34577732	1	-0.1145409	0.7853209	1	0.019	0.031
0.95619495	1	1.26495298	0.02615118	1	0.01	0.031
0.47413309	1	0.97185492	0.58351143	1	0	0
0.06436155	1	0.77645937	0.33954704	1	0	0.063
0.34908974	1	-0.7631772	0.73409425	1	0	0.031
0.47413309	1	1.06581194	0.19168897	1	0	0
0.0990826	1	0.99191796	0.08886484	1	0	0.008
0.53357013	1	-0.8478571	0.41914011	1	0.105	0.094
0.49402414	1	-0.6526467	0.03237149	1	0.286	0.213
0.0543444	1	0.77881312	0.49010599	1	0.095	0.102
0.00029807	1	0.0410397	0.82514035	1	0.629	0.732
0.02674135	1	-0.0710782	0.93045036	1	0.076	0.087
0.47413309	1	-2.602865	0.98178118	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.30884832	1	-7.8760825	0.15105729	1	0.01	0
0.01621721	1	-0.0465426	1	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.14820265	1	-0.5978965	0.78740547	1	0	0
0.17816281	1	-0.8061373	0.08444294	1	0.01	0.063
0.47413309	1	-7.4708351	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.08666083	1	1.9139981	0.0561371	1	0.048	0.039
1	1	-0.0465426	1	1	0	0

0.08630834	1	-0.0064569	0.44642751	1	0.2	0.134
7.70E-07	0.02123745	-0.3524316	0.26631258	1	0.114	0.063
0.11924192	1	0.11041448	0.97822368	1	0.2	0.205
0.40953536	1	-0.1862833	0.65597565	1	0	0.031
0.27765436	1	-0.6578953	0.4517937	1	0.019	0.039
0.62010994	1	0.2463368	0.56337368	1	0	0.024
0.08951575	1	-0.1845699	0.74318401	1	0.067	0.15
1	1	-0.0465426	1	1	0	0
0.4761056	1	-0.0641706	0.64661759	1	0.086	0.087
0.00667845	1	0.94889851	0.01164066	1	0.152	0.173
0.21141637	1	-9.3139491	0.07816392	1	0.01	0
0.51970183	1	0.13443113	0.71243944	1	0.314	0.244
0.20018867	1	0.15164331	0.66426999	1	0.029	0.055
0.7983938	1	0.10297235	0.51445741	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.71841191	0.98225045	1	0.01	0
0.85237562	1	-0.8972794	0.09784156	1	0.181	0.181
0.39902155	1	0.39416058	0.51973015	1	0.067	0.039
1	1	-0.0465426	1	1	0	0
0.21141637	1	-3.3853132	0.29853994	1	0	0
0.21492936	1	-0.2457733	0.84280829	1	0.152	0.181
1	1	-0.0465426	1	1	0	0
0.10536053	1	-1.1974853	0.69131702	1	0.01	0
0.69582472	1	0.78739104	0.24600494	1	0.029	0.031
0.30884832	1	-2.1529664	0.54257632	1	0	0
0.08892124	1	-0.2973276	0.74394025	1	0	0.039
0.40432858	1	0.05304369	0.87992779	1	0.514	0.441
0.3595051	1	-0.1771896	0.65882007	1	0.076	0.11
0.05012925	1	-0.0465426	1	1	0	0.016
0.568216	1	-0.9086659	0.59425174	1	0.124	0.047
1	1	6.67013997	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.47902498	0.32710281	1	0	0
0.69601219	1	-1.054011	0.62361645	1	0.019	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.00542594	1	-0.0465426	1	1	0	0.031
1	1	-0.0465426	1	1	0	0
0.69180038	1	-0.2039108	0.97096043	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	8.12888926	0.32710281	1	0	0.016
1	1	6.81286223	0.32710281	1	0	0

0.64367666	1	-9.3827578	0.31142884	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.950038	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-1.0088085	0.58671897	1	0.029	0.008
0.16745907	1	4.64722057	0.32710281	1	0	0.008
0.58006189	1	-0.691104	0.51245912	1	0.181	0.134
0.0017719	1	-0.3764596	0.17197413	1	0.238	0.252
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1248339	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.30884832	1	-0.678194	0.68901619	1	0.01	0
0.66145529	1	-0.2607621	0.91744921	1	0.076	0.039
0.63792001	1	0.60312407	0.98633536	1	0	0.008
0.00973711	1	0.13134012	0.76011608	1	0.133	0.063
0.40725211	1	-0.4357788	0.75014059	1	0.019	0.102
0.10702762	1	0.3902577	0.74003494	1	0.019	0.016
0.78265522	1	0.38957895	0.97096043	1	0.01	0.016
0.47413309	1	-7.6072073	0.31142884	1	0	0
0.34133672	1	-1.0487649	0.0300299	1	0.457	0.244
0.41615136	1	0.28664726	0.18076738	1	0.048	0.031
0.02081112	1	-0.3920475	0.31862543	1	0.029	0.047
0.02102196	1	-0.684731	0.28475039	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.13910869	1	-0.2029358	0.62602973	1	0.21	0.157
0.30884832	1	-0.4082471	0.54567368	1	0	0
0.47413309	1	-0.4645503	0.98178118	1	0	0
0.02343928	1	-0.7597648	0.55645879	1	0.048	0.039
0.30884832	1	-0.914322	0.97257202	1	0	0
0.30203973	1	-0.1314586	0.54594654	1	0.238	0.165
1	1	-0.0465426	1	1	0	0
0.36620968	1	0.20091383	0.60119856	1	0	0.008
0.63792001	1	-7.3765422	0.31142884	1	0	0.008
0.98163398	1	0.7686403	0.97579778	1	0	0.008
0.55026553	1	0.17473556	0.8893652	1	0.086	0.118
0.53056451	1	0.29281068	0.12144424	1	0.39	0.386
6.45E-05	1	0.01135555	0.91757212	1	0.095	0.142
1	1	7.9322038	0.32710281	1	0	0
0.14820265	1	0.2710494	0.77699816	1	0.019	0
0.09411013	1	0.55023237	0.27827652	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.56885269	1	-2.1769534	0.13952201	1	0.029	0.016

0.08207267	1	0.37961135	0.05373804	1	0.067	0.055
0.49524626	1	-0.085951	0.7811564	1	0.038	0.008
0.96826136	1	0.02500282	0.87437553	1	0.219	0.205
0.03270607	1	0.30662203	0.13963342	1	0.086	0.181
0.64367666	1	1.5832148	0.58351143	1	0.01	0.008
0.00086076	1	0.27874465	0.27398259	1	0.114	0.11
0.01448452	1	-0.3714213	0.26176844	1	0.152	0.134
0.49051919	1	-0.0208595	0.38562055	1	0.105	0.063
2.54E-10	7.00E-06	0.84240996	7.03E-07	0.01939945	0.762	0.724
1	1	-0.0465426	1	1	0	0
1	1	9.92181121	0.04861576	1	0	0
0.07758438	1	0.07307997	0.65638774	1	0.086	0.071
0.69601219	1	0.77367896	0.73699075	1	0	0.008
0.50172925	1	-0.4497504	0.78323788	1	0	0.008
0.01536376	1	-1.543376	0.10802753	1	0.067	0
0.18747006	1	-0.9726695	0.30844421	1	0.114	0.071
0.50273372	1	1.35966885	0.2742181	1	0.029	0.016
0.0890797	1	0.04465515	0.78338776	1	0.048	0.039
0.14547486	1	0.68539073	0.1870476	1	0.133	0.118
1	1	-0.0465426	1	1	0	0
0.01016261	1	-0.196237	0.7207798	1	0.79	0.638
0.02076747	1	0.12004468	0.38222815	1	0.162	0.094
0.03144828	1	-0.0351987	0.90727443	1	0.19	0.181
0.63544006	1	-1.1377542	0.06794032	1	0.152	0.094
1	1	-0.0465426	1	1	0	0
8.88E-05	1	-0.484454	0.35146114	1	0.162	0.102
0.38104913	1	-0.4380688	0.7451261	1	0.019	0.024
0.41247808	1	-1.3664871	0.95777103	1	0.01	0.024
0.96089352	1	0.00208338	0.7811564	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.14820265	1	-1.8091664	0.38499722	1	0	0
0.47413309	1	1.88810162	0.19045963	1	0	0
0.5793423	1	-0.1645772	0.58657966	1	0.238	0.299
1	1	7.97136696	0.32710281	1	0	0
0.19197274	1	-0.4000379	0.8624579	1	0.086	0.039
0.00340888	1	0.57149598	0.05941993	1	0.029	0.094
0.34093034	1	-1.2402413	0.27114996	1	0.019	0.063
0.11412832	1	-0.5127289	0.37305358	1	0.029	0.024
0.00113336	1	-1.0466365	0.25084323	1	0.019	0.016
0.04918387	1	0.13402514	0.1473605	1	0.067	0.087
0.16745907	1	7.66311566	0.32710281	1	0	0.008
0.00596622	1	-0.0281652	0.62229785	1	0.457	0.362
0.00273458	1	0.69808641	0.01176348	1	0.076	0.197

0.18173646	1	-0.6765742	0.07441985	1	0.133	0.126
1	1	-0.0465426	1	1	0	0
0.63792001	1	0.38579033	0.98633536	1	0	0.008
1	1	7.55873959	0.32710281	1	0	0
0.09411013	1	-4.6925139	0.54257632	1	0	0.031
0.4232118	1	-0.3993436	0.5163119	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.12639843	1	0.08656515	0.15104835	1	0.152	0.142
1	1	-0.0465426	1	1	0	0
3.33E-05	0.91846421	0.7773456	0.02918673	1	0.133	0.22
1	1	-0.0465426	1	1	0	0
0.34981515	1	-0.8071816	0.23761171	1	0.01	0.031
0.00200622	1	0.07011542	0.41782838	1	0.895	0.921
0.61037624	1	0.3509444	0.94075674	1	0.029	0.047
0.86985779	1	0.21277969	0.36820155	1	0.362	0.331
0.47413309	1	-7.5831567	0.31142884	1	0	0
0.83774189	1	-3.1181937	0.09144775	1	0	0.024
1	1	8.7366882	0.16448785	1	0	0
0.43873917	1	-0.1121805	0.4166711	1	0.638	0.606
3.28E-05	0.90433476	0.45671248	0.16213345	1	0.362	0.52
1	1	-0.0465426	1	1	0	0
1	1	8.90943712	0.16448785	1	0	0
1	1	8.45520015	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.13998636	1	-1.0658043	0.36089515	1	0.029	0.008
3.41E-07	0.00941893	0.31573907	0.0239542	1	0.733	0.756
0.5301294	1	0.02531084	0.86153246	1	0.2	0.126
0.07302372	1	-0.6086486	0.08102702	1	0.133	0.134
0.53205889	1	-0.3137711	0.59771479	1	0.029	0.031
0.00234771	1	0.02069349	0.54321681	1	0.276	0.315
1	1	7.59022559	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.09418307	1	0.45471038	0.26160792	1	0.076	0.031
0.20852167	1	0.53455323	0.11465497	1	0.295	0.244
0.34754006	1	0.34517435	0.29668349	1	0.305	0.26
0.05012925	1	8.32501329	0.16448785	1	0.019	0.016
0.01909207	1	1.34198907	0.01853134	1	0.114	0.134
1	1	10.4073166	0.04861576	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.0755948	1	0.76091739	0.17515177	1	0.01	0
0.47413309	1	1.77784491	0.33164578	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	-1.2322328	0.54567368	1	0	0.008
0.5535738	1	-0.6916187	0.60197492	1	0.067	0.071
0.06350616	1	-0.0366092	0.94870875	1	0.495	0.48
0.97946638	1	-0.0952874	0.85122855	1	0.314	0.165
0.00209216	1	0.08639193	0.256022	1	0.286	0.331
1	1	-0.0465426	1	1	0	0
0.01621721	1	-0.0465426	1	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.50168634	1	-0.0643232	0.89217876	1	0.305	0.315
0.00534236	1	0.37736082	0.00234689	1	0.876	0.795
1	1	-0.0465426	1	1	0	0
8.14E-05	1	0.23095001	0.12801562	1	0.505	0.575
0.08618453	1	-0.0418502	0.74952685	1	0.467	0.465
0.35638517	1	-0.5257118	0.69131702	1	0.029	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.00647051	1	-0.2326425	0.63351113	1	0.857	0.772
0.29911901	1	-1.4944832	0.44491762	1	0.01	0.039
1	1	-0.0465426	1	1	0	0
0.69582472	1	1.0055182	0.80242538	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.44275834	1	0.0320549	0.7267962	1	0.19	0.126
0.16745907	1	-0.0465426	1	1	0	0.008
0.22785035	1	-0.7383275	0.26049518	1	0.095	0.063
0.69601219	1	-0.2258968	0.96568352	1	0.019	0.008
0.62930386	1	0.87738794	0.27001053	1	0	0.024
0.30884832	1	-9.1726716	0.15105729	1	0	0
0.47413309	1	-9.1399767	0.31142884	1	0	0
0.77674056	1	-0.0387023	0.38238903	1	0.067	0.071
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.0755948	1	-3.7254331	0.05091781	1	0	0
0.96089352	1	-9.6231226	0.04168349	1	0.038	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.79409859	0.32710281	1	0	0
0.54936938	1	0.204831	0.194401	1	0.038	0.047
0.94353696	1	0.62437425	0.08278392	1	0.019	0.024

0.16988085	1	0.0832507	0.6924501	1	0	0.063
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.42068077	1	0.23281359	0.02663689	1	0.086	0.079
0.5004383	1	-0.1372489	0.35564644	1	0.124	0.118
0.47413309	1	3.16406485	0.02130955	1	0.019	0
0.84260028	1	0.56488555	0.72087589	1	0.029	0.039
0.47413309	1	0.83252228	0.98633536	1	0	0
0.20714991	1	0.45631672	0.85748612	1	0.067	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.04778716	1	-0.1436551	0.87680833	1	0.086	0.031
0.47413309	1	0.46324561	0.58671897	1	0.01	0
0.78606459	1	-0.096173	0.60759553	1	0.248	0.213
0.5612965	1	0.45032336	0.75209718	1	0.01	0.039
0.44856863	1	0.42205714	0.3040453	1	0.124	0.087
0.0159672	1	0.27879572	0.30268065	1	0.59	0.606
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-0.6847193	0.96304561	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.11908801	0.32710281	1	0	0
0.05288796	1	-0.2074477	0.76033308	1	0.01	0.008
0.50384932	1	0.42431153	0.11359513	1	0.105	0.102
0.21141637	1	-0.0629161	0.51260639	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.85679766	1	0.07662339	0.61106679	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50825689	1	0.06892815	0.77907649	1	0.029	0.008
0.47413309	1	1.61919432	0.58031208	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.70023339	1	-3.2691275	0.29853994	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
3.46E-11	9.54E-07	0.92172779	3.17E-09	8.74E-05	0.4	0.583
0.47413309	1	-5.9265049	0.31142884	1	0	0
3.98E-16	1.10E-11	0.78559994	1.14E-11	3.14E-07	0.505	0.654
0.09158561	1	0.17720488	0.19152717	1	0.438	0.433
0.95059916	1	-0.4540054	0.93489251	1	0.124	0.047

0.43149711	1	-0.173849	0.95023422	1	0.067	0.039
0.78265919	1	-0.183692	0.68241021	1	0.448	0.362
0.09845849	1	-0.2016763	0.77394086	1	0.152	0.236
0.20744459	1	0.0558852	0.66217803	1	0.095	0.094
0.03852875	1	-0.5423784	0.04015619	1	0.114	0.11
0.05458447	1	-0.8011883	0.51733355	1	0.01	0
0.73785725	1	-1.6322888	0.05059871	1	0.029	0.039
0.00617644	1	0.58097113	0.03760417	1	0.076	0.071
0.16531549	1	-0.0171559	0.68530695	1	0.086	0.094
0.03824658	1	0.08257252	0.78336647	1	0.486	0.543
0.21125967	1	0.50851239	0.49968221	1	0.038	0.055
0.19376003	1	-0.2926576	0.45468968	1	0.048	0.126
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.4458019	0.9693467	1	0.019	0
0.0020811	1	0.22238291	0.8481358	1	0.41	0.512
1	1	-0.0465426	1	1	0	0
0.49524626	1	0.50610061	0.77907649	1	0.01	0.008
0.24797287	1	-0.9637899	0.37493068	1	0.038	0.039
0.23371471	1	-0.1591765	0.93524774	1	0.333	0.409
0.55898995	1	0.27855695	0.72073193	1	0.048	0.055
0.21141637	1	-0.199262	0.75091068	1	0.029	0
0.19233053	1	1.45292265	0.25620834	1	0.01	0.008
0.47413309	1	0.87685899	0.98633536	1	0	0
1.48E-05	0.40783056	-0.0829712	0.67441842	1	0.381	0.299
1	1	-0.0465426	1	1	0	0
0.02134645	1	-0.007157	0.96646424	1	0.648	0.52
0.47413309	1	-6.8129155	0.31142884	1	0	0
0.14502886	1	-0.0771813	0.83191156	1	0.257	0.228
6.40E-05	1	0.32969085	0.07901344	1	0.752	0.811
0.85860999	1	0.32938443	0.31225047	1	0.238	0.181
0.47413309	1	-9.7061005	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.05441888	0.08811101	1	0	0
1	1	8.12888926	0.32710281	1	0	0
1	1	7.19329602	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.33480607	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.72821314	1	0.08938017	0.74896054	1	0.029	0.039
0.49390131	1	1.43946133	0.00276722	1	0.01	0.024
0.25643933	1	0.00728982	0.31737543	1	0.124	0.213
0.80162063	1	-0.0444179	0.98130858	1	0.448	0.52

0.80989282	1	0.65492925	0.00020782	1	0.476	0.441
1	1	-0.0465426	1	1	0	0
0.96089352	1	0.42023488	0.08232549	1	0.01	0.016
0.16719191	1	-0.5295226	0.69947161	1	0	0.024
0.92244774	1	-0.5757284	0.73928994	1	0.019	0.039
0.69210187	1	-1.1746125	0.11074833	1	0.048	0.055
0.08281581	1	0.18927848	0.26564902	1	0.305	0.276
0.08480527	1	0.18950341	0.21407637	1	0.238	0.307
1	1	-0.0465426	1	1	0	0
3.34E-07	0.00921031	0.46107589	0.04654494	1	0.095	0.173
0.42831468	1	0.61412676	0.21009916	1	0.086	0.087
6.96E-07	0.01921182	-0.0312179	0.85425971	1	0.114	0.11
0.98163398	1	0.02968384	0.97902395	1	0	0.008
0.21141637	1	-9.8360289	0.07816392	1	0.01	0
0.93595631	1	-0.1572235	0.6979407	1	0.181	0.173
0.02592401	1	0.03223444	0.96169156	1	0.305	0.378
0.903944	1	-0.2065152	0.99952572	1	0.086	0.094
1	1	-0.0465426	1	1	0	0
1	1	8.59574442	0.32710281	1	0.01	0
0.23644964	1	-0.0020682	0.98633536	1	0.01	0.016
0.63792001	1	-7.8922998	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.97206132	1	0.04077903	0.96678408	1	0.019	0.016
0.05012925	1	-0.0465426	1	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.30029129	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.57713347	1	-1.1104913	0.29235171	1	0.019	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.6210181	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.5737467	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.63546533	1	0.9324754	0.02044548	1	0.019	0.024
0.92490532	1	1.53288654	0.0048291	1	0.095	0.079
0.21141637	1	-0.8266958	0.51260639	1	0.01	0
2.09E-05	0.57548125	-0.4848335	0.2408903	1	0.019	0.079
1	1	-0.0465426	1	1	0	0
0.00209043	1	0.15196478	0.121348	1	0.486	0.433
0.16745907	1	-0.0465426	1	1	0	0.008

0.47413309	1	-7.687866	0.31142884	1	0	0
0.47413309	1	-6.8952857	0.31142884	1	0	0
1	1	9.13454704	0.16448785	1	0	0
0.01877564	1	0.42690185	0.34461824	1	0.267	0.197
0.17069124	1	-0.974538	0.38363196	1	0.029	0.039
0.42787999	1	0.95769747	0.37018737	1	0.019	0.031
0.66959353	1	-0.0554444	0.95096188	1	0.286	0.252
0.43096392	1	0.02120166	0.1843807	1	0.229	0.323
0.80425179	1	-1.2181463	0.73374472	1	0.038	0.047
0.97798909	1	0.27834477	0.42332823	1	0.2	0.244
0.7514847	1	0.17245875	0.87167103	1	0.143	0.126
0.10158702	1	0.32715722	0.18466858	1	0.152	0.197
0.00827874	1	-0.9182631	0.47480748	1	0.048	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.7697253	0.31142884	1	0.01	0
0.23644964	1	2.55785934	0.32963505	1	0	0.016
0.47413309	1	1.07749689	0.98633536	1	0	0
0.00672085	1	0.17127416	0.36067973	1	0.324	0.346
0.95666898	1	0.00853565	0.93212999	1	0.181	0.173
0.41113701	1	-0.7707516	0.38363196	1	0.086	0.055
0.30884832	1	-9.1401733	0.15105729	1	0	0
0.57550326	1	-0.2764573	0.99557209	1	0.114	0.079
0.06552212	1	-0.0457073	0.58809648	1	0.333	0.37
1	1	9.39080024	0.16448785	1	0	0
0.36620968	1	0.22469847	0.46221962	1	0.067	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.07868323	0.33366442	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.73406759	0.98633536	1	0.01	0
0.30884832	1	-8.3399058	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.52410323	1	-0.793709	0.23888287	1	0.048	0.079
0.33754266	1	0.30043133	0.40150959	1	0.01	0.031
0.04999323	1	-0.044719	0.81147752	1	0.21	0.189
0.44506758	1	0.00739788	0.86240892	1	0.114	0.157
0.00198006	1	0.1475319	0.30332219	1	0.067	0.134
1	1	-0.0465426	1	1	0	0
1.53E-05	0.42217352	-0.028641	0.97080983	1	0.152	0.213
0.00484924	1	-0.8171157	0.69858257	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.72022766	1	0.27736955	0.13608749	1	0.429	0.37

0.1836999	1	0.15603034	0.11039943	1	0.076	0.071
0.98163398	1	-0.7997495	0.54877979	1	0.01	0.008
0.47413309	1	-8.7402123	0.31142884	1	0	0
0.49910514	1	-0.5509497	0.54877979	1	0	0.016
0.47154736	1	-0.4990725	0.11864073	1	0.152	0.134
0.58444167	1	-0.3592579	0.76562834	1	0.095	0.087
0.64367666	1	0.42844606	0.98633536	1	0	0.008
0.47413309	1	-7.2885347	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	9.01351845	0.32710281	1	0	0
0.49910514	1	0.57077984	0.98225045	1	0.01	0.016
0.69180038	1	-1.7549533	0.30231602	1	0	0.008
0.70349985	1	-0.2905072	0.13109229	1	0.61	0.488
0.54780316	1	-0.1052529	0.51705419	1	0.038	0.079
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.28599203	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.77873416	1	-10.102516	0.07816392	1	0	0.016
7.42E-05	1	-0.5208063	0.07130801	1	0.324	0.157
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.04115776	1	0.07726104	0.98210513	1	0.19	0.094
0.28109571	1	-0.2904338	0.61168627	1	0.533	0.417
0.00577777	1	0.04214056	0.94708083	1	0.619	0.614
0.63102686	1	-0.000418	0.74138522	1	0.057	0.063
0.07814101	1	0.02915505	0.91620323	1	0.105	0.024
0.97638791	1	-0.0497095	0.97579778	1	0.019	0.008
0.63748356	1	-0.0088612	0.73445535	1	0.067	0.063
0.26867755	1	-0.1610622	0.72444696	1	0.01	0.008
0.5063762	1	0.48642624	0.27691919	1	0.01	0.016
0.40734133	1	-0.5372741	0.74687836	1	0.038	0.094
0.40443314	1	0.10279638	0.79245146	1	0.276	0.252
0.00219702	1	0.04414379	0.628461	1	0.381	0.504
1	1	-0.0465426	1	1	0	0
0.30799833	1	-0.7640858	0.33572276	1	0.019	0.031
0.16745907	1	-0.0465426	1	1	0.029	0.008
1	1	5.45342005	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.75583725	1	-0.0303917	0.51753149	1	0	0.024
0.47413309	1	-7.6722679	0.31142884	1	0.01	0

0.24332986	1	-0.4775433	0.40348894	1	0.019	0.016
0.47323842	1	-0.0719935	0.67054672	1	0.41	0.354
0.75197797	1	1.79339747	0.04154352	1	0.019	0.016
0.63422575	1	-0.6243198	0.15284236	1	0.152	0.087
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.91789995	1	-0.5210072	0.7247205	1	0.086	0.071
0.97114286	1	-1.698167	0.9693467	1	0	0.008
1	1	6.67013997	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.52517752	1	-0.3821345	0.42673561	1	0.114	0.102
0.99202597	1	-0.2676452	0.3971804	1	0.057	0.118
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.19677103	1	0.43984127	0.06100027	1	0.238	0.228
0.81416618	1	-0.0451464	0.92191585	1	0.105	0.047
0.38889127	1	0.20576132	0.67115041	1	0.076	0.126
0.52260175	1	0.1757022	0.21933802	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
0.16745907	1	10.356269	0.02728712	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.34343351	1	0.31734613	0.85720672	1	0.067	0.016
0.06587177	1	-0.0059552	0.93184128	1	0.01	0.016
0.08548864	1	-7.3483951	0.31142884	1	0	0.024
0.47413309	1	2.8346347	0.58031208	1	0.01	0
0.30884832	1	0.90156658	0.97579778	1	0.019	0
0.30298253	1	0.09366949	0.47922715	1	0.076	0.134
0.47554208	1	-0.4413453	0.86782623	1	0.029	0.071
1	1	-0.0465426	1	1	0	0
0.47413309	1	2.18837134	0.33164578	1	0.01	0
0.30884832	1	2.10870988	0.26887006	1	0.029	0
0.64367666	1	-8.4602568	0.31142884	1	0	0.008
0.51003251	1	0.28769201	0.44163055	1	0	0.016
0.8424549	1	-0.453233	0.84889538	1	0.076	0.087
0.1809852	1	-0.2962412	0.07155199	1	0.362	0.37
1	1	-0.0465426	1	1	0	0
0.77481873	1	0.55914794	0.34349999	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.4417051	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.69180038	1	-9.4569227	0.07816392	1	0	0.008
0.86145977	1	-0.377239	0.90459873	1	0.029	0.055

0.40982008	1	1.43266431	0.21857797	1	0.019	0.024
0.58757157	1	0.12225519	0.56571181	1	0.067	0.079
0.57436691	1	1.22076168	0.1669885	1	0.029	0.016
0.48413596	1	0.50880912	0.60101542	1	0.067	0.079
0.21141637	1	-1.3059076	0.62618056	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-0.594416	0.9693467	1	0.019	0.008
0.28982852	1	-0.3883405	0.77707395	1	0.029	0.024
0.78084345	1	0.23897184	0.66724596	1	0.019	0.024
0.28858164	1	-0.3938928	0.86833571	1	0.067	0.047
1	1	-0.0465426	1	1	0	0
0.06033252	1	-1.1093857	0.59933872	1	0.038	0.024
0.93685013	1	-0.609196	0.28567321	1	0.01	0.039
1	1	-0.0465426	1	1	0	0
0.95766795	1	0.02637053	0.65693363	1	0.133	0.118
0.2283526	1	-0.0664469	0.61983753	1	0.124	0.142
0.00638542	1	-0.2892988	0.75695614	1	0.076	0.173
0.62773328	1	-0.3491649	0.93641431	1	0.076	0.134
0.59842774	1	0.03712284	0.75989884	1	0.19	0.134
0.47413309	1	1.16038137	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.25104721	1	-1.0652643	0.35565491	1	0.095	0.039
0.47413309	1	0.44184675	0.58671897	1	0	0
1	1	-0.0465426	1	1	0	0
0.76092549	1	-0.879887	0.39521817	1	0.01	0.031
0.37133061	1	0.27312212	0.21376817	1	0.067	0.102
0.15447641	1	-0.4022515	0.30630855	1	0.048	0.063
0.55448391	1	0.15165153	0.42778403	1	0.095	0.165
0.94646819	1	-1.2181519	0.43092041	1	0.057	0.047
0.10536053	1	-0.6573427	0.69331672	1	0.01	0
0.03460803	1	1.47165966	0.11656826	1	0.048	0.055
0.49180172	1	0.07649788	0.86458127	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.95271634	1	-0.029589	0.77451593	1	0.41	0.425
0.08092587	1	0.13986567	0.13335718	1	0.095	0.079
0.12963279	1	-2.8217489	0.00133857	1	0.057	0.039
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.38988795	0.58671897	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.55296615	1	-0.7230932	0.45283539	1	0.029	0.039
0.00362584	1	-0.2306116	0.43174341	1	0.171	0.157
1	1	9.88442373	0.08811101	1	0	0
0.47413309	1	0.70519733	0.98633536	1	0	0

0.63792001	1	-8.3849881	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.32344247	1	0.82959545	0.22246416	1	0.057	0.016
0.1120633	1	1.14664313	0.00244197	1	0.105	0.087
0.43675604	1	-0.2478912	0.49612366	1	0.171	0.165
0.02756012	1	0.43236948	0.02507409	1	0.533	0.512
1.15E-07	0.00317809	-0.4971242	0.14518539	1	0.124	0.094
0.93610593	1	-0.5060633	0.38584359	1	0.057	0.063
0.11045165	1	-0.2814057	0.28201836	1	0.2	0.252
0.02799776	1	-0.0249287	0.52799442	1	0.238	0.173
0.00125621	1	0.04723199	0.93646877	1	0.105	0.11
1.56E-06	0.04292518	-0.1730937	0.9012588	1	0.286	0.276
0.98963003	1	-0.2170872	0.24597576	1	0.248	0.228
0.63792001	1	-7.3578666	0.31142884	1	0	0.008
0.43979882	1	-0.3259409	0.78080999	1	0.038	0.031
0.34208846	1	-0.0508231	0.70606632	1	0.124	0.142
0.26501366	1	-0.6761586	0.74512904	1	0	0.016
0.64367666	1	2.22207828	0.11067966	1	0.01	0.008
0.63792001	1	1.73752523	0.98633536	1	0	0.008
0.14820265	1	1.25826454	0.54955383	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	2.37337659	0.33164578	1	0	0
0.0755948	1	0.20062882	0.72444696	1	0	0
0.47413309	1	1.40616728	0.58351143	1	0	0
0.91153815	1	-0.7711162	0.01526094	1	0.038	0.087
0.08157996	1	-0.6727963	0.01494816	1	0.486	0.48
1	1	-0.0465426	1	1	0	0
1	1	7.60192751	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.9925798	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.69426103	0.32710281	1	0	0
1	1	8.87860127	0.16448785	1	0	0
0.16745907	1	9.01112486	0.16448785	1	0.01	0.008
1	1	5.42762774	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.089686	1	-0.4421891	0.65326292	1	0.076	0.126
0.66029988	1	-0.5498404	0.59558076	1	0.038	0.047
0.01867121	1	-0.1848961	0.74642995	1	0.105	0.031
1	1	-0.0465426	1	1	0	0
0.57713347	1	0.44392193	0.03976584	1	0.01	0.016
0.16240662	1	-0.0589081	0.86369679	1	0.21	0.157
0.84725861	1	-0.6655129	0.95689402	1	0.029	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.02002008	1	0.00659193	0.93795287	1	0.314	0.465
0.98029109	1	0.02033907	0.9587402	1	0.457	0.244
0.30884832	1	-8.7949082	0.15105729	1	0	0
0.30884832	1	1.00639397	0.97902395	1	0.01	0
0.10643705	1	-0.0914613	0.94349959	1	0.152	0.26
0.08050335	1	-0.0366642	0.91804467	1	0.581	0.543
0.05012925	1	7.90963655	0.32710281	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.23385587	1	-6.9434849	0.31142884	1	0	0.016
0.65597381	1	-1.9928727	0.06876596	1	0.019	0.047
0.07457214	1	0.05323683	0.58739999	1	0.105	0.15
1	1	9.08115845	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.00047191	1	-0.1647733	0.30033132	1	0.248	0.276
1	1	9.406041	0.16448785	1	0	0
1	1	7.68178285	0.32710281	1	0	0
0.17110962	1	1.31456244	0.18045467	1	0.048	0.039
0.44360564	1	0.44483903	0.20776014	1	0.314	0.22
0.34994225	1	2.23017699	0.03075979	1	0.019	0.031
0.08422626	1	-0.2375557	0.8458423	1	0.076	0.063
0.19629053	1	0.05963708	0.81074659	1	0.029	0.055
1	1	4.62806907	0.32710281	1	0	0
0.64367666	1	-7.2140127	0.31142884	1	0	0.008
0.47413309	1	-0.2638472	0.98178118	1	0	0
0.1652013	1	2.84353519	0.00099977	1	0.01	0.039
0.5063762	1	0.75734912	0.67308317	1	0	0.016
1	1	-0.0465426	1	1	0.01	0
0.21141637	1	-1.8089753	0.30042403	1	0.01	0
0.14820265	1	-0.5460175	0.78323788	1	0.019	0
0.00095943	1	-0.5169242	0.11828794	1	0.067	0.079
0.06538413	1	-0.7390063	0.1412715	1	0.067	0.071
0.72660831	1	0.02242334	0.94829678	1	0.21	0.205
0.02389105	1	-0.5329891	0.50988022	1	0.048	0.039

0.21425384	1	0.2308484	0.2624681	1	0.562	0.567
0.26352792	1	-0.8785492	0.72863728	1	0.019	0.016
0.7102306	1	-0.5857698	0.86145858	1	0.095	0.071
1	1	-0.0465426	1	1	0	0
0.25041479	1	1.16751338	0.23147063	1	0.038	0.016
0.13598727	1	-0.6390857	0.93713401	1	0	0.055
0.88645608	1	0.52349088	0.03167437	1	0.181	0.102
1	1	-0.0465426	1	1	0	0
0.58454069	1	0.22555653	0.20129264	1	0.238	0.252
0.68899903	1	0.31182612	0.12234826	1	0	0.102
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.51370259	1	1.93849284	0.16938386	1	0	0.016
0.84641002	1	-0.0648881	0.98595257	1	0.219	0.228
0.95717252	1	-0.9882268	0.79575884	1	0	0.016
0.68123189	1	0.19866184	0.05333295	1	0.295	0.299
1	1	-0.0465426	1	1	0	0
0.00119454	1	0.33199163	0.08846653	1	0.752	0.646
0.66704472	1	-0.3971327	0.20142647	1	0.095	0.126
0.39046099	1	-0.6285412	0.48661162	1	0.076	0.087
0.73208004	1	0.37632962	0.66403675	1	0.076	0.063
2.77E-13	7.63E-09	-0.1631883	0.23180158	1	0.324	0.346
0.2938852	1	-0.1599971	0.78228322	1	0.143	0.102
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.25473424	1	0.39424832	0.33077616	1	0.01	0.016
0.4438687	1	-0.7891919	0.33493829	1	0	0.016
0.47413309	1	-0.0741149	0.33569097	1	0	0
0.53765052	1	0.39015108	0.31397678	1	0.057	0.031
0.0442066	1	0.4677759	0.01706161	1	0.086	0.031
0.66631107	1	0.25712227	0.2713002	1	0.238	0.173
0.64367666	1	1.29414802	0.58031208	1	0.01	0.008
0.48242671	1	0.52989862	0.07244104	1	0.229	0.205
0.87672734	1	-0.1222686	0.57264729	1	0.429	0.402
0.23385587	1	3.31117466	0.10920768	1	0	0.016
0.02938427	1	0.46210152	0.38846184	1	0.152	0.142
0.67727103	1	-0.4510957	0.62682774	1	0.143	0.087
2.74E-06	0.07564829	-0.3762288	0.02423363	1	0.286	0.22
0.94442136	1	0.02352051	0.77510501	1	0.295	0.291
0.98252628	1	-0.8176939	0.48502118	1	0.048	0.071
0.30884832	1	0.62886201	0.44359701	1	0	0
0.00017265	1	0.11780453	0.3076288	1	0.629	0.732
1	1	-0.0465426	1	1	0	0

0.16637051	1	0.71419633	0.26898947	1	0.038	0.039
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.01214923	1	-0.0815728	0.51436927	1	0.81	0.732
0.47730664	1	-0.2039182	0.31825661	1	0.105	0.087
0.03059316	1	-0.4567337	0.03312107	1	0.105	0.205
0.47413309	1	-0.1183269	0.98178118	1	0	0
0.08548864	1	0.71273362	0.19168897	1	0	0.024
0.0755948	1	-1.8284042	0.05314146	1	0.019	0
0.71618563	1	0.5973427	0.09567937	1	0.095	0.094
0.09439554	1	0.38598757	0.09778074	1	0.086	0.094
0.0755948	1	-0.8321234	0.48789378	1	0	0
0.50273372	1	2.33591156	0.16584655	1	0	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
0.03201169	1	0.13800219	0.77197303	1	0.629	0.614
0.30884832	1	2.23926101	0.26622307	1	0.01	0
0.86316875	1	-4.3976367	0.23104175	1	0.029	0.024
1.09E-08	0.00030091	0.09703451	0.77505717	1	0.124	0.142
0.19122594	1	-0.3865883	0.76489336	1	0.124	0.079
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.6323814	1	0.53600546	0.77492143	1	0	0.024
0.38428208	1	0.64466811	0.13307258	1	0.086	0.071
0.76041103	1	-0.0485363	0.90878923	1	0.114	0.102
0.54689585	1	-0.10058	0.68733076	1	0.152	0.142
0.45019542	1	-0.3561643	0.38698185	1	0.219	0.157
0.9756638	1	0.60002458	0.01150331	1	0.114	0.331
0.16745907	1	9.34361892	0.16448785	1	0	0.008
0.76743288	1	0.10781384	0.94760145	1	0.124	0.118
0.61336601	1	0.86823694	0.06540746	1	0.048	0.047
0.05274368	1	-0.5485925	0.26665064	1	0.057	0.039
0.76879963	1	-0.3789827	0.74813074	1	0.067	0.063
0.50920216	1	0.11000377	0.58451854	1	0.286	0.26
0.37584753	1	-0.2035057	0.60769754	1	0.076	0.024
0.63792001	1	-0.5295911	0.98178118	1	0.01	0.008
0.30884832	1	-2.1067519	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	0.69013836	0.34349999	1	0.01	0
0.14797143	1	-0.311712	0.80253474	1	0.152	0.244
0.00015808	1	0.30843829	0.29663517	1	0.2	0.268
0.50698876	1	0.22915352	0.35590207	1	0.048	0.079
0.77148138	1	0.30942735	0.81713611	1	0.086	0.134
0.00123384	1	0.32504672	0.45604019	1	0.505	0.551

0.80875294	1	-0.5028662	0.21269581	1	0.181	0.189
0.98163398	1	-0.9288207	0.54567368	1	0.01	0.008
0.22305967	1	0.13839946	0.93811667	1	0.076	0.047
1	1	-0.0465426	1	1	0	0
0.2519339	1	-0.2088173	0.54327806	1	0.324	0.362
0.07418636	1	0.73088712	0.08089209	1	0.219	0.205
0.5063762	1	-8.84329	0.15105729	1	0.01	0.016
0.74661114	1	0.16309501	0.90476222	1	0.39	0.346
0.71997058	1	-0.3764061	0.51156941	1	0.019	0.063
1	1	-0.0465426	1	1	0	0
0.14338184	1	0.35023888	0.1858379	1	0.086	0.039
0.01098938	1	-0.3231141	0.81356922	1	0.067	0.039
0.98736629	1	0.11091811	0.26629109	1	0.19	0.205
0.78413259	1	-0.9664722	0.73222363	1	0.076	0.039
0.76450173	1	-0.3028575	0.64381328	1	0.057	0.094
0.72863921	1	0.29038054	0.3008311	1	0.076	0.134
0.99616359	1	-0.4268815	0.89954074	1	0.21	0.157
0.9898831	1	-0.2928019	0.87946964	1	0.029	0.071
0.5594979	1	0.41858144	0.3812603	1	0.095	0.071
1	1	-0.0465426	1	1	0	0
0.33306236	1	0.53524689	0.66306218	1	0.105	0.047
0.97114286	1	0.44877565	0.97579778	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8530346	0.31142884	1	0	0
1	1	8.49497639	0.32710281	1	0	0
0.64367666	1	1.70837062	0.33366442	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14501557	1	0.09037437	0.77866904	1	0.057	0.055
0.25952067	1	-0.0841057	0.72869615	1	0.057	0.079
0.34093034	1	0.81717983	0.04044589	1	0.038	0.063
0.07435209	1	-0.0226226	0.79646317	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.25937513	1	-0.7278405	0.43937544	1	0.067	0.079
0.27442255	1	0.79609897	0.15511505	1	0.095	0.087
0.30250555	1	0.30193553	0.58940868	1	0.038	0.071
0.20865427	1	0.04176074	0.75067983	1	0.076	0.118
0.75195231	1	0.65324533	0.01256623	1	0.2	0.134
0.00557309	1	0.33476685	0.02806209	1	0.219	0.244
0.54986792	1	0.36837737	0.48537281	1	0.01	0.031
0.18740519	1	-0.5831676	0.32750772	1	0.067	0.063
0.02239262	1	0.20957082	0.26471477	1	0.61	0.559
0.09138946	1	-0.4331681	0.68635085	1	0	0.031

0.00763823	1	0.26198599	0.15165026	1	0.61	0.614
0.05398743	1	0.16385555	0.88583021	1	0.533	0.488
1	1	-0.0465426	1	1	0	0
0.64367666	1	-9.0289531	0.31142884	1	0	0.008
0.7983938	1	-2.7035946	0.29853994	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.20156097	1	-0.2424672	0.97096043	1	0.019	0.031
0.23385587	1	-2.3177743	0.98178118	1	0	0.016
0.09148419	1	0.05561338	0.96757104	1	0.4	0.402
0.46050717	1	-0.5513331	0.59474185	1	0.114	0.11
0.81073685	1	-0.5918364	0.38318319	1	0.343	0.268
1	1	9.55959168	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.22102077	1	-0.2666992	0.3077677	1	0.552	0.457
0.69246162	1	0.28581695	0.39659215	1	0.171	0.205
0.76137315	1	0.01880764	0.67022717	1	0.029	0.024
0.44159353	1	-1.5493373	0.50672747	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	7.35804754	0.32710281	1	0	0
0.57268278	1	-0.4285392	0.61943109	1	0.067	0.063
0.35132939	1	0.64327431	0.10380738	1	0.048	0.047
0.00059587	1	-0.3158827	0.8564697	1	0.067	0.047
0.23066078	1	0.0309707	0.6851172	1	0.048	0.15
1	1	6.264871	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.05942811	1	-0.0883696	0.57774831	1	0.381	0.37
0.04226502	1	-0.5494836	0.26297757	1	0.029	0.039
0.68976572	1	-0.4825736	0.17000338	1	0.171	0.22
0.47413309	1	-7.8922998	0.31142884	1	0	0
0.78117198	1	-0.2493551	0.91214613	1	0.029	0.047
0.98129705	1	0.34975302	0.25234729	1	0.095	0.094
0.02208552	1	-0.3449793	0.35778387	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.90017989	1	-0.4327463	0.33523866	1	0.067	0.079
1	1	-0.0465426	1	1	0	0
1	1	7.51466123	0.32710281	1	0	0
0.26494833	1	0.23838528	0.63163263	1	0.038	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.07188008	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	3.4590413	0.32963505	1	0.019	0
0.51763401	1	-1.1318614	0.61768523	1	0.01	0.031

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.22377216	1	1.62945862	0.0555522	1	0	0.063
0.97114286	1	-1.9059572	0.54257632	1	0	0.008
0.7983938	1	0.69194707	0.97359938	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.00632261	1	-0.0710403	0.85803504	1	0.048	0.039
1	1	-0.0465426	1	1	0	0
0.78289094	1	-0.167507	0.8349751	1	0.133	0.134
0.47413309	1	-0.9879186	0.98178118	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.24496787	1	-0.2592542	0.64739859	1	0.076	0.126
0.64627728	1	0.76167225	0.25707312	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
0.00013721	1	-0.3078284	0.29724521	1	0.21	0.173
0.23644964	1	0.7718515	0.58351143	1	0	0.016
0.22307814	1	0.21138869	0.68635085	1	0	0.024
0.82509	1	0.67773275	0.59629158	1	0.01	0.024
0.0395935	1	0.94348878	0.38699488	1	0.01	0
0.57436691	1	-2.1662802	0.13722915	1	0	0.016
1	1	7.53885915	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.38349703	1	0.27781896	0.24885911	1	0.019	0.047
0.23906368	1	-1.8603478	0.98178118	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	4.64722057	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.52509477	1	-1.2326535	0.4517937	1	0.086	0.031
0.05012925	1	7.08917494	0.32710281	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.18244024	1	-1.5025325	0.1616976	1	0.01	0.016
0.13699731	1	-0.1112721	0.75460336	1	0.133	0.197
0.7226002	1	-0.3675667	0.63245311	1	0.143	0.165
0.35638517	1	-0.8179733	0.45006907	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.05012925	1	7.68425143	0.04861576	1	0	0.016
0.30884832	1	-9.7389034	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.57713347	1	0.05003013	0.63163263	1	0	0.016

0.24704014	1	0.05965387	0.40509875	1	0.276	0.283
0.25510308	1	0.05718902	0.35654962	1	0.162	0.142
0.41514627	1	-0.7475503	0.96304561	1	0.01	0.024
1	1	4.64722057	0.32710281	1	0.01	0
0.22698312	1	0.01723973	0.68368941	1	0.01	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.47356097	0.98633536	1	0	0
0.01589486	1	0.44898805	0.02500575	1	0.219	0.354
0.46261582	1	0.64326622	0.35984692	1	0.029	0.063
0.02373456	1	-0.2399679	0.91375839	1	0.038	0.063
0.74869428	1	-10.103396	0.02261846	1	0.019	0.016
0.68820265	1	0.43425794	0.87847771	1	0.029	0.039
6.48E-05	1	0.02820008	0.87611635	1	0.057	0.094
0.47413309	1	-6.8349806	0.31142884	1	0	0
0.64475494	1	-3.0706379	0.16486421	1	0.038	0.024
0.02220939	1	1.42681164	0.00079824	1	0.057	0.031
0.14820265	1	-0.3309411	0.95762876	1	0	0
1	1	-0.0465426	1	1	0	0
1.11E-08	0.00030531	0.082123	0.48660446	1	0.2	0.22
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	-9.888694	0.15105729	1	0	0.008
0.16745907	1	8.12351469	0.32710281	1	0	0.008
0.98150427	1	-0.1509492	0.89577696	1	0.238	0.22
0.2013575	1	0.19864053	0.08211674	1	0.448	0.425
0.10536053	1	0.00516927	0.80689665	1	0.01	0
0.51003251	1	-2.0905194	0.68901619	1	0	0.016
0.00426708	1	0.33052467	0.09543544	1	0.105	0.228
0.99878622	1	-0.1473111	0.18924727	1	0.219	0.173
0.30397023	1	-0.6225531	0.05702755	1	0.305	0.142
0.72667754	1	-0.8416185	0.02036367	1	0.181	0.181
0.46342987	1	-1.125534	0.23434227	1	0.076	0.039
0.79530617	1	-0.6007486	0.39287405	1	0.048	0.031
1	1	-0.0465426	1	1	0	0
0.57126834	1	0.01892327	0.8941256	1	0.505	0.472
0.47413309	1	2.47516428	0.58031208	1	0.01	0
0.69180038	1	-9.4260942	0.07816392	1	0	0.008
0.60180539	1	0.0417338	0.50116364	1	0.057	0.11
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.9415403	0.31142884	1	0	0

0.59312684	1	-0.7968779	0.87329302	1	0.01	0.039
0.50044134	1	0.95725467	0.78982268	1	0.01	0.031
1	1	7.14090549	0.32710281	1	0	0
0.17562623	1	0.18002232	0.31104682	1	0.067	0.031
1	1	6.43518338	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.81286223	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.96461538	1	0.14868463	0.68671581	1	0.019	0.016
0.80326398	1	-0.0762995	0.53422947	1	0.029	0.024
1	1	7.0622311	0.32710281	1	0	0
0.69180038	1	-1.308639	0.62361645	1	0	0.008
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.66311566	0.32710281	1	0	0
0.63057462	1	-0.5774308	0.22217747	1	0.019	0.024
0.30884832	1	-1.7913699	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.28588233	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.0146361	0.98178118	1	0	0
0.47413309	1	-1.149396	0.98178118	1	0.01	0
0.64367666	1	-6.9514531	0.31142884	1	0.019	0.008
0.23644964	1	-1.6164444	0.98178118	1	0	0.016
0.47413309	1	-5.9265049	0.31142884	1	0	0
0.08292266	1	0.34780656	0.13895634	1	0.162	0.197
1	1	-0.0465426	1	1	0	0
0.03801991	1	-0.1741754	0.43585958	1	0.305	0.189
0.07533812	1	0.96607975	0.02638789	1	0.086	0.118
0.03569974	1	0.2656727	0.6976381	1	0.114	0.079
0.84580282	1	-0.7422678	0.02213417	1	0.305	0.244
0.23094202	1	0.3655181	0.08485239	1	0.105	0.055
0.09049675	1	-1.4118004	0.9693467	1	0	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.7839527	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.72153615	0.58031208	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.2687669	0.58671897	1	0	0
1	1	-0.0465426	1	1	0	0
0.28842988	1	0.26566439	0.50210144	1	0.067	0.189
1	1	-0.0465426	1	1	0	0

0.1292608	1	0.21468277	0.81627674	1	0.105	0.071
0.40190742	1	0.80572079	0.34212101	1	0	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
0.2663051	1	-0.3765339	0.9879601	1	0.076	0.118
0.10536053	1	-0.4090098	0.70133678	1	0.01	0
0.49600569	1	-0.4916904	0.46277519	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.29168579	1	0.01389003	0.78835795	1	0.162	0.189
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.08207267	1	0.24172296	0.51375114	1	0.067	0.055
0.30884832	1	-8.7924458	0.15105729	1	0.01	0
0.28600575	1	-0.0419376	0.65589905	1	0.476	0.276
0.47413309	1	-7.5866057	0.31142884	1	0	0
0.63792001	1	-7.8024069	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.40517559	1	0.07713558	0.70572384	1	0.095	0.047
0.00631004	1	0.08562392	0.90818527	1	0.714	0.669
0.64131958	1	-1.0343592	0.01177525	1	0.095	0.087
0.23459205	1	0.18816048	0.63076407	1	0.124	0.126
0.70510495	1	-0.0425203	0.99646769	1	0.267	0.299
0.76580995	1	0.34883597	0.05170525	1	0.029	0.031
0.30852528	1	-2.1229931	0.02588878	1	0.01	0.024
0.21141637	1	-9.5951425	0.07816392	1	0	0
0.47413309	1	0.93146666	0.98633536	1	0	0
0.05458447	1	0.18831829	0.21525545	1	0	0
0.02832805	1	-1.2793966	0.21621391	1	0.01	0.008
0.77315408	1	-0.6724881	0.25422452	1	0.01	0.031
0.00482499	1	0.37987419	0.26372352	1	0.114	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.86762812	1	-0.0881603	0.52398527	1	0.01	0.031
0.61340112	1	0.83031074	0.82765772	1	0.01	0.024
0.44843905	1	0.05841432	0.20985934	1	0	0.016
0.79051383	1	0.8245225	0.05851029	1	0.029	0.016
2.17E-10	5.99E-06	0.29000101	0.02054045	1	0.152	0.244
0.47413309	1	0.15102606	0.98633536	1	0.01	0
0.10133683	1	-0.2406732	0.88537204	1	0.019	0.008
0.57713347	1	0.77864825	0.05495896	1	0.01	0.016
0.16745907	1	-0.0465426	1	1	0	0.008

0.00093954	1	0.57138737	0.00362378	1	0.514	0.535
0.64710604	1	-0.1198653	0.84606161	1	0.152	0.142
0.16745907	1	-0.0465426	1	1	0	0.008
0.00214587	1	-0.3260032	0.73196691	1	0.076	0.079
0.73835355	1	0.03908582	0.95185272	1	0.286	0.283
0.94611473	1	-0.8244055	0.73763681	1	0.057	0.047
0.12580789	1	0.67930291	0.01890034	1	0.105	0.189
0.02526626	1	-0.1221812	0.98322823	1	0.057	0.047
0.02733746	1	0.4193826	0.02977561	1	0.257	0.323
0.93071486	1	-0.9973068	0.03314272	1	0.105	0.197
0.61454267	1	0.23309826	0.38822514	1	0.114	0.087
0.9832009	1	1.1452105	0.08245864	1	0.029	0.024
0.43706329	1	0.1804907	0.38515882	1	0.01	0.016
0.00127303	1	-0.136038	0.68333953	1	0.067	0.094
0.09431043	1	-0.3169872	0.03832721	1	0.571	0.362
0.16745907	1	8.06529187	0.32710281	1	0.029	0.008
0.74541514	1	-0.6928122	0.61437208	1	0.01	0.016
0.00026236	1	-0.229442	0.59892721	1	0.067	0.071
0.20346548	1	-0.1602408	0.47891016	1	0.238	0.181
0.27553561	1	-0.0538602	0.89664408	1	0.162	0.181
0.03160473	1	0.82569732	0.07367905	1	0.133	0.15
0.13612062	1	-1.3189812	0.08515964	1	0.124	0.031
0.95619495	1	-0.2041755	0.75216516	1	0.019	0.031
0.00066368	1	-0.0364795	0.83701873	1	0.038	0.031
0.02698716	1	-0.1020156	0.65843506	1	0.095	0.165
0.03464294	1	-0.4477864	0.11818631	1	0.095	0.118
0.73130215	1	0.36136727	0.18267028	1	0.124	0.071
0.0395935	1	-2.1528272	0.04939537	1	0	0
0.95805013	1	0.80363457	0.01005451	1	0.267	0.165
0.04989795	1	0.68249903	0.5174258	1	0.057	0.079
0.07664827	1	-0.4638735	0.54915855	1	0.095	0.039
0.47413309	1	-8.4064971	0.31142884	1	0	0
0.0834342	1	-0.2650168	0.98178118	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.78265522	1	0.15618467	0.97359938	1	0.038	0.016
1	1	8.16793758	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.87037898	1	-1.3938679	0.07665528	1	0.029	0.071
0.61584182	1	0.17800298	0.54335695	1	0.038	0.024
0.30884832	1	0.31896564	0.97902395	1	0	0
0.50273372	1	-2.573524	0.54257632	1	0.029	0.016
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.90270984	1	-0.5956705	0.41920291	1	0.076	0.102
0.03249193	1	0.39999598	0.35817554	1	0.133	0.102
0.47413309	1	1.70317411	0.33164578	1	0	0
0.41432224	1	0.67918638	0.36162692	1	0.181	0.079
0.9323485	1	-3.5460079	0.01627283	1	0.01	0.031
0.61499283	1	-0.4042257	0.12768394	1	0.248	0.26
1	1	7.55873959	0.32710281	1	0	0
0.43109891	1	-0.3025568	0.74701271	1	0.019	0.055
0.30884832	1	-1.8520015	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
7.50E-07	0.02071149	-0.0616977	0.85280044	1	0.438	0.22
0.33754266	1	-0.6028318	0.67099324	1	0.067	0.031
1	1	-0.0465426	1	1	0	0
0.61819799	1	-0.3607935	0.69318144	1	0.076	0.063
0.50343534	1	0.6295531	0.00354064	1	0	0.047
0.63937105	1	0.92627819	0.0007683	1	0.038	0.213
0.79305752	1	0.96309554	0.43992282	1	0	0.039
0.2576425	1	0.27874521	0.57459234	1	0	0.016
0.00729741	1	-0.845653	0.01649068	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
0.00175285	1	0.11086141	0.62000203	1	0.038	0.094
0.00366555	1	0.35042902	0.11524907	1	0.057	0.094
0.00236862	1	-0.0425966	0.78389186	1	0	0.008
0.6482486	1	0.24644269	0.14627277	1	0.438	0.339
1	1	8.28588233	0.32710281	1	0	0
2.57E-14	7.09E-10	-0.1389366	0.31718047	1	0.19	0.157
0.95089159	1	1.54340898	0.03532127	1	0.038	0.031
0.56850008	1	0.52644908	0.20426719	1	0.048	0.055
1	1	-0.0465426	1	1	0	0
0.02187085	1	-0.9343287	0.02120419	1	0.095	0.063
0.45073421	1	-1.483581	0.50371829	1	0.019	0.016
0.96158432	1	0.30791719	0.51113609	1	0.343	0.236
0.27758037	1	0.13603923	0.68636599	1	0.114	0.134
0.13876077	1	0.08422447	0.47170699	1	0.029	0.071
0.30270668	1	0.03026307	0.22082673	1	0.238	0.205
0.16826958	1	-0.1993345	0.54833133	1	0.133	0.142
0.96196644	1	-0.5120957	0.54241828	1	0.076	0.134
0.29652252	1	-0.0137794	0.88465811	1	0.143	0.197
0.60699821	1	-0.0704087	0.89674132	1	0.152	0.197
0.03317505	1	-0.1663094	0.9654986	1	0.076	0.102
0.0086893	1	0.50213896	0.24383518	1	0.019	0.008

0.08653109	1	1.6392812	0.03707182	1	0.019	0.024
1	1	4.64722057	0.32710281	1	0	0
0.16745907	1	8.16171452	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.13705611	1	-0.6434534	0.60817474	1	0.143	0.063
1	1	-0.0465426	1	1	0	0
0.18821398	1	-1.0562503	0.18756044	1	0.029	0.008
0.08290441	1	-0.6314498	0.20330826	1	0.048	0.047
0.02007894	1	-0.0831581	0.5738989	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00727223	1	0.05832479	0.51445741	1	0.029	0.063
0.97114286	1	-0.1400611	0.54877979	1	0.01	0.008
0.0665622	1	-0.5137857	0.19330693	1	0.095	0.126
0.39427971	1	-0.8146396	0.10164227	1	0.048	0.087
0.40065715	1	-1.7931178	0.06670201	1	0.029	0.087
0.41283551	1	-0.7046128	0.58544846	1	0.038	0.031
0.49558537	1	0.39736917	0.31397678	1	0.01	0.031
0.42148634	1	1.3456993	0.1140758	1	0.038	0.039
0.23854012	1	0.33630853	0.43204623	1	0.152	0.173
0.75970586	1	0.64343856	0.39819182	1	0.029	0.039
0.10124707	1	-0.0708764	0.76352327	1	0.067	0.087
1	1	-0.0465426	1	1	0	0
0.22502458	1	1.82210952	0.16849427	1	0.019	0.024
0.14362791	1	0.19349639	0.62115555	1	0.067	0.079
0.64367666	1	-5.8699284	0.98178118	1	0	0.008
0.22698312	1	-5.9241702	0.9693467	1	0	0.024
0.42051315	1	-8.0698353	0.74394025	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.85361558	1	1.60729834	0.58815409	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.3177104	0.31142884	1	0	0
0.1113614	1	0.32033986	0.567867	1	0.257	0.205
0.30884832	1	-2.1007742	0.54257632	1	0	0
0.04437209	1	0.02400107	0.52055626	1	0.486	0.504
0.47413309	1	-7.3177104	0.31142884	1	0	0
0.50913818	1	-1.045362	0.21831729	1	0.067	0.102
0.62810871	1	0.17920371	0.31578501	1	0.019	0.024
0.65057473	1	-0.40405	0.22268822	1	0.114	0.118
0.36642579	1	0.48354456	0.50856579	1	0	0.047
0.07623803	1	0.03971062	0.80085786	1	0.295	0.276

0.63792001	1	1.76164132	0.58031208	1	0.01	0.008
0.47413309	1	-8.7593625	0.31142884	1	0.019	0
0.21141637	1	-1.0232273	0.30421593	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	7.42393467	0.16448785	1	0	0
0.21141637	1	-0.3361898	0.63132234	1	0.01	0
1	1	-0.0465426	1	1	0	0
4.48E-10	1.24E-05	-0.0298118	0.66709686	1	0.152	0.102
0.02709843	1	0.04367319	0.9110596	1	0.171	0.142
0.33820082	1	-0.3209919	0.65740949	1	0.105	0.071
0.70446388	1	-1.785057	0.62105689	1	0.038	0.008
0.26157457	1	0.40380501	0.32712183	1	0.171	0.15
0.55756739	1	0.05793609	0.54063278	1	0.105	0.102
2.74E-05	0.75631503	-0.2584203	0.34528723	1	0.381	0.433
0.68823545	1	0.25470532	0.36014408	1	0.2	0.11
0.62564696	1	0.72967091	0.11802041	1	0.067	0.024
0.10432921	1	-0.0860367	0.96211853	1	0.219	0.11
0.31441462	1	-0.2116661	0.7855346	1	0.324	0.307
0.7748821	1	-0.5504386	0.25999552	1	0.248	0.228
0.14820265	1	-10.134118	0.04168349	1	0	0
0.01469896	1	0.16351731	0.52564645	1	0.057	0.031
0.26204794	1	0.5234286	0.24283554	1	0.01	0.016
0.03159355	1	-0.1992796	0.83384043	1	0.038	0.055
0.32708334	1	-0.5337639	0.66219215	1	0.038	0.031
0.0034006	1	-0.3432532	0.26947391	1	0.067	0.039
0.06012463	1	-0.4678787	0.94839356	1	0.029	0.016
0.47413309	1	-3.293351	0.98178118	1	0	0
0.7707986	1	0.09107066	0.37517807	1	0.048	0.047
0.10494625	1	0.1671826	0.21663252	1	0.419	0.323
0.51003251	1	-1.2576938	0.97257202	1	0.019	0.016
0.0556281	1	0.62499217	0.16869422	1	0.19	0.228
0.96379456	1	-1.1013848	0.11465456	1	0.086	0.15
0.26352792	1	0.42999333	0.8556987	1	0.019	0.016
0.08959379	1	-0.2627041	0.86718754	1	0.295	0.283
0.00165086	1	0.06801588	0.15766601	1	0.276	0.315
0.1825308	1	0.51010865	0.44769258	1	0.114	0.11
0.24366751	1	0.97545727	0.23015883	1	0.057	0.063
0.13895545	1	-0.8642232	0.90074284	1	0	0.016
0.00920108	1	0.20819404	0.62795183	1	0.057	0.039
0.75199342	1	0.0415611	0.55807442	1	0.305	0.236
0.00860816	1	-0.0620284	0.43647507	1	0.419	0.472
0.97638791	1	0.61276828	0.67837832	1	0.029	0.008
0.2532887	1	-0.2803241	0.72131932	1	0.01	0.016

0.05945296	1	-0.0258696	0.779463	1	0.514	0.465
1	1	8.0617718	0.16448785	1	0.01	0
0.35565115	1	0.25936217	0.91053383	1	0.057	0.031
0.00733987	1	-0.2651404	0.96759721	1	0.267	0.37
0.72874746	1	-0.376434	0.97942998	1	0.086	0.079
0.04990626	1	-0.0466831	0.62481071	1	0.152	0.063
0.07039052	1	0.0684761	0.36891015	1	0.219	0.26
0.02314833	1	0.09299836	0.5295267	1	0.543	0.591
0.00019722	1	1.11119845	0.0784788	1	0.057	0.134
1	1	8.06529187	0.32710281	1	0	0
0.17232532	1	-0.9106421	0.15664532	1	0.095	0.071
0.16745907	1	8.73525968	0.08811101	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.40232557	0.32710281	1	0.019	0.008
1	1	-0.0465426	1	1	0.01	0
0.77481873	1	-0.3642506	0.6287492	1	0	0.016
1.88E-05	0.51860462	0.40310095	0.00042347	1	0.667	0.756
0.25595158	1	-0.0612457	0.76732365	1	0.486	0.457
0.09300756	1	-0.1008661	0.80606597	1	0.686	0.654
1.22E-07	0.00335838	0.18239767	0.34837505	1	0.038	0.244
1.03E-18	2.85E-14	0.20458081	0.88714947	1	0.229	0.622
0.01616326	1	0.25072041	0.24483585	1	0.2	0.22
0.02948903	1	-0.1705412	0.3580551	1	0.276	0.173
0.47413309	1	-8.6762662	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.255076	0.31142884	1	0	0
0.16745907	1	7.95371799	0.16448785	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.06059311	1	-0.0542931	0.97400718	1	0.229	0.134
0.88503832	1	0.32108921	0.05305125	1	0.105	0.228
0.29511535	1	-0.3466693	0.21136807	1	0.143	0.268
0.39666201	1	1.00451192	0.00841946	1	0.105	0.071
0.47413309	1	2.03587624	0.10994172	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-7.6838794	0.31142884	1	0.01	0.008
0.30884832	1	-8.8233398	0.15105729	1	0	0
0.22895378	1	-0.5604471	0.68635085	1	0.01	0.024
1	1	8.02312711	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0

0.23644964	1	2.05728877	0.19045963	1	0	0.016
0.66827724	1	-0.4155962	0.93933327	1	0.086	0.094
0.00315336	1	0.16324697	0.23588604	1	0.314	0.362
0.00046726	1	-0.0200704	0.45575323	1	0.162	0.197
1	1	-0.0465426	1	1	0	0
0.79976912	1	0.00538142	0.18749669	1	0.067	0.039
0.47413309	1	-8.2432561	0.31142884	1	0	0
0.69180038	1	-2.3439594	0.30042403	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.9929041	0.98178118	1	0	0
0.41419018	1	-0.0135839	0.96404532	1	0.162	0.197
0.04944379	1	-0.4971194	0.29463698	1	0.238	0.15
0.69601219	1	-0.4471475	0.96568352	1	0.029	0.008
0.23104937	1	0.41985233	0.49405513	1	0.048	0.079
0.47413309	1	-7.2885347	0.31142884	1	0	0
0.22832885	1	0.09952881	0.42729567	1	0.333	0.346
0.13118991	1	1.1702341	0.0164579	1	0.076	0.118
1	1	-0.0465426	1	1	0	0
0.23348426	1	-0.3565968	0.65597565	1	0.057	0.024
0.0395935	1	-0.4870087	0.54154276	1	0	0
0.47413309	1	0.6587994	0.33569097	1	0	0
0.01262867	1	-0.4284347	0.73064434	1	0.029	0.055
0.0019729	1	0.52181898	0.07064391	1	0.105	0.063
0.30884832	1	1.4321465	0.4338148	1	0	0
0.06587177	1	-1.9215712	0.05387829	1	0.029	0.016
3.10E-16	8.54E-12	-0.4697714	0.00973896	1	0.171	0.205
0.00812093	1	-0.4500161	0.89933223	1	0.048	0.039
0.89692961	1	0.24315455	0.88445521	1	0.048	0.047
0.72215979	1	0.02917987	0.74590976	1	0.629	0.488
0.42944598	1	-0.0070426	0.84121285	1	0.124	0.118
0.27656084	1	0.14241368	0.63246256	1	0.267	0.26
0.48381249	1	0.03805153	0.41461719	1	0.467	0.354
0.52139086	1	0.14428808	0.6775628	1	0.429	0.417
0.5063762	1	-4.5045933	0.54257632	1	0	0.016
0.00237162	1	0.43072376	0.66090807	1	0.276	0.299
0.19695147	1	0.98782325	0.48464695	1	0.029	0.055
0.47413309	1	1.65417606	0.58351143	1	0	0
0.77873416	1	-0.1368058	0.52003125	1	0.01	0.016
0.00512292	1	-0.456761	0.77906573	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
0.84864033	1	0.75732695	0.00140786	1	0.314	0.236

0.97114286	1	0.52909253	0.27556639	1	0.01	0.008
0.30884832	1	1.46541435	0.43187343	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.02953786	1	3.53989378	0.03629671	1	0	0.031
0.14188781	1	0.62104041	0.59140292	1	0.048	0.047
0.45732041	1	2.12650345	0.01430531	1	0.086	0.047
1	1	-0.0465426	1	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-1.2623039	0.66652704	1	0.01	0
0.30884832	1	1.15932534	0.27556639	1	0.019	0
2.38E-07	0.0065588	-0.1295823	0.81644419	1	0.143	0.126
0.28907833	1	0.05153255	0.61106679	1	0.01	0.039
0.47413309	1	-6.4878812	0.31142884	1	0	0
0.63792001	1	-7.0014575	0.31142884	1	0	0.008
0.00143947	1	-0.1326419	0.84746476	1	0.486	0.535
0.00203845	1	0.23259405	0.12943809	1	0.505	0.472
0.00397545	1	-0.24311	0.68274802	1	0.248	0.236
0.08445636	1	-7.1623989	0.31142884	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.81446336	1	-0.2237822	0.33248278	1	0.324	0.354
0.79445119	1	0.38700454	0.14757104	1	0.029	0.016
0.59543174	1	0.21651597	0.2882793	1	0.01	0.039
1	1	-0.0465426	1	1	0	0
0.96513454	1	0.14475904	0.66034117	1	0.41	0.291
0.77526587	1	0.0653297	0.67321359	1	0.057	0.024
0.49319133	1	0.21331547	0.57369702	1	0.105	0.11
0.0834342	1	2.05694786	0.58031208	1	0	0.024
0.74494334	1	0.37197209	0.23049014	1	0.267	0.205
0.04688336	1	0.30370116	0.52583105	1	0.371	0.331
0.36620968	1	-0.0900872	0.70939025	1	0.038	0.008
0.32315291	1	-0.0472913	0.20222219	1	0.057	0.055
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.11225509	1	0.14937087	0.93112399	1	0.162	0.087
0.01058563	1	0.47225411	0.32596266	1	0.057	0.016
9.74E-05	1	-0.2733556	0.94943473	1	0.019	0.016
0.30884832	1	-9.0341939	0.15105729	1	0	0
5.55E-11	1.53E-06	-0.0309661	0.37168784	1	0.41	0.283
0.02693954	1	-0.3071011	0.68968356	1	0.162	0.118
0.18821398	1	0.91301494	0.97212194	1	0.01	0.008
0.11816814	1	-0.0682015	0.792428	1	0.067	0.039

1	1	-0.0465426	1	1	0	0
0.03302611	1	-0.9426413	0.03326851	1	0.152	0.094
0.2246097	1	0.2415147	0.59758778	1	0.21	0.134
0.47413309	1	-9.5590749	0.31142884	1	0	0
3.83E-05	1	-0.363118	0.23905875	1	0.248	0.142
0.39530764	1	0.25675723	0.21875703	1	0.086	0.087
2.27E-05	0.62701912	-0.3343999	0.20871409	1	0.162	0.094
0.03402396	1	-0.3092674	0.62435256	1	0.038	0.016
0.5063762	1	0.5615362	0.27691919	1	0.01	0.016
0.50332642	1	-0.4508501	0.92671342	1	0.124	0.181
0.17736836	1	0.00680611	0.22375452	1	0.114	0.157
0.64367666	1	-3.1363149	0.98178118	1	0	0.008
0.97114286	1	0.16686565	0.10652264	1	0.01	0.008
0.26100287	1	0.11817154	0.59111534	1	0.143	0.157
1	1	-0.0465426	1	1	0	0
0.70446388	1	-9.9342971	0.07816392	1	0	0.008
1	1	8.23458774	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.23385587	1	0.83178375	0.98633536	1	0.01	0.016
0.21141637	1	0.36247669	0.22737314	1	0	0
0.00291583	1	-0.2201092	0.36097388	1	0.086	0.094
0.00022411	1	-0.0496611	0.89602951	1	0.238	0.213
0.47413309	1	0.05218865	0.98633536	1	0.01	0
0.12798466	1	0.24658963	0.04098473	1	0.743	0.732
0.0762835	1	0.29640414	0.06360386	1	0.41	0.331
0.0008518	1	-0.1025762	0.95949955	1	0.2	0.165
0.09458418	1	0.02060745	0.78411851	1	0.733	0.661
0.16196258	1	0.24037753	0.12201347	1	0.495	0.504
0.00270727	1	-0.3944659	0.18745477	1	0.371	0.26
3.42E-05	0.94255848	-0.2329023	0.29943372	1	0.39	0.346
0.03477812	1	0.20397019	0.26267653	1	0.505	0.567
0.25907861	1	-0.0752272	0.64294364	1	0.124	0.087
0.09320096	1	-0.5121277	0.02170407	1	0.324	0.378
2.94E-07	0.00810705	-0.1700929	0.15821173	1	0.352	0.323
0.73941771	1	0.25228713	0.30371864	1	0.267	0.189
0.31947737	1	-0.1351641	0.59205731	1	0.133	0.165
0.40835586	1	-0.1595104	0.72524915	1	0.457	0.362
0.03422219	1	-0.0537318	0.21757686	1	0.286	0.323
0.70493474	1	0.30104221	0.11514079	1	0.648	0.488
0.07188716	1	0.56545897	0.00900685	1	0.352	0.354
0.39052555	1	-0.0738599	0.75084495	1	0.114	0.142
1	1	-0.0465426	1	1	0	0
0.13183224	1	-0.238833	0.64724828	1	0.019	0.055

0.41108164	1	-0.4095452	0.16281447	1	0.095	0.079
0.64367666	1	1.14005195	0.58351143	1	0.01	0.008
0.96461538	1	0.86810879	0.18416663	1	0.01	0.016
0.40048073	1	-1.8003956	0.0182349	1	0.048	0.039
0.21141637	1	-1.6238255	0.30231602	1	0	0
0.00290739	1	0.27082803	0.08383746	1	0.438	0.559
5.31E-12	1.47E-07	-0.0958046	0.6880223	1	0.143	0.197
1	1	-0.0465426	1	1	0.01	0
0.25759727	1	0.45689358	0.63318697	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.5057392	0.98178118	1	0	0
0.30884832	1	-8.8956076	0.15105729	1	0	0
0.47413309	1	-7.8098411	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.1621022	0.15105729	1	0	0
0.64367666	1	-8.2487318	0.31142884	1	0	0.008
0.47413309	1	-6.5737467	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-9.9335694	0.04168349	1	0	0
0.30884832	1	-1.6377386	0.54257632	1	0	0
0.47413309	1	-2.3796396	0.98178118	1	0	0
1	1	6.59547804	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21942224	1	0.01065955	0.79960628	1	0.438	0.386
1	1	-0.0465426	1	1	0	0
0.82220502	1	0.20671953	0.36705569	1	0.486	0.386
1	1	-0.0465426	1	1	0	0
0.01621721	1	4.62806907	0.32710281	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.08591775	1	-1.1352379	0.62361645	1	0	0.039
0.58268535	1	-2.8578523	0.0523914	1	0.01	0.016
0.97206132	1	-9.7017792	0.04168349	1	0.01	0.016
0.09966305	1	0.17399133	0.67730867	1	0.038	0.079
0.94699653	1	-0.0359894	0.79359725	1	0.067	0.055
0.90485113	1	0.02909293	0.88614872	1	0.162	0.228
0.36125851	1	0.0126854	0.28112525	1	0.067	0.079
0.26309678	1	-0.2896348	0.64418018	1	0.124	0.134
0.18685635	1	-0.2783542	0.52917785	1	0	0.008
0.55047352	1	1.04029002	0.00939693	1	0.114	0.055

0.78658181	1	-9.5445757	0.07816392	1	0.01	0.016
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.13280485	1	-0.6255435	0.60343623	1	0	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64786394	1	0.87292163	0.98281572	1	0	0.024
0.63792001	1	-8.5811275	0.31142884	1	0.01	0.008
0.75526616	1	-3.1078235	0.09337024	1	0.019	0.016
0.47413309	1	-7.6838794	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.76137315	1	-0.2396508	0.94775539	1	0	0.024
0.19645177	1	0.53494198	0.39773307	1	0.267	0.307
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.8714653	0.31142884	1	0	0
0.47413309	1	-6.7066122	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.9356105	1	-0.1017028	0.54688163	1	0.124	0.079
0.16745907	1	7.94872355	0.16448785	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.0808842	1	-0.1299481	0.70891423	1	0.019	0.134
0.00086593	1	-0.9395468	0.06909567	1	0.048	0.024
0.23470777	1	-0.3981988	0.70000937	1	0.067	0.079
1	1	-0.0465426	1	1	0	0
0.89061389	1	-0.149	0.88834892	1	0.038	0.039
0.14820265	1	-1.7142923	0.16707819	1	0.01	0
0.05012925	1	4.95779975	0.32710281	1	0.019	0.016
0.00188003	1	0.60970345	0.28674074	1	0.029	0.024
0.39350027	1	-0.248047	0.70837904	1	0.181	0.236
0.0288174	1	-0.3479627	0.08769605	1	0.21	0.126
0.23644964	1	3.30563184	0.03629671	1	0.01	0.016
1	1	9.35975926	0.16448785	1	0	0
1	1	8.27712821	0.32710281	1	0	0
0.16745907	1	9.13328339	0.08811101	1	0	0.008
0.71778559	1	-0.1468254	0.89659947	1	0.133	0.15
0.20649331	1	-0.277894	0.74676579	1	0.076	0.039
0.07977086	1	0.15358534	0.52312561	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.78636121	1	-0.3300443	0.92303102	1	0.019	0.039
0.85767664	1	-0.674336	0.72260463	1	0.057	0.079
0.10917248	1	-0.0063242	0.86087499	1	0.248	0.197

0.98076315	1	0.22517588	0.49658712	1	0.152	0.079
0.16745907	1	9.10141585	0.04861576	1	0.019	0.008
0.21141637	1	-2.3193458	0.29853994	1	0	0
0.73560557	1	-3.3207081	0.23104175	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.00970148	1	0.38339032	0.49876507	1	0.095	0.173
1.89E-05	0.52207216	0.59993726	3.70E-06	0.10204123	0.581	0.638
1.10E-08	0.00030319	0.23822557	0.29384928	1	0.629	0.622
0.0011538	1	0.19333697	0.63068265	1	0.229	0.307
0.47413309	1	1.6038808	0.58031208	1	0.01	0
1	1	8.12888926	0.32710281	1	0	0
0.13767732	1	1.48662069	0.0236722	1	0.019	0.055
0.05472772	1	-0.2262929	0.55666589	1	0.095	0.118
0.40178195	1	0.97042469	0.00512784	1	0.029	0.063
0.95878114	1	0.3271331	0.63785969	1	0.019	0.024
0.72724595	1	-0.2115049	0.59038589	1	0.257	0.276
0.96461538	1	-0.3007093	0.40150959	1	0.057	0.016
0.41665696	1	0.53522468	0.03089249	1	0.324	0.331
0.30884832	1	-8.740387	0.15105729	1	0	0
4.53E-08	0.00124945	0.27310797	0.13044753	1	0.352	0.394
0.12534016	1	0.41534518	0.01617922	1	0.352	0.362
0.16745907	1	8.14247503	0.16448785	1	0	0.008
0.01825316	1	-0.8561718	0.05779886	1	0.048	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.90711975	1	0.08963103	0.63802067	1	0.076	0.071
0.68406115	1	0.66948273	0.29706968	1	0.038	0.039
0.15057489	1	0.23851875	0.2459675	1	0.257	0.213
2.29E-09	6.31E-05	0.04241751	0.37741548	1	0.067	0.063
1	1	6.54921854	0.32710281	1	0	0
0.69962235	1	0.73940037	0.00116361	1	0.21	0.283
0.95089159	1	-0.6922909	0.91765494	1	0.029	0.031
0.09368267	1	0.34247213	0.1535454	1	0.095	0.071
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16756188	1	0.28345753	0.29295797	1	0.067	0.102
1	1	-0.0465426	1	1	0.01	0
0.33974125	1	-0.212652	0.74735985	1	0.01	0.016
0.47413309	1	-7.0476366	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.05012925	1	8.38142637	0.32710281	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.1924201	0.97579778	1	0	0
0.28778157	1	-1.0256119	0.02591958	1	0.019	0.063
0.03641369	1	0.56473617	0.15194385	1	0.105	0.118
0.00704253	1	0.51799675	0.01438417	1	0.438	0.417
0.4232118	1	1.16938065	0.22245629	1	0.01	0.024
0.25997795	1	-0.1582831	0.5762231	1	0.067	0.063
0.30884832	1	-0.6854352	0.97257202	1	0	0
0.4067582	1	-0.1101315	0.73934905	1	0.581	0.591
0.36652623	1	0.63424844	0.04250273	1	0.01	0.063
1	1	-0.0465426	1	1	0	0
0.49524626	1	-3.2217176	0.65984988	1	0	0.008
0.63792001	1	1.4906026	0.98633536	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.88085181	1	-0.5175877	0.25696416	1	0.019	0.039
0.01699369	1	-0.6016363	0.39671072	1	0.105	0.087
0.30884832	1	-10.065911	0.15105729	1	0	0
0.59884751	1	0.23052276	0.68817371	1	0.01	0.024
0.7421285	1	-0.5804501	0.40321795	1	0.105	0.071
6.81E-07	0.01879059	0.18772741	0.75808296	1	0.029	0.047
0.25311148	1	0.66821553	0.18408519	1	0.067	0.039
1	1	-0.0465426	1	1	0	0
0.21356164	1	-0.3001724	0.23274545	1	0.381	0.409
0.45487681	1	-0.5192534	0.25591762	1	0.171	0.181
0.36869196	1	-0.0912612	0.80879961	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.6542149	1	-0.0901559	0.78599449	1	0.181	0.22
0.21922148	1	2.94291845	0.42800583	1	0.01	0.024
0.08968518	1	0.69290894	0.33800535	1	0.01	0.039
0.70446388	1	1.11630002	0.50707423	1	0.019	0.008
0.22632098	1	0.32566169	0.65220195	1	0.19	0.142
7.77E-05	1	-0.0376932	0.32496317	1	0.076	0.087
1	1	5.77708283	0.16448785	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.06091738	1	0.20735106	0.35391485	1	0.257	0.299
0.99859127	1	-0.0504306	0.75966513	1	0.133	0.126
0.65619892	1	-0.1565307	0.90434943	1	0.057	0.079
0.02855162	1	-0.6020657	0.59550425	1	0.019	0.008
0.68558671	1	-0.3091949	0.2243477	1	0.086	0.134
0.35132939	1	0.04503332	0.66873592	1	0	0.047

1	1	-0.0465426	1	1	0	0
0.00497216	1	0.2076956	0.01624132	1	0.343	0.362
0.00259344	1	0.00149834	0.46476016	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.43059241	1	-0.0062367	0.46412265	1	0.248	0.236
0.22979311	1	-0.4115889	0.63397121	1	0.095	0.071
0.0114164	1	0.31590379	0.26640529	1	0.086	0.079
0.49785496	1	0.25853269	0.84121285	1	0.076	0.071
0.1500421	1	0.56520638	0.32317694	1	0.01	0.039
0.04837131	1	-0.1578451	0.38772477	1	0.01	0.016
0.05049111	1	-0.2976758	0.36966184	1	0.124	0.071
0.19798981	1	-0.8310294	0.14969917	1	0.076	0.063
0.08961107	1	2.52118168	0.03848196	1	0	0.031
0.16745907	1	9.13172539	0.02728712	1	0	0.008
0.11474504	1	-0.8111961	0.02971028	1	0.105	0.134
0.30938977	1	-0.5164245	0.45352207	1	0.019	0.039
1.03E-07	0.00284038	0.04196003	0.72231952	1	0.219	0.118
0.2173112	1	1.40250433	0.03894471	1	0.01	0.024
0.00705946	1	0.33216473	0.23030528	1	0.067	0.079
0.1987096	1	1.31386744	0.02648949	1	0.057	0.039
0.13592756	1	0.02645012	0.79126689	1	0.029	0.024
0.31986372	1	0.11746622	0.84647065	1	0.105	0.126
0.46120242	1	-0.5019267	0.05811162	1	0.267	0.189
0.00016791	1	-0.1849358	0.66151718	1	0.552	0.717
1.60E-06	0.04404637	1.06804428	0.00332075	1	0	0.22
4.41E-09	0.0001218	0.0366339	0.79152476	1	0.171	0.173
0.82859092	1	1.2847108	0.00037932	1	0.029	0.102
0.46333865	1	0.16602641	0.45549056	1	0.105	0.142
0.01570421	1	-0.5914776	0.51970531	1	0.029	0.165
3.19E-06	0.08805809	10.0290496	0.01548432	1	0	0.087
2.02E-18	5.57E-14	0.23941017	0.14221408	1	0.114	0.638
0.00014134	1	0.32033519	0.11474298	1	0.124	0.213
7.98E-05	1	0.993292	0.18119258	1	0.01	0.11
0.00100617	1	0.18180356	0.9374995	1	0.029	0.165
0.01124851	1	-0.0652122	0.63012181	1	0.038	0.142
0.07568898	1	-0.336897	0.89728896	1	0.048	0.079
0.69601219	1	0.39875901	0.34212101	1	0.019	0.008
0.46539472	1	-0.0930551	0.72699126	1	0.171	0.157
0.10078352	1	-0.0780422	0.88927688	1	0.248	0.291
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.41247808	1	-0.442195	0.96568352	1	0.01	0.024
0.70255835	1	-0.3032817	0.58721901	1	0.162	0.173

0.01308013	1	-0.2688301	0.43495337	1	0.124	0.079
1	1	-0.0465426	1	1	0	0
0.47413309	1	2.38414625	0.32963505	1	0	0
0.40298232	1	-0.6817377	0.56509627	1	0.029	0.055
0.36386736	1	0.22458971	0.03697971	1	0.21	0.213
0.07950551	1	-0.0954752	0.70313512	1	0.019	0.024
0.13514828	1	0.07894848	0.35850925	1	0.067	0.055
0.480076	1	0.36266258	0.53588252	1	0.067	0.047
0.40242639	1	0.23850683	0.20991098	1	0.01	0.047
0.50498751	1	0.11057146	0.77492143	1	0	0.008
0.5063762	1	1.87853324	0.27153506	1	0	0.016
0.97098762	1	0.8820799	0.34370428	1	0.038	0.024
0.56579271	1	0.63625023	0.37570506	1	0.019	0.039
0.97913325	1	0.37009568	0.51819421	1	0.076	0.094
0.59602691	1	0.28749339	0.70163428	1	0.057	0.063
0.91663728	1	0.20370132	0.51512552	1	0.133	0.079
0.06260782	1	0.29566474	0.16718432	1	0.181	0.252
0.41782464	1	-0.3142267	0.9683218	1	0.01	0.024
0.00281001	1	0.35774426	0.16673656	1	0.219	0.291
0.01875032	1	0.13255599	0.409492	1	0.095	0.126
1	1	8.23458774	0.32710281	1	0	0
1	1	7.40694826	0.32710281	1	0	0
0.01519883	1	2.51989904	0.21285196	1	0.01	0.055
0.25802058	1	0.03009886	0.23961143	1	0.152	0.102
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.61705836	1	-2.4927518	0.16596842	1	0.029	0.024
0.22307814	1	-1.5666538	0.54567368	1	0.019	0.024
0.19845449	1	-0.0333141	0.46783358	1	0.219	0.283
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.10536053	1	-1.2155701	0.44150208	1	0.01	0
0.30884832	1	0.2543162	0.97579778	1	0	0
0.98163398	1	1.22952868	0.43576121	1	0.01	0.008
0.08653109	1	0.42535478	0.98633536	1	0	0.024
0.69601219	1	0.52913694	0.50891479	1	0.01	0.008
0.21141637	1	-0.9111323	0.6287492	1	0.01	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-1.3707818	0.6287492	1	0	0
0.00223407	1	-0.8358691	0.00675	1	0.086	0.11
1	1	-0.0465426	1	1	0	0

0.52269244	1	0.18379753	0.51595189	1	0.095	0.118
0.7618558	1	-1.80194	0.23585479	1	0	0.016
0.23906368	1	1.22232465	0.98633536	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.40544908	0.32710281	1	0	0
0.30884832	1	-2.7923014	0.54257632	1	0	0
0.47413309	1	1.61705857	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.35630743	1	0.67291024	0.13255929	1	0.01	0.071
0.74214061	1	0.75215454	0.14777547	1	0	0.016
1	1	7.90325359	0.32710281	1	0	0
1	1	9.69520787	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.03090557	1	-0.1614521	0.76993039	1	0.219	0.197
0.39282881	1	-0.2382836	0.91242773	1	0.114	0.118
0.95036396	1	-0.4770267	0.95900496	1	0.267	0.236
0.51545932	1	-0.0392196	0.81842946	1	0.133	0.079
0.30576127	1	-0.2167997	0.97624151	1	0.181	0.134
0.51531486	1	-0.1396279	0.33441134	1	0.962	0.835
0.35528878	1	-0.1515819	0.48873884	1	0.657	0.598
0.05415942	1	0.36993208	0.09516668	1	0.257	0.346
0.10286221	1	-2.0865306	0.06948619	1	0	0.008
0.18147048	1	-0.407606	0.62671045	1	0.124	0.063
1	1	-0.0465426	1	1	0	0
0.31359344	1	-0.3982723	0.91059596	1	0.162	0.118
0.01239789	1	-0.0283946	0.96405608	1	0.238	0.307
1	1	-0.0465426	1	1	0.01	0
0.27578634	1	-0.3100009	0.92603157	1	0.038	0.063
1	1	-0.0465426	1	1	0	0
0.05929098	1	-0.9769841	0.29473282	1	0.114	0.157
0.00029765	1	0.29538243	0.00975975	1	0.21	0.402
0.47413309	1	-7.3372009	0.31142884	1	0.01	0
0.90528769	1	0.06170323	0.26311697	1	0.038	0.039
0.16745907	1	-0.0465426	1	1	0	0.008
0.51534841	1	0.53079925	0.24397966	1	0.067	0.118
0.94582349	1	0.0167916	0.56517884	1	0.076	0.079
0.00891426	1	-0.2952431	0.61851871	1	0.105	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.25282081	1	0.29743684	0.35317622	1	0.029	0.047

0.47413309	1	-6.5737467	0.31142884	1	0	0
0.09571719	1	0.2224275	0.75207294	1	0.162	0.063
0.47413309	1	1.21004889	0.33366442	1	0	0
0.05012925	1	-0.0465426	1	1	0.01	0.016
0.97114286	1	-10.106605	0.15105729	1	0	0.008
0.96089352	1	0.97956457	0.38786581	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.34519788	1	-0.1768917	0.662042	1	0.057	0.063
0.49801021	1	0.05014696	0.80689665	1	0.038	0.031
0.10251935	1	0.15421933	0.26066134	1	0.19	0.213
0.14600895	1	0.66628635	0.32290011	1	0.133	0.134
0.47413309	1	-7.6225155	0.31142884	1	0.01	0
0.97114286	1	2.03949651	0.16672562	1	0	0.008
0.47413309	1	3.0607375	0.00727834	1	0	0
0.78682225	1	-0.0701226	0.52429674	1	0.095	0.055
0.16745907	1	6.48509506	0.32710281	1	0.01	0.008
0.50464059	1	-0.0307627	0.45835096	1	0.124	0.063
0.47413309	1	2.56321129	0.19045963	1	0.01	0
0.7983938	1	-2.9002165	0.29853994	1	0	0.016
0.75526616	1	-10.694148	0.02261846	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.79051383	1	0.74440232	0.73236962	1	0	0.016
0.21141637	1	-0.1505956	0.63132234	1	0	0
1	1	-0.0465426	1	1	0	0
0.23906368	1	0.93736507	0.58351143	1	0.01	0.016
0.85361558	1	-0.0303681	0.45698996	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.51029592	1	-0.6284479	0.05676936	1	0.19	0.15
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.86879279	0.33366442	1	0.01	0
0.13956818	1	0.00888848	0.99799458	1	0.114	0.094
1	1	-0.0465426	1	1	0	0
1	1	6.80645557	0.32710281	1	0	0
0.63792001	1	-7.3483951	0.31142884	1	0	0.008
0.04528329	1	-0.4045549	0.34974557	1	0.114	0.094
0.46180258	1	0.57142069	0.51398659	1	0.038	0.039
0.81021451	1	-0.3284393	0.4576692	1	0.267	0.244
0.00011041	1	-0.3366193	0.13076922	1	0.133	0.134
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.74650068	0.08811101	1	0	0

0.63792001	1	-7.1635828	0.31142884	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05458447	1	-1.0698798	0.33370837	1	0	0
1	1	-0.0465426	1	1	0	0
0.66145529	1	0.02710347	0.76590621	1	0.038	0.039
0.10240029	1	-0.3042095	0.44876453	1	0.724	0.567
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.3223241	0.98178118	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.74214061	1	-0.3021475	0.45015478	1	0.029	0.016
0.03808083	1	-0.6305066	0.05133855	1	0.276	0.197
0.73005502	1	-1.3013031	0.09056824	1	0.076	0.087
0.00073544	1	-0.4558112	0.03626993	1	0.562	0.402
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.29158327	0.58031208	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	7.10223504	0.32710281	1	0.01	0
0.0867193	1	-0.0140182	0.8125828	1	0.114	0.079
0.72784059	1	-0.1375193	0.60563078	1	0.381	0.276
0.01585184	1	-0.6732491	0.05412678	1	0.19	0.173
0.66882963	1	0.19795601	0.08321759	1	0.429	0.315
0.0406766	1	-0.3400441	0.78406185	1	0.286	0.339
0.19937176	1	-1.5496264	0.26539681	1	0.019	0.016
0.35754191	1	0.27023158	0.34826661	1	0.114	0.165
0.69860146	1	0.08833721	0.15602182	1	0.581	0.465
0.37924183	1	-0.1662992	0.72182969	1	0.19	0.15
1.80E-05	0.49540721	-0.3618574	0.33315958	1	0.067	0.047
0.54936938	1	0.23670403	0.37334742	1	0.019	0.047
0.30201202	1	-0.695774	0.11670834	1	0.143	0.134
0.18096131	1	0.14062088	0.9269798	1	0.133	0.024
0.23821017	1	0.05796389	0.7584863	1	0.076	0.024
0.96261406	1	-0.6076975	0.22461588	1	0.105	0.134
0.88398731	1	-0.1398873	0.8215438	1	0.048	0.079
0.0027612	1	-0.5273216	0.50326638	1	0.057	0.055
1	1	-0.0465426	1	1	0	0
0.3698347	1	0.77127949	0.10493206	1	0.038	0.047
0.47413309	1	-7.6722679	0.31142884	1	0	0
0.49524626	1	-0.9009056	0.16931443	1	0.01	0.008
0.22307814	1	0.91163097	0.98225045	1	0.01	0.024
0.47413309	1	-7.2885347	0.31142884	1	0	0
0.08505959	1	1.39489625	0.38115117	1	0.038	0.047

0.78658181	1	-0.9644614	0.75091068	1	0.048	0.016
0.42171425	1	-0.3932806	0.41482556	1	0.019	0.055
0.03662731	1	0.11293374	0.34726142	1	0.076	0.031
0.64236518	1	-0.2879456	0.83020622	1	0.095	0.126
0.01956518	1	0.15771069	0.82260089	1	0.076	0.016
0.75618361	1	-0.0297338	0.80568593	1	0.076	0.11
1	1	-0.0465426	1	1	0	0
0.14820265	1	1.77650727	0.54612517	1	0	0
1	1	7.68178285	0.32710281	1	0	0
0.30884832	1	-9.2906106	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.36952364	1	0.1002613	0.54810073	1	0.095	0.087
0.00117747	1	0.1757281	0.38657078	1	0.01	0.024
0.51003251	1	2.27696324	0.01362514	1	0.01	0.016
0.02138004	1	0.11851376	0.23251788	1	0.429	0.441
0.51022849	1	0.8658402	0.21540043	1	0.019	0.031
0.14719813	1	-0.1359039	0.64616376	1	0.095	0.094
0.00514257	1	0.33798761	0.19278106	1	0.4	0.402
0.17176082	1	-0.4822643	0.42342708	1	0.114	0.087
0.79795131	1	0.31370625	0.56452826	1	0.048	0.079
0.01099228	1	0.02552524	0.47220675	1	0.657	0.646
0.08794657	1	-0.587576	0.04345645	1	0.4	0.283
0.91990165	1	-0.5825546	0.4924782	1	0.371	0.205
0.82939324	1	-0.0598852	0.694469	1	0.2	0.228
0.00103496	1	0.27960108	0.01436011	1	0.743	0.756
0.58826203	1	-2.3873692	0.13875447	1	0.019	0.016
0.93422401	1	-0.2864867	0.41805424	1	0.086	0.142
1	1	-0.0465426	1	1	0	0
0.94152493	1	-0.5739226	0.95837254	1	0.124	0.087
0.10572587	1	-0.2815375	0.96485605	1	0.086	0.11
1	1	-0.0465426	1	1	0	0
0.02594361	1	-0.0313201	0.87496075	1	0.171	0.094
0.28751624	1	0.49827244	0.20072449	1	0.114	0.047
0.47413309	1	1.04059597	0.58351143	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.44595421	1	-0.3628938	0.3649752	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.03476106	1	-0.2038152	0.38488342	1	0.152	0.165
0.39410323	1	0.2594255	0.32382911	1	0.048	0.071
0.84799942	1	0.0136918	0.47367898	1	0.19	0.126

0.09126828	1	0.00874075	0.8097182	1	0.029	0.039
0.3030181	1	0.11055939	0.53588252	1	0.029	0.055
0.71329137	1	-0.3715262	0.4379157	1	0.133	0.11
0.24395284	1	0.49657532	0.3510573	1	0.029	0.047
0.62289927	1	0.0016666	0.65688417	1	0.152	0.15
0.75125293	1	0.51634424	0.29211363	1	0.143	0.087
0.32128007	1	0.16446858	0.95651777	1	0.257	0.228
0.73560557	1	0.26257591	0.97125491	1	0.01	0.016
0.00058087	1	0.4225802	0.05895854	1	0.543	0.575
0.19285105	1	0.0179668	0.93946369	1	0.419	0.323
0.7851014	1	0.04849047	0.54260935	1	0.219	0.165
0.53927696	1	-0.1889628	0.43259806	1	0.229	0.228
0.05738254	1	-0.3926747	0.58000078	1	0.114	0.087
0.34370675	1	-5.0214934	0.16486421	1	0	0.031
0.0103762	1	0.37102343	0.04578259	1	0.257	0.26
0.27211569	1	0.52057805	0.0028833	1	0.495	0.394
0.53417014	1	0.16076578	0.59765388	1	0.057	0.118
1	1	-0.0465426	1	1	0	0
0.41215942	1	-0.2322951	0.72853415	1	0.467	0.402
0.67819578	1	-0.5159292	0.30577754	1	0.152	0.157
0.05331808	1	-0.0025605	0.59905754	1	0.343	0.323
0.10536053	1	0.47452386	0.96715064	1	0.01	0
0.50825689	1	-0.9398095	0.66875868	1	0.019	0.008
0.81375669	1	0.223962	0.62610152	1	0.181	0.134
0.50929163	1	0.31082287	0.34892461	1	0.333	0.228
0.71979601	1	-0.0850901	0.75598152	1	0.2	0.228
0.61036636	1	0.29656291	0.52263083	1	0.333	0.268
0.99582026	1	-0.9014931	0.11723485	1	0.076	0.087
0.23968088	1	0.05247211	0.29739986	1	0.105	0.094
0.49848215	1	-1.0239515	0.95305312	1	0	0.008
0.98163398	1	1.3974127	0.4338148	1	0.01	0.008
0.18147058	1	0.65433422	0.20820193	1	0.086	0.118
0.50273372	1	-1.3058911	0.9693467	1	0.01	0.016
1	1	-0.0465426	1	1	0.01	0
0.37412345	1	-0.1910372	0.72336329	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.92017352	1	0.18328849	0.63377241	1	0.086	0.087
0.08548864	1	-8.3617407	0.31142884	1	0.029	0.024
0.30884832	1	0.29076752	0.68103189	1	0.029	0
1	1	-0.0465426	1	1	0	0
0.68267862	1	0.14971578	0.27815203	1	0.143	0.087
0.08214645	1	-0.2895093	0.25257002	1	0.324	0.354
0.00805417	1	0.11491214	0.40403467	1	0.81	0.787

1	1	8.33094989	0.32710281	1	0	0
0.87439316	1	-0.0162521	0.79936539	1	0.114	0.15
0.03070251	1	0.74327559	0.33366442	1	0	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
0.79445119	1	-4.0555868	0.29853994	1	0	0.016
0.04556112	1	-0.4986237	0.89382133	1	0.019	0.016
0.92532611	1	-0.1108909	0.84290231	1	0.086	0.11
0.1503878	1	-0.2143313	0.82376428	1	0.419	0.362
0.11807455	1	0.3369651	0.35936844	1	0.124	0.079
0.35418642	1	0.64863085	0.07885931	1	0.067	0.031
0.65157854	1	0.01337596	0.8631836	1	0.324	0.315
0.24273899	1	0.04762086	0.61144515	1	0.286	0.205
0.17964009	1	-0.4279014	0.09282719	1	0.257	0.283
0.7012089	1	0.4500631	0.74480326	1	0.01	0.031
0.00673066	1	-0.5336726	0.16045092	1	0.162	0.165
0.85930075	1	0.11319737	0.57782669	1	0.067	0.071
0.00012801	1	-0.2490884	0.67356873	1	0.171	0.118
0.09411013	1	0.26734374	0.44163055	1	0.01	0.031
0.5633639	1	-1.0104704	0.70976286	1	0.019	0.016
0.968338	1	0.30648332	0.76870094	1	0.01	0.016
0.00677537	1	0.7068895	0.17484431	1	0.029	0.087
0.7896091	1	0.46111032	0.14251756	1	0.019	0.071
0.02084663	1	-0.5640369	0.28679044	1	0.095	0.213
1	1	-0.0465426	1	1	0	0
0.64367666	1	-0.8483534	0.98178118	1	0	0.008
0.30884832	1	-1.4789978	0.54567368	1	0.01	0
0.40982008	1	1.899938	0.0561371	1	0.019	0.024
0.23589175	1	-0.656207	0.41710747	1	0.19	0.157
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00309666	1	0.04865707	0.60145617	1	0.076	0.087
0.37611226	1	-0.9597365	0.3550485	1	0.019	0.039
0.05511612	1	-0.4052726	0.39189278	1	0.067	0.118
4.65E-08	0.00128314	1.21343589	0.23399191	1	0.019	0.205
0.39508242	1	0.38716313	0.29530081	1	0.152	0.189
0.57145078	1	0.03499086	0.80085405	1	0.076	0.039
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.65595854	1	-0.8158782	0.19400089	1	0.01	0.055
1	1	-0.0465426	1	1	0	0

0.34164412	1	0.56013965	0.55817164	1	0.038	0.031
0.23121366	1	-0.6005761	0.03264413	1	0.286	0.26
0.17596325	1	0.04468058	0.50839439	1	0.2	0.213
0.16217254	1	-0.3671581	0.95955074	1	0.019	0.047
0.00291666	1	0.03934374	0.4493522	1	0.79	0.724
0.22657478	1	-0.0829134	0.66767336	1	0.448	0.433
0.32546891	1	0.16128684	0.66787043	1	0.2	0.236
0.59421565	1	0.74773814	0.0111712	1	0.143	0.142
0.47413309	1	-8.43986	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.06977766	1	-0.1188709	0.76030468	1	0.095	0.079
0.0004943	1	0.91589178	0.03759635	1	0.038	0.063
0.10536053	1	-10.686691	0.02261846	1	0	0
0.90827598	1	0.31890174	0.14331151	1	0.657	0.567
0.52893645	1	-0.1534297	0.46805066	1	0.114	0.102
0.87871277	1	0.0680628	0.80093295	1	0.419	0.37
1	1	-0.0465426	1	1	0	0
1	1	8.42425748	0.08811101	1	0	0
0.02437769	1	0.30945834	0.25877505	1	0.124	0.118
0.01028678	1	-0.7954454	0.00562129	1	0.21	0.173
0.90396838	1	0.88059882	0.00129694	1	0.181	0.252
0.85888229	1	-0.089032	0.53382507	1	0.381	0.339
0.07268621	1	0.95383039	0.10048233	1	0.019	0.102
0.04984743	1	0.69519455	0.22081369	1	0.095	0.165
0.45595423	1	-0.0073576	0.90121016	1	0.095	0.134
0.15473964	1	0.08041558	0.49502909	1	0.343	0.323
0.03780267	1	0.45948135	0.30466511	1	0.143	0.063
0.23906368	1	-0.8936626	0.98178118	1	0	0.016
0.00081526	1	-0.4069374	0.13167447	1	0.2	0.181
1	1	-0.0465426	1	1	0	0
0.72977131	1	0.09348798	0.9469116	1	0.029	0.047
0.16745907	1	8.16708654	0.32710281	1	0	0.008
0.7983938	1	-10.522469	0.07816392	1	0	0.016
0.09503132	1	-1.5858612	0.54257632	1	0.029	0.031
0.09619862	1	-0.3683043	0.58530031	1	0.095	0.079
0.51003251	1	-0.2234309	0.68635085	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.0232998	0.68635085	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	6.09622385	0.32710281	1	0	0.008
1	1	9.15943556	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0

0.14586147	1	0.2361574	0.60029469	1	0.619	0.606
1	1	-0.0465426	1	1	0	0
0.00033581	1	-0.2632741	0.08598786	1	0.076	0.063
4.90E-10	1.35E-05	0.00483652	0.75907693	1	0.448	0.402
2.60E-06	0.07167229	-0.5006972	0.07971073	1	0.095	0.094
0.00156635	1	-0.0904543	0.93644178	1	0.076	0.039
0.15985115	1	0.16082024	0.44236976	1	0.362	0.276
1	1	-0.0465426	1	1	0	0
0.02166221	1	-0.0652242	0.96495248	1	0.581	0.504
0.5799063	1	-1.2182729	0.29111125	1	0.029	0.016
0.04090788	1	0.05012535	0.52167444	1	0.381	0.425
0.10409917	1	0.03429171	0.9079767	1	0.695	0.622
0.20173452	1	0.73366633	0.05206467	1	0.143	0.15
1	1	-0.0465426	1	1	0	0
0.66898388	1	0.30468477	0.69447601	1	0.114	0.102
1	1	-0.0465426	1	1	0.01	0
0.26650516	1	-1.3818476	0.24970374	1	0.01	0.016
1	1	4.95779975	0.32710281	1	0.019	0
0.20901078	1	1.03732036	0.06791405	1	0.038	0.055
0.00463588	1	-0.0059728	0.62276217	1	0.819	0.732
0.51022849	1	1.96335236	0.19720821	1	0.038	0.031
0.35374704	1	0.19932952	0.14086057	1	0.429	0.394
0.74109594	1	-0.2010469	0.97682523	1	0.257	0.244
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.79874963	0.98633536	1	0	0.008
0.31150749	1	-0.2741036	0.76781663	1	0.229	0.165
0.16494427	1	0.28350708	0.39146042	1	0.19	0.244
0.03728399	1	0.14974638	0.14620218	1	0.01	0.047
0.67710207	1	-3.0340893	0.13799019	1	0.038	0.031
0.0755948	1	-0.9947369	0.48789378	1	0.029	0
0.00228929	1	0.07960895	0.89787682	1	0.038	0.024
1.44E-07	0.00397141	0.27249618	0.01121012	1	0.79	0.874
0.00186686	1	0.30503048	0.38855021	1	0.457	0.488
0.98449518	1	0.82028813	0.25775486	1	0.057	0.039
0.126527	1	-0.213953	0.35739306	1	0.286	0.236
0.81282274	1	-0.4624798	0.43608441	1	0.038	0.11
0.97114286	1	1.79806912	0.16672562	1	0.029	0.008
1	1	-0.0465426	1	1	0.01	0
0.95717252	1	1.05202275	0.26493171	1	0.019	0.016
0.00178489	1	-0.2233154	0.97612927	1	0.133	0.055
0.0022265	1	0.3777745	0.04959093	1	0.676	0.591

0.00885623	1	0.19462946	0.15920989	1	0.667	0.638
1	1	6.76701699	0.32710281	1	0	0
0.97114286	1	2.07040487	0.03825235	1	0	0.008
0.51370259	1	0.92871404	0.43576121	1	0	0.016
0.33502498	1	-0.2196436	0.73838712	1	0.019	0.047
0.8068512	1	0.51647895	0.48324125	1	0.086	0.079
0.00443168	1	0.20905664	0.15968286	1	0.848	0.787
0.5799063	1	-1.273259	0.29111125	1	0.019	0.016
0.17685234	1	-0.2104875	0.93062188	1	0.105	0.063
0.17351675	1	1.07464476	0.38651714	1	0.048	0.039
0.4974325	1	0.75483998	0.41662522	1	0.029	0.079
0.00119738	1	0.96640449	8.36E-05	1	0.352	0.417
0.55616233	1	0.0845582	0.793403	1	0.21	0.165
0.78636121	1	-0.3497844	0.48798935	1	0.038	0.047
1	1	-0.0465426	1	1	0	0
0.97114286	1	-4.3020607	0.54257632	1	0.01	0.008
0.64367666	1	-0.6663904	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.27524988	1	-0.0356829	0.28919197	1	0.048	0.126
0.51647768	1	0.71335433	0.20941057	1	0.038	0.031
0.97206132	1	-0.2324289	0.78949156	1	0.01	0.016
0.10715129	1	-0.6422447	0.5055737	1	0.048	0.047
1	1	7.52060469	0.32710281	1	0	0
2.02E-09	5.57E-05	-0.304702	0.13414171	1	0.095	0.118
0.44991454	1	1.07492755	0.0001382	1	0.286	0.299
0.00036587	1	0.26505072	0.25499567	1	0.19	0.189
1.68E-09	4.65E-05	0.30587599	0.07003729	1	0.476	0.394
0.47413309	1	2.18736786	0.58031208	1	0	0
0.42550876	1	-0.9735443	0.4846705	1	0.048	0.039
0.16745907	1	7.64616642	0.32710281	1	0	0.008
1	1	4.95779975	0.32710281	1	0	0
0.63792001	1	1.35649703	0.98633536	1	0	0.008
1	1	9.73806294	0.08811101	1	0.01	0
0.00271597	1	-0.206558	0.2664767	1	0.8	0.795
0.25110303	1	-0.1285539	0.35829156	1	0.343	0.291
0.34460326	1	-0.2167831	0.77121551	1	0.238	0.213
0.00833162	1	-0.2093647	0.56038394	1	0.362	0.402
0.56871933	1	0.06555293	0.64549196	1	0.029	0.102
0.07091799	1	0.40275398	0.59956087	1	0.01	0.055
0.01574331	1	-0.1458162	0.51429583	1	0.486	0.528
0.05720038	1	-0.7370556	0.05862811	1	0.019	0.031
0.00661463	1	-0.0059015	0.99667365	1	0.771	0.709
0.72159875	1	0.21525107	0.3110431	1	0.733	0.575

0.14339452	1	-0.0119413	0.72733901	1	0.257	0.299
0.43518074	1	-0.0464185	0.56507174	1	0.048	0.063
0.50355651	1	0.06052485	0.46494557	1	0.171	0.213
0.91246056	1	-0.9046385	0.12530497	1	0.095	0.118
0.22895378	1	-10.598234	0.15105729	1	0	0.024
0.42349475	1	0.39603055	0.83232885	1	0.057	0.039
0.79667901	1	0.08836968	0.98530136	1	0.248	0.276
0.47413309	1	-6.8349806	0.31142884	1	0	0
0.76176236	1	0.3247822	0.70840966	1	0.048	0.055
0.0755948	1	-10.736875	0.01240969	1	0	0
0.57713347	1	0.88423148	0.46422674	1	0.019	0.016
0.44490305	1	-0.0784108	0.77191787	1	0.21	0.173
0.14309652	1	-0.459873	0.94043266	1	0.019	0.008
0.09138946	1	1.34921201	0.06330265	1	0	0.031
0.30884832	1	-9.3575108	0.15105729	1	0	0
0.35638517	1	-0.4666468	0.24073833	1	0.01	0.008
0.2173112	1	2.56043913	0.02259344	1	0	0.024
0.09788214	1	-0.0866927	0.62982272	1	0.343	0.378
1	1	-0.0465426	1	1	0	0
0.97114286	1	-9.4448766	0.15105729	1	0.01	0.008
0.93088859	1	-0.4271406	0.21268411	1	0.21	0.323
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.36424001	0.32710281	1	0	0
0.2489864	1	-0.6575371	0.55819487	1	0	0.016
0.66502236	1	-0.2631524	0.15754243	1	0.448	0.291
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	8.01156808	0.32710281	1	0	0.016
0.63792001	1	1.61662807	0.33366442	1	0.029	0.008
0.47413309	1	1.00443127	0.58351143	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.36404495	0.98633536	1	0.01	0
0.21141637	1	-9.4186509	0.07816392	1	0	0
1	1	7.05827788	0.08811101	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.32049736	1	-1.9246291	0.0430539	1	0.029	0.063
0.49910514	1	0.05763529	0.54877979	1	0.029	0.016

1	1	-0.0465426	1	1	0	0
0.16745907	1	6.41130815	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.9712889	0.15105729	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.39782146	0.32710281	1	0.01	0.008
0.05012925	1	-0.0465426	1	1	0.01	0.016
1	1	8.8834583	0.08811101	1	0.019	0
0.51454679	1	-1.1961191	0.11120701	1	0.057	0.031
0.30884832	1	-0.7480995	0.54567368	1	0.048	0
0.97578525	1	0.07703373	0.9622058	1	0.019	0.016
0.47413309	1	-1.3399195	0.58671897	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50498751	1	0.46093311	0.54955383	1	0.01	0.008
0.97114286	1	-0.8266136	0.54877979	1	0	0.008
0.97638791	1	0.35514826	0.97902395	1	0	0.008
0.16745907	1	7.23744123	0.32710281	1	0.01	0.008
0.47413309	1	-2.6759102	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
0.30884832	1	-9.1985049	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.6381149	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.57710828	1	0.27412245	0.37674834	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
1	1	7.23744123	0.32710281	1	0	0
1	1	4.62806907	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.17594909	1	1.98486549	0.01256053	1	0.029	0.039
0.10142151	1	-0.3166662	0.94136293	1	0.038	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.01407416	1	-8.5771051	0.15105729	1	0	0.047
0.38981612	1	0.00146478	0.89923364	1	0.01	0.024
0.47413309	1	-7.9780574	0.31142884	1	0	0
0.41514627	1	-0.174552	0.6287492	1	0	0.024
0.35959528	1	-0.4695089	0.50964991	1	0.038	0.063

0.22307814	1	-1.8422056	0.54257632	1	0.01	0.024
0.47413309	1	-0.9045614	0.58671897	1	0.019	0
0.47413309	1	-7.8024069	0.31142884	1	0	0
0.30884832	1	1.03438033	0.67837832	1	0	0
0.25605895	1	-0.2748075	0.75769999	1	0.057	0.071
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.34262165	1	-0.247078	0.17426782	1	0.562	0.386
0.10021282	1	-0.4259841	0.6201087	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
1	1	7.55374347	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.66679513	0.16448785	1	0	0
1	1	8.80069904	0.32710281	1	0	0
1	1	8.09572549	0.32710281	1	0	0
0.98163398	1	0.22547017	0.68368941	1	0.019	0.008
0.45711606	1	-0.2818368	0.35902147	1	0.095	0.118
0.25942163	1	-2.3618675	0.13952201	1	0.01	0.008
0.55520764	1	0.59480067	0.14188699	1	0.029	0.055
0.45401298	1	0.72511613	0.27590751	1	0.105	0.087
0.47413309	1	2.1863882	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.2173112	1	0.4366758	0.97579778	1	0.057	0.024
0.49524626	1	0.82963785	0.97136346	1	0.01	0.008
0.63207829	1	0.10392659	0.64468822	1	0.057	0.079
1	1	-0.0465426	1	1	0	0
0.24940811	1	-0.1414154	0.88388419	1	0.067	0.063
0.6383117	1	0.2375653	0.50867554	1	0.152	0.189
0.22114379	1	0.18079021	0.27827652	1	0.01	0.024
0.47413309	1	2.37418891	0.33164578	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.31979951	1	0.00032179	0.79668255	1	0.038	0.039
0.14820265	1	0.46097484	0.7707728	1	0.01	0
0.92971866	1	-0.992122	0.27653576	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
0.64940841	1	-0.1464338	0.73369297	1	0.143	0.079
0.07569502	1	-0.1419378	0.92166137	1	0.057	0.079
0.1777453	1	0.04346159	0.7614578	1	0.152	0.15
0.0990826	1	0.07173333	0.57343172	1	0	0.008
0.63792001	1	1.17850388	0.98633536	1	0	0.008
0.0660254	1	-0.0703761	0.74667336	1	0.248	0.252
0.61197631	1	0.06313767	0.44782903	1	0.133	0.102

8.47E-06	0.23377891	0.16815378	0.04389678	1	0.629	0.74
0.34269756	1	0.0147445	0.88510246	1	0.381	0.339
0.25917476	1	0.2668352	0.19240819	1	0.248	0.11
0.00204625	1	0.28998652	0.11600847	1	0.429	0.457
0.73041708	1	-0.4256451	0.19953207	1	0.248	0.15
0.12234609	1	-0.0847684	0.53950144	1	0.333	0.26
0.00029584	1	0.16318386	0.05932398	1	0.752	0.717
0.16745907	1	-0.0465426	1	1	0	0.008
0.69951009	1	-0.439256	0.0318991	1	0.39	0.354
0.75456957	1	0.23605992	0.72981231	1	0.314	0.22
0.54497678	1	0.11347584	0.23298185	1	0.171	0.157
0.22220627	1	0.56370205	0.41824649	1	0.057	0.031
0.0001352	1	-0.0125515	0.35237894	1	0.743	0.74
0.09979577	1	0.4277949	0.13324836	1	0.067	0.15
0.16550025	1	0.08628843	0.61461821	1	0.362	0.331
0.78265522	1	-0.9762595	0.6287492	1	0.019	0.016
1	1	7.79264971	0.32710281	1	0.01	0
0.02966151	1	-0.5547411	0.70920315	1	0.105	0.055
0.84641122	1	0.20445948	0.48166625	1	0.133	0.071
0.52635502	1	-0.3050408	0.63569772	1	0.124	0.142
0.67046683	1	0.2886	0.46001403	1	0.524	0.236
0.97573573	1	0.21627897	0.64704093	1	0.229	0.102
1.90E-08	0.00052388	-0.03302	0.3964972	1	0.838	0.717
0.04119124	1	-0.0945284	0.99609297	1	0.41	0.22
1.55E-06	0.04274813	0.10276136	0.8811969	1	0.61	0.425
2.15E-09	5.93E-05	0.13801585	0.04476983	1	0.99	0.969
2.43E-07	0.00669464	0.00520533	0.75188487	1	0.867	0.795
0.00045804	1	-0.2311888	0.36060632	1	0.4	0.11
4.55E-06	0.12545498	0.12047835	0.22149121	1	0.971	0.921
5.55E-11	1.53E-06	-0.0437825	0.40689944	1	0.943	0.803
2.83E-06	0.07815899	0.06603169	0.19750837	1	0.981	0.945
2.87E-05	0.79328032	0.20488847	0.0215505	1	0.962	0.961
0.00014676	1	-0.0298547	0.378119	1	1	1
8.16E-06	0.2250853	-0.161611	0.02575387	1	0.981	0.827
0.73887073	1	-0.5681507	0.32458936	1	0.019	0.016
0.16745907	1	6.59547804	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.5063762	1	-1.0134123	0.54567368	1	0.01	0.016
1	1	7.08977508	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.83127816	1	0.1044155	0.77038102	1	0.105	0.039
0.47413309	1	2.44594975	0.58031208	1	0.01	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.32344247	1	-0.0035602	0.95510245	1	0.019	0.016
0.47413309	1	-7.4620449	0.31142884	1	0.01	0
0.23385587	1	0.90377743	0.98633536	1	0.01	0.016
0.23644964	1	0.86218671	0.98633536	1	0.038	0.016
0.18244024	1	-0.6904961	0.56370862	1	0.038	0.016
0.13867049	1	0.39478349	0.31255438	1	0.162	0.055
0.64367666	1	-0.9667058	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	8.6783772	0.32710281	1	0	0
0.78265522	1	0.68075501	0.51075885	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.08191174	1	0.28208763	0.27008065	1	0.295	0.213
0.5437923	1	-0.1156179	0.47762647	1	0.295	0.307
0.62010994	1	-0.1751552	0.9622058	1	0.01	0.024
0.63792001	1	-7.4172364	0.31142884	1	0	0.008
0.66802926	1	-1.1424915	0.05812974	1	0.01	0.047
0.94874689	1	0.00103747	0.60890087	1	0.105	0.039
0.47739001	1	-0.315837	0.63698278	1	0.067	0.063
0.00199908	1	-0.5022701	0.34151163	1	0.143	0.126
0.66222196	1	0.25663537	0.31283058	1	0.2	0.197
0.01311357	1	-0.0513969	0.70425203	1	0.41	0.394
0.03705692	1	-0.9178442	0.67323072	1	0.01	0.055
0.53054587	1	-0.1296222	0.42296714	1	0.229	0.244
0.81707548	1	0.15259229	0.97931167	1	0.267	0.181
0.05012925	1	8.19939406	0.04861576	1	0.01	0.016
0.71023616	1	-0.8882265	0.37411492	1	0.086	0.079
0.02744495	1	0.35513864	0.2810608	1	0.19	0.197
0.17333404	1	-0.6750559	0.36501995	1	0.105	0.181
0.61207	1	0.29029536	0.76698597	1	0.181	0.15
0.32551143	1	0.09019804	0.24736532	1	0.076	0.087
0.05710004	1	0.25127085	0.79382896	1	0.057	0.008
1	1	-0.0465426	1	1	0	0
0.86467862	1	-0.3744774	0.3929674	1	0.048	0.079
0.02901576	1	0.33296435	0.24509006	1	0.505	0.457
0.13274125	1	-0.4541237	0.59843487	1	0.038	0.079
0.17258667	1	0.20878782	0.44038782	1	0.19	0.126
0.75593955	1	0.05779389	0.34478646	1	0.048	0.063
1	1	-0.0465426	1	1	0	0
0.57938412	1	-2.5291213	0.17908772	1	0.057	0.039
0.30884832	1	-0.4456944	0.97257202	1	0.01	0

6.19E-05	1	1.81915562	0.01276213	1	0.057	0.11
0.7339721	1	-0.2134396	0.28982107	1	0.257	0.236
0.21141637	1	-1.5396636	0.30042403	1	0.01	0
0.08660331	1	0.12829599	0.89106838	1	0.457	0.48
0.30884832	1	0.48611577	0.68368941	1	0	0
0.76515714	1	-3.7334103	0.09144775	1	0.057	0.016
1	1	8.9711861	0.32710281	1	0	0
0.24139747	1	0.54671439	0.1824936	1	0.029	0.063
0.23906368	1	0.59429741	0.98633536	1	0	0.016
0.2279672	1	0.17221976	0.26311691	1	0.505	0.402
1	1	-0.0465426	1	1	0	0
0.26424529	1	0.88461482	0.31905601	1	0.086	0.087
0.11137961	1	0.49518657	0.35750245	1	0.248	0.252
0.76515714	1	0.34645094	0.80309416	1	0.01	0.016
0.84746804	1	0.47401055	0.09714771	1	0.048	0.055
0.54946364	1	0.22414531	0.51880579	1	0.4	0.346
0.90595727	1	-0.6803368	0.00273437	1	0.381	0.362
0.9795097	1	-0.4951953	0.3922811	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.00648492	1	0.67429617	0.30634803	1	0.01	0.102
0.00070839	1	0.06508903	0.68811077	1	0.419	0.535
0.47413309	1	0.24518348	0.98633536	1	0	0
1	1	9.03256784	0.32710281	1	0.01	0
0.00031765	1	0.00047632	0.78935296	1	0.143	0.283
0.21141637	1	-0.6196257	0.6287492	1	0	0
0.08961107	1	1.67421018	0.98225045	1	0	0.031
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8235717	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.11282177	1	0.35383921	0.1080196	1	0.248	0.315
0.46920001	1	-0.2050832	0.56354515	1	0.152	0.189
0.33425077	1	-0.0375036	0.69816722	1	0.019	0.016
0.63792001	1	1.67565729	0.98633536	1	0	0.008
0.21353355	1	0.03194556	0.46927789	1	0.105	0.063
0.42051315	1	1.9084842	0.08783266	1	0.038	0.024
0.15840253	1	0.01102102	0.79626719	1	0.238	0.118
0.10326315	1	-0.5191659	0.27275402	1	0.057	0.024
0.05012925	1	10.1774214	0.04861576	1	0.019	0.016
0.30884832	1	-0.2463125	0.97579778	1	0	0
0.16745907	1	8.45997306	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.19371732	1	-0.0853097	0.73667909	1	0.019	0.008
0.73302993	1	1.01271106	0.11181181	1	0.029	0.039

0.05518868	1	-0.4114111	0.06417853	1	0.352	0.291
1	1	7.45293032	0.32710281	1	0.01	0
0.80965444	1	-0.3512871	0.44207557	1	0.124	0.205
0.08384267	1	0.65064948	0.46270709	1	0.114	0.142
0.21580983	1	0.22220904	0.96863888	1	0.01	0.055
0.16745907	1	8.00439869	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.19173742	1	-0.0105595	0.64100762	1	0.39	0.394
0.10536053	1	1.80763329	0.01735881	1	0.01	0
0.23644964	1	-7.9780574	0.31142884	1	0.019	0.016
0.08548864	1	1.23477907	0.58351143	1	0.019	0.024
0.19246631	1	0.17362239	0.585039	1	0.048	0.016
0.21649938	1	-0.0654493	0.71189514	1	0.305	0.299
0.26680846	1	-0.2989464	0.72628975	1	0.019	0.008
0.63792001	1	3.12558376	0.1880184	1	0	0.008
0.79051383	1	1.06722668	0.72545613	1	0	0.016
0.56245206	1	-0.0806078	0.86640012	1	0.048	0.11
0.13890933	1	-0.5454767	0.89096122	1	0	0.024
0.97638791	1	-0.3570111	0.54877979	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.49180172	1	-1.5819785	0.53504136	1	0	0.024
0.01646931	1	-0.9078756	0.02575633	1	0.057	0.055
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.9208318	0.15105729	1	0	0
0.47413309	1	-1.0826991	0.58671897	1	0	0
0.47413309	1	0.91959922	0.58351143	1	0	0
0.30884832	1	-9.3786267	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	1.32080474	0.33366442	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.10281436	1	-0.0604337	0.93839035	1	0.057	0.087
1	1	-0.0465426	1	1	0	0
1	1	8.34854649	0.16448785	1	0	0
0.63221493	1	-0.2613795	0.62876734	1	0.333	0.244
0.47413309	1	-3.3559228	0.98178118	1	0	0
0.17618748	1	0.37717642	0.37548385	1	0.314	0.354
1	1	-0.0465426	1	1	0	0
0.01621721	1	8.77202974	0.16448785	1	0.01	0.024
0.13025436	1	-0.0296604	0.85339029	1	0.505	0.409
0.3508946	1	-1.0733019	0.3573357	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.78636121	1	0.27754025	0.47829659	1	0.038	0.039

1	1	-0.0465426	1	1	0	0
0.3212493	1	0.70724396	0.14188455	1	0.057	0.047
0.89804226	1	0.36823601	0.52991546	1	0.133	0.094
0.00027147	1	0.06655681	0.29077094	1	0.914	0.866
0.00140716	1	-0.3258821	0.0397088	1	0.362	0.331
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.0458372	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.00608203	1	-0.6884821	0.0552278	1	0.133	0.134
0.49918461	1	0.35014691	0.38940818	1	0.143	0.071
0.02832805	1	-0.4764202	0.55011778	1	0.029	0.008
0.78658181	1	-1.4171198	0.30231602	1	0.01	0.016
0.19333003	1	0.1140373	0.29361445	1	0.619	0.693
0.71450896	1	-0.6542001	0.73247177	1	0.143	0.087
0.06587835	1	-0.5327982	0.74687836	1	0.105	0.024
0.13018485	1	1.12351659	0.00190393	1	0.038	0.079
0.49698106	1	-1.2640432	0.02646183	1	0.114	0.134
0.62275725	1	0.45941864	0.47209756	1	0.19	0.213
0.04081128	1	-0.4404377	0.4433216	1	0.19	0.134
0.02218432	1	-0.596206	0.30831793	1	0.067	0.079
0.72230024	1	-0.6965762	0.14796871	1	0.181	0.15
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.03640937	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.78658181	1	0.98231255	0.22343352	1	0.01	0.016
0.47413309	1	-0.5563446	0.58671897	1	0	0
0.47413309	1	-7.5818323	0.31142884	1	0	0
0.64367666	1	0.41406119	0.98633536	1	0.029	0.008
0.13196799	1	-1.2316547	0.06817679	1	0.057	0.039
0.07272725	1	0.24657312	0.53067194	1	0.124	0.142
0.69915032	1	-0.30026	0.28374343	1	0.076	0.071
1	1	-0.0465426	1	1	0	0
0.55878825	1	1.15186823	0.05373269	1	0.076	0.071
0.21141637	1	-2.8284358	0.29853994	1	0.01	0
0.06547478	1	0.4539955	0.16330355	1	0.19	0.228
0.25628072	1	-0.0277313	0.6600825	1	0.314	0.402
0.12181439	1	0.47917282	0.26558759	1	0.086	0.126
0.05458447	1	0.07094158	0.66426999	1	0.038	0
0.27345765	1	0.21134977	0.36151276	1	0.105	0.11
0.30884832	1	-8.7151948	0.15105729	1	0	0
0.71858436	1	0.11943879	0.79588612	1	0.4	0.331
0.56579271	1	0.05782595	0.74694647	1	0.038	0.039

0.0834342	1	1.68700807	0.19045963	1	0.01	0.024
0.95329668	1	0.12281757	0.42274991	1	0.333	0.268
0.7618558	1	-3.0615983	0.43640704	1	0.01	0.016
0.57602172	1	-0.7947746	0.32890694	1	0.048	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.82454786	1	0.90309189	0.07295546	1	0.105	0.047
0.63792001	1	-7.4708351	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.93764323	1	-0.2879143	0.95510245	1	0	0.031
0.64367666	1	1.30152669	0.19292413	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.0219857	0.98633536	1	0	0
0.36773489	1	-0.4897293	0.85059336	1	0.029	0.039
0.38212401	1	-0.4117877	0.7389081	1	0.076	0.126
0.06773611	1	0.12376916	0.29723605	1	0.333	0.307
0.36550422	1	-0.4454273	0.15994112	1	0.105	0.094
0.44376532	1	0.11246254	0.90606019	1	0.171	0.173
0.00286636	1	-0.8862244	0.2748042	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5244913	0.31142884	1	0	0
0.64367666	1	0.18968715	0.58671897	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.30554568	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
1.09E-07	0.00301883	-0.5857932	0.0098562	1	0.257	0.291
0.35555585	1	0.12454773	0.25297999	1	0.314	0.26
0.3454204	1	0.56558437	0.07399944	1	0.076	0.134
0.21047196	1	0.65433559	0.00103935	1	0.124	0.157
0.01994964	1	-0.2368742	0.44127194	1	0.133	0.142
0.83513046	1	-0.0206419	0.40064506	1	0.038	0.055
0.30884832	1	0.64504799	0.97902395	1	0.029	0
0.25473424	1	-1.050459	0.55681952	1	0.019	0.016
0.64367666	1	-8.5217151	0.31142884	1	0	0.008
1	1	10.0840001	0.00885195	1	0	0
0.70632053	1	-0.0672068	0.8042969	1	0.59	0.52
0.90333077	1	-0.3635056	0.52812962	1	0.095	0.118
2.41E-08	0.00066545	0.06002671	0.91651518	1	0.867	0.882
0.81520017	1	-0.6308231	0.11306812	1	0.2	0.189

0.0009542	1	0.31489814	0.07083097	1	0.781	0.811
0.08925176	1	-0.562005	0.38852416	1	0.095	0.094
0.96947097	1	-0.1730122	0.19247462	1	0.419	0.378
0.23906368	1	1.64976206	0.10994172	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.63792001	1	-0.9195308	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.3647287	1	-1.0893082	0.18498812	1	0.029	0.047
0.0265729	1	0.19126017	0.61172308	1	0.048	0.024
0.30884832	1	-0.702768	0.9693467	1	0	0
0.22114379	1	-9.1781328	0.15105729	1	0.01	0.024
0.85063491	1	-0.1135641	0.71390809	1	0.352	0.323
0.10363172	1	-0.6004034	0.54315761	1	0.057	0.008
0.50827868	1	0.5122198	0.25865663	1	0.219	0.236
0.90922534	1	-0.0712628	0.89466443	1	0.438	0.386
0.96914701	1	0.07203293	0.70171009	1	0.124	0.134
0.80795267	1	-0.6425676	0.34821481	1	0.086	0.047
0.16745907	1	7.77248779	0.32710281	1	0	0.008
0.96784692	1	-0.4726074	0.14816373	1	0.286	0.339
0.98163398	1	0.44533319	0.27963836	1	0.029	0.008
0.75394167	1	-0.1474028	0.60762339	1	0.352	0.315
0.30884832	1	-0.339259	0.97257202	1	0	0
0.68243169	1	0.66010799	0.34474865	1	0.01	0.031
1	1	8.1586038	0.32710281	1	0	0
0.98700186	1	-0.0135859	0.62454829	1	0.171	0.102
0.45798521	1	0.69581219	0.49406605	1	0.038	0.11
0.70446388	1	-2.6600515	0.29853994	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.23086783	1	-1.3998212	0.03016866	1	0.038	0.071
0.94036043	1	-0.1095088	0.60578247	1	0.267	0.22
0.01997488	1	-0.0829869	0.964612	1	0.086	0.094
2.25E-05	0.62163606	-0.0600959	0.21127712	1	0.019	0.031
0.47413309	1	-2.3697252	0.98178118	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	10.1573089	0.32710281	1	0	0
1	1	8.83721446	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.75197797	1	-0.0613741	0.31819411	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	9.01230913	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.21480373	0.98633536	1	0	0

1	1	8.60149159	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.83721446	0.32710281	1	0	0
0.47413309	1	-8.5811275	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.19595788	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
3.92E-08	0.00108296	-0.2418584	0.29971676	1	0.086	0.197
0.50825689	1	-0.5439257	0.39045234	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.62342179	1	-0.2872679	0.44208851	1	0.133	0.173
1	1	8.12351469	0.32710281	1	0	0
0.50498751	1	-1.0161642	0.16931443	1	0.019	0.008
0.17204225	1	0.15353595	0.26598493	1	0.486	0.583
0.13760108	1	-0.0896083	0.78377978	1	0.048	0.047
0.47413309	1	-8.5407297	0.31142884	1	0	0
0.49524626	1	-1.2886341	0.66429835	1	0	0.008
0.41252	1	0.05768556	0.98601432	1	0.076	0.079
0.00259792	1	2.27880287	0.04877923	1	0.019	0.079
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00228034	1	0.84265852	0.73467898	1	0.038	0.071
0.70023339	1	1.34096398	0.49792414	1	0	0.008
0.86762812	1	1.30269727	0.36332516	1	0.048	0.031
0.80547561	1	0.20265649	0.95372793	1	0.057	0.102
0.74520048	1	-0.4789333	0.33515561	1	0.238	0.236
0.63792001	1	-0.9564407	0.58671897	1	0.019	0.008
0.13420309	1	-1.7196775	0.04375882	1	0.01	0.079
1	1	-0.0465426	1	1	0	0
0.0725661	1	-0.3856494	0.08785176	1	0.133	0.142
0.81016766	1	0.60305485	0.32821722	1	0.038	0.031

0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.21141637	1	0.39304963	0.97096043	1	0.01	0
1.83E-07	0.00504574	-0.2145423	0.20045328	1	0.038	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.52219054	0.04861576	1	0.01	0
0.14205396	1	-0.9736787	0.2195139	1	0	0.008
0.19360484	1	0.61440837	0.44469214	1	0.086	0.016
1	1	-0.0465426	1	1	0	0
0.51444696	1	-0.8475778	0.27744044	1	0.019	0.055
0.47413309	1	2.1049842	0.0373333	1	0	0
0.47413309	1	1.13550198	0.98633536	1	0	0
1	1	8.29585321	0.32710281	1	0.01	0
1	1	6.18800819	0.16448785	1	0	0
0.47413309	1	-0.9199563	0.58671897	1	0	0
1	1	-0.0465426	1	1	0	0
0.00100145	1	0.1289673	0.6162755	1	0.181	0.118
0.82795697	1	0.04458859	0.80543987	1	0.181	0.142
0.44426383	1	0.26290828	0.83493009	1	0.019	0.063
0.0015771	1	0.27258413	0.29696071	1	0.086	0.079
0.00044732	1	0.04888417	0.41175179	1	0.019	0.047
0.25876011	1	-0.3238053	0.65339538	1	0.095	0.047
9.56E-05	1	-0.2962154	0.30072256	1	0.105	0.15
0.01584797	1	-0.263096	0.50167886	1	0.029	0.087
0.43808455	1	-1.5956467	0.12202067	1	0.048	0.031
0.05489854	1	0.82862228	0.08766704	1	0.124	0.118
0.95212756	1	0.04153284	0.80309882	1	0.105	0.071
0.19821028	1	0.30448677	0.05079435	1	0.124	0.181
0.00270788	1	0.06437758	0.87451787	1	0.067	0.094
0.64748306	1	-0.417048	0.13411164	1	0.067	0.118
0.10694731	1	-0.1644562	0.94431579	1	0.21	0.291
0.00078879	1	0.37683891	0.15040546	1	0.286	0.331
1	1	8.02637759	0.16448785	1	0	0
0.85086546	1	-0.0869047	0.43469734	1	0.324	0.315
0.88003155	1	0.12880029	0.9275078	1	0.19	0.157
0.01030233	1	0.43164559	0.01085164	1	0.352	0.37
0.0308152	1	-0.1131316	0.89215165	1	0.486	0.504
0.47413309	1	-7.998109	0.31142884	1	0	0
0.18163988	1	-0.0695889	0.68642476	1	0.105	0.126
0.00130549	1	-0.1373237	0.47184381	1	0.219	0.118
0.11497648	1	-0.1908506	0.96823189	1	0.19	0.157
0.62910097	1	0.37906407	0.45800115	1	0.105	0.079

0.09728141	1	-0.6235771	0.03245593	1	0.267	0.276
0.00171278	1	-0.1271801	0.3958824	1	0.076	0.118
0.16313804	1	0.1538787	0.36702952	1	0.438	0.378
0.56039438	1	0.2293505	0.55131811	1	0.248	0.236
0.78353131	1	-0.9636991	0.401989	1	0.219	0.094
0.11338429	1	-0.2608712	0.31694739	1	0.124	0.079
1	1	-0.0465426	1	1	0	0
0.8122677	1	0.02341263	0.69507416	1	0.076	0.134
1	1	-0.0465426	1	1	0	0
0.0990826	1	0.03782863	0.71170545	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.18875026	1	-0.338329	0.21621873	1	0.248	0.268
1	1	-0.0465426	1	1	0	0
0.94077169	1	-1.1312158	0.2175511	1	0.048	0.055
0.15594599	1	-0.4674036	0.11778721	1	0.038	0.016
0.93603684	1	-2.0972659	0.05364992	1	0.048	0.055
0.16013099	1	-0.1837299	0.63314429	1	0.533	0.449
0.81870813	1	-0.3244249	0.16173569	1	0.152	0.157
0.34847124	1	0.26980688	0.24975854	1	0.162	0.173
0.30884832	1	-1.2855037	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	2.24750252	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	2.92292844	0.32963505	1	0	0.008
9.79E-06	0.27015571	0.11272629	0.18710784	1	0.705	0.701
0.01537446	1	0.1280093	0.77772427	1	0.514	0.52
0.10589387	1	0.26949328	0.01090844	1	0.61	0.614
0.07416785	1	-0.1169267	0.45047145	1	0.705	0.717
0.64367666	1	2.08413728	0.10994172	1	0	0.008
1	1	8.69426103	0.32710281	1	0	0
0.60419142	1	-0.0421297	0.98443811	1	0.114	0.102
0.11342003	1	-0.3349314	0.39361541	1	0.067	0.11
0.15883397	1	-0.0362229	0.86925399	1	0.352	0.386
0.16745907	1	7.39648698	0.32710281	1	0.01	0.008
8.48E-06	0.23411543	0.12433288	0.898945	1	0.238	0.15
0.30884832	1	0.36628352	0.67837832	1	0	0
1	1	-0.0465426	1	1	0	0
0.88921667	1	-0.1657681	0.93183651	1	0.086	0.102
0.47413309	1	-1.004654	0.98178118	1	0.01	0
1	1	6.35720241	0.32710281	1	0	0
0.767009	1	0.12289951	0.97863411	1	0.448	0.276
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.07249211	1	2.16550557	0.00670244	1	0.019	0.055
0.72596093	1	0.00165379	0.99747269	1	0.314	0.173
0.61327809	1	0.01623523	0.92628631	1	0.171	0.126
0.95717252	1	-0.6952287	0.95991711	1	0.01	0.016
0.30884832	1	-1.2063924	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
0.32618718	1	-0.5403897	0.0094617	1	0.314	0.189
0.63792001	1	1.91716382	0.58031208	1	0	0.008
1	1	-0.0465426	1	1	0.01	0
0.71530364	1	0.64461498	0.28457294	1	0.038	0.079
0.64657222	1	0.0212071	0.92135445	1	0.352	0.236
1	1	-0.0465426	1	1	0	0
0.02144122	1	-0.4815228	0.31411959	1	0.095	0.134
0.15081866	1	0.09764044	0.76781571	1	0.305	0.26
0.69180038	1	-1.1465707	0.74626143	1	0	0.008
0.9584575	1	0.46573249	0.18730519	1	0.152	0.157
1	1	-0.0465426	1	1	0	0
1	1	7.08917494	0.32710281	1	0	0
0.1837755	1	0.08312999	0.98359055	1	0.124	0.087
0.00493287	1	-0.2041906	0.63029115	1	0.162	0.094
1	1	9.7584393	0.16448785	1	0.01	0
0.10715129	1	0.55486959	0.34417587	1	0.076	0.11
0.968338	1	0.63293376	0.56511287	1	0.029	0.016
0.52239215	1	-0.1328151	0.85977458	1	0.124	0.134
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.04841819	0.97579778	1	0	0
0.26257723	1	0.0714132	0.59824772	1	0.152	0.126
0.47413309	1	-7.1238738	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.00141295	1	0.91753825	2.63E-08	0.00072559	0.238	0.417
0.85659646	1	-0.1154122	0.80414827	1	0.048	0.063
0.47413309	1	-7.4620449	0.31142884	1	0	0
0.8214636	1	0.12316691	0.42631645	1	0.067	0.094
0.63792001	1	-0.4363241	0.58671897	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50172925	1	-1.3680719	0.39045234	1	0.01	0.008
0.56955605	1	0.61258918	0.27745336	1	0.029	0.071
0.64367666	1	-1.988343	0.98178118	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.993511	0.31142884	1	0	0
0.30884832	1	-0.9430143	0.54877979	1	0	0
0.30884832	1	-9.6926326	0.15105729	1	0	0

1	1	-0.0465426	1	1	0	0
0.97114286	1	-9.1201794	0.15105729	1	0.01	0.008
0.53277999	1	0.25012987	0.58740553	1	0.019	0.055
0.97114286	1	-1.6832709	0.44359701	1	0	0.008
1	1	8.56220739	0.16448785	1	0.019	0
0.30884832	1	0.29987996	0.97902395	1	0	0
0.01621721	1	8.38222149	0.16448785	1	0	0.024
0.85925291	1	-0.0522852	0.78951369	1	0.076	0.126
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.22502458	1	1.81724181	0.10304143	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.4410975	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.65044825	1	0.53336943	0.56640744	1	0.029	0.024
0.10903899	1	0.22043544	0.5098416	1	0.067	0.063
1	1	-0.0465426	1	1	0	0
0.93939132	1	0.63826365	0.57805857	1	0.057	0.047
0.94824072	1	-0.9612092	0.72506741	1	0.019	0.031
0.65044825	1	-0.5964798	0.22939326	1	0.019	0.024
0.05012925	1	7.84026543	0.32710281	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.97114286	1	0.99402698	0.43576121	1	0	0.008
0.45303601	1	0.89437872	0.06637311	1	0.01	0.016
0.23644964	1	4.56770646	0.02085575	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.1398126	1	-1.92723	0.28567976	1	0.019	0.016
0.17840678	1	0.49564248	0.0534067	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.41948352	1	0.03011765	0.95400122	1	0.029	0.039
0.75240068	1	0.27118048	0.53712465	1	0	0.039
0.00505857	1	0.80225777	0.04009666	1	0.229	0.26
0.04352433	1	-0.4298035	0.11761732	1	0.114	0.157
1	1	-0.0465426	1	1	0	0
0.25028193	1	0.12038228	0.50210485	1	0.152	0.118
0.15172172	1	-0.1151601	0.88688228	1	0.095	0.173
0.3911105	1	0.37505555	0.14693965	1	0.305	0.354
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.0257918	0.31142884	1	0	0
0.11983528	1	-0.9022264	0.07837625	1	0.038	0.039

0.22120268	1	0.46100204	0.34904104	1	0.124	0.079
0.48925713	1	0.00695477	0.91279983	1	0.171	0.157
1	1	-0.0465426	1	1	0.01	0
0.0395935	1	-0.8743256	0.92415679	1	0.019	0
0.10370508	1	-0.571812	0.58424115	1	0.019	0.016
0.63648767	1	0.09568696	0.66260343	1	0.067	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.5887839	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.01351845	0.32710281	1	0	0
0.62073596	1	0.40033722	0.67681896	1	0.019	0.024
0.01685628	1	-0.2640093	0.62726967	1	0.057	0.039
0.47413309	1	2.95013563	0.18923611	1	0.038	0
0.38750674	1	-0.3238992	0.64297332	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	8.66748274	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-0.4458809	0.95991711	1	0	0
1	1	-0.0465426	1	1	0	0
0.90039257	1	0.85736695	0.06632866	1	0.029	0.039
1	1	7.96988348	0.32710281	1	0	0
0.19956371	1	0.53339397	0.36328036	1	0.067	0.039
0.19233053	1	-0.7648133	0.52191395	1	0.019	0.008
0.68123225	1	-0.5846727	0.80459425	1	0.105	0.126
0.06751539	1	-0.0286062	0.74197591	1	0.038	0.126
0.42635441	1	0.06925697	0.89557606	1	0.076	0.15
0.00388214	1	0.04841212	0.98633536	1	0	0.047
0.10079635	1	-0.1873015	0.62610808	1	0.086	0.189
0.07840277	1	-0.7619656	0.50122954	1	0.076	0.031
0.00233886	1	0.15016175	0.20957946	1	0.686	0.543
0.85159152	1	0.27577076	0.52816863	1	0.086	0.079
0.70419548	1	0.23652925	0.07042927	1	0.362	0.331
0.61953	1	-0.2533307	0.50284516	1	0.095	0.102
1	1	-0.0465426	1	1	0	0
0.78950928	1	-0.0766568	0.37954033	1	0.238	0.197

0.05024246	1	-0.5819346	0.50691504	1	0.048	0.024
0.08968518	1	-0.2108965	0.51445741	1	0.01	0.039
1	1	-0.0465426	1	1	0.01	0
0.20003286	1	-0.7893139	0.0060607	1	0.352	0.276
0.10865525	1	0.13528396	0.89643167	1	0.095	0.071
0.22496403	1	1.68507176	0.02273335	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.10536053	1	-3.2312057	0.09144775	1	0	0
0.47413309	1	-8.8240556	0.31142884	1	0	0
0.73544228	1	1.63456088	0.02314934	1	0	0.039
1	1	7.9729644	0.16448785	1	0	0
0.31541824	1	-0.239622	0.9078464	1	0.171	0.118
0.88496911	1	0.40213449	0.07839606	1	0.171	0.079
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	7.58766965	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.84408382	1	-0.733027	0.82406313	1	0.029	0.024
0.35280833	1	-0.2944166	0.45522931	1	0.21	0.22
0.18961742	1	0.23055561	0.4286322	1	0.048	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.79051383	1	-2.8907824	0.29853994	1	0.019	0.016
0.01805928	1	0.05613903	0.72230209	1	0.581	0.646
0.5509458	1	0.63425867	0.27175835	1	0.19	0.071
0.63792001	1	-8.4064971	0.31142884	1	0.01	0.008
0.66154983	1	0.12660051	0.66701744	1	0.2	0.189
0.47413309	1	-8.0607463	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.36869196	1	1.55949559	0.1011589	1	0.029	0.008
0.70023339	1	1.03304547	0.14349362	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
9.06E-05	1	0.19537227	0.72739919	1	0.124	0.173
1	1	-0.0465426	1	1	0	0
0.97114286	1	0.28900833	0.97579778	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4934072	0.31142884	1	0.01	0
1	1	7.96988348	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.78265522	1	-2.4038993	0.62361645	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.47413309	1	-3.5170349	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.20319422	0.16448785	1	0	0
0.13692847	1	-0.6284639	0.72506741	1	0	0.008
0.05458447	1	-0.8705152	0.33493829	1	0.029	0
0.30884832	1	-0.2526551	0.68368941	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.03181002	1	0.57632072	0.09648576	1	0.048	0.063
0.30884832	1	2.26541837	0.26622307	1	0	0
1	1	5.45342005	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	3.267323	0.03604143	1	0.029	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.4465503	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.687866	0.31142884	1	0	0
1	1	10.0696423	0.04861576	1	0	0
0.47413309	1	0.99548675	0.33366442	1	0.01	0
1	1	8.46691455	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.49910514	1	4.07503064	0.00057743	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.38129303	1	-0.5079846	0.20917321	1	0.21	0.26
1	1	-0.0465426	1	1	0	0
0.86316875	1	-1.2662448	0.68732408	1	0.038	0.024
1	1	9.21412162	0.16448785	1	0	0
0.47413309	1	1.82571498	0.33164578	1	0	0
1	1	-0.0465426	1	1	0	0
0.22419756	1	0.3889074	0.77629217	1	0.133	0.181
0.10536053	1	-2.3835371	0.23464493	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	4.95779975	0.32710281	1	0	0

1	1	-0.0465426	1	1	0	0
0.10536053	1	-3.096239	0.09144775	1	0	0
0.88732559	1	0.32984091	0.08053682	1	0.143	0.236
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.96089352	1	-2.4644671	0.38499722	1	0	0.016
1	1	8.40232557	0.32710281	1	0	0
0.0755948	1	-1.976558	0.14106689	1	0.01	0
0.14820265	1	0.1450492	0.56685464	1	0	0
0.21141637	1	1.01183924	0.05820916	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.25942163	1	-0.3919416	0.29860722	1	0	0.008
0.16745907	1	8.4580286	0.32710281	1	0	0.008
0.97114286	1	-0.2025093	0.44359701	1	0.029	0.008
0.30884832	1	-0.6009187	0.9693467	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	4.64722057	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.9178457	1	-0.5023986	0.74370032	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
0.69180038	1	-11.744225	0.07816392	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-0.0381879	0.9683218	1	0.01	0
0.03381163	1	-0.1308512	0.91940687	1	0.067	0.071
1	1	-0.0465426	1	1	0	0
0.98163398	1	-8.2682459	0.15105729	1	0	0.008
0.47413309	1	-0.4035908	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.2666421	0.98178118	1	0	0
0.82193397	1	-10.379321	0.02261846	1	0	0.024
0.49950088	1	0.16015834	0.68675045	1	0	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.62930386	1	-1.2163503	0.39045234	1	0	0.024

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.9434849	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.0259505	1	0.4606273	0.03337852	1	0.276	0.26
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.22698312	1	1.61140722	0.06403846	1	0.038	0.024
0.98163398	1	0.46631699	0.68103189	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.86559851	1	-0.0320359	0.46222698	1	0.324	0.346
1	1	-0.0465426	1	1	0.01	0
0.74541514	1	0.29187913	0.43802297	1	0.01	0.016
1	1	7.80950626	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	-0.8698984	0.97579778	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.22502458	1	-2.5088955	0.9693467	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.21141637	1	-1.5018549	0.62361645	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.4580286	0.32710281	1	0	0
0.00442332	1	-0.3304817	0.37131484	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.9313206	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.05458447	1	-0.8446027	0.50974607	1	0.019	0
0.00907642	1	-0.2319009	0.7754065	1	0.238	0.236
0.07805911	1	0.54585449	0.56337368	1	0.01	0.047
0.0755948	1	0.514792	0.24844147	1	0.019	0
1	1	-0.0465426	1	1	0	0

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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.22647255	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.41031691	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.17766196	1	0.01364724	0.83271083	1	0.133	0.134
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.7861254	0.31142884	1	0	0
0.43976254	1	0.04683032	0.48510951	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.48761694	1	0.53434426	0.24351607	1	0.019	0.024
0.1868474	1	-1.4069723	0.26583647	1	0	0.016
0.14820265	1	-10.474833	0.04168349	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	9.16249853	0.16448785	1	0.01	0
1	1	8.41738457	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.49910514	1	-0.3942203	0.54877979	1	0	0.016
0.05950025	1	-0.4366431	0.08876723	1	0.095	0.031
0.47413309	1	-2.5844886	0.98178118	1	0	0
0.50287876	1	-0.074698	0.70535939	1	0.057	0.031
1	1	-0.0465426	1	1	0	0
0.34260615	1	0.23240246	0.19395508	1	0	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.79051383	1	-9.3430378	0.07816392	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.21141637	1	3.29202912	0.00166613	1	0	0
0.76941428	1	-1.1107866	0.07094197	1	0.095	0.071
1	1	-0.0465426	1	1	0	0
1	1	8.07204347	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.16991547	1	0.80522308	0.39192897	1	0.048	0.039
0.23023151	1	-0.1847697	0.76479093	1	0.057	0.047
1	1	-0.0465426	1	1	0	0

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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.12896402	1	-0.9301511	0.37426413	1	0.105	0.047
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.9231413	0.08811101	1	0.038	0.008
0.23385587	1	2.63017746	0.32963505	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.97638791	1	-9.0691673	0.15105729	1	0	0.008
0.85043588	1	-0.7781165	0.45006907	1	0	0.024
0.64367666	1	-0.1008169	0.19292413	1	0.01	0.008
0.01352452	1	-0.5688619	0.27356165	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
0.17231004	1	0.86311578	0.39192897	1	0.01	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05458447	1	-1.5224095	0.32760256	1	0.01	0
0.70446388	1	-9.1983537	0.07816392	1	0.019	0.008
0.65941505	1	-0.7748152	0.4319721	1	0.048	0.039
0.50273372	1	-8.3110474	0.15105729	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	8.89785348	0.32710281	1	0	0
0.28192725	1	-0.2953979	0.40536269	1	0.095	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.83774189	1	0.92201214	0.59303043	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.13574534	0.33366442	1	0	0
0.30884832	1	0.51530805	0.98225045	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.62623274	1	0.58015072	0.39328908	1	0.038	0.024
1	1	4.64722057	0.32710281	1	0	0
0.47413309	1	0.00886854	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.57932355	0.98633536	1	0.01	0
1	1	8.38142637	0.32710281	1	0	0
0.57703477	1	0.66377236	0.03122363	1	0.248	0.142
0.47413309	1	-0.3984348	0.98178118	1	0	0
0.98163398	1	0.27227269	0.97902395	1	0	0.008

0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.69180038	1	-1.1764473	0.9604081	1	0	0.008
0.24691824	1	-0.5859934	0.3535268	1	0.048	0.031
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.63792001	1	-0.0996357	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.85998207	1	0.63036914	0.2185464	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.10536053	1	-0.5100356	0.95074337	1	0.019	0
0.8236294	1	-0.1352613	0.82472161	1	0.257	0.331
0.50494837	1	-0.6643857	0.08351672	1	0.152	0.197
0.34895132	1	0.28265063	0.13268241	1	0.295	0.339
0.36373785	1	-1.3234597	0.43810161	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.64367666	1	1.49622688	0.33366442	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.02102196	1	-1.151892	0.39535266	1	0.01	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.7458931	0.54877979	1	0	0
1	1	-0.0465426	1	1	0	0
0.77481873	1	0.09194061	0.97096043	1	0.01	0.016
0.62316808	1	-0.2744413	0.9622058	1	0.01	0.024
0.16745907	1	7.2622947	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.3738304	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
0.71621841	1	-3.0110489	0.01639383	1	0.048	0.039
0.97638791	1	-1.3823168	0.54567368	1	0.01	0.008
0.05458447	1	-1.1000618	0.51581139	1	0.019	0
1	1	5.9351485	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0

0.47413309	1	-0.9048702	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.2187782	0.98178118	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	-1.5575216	0.54257632	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.53282244	0.58031208	1	0	0
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1	1	-0.0465426	1	1	0	0
0.47413309	1	1.13515158	0.98633536	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.776991	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.89239927	1	0.04120983	0.84410239	1	0.19	0.189
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.12509839	0.98633536	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.92131087	0.16448785	1	0	0
0.64367666	1	-1.3743037	0.33569097	1	0	0.008
0.74214061	1	-1.4988831	0.44491762	1	0	0.016
0.30884832	1	0.00338658	0.97579778	1	0	0
0.85998207	1	-0.5803108	0.69732252	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.50825689	1	1.40749497	0.38115117	1	0.057	0.008
0.70023339	1	0.4412715	0.63389996	1	0	0.008

0.43930981	1	-0.3854448	0.63215672	1	0.133	0.118
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.7066122	0.31142884	1	0	0
0.26680846	1	-1.242051	0.14419606	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1635828	0.31142884	1	0	0
0.16745907	1	7.67936043	0.32710281	1	0	0.008
0.70446388	1	-0.3638299	0.96568352	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.76969987	1	-0.780922	0.7162864	1	0	0.024
0.64367666	1	0.34917717	0.33569097	1	0.01	0.008
0.47413309	1	-7.5462737	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.61559091	1	-0.0791777	0.91372642	1	0.067	0.079
0.47413309	1	-7.5818323	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.97409004	1	-0.3739343	0.8711254	1	0.048	0.087
0.57938412	1	0.91306448	0.04508626	1	0.01	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.3483951	0.31142884	1	0	0
0.21141637	1	-1.4803143	0.30231602	1	0.01	0
0.21141637	1	-0.2384078	0.51445741	1	0.01	0
0.64367666	1	-8.7593625	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.4668553	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
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0.79287961	1	-0.8425331	0.20014681	1	0.105	0.126
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.2474596	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.66087839	0.98633536	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.30884832	1	1.39918835	0.98225045	1	0	0
1	1	7.7449837	0.32710281	1	0	0
0.70446388	1	-9.0418841	0.07816392	1	0.029	0.008
0.47413309	1	-7.0257918	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.50498751	1	0.95375711	0.18045467	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.79764286	1	-0.0348417	0.2986698	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.21141637	1	-0.6230806	0.96568352	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.9272492	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	6.62239553	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.11908801	0.32710281	1	0	0
0.30884832	1	-2.4821252	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.07645072	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.79264971	0.32710281	1	0	0
1	1	7.92787775	0.32710281	1	0	0
0.29123905	1	1.17339441	0.01046819	1	0	0.024
0.95878114	1	0.38839011	0.49275031	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.01124277	1	0.99468857	0.09043785	1	0.038	0
0.00542594	1	7.30029129	0.32710281	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.9620779	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-2.2562785	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.05012925	1	6.41031691	0.32710281	1	0	0.016

1	1	-0.0465426	1	1	0	0
0.85361558	1	-10.214003	0.02261846	1	0	0.024
1	1	7.10223504	0.32710281	1	0	0
0.01621721	1	8.43465103	0.16448785	1	0	0.024
0.47413309	1	-7.950038	0.31142884	1	0.01	0
0.56494385	1	0.49890065	0.37319475	1	0.152	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.85991896	1	-0.0254516	0.77004591	1	0.381	0.402
1	1	-0.0465426	1	1	0	0
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0.01280781	1	-0.5783043	0.08139875	1	0.095	0.094
1	1	-0.0465426	1	1	0	0
0.50498751	1	0.52248035	0.27412138	1	0.01	0.008
0.03135512	1	-0.7787614	0.23547784	1	0	0.008
0.47413309	1	-7.4620449	0.31142884	1	0	0
0.18893013	1	-0.0199414	0.50510126	1	0.114	0.071
0.47413309	1	2.83879496	0.18923611	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	7.6189369	0.32710281	1	0	0
0.78658181	1	1.71548321	0.14215385	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
1	1	9.06299825	0.16448785	1	0.01	0
0.47413309	1	-7.5924616	0.31142884	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.30884832	1	1.91652057	0.27020031	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	3.09460057	0.10994172	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16586006	1	-1.3493181	0.32709426	1	0.019	0.031
0.64367666	1	0.18086838	0.98633536	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	6.59547804	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.2591002	0.31142884	1	0	0
1	1	9.25977969	0.16448785	1	0	0
0.19511143	1	0.85737425	0.36027053	1	0.01	0.008
0.73560557	1	-2.2084368	0.23343947	1	0.01	0.016
0.00068363	1	-1.1922805	0.03108481	1	0.01	0
0.96461538	1	-0.1218761	0.7811564	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	2.38100108	0.33164578	1	0.019	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.63792001	1	-8.5135699	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50273372	1	0.87668454	0.67837832	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.84780064	0.33366442	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	6.76701699	0.32710281	1	0	0
0.36869196	1	-0.8301503	0.4517937	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-2.7346344	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0.01	0
0.30724809	1	-0.9004232	0.91765494	1	0.038	0.055
0.4071723	1	-0.9779447	0.62618056	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.50172925	1	-1.1106754	0.66652704	1	0.038	0.008
0.968338	1	0.73813375	0.27206064	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	4.64722057	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.9634604	0.31142884	1	0	0
1	1	7.19329602	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.23644964	1	-6.9533245	0.31142884	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.74214061	1	1.13226065	0.31188197	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	0.41998363	0.39875803	1	0.029	0
0.47413309	1	-7.1918929	0.31142884	1	0.01	0
1	1	7.35663725	0.16448785	1	0.01	0
0.18821398	1	-3.2334983	0.02864344	1	0	0.008
1	1	7.97859309	0.16448785	1	0	0
0.19531987	1	-0.3976766	0.23291159	1	0.105	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.8016133	0.97257202	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.40694826	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.9684987	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.25642075	1	-1.1743717	0.5486023	1	0.048	0.063
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008

0.27686774	1	0.87783465	0.00012653	1	0.152	0.213
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.33480607	0.32710281	1	0	0.008
0.63513326	1	-0.437692	0.33302248	1	0.048	0.039
0.64367666	1	0.79817208	0.1114215	1	0	0.008
1	1	7.08977508	0.32710281	1	0	0
1	1	-0.0465426	1	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.45010943	1	0.02822945	0.82174457	1	0.038	0.039
0.02102196	1	-1.4166575	0.54685094	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.85043588	1	0.16118867	0.4604727	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	8.66748274	0.32710281	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.36373785	1	0.02305866	0.70535939	1	0.019	0.008
0.21141637	1	-0.7491404	0.9683218	1	0	0
1	1	-0.0465426	1	1	0	0
0.62316808	1	-1.920192	0.38499722	1	0.01	0.024
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.8036118	0.15105729	1	0	0
0.47413309	1	0.84157406	0.33366442	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.6610174	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.23644964	1	0.72825342	0.58351143	1	0.019	0.016

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.9854122	0.31142884	1	0	0
1	1	8.31247003	0.32710281	1	0	0
0.47413309	1	-8.0285421	0.31142884	1	0.029	0
1	1	-0.0465426	1	1	0	0
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0.20309338	1	0.61103342	0.22539719	1	0.048	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.27712821	0.32710281	1	0	0.008
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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0.50273372	1	0.79577769	0.43576121	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.78084345	1	-0.5329164	0.72306234	1	0.019	0.024
1	1	-0.0465426	1	1	0.01	0
0.50498751	1	-3.2294525	0.16486421	1	0.01	0.008
0.48761694	1	-0.0441855	0.87645118	1	0.038	0.024
0.968338	1	0.52019859	0.97594379	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
0.63792001	1	-0.7102753	0.98178118	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.08445636	1	2.05789883	0.58031208	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.85729544	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.79082369	1	0.77680092	0.1877372	1	0.019	0.047
0.47413309	1	0.55567509	0.58351143	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.2299724	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-8.6989559	0.15105729	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.97114286	1	-0.0475137	0.44163055	1	0.029	0.008
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0.07727724	1	-1.0300975	0.14462993	1	0.029	0.047
0.60368131	1	0.06582272	0.54962504	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-1.5452173	0.54257632	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.3327788	0.9693467	1	0.01	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.97947885	0.43576121	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-9.4529438	0.07816392	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.36869196	1	-1.9545777	0.68333985	1	0.038	0.008
0.70446388	1	-0.866332	0.75091068	1	0.019	0.008
0.47413309	1	-8.4374511	0.31142884	1	0.01	0
1	1	5.45342005	0.32710281	1	0	0
0.64367666	1	-8.7678217	0.31142884	1	0.01	0.008
0.63792001	1	2.37054558	0.58031208	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.3221167	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.05458447	1	0.68086606	0.65389598	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.26861139	0.58031208	1	0	0
0.26494833	1	-0.8567217	0.94275365	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.78658181	1	-2.6629087	0.29853994	1	0.029	0.016

1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.7827693	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	7.84026543	0.32710281	1	0	0
0.76969987	1	0.14405979	0.95819355	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.1587225	0.97579778	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.50955633	0.33569097	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.8280825	0.32710281	1	0	0.008
0.47413309	1	1.16429286	0.98633536	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.28578249	1	-0.2107644	0.70535939	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
0.08445636	1	0.50277354	0.98633536	1	0	0.024
0.30884832	1	-0.2028616	0.9693467	1	0	0
1	1	-0.0465426	1	1	0	0
0.94645401	1	-0.4612153	0.50700869	1	0.257	0.236
1	1	-0.0465426	1	1	0	0
1	1	6.57042383	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.42957107	1	0.57564246	0.29287379	1	0.048	0.031
0.21141637	1	-0.6503462	0.6287492	1	0	0
0.47413309	1	-0.476226	0.98178118	1	0	0
0.16745907	1	8.55427935	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.63792001	1	1.25921878	0.58031208	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.92806504	0.58351143	1	0	0
0.42808354	1	-0.4029272	0.8683034	1	0.029	0.016
0.47413309	1	-8.2411557	0.31142884	1	0	0

1	1	-0.0465426	1	1	0	0
0.20346455	1	0.53544061	0.82036931	1	0.057	0.055
0.52618815	1	-0.6523323	0.43806605	1	0.029	0.031
0.13592071	1	-0.7107682	0.36928666	1	0.01	0.008
0.14820265	1	-0.302096	0.6754711	1	0	0
0.44151693	1	-0.118293	0.75231764	1	0.086	0.031
0.47413309	1	-7.920542	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50918815	1	-0.4504248	0.62316917	1	0.21	0.157
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.78265522	1	-1.4412258	0.95777103	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	1.22961735	0.19292413	1	0.01	0.008
0.05271886	1	0.62554917	0.21934939	1	0.048	0.126
0.01621721	1	8.58942862	0.16448785	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.9393929	0.54567368	1	0	0
0.97114286	1	-0.6697562	0.97579778	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.01519265	1	-0.7229356	0.11899487	1	0	0.008
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.64367666	1	2.22435638	0.58351143	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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0.97114286	1	-0.0511659	0.97579778	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.10536053	1	0.95677685	0.42214346	1	0	0
0.9713852	1	0.24288279	0.28262485	1	0.533	0.575

1	1	-0.0465426	1	1	0	0
1	1	8.7325933	0.04861576	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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0.63792001	1	2.171646	0.10920768	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1248339	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	7.63263319	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.23644964	1	-2.956078	0.98178118	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.64449803	1	-0.8876428	0.61004998	1	0.114	0.087
0.16745907	1	-0.0465426	1	1	0	0.008
0.30884832	1	0.6234528	0.97579778	1	0	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	-3.724871	0.54257632	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.490327	0.98178118	1	0.01	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.64616642	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.51003251	1	0.83835015	0.67837832	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.96689839	1	-1.0361029	0.16958514	1	0.038	0.063
1	1	7.40694826	0.32710281	1	0	0
0.64367666	1	0.73542676	0.98633536	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	4.62806907	0.32710281	1	0	0

0.45073421	1	-0.0965089	0.93558899	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.08548864	1	1.52054588	0.58031208	1	0.029	0.024
0.22502458	1	-1.6349465	0.54567368	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
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0.63855559	1	-0.0449346	0.9644948	1	0.038	0.024
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.28242988	0.54877979	1	0	0
1	1	7.77248779	0.32710281	1	0	0
0.50234742	1	-1.4935116	0.38013263	1	0.038	0.024
0.56169589	1	-0.6797819	0.73154836	1	0.057	0.087
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05458447	1	-1.3450731	0.18413651	1	0.048	0
0.47413309	1	-6.1332792	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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0.23906368	1	-0.5162049	0.98178118	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.00133861	1	-0.1315806	0.77506478	1	0.171	0.323
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1	1	-0.0465426	1	1	0	0
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0.47413309	1	-7.3630802	0.31142884	1	0	0
0.21141637	1	-0.1465927	0.63389996	1	0.038	0
0.19233053	1	0.27654735	0.73667909	1	0.057	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.38172922	1	-0.5644465	0.30405158	1	0.181	0.205
1	1	7.66551067	0.32710281	1	0.01	0
0.16745907	1	8.94867739	0.04861576	1	0.019	0.008
1	1	-0.0465426	1	1	0	0

0.21141637	1	-1.1961323	0.30421593	1	0	0
1	1	-0.0465426	1	1	0	0
0.0395935	1	-0.7779813	0.11848411	1	0.029	0
0.36620968	1	-3.1756522	0.09208501	1	0	0.008
0.75846353	1	1.00885074	0.00628904	1	0.076	0.071
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1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	7.14090549	0.32710281	1	0	0.016
0.21141637	1	-9.3208097	0.07816392	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
0.06436155	1	0.83850477	0.05473213	1	0.048	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	1.04483471	0.98633536	1	0	0.008
1	1	9.49840312	0.32710281	1	0	0
0.47413309	1	-0.7492967	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	-0.3041689	0.97579778	1	0.01	0.008
0.91477937	1	-0.4758041	0.58375051	1	0.029	0.047
1	1	9.52490721	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	8.00439869	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.8077944	0.32710281	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50825689	1	-1.8003364	0.3868104	1	0.019	0.008
0.47413309	1	3.80673699	0.1880184	1	0.01	0
0.47413309	1	-8.4475961	0.31142884	1	0	0
0.96488335	1	-0.8350263	0.29111125	1	0.029	0.024
0.22114379	1	-0.134791	0.54877979	1	0	0.024
0.47413309	1	-7.0257918	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.9948401	0.54567368	1	0	0

0.47413309	1	-7.6638312	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.30551466	0.16448785	1	0.01	0.008
0.35882559	1	-2.4592821	0.23343947	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	0.28203126	0.54877979	1	0	0.008
0.40982008	1	0.96274143	0.97887812	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.5799063	1	-0.0861214	0.64098287	1	0	0.016
0.16745907	1	7.05498828	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.47322028	0.32710281	1	0	0.008
0.64367666	1	1.20588698	0.58351143	1	0.01	0.008
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.97332483	0.04861576	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.97114286	1	0.76287908	0.43576121	1	0	0.008
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0.0395935	1	-0.9721711	0.72506741	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.06058555	0.44163055	1	0.01	0
0.00100832	1	-0.8173092	0.05053218	1	0.019	0.008
0.47413309	1	2.79263279	0.06329784	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8024069	0.31142884	1	0.01	0
0.21141637	1	0.18036309	0.73930489	1	0	0
1	1	-0.0465426	1	1	0	0
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0.64367666	1	0.96751005	0.58351143	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.46506034	1	-0.6474716	0.47262574	1	0.029	0.039

1	1	-0.0465426	1	1	0	0
0.90968876	1	0.44794818	0.64595899	1	0.114	0.102
0.21141637	1	-9.3020498	0.07816392	1	0	0
1	1	-0.0465426	1	1	0	0
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0.22114379	1	-7.977594	0.15105729	1	0	0.024
0.69313835	1	0.88793897	0.80943724	1	0.01	0.031
0.97638791	1	1.01888177	0.98225045	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.25343935	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.00888304	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.79445119	1	-4.2123318	0.29853994	1	0	0.016
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1	1	-0.0465426	1	1	0.029	0
0.05458447	1	0.05713622	0.66873592	1	0.01	0
1	1	-0.0465426	1	1	0	0
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0.35882559	1	-10.060328	0.02261846	1	0	0.008
0.47413309	1	-6.9434849	0.31142884	1	0	0
0.22895378	1	0.4460478	0.68368941	1	0	0.024
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0.14820265	1	-0.170663	0.7853209	1	0.019	0
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0.47413309	1	0.89635117	0.98633536	1	0	0
0.02953786	1	2.80105234	0.10994172	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
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0.21141637	1	-0.4312984	0.6287492	1	0	0
0.32943511	1	0.78552622	0.97594379	1	0.019	0.031
0.95717252	1	-1.0407027	0.67323072	1	0	0.016
0.47413309	1	-4.0847508	0.98178118	1	0	0

0.69180038	1	-0.4066318	0.63132234	1	0	0.008
1	1	7.66311566	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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0.47413309	1	1.67297986	0.98633536	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	5.77708283	0.16448785	1	0	0.016
0.47413309	1	-7.1995654	0.31142884	1	0	0
1	1	5.9351485	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.19551563	1	-0.6247942	0.6287492	1	0.067	0.031
0.01769504	1	-0.3857369	0.57034588	1	0.038	0.063
0.49524626	1	-0.4478488	0.95991711	1	0.038	0.008
1	1	-0.0465426	1	1	0	0
0.74574878	1	-0.1408902	0.76555525	1	0.067	0.071
1	1	-0.0465426	1	1	0	0
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0.0755948	1	-0.5187604	0.95212592	1	0.01	0
0.9208929	1	-0.4360669	0.99479169	1	0.067	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.2173112	1	1.92844038	0.27153506	1	0.029	0.024
0.23385587	1	0.04216799	0.58671897	1	0	0.016
0.30884832	1	1.68695792	0.27287433	1	0.029	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.85193048	1	-0.7156925	0.46275869	1	0.086	0.071
1	1	4.62806907	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	7.64616642	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.85455698	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.63546533	1	-0.3400805	0.78323788	1	0	0.024
0.30583377	1	0.33357425	0.54085972	1	0.048	0.055
0.85043588	1	0.69758002	0.14892494	1	0.048	0.024
0.16745907	1	10.1141956	0.16448785	1	0	0.008
0.9035118	1	-0.0846809	0.93584871	1	0.086	0.055
0.74541514	1	-0.340509	0.95279328	1	0.01	0.016
0.18685635	1	-1.6852241	0.3239741	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.78658181	1	1.67456659	0.0904904	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.63792001	1	-8.049686	0.31142884	1	0	0.008
0.47413309	1	-6.4878812	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.77481873	1	-1.2459734	0.62105689	1	0	0.016
0.47413309	1	-0.8564944	0.98178118	1	0	0
0.21141637	1	1.51247989	0.05761076	1	0	0
0.16745907	1	8.57241864	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.63639963	1	0.56253494	0.86412867	1	0.019	0.055
0.18096131	1	-1.4991106	0.1398291	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-7.0014575	0.31142884	1	0	0
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0.14820265	1	-2.7747557	0.16596842	1	0.01	0
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0.47413309	1	-7.0476366	0.31142884	1	0	0
0.21141637	1	-9.7782019	0.07816392	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-8.2487318	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.4923413	0.31142884	1	0	0
1	1	8.53564832	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.4172364	0.31142884	1	0	0
0.47413309	1	1.68961507	0.33366442	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.63263319	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	2.62630334	0.18923611	1	0.01	0
0.63792001	1	-8.3214437	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.85455698	0.32710281	1	0.019	0.008
0.14194121	1	-1.3893883	0.0986218	1	0.038	0.024
0.80768583	1	0.56038362	0.54318662	1	0.038	0.031
0.78265522	1	0.13046759	0.97096043	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.61355961	0.97902395	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.81105794	1	1.38503204	0.04244628	1	0.019	0.055
0.69180038	1	-9.6641659	0.07816392	1	0.01	0.008
0.47413309	1	2.14810771	0.33164578	1	0.01	0
0.47413309	1	0.63030277	0.58351143	1	0	0
0.92027692	1	0.43724641	0.33641587	1	0.019	0.063
1	1	-0.0465426	1	1	0	0
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0.47413309	1	1.28179016	0.98633536	1	0	0
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0.47413309	1	-7.3372009	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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0.9898831	1	0.35890196	0.5445001	1	0.076	0.071
0.21922148	1	1.50830237	0.16849427	1	0.019	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
0.14820265	1	-0.3639791	0.95534075	1	0.038	0
0.7774574	1	-0.6969011	0.91327145	1	0.048	0.039
0.81323632	1	-0.2754963	0.91713093	1	0.019	0.039

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.7173271	0.98633536	1	0	0
0.30884832	1	0.39187006	0.54877979	1	0.01	0
0.27442255	1	1.03417889	0.00433024	1	0.086	0.087
1	1	-0.0465426	1	1	0	0
0.21632701	1	-0.1270018	0.25888329	1	0.048	0.118
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.26494833	1	-0.861162	0.48789378	1	0.01	0.008
0.59105959	1	-0.1075396	0.9502509	1	0.029	0.016
1	1	-0.0465426	1	1	0.01	0
0.46121956	1	0.79440958	0.01246	1	0.152	0.134
0.0755948	1	-2.6269168	0.0520197	1	0.048	0
0.16745907	1	7.88299478	0.16448785	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.50172925	1	0.60455331	0.7728463	1	0.01	0.008
0.47413309	1	-7.8110839	0.31142884	1	0	0
1	1	9.56635325	0.08811101	1	0	0
0.30884832	1	-10.08284	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.54112264	0.58351143	1	0.01	0
0.47413309	1	2.70862068	0.33164578	1	0	0
1	1	-0.0465426	1	1	0	0
0.23644964	1	1.73597074	0.33366442	1	0	0.016
0.00318863	1	-0.6265648	0.32626532	1	0.038	0.008
1	1	8.03821046	0.32710281	1	0	0
1	1	9.03594058	0.32710281	1	0	0
0.16745907	1	6.42138394	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.10536053	1	0.04781606	0.96509883	1	0.01	0
0.30884832	1	0.57247954	0.43576121	1	0	0
0.16745907	1	6.82377064	0.32710281	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.42331736	1	-0.3600003	0.21293237	1	0.067	0.047
0.16745907	1	-0.0465426	1	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0

0.47413309	1	-0.2119341	0.58671897	1	0	0
0.18821398	1	-1.4541808	0.18413651	1	0.019	0.008
0.47413309	1	-6.9533245	0.31142884	1	0	0
0.30884832	1	-9.3794075	0.15105729	1	0	0
1	1	8.9711861	0.32710281	1	0	0
0.23906368	1	-1.4727843	0.98178118	1	0.01	0.016
1	1	7.85866664	0.32710281	1	0	0
0.47413309	1	-8.5407297	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.49595235	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.78658181	1	-0.4953311	0.6287492	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.51003251	1	-1.1911006	0.97257202	1	0.01	0.016
0.63792001	1	1.46929994	0.98633536	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.78611476	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	8.9774551	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	-9.6030864	0.15105729	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.17924486	1	0.02272698	0.69922491	1	0.219	0.189
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.0395935	1	-2.3060876	0.01663819	1	0.01	0
0.05012925	1	8.99540614	0.16448785	1	0	0.016
0.03711339	1	1.61883664	0.10304143	1	0.019	0.039
0.05012925	1	-0.0465426	1	1	0	0.016
0.30884832	1	-0.949816	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-9.4535479	0.04168349	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	1.12905219	0.98633536	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	6.08549163	0.16448785	1	0	0.016
0.48254011	1	-0.2288876	0.20384454	1	0.114	0.118
1	1	-0.0465426	1	1	0	0
0.01616083	1	-1.0956261	0.05668264	1	0.029	0.126
1	1	-0.0465426	1	1	0	0
0.70446388	1	-3.1343195	0.29853994	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.70023339	1	0.55126299	0.50891479	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.3845413	1	0.71806153	0.44569688	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.2526991	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.22895378	1	-0.9537544	0.44359701	1	0.01	0.024
0.0755948	1	-0.3039113	0.72628975	1	0	0
1	1	8.11226651	0.16448785	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	8.12888926	0.32710281	1	0	0
0.47413309	1	-7.8922998	0.31142884	1	0.01	0
0.47413309	1	-8.4934072	0.31142884	1	0	0
0.25528119	1	-0.9810131	0.13463808	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.1332792	0.31142884	1	0.01	0
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0.30884832	1	-8.4235334	0.15105729	1	0	0
0.30884832	1	-9.1731366	0.15105729	1	0.01	0
1	1	-0.0465426	1	1	0	0

0.40190742	1	2.16519484	0.49428886	1	0.038	0.024
0.52011482	1	0.65791248	0.59465998	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-2.2044833	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.4944196	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.70446388	1	-0.7497987	0.30421593	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-7.6543381	0.15105729	1	0.01	0
0.97114286	1	0.50639488	0.43771264	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	7.09017531	0.32710281	1	0	0
0.70023339	1	-0.6746759	0.30421593	1	0	0.008
0.16745907	1	8.00439869	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	4.95779975	0.32710281	1	0	0
1	1	4.62806907	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
0.47413309	1	0.67645857	0.98633536	1	0.01	0
0.23644964	1	1.41998287	0.58031208	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.70446388	1	-2.6388387	0.29853994	1	0.029	0.008
0.23906368	1	2.69400414	0.10920768	1	0.029	0.016
1	1	-0.0465426	1	1	0	0

0.47413309	1	-7.7861254	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.69313835	1	0.79921589	0.4772194	1	0.029	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.00741108	1	1.46687881	0.07741463	1	0.057	0.118
0.23644964	1	-6.4878812	0.31142884	1	0.029	0.016
0.63792001	1	0.3570589	0.58351143	1	0	0.008
0.93305328	1	0.50390708	0.1859343	1	0.133	0.165
0.33754266	1	0.89335421	0.26594218	1	0.057	0.031
1	1	7.77248779	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	8.68690819	0.32710281	1	0	0
0.47413309	1	-7.8814838	0.31142884	1	0.01	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.30884832	1	1.58873662	0.67308317	1	0	0
0.08873238	1	2.59299699	0.26887006	1	0.01	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.30884832	1	-8.4533892	0.15105729	1	0	0
0.47413309	1	-8.0745061	0.31142884	1	0	0
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0.69180038	1	-2.4423782	0.62105689	1	0.019	0.008
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0.66540315	1	-0.0921431	0.93235079	1	0.19	0.157
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0.30884832	1	-8.3046738	0.15105729	1	0	0
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0.69180038	1	-1.4898781	0.62105689	1	0	0.008
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0.47413309	1	-8.8714653	0.31142884	1	0	0
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0.47413309	1	-8.5407297	0.31142884	1	0	0
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1	1	6.48509506	0.32710281	1	0	0
0.97578525	1	-0.1239187	0.78323788	1	0.01	0.016
0.16491181	1	-0.696565	0.40795063	1	0.038	0.047
0.44159353	1	-0.3561684	0.73497237	1	0.01	0.016
0.18477154	1	0.62081968	0.30170026	1	0.038	0.063
0.69601219	1	-9.5715419	0.07816392	1	0	0.008
0.47413309	1	1.44522328	0.11067966	1	0	0
0.50825689	1	-0.9448777	0.3922811	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	6.48509506	0.32710281	1	0	0.008
0.79305752	1	-0.7468972	0.20075657	1	0.01	0.039

0.63855559	1	-0.8892936	0.95534075	1	0.019	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.23906368	1	-0.6115222	0.98178118	1	0	0.016
0.47413309	1	-0.6279284	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.03495964	1	-0.9847576	0.25947344	1	0.095	0.016
0.30884832	1	-1.0606818	0.54567368	1	0.01	0
0.47413309	1	1.25667112	0.98633536	1	0	0
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0.16745907	1	-0.0465426	1	1	0	0.008
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0.29281293	1	-0.5344379	0.41659748	1	0.19	0.173
0.22114379	1	1.3678722	0.67308317	1	0	0.024
0.61757159	1	-0.3607959	0.57762118	1	0.019	0.047
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1	1	7.05498828	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8662189	0.31142884	1	0	0
0.14820265	1	0.58035252	0.7707728	1	0	0
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0.47413309	1	-7.8098411	0.31142884	1	0	0
0.58547061	1	0.27205408	0.24198137	1	0.019	0.016
1	1	7.08917494	0.32710281	1	0	0
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0.05012925	1	-0.0465426	1	1	0.01	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
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1	1	8.16546435	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.62316808	1	-0.750085	0.7853209	1	0	0.024
0.16745907	1	8.30565622	0.16448785	1	0.01	0.008
0.34158419	1	-0.2582696	0.74576025	1	0	0.016
8.11E-05	1	-0.3615522	0.62982272	1	0.219	0.142
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1	1	-0.0465426	1	1	0	0
0.00098719	1	-0.1388131	0.85999911	1	0.029	0.11
0.12148942	1	-0.3818256	0.94088011	1	0.019	0.055
0.01264508	1	0.51030609	0.12082032	1	0.067	0.094
1	1	8.70041728	0.32710281	1	0	0
0.47413309	1	3.48659284	0.32963505	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.39648698	0.32710281	1	0	0.008
0.10536053	1	0.1469864	0.96304725	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.53507237	0.16448785	1	0.01	0
0.84408382	1	0.79304315	0.78415327	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.81520568	0.06417538	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-2.2794253	0.29853994	1	0	0
0.47413309	1	-7.6363383	0.31142884	1	0	0
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0.7983938	1	1.3239937	0.72545613	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
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0.16745907	1	-0.0465426	1	1	0	0.008
0.61584182	1	-0.9598062	0.72190121	1	0.029	0.024
0.0395935	1	-1.5326812	0.5144132	1	0.029	0
0.64367666	1	-0.1878662	0.98178118	1	0.01	0.008
0.34370675	1	-1.5901764	0.16931443	1	0	0.031
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0.89502488	1	-2.3217188	0.08208775	1	0.019	0.031
0.35638517	1	-1.3678156	0.09466982	1	0.019	0.008

0.4438687	1	-0.5209821	0.72815862	1	0.057	0.016
1	1	-0.0465426	1	1	0	0
0.64367666	1	1.14472558	0.33366442	1	0.019	0.008
0.70446388	1	-0.5205219	0.96304561	1	0.019	0.008
0.47413309	1	0.22566937	0.58671897	1	0.01	0
0.00551966	1	-0.4919982	0.52346342	1	0.038	0.031
0.57713347	1	-0.9951567	0.47985729	1	0.057	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.25411058	0.16448785	1	0	0
1	1	7.11908801	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.69180038	1	-0.30042	0.96568352	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47528666	1	0.48935166	0.34798832	1	0.095	0.102
0.50273372	1	1.68746069	0.16938386	1	0.029	0.016
0.26125492	1	-1.5090963	0.28741112	1	0.01	0.008
0.14820265	1	-0.5560384	0.95305312	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1164071	0.31142884	1	0.01	0
0.4232118	1	1.97510912	0.03524248	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.21141637	1	-9.0530211	0.07816392	1	0.01	0
0.49524626	1	0.44690376	0.76870094	1	0.01	0.008
0.47413309	1	-8.1312956	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.0834342	1	1.97257796	0.58031208	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.0822612	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.9620779	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.64367666	1	-1.8630306	0.98178118	1	0	0.008

0.98252628	1	0.04936591	0.49477335	1	0.162	0.071
0.47413309	1	-6.1332792	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.5063762	1	-0.7709517	0.68368941	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.69759713	0.58351143	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.7005318	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-0.4618841	0.96304561	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.46285221	0.58031208	1	0	0
0.47413309	1	-7.6363383	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.54783807	0.58351143	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	4.95779975	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	10.2971588	0.04861576	1	0	0
0.62623274	1	-3.6240527	0.16486421	1	0	0.024
0.16745907	1	-0.0465426	1	1	0.019	0.008
1	1	7.47635806	0.32710281	1	0	0
0.47413309	1	-8.4969153	0.31142884	1	0	0
0.63792001	1	-6.8952857	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.66687991	0.32710281	1	0	0
0.47413309	1	-8.4671207	0.31142884	1	0	0
0.21141637	1	-0.0841421	0.6287492	1	0	0

0.47413309	1	1.07748993	0.33366442	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.70629436	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.98653806	0.04861576	1	0.01	0.008
0.51370259	1	-8.8762584	0.15105729	1	0.01	0.016
0.63792001	1	-6.9514531	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	2.31832068	0.06373537	1	0	0
0.21141637	1	-2.7908682	0.29853994	1	0.01	0
0.63792001	1	2.46313083	0.58031208	1	0	0.008
0.68806285	1	-0.1442501	0.75941747	1	0.057	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.28331094	1	-1.8133422	0.22238751	1	0	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.34292245	0.32710281	1	0	0.008
0.49910514	1	-0.2251251	0.97257202	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5929951	0.31142884	1	0	0
0.64367666	1	0.9418211	0.33569097	1	0.01	0.008
0.16745907	1	7.12728177	0.32710281	1	0	0.008
0.08548864	1	-1.6600703	0.98178118	1	0	0.024
0.31718843	1	-0.0843239	0.68800948	1	0.067	0.094
0.17235882	1	-1.1957843	0.01499197	1	0.114	0.079
0.30884832	1	1.75529809	0.27153506	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-9.1486766	0.07816392	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.69582472	1	1.04760394	0.46551708	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0

0.47413309	1	0.36090884	0.98633536	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.32742809	1	1.23476191	0.7624953	1	0.01	0.031
0.0990826	1	-2.8557949	0.06594614	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.69180038	1	-3.4763982	0.29853994	1	0	0.008
0.10536053	1	0.18414678	0.79929633	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.80178913	1	0.00028976	0.78712858	1	0.133	0.213
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	1.03611016	0.58031208	1	0.01	0.008
0.16745907	1	8.80412549	0.16448785	1	0.01	0.008
0.47413309	1	0.18471294	0.98633536	1	0	0
0.97114286	1	-0.230019	0.54877979	1	0	0.008
8.21E-07	0.02264892	-0.1050676	0.60088621	1	0.257	0.244
0.7176057	1	0.14936732	0.90919264	1	0.276	0.197
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.75124365	1	-0.0048093	0.53899823	1	0.038	0.063
0.47413309	1	-7.9008796	0.31142884	1	0	0
0.47413309	1	-7.3630802	0.31142884	1	0	0
1	1	5.45342005	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	8.43169627	0.32710281	1	0.01	0
0.78265522	1	0.37807893	0.97623862	1	0	0.016
1	1	7.87869814	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.9971151	0.98178118	1	0.01	0
0.47413309	1	-7.3207934	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.01194837	1	-0.0912227	0.24410892	1	0.171	0.063
0.47413309	1	1.38819447	0.58351143	1	0	0
0.84749344	1	-0.3770339	0.34015069	1	0.038	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.6209785	0.15105729	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.15155119	1	-0.0484923	0.70334705	1	0.019	0.047

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
9.15E-06	0.25241254	-0.3343248	0.23537321	1	0.048	0.055
0.55186468	1	-0.8866186	0.56744598	1	0.029	0.031
0.47413309	1	0.74175202	0.33569097	1	0	0
1	1	-0.0465426	1	1	0	0
0.58826203	1	-0.2971482	0.71525712	1	0	0.016
0.97404041	1	0.06342442	0.72260576	1	0.038	0.024
1	1	-0.0465426	1	1	0	0
1	1	5.45342005	0.32710281	1	0	0
0.23644964	1	-8.1239275	0.31142884	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.22502458	1	2.24181797	0.0373455	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.23644964	1	-1.8920928	0.98178118	1	0.01	0.016
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.23231324	1	0.16111482	0.32531898	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.7707986	1	0.64369687	0.09633687	1	0.095	0.039
0.26885864	1	-0.2120304	0.32006262	1	0.124	0.213
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1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	7.33077485	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.5026591	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.39993717	1	0.04062522	0.87380411	1	0.057	0.063
0.32981404	1	-0.9458957	0.48367211	1	0.048	0.039
0.62930386	1	-0.7349991	0.66875868	1	0.019	0.024
0.63792001	1	1.63653629	0.58031208	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.43396528	0.33366442	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.12938686	1	0.16722835	0.72260576	1	0.038	0.055
0.62073596	1	-0.2036228	0.69816722	1	0.019	0.024
0.19852148	1	0.61173545	0.33937369	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
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0.23435186	1	-0.6079963	0.33976535	1	0.086	0.134
1	1	-0.0465426	1	1	0	0
0.43706329	1	-0.6344537	0.33617112	1	0.048	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.16052579	0.97902395	1	0.019	0
0.63792001	1	-7.9252476	0.31142884	1	0.01	0.008
0.49524626	1	-1.906944	0.38318926	1	0	0.008
0.042136	1	-0.0662408	0.62530041	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.34887352	1	-0.5977098	0.23790897	1	0.019	0.055
0.64367666	1	-0.0575581	0.58671897	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.47413309	1	-2.7211301	0.98178118	1	0	0
1	1	6.82377064	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.78636121	1	0.15657774	0.78828503	1	0.029	0.047
1	1	7.48612889	0.16448785	1	0	0
0.11649891	1	-0.8433839	0.51885804	1	0.133	0.063
0.03790726	1	-1.127269	0.9693467	1	0.01	0.039
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.40625095	1	-0.2080388	0.76173845	1	0.048	0.055
0.88802367	1	-0.6600034	0.74578096	1	0.029	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.47413309	1	-8.431686	0.31142884	1	0.01	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5462737	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	1.55021674	0.98633536	1	0	0.008
0.30884832	1	-0.6153856	0.54877979	1	0	0
1	1	-0.0465426	1	1	0	0
0.25759727	1	0.82981833	0.34894634	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.21141637	1	-0.3208262	0.63648202	1	0.01	0
0.79976912	1	0.3598214	0.57093372	1	0.038	0.047
1	1	-0.0465426	1	1	0	0
0.14820265	1	-10.43358	0.04168349	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-0.302149	0.68901619	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.70023339	1	0.80751532	0.50707423	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.64367666	1	-0.8814275	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.9322038	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.64367666	1	-8.1469326	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.79588747	1	0.84568597	0.02489892	1	0.21	0.15
0.30884832	1	-1.9212701	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-9.5054427	0.31142884	1	0	0.008
0.47413309	1	-9.4410975	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	7.91390773	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.21141637	1	-0.3668228	0.96568352	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.7380697	0.31142884	1	0	0
0.23385587	1	1.09026008	0.98633536	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	5.78575037	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	7.61748754	0.32710281	1	0.01	0
0.97638791	1	0.58210037	0.17027696	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.94356349	1	-0.3800016	0.27420221	1	0.029	0.063
1	1	-0.0465426	1	1	0	0
0.64367666	1	-1.356262	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.49170159	0.58351143	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.08046356	1	0.38995302	0.41791203	1	0.143	0.063
0.47413309	1	-7.6838794	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.39352677	1	-0.8250093	0.25582303	1	0.133	0.079
1	1	7.60508343	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	7.17278644	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.16667919	0.58351143	1	0.01	0

1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.7309735	0.98178118	1	0.019	0
0.90109569	1	-0.4307697	0.22658003	1	0.238	0.189
0.63792001	1	-6.9533245	0.31142884	1	0	0.008
0.23644964	1	-0.111381	0.58671897	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.5063762	1	2.29896185	0.03757048	1	0.029	0.016
0.03030999	1	2.57986855	0.10920768	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.01470552	1	0.02719205	0.80785597	1	0.105	0.189
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4671207	0.31142884	1	0	0
0.28742722	1	0.65357797	0.21696931	1	0.019	0.039
0.07074112	1	-1.571724	0.00841505	1	0.029	0.055
1.96E-12	5.42E-08	-0.0288164	0.62308262	1	0.162	0.126
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0.63973946	1	0.16253176	0.3388604	1	0.171	0.213
0.47413309	1	-9.0080283	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.96183197	1	-1.281269	0.48145879	1	0.01	0.024
1	1	8.24577905	0.32710281	1	0	0
0.77070375	1	-0.523285	0.74061932	1	0.019	0.031
0.1044058	1	-0.554248	0.39757073	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.2173112	1	2.02274356	0.16760819	1	0.029	0.024
0.14473578	1	-0.2723441	0.96099591	1	0.029	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.00075786	0.98633536	1	0	0
1	1	7.34625965	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.87506807	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0

0.98163398	1	0.01586508	0.68368941	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-1.0600791	0.98178118	1	0	0.008
0.30884832	1	-0.9784726	0.54567368	1	0.01	0
0.10536053	1	-0.2461133	0.24320663	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	-9.5431759	0.15105729	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.63792001	1	0.9079668	0.98633536	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.95083235	1	0.33621135	0.88108546	1	0.048	0.047
0.88925014	1	0.0749541	0.45759657	1	0.105	0.087
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.69180038	1	1.03330058	0.73006268	1	0.038	0.008
1	1	-0.0465426	1	1	0	0
0.9795097	1	0.61709869	0.68671581	1	0.019	0.016
0.97638791	1	1.72966383	0.4338148	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	-1.563631	0.54567368	1	0.01	0.008
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1	1	-0.0465426	1	1	0	0
1	1	8.36424001	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
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0.69601219	1	-0.7189187	0.96568352	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.97114286	1	-2.1489254	0.54257632	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.36869196	1	-2.1799722	0.23104175	1	0.038	0.008
0.47413309	1	-6.4878812	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-0.4412032	0.95991711	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0

0.30884832	1	-8.2215137	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	5.42762774	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.75980456	0.43771264	1	0	0
0.47413309	1	-7.6697317	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63546533	1	-0.4468764	0.95762876	1	0.01	0.024
0.97114286	1	-8.4703608	0.15105729	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.62564696	1	-0.0945797	0.41904328	1	0.038	0.024
0.47413309	1	-8.7678217	0.31142884	1	0	0
1	1	7.31685737	0.32710281	1	0	0
0.58547061	1	0.31326978	0.82879728	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1	1	8.03821046	0.32710281	1	0.01	0
0.64367666	1	-8.5135699	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.21141637	1	-9.1472739	0.07816392	1	0	0
0.47413309	1	-7.776991	0.31142884	1	0	0
0.42051315	1	0.82782081	0.22441382	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.4527497	1	0.69159318	0.0442546	1	0.086	0.11
0.16745907	1	9.51066226	0.16448785	1	0.01	0.008
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0.47413309	1	-8.049686	0.31142884	1	0.01	0
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0.64367666	1	-7.8530346	0.31142884	1	0	0.008
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0.16745907	1	-0.0465426	1	1	0	0.008
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0.42550876	1	-0.2144227	0.95587676	1	0.019	0.039
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0.14820265	1	0.41843269	0.67771436	1	0.019	0
0.11251849	1	-1.2071704	0.20639403	1	0.019	0.016
0.69313835	1	0.57830411	0.81646444	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
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0.47413309	1	0.4413089	0.58671897	1	0.01	0

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1	1	-0.0465426	1	1	0	0
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1	1	8.55224542	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
0.58547061	1	-1.9926415	0.14184425	1	0	0.016
0.61123751	1	0.34496089	0.8407352	1	0.048	0.079
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-0.8295911	0.98178118	1	0	0
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0.14820265	1	-0.394524	0.39411505	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.51086932	1	-0.340968	0.93679411	1	0.038	0.024
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0.53839267	1	0.27396791	0.63820853	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.1158549	0.97579778	1	0	0
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0.71724441	1	-0.058534	0.71420178	1	0.238	0.205
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0.0755948	1	-2.1748148	0.13875447	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.6936105	0.15105729	1	0	0
0.49848215	1	0.21755364	0.56685464	1	0	0.008
1	1	7.9322038	0.32710281	1	0	0
0.47413309	1	0.38025078	0.58671897	1	0	0
0.30884832	1	-9.0344532	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.51370259	1	1.56145295	0.43187343	1	0.01	0.016
0.47413309	1	-8.1239275	0.31142884	1	0	0
1	1	9.76615444	0.02728712	1	0	0
0.01336847	1	1.46087157	3.79E-07	0.01046046	0.01	0.016

0.87036121	1	-0.4154999	0.33988711	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.77481873	1	0.92262795	0.22539719	1	0.019	0.016
0.23906368	1	0.63189568	0.1114215	1	0.01	0.016
0.47413309	1	-1.7017215	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.40544908	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.03265779	1	0.05534228	0.80499483	1	0.029	0.063
0.47413309	1	-8.576877	0.31142884	1	0.01	0
0.16745907	1	4.95779975	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.53674884	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.97615881	0.16448785	1	0	0
0.63792001	1	-0.9643708	0.98178118	1	0	0.008
0.6323814	1	0.34991304	0.27723243	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.70446388	1	-4.2752783	0.29853994	1	0.01	0.008
0.47413309	1	0.41608989	0.98633536	1	0	0
0.47413309	1	-8.1239275	0.31142884	1	0	0
0.0288151	1	-0.6591577	0.73651566	1	0.029	0
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-6.8177033	0.31142884	1	0	0
0.47413309	1	0.12466842	0.58671897	1	0	0
1	1	7.61748754	0.32710281	1	0	0
0.43932506	1	0.42949793	0.66873592	1	0.038	0.016
0.64367666	1	1.22432429	0.98633536	1	0.01	0.008
0.52913009	1	-1.6001179	0.040529	1	0.029	0.063
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0.83152315	1	-0.6687372	0.22010091	1	0.076	0.079
0.47413309	1	-7.1995654	0.31142884	1	0	0
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0.2561855	1	-0.546498	0.39521817	1	0.038	0.016
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0.09049675	1	1.39760448	0.67308317	1	0	0.031
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
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0.02553749	1	-0.4417957	0.94253956	1	0.029	0.079
0.64367666	1	1.12998411	0.58351143	1	0.01	0.008
0.97206132	1	-1.1074812	0.39411505	1	0	0.016
0.21141637	1	-1.6419491	0.30231602	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.51003251	1	-0.692826	0.54877979	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.22502458	1	0.04399334	0.27963836	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.21141637	1	-1.8674232	0.30231602	1	0.01	0
0.47413309	1	-7.6363383	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.52423862	1	-0.2268714	0.77312919	1	0.019	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.97114286	1	-0.3047567	0.97257202	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.1398458	1	-1.4047172	0.13759554	1	0.114	0.118
0.64367666	1	-7.1635828	0.31142884	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
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0.03402396	1	-0.7093498	0.13488652	1	0	0.016
0.47413309	1	-8.0745061	0.31142884	1	0	0
0.08961107	1	3.06119175	0.06042894	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.51370259	1	1.27377882	0.97902395	1	0	0.016
0.16745907	1	9.18698491	0.32710281	1	0	0.008
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0.21372539	1	-0.26789	0.7551868	1	0.01	0.071
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1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0

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1	1	8.42709915	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.8746042	0.58351143	1	0	0
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1	1	-0.0465426	1	1	0	0
0.18957888	1	-1.0193906	0.33493829	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.47766743	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-1.553256	0.62105689	1	0	0
0.51370259	1	0.77772172	0.97902395	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
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1	1	8.94253324	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.8240565	1	-0.286652	0.82626633	1	0.143	0.11
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0.49524626	1	-2.4056582	0.16707819	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.23385587	1	0.77359591	0.98633536	1	0.01	0.016
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0.04513766	1	-0.6934983	0.08928549	1	0.048	0.071
0.98076315	1	-0.9794193	0.10756627	1	0.029	0.079
1	1	-0.0465426	1	1	0	0
0.16745907	1	5.59954361	0.32710281	1	0	0.008

1	1	7.82517669	0.16448785	1	0	0
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0.64367666	1	2.03320707	0.10994172	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.22895378	1	0.92729346	0.17207375	1	0.057	0.024
0.69601219	1	-1.5323861	0.62361645	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.46997084	1	-1.7959305	0.02820122	1	0.086	0.039
0.47413309	1	-7.6697317	0.31142884	1	0.01	0
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0.47413309	1	-8.2432561	0.31142884	1	0.01	0
0.63792001	1	0.42044149	0.33569097	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.64367666	1	-7.5818323	0.31142884	1	0	0.008
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1	1	-0.0465426	1	1	0	0
0.63792001	1	0.49415302	0.98633536	1	0.019	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.35638517	1	-1.3008555	0.23828773	1	0.048	0.008
0.0093393	1	-0.8521576	0.20554533	1	0.048	0.008
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1	1	8.85818668	0.16448785	1	0	0
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0.21141637	1	-10.058771	0.07816392	1	0	0
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0.16745907	1	-0.0465426	1	1	0	0.008
0.62564696	1	-0.2064425	0.38025242	1	0.038	0.024
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.122341	0.68368941	1	0	0

0.47413309	1	-6.8411014	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.69426103	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.79764286	1	0.99712607	0.36434696	1	0.067	0.024
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1	1	-0.0465426	1	1	0	0
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0.34164412	1	-1.1589694	0.79366826	1	0.057	0.031
1	1	-0.0465426	1	1	0	0
0.23906368	1	1.00888396	0.58351143	1	0	0.016
0.16745907	1	8.13261872	0.16448785	1	0	0.008
0.47413309	1	1.65882289	0.19168897	1	0	0
0.47413309	1	-8.43986	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0.01	0
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0.75526616	1	-2.8662792	0.09208501	1	0.019	0.016
0.05012925	1	-0.0465426	1	1	0	0.016
1	1	5.42762774	0.32710281	1	0	0
0.95717252	1	-0.7338555	0.78740547	1	0.01	0.016
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	7.11908801	0.32710281	1	0	0
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0.47413309	1	-8.9333566	0.31142884	1	0	0
0.61819799	1	-0.4776925	0.17197645	1	0.067	0.063
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0.47413309	1	-1.0654566	0.98178118	1	0	0
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0.47413309	1	-0.001245	0.58671897	1	0.01	0
0.47413309	1	-7.1226266	0.31142884	1	0	0
0.22895378	1	0.34487726	0.43966909	1	0.01	0.024
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0.0259912	1	0.36878358	0.39511892	1	0.01	0.087
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1	1	7.6189369	0.32710281	1	0	0
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	4.62806907	0.32710281	1	0	0
0.27285377	1	-0.607029	0.6993286	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
0.09465056	1	1.593932	0.07042449	1	0.171	0.071
0.47413309	1	-7.4148795	0.31142884	1	0	0
1	1	8.42709915	0.32710281	1	0	0
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0.47413309	1	-0.1572619	0.98178118	1	0	0
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0.47413309	1	-7.7861254	0.31142884	1	0	0
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0.10536053	1	-1.7905028	0.23464493	1	0	0
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0.47413309	1	-6.9434849	0.31142884	1	0	0
0.9077163	1	0.46336392	0.33673567	1	0.057	0.055
0.10536053	1	0.06523435	0.80689665	1	0.029	0
1	1	4.64722057	0.32710281	1	0	0
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0.47413309	1	-8.7551515	0.31142884	1	0	0
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0.00933736	1	0.14436566	0.48129647	1	0.133	0.15
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0.64367666	1	2.19054962	0.19045963	1	0.019	0.008
0.35638517	1	0.00203859	0.80879961	1	0.019	0.008
0.76515714	1	0.23515027	0.71342927	1	0.019	0.016
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0.1073865	1	-0.0407167	0.91665118	1	0.029	0.024

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
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0.70390665	1	-0.7440442	0.4911286	1	0.038	0.031
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0.47413309	1	0.02034575	0.98633536	1	0	0
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0.21141637	1	-0.8848322	0.62361645	1	0	0
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0.13927204	1	-0.3917184	0.75266461	1	0.067	0.071
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0.64367666	1	2.0476379	0.58031208	1	0.01	0.008
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0.84091157	1	0.45733415	0.97125491	1	0.01	0.024
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0.19651289	1	-0.3043597	0.74009644	1	0	0.008
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0.4438687	1	-1.5536296	0.32277045	1	0.029	0.016
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0.64367666	1	0.01663122	0.58671897	1	0.01	0.008
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0.63792001	1	3.21008923	0.18923611	1	0	0.008
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0.22114379	1	1.08679137	0.43187343	1	0.029	0.024
1	1	4.64722057	0.32710281	1	0	0
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0.30884832	1	0.59760922	0.68103189	1	0.01	0
0.16745907	1	8.97267669	0.32710281	1	0	0.008
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0.4071723	1	0.35057165	0.63648202	1	0.019	0.024
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0.21141637	1	-8.9220011	0.07816392	1	0	0
0.60126222	1	-1.3769587	0.04939537	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
0.55801388	1	-0.6978494	0.15874849	1	0.133	0.055
0.22453834	1	-0.1053185	0.92646705	1	0.133	0.094
0.69851492	1	0.94241389	0.11934662	1	0.029	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
0.70446388	1	-1.5737166	0.95777103	1	0	0.008
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1	1	7.20387945	0.32710281	1	0	0
0.47413309	1	-7.8358533	0.31142884	1	0.01	0
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0.9795097	1	1.73700227	0.1155544	1	0.038	0.016
0.14205396	1	-1.5811143	0.11391901	1	0.01	0.008
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0.00314982	1	-0.1366567	0.9444656	1	0.086	0.126
0.06801217	1	-0.0152102	0.98088173	1	0.019	0.063
0.21141637	1	-9.0254335	0.07816392	1	0	0
0.47413309	1	0.58617808	0.58351143	1	0	0
0.47413309	1	-7.920542	0.31142884	1	0	0
0.47413309	1	-8.5934183	0.31142884	1	0	0
0.3004995	1	-0.5554453	0.5092745	1	0.038	0.063
0.09138946	1	0.70559003	0.67837832	1	0	0.031

0.30884832	1	-8.799149	0.15105729	1	0	0
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0.47739001	1	0.41806843	0.58258627	1	0.029	0.063
0.08445636	1	-7.6117961	0.31142884	1	0	0.024
0.38124289	1	-0.303484	0.27724624	1	0.086	0.055
0.47835319	1	-0.8166728	0.14939964	1	0.057	0.094
0.16745907	1	-0.0465426	1	1	0	0.008
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0.63792001	1	0.88551119	0.98633536	1	0	0.008
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0.14820265	1	0.04861015	0.40013239	1	0.01	0
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0.96303786	1	-0.479902	0.90350013	1	0.019	0.039
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0.97114286	1	-1.6290633	0.68901619	1	0	0.008
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0.11112538	1	0.78662144	0.28734143	1	0.048	0.016
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0.78658181	1	0.78178135	0.50891479	1	0	0.016
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0.20901078	1	-0.8752901	0.18670008	1	0.057	0.055
0.06662215	1	-0.5172662	0.35211581	1	0.048	0.063

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0.23385587	1	2.61704221	0.06329784	1	0	0.016
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0.16745907	1	-0.0465426	1	1	0	0.008
0.30884832	1	-8.457719	0.15105729	1	0	0
0.27994154	1	-0.1632395	0.89871001	1	0.105	0.094
0.53744553	1	-0.2102069	0.40071695	1	0.095	0.094
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0.05496036	1	-1.4102196	0.10983544	1	0.01	0.008
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0.16745907	1	8.53674884	0.32710281	1	0	0.008
0.08778697	1	-0.3553577	0.42746583	1	0.038	0.039
0.66188914	1	-0.2680866	0.43284051	1	0.048	0.031
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0.47413309	1	-8.1763188	0.31142884	1	0	0
0.97638791	1	-9.2808093	0.15105729	1	0	0.008
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0.98163398	1	-0.5702924	0.54877979	1	0.019	0.008
0.16745907	1	7.13407732	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.90836037	1	0.07385423	0.439871	1	0.019	0.039
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0.31255306	1	0.91968573	0.1381008	1	0.076	0.063
0.05012925	1	-0.0465426	1	1	0.01	0.016
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0.79051383	1	1.17380676	0.50340362	1	0	0.016
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0.47413309	1	-7.6838794	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.83428371	0.16448785	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
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0.30884832	1	-1.2218189	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.08578278	1	0.03787115	0.74906867	1	0.124	0.079
0.47413309	1	-7.9313206	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	0.96926827	0.68368941	1	0.01	0.008
1	1	-0.0465426	1	1	0	0

0.96089352	1	-1.1494951	0.67099324	1	0.019	0.016
0.08054842	1	0.11711072	0.95762876	1	0.038	0.047
0.14820265	1	0.8342228	0.76663072	1	0.067	0
0.45050137	1	-0.6223758	0.97971407	1	0.057	0.039
0.62316808	1	-1.5556161	0.16819352	1	0.01	0.024
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0.23385587	1	2.25350589	0.58031208	1	0	0.016
0.47413309	1	-7.8235717	0.31142884	1	0	0
0.5063762	1	-9.3068084	0.15105729	1	0	0.016
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0.47413309	1	-8.3551348	0.31142884	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	7.77248779	0.32710281	1	0	0
0.51003251	1	-1.5860577	0.97257202	1	0.038	0.016
1	1	-0.0465426	1	1	0	0
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0.2060741	1	-0.2704695	0.44944057	1	0.095	0.157
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.6463522	0.15105729	1	0	0
0.01621721	1	7.80705125	0.16448785	1	0.01	0.024
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0.96461538	1	-1.3822895	0.66875868	1	0.019	0.016
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0.0161918	1	-1.1469366	0.1690622	1	0.038	0.008
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1	1	-0.0465426	1	1	0	0
0.69601219	1	0.70635894	0.50891479	1	0	0.008
0.18295935	1	0.34578168	0.64544939	1	0.029	0.087
0.05012925	1	7.67996565	0.32710281	1	0	0.016
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0.47413309	1	-7.6426785	0.31142884	1	0	0
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0.47413309	1	-7.4172364	0.31142884	1	0.01	0
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1	1	8.9557659	0.16448785	1	0	0
0.30884832	1	-0.4325285	0.97579778	1	0	0
0.19254329	1	0.68183487	0.34212101	1	0.029	0.031
0.47413309	1	-7.3177104	0.31142884	1	0	0
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0.69582472	1	-0.4971891	0.95400122	1	0.029	0.031
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0.61277442	1	0.35708179	0.46967008	1	0.076	0.055
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0.08310182	1	-2.5931468	0.38499722	1	0.019	0.047
0.21922148	1	0.2559258	0.97902395	1	0.01	0.024
0.64367666	1	-0.3158929	0.19292413	1	0	0.008
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0.00757222	1	-0.4494239	0.34970877	1	0.048	0.189
0.14820265	1	-2.3353815	0.16707819	1	0	0
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0.16745907	1	4.64722057	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.3630802	0.31142884	1	0	0
0.47413309	1	1.41726832	0.98633536	1	0	0
1	1	6.76701699	0.32710281	1	0	0
0.77481873	1	-0.5277354	0.30421593	1	0.019	0.016
0.23644964	1	-7.7466607	0.31142884	1	0	0.016
0.64367666	1	0.7390279	0.58351143	1	0	0.008
0.14205396	1	1.29495292	0.07764105	1	0.029	0.008
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0.47413309	1	-7.6104449	0.31142884	1	0	0
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-7.1623989	0.31142884	1	0	0
0.2974296	1	1.0275111	0.10157346	1	0.029	0.039
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0.56164594	1	0.42425302	0.39247816	1	0.057	0.094
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0.30884832	1	-0.6383767	0.68901619	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.16745907	1	8.12351469	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

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0.63792001	1	1.6296359	0.11067966	1	0.019	0.008
0.47413309	1	1.15574933	0.33569097	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-0.7955017	0.54567368	1	0	0.008
0.05012925	1	7.38906134	0.32710281	1	0	0.016
0.0755948	1	-3.3010621	0.05128291	1	0.01	0
0.03030999	1	1.07112862	0.33366442	1	0	0.031
0.41247808	1	1.38846355	0.21857797	1	0.029	0.024
0.47413309	1	-7.1770695	0.31142884	1	0	0
0.47413309	1	-7.9118439	0.31142884	1	0	0
1	1	6.63383926	0.32710281	1	0	0
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0.50343534	1	-0.4486583	0.73141389	1	0.029	0.047
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0.64367666	1	1.84300542	0.58031208	1	0	0.008
0.16872758	1	0.88089556	0.38921733	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.69313835	1	0.81801851	0.34058332	1	0.01	0.031
0.47413309	1	-1.7432649	0.98178118	1	0	0
0.16745907	1	8.83721446	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.97638791	1	-0.5852635	0.54567368	1	0.01	0.008
0.0834342	1	0.24801378	0.58671897	1	0	0.024
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0.97638791	1	-7.9729772	0.15105729	1	0	0.008
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0.47413309	1	0.91846909	0.58351143	1	0	0
0.30884832	1	-0.7433583	0.54877979	1	0.01	0
1	1	-0.0465426	1	1	0	0
5.62E-06	0.15507074	0.83210345	0.10273708	1	0.276	0.22
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0.36869196	1	-1.1199749	0.68732408	1	0.029	0.008

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0.5063762	1	-9.3228355	0.15105729	1	0	0.016
0.47413309	1	-7.6426785	0.31142884	1	0.01	0
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0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-7.8662189	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.69601219	1	-0.4938225	0.96304561	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.9620779	0.31142884	1	0	0
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8.89E-06	0.24524584	0.01715875	0.73110004	1	0.057	0.055
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0.47413309	1	-7.776991	0.31142884	1	0	0
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0.05012925	1	9.16687468	0.16448785	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.19402528	1	-0.590223	0.30421593	1	0.01	0.031
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1	1	7.69151378	0.32710281	1	0	0
0.98163398	1	1.79569686	0.16760819	1	0.01	0.008
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0.30884832	1	0.68575857	0.67837832	1	0	0
0.30884832	1	-0.3036971	0.97579778	1	0	0
0.47413309	1	-8.4690879	0.31142884	1	0	0
0.51370259	1	1.25224003	0.43576121	1	0.048	0.016
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0.23644964	1	-1.3181989	0.98178118	1	0	0.016
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0.35010908	1	-0.6861988	0.2989042	1	0.095	0.102
0.47413309	1	2.23706738	0.58031208	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.63026333	1	0.20902151	0.56483803	1	0.038	0.047
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0.47413309	1	-9.2298878	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0	0
0.21141637	1	-10.174035	0.07816392	1	0	0
1	1	7.44340939	0.32710281	1	0	0
0.47413309	1	-7.7380697	0.31142884	1	0	0
0.47413309	1	-1.2449668	0.98178118	1	0	0
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0.0288151	1	0.5344446	0.55636887	1	0.01	0
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0.22895378	1	0.85678808	0.17117359	1	0.019	0.024
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0.30884832	1	1.43995362	0.67572874	1	0	0
0.20618362	1	-0.3347899	0.5163119	1	0.019	0.031
0.30884832	1	-1.3354224	0.9693467	1	0.01	0
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0.76846275	1	0.74916661	0.22092744	1	0	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
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0.64367666	1	2.10046872	0.19045963	1	0	0.008
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0.63792001	1	-7.5244913	0.31142884	1	0.01	0.008
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0.77315408	1	-0.3847436	0.77084517	1	0.057	0.031
0.29075438	1	-0.1995685	0.35615616	1	0.01	0.031
0.16745907	1	7.38906134	0.32710281	1	0	0.008
0.64367666	1	-7.6225155	0.31142884	1	0	0.008
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0.94835674	1	-0.3476939	0.9239579	1	0.048	0.047
0.30884832	1	-10.125385	0.15105729	1	0	0
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0.97114286	1	1.17639157	0.10361527	1	0.029	0.008
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0.47413309	1	-7.5244913	0.31142884	1	0	0
0.05012925	1	9.95659939	0.02728712	1	0	0.016
0.47413309	1	-8.8727687	0.31142884	1	0	0
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0.74214061	1	-0.0833518	0.80879961	1	0	0.016
0.70446388	1	-1.3948138	0.30231602	1	0	0.008
0.0755948	1	-11.00249	0.01240969	1	0.01	0
0.05458447	1	-1.3972113	0.33248137	1	0	0
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0.11265688	1	-0.0077155	0.80572112	1	0.286	0.236
0.96089352	1	-0.429934	0.95762876	1	0.01	0.016
0.30884832	1	-9.5748223	0.15105729	1	0	0
0.69601219	1	-0.659616	0.75091068	1	0	0.008
0.21141637	1	-0.349918	0.30421593	1	0.029	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.47413309	1	-0.6836846	0.98178118	1	0.01	0
0.19402528	1	0.3557422	0.97623862	1	0.01	0.031
0.05458447	1	-0.6219896	0.33617112	1	0	0
0.63792001	1	-7.3630802	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.73887073	1	-0.2288184	0.70133678	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5831567	0.31142884	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.5063762	1	-8.5297683	0.15105729	1	0	0.016
1	1	4.64722057	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.57453638	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1635828	0.31142884	1	0	0
1	1	6.80645557	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0

0.16745907	1	8.93965872	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-7.5462737	0.31142884	1	0	0.008
0.3197763	1	-0.0530696	0.93303677	1	0.038	0.071
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.125599	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.02301237	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
0.5063762	1	-8.72386	0.15105729	1	0.019	0.016
0.97638791	1	-2.0462929	0.54567368	1	0	0.008
0.02724632	1	-0.0771171	0.56389291	1	0.076	0.024
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.42188751	0.98633536	1	0.01	0
0.47413309	1	0.07226413	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-0.6114088	0.95534075	1	0.029	0
1	1	-0.0465426	1	1	0	0
0.0957272	1	-0.1390403	0.92146688	1	0.095	0.11
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.09358187	0.32710281	1	0	0
1	1	8.19891666	0.32710281	1	0	0
0.47413309	1	0.65010807	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.52060469	0.32710281	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.75197797	1	-0.2225816	0.95279328	1	0	0.016
1	1	7.83822054	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.59022559	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.029	0.008
1	1	7.49007148	0.32710281	1	0	0
1	1	6.81286223	0.32710281	1	0	0
0.22114379	1	-0.8746798	0.54567368	1	0	0.024
0.47413309	1	-1.4435223	0.98178118	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.59931862	0.58351143	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.55873959	0.32710281	1	0	0.008
0.47413309	1	-7.1918929	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.920542	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.00112035	1	0.46494195	0.41353104	1	0.029	0.055
1	1	-0.0465426	1	1	0	0
0.10549387	1	-0.120757	0.95353467	1	0.2	0.236
0.01621721	1	9.66516041	0.32710281	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14951168	1	-0.6319556	0.20215968	1	0.019	0.016
0.63792001	1	1.182093	0.33569097	1	0	0.008
0.30884832	1	-8.1677598	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.01536376	1	-1.8770603	0.10624325	1	0.057	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.47413309	1	1.70841385	0.33164578	1	0	0
1	1	8.31247003	0.32710281	1	0	0
0.3379047	1	-0.0837837	0.75056231	1	0.029	0.016
0.47413309	1	-7.3221167	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.79036851	1	0.29085373	0.87051258	1	0.019	0.031
0.27626154	1	-0.0274114	0.92978931	1	0.095	0.118
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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0.97114286	1	-0.7375606	0.54877979	1	0	0.008
0.47413309	1	-7.924238	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-7.7827693	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.283457	0.32710281	1	0	0
0.97114286	1	-1.0827364	0.44359701	1	0.01	0.008
1	1	8.07204347	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.60192751	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	8.49497639	0.32710281	1	0	0
0.73851392	1	0.56717951	0.62957575	1	0.038	0.071
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.49497639	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.0755948	1	0.04646667	0.96901184	1	0.029	0
0.30884832	1	-9.2618622	0.15105729	1	0	0
0.23906368	1	-8.1473257	0.31142884	1	0	0.016
1	1	-0.0465426	1	1	0.01	0
0.38569087	1	0.67622159	0.41286459	1	0.038	0.079
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1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
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0.73560557	1	0.51086595	0.71140875	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
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0.21141637	1	-9.6129925	0.07816392	1	0	0
0.47413309	1	-0.2580089	0.98178118	1	0	0
0.47413309	1	0.7131604	0.33569097	1	0	0
0.27285377	1	-1.0937184	0.44491762	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
0.01606383	1	-1.4713034	0.14262489	1	0.029	0.079
0.47413309	1	1.42951562	0.58351143	1	0.01	0
1	1	-0.0465426	1	1	0	0
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0.16745907	1	-0.0465426	1	1	0.01	0.008
0.58852936	1	0.05560614	0.52528096	1	0.01	0.039
1	1	6.81286223	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
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2.30E-05	0.63462294	-0.4014316	0.25386867	1	0.105	0.063
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0.37091327	1	-0.3202758	0.40215136	1	0.162	0.11
0.30884832	1	-2.5886706	0.68901619	1	0.01	0
0.21141637	1	1.61771856	0.98151785	1	0	0
0.65534218	1	-1.8509601	0.06873065	1	0.01	0.039
0.3439308	1	-1.1039992	0.19601277	1	0.114	0.047
0.31940612	1	0.07785443	0.38562055	1	0.029	0.055

0.16745907	1	-0.0465426	1	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
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0.64367666	1	-7.1164071	0.31142884	1	0	0.008
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0.30884832	1	0.85566804	0.10535202	1	0.01	0
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1	1	7.47635806	0.32710281	1	0	0
0.47413309	1	-1.4329139	0.98178118	1	0.01	0
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0.47413309	1	-7.6072073	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
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0.10596773	1	-1.0088315	0.25060337	1	0.057	0.008
0.94210305	1	-1.2484929	0.3847362	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
0.88679117	1	-1.0779017	0.51429156	1	0.038	0.031
0.47413309	1	-3.7427622	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-8.9333566	0.31142884	1	0.01	0
0.16745907	1	9.28263342	0.04861576	1	0	0.008
0.16745907	1	8.26523485	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	6.09622385	0.32710281	1	0	0
0.77968066	1	0.23071379	0.27307091	1	0.019	0.047
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.70023339	1	0.29479958	0.97096043	1	0	0.008
0.84725861	1	0.02966717	0.95894483	1	0.019	0.024

0.47413309	1	-8.4690879	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-9.5054427	0.31142884	1	0	0
0.47413309	1	-7.5924616	0.31142884	1	0	0
1	1	7.7204876	0.32710281	1	0	0
0.01621721	1	6.264871	0.32710281	1	0	0.024
0.86635767	1	0.20883394	0.6077694	1	0.048	0.024
1	1	7.49007148	0.32710281	1	0	0
0.08548864	1	1.26350207	0.58351143	1	0	0.024
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
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0.5063762	1	-0.9469965	0.97257202	1	0.01	0.016
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1	1	8.4580286	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
0.96461538	1	0.44533857	0.56163707	1	0.029	0.016
0.66349804	1	-0.9405622	0.12724116	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.6631385	0.54567368	1	0	0
0.05554567	1	0.75308158	0.73766832	1	0.019	0.024

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.6484921	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.283457	0.32710281	1	0	0.008
0.47413309	1	2.8014384	0.18923611	1	0	0
0.08668498	1	-1.4625566	0.0469928	1	0.048	0.016
0.23906368	1	-0.7845114	0.58671897	1	0	0.016
1	1	7.7204876	0.32710281	1	0.01	0
0.10536053	1	-2.5111573	0.23223841	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-1.5548053	0.98178118	1	0	0.008
0.98163398	1	-0.5175599	0.44163055	1	0.019	0.008
0.36869196	1	-10.154379	0.02261846	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-5.9265049	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	8.25887137	0.32710281	1	0	0
0.13179497	1	0.96216175	0.08597552	1	0.076	0.102
1	1	-0.0465426	1	1	0	0
1	1	7.2622947	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.26494833	1	-10.514027	0.01240969	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.64367666	1	2.21519843	0.33164578	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.0318027	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.40694826	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.28669344	0.58031208	1	0	0
0.63792001	1	-6.8129155	0.31142884	1	0	0.008

0.79529304	1	-0.4180358	0.42587551	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
1	1	7.08977508	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4064971	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.4410975	0.31142884	1	0	0
0.47413309	1	-7.8662189	0.31142884	1	0	0
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0.47413309	1	1.20962155	0.98633536	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4690879	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	5.42762774	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.5408758	0.15105729	1	0	0
0.5063762	1	0.24022843	0.97902395	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.34028309	1	0.05462519	0.54669247	1	0.086	0.047
0.00372484	1	3.39939182	0.03604143	1	0.019	0.047
0.97114286	1	-9.6734116	0.15105729	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.1332792	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.09228924	1	2.14638637	0.03757048	1	0.048	0.031
0.70446388	1	0.52981728	0.34626858	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.75437638	0.98633536	1	0	0
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1	1	-0.0465426	1	1	0	0
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0.64367666	1	-7.5563804	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.21141637	1	-2.6959279	0.29853994	1	0	0
1	1	-0.0465426	1	1	0	0

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1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.21141637	1	-1.1316185	0.62361645	1	0	0
1	1	-0.0465426	1	1	0	0
0.33786511	1	-1.2247775	0.20671108	1	0.019	0.047
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	7.45293032	0.32710281	1	0	0
1	1	4.64722057	0.32710281	1	0	0
0.20677929	1	1.55011346	0.00061523	1	0.048	0.055
0.64367666	1	1.08583455	0.98633536	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.13299547	1	0.06116388	0.66654228	1	0.076	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.14820265	1	-0.6468773	0.95534075	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.0023459	1	0.09855693	0.5822693	1	0.095	0.016
1	1	-0.0465426	1	1	0	0
0.10536053	1	-1.2805894	0.23951082	1	0.01	0
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1	1	9.09073321	0.16448785	1	0	0
0.50044134	1	-2.6915897	0.09208501	1	0	0.031
1	1	-0.0465426	1	1	0	0
0.36620968	1	-0.1202786	0.70535939	1	0.029	0.008
1	1	-0.0465426	1	1	0.01	0
0.35277581	1	-2.9714357	0.01639383	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.66568136	1	-0.50441	0.52897541	1	0.038	0.087
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1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.5407297	0.31142884	1	0	0
1	1	6.59547804	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0

0.69601219	1	-4.2021785	0.29853994	1	0.019	0.008
0.03998678	1	0.88059801	0.05166089	1	0.038	0.055
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1	1	-0.0465426	1	1	0	0
0.63792001	1	0.40910383	0.98633536	1	0.038	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	8.28588233	0.32710281	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.31147097	1	-0.1006911	0.76900802	1	0.057	0.024
1	1	-0.0465426	1	1	0	0
0.05012925	1	7.19329602	0.32710281	1	0.01	0.016
0.50273372	1	1.48957151	0.27287433	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
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0.94211094	1	-0.1882091	0.97563774	1	0.238	0.26
0.98163398	1	-0.8355976	0.54567368	1	0.01	0.008
0.0166968	1	0.48412388	0.00199748	1	0.629	0.551
0.0723463	1	-1.1483612	0.04399595	1	0.019	0.008
0.36414037	1	0.31840422	0.9473531	1	0.048	0.063
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0.30161674	1	0.58249314	0.2979328	1	0.038	0.055
0.01056745	1	0.67589615	0.58671897	1	0	0.039
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.77661774	0.33569097	1	0	0
0.23906368	1	0.2134981	0.33569097	1	0	0.016
1	1	-0.0465426	1	1	0	0
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0.63304464	1	-0.5245891	0.37413584	1	0	0.024
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0.74874681	1	0.60440728	0.06546646	1	0.162	0.197
1	1	8.55969506	0.16448785	1	0	0
0.98163398	1	2.32097023	0.00514657	1	0	0.008
0.30884832	1	-0.5346333	0.97257202	1	0.01	0
0.05288796	1	-5.629007	0.00906348	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.90878279	0.58031208	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	2.05467586	0.33164578	1	0	0
0.64925208	1	0.06585426	0.49504506	1	0.038	0.039
1	1	6.59547804	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.3523814	1	0.31709288	0.34325792	1	0.057	0.055
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.35638517	1	-2.899586	0.09208501	1	0	0.008
1	1	7.87869814	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.05458447	1	0.72495393	0.97386368	1	0	0
0.41748631	1	-0.6618673	0.4911286	1	0.029	0.039
0.30884832	1	-8.6467655	0.15105729	1	0	0
0.36869196	1	-1.4349971	0.44320797	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.05012925	1	7.84026543	0.32710281	1	0.019	0.016
0.13494276	1	-0.7907926	0.21542211	1	0.086	0.063
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0.47413309	1	-8.1477189	0.31142884	1	0	0

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1	1	-0.0465426	1	1	0	0
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0.16745907	1	8.59855108	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.0288151	1	-0.3271719	0.56095051	1	0	0
0.49524626	1	0.97930489	0.97365352	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.36127648	1	-1.0036927	0.09466982	1	0.019	0.008
0.28088652	1	-0.3431733	0.6993286	1	0.019	0.039
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0.50498751	1	-1.2952401	0.16819352	1	0	0.008
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1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5866057	0.31142884	1	0	0
0.63792001	1	3.03996802	0.01253653	1	0.029	0.008
0.47413309	1	-8.43986	0.31142884	1	0.01	0
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1	1	7.73362563	0.32710281	1	0	0
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0.78658181	1	-1.6847224	0.30231602	1	0	0.016
0.00358982	1	0.28922382	0.181971	1	0.2	0.213
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0.00595705	1	-0.4088046	0.34649262	1	0.01	0.024
0.25759727	1	0.40688974	0.25089483	1	0.01	0.008
1	1	-0.0465426	1	1	0.01	0
0.30884832	1	-8.1729493	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.658843	0.54257632	1	0.01	0
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0.47413309	1	-7.5576813	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.4071723	1	0.84905592	0.98151785	1	0	0.024
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1	1	7.13407732	0.32710281	1	0	0
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0.55026553	1	-0.0318482	0.77632608	1	0.152	0.118
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0.74214061	1	0.9616796	0.21306247	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.23644964	1	0.57857116	0.98633536	1	0	0.016
1	1	6.7973066	0.32710281	1	0	0
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0.4295535	1	-0.5575356	0.49275031	1	0	0.039
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1	1	6.89445669	0.16448785	1	0	0
0.67374912	1	0.76398075	0.2232179	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.17351675	1	0.14460791	0.56337368	1	0.048	0.039
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5576813	0.31142884	1	0.01	0
0.50016571	1	0.53493939	0.45800115	1	0.076	0.047
0.21141637	1	-9.7199446	0.07816392	1	0.067	0

0.98163398	1	1.18640035	0.4338148	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.63427038	1	-0.4817329	0.20616487	1	0.057	0.102
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1	1	-0.0465426	1	1	0	0
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0.63792001	1	-7.8358533	0.31142884	1	0.01	0.008
0.47413309	1	-7.9118439	0.31142884	1	0.01	0
0.01621721	1	8.09613027	0.32710281	1	0.01	0.024
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0.30884832	1	0.47876774	0.43966909	1	0.01	0
0.59386325	1	-0.1588743	0.72444696	1	0	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
0.57160664	1	-0.6630133	0.71892819	1	0	0.016
1	1	9.01218629	0.08811101	1	0	0
0.08723628	1	0.10081834	0.93147118	1	0.029	0.016
3.93E-09	0.00010845	-0.1713592	0.80151967	1	0.105	0.11
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0.30884832	1	-9.2859841	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.37470791	1	-0.1111219	0.90548154	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
1	1	7.08977508	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.30884832	1	-0.6362797	0.54567368	1	0	0
0.47413309	1	-8.1500805	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0	0
0.4295535	1	-0.7407976	0.93713401	1	0.029	0.039
5.62E-11	1.55E-06	-0.2235743	0.40737354	1	0.057	0.063
0.05012925	1	-0.0465426	1	1	0.019	0.016
0.07635141	1	-0.6469955	0.4779181	1	0.048	0.024
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0.14961883	1	-0.462416	0.10144737	1	0.076	0.087
0.47413309	1	-7.3765422	0.31142884	1	0	0
0.47413309	1	-0.4606827	0.98178118	1	0	0

0.01027471	1	-0.6308076	0.04453676	1	0.152	0.094
1	1	-0.0465426	1	1	0	0
0.77526587	1	0.71410345	0.6479977	1	0.038	0.024
0.84825015	1	-0.8307445	0.37901458	1	0.029	0.071
0.4532796	1	0.54654283	0.1266685	1	0.076	0.094
0.47413309	1	-8.8990865	0.31142884	1	0	0
0.63792001	1	-0.5163573	0.98178118	1	0.019	0.008
0.10536053	1	-0.246349	0.95074337	1	0.019	0
0.47413309	1	2.00698146	0.33366442	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4524524	0.31142884	1	0	0
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0.4232118	1	-0.5267179	0.63132234	1	0.029	0.024
0.69180038	1	1.05873539	0.72775818	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.09358187	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
0.78265522	1	1.37022336	0.02348696	1	0.01	0.016
0.64367666	1	-3.1129283	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.6300567	0.31142884	1	0.01	0
0.04091831	1	1.70540924	0.01410021	1	0.029	0.047
0.47413309	1	-7.5576813	0.31142884	1	0	0
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0.08548864	1	-7.7380697	0.31142884	1	0	0.024
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1	1	8.31247003	0.32710281	1	0	0
0.41247808	1	0.57132395	0.97623862	1	0	0.024
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0.16745907	1	8.99026725	0.04861576	1	0.01	0.008

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0.49524626	1	-0.3782142	0.3922811	1	0	0.008
0.14820265	1	-2.8302611	0.16486421	1	0.01	0
1	1	9.40311644	0.16448785	1	0	0
0.19254329	1	-0.8787881	0.62361645	1	0.038	0.031
0.48345146	1	-1.1756836	0.00954462	1	0	0.024
1	1	8.17262737	0.32710281	1	0	0
0.47413309	1	-7.9252476	0.31142884	1	0	0
0.03030999	1	3.1511429	0.02161683	1	0.057	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	1.86695771	0.32963505	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.33974125	1	-0.6719945	0.53289894	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.8528668	0.98178118	1	0	0
0.47413309	1	-7.7298236	0.31142884	1	0	0
0.21141637	1	-9.2156162	0.07816392	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.9394139	0.98178118	1	0	0
0.30884832	1	-8.4657652	0.15105729	1	0	0
0.49524626	1	0.1485027	0.56337368	1	0.019	0.008
0.47413309	1	0.1494911	0.98633536	1	0	0
0.98163398	1	2.58365563	0.00819412	1	0.019	0.008
0.80425179	1	0.51341293	0.26673163	1	0.019	0.047
0.85943846	1	-0.4265421	0.9390637	1	0	0.031
1	1	-0.0465426	1	1	0	0
0.18282634	1	0.13667802	0.84386889	1	0.048	0.047
0.87856965	1	-1.6137355	0.08499045	1	0.01	0.031
0.64367666	1	-0.8859069	0.98178118	1	0.01	0.008
0.47413309	1	0.41505855	0.98633536	1	0	0
1	1	-0.0465426	1	1	0.01	0

1	1	8.57863966	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.02480764	1	0.59843814	0.20334088	1	0.067	0.15
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.64786394	1	-0.0374051	0.7853209	1	0.029	0.024
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1	1	-0.0465426	1	1	0	0
0.40074577	1	-0.4005811	0.80053155	1	0.133	0.102
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	1.09900313	0.68103189	1	0.038	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.7426983	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.5063762	1	1.06637816	0.17027696	1	0.019	0.016
0.62937809	1	0.18749493	0.92530237	1	0.181	0.094
1	1	7.87696019	0.32710281	1	0	0
0.47413309	1	0.26052432	0.98633536	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	-8.0984832	0.15105729	1	0.01	0.008
0.47413309	1	-8.0209629	0.31142884	1	0	0
0.47413309	1	-7.3790662	0.31142884	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.25524257	1	0.43292525	0.56726912	1	0.048	0.063
1	1	7.52060469	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-2.5388047	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	-0.7748376	0.9693467	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.66623784	0.97579778	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.85964484	0.16448785	1	0.01	0.008
0.97114286	1	0.08329469	0.54877979	1	0	0.008
0.41781517	1	-0.1137417	0.90984971	1	0.019	0.031
0.23385587	1	-6.8349806	0.31142884	1	0	0.016
1	1	-0.0465426	1	1	0	0

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1	1	-0.0465426	1	1	0	0
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0.49910514	1	1.07218513	0.67572874	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.5063762	1	-1.0519604	0.68635085	1	0	0.016
0.30884832	1	-0.9007739	0.68635085	1	0	0
0.30884832	1	-8.5712643	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.78658181	1	0.78557435	0.97887812	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.69116215	0.98633536	1	0	0
1	1	6.48509506	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	1.48097853	0.98633536	1	0	0.008
0.47413309	1	-7.7827693	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-0.6623785	0.39411505	1	0.01	0
0.50172925	1	-0.0566133	0.9644948	1	0	0.008
1	1	8.92500673	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.08445636	1	3.81775466	0.03629671	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1.66E-12	4.58E-08	-0.1935675	0.4432625	1	0.095	0.094
1	1	7.63292603	0.32710281	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.33347299	1	2.01032146	0.01223078	1	0.048	0.031
0.16745907	1	4.95779975	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.55663952	1	-1.1785531	0.43847338	1	0.029	0.039
1	1	-0.0465426	1	1	0	0

0.14820265	1	0.32965338	0.68671581	1	0	0
0.33974125	1	-1.7571669	0.11279966	1	0.01	0.016
0.97638791	1	-0.4841407	0.97257202	1	0	0.008
0.47413309	1	-8.1406573	0.31142884	1	0	0
0.24311512	1	-0.6549771	0.28322908	1	0.086	0.079
0.24710063	1	-3.376731	0.02764129	1	0.019	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.22502458	1	0.53398154	0.27556639	1	0	0.024
0.47413309	1	-7.5462737	0.31142884	1	0	0
0.49524626	1	-0.6223084	0.95991711	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.32800273	1	-0.4941378	0.58881083	1	0	0.024
0.30884832	1	-7.8944911	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.35720241	0.32710281	1	0	0
0.47413309	1	0.17210975	0.58671897	1	0.01	0
0.97578525	1	0.34234565	0.7707728	1	0.048	0.016
0.47413309	1	-7.1238738	0.31142884	1	0	0
0.96415355	1	-1.0640036	0.72190121	1	0.01	0.031
0.04174572	1	-1.0784193	0.11340239	1	0.029	0.016
1	1	8.72092223	0.32710281	1	0	0
0.56885269	1	-2.1681147	0.47348045	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.3637573	0.54567368	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.20171332	1	0.53494412	0.45378128	1	0.048	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.77560668	1	0.17475223	0.44373301	1	0.076	0.031
0.16745907	1	7.08977508	0.32710281	1	0	0.008
0.05496036	1	-1.7147944	0.10847728	1	0.029	0.008
0.51614206	1	0.18495652	0.52213911	1	0.057	0.071
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	7.07188008	0.32710281	1	0	0
0.78543925	1	-0.590995	0.55544583	1	0.01	0.031

1	1	-0.0465426	1	1	0	0
0.47413309	1	0.23978452	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.47413309	1	-7.9252476	0.31142884	1	0.019	0
1	1	8.79146688	0.32710281	1	0	0
0.47413309	1	-7.6722679	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1671404	0.31142884	1	0	0
0.77502724	1	-1.7068348	0.21289686	1	0.029	0.047
1	1	-0.0465426	1	1	0	0
0.21141637	1	0.42597258	0.73699075	1	0	0
0.16745907	1	7.87869814	0.32710281	1	0	0.008
0.03480299	1	-1.2971002	0.08623185	1	0.01	0.031
0.86954876	1	-0.1458047	0.4549235	1	0.019	0.024
0.64367666	1	-8.1473257	0.31142884	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	9.14246303	0.16448785	1	0	0
1	1	8.00770607	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0.01	0
0.47413309	1	1.88847305	0.06417538	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.47413309	1	2.25608756	0.58031208	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.47413309	1	-7.8717215	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.33347299	1	2.06787143	0.11107762	1	0.019	0.031
1	1	8.01966878	0.32710281	1	0	0
0.70023339	1	-0.6790778	0.30421593	1	0.01	0.008
0.30884832	1	1.45455463	0.27153506	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.67013997	0.32710281	1	0	0
0.14820265	1	-2.710538	0.16707819	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.05227599	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.4135068	1	0.03428029	0.77117123	1	0.362	0.134
7.74E-20	2.14E-15	0.17850663	6.91E-05	1	1	1
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05458447	1	-1.3025038	0.18413651	1	0	0
1	1	-0.0465426	1	1	0	0
0.51269082	1	0.71294861	0.78887692	1	0	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
0.21141637	1	0.82799479	0.73006268	1	0	0
0.01117416	1	0.4563034	0.04933421	1	0.095	0.205
1	1	-0.0465426	1	1	0	0
0.3439308	1	-0.6362465	0.30239161	1	0.048	0.047
0.35638517	1	0.47534859	0.59792521	1	0.019	0.008
0.96089352	1	0.77393767	0.39057172	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.29911901	1	1.10445831	0.09992329	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
1	1	9.89784898	0.04861576	1	0.029	0
1	1	8.32866147	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0.01	0
0.78658181	1	0.6831906	0.33937369	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
9.29E-10	2.57E-05	-0.4485379	0.02210248	1	0.181	0.165
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	4.62806907	0.32710281	1	0	0
0.47413309	1	0.89003339	0.58671897	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.0053486	0.15105729	1	0	0
0.47413309	1	-7.5818323	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.4063392	0.54567368	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.5063762	1	2.04284715	0.00302192	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.43538981	0.08811101	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.14820265	1	-2.0228605	0.16707819	1	0.01	0
0.71462554	1	1.04405974	0.0001959	1	0.038	0.094
0.01504711	1	2.0256962	0.32718644	1	0.019	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-0.3777821	0.58671897	1	0	0
1	1	-0.0465426	1	1	0	0
0.06980402	1	-0.8358889	0.2033103	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.47649245	0.04861576	1	0.01	0
0.30884832	1	-2.1529895	0.54257632	1	0	0
0.00542594	1	8.5983278	0.32710281	1	0	0.031
1	1	-0.0465426	1	1	0.01	0
0.93770149	1	-0.0898595	0.85872139	1	0.076	0.071
1	1	7.19329602	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4969153	0.31142884	1	0	0
0.41948352	1	-0.1553057	0.49437489	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50825689	1	-1.1994541	0.38862877	1	0	0.008
6.73E-06	0.1855988	-0.2097647	0.46419411	1	0.076	0.15
0.16745907	1	6.65331084	0.16448785	1	0.01	0.008
0.10536053	1	-5.1345142	0.09144775	1	0	0
1	1	4.62806907	0.32710281	1	0	0
0.47413309	1	-7.6838794	0.31142884	1	0.01	0
0.21141637	1	-9.5475614	0.07816392	1	0	0
0.41781517	1	0.25382945	0.54437855	1	0.029	0.055
1	1	-0.0465426	1	1	0	0
0.64367666	1	-1.4820006	0.58671897	1	0.01	0.008
3.89E-05	1	-0.1721131	0.89714145	1	0.038	0.071
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.4708351	0.31142884	1	0.01	0

1	1	8.16708654	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.04834751	0.98633536	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	8.37649493	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.9445676	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4064971	0.31142884	1	0	0
1	1	6.59547804	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.29898488	0.54877979	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.08445636	1	0.87906244	0.98633536	1	0.019	0.024
0.02102196	1	-0.0114419	0.77742834	1	0	0
0.98163398	1	-1.3738148	0.54567368	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.09017531	0.32710281	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.21141637	1	-8.7926657	0.07816392	1	0.01	0
0.47413309	1	-8.4524524	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.19278429	0.16448785	1	0	0
0.22502458	1	0.37751181	0.43966909	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.22502458	1	0.78107838	0.10535202	1	0	0.024
0.63792001	1	0.18388772	0.58671897	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	8.39782146	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.2529226	0.98178118	1	0	0
1	1	8.7468128	0.32710281	1	0	0
0.30884832	1	1.33572488	0.98225045	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	10.34372	0.04861576	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

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0.79036851	1	-0.3490511	0.74964751	1	0.048	0.031
0.47413309	1	-7.6072073	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0	0
0.16745907	1	7.65661051	0.16448785	1	0	0.008
0.75526616	1	-0.331083	0.95689402	1	0.038	0.016
1	1	-0.0465426	1	1	0	0
0.97114286	1	-9.2548291	0.15105729	1	0.01	0.008
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0.47413309	1	-8.0689118	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.4026923	0.98178118	1	0	0
1	1	7.66551067	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.1399767	0.31142884	1	0	0
0.05458447	1	-0.5330791	0.93732619	1	0.01	0
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0.69851492	1	-1.6849154	0.70428365	1	0.01	0.031
0.47413309	1	-7.6641116	0.31142884	1	0	0
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0.47413309	1	0.61607186	0.98633536	1	0	0

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0.21141637	1	-10.220802	0.07816392	1	0.029	0
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0.47413309	1	-8.5069859	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.58749215	0.58351143	1	0	0
0.63792001	1	-0.1290157	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.97206132	1	-0.0353421	0.67996047	1	0.01	0.016
0.05012925	1	-0.0465426	1	1	0	0.016
0.01536376	1	-1.8429833	0.05660716	1	0.01	0
0.30884832	1	-1.3861352	0.97257202	1	0	0
1	1	-0.0465426	1	1	0	0
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0.30884832	1	-1.924274	0.9693467	1	0	0
0.50825689	1	0.28885468	0.67996047	1	0.038	0.008
1	1	-0.0465426	1	1	0	0
0.34528922	1	0.07667608	0.85876787	1	0.01	0.016
0.79445119	1	-0.3750171	0.96568352	1	0.01	0.016
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0.63792001	1	-1.9362936	0.98178118	1	0	0.008
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0.01621721	1	8.27383522	0.16448785	1	0	0.024
0.22045778	1	0.2013721	0.58381784	1	0.105	0.157
0.16745907	1	-0.0465426	1	1	0	0.008
0.79051383	1	-0.4982231	0.74394025	1	0.057	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
0.22114379	1	-8.7497167	0.15105729	1	0.019	0.024
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0.05012925	1	7.32864025	0.32710281	1	0.01	0.016
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1	1	8.77973343	0.16448785	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	8.09613027	0.32710281	1	0	0
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0.16745907	1	-0.0465426	1	1	0	0.008
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0.97638791	1	-0.7048348	0.68635085	1	0	0.008
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0.16745907	1	8.7468128	0.32710281	1	0	0.008
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0.69180038	1	-1.0181364	0.74626143	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.7061005	0.31142884	1	0	0
0.21141637	1	-4.8947849	0.29853994	1	0	0
0.21141637	1	-2.2507739	0.95777103	1	0.029	0
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0.63792001	1	0.37535837	0.98633536	1	0	0.008
0.01621721	1	9.26175305	0.16448785	1	0	0.024
1	1	-0.0465426	1	1	0	0
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0.97114286	1	0.04315809	0.97579778	1	0	0.008
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1	1	7.30029129	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	-3.4912422	0.54257632	1	0	0.008
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0.30884832	1	-0.7353694	0.9693467	1	0	0
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0.21141637	1	-10.069902	0.07816392	1	0	0
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1	1	7.7204876	0.32710281	1	0	0
1	1	-0.0465426	1	1	0.01	0

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0.05012925	1	8.91104788	0.08811101	1	0.019	0.016
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.9736902	0.98178118	1	0.01	0
0.30884832	1	2.65291926	0.02217811	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.5843237	0.31142884	1	0	0
0.47413309	1	-0.7161184	0.98178118	1	0	0
1	1	7.64616642	0.32710281	1	0	0
0.0395935	1	-1.3351113	0.36089515	1	0.01	0
0.23644964	1	1.57290707	0.33164578	1	0	0.016
0.21141637	1	-0.8269556	0.30421593	1	0	0
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0.05012925	1	-0.0465426	1	1	0	0.016
0.14504119	1	-0.4016411	0.44477413	1	0.01	0.016
0.16745907	1	7.82410516	0.32710281	1	0.01	0.008
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1	1	-0.0465426	1	1	0.01	0
1	1	9.5677783	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1635828	0.31142884	1	0	0
0.30884832	1	0.13212224	0.68635085	1	0.01	0
1	1	7.08977508	0.32710281	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-0.2783706	0.9683218	1	0.019	0
0.0834342	1	3.47723169	0.06200015	1	0.01	0.024
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0.10536053	1	-10.562264	0.02261846	1	0.01	0

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0.63792001	1	2.01372017	0.58031208	1	0	0.008
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0.23906368	1	-8.1512628	0.31142884	1	0	0.016
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0.62010994	1	0.42340859	0.77492143	1	0	0.024
0.46137015	1	0.02175841	0.67802648	1	0.076	0.055
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0.47413309	1	0.3250208	0.98633536	1	0	0
0.67240022	1	0.28700908	0.47549319	1	0.133	0.118
1	1	-0.0465426	1	1	0	0
0.30884832	1	-3.1599979	0.54257632	1	0	0
0.47413309	1	-2.1685082	0.98178118	1	0.01	0
0.23385587	1	1.133963	0.58351143	1	0.038	0.016
0.47413309	1	-7.1623989	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5462737	0.31142884	1	0	0
0.47413309	1	0.79639745	0.58351143	1	0	0
0.30884832	1	-9.1893665	0.15105729	1	0	0
0.47413309	1	-7.1238738	0.31142884	1	0	0
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0.16745907	1	-0.0465426	1	1	0	0.008
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0.47413309	1	-7.1238738	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.14820265	1	-0.6838403	0.6754711	1	0	0
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0.47413309	1	-6.1332792	0.31142884	1	0	0
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1	1	9.46834003	0.04861576	1	0	0
0.47413309	1	-6.6300567	0.31142884	1	0	0
0.50234742	1	-0.6851044	0.73928994	1	0.019	0.024
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0.47413309	1	-8.049686	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
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0.47413309	1	0.78088452	0.98633536	1	0	0
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0.09228924	1	1.45321177	0.27287433	1	0.019	0.031
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0.21141637	1	-1.5799159	0.30231602	1	0	0
0.64367666	1	-2.1182843	0.98178118	1	0	0.008
1	1	6.7973066	0.32710281	1	0	0
0.14414494	1	0.09625502	0.7096527	1	0.038	0.008
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0.93227023	1	1.21628773	0.17344518	1	0.048	0.039
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.3630802	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.63792001	1	1.01768185	0.58351143	1	0	0.008
1	1	8.56496008	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.1655435	0.54257632	1	0	0
0.62163783	1	0.31010774	0.40013239	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.01516009	1	0.97953454	0.2639239	1	0.067	0.063
0.23385587	1	2.05434332	0.10994172	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8284402	0.31142884	1	0	0
0.16745907	1	8.19891666	0.32710281	1	0.01	0.008
1	1	9.20888557	0.16448785	1	0	0
1	1	8.19891666	0.32710281	1	0	0

1	1	-0.0465426	1	1	0	0
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0.97638791	1	0.11924847	0.97579778	1	0.01	0.008
0.47413309	1	-7.4730412	0.31142884	1	0.01	0
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0.49910514	1	-0.4194766	0.9693467	1	0	0.016
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1	1	-0.0465426	1	1	0	0
0.16745907	1	9.6364837	0.32710281	1	0	0.008
0.50825689	1	0.91668767	0.76043012	1	0.029	0.008
0.75526616	1	0.90388022	0.42608138	1	0.019	0.016
0.47413309	1	1.16451059	0.33366442	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.10223504	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5866057	0.31142884	1	0	0
0.77782666	1	0.19305018	0.65866422	1	0.276	0.189
1	1	8.73602098	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.23644964	1	-7.4686325	0.31142884	1	0	0.016
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0.21141637	1	-3.1142084	0.29853994	1	0.01	0
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0.16745907	1	9.06139022	0.16448785	1	0	0.008
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0.63792001	1	1.49186429	0.33366442	1	0	0.008
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0.47413309	1	-6.8411014	0.31142884	1	0	0
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0.63792001	1	-0.8284187	0.98178118	1	0	0.008
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0.97638791	1	0.54842345	0.97902395	1	0	0.008
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0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-7.3630802	0.31142884	1	0	0
0.23644964	1	-8.165925	0.31142884	1	0.01	0.016
0.96183197	1	-0.7798804	0.48789378	1	0.038	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
0.97114286	1	0.68336122	0.97579778	1	0.019	0.008
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0.96183197	1	0.41329352	0.98027731	1	0.019	0.024
0.64367666	1	-8.4919063	0.31142884	1	0	0.008
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0.47413309	1	-0.0323656	0.33569097	1	0	0
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0.5063762	1	-0.5462217	0.54877979	1	0	0.016
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0.97206132	1	0.24992153	0.97136346	1	0.029	0.016
0.16745907	1	-0.0465426	1	1	0.01	0.008
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0.44159353	1	0.26187109	0.52959401	1	0.019	0.016
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0.33425077	1	0.84824552	0.16127868	1	0.086	0.016
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0.64367666	1	0.46348159	0.33569097	1	0.01	0.008
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0.47413309	1	-7.2591002	0.31142884	1	0	0
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0.50172925	1	-1.4281005	0.38862877	1	0	0.008
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0.50498751	1	-0.9690288	0.3922811	1	0.01	0.008
0.47413309	1	-7.0257918	0.31142884	1	0.01	0
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0.23802038	1	0.86697574	0.06656062	1	0.048	0.063
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0.16745907	1	-0.0465426	1	1	0	0.008
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0.64367666	1	2.24763664	0.58351143	1	0.01	0.008

0.0047954	1	-0.0860204	0.75682488	1	0.171	0.181
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0.23385587	1	-6.4878812	0.31142884	1	0	0.016
0.14951168	1	0.09212539	0.8953281	1	0.019	0.016
0.16745907	1	10.828041	0.00508653	1	0.01	0.008
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0.30884832	1	1.28120826	0.4338148	1	0.01	0
0.95878114	1	-0.6399473	0.29484327	1	0.029	0.024
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0.64367666	1	1.34722952	0.19168897	1	0.038	0.008
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0.56019485	1	-0.3201174	0.42673561	1	0.019	0.063
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0.05012925	1	10.3442588	0.02728712	1	0.01	0.016
0.16745907	1	9.43571945	0.16448785	1	0	0.008
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0.97638791	1	1.11104962	0.27556639	1	0.019	0.008
0.47413309	1	-7.8024069	0.31142884	1	0	0
0.39551855	1	-0.050521	0.77210595	1	0.057	0.071
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0.1171965	1	-0.7482585	0.93732619	1	0	0.063
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0.63792001	1	1.27706778	0.33366442	1	0	0.008
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0.0395935	1	-1.0099962	0.53289894	1	0.01	0
0.64287832	1	-0.2024214	0.29123407	1	0.019	0.047
0.63792001	1	-2.4310708	0.98178118	1	0	0.008
0.05012925	1	8.61898907	0.32710281	1	0.01	0.016
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0.16745907	1	-0.0465426	1	1	0	0.008
0.98163398	1	-8.5136659	0.15105729	1	0	0.008
0.35355563	1	-0.2850558	0.79501621	1	0.086	0.055
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0.01621721	1	6.07845411	0.16448785	1	0	0.024
0.77481873	1	0.8403242	0.97359938	1	0	0.016
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0.41247808	1	-0.002515	0.74394025	1	0.038	0.024
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0.64367666	1	-8.4475961	0.31142884	1	0	0.008
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0.01365716	1	-0.1375574	0.88118489	1	0.086	0.016
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3.62E-08	0.00099791	-0.6169243	0.96876162	1	0.086	0.299
0.28742722	1	-0.2758908	0.95689402	1	0	0.039
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0.63792001	1	-6.9514531	0.31142884	1	0	0.008
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0.0411653	1	0.34985569	0.27993483	1	0.133	0.118
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0.5063762	1	1.17810002	0.2742181	1	0.019	0.016
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0.47413309	1	-1.4192863	0.98178118	1	0	0

0.98163398	1	0.04465641	0.97579778	1	0.019	0.008
0.02980554	1	0.35030689	0.09158968	1	0.505	0.457
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0.47413309	1	0.64883671	0.98633536	1	0	0
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	7.35804754	0.32710281	1	0	0
0.30884832	1	-0.3852447	0.54877979	1	0	0
0.2532887	1	0.42243236	0.96914324	1	0.048	0.016
0.47413309	1	2.09794529	0.33366442	1	0	0
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0.06735386	1	-1.1987072	0.44491762	1	0.086	0.055
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0.14820265	1	0.32302159	0.77492143	1	0	0
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1	1	8.18275869	0.16448785	1	0	0
1	1	7.00888304	0.32710281	1	0.01	0
0.23644964	1	0.45005983	0.58671897	1	0.01	0.016
0.61395143	1	-0.3019551	0.98391306	1	0.029	0.047
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0.15187973	1	0.20917857	0.31352474	1	0.029	0.087
1	1	8.53164694	0.16448785	1	0	0
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1	1	7.55374347	0.32710281	1	0	0
0.62316808	1	0.07193272	0.7811564	1	0	0.024
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.47413309	1	-7.924238	0.31142884	1	0	0
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0.54930472	1	-0.049746	0.51330388	1	0.019	0.039
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0.21141637	1	-0.8951582	0.30421593	1	0	0
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0.76137315	1	0.16468185	0.85502389	1	0.029	0.024
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0.75583725	1	-0.5292052	0.92864333	1	0.029	0.024
0.70446388	1	0.13984025	0.97359938	1	0.01	0.008
0.11538915	1	-0.3254989	0.75733585	1	0.01	0.024
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0.47413309	1	-8.4168992	0.31142884	1	0	0
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0.64367666	1	-3.3507924	0.98178118	1	0	0.008
0.05012925	1	-0.0465426	1	1	0	0.016
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0.08445636	1	0.57325401	0.98633536	1	0.01	0.024
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0.47413309	1	-8.0357979	0.31142884	1	0	0
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0.47413309	1	-6.8129155	0.31142884	1	0	0
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0.16745907	1	-0.0465426	1	1	0.029	0.008
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0.97114286	1	-2.9176855	0.54257632	1	0	0.008
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0.47413309	1	-7.3578666	0.31142884	1	0	0
1	1	7.67121496	0.32710281	1	0	0
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0.00034259	1	0.04145501	0.92643906	1	0.01	0.071
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0.30884832	1	-1.1765889	0.54567368	1	0	0
0.47413309	1	-7.6210181	0.31142884	1	0	0
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0.97638791	1	-1.3104568	0.54257632	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.63792001	1	0.80316437	0.58351143	1	0	0.008
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0.9199939	1	0.36511454	0.2462516	1	0.048	0.039
0.71202216	1	-0.5670836	0.94462752	1	0.01	0.031
0.16745907	1	7.55873959	0.32710281	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
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0.47413309	1	-6.5026591	0.31142884	1	0	0

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0.16745907	1	9.1800517	0.16448785	1	0	0.008
0.0156621	1	1.6255531	0.21761603	1	0.038	0.055
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0.16745907	1	6.20801599	0.16448785	1	0.01	0.008
0.23385587	1	1.13331209	0.33366442	1	0.01	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
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0.21141637	1	-9.3440467	0.07816392	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.05012925	1	8.39632323	0.32710281	1	0.019	0.016
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0.94049042	1	-0.6992266	0.94462752	1	0	0.024
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0.98163398	1	0.31423656	0.68368941	1	0.01	0.008
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0.19246631	1	0.50907278	0.86521663	1	0.01	0.016
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0.79305752	1	-0.8700764	0.2962831	1	0.095	0.039
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0.64367666	1	-8.1477189	0.31142884	1	0	0.008
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0.12688186	1	0.41664629	0.43066316	1	0.029	0.055
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0.39549568	1	-0.5144892	0.6328241	1	0.057	0.071
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0.05012925	1	8.02590398	0.16448785	1	0	0.016
0.30884832	1	2.64648054	0.16497097	1	0.01	0
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0.70446388	1	-2.4347348	0.29853994	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.23644964	1	0.74357615	0.58351143	1	0	0.016
0.05012925	1	8.71225441	0.16448785	1	0	0.016
0.244212	1	0.69238751	0.8385119	1	0.01	0.024
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0.47413309	1	-7.3578666	0.31142884	1	0	0
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0.47413309	1	-8.6700255	0.31142884	1	0	0
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0.64367666	1	-0.1092175	0.58671897	1	0.019	0.008
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1	1	5.42762774	0.32710281	1	0	0
0.16745907	1	8.67413064	0.32710281	1	0.01	0.008
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0.47413309	1	1.43287403	0.58351143	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
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1	1	8.43785812	0.08811101	1	0	0
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1	1	5.45342005	0.32710281	1	0	0
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0.16745907	1	8.39782146	0.32710281	1	0	0.008
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0.47413309	1	-0.4014451	0.98178118	1	0	0
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0.14414494	1	-1.2063815	0.11675567	1	0	0.008
0.47413309	1	-0.0381127	0.98633536	1	0	0
0.30884832	1	-2.0066947	0.54257632	1	0	0
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0.47413309	1	-8.4690879	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-7.1770695	0.31142884	1	0	0
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0.30884832	1	-9.2872437	0.15105729	1	0	0
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0.14309652	1	0.56059379	0.8338598	1	0.019	0.008
0.16745907	1	7.72855272	0.16448785	1	0	0.008
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0.97114286	1	0.12896978	0.43966909	1	0.01	0.008
0.16745907	1	10.2587429	0.04861576	1	0.01	0.008
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0.56032473	1	-1.3391641	0.08758435	1	0.01	0.039
0.00702012	1	-0.3691824	0.52385002	1	0.057	0.047
0.23385587	1	-7.8847527	0.31142884	1	0	0.016
0.63792001	1	-7.9634604	0.31142884	1	0	0.008
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0.47413309	1	2.69662094	0.33164578	1	0	0
0.09122891	1	1.1418263	0.14416712	1	0	0.039
0.49910514	1	-9.2063103	0.15105729	1	0	0.016
0.23385587	1	1.79653816	0.58031208	1	0.01	0.016
0.96183197	1	-0.5133099	0.71709184	1	0.019	0.024
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0.19651289	1	1.35122699	0.26097411	1	0.01	0.008
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0.30884832	1	-0.0059569	0.97579778	1	0	0
0.30884832	1	-8.2544849	0.15105729	1	0.01	0
0.47413309	1	-1.5299011	0.98178118	1	0	0
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0.98163398	1	1.35833681	0.98225045	1	0	0.008
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0.23385587	1	-7.8562391	0.31142884	1	0.01	0.016
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0.47413309	1	-8.4671207	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-1.1486844	0.98178118	1	0	0

0.47413309	1	-7.5244913	0.31142884	1	0	0
0.97638791	1	-3.7511922	0.54257632	1	0	0.008
0.16745907	1	7.283457	0.32710281	1	0	0.008
0.64367666	1	0.91433877	0.58351143	1	0	0.008
0.47413309	1	1.75346924	0.58351143	1	0.01	0
0.63792001	1	0.99211771	0.98633536	1	0.019	0.008
1	1	4.62806907	0.32710281	1	0	0
0.74869428	1	0.52172777	0.21306247	1	0.01	0.016
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0.47413309	1	-7.3483951	0.31142884	1	0	0
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0.50498751	1	0.8558165	0.67771436	1	0.057	0.008
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0.97114286	1	-9.180565	0.15105729	1	0	0.008
0.47413309	1	0.34704684	0.98633536	1	0	0
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0.69601219	1	-1.0006231	0.62618056	1	0	0.008
0.06666778	1	0.17699362	0.83477253	1	0.057	0.039
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4919063	0.31142884	1	0	0
0.64367666	1	-7.993511	0.31142884	1	0	0.008
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0.30884832	1	-8.3851974	0.15105729	1	0.01	0
0.47413309	1	-7.2140127	0.31142884	1	0.01	0
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0.47413309	1	-7.9313206	0.31142884	1	0	0
1	1	4.62806907	0.32710281	1	0	0
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0.30884832	1	-3.0730886	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.88100141	0.01548432	1	0	0
0.64367666	1	-9.1399767	0.31142884	1	0	0.008
0.14067382	1	-0.8047485	0.89796194	1	0.019	0.016
0.10536053	1	-1.3821416	0.44491762	1	0.01	0
0.47413309	1	-2.1638685	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1635828	0.31142884	1	0	0
0.64367666	1	0.73485663	0.98633536	1	0	0.008
0.42550876	1	-0.0044495	0.82879728	1	0.048	0.039
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0.41247808	1	-2.6500301	0.62105689	1	0	0.024
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0.47413309	1	-7.8919709	0.31142884	1	0	0
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0.40982008	1	-0.155533	0.74626143	1	0.019	0.024
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0.50825689	1	-0.8674885	0.3922811	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	6.43518338	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.2214829	1	-0.17235	0.46259922	1	0.048	0.055
0.47413309	1	1.26305287	0.98633536	1	0	0
1	1	7.67936043	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.19329602	0.32710281	1	0	0
0.47413309	1	-7.4708351	0.31142884	1	0	0
0.94398666	1	-0.0451842	0.8864521	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-0.3750059	0.6287492	1	0.01	0
1	1	7.63263319	0.32710281	1	0	0

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0.47413309	1	3.11170584	0.32963505	1	0	0
1	1	6.57042383	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.16745907	1	8.19085641	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.35277581	1	-3.0679123	0.01639383	1	0.029	0.016
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0.47413309	1	-8.6762662	0.31142884	1	0	0
1	1	6.5818461	0.32710281	1	0	0
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0.04117308	1	-2.485168	0.00563213	1	0.057	0.008
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0.60469192	1	0.605791	0.20194987	1	0.029	0.039
0.5661051	1	-0.3812453	0.49926577	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.97114286	1	-1.1677996	0.54567368	1	0	0.008
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0.42051315	1	0.55401413	0.73467898	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.97578525	1	0.2486383	0.77492143	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.30884832	1	1.71783965	0.42800583	1	0.01	0
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0.00542594	1	5.42762774	0.32710281	1	0	0.031
1	1	6.48509506	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.14820265	1	-10.318916	0.04168349	1	0	0
0.50498751	1	-1.220632	0.16931443	1	0	0.008
0.70446388	1	-0.7397689	0.9604081	1	0	0.008
0.49910514	1	3.72387175	0.00463288	1	0	0.016
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1	1	-0.0465426	1	1	0	0

0.47413309	1	-7.9118439	0.31142884	1	0	0
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0.70446388	1	-0.3131549	0.30421593	1	0	0.008
2.02E-05	0.55646488	0.75384776	0.21835495	1	0.076	0.213
0.03705692	1	0.30310143	0.97136346	1	0.01	0.055
0.95717252	1	-0.4978429	0.39779847	1	0	0.016
1	1	-0.0465426	1	1	0.01	0
0.21141637	1	-9.4431852	0.07816392	1	0	0
0.05012925	1	7.92581733	0.16448785	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
9.39E-07	0.02591348	0.39537433	0.16462191	1	0.352	0.441
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0.47413309	1	-8.2648587	0.31142884	1	0	0
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0.01621721	1	9.66562323	0.04861576	1	0.01	0.024
0.23385587	1	0.06018505	0.58671897	1	0	0.016
0.64367666	1	-9.4923413	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.43169627	0.32710281	1	0	0.008
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.09228924	1	1.26189668	0.16849427	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.15555397	1	0.53743504	0.31188197	1	0.048	0.047
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.11112122	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.10906128	1	-0.4184654	0.65482449	1	0.057	0.016
1	1	7.2622947	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.09613027	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-7.6689619	0.15105729	1	0	0
1	1	7.44340939	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	6.67013997	0.32710281	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.30884832	1	-8.7103461	0.15105729	1	0	0
1	1	8.12351469	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.2288252	1	-0.4988879	0.3385612	1	0.019	0.024
0.23810074	1	0.48805202	0.12698039	1	0.048	0.134
0.16745907	1	8.25887137	0.32710281	1	0	0.008
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.3845413	1	0.16120025	0.2071221	1	0.029	0.024
0.47413309	1	1.03328041	0.33366442	1	0	0
0.70446388	1	0.01881548	0.63648202	1	0	0.008
0.01100069	1	-2.2187046	0.98178118	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.63792001	1	1.33628149	0.58351143	1	0	0.008
0.52919865	1	-0.5920394	0.74680835	1	0.114	0.079
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0.25759727	1	-0.2539684	0.29609437	1	0.01	0.008
0.47413309	1	-6.8411014	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.23644964	1	1.94057533	0.33164578	1	0	0.016
0.23385587	1	-7.3630802	0.31142884	1	0.01	0.016
0.30884832	1	-8.3255352	0.15105729	1	0	0
0.63792001	1	1.16695804	0.33569097	1	0.01	0.008
0.5063762	1	0.98505227	0.67572874	1	0	0.016
0.70446388	1	-9.0299505	0.07816392	1	0	0.008
0.47413309	1	-0.3232912	0.98178118	1	0.01	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.79483621	1	0.92300033	0.26905259	1	0.01	0.024

0.47413309	1	-1.343533	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	1.08980754	0.16938386	1	0.029	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
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0.30884832	1	0.17724543	0.97902395	1	0.019	0
0.49848215	1	-0.155762	0.27931978	1	0.01	0.008
0.61096469	1	-0.8653121	0.22576479	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.8008099	0.97257202	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
0.00615006	1	-0.0568818	0.96568352	1	0.01	0.063
0.49848215	1	1.51414535	0.38248836	1	0.019	0.008
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1	1	7.75388057	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	0.15561929	0.97096043	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.57601543	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.14347609	1	-0.3225149	0.74447068	1	0.048	0.024
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0.09049675	1	2.88640246	0.00475675	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.23385587	1	1.15070457	0.98633536	1	0.019	0.016
0.47413309	1	-7.6104449	0.31142884	1	0	0
1	1	7.63263319	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
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0.08548864	1	-0.473727	0.98178118	1	0	0.024
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.5811275	0.31142884	1	0	0
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0.57436691	1	-0.312091	0.65196383	1	0.038	0.016
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.92834981	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.32729286	0.68368941	1	0	0
0.47413309	1	-6.5026591	0.31142884	1	0	0
0.16745907	1	6.29639979	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.97638791	1	-9.0262508	0.15105729	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.64367666	1	-9.0883083	0.31142884	1	0	0.008
0.21141637	1	-0.45783	0.30421593	1	0	0
0.97638791	1	-1.214974	0.97257202	1	0	0.008
1	1	7.85729544	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.52440189	0.16448785	1	0.01	0
0.23906368	1	-0.1550982	0.58671897	1	0	0.016
0.30884832	1	-3.0274497	0.54257632	1	0	0
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0.50498751	1	-1.8161469	0.38318926	1	0	0.008
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0.47413309	1	-4.300488	0.98178118	1	0	0
0.50825689	1	-0.8348262	0.16931443	1	0.029	0.008
0.47413309	1	1.14819462	0.98633536	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.47413309	1	-0.464406	0.98178118	1	0	0
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0.30884832	1	-8.6297068	0.15105729	1	0	0
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0.30884832	1	-2.355523	0.54257632	1	0	0
0.47413309	1	-8.1867885	0.31142884	1	0	0
0.14378163	1	2.87003142	0.00991499	1	0.057	0.047
0.14820265	1	-9.9452716	0.04168349	1	0.01	0
0.47413309	1	-1.4428918	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.53765052	1	-1.4461339	0.68333985	1	0.019	0.031
0.5063762	1	-9.2537035	0.15105729	1	0	0.016
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0.30884832	1	-9.4574158	0.15105729	1	0	0
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0.64367666	1	0.08924314	0.98633536	1	0.01	0.008
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0.47413309	1	-0.0469342	0.58671897	1	0.01	0
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0.47413309	1	-0.8086866	0.98178118	1	0	0
1	1	10.5297074	0.08811101	1	0	0
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0.47413309	1	-7.3372009	0.31142884	1	0	0
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0.16745907	1	7.25314052	0.16448785	1	0	0.008
0.9199939	1	-0.076744	0.75719735	1	0	0.039
0.16745907	1	7.66311566	0.32710281	1	0	0.008
0.03633371	1	2.46435554	0.01371154	1	0.01	0.039
0.47413309	1	-0.6700819	0.98178118	1	0	0
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0.47413309	1	-0.4697991	0.33569097	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0.019	0.016
0.23385587	1	0.01636442	0.98633536	1	0.01	0.016
0.47413309	1	0.22011603	0.98633536	1	0	0
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1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.4523346	0.98178118	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	10.2033404	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.39270862	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.9795097	1	0.8830587	0.55471664	1	0	0.016
0.69180038	1	-10.086796	0.07816392	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.0476366	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0

0.96461538	1	-0.5165453	0.39045234	1	0.038	0.016
0.21141637	1	-3.1939409	0.30042403	1	0	0
1	1	-0.0465426	1	1	0	0
0.10536053	1	0.09706129	0.6077694	1	0.019	0
0.47413309	1	-0.8074585	0.98178118	1	0	0
0.49542447	1	-0.5093427	0.52397796	1	0.067	0.047
1	1	7.63263319	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.33396652	0.08811101	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.81999095	1	0.55519553	0.58258627	1	0.095	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.3951347	1	0.21619263	0.95674405	1	0.029	0.024
1	1	7.79264971	0.32710281	1	0	0
0.47413309	1	-7.950038	0.31142884	1	0	0
0.47413309	1	-7.4172364	0.31142884	1	0	0
0.64367666	1	-7.9313206	0.31142884	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.35120963	1	-0.780671	0.16706528	1	0.095	0.055
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1	1	-0.0465426	1	1	0	0
0.0990826	1	-1.1312161	0.24880637	1	0	0.008
0.47413309	1	2.15801626	0.32963505	1	0	0
0.7618558	1	-0.9342612	0.69331672	1	0.019	0.016
0.51370259	1	-0.3450604	0.97257202	1	0.057	0.016
1	1	9.1774951	0.32710281	1	0	0
1	1	8.38969889	0.16448785	1	0	0
0.05012925	1	7.94872355	0.16448785	1	0	0.016

1	1	5.61907498	0.32710281	1	0	0
0.30884832	1	-0.1970909	0.97257202	1	0	0
0.50498751	1	-10.19974	0.04168349	1	0	0.008
0.30884832	1	-8.1391634	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.17776782	0.33569097	1	0	0
1	1	9.73104402	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.19371732	1	0.86647033	0.50221194	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.65885507	1	-0.1621775	0.38842372	1	0.038	0.079
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.49524626	1	-0.7959643	0.66875868	1	0.01	0.008
0.47413309	1	-7.1918929	0.31142884	1	0	0
0.47413309	1	-8.5934183	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.6697317	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-2.2676102	0.54257632	1	0	0
0.47413309	1	-7.4620449	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	5.45342005	0.32710281	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.47413309	1	-8.5934183	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.8411014	0.31142884	1	0	0
0.63792001	1	3.49686824	0.32963505	1	0.019	0.008
0.30884832	1	-8.3834018	0.15105729	1	0	0
0.30884832	1	-8.692008	0.15105729	1	0.01	0
0.00201469	1	-0.2267101	0.07502758	1	0.429	0.268
0.16745907	1	9.15832764	0.16448785	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.0040997	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1238738	0.31142884	1	0	0

1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.2885131	0.54877979	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.23399511	1	1.65999205	0.07586377	1	0.095	0.047
0.47413309	1	-8.4934072	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.51301154	1	-0.820028	0.39521817	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4919063	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.0720927	0.54567368	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.63792001	1	-7.6311219	0.31142884	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.70446388	1	-0.3205273	0.6287492	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.4465503	0.31142884	1	0	0
0.23906368	1	0.45891494	0.33569097	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	7.25314052	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
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0.0288151	1	-0.9110526	0.55681952	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.36869196	1	0.98007669	0.59792521	1	0.01	0.008
0.21141637	1	-1.4679199	0.62361645	1	0	0
0.64367666	1	0.5279685	0.98633536	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-6.8177033	0.31142884	1	0	0.008
0.23644964	1	-7.9118439	0.31142884	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	7.95549949	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.5063762	1	-8.7863646	0.15105729	1	0	0.016

1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.1332792	0.31142884	1	0.01	0
0.97638791	1	-1.1130145	0.54567368	1	0	0.008
1	1	7.84933665	0.16448785	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.78064478	0.43966909	1	0	0
1	1	9.99608202	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
7.99E-08	0.00220423	0.1054379	0.92360242	1	0.124	0.071
1	1	-0.0465426	1	1	0	0
0.23906368	1	-9.4923413	0.31142884	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-0.8191052	0.98178118	1	0	0
1	1	8.01507063	0.32710281	1	0	0
0.08873238	1	0.63783999	0.67837832	1	0.019	0.031
0.47413309	1	-7.5818323	0.31142884	1	0	0
0.14504119	1	0.30060645	0.91884684	1	0.038	0.016
0.298827	1	-0.3206723	0.74576025	1	0.019	0.055
1	1	4.95779975	0.32710281	1	0	0
0.23385587	1	3.04982903	0.32963505	1	0.029	0.016
0.49848215	1	-9.7164879	0.04168349	1	0	0.008
0.47413309	1	-7.9225568	0.31142884	1	0	0
0.21141637	1	-4.4627524	0.29853994	1	0.01	0
0.78643232	1	-0.6882638	0.19103114	1	0.019	0.024
0.50172925	1	1.89325442	0.04784918	1	0.029	0.008
0.26867755	1	-0.6582873	0.14657765	1	0.01	0.008
0.50172925	1	0.49636624	0.55817164	1	0.01	0.008
0.47413309	1	-0.43228	0.98178118	1	0	0
1	1	7.4350472	0.16448785	1	0.029	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.924238	0.31142884	1	0	0
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0.21141637	1	-0.3630081	0.6287492	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.51466123	0.32710281	1	0.01	0

1	1	9.2534132	0.32710281	1	0	0
0.47413309	1	1.03194792	0.58351143	1	0	0
0.63792001	1	1.22954796	0.98633536	1	0	0.008
0.47413309	1	-7.9503806	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	0.93951896	0.68103189	1	0.01	0.008
0.41247808	1	0.35561607	0.97096043	1	0	0.024
0.08445636	1	1.03503449	0.33569097	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.15606329	1	0.71895809	0.21602918	1	0.076	0.063
1	1	-0.0465426	1	1	0	0
0.21141637	1	2.28003529	0.02125408	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.13592071	1	-0.7084447	0.22396599	1	0.019	0.008
0.22114379	1	-8.5622385	0.15105729	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.69132664	0.08811101	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.0998088	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.49910514	1	-0.8677561	0.54877979	1	0.01	0.016
1	1	7.61748754	0.32710281	1	0	0
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0.00667631	1	-0.3325601	0.22022603	1	0.238	0.165
1	1	8.16199087	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.28698428	0.08811101	1	0.029	0
0.02265456	1	-0.6181757	0.02828585	1	0.181	0.181
0.06143809	1	0.26620778	0.23199601	1	0.029	0.055
0.47413309	1	-7.9118439	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.02312711	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-2.6735486	0.98178118	1	0.01	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.2885347	0.31142884	1	0	0
0.47413309	1	1.89474007	0.58031208	1	0	0
0.47413309	1	-8.4602568	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.1909835	0.97579778	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.05012925	1	-0.0465426	1	1	0	0.016
0.25759727	1	-0.0153612	0.83232885	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5866057	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.7827693	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.47413309	1	1.67504399	0.58031208	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.5063762	1	0.91167067	0.68368941	1	0.01	0.016
1	1	4.64722057	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.1868474	1	-1.2814323	0.26848419	1	0	0.016
1	1	7.63292603	0.32710281	1	0	0
0.30884832	1	-0.8647313	0.54567368	1	0.01	0
0.47413309	1	1.06883944	0.98633536	1	0	0

1	1	-0.0465426	1	1	0.01	0
0.14820265	1	-2.6493088	0.16486421	1	0.019	0
0.47413309	1	-5.9265049	0.31142884	1	0	0
0.25759727	1	-10.44362	0.01240969	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.8696444	0.15105729	1	0	0
0.70023339	1	-1.7160016	0.62361645	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	6.41031691	0.32710281	1	0.019	0
0.47413309	1	-7.8024069	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8195012	0.31142884	1	0	0
0.0718725	1	0.01931322	0.68012697	1	0.029	0.039
0.4071723	1	0.17712819	0.50891479	1	0.01	0.024
0.47413309	1	-9.0822612	0.31142884	1	0	0
0.30884832	1	-9.5616627	0.15105729	1	0	0
1	1	7.6452799	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
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0.47413309	1	1.97637379	0.58031208	1	0.01	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-7.5576813	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.34528922	1	-1.750041	0.11224324	1	0.019	0.016
0.23644964	1	1.26461857	0.33366442	1	0	0.016
0.05012925	1	-0.0465426	1	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	10.2072284	0.08811101	1	0	0
1	1	9.5470445	0.32710281	1	0	0
0.14820265	1	-1.4516229	0.39045234	1	0.019	0
0.05458447	1	-0.2633343	0.67470873	1	0.029	0
0.47413309	1	-7.687866	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	0.70320071	0.97902395	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.11049873	0.58351143	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.80607838	1	0.31026983	0.96515642	1	0.01	0.024
0.47413309	1	-1.4409203	0.98178118	1	0	0
1	1	7.96648335	0.08811101	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.23385587	1	1.61649517	0.98633536	1	0	0.016
1	1	8.46691455	0.32710281	1	0	0
0.51003251	1	1.07450666	0.4338148	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8195012	0.31142884	1	0	0
1	1	-0.0465426	1	1	0.019	0
0.47413309	1	-8.2332018	0.31142884	1	0.019	0
1	1	4.95779975	0.32710281	1	0.01	0
0.16745907	1	7.75483709	0.32710281	1	0.01	0.008
0.41781517	1	0.08790049	0.77210595	1	0.019	0.031
0.97114286	1	-0.7349146	0.54877979	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.3372009	0.31142884	1	0	0
1	1	8.69426103	0.32710281	1	0	0
0.5063762	1	-1.2470998	0.9693467	1	0.01	0.016
1	1	8.25751143	0.32710281	1	0	0
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0.47413309	1	-10.027526	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
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0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	8.57241864	0.32710281	1	0	0
1	1	8.59218778	0.16448785	1	0	0
0.16745907	1	6.264871	0.32710281	1	0	0.008
0.30884832	1	-8.9959519	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.7298236	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
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0.60565073	1	0.1093282	0.36101857	1	0.076	0.071
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.1332792	0.31142884	1	0	0
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0.47413309	1	-7.4686325	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0	0
0.6323814	1	-1.5596916	0.3868104	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.64367666	1	-0.3706961	0.58671897	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.55782071	0.32710281	1	0	0
1	1	7.66551067	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.60537068	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.50273372	1	1.75399797	0.16849427	1	0.038	0.016
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

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0.16745907	1	-0.0465426	1	1	0	0.008
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0.63792001	1	0.28945967	0.33569097	1	0	0.008
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0.63792001	1	0.00492877	0.98633536	1	0	0.008
0.47413309	1	-7.920542	0.31142884	1	0	0
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0.01621721	1	9.71373511	0.02728712	1	0.01	0.024
0.47413309	1	2.04417827	0.58031208	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.33604578	0.04861576	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.94211731	1	-1.2602868	0.15553161	1	0.048	0.055
1	1	8.7468128	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.34292245	0.32710281	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.77546447	0.98633536	1	0	0
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0.05012925	1	7.05171476	0.16448785	1	0	0.016
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0.3007708	1	0.06853252	0.735588	1	0.105	0.055

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0.64367666	1	1.27514295	0.58351143	1	0.01	0.008
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0.47413309	1	-7.924238	0.31142884	1	0	0
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0.97114286	1	-2.3513742	0.54257632	1	0.029	0.008
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0.62316808	1	-0.1859795	0.95991711	1	0.019	0.024
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0.42550876	1	-0.7302239	0.49275031	1	0.076	0.039
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0.16745907	1	9.3787196	0.16448785	1	0	0.008
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0.50273372	1	0.44759078	0.67837832	1	0.029	0.016
1	1	8.2988651	0.16448785	1	0.01	0
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0.70023339	1	-10.325727	0.07816392	1	0	0.008
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0.16745907	1	7.68740179	0.16448785	1	0	0.008
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0.0288151	1	-0.9598215	0.25240942	1	0	0
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0.95884737	1	-0.0899266	0.68959808	1	0.019	0.031
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0.14820265	1	0.51304581	0.68446122	1	0	0
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0.30884832	1	-1.32325	0.54567368	1	0	0
0.84408382	1	-0.0468999	0.81260892	1	0.048	0.024
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0.06237373	1	0.05329594	0.58612407	1	0.105	0.087
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0.47413309	1	-7.8584865	0.31142884	1	0	0
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1	1	6.41031691	0.32710281	1	0	0
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0.64367666	1	1.76363677	0.19292413	1	0	0.008
0.47413309	1	-8.8165129	0.31142884	1	0	0
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0.47413309	1	-7.492802	0.31142884	1	0	0
0.16745907	1	7.79264971	0.32710281	1	0	0.008
1	1	9.42110728	0.16448785	1	0.01	0
0.93685013	1	0.24519552	0.35677479	1	0.076	0.039
0.04246118	1	-0.6880241	0.44150399	1	0.019	0.008
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0.3379047	1	-0.8693153	0.91765494	1	0.029	0.016
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0.47413309	1	-6.6300567	0.31142884	1	0.019	0

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0.16745907	1	-0.0465426	1	1	0	0.008
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0.16745907	1	-0.0465426	1	1	0	0.008
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0.51301154	1	0.76349118	0.82769611	1	0.019	0.024
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0.84408382	1	0.36073724	0.31925421	1	0.048	0.024
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0.47413309	1	-8.4302483	0.31142884	1	0	0
1	1	6.57042383	0.32710281	1	0	0
0.47413309	1	1.33450351	0.58031208	1	0	0
0.77806152	1	0.6153813	0.53961865	1	0.048	0.031
0.08653109	1	0.39140633	0.1114215	1	0.038	0.024
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0.64367666	1	-0.9417995	0.58671897	1	0	0.008
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0.75307397	1	-0.9975445	0.92343761	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.00129993	1	0.76166156	0.22092744	1	0.029	0.094
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0.47413309	1	0.27565243	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-8.0209629	0.31142884	1	0	0
0.62010994	1	-0.553671	0.16931443	1	0	0.024
0.8649812	1	0.71132419	0.00636579	1	0.01	0.118
0.03105896	1	-0.3697174	0.76117661	1	0.067	0.079
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0.47413309	1	-8.2411557	0.31142884	1	0	0
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0.47413309	1	-7.9252476	0.31142884	1	0	0
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0.53599107	1	0.26617747	0.71709469	1	0.019	0.031
0.64367666	1	-7.1770695	0.31142884	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
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0.03750853	1	1.48881488	0.2742181	1	0.019	0.039
0.05458447	1	0.00059792	0.51753149	1	0.038	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	1.92817916	0.33164578	1	0.01	0.008
0.30884832	1	-1.5132819	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-7.5929951	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.41549472	1	-0.3106014	0.49437489	1	0.01	0.039
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0.64367666	1	1.56597448	0.58351143	1	0	0.008
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0.98163398	1	-8.2057611	0.15105729	1	0.038	0.008
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-7.9008796	0.31142884	1	0	0
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0.25942163	1	-0.0753378	0.50090176	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.18190835	1	0.34837245	0.60944969	1	0.029	0.024
0.63792001	1	-7.1238738	0.31142884	1	0	0.008

0.97114286	1	-9.442887	0.15105729	1	0.029	0.008
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1	1	-0.0465426	1	1	0	0
1	1	7.7383472	0.32710281	1	0	0
0.64367666	1	-7.8662189	0.31142884	1	0	0.008
0.47413309	1	-8.4064971	0.31142884	1	0.01	0
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0.47413309	1	-8.7593625	0.31142884	1	0	0
0.16745907	1	8.036122	0.16448785	1	0	0.008
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1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.6300567	0.31142884	1	0	0
0.62930386	1	-0.366803	0.95991711	1	0	0.024
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0.16745907	1	8.16453644	0.32710281	1	0	0.008
0.70023339	1	-9.2860513	0.07816392	1	0	0.008
0.18685635	1	-0.5390436	0.72815862	1	0.019	0.008
0.02227213	1	0.0983556	0.95065406	1	0	0.008
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0.15277132	1	-1.4166558	0.14388656	1	0.029	0.039
0.47413309	1	-0.5225535	0.58671897	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.16745907	1	-0.0465426	1	1	0	0.008
0.64165215	1	-0.0558664	0.56511287	1	0	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
0.78265522	1	1.3476702	0.33800535	1	0.01	0.016
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0.47413309	1	-6.5026591	0.31142884	1	0	0
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1	1	8.05896636	0.32710281	1	0.019	0
0.30884832	1	-0.1822964	0.97579778	1	0.01	0
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0.29265419	1	-0.070252	0.62172284	1	0.057	0.024
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0.47413309	1	-7.492802	0.31142884	1	0	0
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0.58547061	1	-0.1150602	0.72260576	1	0.038	0.016
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0.95738132	1	0.10987967	0.76803425	1	0.067	0.047
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0.60152114	1	-0.2105983	0.61744147	1	0.057	0.102
1	1	-0.0465426	1	1	0	0
0.69180038	1	0.83908109	0.73236962	1	0.019	0.008
0.97114286	1	0.08546451	0.68368941	1	0.01	0.008
0.90584854	1	0.66539359	0.20885182	1	0.152	0.047
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0.69180038	1	-0.0684455	0.97096043	1	0	0.008
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0.01114857	1	-0.0139676	0.58671897	1	0.029	0.039
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0.95738132	1	0.77125665	0.05306593	1	0.029	0.047
0.47413309	1	-7.0257918	0.31142884	1	0	0
0.70446388	1	-2.9172138	0.29853994	1	0.029	0.008
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0.47413309	1	-1.8479464	0.98178118	1	0	0
0.08548864	1	4.24125735	0.02070636	1	0.01	0.024
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0.02127294	1	-0.9517481	0.3893737	1	0.038	0.094
1	1	8.85713531	0.04861576	1	0	0
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0.20003701	1	-0.5315907	0.96568352	1	0.057	0.031
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.4438687	1	0.85637156	0.37258592	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
0.98163398	1	-1.4649349	0.54257632	1	0	0.008
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0.30884832	1	0.49352963	0.68103189	1	0	0
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0.64367666	1	-0.1320453	0.98178118	1	0	0.008
1	1	5.45342005	0.32710281	1	0	0
0.17019543	1	-0.5900222	0.80066772	1	0.133	0.11
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0.19360484	1	-0.131229	0.93771495	1	0.048	0.016
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0.7618558	1	0.34970424	0.79739918	1	0.019	0.016
0.4438687	1	-2.4154815	0.08256587	1	0.01	0.016
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1	1	7.34625965	0.32710281	1	0	0
0.64367666	1	-1.9946016	0.98178118	1	0.01	0.008
0.32701964	1	-1.9216161	0.21338824	1	0.057	0.016
0.79051383	1	-1.0256383	0.62618056	1	0.01	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
0.38603344	1	0.46714369	0.36076722	1	0.01	0.039
0.63792001	1	0.45937787	0.98633536	1	0	0.008
0.13421357	1	0.23971153	0.86309962	1	0.067	0.071
0.63792001	1	0.4387494	0.58671897	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
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0.47413309	1	-0.6993232	0.98178118	1	0	0
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0.11182022	1	-0.5012085	0.74579881	1	0.048	0.016
0.23385587	1	-7.7298236	0.31142884	1	0.019	0.016
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0.70446388	1	-0.7668	0.30421593	1	0	0.008
0.14820265	1	-2.5365539	0.16596842	1	0	0
0.47413309	1	-2.9317233	0.98178118	1	0	0
0.64367666	1	0.36039878	0.58351143	1	0.01	0.008
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0.52260175	1	-0.0279025	0.80879961	1	0.029	0.031
1	1	7.83857352	0.32710281	1	0	0
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0.47413309	1	0.7910411	0.98633536	1	0	0
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0.30884832	1	0.55205302	0.27963836	1	0.01	0
0.64367666	1	-7.3483951	0.31142884	1	0	0.008
0.69180038	1	-1.9575614	0.62361645	1	0.029	0.008
1	1	6.264871	0.32710281	1	0	0
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0.42051315	1	-9.8153203	0.07816392	1	0	0.024
0.71473465	1	-0.8329046	0.94088011	1	0.01	0.031
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0.05012925	1	-0.0465426	1	1	0.01	0.016
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0.66145529	1	-0.4644044	0.61353048	1	0.019	0.039
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0.97638791	1	-2.3504089	0.9693467	1	0.01	0.008
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0.64367666	1	0.17156706	0.58671897	1	0.019	0.008
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0.70023339	1	0.82637224	0.33937369	1	0	0.008
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0.47413309	1	-7.998109	0.31142884	1	0	0
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0.14820265	1	0.95056615	0.38786581	1	0.01	0
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0.21141637	1	-0.3800201	0.63132234	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.94353696	1	-1.2564005	0.70246063	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.01621721	1	8.6382377	0.32710281	1	0.01	0.024
0.30884832	1	-8.7547831	0.15105729	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.47413309	1	-9.2298878	0.31142884	1	0	0
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0.47413309	1	-7.8662189	0.31142884	1	0	0
0.08445636	1	-7.4708351	0.31142884	1	0.01	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
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0.16745907	1	8.53070639	0.32710281	1	0	0.008
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0.09049675	1	-9.2080896	0.15105729	1	0	0.031
0.47413309	1	-6.5026591	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
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0.70023339	1	-1.3989266	0.30231602	1	0	0.008
0.98163398	1	-0.9935241	0.54567368	1	0	0.008
1	1	8.16453644	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.6551294	1	0.30383033	0.22599865	1	0.133	0.134
0.30884832	1	-8.6110238	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.2973807	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.80958271	0.19045963	1	0.01	0
0.47413309	1	0.96370992	0.33366442	1	0.01	0
0.97206132	1	-1.1211363	0.66652704	1	0	0.016
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0.16745907	1	9.2221476	0.04861576	1	0.019	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-8.1469326	0.31142884	1	0	0
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0.30884832	1	-0.9149262	0.54567368	1	0	0
0.64367666	1	-2.9325957	0.98178118	1	0.01	0.008
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0.35621607	1	-0.6420539	0.33394518	1	0.067	0.071
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0.77481873	1	0.40705824	0.73930489	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.97638791	1	-1.8852947	0.54257632	1	0	0.008
0.63792001	1	0.62029847	0.58671897	1	0	0.008

0.47413309	1	-7.9313206	0.31142884	1	0	0
0.0395935	1	0.07983937	0.95510245	1	0	0
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1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.2591002	0.31142884	1	0	0
0.62316808	1	1.02340164	0.76043012	1	0.029	0.024
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0.5063762	1	-4.2495963	0.54257632	1	0.01	0.016
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0.03135512	1	-2.7718394	0.02027553	1	0.01	0.008
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0.30884832	1	-8.517717	0.15105729	1	0	0
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0.50498751	1	-2.0820152	0.38318926	1	0.019	0.008
0.63057462	1	1.06251062	0.21392736	1	0.076	0.024
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0.47413309	1	-7.8195012	0.31142884	1	0	0
0.50498751	1	0.05237591	0.55817164	1	0.01	0.008
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0.16745907	1	-0.0465426	1	1	0	0.008
0.61979535	1	-0.6938726	0.15745729	1	0.038	0.063
0.01462256	1	-0.2848328	0.23993493	1	0.162	0.11
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0.85043588	1	-0.3675134	0.70133678	1	0	0.024
0.21141637	1	-4.1758964	0.29853994	1	0	0
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0.30884832	1	-0.9629751	0.54567368	1	0.01	0
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0.70446388	1	1.53337225	0.73006268	1	0	0.008
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0.77481873	1	-0.5031083	0.96568352	1	0	0.016
0.47413309	1	-2.0919659	0.98178118	1	0	0
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0.48779615	1	-2.3032113	0.11224324	1	0	0.047
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0.05012925	1	8.40232557	0.32710281	1	0	0.016
0.30884832	1	-0.5456176	0.97579778	1	0	0
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0.47413309	1	-7.1918929	0.31142884	1	0.01	0
0.64367666	1	-7.3207934	0.31142884	1	0.01	0.008
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0.36869196	1	1.00335034	0.69531856	1	0	0.008
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0.21141637	1	-0.3998662	0.9683218	1	0	0
0.78658181	1	0.60545952	0.97887812	1	0.038	0.016
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0.09319611	1	1.8474199	0.06293737	1	0.019	0.031
0.16745907	1	8.00477847	0.32710281	1	0.01	0.008
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0.74541514	1	0.04951012	0.96304725	1	0.01	0.016
0.08548864	1	3.19548831	0.06243024	1	0.01	0.024
0.47413309	1	-8.2648587	0.31142884	1	0	0
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0.47413309	1	-8.0285421	0.31142884	1	0	0
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0.47413309	1	-1.8367591	0.98178118	1	0	0
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0.47413309	1	-0.3832608	0.98178118	1	0	0
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0.22307814	1	2.19692025	0.26887006	1	0.01	0.024
0.16745907	1	7.87869814	0.32710281	1	0.01	0.008
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0.47413309	1	-7.9313206	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0	0
0.79445119	1	0.25403258	0.7416214	1	0.01	0.016
0.16745907	1	7.85866664	0.32710281	1	0	0.008
0.69601219	1	-2.3410655	0.30042403	1	0	0.008
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0.41781517	1	0.73612664	0.3172773	1	0.01	0.055
0.30884832	1	0.4389394	0.97902395	1	0	0
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0.47413309	1	1.76739349	0.58031208	1	0	0
1	1	9.59232321	0.16448785	1	0	0
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0.47413309	1	-0.8957436	0.58671897	1	0	0
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0.16745907	1	8.07124751	0.32710281	1	0.01	0.008
0.05012925	1	8.93054946	0.08811101	1	0.01	0.016
0.30884832	1	-0.5826787	0.54877979	1	0	0
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0.05779212	1	-0.7746164	0.35178072	1	0.019	0.016
0.05012925	1	10.6489799	0.00293347	1	0	0.016
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0.24908932	1	-2.2539507	0.03435554	1	0.048	0.024
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0.16745907	1	8.68690819	0.32710281	1	0.01	0.008
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0.09371837	1	-0.1232272	0.13925331	1	0.038	0.024
0.43126604	1	-1.0339604	0.57223233	1	0.057	0.031
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0.27331251	1	-0.5487104	0.60056958	1	0.067	0.063
0.16745907	1	-0.0465426	1	1	0	0.008
0.16745907	1	6.71398342	0.32710281	1	0	0.008
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0.33986431	1	0.95093467	0.37884027	1	0.01	0.047
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1	1	8.51251038	0.16448785	1	0	0
0.47413309	1	-7.9780574	0.31142884	1	0	0
0.47413309	1	-0.1668186	0.58671897	1	0	0
0.47413309	1	-6.9533245	0.31142884	1	0	0
0.64367666	1	-8.3361703	0.31142884	1	0	0.008
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0.50498751	1	1.61049825	0.07618592	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.85866664	0.32710281	1	0	0.008
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0.30884832	1	-0.056314	0.97579778	1	0.019	0
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0.52759386	1	0.54285548	0.43936159	1	0.029	0.031
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0.02153529	1	0.30270101	0.62191977	1	0.019	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
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0.18908025	1	-0.0584112	0.76517664	1	0	0.016
0.05623599	1	-1.0807334	0.30714662	1	0	0.008
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0.4166548	1	-0.2061918	0.9924218	1	0.152	0.118
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0

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1	1	-0.0465426	1	1	0	0
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1	1	6.264871	0.32710281	1	0.01	0
0.64367666	1	-8.9221795	0.31142884	1	0	0.008
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0.00036976	1	1.98235466	0.00371692	1	0.124	0.134
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1	1	4.64722057	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
0.25759727	1	-1.5915507	0.28374286	1	0.019	0.008
0.05012925	1	-0.0465426	1	1	0	0.016
0.47432988	1	-1.3057132	0.2203992	1	0.038	0.047
1	1	-0.0465426	1	1	0.01	0
0.75526616	1	-1.0221995	0.44663102	1	0.019	0.016
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0.47413309	1	-1.7885721	0.98178118	1	0.01	0
0.05458447	1	-0.950542	0.18842372	1	0.019	0
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0.97114286	1	0.48904931	0.17388468	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-7.9252476	0.31142884	1	0	0
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0.36696469	1	0.67393806	0.09181796	1	0.048	0.094
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1	1	-0.0465426	1	1	0	0
0.00542594	1	8.90376114	0.16448785	1	0	0.031
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1	1	-0.0465426	1	1	0	0
0.75197797	1	0.22286555	0.71140875	1	0.029	0.016
0.49910514	1	0.68054495	0.43966909	1	0.01	0.016
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1	1	-0.0465426	1	1	0	0
0.21141637	1	-1.2870698	0.96304561	1	0.019	0
0.73544228	1	1.23086633	0.15172632	1	0.038	0.039

0.58852936	1	0.07573403	0.38727923	1	0	0.039
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.47413309	1	-7.1635828	0.31142884	1	0	0
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0.64296548	1	-0.1650125	0.86814616	1	0.01	0.024
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0.16745907	1	-0.0465426	1	1	0	0.008
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0.01621721	1	-0.0465426	1	1	0.01	0.024
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0.21141637	1	-0.3487671	0.63132234	1	0.01	0
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0.49168121	1	-0.1217417	0.42435479	1	0.01	0.047
0.2173112	1	1.26107827	0.4338148	1	0.029	0.024
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0.32344247	1	0.26103667	0.31752112	1	0.029	0.016
1	1	6.42138394	0.32710281	1	0	0
0.47413309	1	-8.0285421	0.31142884	1	0	0
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0.13794199	1	-0.3558223	0.87911091	1	0.029	0.008
0.47413309	1	-7.7697253	0.31142884	1	0	0
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0.47413309	1	-1.7354274	0.98178118	1	0	0
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0.2173112	1	-0.0232213	0.97902395	1	0.038	0.024
0.64367666	1	-0.4300939	0.58671897	1	0	0.008
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0.47413309	1	2.86023983	0.58031208	1	0.01	0
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0.03070251	1	0.75039414	0.33569097	1	0.01	0.031
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0.95878114	1	1.23908053	0.05360963	1	0.01	0.024
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0.00890796	1	0.28237264	0.13562748	1	0.171	0.197
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0.16745907	1	-0.0465426	1	1	0	0.008
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0.47413309	1	-7.8195012	0.31142884	1	0	0
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0.5633639	1	-0.4250871	0.49437489	1	0	0.016
0.21141637	1	-9.5944085	0.07816392	1	0	0
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0.47413309	1	0.74508722	0.58351143	1	0.01	0
0.02102196	1	-1.7971148	0.04423416	1	0.019	0
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0.47413309	1	-8.9490833	0.31142884	1	0	0
0.30884832	1	0.15344933	0.27963836	1	0.01	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
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0.47413309	1	-1.2787342	0.98178118	1	0	0
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0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-2.9075016	0.98178118	1	0	0
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0.10906128	1	-0.8103108	0.33394152	1	0.019	0.016
0.98163398	1	-3.1124596	0.54257632	1	0	0.008
0.43480824	1	-1.1346554	0.33003613	1	0.029	0.016
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0.22895378	1	-0.1793343	0.44359701	1	0.01	0.024
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0.64786394	1	0.73184441	0.39057172	1	0	0.024
0.50273372	1	-8.9807896	0.15105729	1	0.019	0.016
0.14820265	1	-2.3181635	0.16596842	1	0.01	0
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0.16453507	1	0.3369919	0.68248735	1	0.048	0.063
1	1	-0.0465426	1	1	0	0
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	6.72849109	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.89561263	1	0.43882309	0.80180215	1	0.105	0.055
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1	1	4.95779975	0.32710281	1	0	0
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0.75240068	1	-1.1844349	0.36089515	1	0.038	0.039
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0.30884832	1	0.47630144	0.97902395	1	0.01	0
1	1	8.07124751	0.32710281	1	0	0
0.21141637	1	-9.3938345	0.07816392	1	0	0
1	1	7.19329602	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.14820265	1	-3.47633	0.38318926	1	0	0
0.13348229	1	0.45876631	0.47852952	1	0.01	0.055
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016

0.12096113	1	-0.2734255	0.5702764	1	0.076	0.055
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0.51269082	1	0.18064975	0.44473951	1	0.048	0.031
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0.0755948	1	0.5331301	0.62234095	1	0.01	0
1	1	7.58766965	0.32710281	1	0	0
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0.97114286	1	-1.5489997	0.54567368	1	0	0.008
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0.47413309	1	-6.5026591	0.31142884	1	0	0
0.68710704	1	0.35886223	0.95502161	1	0.01	0.047
0.05458447	1	-0.8782612	0.51733355	1	0.019	0
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0.83808982	1	0.65315653	0.96437748	1	0.038	0.055
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1	1	8.39782146	0.32710281	1	0	0
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0.5145326	1	-0.373326	0.81663542	1	0.067	0.071
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.33062241	1	-0.0825468	0.56050794	1	0.01	0.016
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0.00694382	1	-0.0725651	0.6783242	1	0.086	0.15
1	1	-0.0465426	1	1	0	0
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0.50825689	1	-3.2867064	0.16486421	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
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0.47413309	1	-1.2762994	0.98178118	1	0.019	0
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0.47413309	1	-8.2487318	0.31142884	1	0	0
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0.16745907	1	7.81713388	0.16448785	1	0	0.008
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0.30884832	1	1.64221984	0.67308317	1	0	0
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0.30884832	1	-8.030006	0.15105729	1	0	0
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0.16745907	1	9.69723064	0.04861576	1	0.01	0.008
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0.16745907	1	8.60893177	0.16448785	1	0	0.008
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0.58547061	1	0.46923983	0.82879728	1	0.076	0.016
0.87227604	1	-0.5517789	0.47773605	1	0.076	0.063
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0.22114379	1	1.86821422	0.16672562	1	0.01	0.024
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0.41247808	1	0.49193948	0.73467898	1	0.029	0.024
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0.5063762	1	0.6181934	0.67837832	1	0	0.016
0.49923583	1	0.82615478	0.15972711	1	0.029	0.031
9.95E-05	1	0.08278846	0.98458402	1	0.238	0.268
0.32830389	1	-0.18982	0.53326339	1	0.057	0.047
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0.23385587	1	3.24134776	0.19045963	1	0.019	0.016
0.10641428	1	0.37695244	0.08930418	1	0.01	0.055
1	1	4.64722057	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14160602	1	-0.4390927	0.63787091	1	0.152	0.126
1	1	-0.0465426	1	1	0	0

0.07859371	1	-0.4698815	0.74077413	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.30884832	1	-2.1180052	0.54257632	1	0	0
1	1	7.93565101	0.16448785	1	0	0
1	1	6.67013997	0.32710281	1	0	0
0.16745907	1	7.91390773	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.08445636	1	2.08973484	0.06417538	1	0.01	0.024
0.23385587	1	1.9695021	0.32963505	1	0	0.016
0.96153309	1	-0.6044731	0.8928729	1	0	0.055
1	1	8.04327376	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
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0.16745907	1	9.17020471	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.01790766	1	-0.0560565	0.35866982	1	0.181	0.181
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.0357979	0.31142884	1	0	0
1	1	7.47635806	0.32710281	1	0	0
0.16745907	1	5.45342005	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-2.7980646	0.98178118	1	0	0
1	1	4.62806907	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.1332792	0.31142884	1	0	0
0.0755948	1	-0.6987196	0.71709184	1	0.029	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.24300321	1	-1.5963189	0.12342755	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.14820265	1	-1.7402479	0.16931443	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-2.3218191	0.54257632	1	0	0
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0.21141637	1	-4.0060733	0.29853994	1	0	0
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.30884832	1	-4.3587016	0.54257632	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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1	1	6.63383926	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-2.219001	0.9693467	1	0	0
1	1	-0.0465426	1	1	0.01	0
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0.30884832	1	-0.999583	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
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0.47413309	1	0.61816114	0.58671897	1	0	0
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0.30884832	1	-1.8338778	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-9.6615538	0.04168349	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.05530364	0.16448785	1	0.01	0
1	1	7.35804754	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.9225568	0.31142884	1	0	0
0.47413309	1	-8.4602568	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.283457	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-8.6386687	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8530346	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.1441048	0.98178118	1	0.01	0
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0.47413309	1	-9.0822612	0.31142884	1	0	0
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0.25942163	1	-3.1837128	0.13799019	1	0.048	0.008
0.79445119	1	-1.4962755	0.62618056	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
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0.16745907	1	4.64722057	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.50825689	1	0.49167023	0.39738652	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.30884832	1	-8.6100503	0.15105729	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1671404	0.31142884	1	0	0
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0.47413309	1	-7.8195012	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
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0.16745907	1	8.40132343	0.32710281	1	0.01	0.008
0.47413309	1	-8.0689118	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.47413309	1	-2.5186524	0.98178118	1	0.029	0
0.16745907	1	8.9990108	0.16448785	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.79976912	1	-0.3025048	0.77450435	1	0	0.039
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1	1	-0.0465426	1	1	0	0
0.10536053	1	-1.6675097	0.68931947	1	0	0

0.47413309	1	2.55030442	0.06329784	1	0	0
1	1	-0.0465426	1	1	0	0
0.5063762	1	-2.0967094	0.54257632	1	0	0.016
0.47413309	1	-7.6426785	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.8861411	0.15105729	1	0	0
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0.23906368	1	2.04576056	0.33164578	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
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0.64367666	1	3.57533603	0.32963505	1	0	0.008
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0.09138946	1	-0.8376608	0.54567368	1	0	0.031
0.47413309	1	-5.9265049	0.31142884	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.10906128	1	0.01833411	0.94558219	1	0.019	0.016
0.30884832	1	-1.9742302	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.5148598	0.31142884	1	0	0.008
0.30884832	1	0.53660486	0.67837832	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.427445	0.54257632	1	0.01	0
0.47413309	1	-0.1657916	0.98178118	1	0	0
0.64367666	1	2.27003683	0.33366442	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4919063	0.31142884	1	0	0
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0.11721889	1	-0.0464476	0.23386422	1	0.067	0.087
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-8.1477189	0.31142884	1	0	0
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0.69601219	1	-1.8821887	0.30042403	1	0	0.008
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0.63792001	1	0.72469288	0.98633536	1	0	0.008
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0.01156509	1	-0.4448099	0.74123423	1	0.048	0.055
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0.47413309	1	-7.7466607	0.31142884	1	0.01	0
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0.47517877	1	-2.258738	0.13416959	1	0.01	0.024
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0.28907833	1	-0.0258786	0.6094171	1	0.048	0.039
0.41782464	1	-0.8405961	0.6287492	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.0032427	1	-0.7412343	0.19040543	1	0	0
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0.64367666	1	-8.1477189	0.31142884	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.4523346	0.98178118	1	0.01	0
0.76969987	1	0.88967649	0.83518252	1	0.01	0.024
1	1	-0.0465426	1	1	0.01	0
0.01621721	1	8.345329	0.32710281	1	0.01	0.024
0.47413309	1	-7.5576813	0.31142884	1	0	0
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0.14820265	1	-0.4938101	0.67099324	1	0	0
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0.47413309	1	-7.8195012	0.31142884	1	0	0
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0.75855879	1	-0.8967498	0.44663102	1	0	0.016
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0.64367666	1	-1.4434207	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.30884832	1	-9.6414262	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.10536053	1	-0.888645	0.24073833	1	0.019	0
0.63792001	1	-7.2140127	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	5.42762774	0.32710281	1	0.01	0
0.30884832	1	0.32806727	0.54877979	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.97578525	1	-0.5532857	0.57560187	1	0.01	0.016
0.16745907	1	6.09622385	0.32710281	1	0	0.008
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0.05012925	1	9.45547977	0.16448785	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.2712749	0.31142884	1	0	0
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0.5633639	1	0.03674387	0.83232885	1	0.019	0.016
0.47413309	1	-7.5866057	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.25041479	1	-1.1722357	0.24880637	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.7066122	0.31142884	1	0.01	0
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0.30884832	1	0.78843092	0.68103189	1	0	0
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0.47413309	1	-8.9490833	0.31142884	1	0	0
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1	1	8.12351469	0.32710281	1	0	0
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0.47413309	1	-7.9252476	0.31142884	1	0	0
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0.30884832	1	0.0338268	0.54877979	1	0	0
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0.16745907	1	-0.0465426	1	1	0	0.008
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0.16745907	1	-0.0465426	1	1	0	0.008
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0.19852148	1	0.36367541	0.73467898	1	0.029	0.031
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0.75197797	1	0.72293315	0.31083803	1	0.057	0.016
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	8.70010884	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.9044084	0.31142884	1	0.01	0
0.25589034	1	0.60375657	0.08516548	1	0.229	0.134
1	1	6.41031691	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.72046336	0.58031208	1	0.01	0
0.96089352	1	-1.1208053	0.56685464	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	2.24589844	0.10077132	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.8795789	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.78265522	1	-2.3321943	0.29853994	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.35631714	1	-0.8003859	0.52191395	1	0.01	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.23385587	1	1.21614007	0.33366442	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.2330119	1	0.66694738	0.20313328	1	0.019	0.071
0.77526587	1	1.02228876	0.03106079	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.24442144	1	0.43708439	0.14818335	1	0.105	0.11
0.47413309	1	-8.0209629	0.31142884	1	0	0
0.17929595	1	-0.4082017	0.13313421	1	0.114	0.157
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.15426271	1	-0.4039746	0.25173614	1	0.029	0.047
1	1	-0.0465426	1	1	0	0
0.752219	1	-0.7836905	0.48782631	1	0.048	0.11
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.2885347	0.31142884	1	0	0
0.16745907	1	7.64616642	0.32710281	1	0.01	0.008
0.51003251	1	0.13378963	0.97902395	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.16745907	1	7.85866664	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.64367666	1	-2.5007435	0.98178118	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-7.9854122	0.31142884	1	0	0
0.23906368	1	0.40665725	0.33569097	1	0.029	0.016
0.18685635	1	-1.6706728	0.32277045	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	4.95779975	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.5251674	0.15105729	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.4465503	0.31142884	1	0	0
0.30884832	1	0.95217209	0.67572874	1	0.038	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00705064	1	-0.4231165	0.17215232	1	0.038	0.024
0.26867755	1	0.56968782	0.73923315	1	0.01	0.008
0.47413309	1	-7.9313206	0.31142884	1	0	0
0.80425179	1	-0.1442677	0.95097441	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.9100881	0.15105729	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.86535502	0.16448785	1	0	0

0.47413309	1	-1.8208752	0.98178118	1	0	0
0.47413309	1	0.71496868	0.58671897	1	0	0
0.75197797	1	-0.6766954	0.44663102	1	0	0.016
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1	1	-0.0465426	1	1	0	0
0.30884832	1	0.81525185	0.67837832	1	0.01	0
1	1	5.45342005	0.32710281	1	0.01	0
0.47413309	1	0.51139643	0.19292413	1	0	0
1	1	9.51136106	0.16448785	1	0	0
1	1	7.92787775	0.32710281	1	0	0
0.23644964	1	2.96706494	0.06329784	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.11820111	1	0.38166258	0.34735099	1	0.057	0.094
0.71498301	1	0.82277945	0.20585885	1	0.086	0.102
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.69601219	1	0.17152684	0.97623862	1	0	0.008
0.47413309	1	-8.2332018	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-5.9265049	0.31142884	1	0	0
1	1	8.68690819	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.6327084	0.97257202	1	0	0
1	1	7.55374347	0.32710281	1	0	0
0.47413309	1	-6.8177033	0.31142884	1	0	0
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0.47413309	1	0.03875005	0.98633536	1	0.01	0
1	1	-0.0465426	1	1	0	0

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0.50172925	1	-0.7280657	0.78949156	1	0.029	0.008
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0.98163398	1	1.09466763	0.2742181	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	8.16453644	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	7.78481134	0.32710281	1	0	0.016
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0.47413309	1	-7.5576813	0.31142884	1	0	0
0.47413309	1	-7.1995654	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8562391	0.31142884	1	0	0
1	1	7.40694826	0.32710281	1	0	0
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0.47413309	1	-7.6072073	0.31142884	1	0	0
0.00329856	1	-0.0397166	0.26388109	1	0.171	0.26
0.47413309	1	-7.5831567	0.31142884	1	0	0
0.47413309	1	-0.736518	0.98178118	1	0	0
0.30884832	1	0.11978619	0.68901619	1	0	0
1	1	8.53564832	0.32710281	1	0.019	0
0.16745907	1	8.16428179	0.16448785	1	0	0.008
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.52759386	1	-0.2111782	0.95689402	1	0.038	0.031
0.5063762	1	-0.5775551	0.9693467	1	0.01	0.016

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0.47413309	1	-7.3765422	0.31142884	1	0	0
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1	1	7.87869814	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
0.05012925	1	8.46586628	0.32710281	1	0	0.016
0.79051383	1	0.66681275	0.34074557	1	0	0.016
0.16745907	1	7.57837124	0.16448785	1	0.01	0.008
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0.30884832	1	-2.2483985	0.54257632	1	0	0
0.30884832	1	-8.3669912	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
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0.16745907	1	7.68178285	0.32710281	1	0	0.008
1	1	8.17262737	0.32710281	1	0	0
0.30884832	1	-8.6096299	0.15105729	1	0	0
0.47413309	1	-0.5072729	0.98178118	1	0	0
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0.30884832	1	-2.5128834	0.54257632	1	0	0
0.04504113	1	-0.2036881	0.47564037	1	0.038	0.047
0.5063762	1	0.86186152	0.67837832	1	0.01	0.016
0.49652719	1	-0.9450557	0.04399475	1	0.019	0.071
0.30884832	1	-0.9137379	0.54567368	1	0.01	0
0.01621721	1	7.82410516	0.32710281	1	0.029	0.024
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0.30884832	1	1.23665681	0.98225045	1	0.029	0
0.97114286	1	-0.3648849	0.97257202	1	0	0.008
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0.47413309	1	-7.1238738	0.31142884	1	0	0
0.49129904	1	-0.6097776	0.40602097	1	0.171	0.102

1	1	9.61590411	0.04861576	1	0	0
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0.97114286	1	-4.1515263	0.54257632	1	0.01	0.008
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0.48345146	1	-0.5091899	0.88090969	1	0.038	0.024
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1	1	8.10587956	0.32710281	1	0	0
0.21141637	1	1.39017529	0.22051101	1	0.01	0
0.69180038	1	-9.4954315	0.07816392	1	0.01	0.008
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0.69180038	1	0.03306045	0.22836574	1	0	0.008
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0.47413309	1	-7.2471179	0.31142884	1	0	0
0.49910514	1	-0.2243734	0.54877979	1	0	0.016
1	1	8.39782146	0.32710281	1	0	0
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0.16745907	1	6.06890202	0.16448785	1	0.01	0.008
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0.82870926	1	1.01324172	0.01028664	1	0.057	0.047
0.16745907	1	-0.0465426	1	1	0	0.008
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0.47413309	1	-8.5217151	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0.01	0
0.64367666	1	-0.6740327	0.98178118	1	0.01	0.008
0.0844643	1	0.73614887	0.06974444	1	0.21	0.134
1	1	-0.0465426	1	1	0	0
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0.30884832	1	0.41683718	0.68635085	1	0.019	0
0.36127648	1	-1.4798975	0.44150208	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	-3.2332817	0.54257632	1	0	0
0.64367666	1	-8.4690879	0.31142884	1	0	0.008
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0.16745907	1	-0.0465426	1	1	0	0.008
1	1	8.25887137	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
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1	1	-0.0465426	1	1	0	0
1	1	7.0622311	0.32710281	1	0.01	0
0.84091157	1	0.28255256	0.59956087	1	0	0.024
0.30884832	1	-0.0986145	0.97579778	1	0	0

1	1	6.81286223	0.32710281	1	0	0
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0.21141637	1	-1.899292	0.30042403	1	0.01	0
0.5063762	1	-1.348694	0.54257632	1	0	0.016
0.47413309	1	1.35975324	0.98633536	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.6697317	0.31142884	1	0	0.008
0.01633135	1	-0.2275886	0.70513463	1	0.19	0.102
1	1	-0.0465426	1	1	0	0
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0.01621721	1	-0.0465426	1	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
1	1	4.95779975	0.32710281	1	0	0
0.97114286	1	-1.3726728	0.54257632	1	0.01	0.008
0.47413309	1	-6.8952857	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.36847292	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
0.47413309	1	1.34078064	0.58031208	1	0.01	0
0.14820265	1	0.32377223	0.97136346	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0.01	0.016
0.16745907	1	6.43518338	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-6.5026591	0.31142884	1	0	0.008
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0.34158419	1	-0.3099574	0.87911091	1	0.029	0.016
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.47413309	1	-7.6722679	0.31142884	1	0	0
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0.01284649	1	0.50858263	0.44562231	1	0.057	0.039
0.47413309	1	-0.4123388	0.98178118	1	0	0
0.43507055	1	0.19046115	0.93365757	1	0.048	0.071
1	1	-0.0465426	1	1	0	0
0.21141637	1	0.26837826	0.73467898	1	0.029	0
0.30884832	1	-0.5459185	0.44163055	1	0	0
0.51003251	1	0.49035854	0.68368941	1	0	0.016
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0.14820265	1	0.42308594	0.68220943	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	8.71842113	0.32710281	1	0	0
1	1	6.53144871	0.16448785	1	0	0
0.16745907	1	7.13407732	0.32710281	1	0	0.008
0.47413309	1	-8.2332018	0.31142884	1	0	0
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0.23644964	1	-8.4432394	0.31142884	1	0.01	0.016
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0.21141637	1	-3.2478121	0.29853994	1	0.019	0
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0.47413309	1	-8.6381149	0.31142884	1	0	0
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0.17169141	1	-0.2970878	0.93584871	1	0.01	0.024
0.00397202	1	-0.1936682	0.85081803	1	0.086	0.165
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0.30884832	1	-1.1260047	0.54567368	1	0.019	0
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0.47413309	1	-9.1399767	0.31142884	1	0	0

0.2173112	1	1.02087756	0.97579778	1	0.01	0.024
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0.64367666	1	-8.1473257	0.31142884	1	0	0.008
0.97578525	1	-1.5749415	0.65984988	1	0.029	0.016
1	1	5.45342005	0.32710281	1	0	0
0.47413309	1	-0.1848603	0.98178118	1	0	0
1	1	8.38488849	0.32710281	1	0	0
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0.16745907	1	8.21625458	0.16448785	1	0	0.008
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0.01621721	1	10.0085945	0.00885195	1	0.029	0.024
0.96089352	1	0.45934292	0.55817164	1	0	0.016
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1	1	6.82377064	0.32710281	1	0	0
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0.33425077	1	0.1428637	0.86658179	1	0.038	0.016
1	1	-0.0465426	1	1	0	0
0.30884832	1	-2.1541309	0.54257632	1	0	0
0.01558272	1	-0.8694031	0.66652704	1	0	0.063
0.47413309	1	0.32599658	0.98633536	1	0	0
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0.47413309	1	-8.43986	0.31142884	1	0	0
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0.47413309	1	0.06971107	0.98633536	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.8280825	0.32710281	1	0	0
0.16745907	1	8.87759759	0.16448785	1	0.038	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.00373613	1	-1.28874	0.05453756	1	0.019	0.016

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1	1	8.43802528	0.16448785	1	0	0
0.7983938	1	0.91712807	0.50340362	1	0.019	0.016
0.35882559	1	-0.892813	0.44834817	1	0.038	0.008
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0.14820265	1	-4.085044	0.16486421	1	0	0
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0.97206132	1	-9.7883898	0.04168349	1	0	0.016
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1	1	8.09613027	0.32710281	1	0	0
0.35638517	1	-1.0548542	0.24073833	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.687866	0.31142884	1	0	0
0.87255902	1	-0.3903466	0.49099924	1	0.21	0.165
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1	1	-0.0465426	1	1	0	0
1	1	9.27784516	0.16448785	1	0.01	0
1	1	6.63383926	0.32710281	1	0	0
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0.16745907	1	8.03671962	0.16448785	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.46443416	0.16448785	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.95471711	0.58351143	1	0	0
0.01579527	1	-0.2965244	0.75465197	1	0.095	0.047
1	1	6.54921854	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-0.2385089	0.9644948	1	0	0
0.00649601	1	-0.3199126	0.88927064	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.0689118	0.31142884	1	0	0
0.00249112	1	-1.1891733	0.20431405	1	0.01	0.016
0.14820265	1	-0.5086261	0.95762876	1	0	0
0.76969987	1	-1.0047862	0.33248137	1	0.019	0.024
0.00838299	1	-0.4108173	0.46365511	1	0.095	0.031
0.51003251	1	0.05310756	0.97579778	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1623989	0.31142884	1	0	0
0.38889715	1	0.58863802	0.35349285	1	0.076	0.039

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0.02102196	1	-1.3548295	0.16617514	1	0.01	0
0.47413309	1	-6.6300567	0.31142884	1	0	0
0.14338386	1	0.18685648	0.22319078	1	0.124	0.173
0.47413309	1	-7.1770695	0.31142884	1	0	0
4.84E-17	1.34E-12	-0.7576836	6.22E-06	0.17154253	0.114	0.181
0.22303885	1	-1.138875	0.18053649	1	0.019	0.063
0.04073225	1	-0.5235241	0.4469736	1	0.038	0.039
0.49524626	1	-0.8449053	0.67099324	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.14124355	1	0.17838568	0.71763371	1	0.171	0.157
1	1	-0.0465426	1	1	0	0
0.49910514	1	0.85324132	0.67308317	1	0	0.016
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0.00684143	1	-1.455496	0.0347104	1	0	0.008
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0.97114286	1	1.36507103	0.06403846	1	0	0.008
0.14041898	1	-0.3491167	0.49324671	1	0.019	0.024
0.47413309	1	-8.0357979	0.31142884	1	0	0
0.07794693	1	-0.2783983	0.45424064	1	0.019	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.17262737	0.32710281	1	0	0
1	1	7.87989256	0.16448785	1	0	0
0.63539624	1	0.08002071	0.67178143	1	0.248	0.331
0.01215046	1	-0.5148035	0.49529203	1	0.029	0.008
0.01329264	1	-0.9586114	0.37283871	1	0	0.024
0.47413309	1	-9.4353005	0.31142884	1	0	0
0.10536053	1	-2.2135771	0.23104175	1	0.01	0
0.47413309	1	-2.1412175	0.98178118	1	0	0
0.30884832	1	-1.2060642	0.54567368	1	0	0
0.14820265	1	0.14227539	0.96678408	1	0	0
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0.47413309	1	-7.8584865	0.31142884	1	0.01	0

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0.30884832	1	-9.2185846	0.15105729	1	0.01	0
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4.03E-09	0.00011111	-0.2487828	0.0863291	1	0.4	0.37
0.47413309	1	-2.2556533	0.98178118	1	0	0
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0.33761815	1	0.67594914	0.09419537	1	0.143	0.15
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0.0990826	1	-0.8357033	0.3893737	1	0.01	0.008
0.00167674	1	-0.5808658	0.59310729	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	6.264871	0.32710281	1	0	0
0.36373785	1	1.34232504	0.21306247	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	2.53972862	0.18923611	1	0.01	0
0.47413309	1	-7.6104449	0.31142884	1	0	0
0.70023339	1	-0.1442892	0.63389996	1	0.029	0.008
0.06638723	1	-0.2234767	0.3963972	1	0.286	0.362
0.00242657	1	0.19887267	0.26658311	1	0.057	0.197
0.30884832	1	-8.7164108	0.15105729	1	0	0
0.3551964	1	0.06470555	0.45072463	1	0.095	0.134
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.165925	0.31142884	1	0	0
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0.04320305	1	1.24258463	0.08504486	1	0.057	0.087
0.16745907	1	8.57579725	0.16448785	1	0	0.008
1	1	9.96472804	0.04861576	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.30884832	1	0.6630401	0.97579778	1	0	0
0.70838003	1	-0.175727	0.63709641	1	0.143	0.079

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0.97114286	1	0.18842832	0.97579778	1	0	0.008
0.30884832	1	-0.4980852	0.68635085	1	0	0
0.33399775	1	-0.1699253	0.75031473	1	0.41	0.512
0.00854144	1	-0.0429102	0.55543456	1	0.143	0.142
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
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0.18685635	1	0.54539849	0.49968221	1	0.019	0.008
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0.61828677	1	-0.1641774	0.86971106	1	0.029	0.024
0.2424813	1	-0.4650413	0.15213814	1	0.229	0.331
0.21141637	1	-4.3540432	0.29853994	1	0.01	0
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0.42450946	1	-0.6033884	0.2195453	1	0	0.031
0.2122149	1	0.13146054	0.31853864	1	0.152	0.197
0.16745907	1	6.09622385	0.32710281	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.26680846	1	-0.0996559	0.64724828	1	0.01	0.008
0.63792001	1	-2.1239402	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.22886042	1	-0.2675478	0.15791972	1	0.714	0.52
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	1.25820559	0.16938386	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.2813454	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-0.7287634	0.68368941	1	0	0.008
0.70446388	1	0.5576852	0.97623862	1	0.01	0.008

1	1	-0.0465426	1	1	0	0
0.16745907	1	7.05498828	0.32710281	1	0	0.008
0.00808334	1	0.17483293	0.30534321	1	0.171	0.118
1	1	-0.0465426	1	1	0	0
0.64367666	1	-8.0689118	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-2.274942	0.29853994	1	0.01	0
0.47413309	1	-7.7175431	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.37750502	0.32710281	1	0	0
0.47413309	1	3.10509089	0.06243024	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.0395935	1	0.23296313	0.96162754	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.26523485	0.32710281	1	0	0
0.21141637	1	0.40714199	0.97096043	1	0.01	0
0.16745907	1	8.345329	0.32710281	1	0	0.008
1	1	6.35720241	0.32710281	1	0	0
1	1	7.49007148	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.34162684	0.16448785	1	0.01	0
0.30884832	1	-0.0918915	0.97579778	1	0	0
0.3098061	1	0.73111689	0.07147379	1	0.257	0.252
1	1	8.67469031	0.16448785	1	0	0
0.69180038	1	0.18800142	0.97359938	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.75942319	0.43576121	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.59022559	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.00552219	1	0.33588941	0.05399988	1	0.114	0.11
0.30884832	1	0.19779917	0.68901619	1	0.01	0
0.68938994	1	-0.1872915	0.66640032	1	0.076	0.102
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.9503806	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.37827708	1	0.28543056	0.06380567	1	0.029	0.063

1	1	-0.0465426	1	1	0	0
1	1	6.94079156	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.36869196	1	0.3521232	0.59956087	1	0.019	0.008
1	1	8.56459186	0.16448785	1	0	0
0.30884832	1	0.07943121	0.68635085	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.8349806	0.31142884	1	0	0
0.47413309	1	1.04125064	0.58351143	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8530346	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.39301039	1	-0.4210137	0.24263365	1	0.029	0.055
1	1	7.25755932	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.70023339	1	1.58233883	0.97887812	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05458447	1	0.1816947	0.66129931	1	0.048	0
1	1	-0.0465426	1	1	0	0
0.07143956	1	2.00500794	0.00691398	1	0.038	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.67199657	1	-0.3296299	0.92942354	1	0	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	2.13466149	0.58031208	1	0	0.008
2.44E-06	0.06731452	0.25103441	0.16382022	1	0.171	0.283
1	1	-0.0465426	1	1	0	0
1	1	7.05498828	0.32710281	1	0	0
0.06087653	1	1.56170034	0.11450791	1	0.048	0.063
0.63792001	1	2.9868623	0.58351143	1	0.01	0.008
0.63546533	1	0.94943507	0.38921733	1	0	0.024
1	1	-0.0465426	1	1	0.019	0
0.01404472	1	0.29951827	0.14076921	1	0.448	0.323
1	1	-0.0465426	1	1	0	0

0.30884832	1	-2.1145785	0.9693467	1	0.019	0
0.47413309	1	-7.3177104	0.31142884	1	0	0
1	1	7.05498828	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.01536376	1	-0.4358844	0.74850205	1	0	0
0.30884832	1	-0.8160736	0.54877979	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
2.40E-06	0.06616935	0.06005504	0.77313242	1	0.095	0.118
1	1	-0.0465426	1	1	0	0
0.01718301	1	-0.5755007	0.23432577	1	0.048	0.126
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.5477021	0.15105729	1	0.01	0
1.06E-09	2.91E-05	-0.2599277	0.19176575	1	0.133	0.142
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.49757055	0.58671897	1	0.01	0
0.36869196	1	0.91256784	0.58329636	1	0	0.008
0.68068867	1	0.00754611	0.81468071	1	0.124	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.82501985	1	-0.3696147	0.52057645	1	0.114	0.094
0.30884832	1	-3.2140483	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.63792001	1	-7.8922998	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.02780348	0.33569097	1	0.01	0
0.23906368	1	-7.5831567	0.31142884	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.69426103	0.32710281	1	0	0
0.47413309	1	-7.1918929	0.31142884	1	0	0
0.49910514	1	1.94469886	0.68103189	1	0.01	0.016
0.86798897	1	-0.0759855	0.68756763	1	0.305	0.252
0.21141637	1	-9.0080964	0.07816392	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	8.66687991	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.16745907	1	-0.0465426	1	1	0	0.008
1	1	8.55224542	0.32710281	1	0	0
1	1	7.39648698	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-7.1238738	0.31142884	1	0	0.008
3.18E-22	8.78E-18	-0.385545	0.00672919	1	0.248	0.22
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.5063762	1	-1.051537	0.54567368	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.01621721	1	9.60889033	0.04861576	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.86939755	0.16448785	1	0	0
0.21141637	1	1.57844075	0.14148758	1	0	0
1	1	-0.0465426	1	1	0	0
0.70023339	1	0.57303821	0.73236962	1	0	0.008
0.22698312	1	1.19090004	0.03917785	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.5069859	0.31142884	1	0	0
0.00014375	1	-0.2030695	0.6258484	1	0.029	0.039
0.30884832	1	2.05795199	0.00511302	1	0	0
0.47413309	1	-8.0819992	0.31142884	1	0	0
0.21141637	1	-4.7382193	0.29853994	1	0.01	0
0.02227799	1	-0.0102667	0.74021012	1	0.095	0.047
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	7.49007148	0.32710281	1	0	0
1	1	9.24955732	0.08811101	1	0	0
0.21141637	1	0.55146283	0.50340362	1	0.01	0
0.01130622	1	-1.9908962	0.07015954	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.58087611	0.32710281	1	0	0
0.05458447	1	-0.3136399	0.86497989	1	0	0
0.05012925	1	10.0926196	0.02728712	1	0.029	0.016
0.98163398	1	-8.6387592	0.15105729	1	0	0.008

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.75855879	1	1.53740669	0.2061586	1	0.029	0.016
0.63792001	1	0.56663712	0.98633536	1	0	0.008
1	1	4.64722057	0.32710281	1	0	0
0.30884832	1	-3.4162148	0.54257632	1	0	0
0.26867755	1	-0.039743	0.26426481	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.22307814	1	1.39830651	0.67572874	1	0.01	0.024
0.96393316	1	0.77903151	0.09291504	1	0.086	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.01476434	1	-0.1436241	0.74310671	1	0.619	0.638
0.47413309	1	-7.3790662	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.18381347	1	0.32080959	0.67681896	1	0.019	0.063
0.26125492	1	-1.1648836	0.29111125	1	0.01	0.008
0.14820265	1	0.7395782	0.27206064	1	0	0
0.47413309	1	0.08559182	0.33569097	1	0	0
0.69313835	1	0.0707127	0.1823377	1	0.01	0.031
0.47413309	1	-2.7740898	0.58671897	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.77873416	1	-4.5600053	0.29853994	1	0.01	0.016
0.47413309	1	0.4766072	0.58671897	1	0	0
1	1	8.97267669	0.32710281	1	0	0
1	1	7.35886024	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.71299675	0.19292413	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.22988723	1	0.29020295	0.86804276	1	0.029	0.071
0.30884832	1	-9.1942651	0.15105729	1	0	0
0.29123905	1	-0.7771083	0.88130407	1	0.019	0.024
0.97638791	1	0.18182438	0.68368941	1	0.01	0.008
0.30884832	1	0.58087915	0.68103189	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.52742801	0.58351143	1	0	0
1	1	-0.0465426	1	1	0	0
8.72E-12	2.41E-07	-0.3010243	0.5344485	1	0.114	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1248339	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-8.9044084	0.31142884	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-5.9265049	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.05496007	1	-0.5928951	0.0454213	1	0.019	0.039
0.83136187	1	-1.406095	0.18141453	1	0.029	0.079
1	1	-0.0465426	1	1	0	0
0.47413309	1	2.35082702	0.58031208	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
0.11225966	1	0.23085247	0.32614735	1	0.276	0.236
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.3162165	0.54567368	1	0	0
0.16745907	1	9.49194399	0.08811101	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.00773934	1	-2.0177485	0.00217134	1	0.01	0.016
0.47413309	1	-0.3011753	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.0357979	0.31142884	1	0	0
0.97114286	1	-1.2372153	0.9693467	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.82745686	0.32710281	1	0	0
0.63792001	1	-7.1623989	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.0002921	1	0.04676554	0.74048046	1	0.048	0.016
0.00484546	1	0.267781	0.4238268	1	0.295	0.283
0.30884832	1	-8.2877468	0.15105729	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.8079887	1	-0.0407652	0.1198371	1	0.086	0.063
0.16745907	1	8.46691455	0.32710281	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
7.05E-06	0.19447803	-0.491032	0.17234126	1	0.067	0.031
1	1	-0.0465426	1	1	0	0
0.2561855	1	-2.2097496	0.13475902	1	0	0.016
0.47413309	1	-1.3043994	0.98178118	1	0	0
0.24916243	1	0.43425729	0.07501926	1	0.01	0.031
0.79320442	1	0.88168523	0.03246985	1	0.143	0.126
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.89667469	0.32963505	1	0.01	0
0.47413309	1	-7.0014575	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.25759727	1	1.14305955	0.11979433	1	0	0.008
0.07289934	1	0.17915241	0.5838574	1	0	0.008
0.05012925	1	7.66311566	0.32710281	1	0	0.016
0.47413309	1	-6.8129155	0.31142884	1	0	0
1	1	5.42762774	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.9824695	0.31142884	1	0	0
0.47413309	1	0.44498008	0.98633536	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.69180038	1	1.13156395	0.14416712	1	0.048	0.008
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.70023339	1	-2.1743652	0.62105689	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00038866	1	0.1972995	0.93814902	1	0.038	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.019	0
0.16745907	1	8.16708654	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0

0.64367666	1	-1.6740673	0.98178118	1	0	0.008
0.48075049	1	-0.1971361	0.44787643	1	0.124	0.197
1	1	-0.0465426	1	1	0	0
0.02992178	1	2.37754947	0.18923611	1	0.067	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	7.6189369	0.32710281	1	0	0
1	1	6.59547804	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.00747562	1	-0.3112109	0.24948607	1	0.229	0.22
0.97638791	1	0.60280882	0.68103189	1	0	0.008
0.30884832	1	0.54088703	0.54877979	1	0.01	0
1	1	7.08917494	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.41974978	0.16448785	1	0	0.008
0.63792001	1	-7.776991	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.4195617	0.97257202	1	0	0
1	1	-0.0465426	1	1	0	0
0.01397699	1	-0.0371337	0.38409409	1	0.01	0.039
1	1	9.18698491	0.32710281	1	0	0
1	1	8.70041728	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-3.7881388	0.54257632	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.26867755	1	0.03275613	0.72260576	1	0	0.008
0.26680846	1	-1.816213	0.28496208	1	0	0.008
0.63792001	1	-8.43986	0.31142884	1	0	0.008
0.97114286	1	-0.4487514	0.9693467	1	0	0.008
0.47413309	1	-0.9504363	0.98178118	1	0	0
0.00149558	1	-0.7426665	0.06618554	1	0.076	0.071
0.47413309	1	0.72258912	0.33569097	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.70023339	1	0.79621935	0.34349999	1	0.038	0.008
0.01621721	1	-0.0465426	1	1	0	0.024
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.47413309	1	-8.3551348	0.31142884	1	0	0

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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.7775508	0.31142884	1	0	0
0.47413309	1	-7.8562391	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.7593625	0.31142884	1	0	0
0.01316199	1	0.14572094	0.59258346	1	0.067	0.126
0.47413309	1	-8.1500805	0.31142884	1	0	0
1	1	7.58766965	0.32710281	1	0	0
0.75197797	1	0.02138824	0.80689665	1	0	0.016
0.2561855	1	0.12038645	0.72269637	1	0.038	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-0.0989141	0.98178118	1	0	0.008
0.47413309	1	1.00425328	0.58351143	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.3372009	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.59759849	1	-0.7172372	0.30202481	1	0.067	0.063
0.9795097	1	1.3659217	0.54100214	1	0.019	0.016
0.47413309	1	1.0620433	0.58351143	1	0.01	0
0.4438687	1	-0.4088182	0.86497989	1	0.019	0.016
0.55124345	1	-0.1235484	0.33864553	1	0.019	0.039
1	1	8.39632323	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.60537068	0.32710281	1	0	0
0.47413309	1	-7.3207934	0.31142884	1	0	0
0.16745907	1	7.40544908	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.15043079	0.97579778	1	0	0
0.19233053	1	-0.4169743	0.52344537	1	0	0.008
0.50498751	1	0.88785391	0.17898554	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.36546917	0.58671897	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.06529187	0.32710281	1	0	0
0.70390665	1	0.08011694	0.34474865	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.30884832	1	1.59151757	0.10304143	1	0	0
1	1	-0.0465426	1	1	0	0
0.04228708	1	0.15901186	0.82790671	1	0.133	0.15
1	1	6.06890202	0.16448785	1	0	0
0.32344247	1	0.04036477	0.54460772	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.54921854	0.32710281	1	0	0
0.63792001	1	0.50269694	0.58671897	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.13634267	1	0.11476475	0.46920597	1	0.114	0.15
0.36869196	1	-1.850148	0.23223841	1	0.029	0.008
0.68613072	1	-0.5690263	0.32032765	1	0.038	0.039
0.30884832	1	-0.7931411	0.9693467	1	0	0
0.00812401	1	-1.2155307	0.00892779	1	0	0.031
0.47413309	1	-7.5563804	0.31142884	1	0	0
0.47413309	1	-7.3630802	0.31142884	1	0	0
0.97638791	1	0.74928087	0.97579778	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.85729544	0.32710281	1	0.019	0
1	1	-0.0465426	1	1	0.01	0
0.03840944	1	-0.1083897	0.7737184	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00331361	1	0.52217705	0.12672346	1	0.105	0.055
1	1	-0.0465426	1	1	0	0
0.71448385	1	-0.2331789	0.28735826	1	0.4	0.386
1	1	8.68690819	0.32710281	1	0	0
0.47413309	1	-8.7941195	0.31142884	1	0	0
0.0111258	1	-0.5048116	0.63028042	1	0.038	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.96461538	1	-4.2826259	0.16486421	1	0	0.016
0.00904524	1	-1.1199126	0.08935927	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.6818902	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.08113648	0.97902395	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008

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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.28571296	1	-0.3502614	0.59899176	1	0.057	0.071
1	1	-0.0465426	1	1	0	0
0.14820265	1	-2.7678828	0.16596842	1	0.01	0
0.60928064	1	-0.8383153	0.06222425	1	0.086	0.165
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.50022876	1	0.82530264	0.0940675	1	0.038	0.024
1	1	-0.0465426	1	1	0	0
0.76026905	1	0.79432642	0.00539261	1	0.076	0.126
1	1	-0.0465426	1	1	0	0
1	1	7.35804754	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.28414413	1	0.71028564	0.02934741	1	0.057	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.9514531	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.09285433	1	-0.0603087	0.91862934	1	0.686	0.559
0.92372097	1	-0.1140739	0.1434774	1	0.067	0.047
1	1	6.264871	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	0.54168286	0.50891479	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-5.9265049	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1.74E-08	0.00048041	0.18747747	0.12634723	1	0.124	0.055
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1	1	-0.0465426	1	1	0	0
0.01254328	1	0.68836624	0.10228626	1	0.019	0.008
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.07616091	1	-0.307079	0.91587604	1	0.305	0.276
0.64367666	1	1.57470624	0.00438805	1	0.01	0.008
0.0066115	1	0.47223976	0.25830235	1	0.114	0.157
0.44252591	1	-0.8691924	0.99815563	1	0.048	0.039
1	1	-0.0465426	1	1	0	0
1	1	6.5818461	0.32710281	1	0	0
1	1	7.48927673	0.32710281	1	0	0
0.7983938	1	1.00069314	0.49610472	1	0.01	0.016
1	1	6.59547804	0.32710281	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.21141637	1	-2.3263618	0.29853994	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.69180038	1	-1.5148445	0.30231602	1	0	0.008
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1	1	-0.0465426	1	1	0	0
1	1	7.10223504	0.32710281	1	0	0
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0.00834594	1	-0.7976388	0.27558315	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.5513545	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.3765422	0.31142884	1	0	0
0.97114286	1	-0.6038136	0.9693467	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.1916466	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-1.4163879	0.62618056	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5563804	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.21141637	1	-9.5317472	0.07816392	1	0	0
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0.0032427	1	-0.7873982	0.45807696	1	0.019	0
0.97114286	1	-2.4304253	0.68901619	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.10536053	1	0.07087224	0.70939025	1	0	0
0.47413309	1	-7.5563804	0.31142884	1	0	0
0.80795267	1	-0.716884	0.46011486	1	0.019	0.047
0.47413309	1	-1.4403902	0.98178118	1	0	0
1	1	8.34292245	0.32710281	1	0	0
1.03E-05	0.28455833	-0.4967514	0.61626002	1	0.095	0.055
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.5032595	0.98178118	1	0	0
0.26867755	1	-0.4141415	0.94650168	1	0	0.008
0.21141637	1	-1.6934707	0.30042403	1	0	0
0.00823433	1	-0.5057221	0.46325456	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8024069	0.31142884	1	0	0
0.47413309	1	-1.3713086	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.0782477	0.31142884	1	0	0
1	1	9.34735918	0.08811101	1	0	0
0.05170497	1	0.30648884	0.20353913	1	0.305	0.37
1.67E-09	4.62E-05	-0.3889746	0.00748056	1	0.276	0.26
1	1	-0.0465426	1	1	0	0
0.50273372	1	0.47457953	0.17117359	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.72168906	1	0.08953427	0.71646573	1	0.019	0.087
0.47413309	1	-8.1799342	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-8.8240556	0.31142884	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-7.1995654	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05458447	1	-3.3412891	0.02906413	1	0.029	0
0.47413309	1	-9.5791809	0.31142884	1	0	0
2.62E-17	7.23E-13	-0.3177235	0.11963725	1	0.21	0.189
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
4.29E-24	1.18E-19	-0.3083573	0.02396084	1	0.371	0.283
1	1	-0.0465426	1	1	0	0
0.01062459	1	0.11659614	0.52760856	1	0.2	0.134
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.78265522	1	-9.8509825	0.07816392	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.21104072	1	-0.5536374	0.61657133	1	0.029	0.047
0.47413309	1	-7.2885347	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	3.15557916	0.58031208	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.1318031	0.98178118	1	0	0
0.79282013	1	0.20973911	0.36754706	1	0.286	0.213
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.31247003	0.32710281	1	0	0
0.49524626	1	-0.7872058	0.95991711	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.55250431	1	0.78433512	0.05362816	1	0.067	0.079
1	1	-0.0465426	1	1	0	0
0.10133683	1	0.29670549	0.5987816	1	0.029	0.008
1	1	-0.0465426	1	1	0	0

0.23906368	1	1.74390785	0.33164578	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.8635597	0.9693467	1	0.01	0
0.10536053	1	-3.151253	0.09208501	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-1.2900289	0.30231602	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.20386228	1	-0.7088347	0.51816985	1	0.01	0.031
0.97114286	1	-0.4167902	0.97579778	1	0	0.008
0.47413309	1	0.49635509	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.2738078	0.97579778	1	0	0
1	1	-0.0465426	1	1	0	0
0.18685635	1	-1.8702893	0.08304625	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.10536053	1	0.03681188	0.22172524	1	0	0
1	1	-0.0465426	1	1	0	0
0.01216938	1	0.87224267	0.01373185	1	0.057	0.055
2.85E-05	0.78687132	0.18076872	0.10118012	1	0.524	0.551
0.64367666	1	-9.876737	0.31142884	1	0	0.008
4.39E-09	0.00012128	-0.428287	0.07490282	1	0.171	0.126
0.9388459	1	0.30985112	0.34649262	1	0.038	0.079
1	1	-0.0465426	1	1	0	0
0.30884832	1	1.24163042	0.27287433	1	0	0
0.47413309	1	-7.993511	0.31142884	1	0	0
0.21141637	1	0.41565302	0.97359938	1	0.01	0
1	1	8.25751143	0.32710281	1	0	0
0.30884832	1	-8.0753227	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.0737298	1	-0.0659968	0.93929464	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.77481873	1	-0.734564	0.6287492	1	0	0.016
0.21141637	1	-8.8159425	0.07816392	1	0	0
1	1	-0.0465426	1	1	0	0
2.59E-07	0.00715023	-0.2125923	0.59415618	1	0.048	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
7.71E-05	1	-1.2354292	0.00116674	1	0.048	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.23385587	1	1.54632107	0.33366442	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.0395935	1	-1.1438671	0.52717543	1	0.019	0
0.30884832	1	1.56297889	0.42800583	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.11163919	1	0.50178104	0.54413875	1	0.076	0.024
0.16745907	1	8.86018079	0.16448785	1	0.038	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.21141637	1	0.25187463	0.73930489	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	2.20593963	0.32963505	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	1.74904912	0.33366442	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.52114623	0.32710281	1	0	0
0.16745907	1	8.28680694	0.32710281	1	0	0.008
0.10536053	1	-5.5197619	0.09144775	1	0.01	0
0.47413309	1	-8.1500805	0.31142884	1	0	0
0.47413309	1	-6.8177033	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.36847292	0.32710281	1	0	0.008
0.08653109	1	1.59387294	0.19045963	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00241161	1	-0.33641	0.60713824	1	0.257	0.228
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	2.4710715	0.33164578	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.27237457	0.98633536	1	0	0
0.95717252	1	-0.2419734	0.77699816	1	0.01	0.016
0.66964114	1	-0.0096336	0.9214627	1	0.057	0.039
0.48612996	1	-0.5693078	0.69123536	1	0.162	0.094
1	1	-0.0465426	1	1	0	0
0.6903113	1	-0.8531309	0.11537545	1	0.076	0.071
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	2.11630213	0.98633536	1	0	0.008
0.0755948	1	-0.7009209	0.49275031	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.1684029	0.58351143	1	0	0.008
1	1	-0.0465426	1	1	0	0
3.05E-06	0.08419046	-1.0914058	0.00123466	1	0.029	0.055
1	1	-0.0465426	1	1	0	0
0.47413309	1	2.48036772	0.58351143	1	0.019	0
0.36869196	1	0.56100809	0.43802297	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-0.1683816	0.68103189	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.78481134	0.32710281	1	0	0
0.00438765	1	-0.1159136	0.52387659	1	0.19	0.276
1	1	7.90712508	0.16448785	1	0	0
0.20676738	1	-0.7694985	0.20072458	1	0.067	0.063
0.05458447	1	-1.2783743	0.70784783	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.0014575	0.31142884	1	0	0
0.00812949	1	0.05308362	0.45776868	1	0.295	0.354
0.32847534	1	-0.1554214	0.63999224	1	0.076	0.031
6.33E-12	1.75E-07	-0.2102856	0.14600597	1	0.324	0.425
0.16745907	1	7.87869814	0.32710281	1	0	0.008
0.00565705	1	-0.5289818	0.13611319	1	0.21	0.157
0.47413309	1	-0.3465672	0.98178118	1	0	0

0.16745907	1	4.62806907	0.32710281	1	0	0.008
0.30884832	1	-9.0066366	0.15105729	1	0	0
1	1	8.01507063	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-0.5343584	0.67771436	1	0.019	0
0.47413309	1	2.66978261	0.98633536	1	0	0
0.47413309	1	-8.9333566	0.31142884	1	0	0
0.18821398	1	-2.5910212	0.08161187	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-8.6933565	0.15105729	1	0	0.008
0.56935976	1	0.25267931	0.98067983	1	0.133	0.15
1	1	-0.0465426	1	1	0	0
1	1	4.64722057	0.32710281	1	0.01	0
0.05012925	1	-0.0465426	1	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.2016672	0.15105729	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.05284	0.58671897	1	0	0
0.01797524	1	0.25949645	0.31355629	1	0.048	0.055
1	1	-0.0465426	1	1	0	0
1	1	7.78481134	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.96757877	1	-0.2453391	0.1613134	1	0.181	0.189
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.01091079	1	-1.0145725	0.1025562	1	0.019	0.031
0.35638517	1	0.49707808	0.31502765	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.21910652	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
0.64367666	1	2.46761469	0.32963505	1	0	0.008
1	1	-0.0465426	1	1	0.01	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50273372	1	0.28761566	0.68103189	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
0.18573831	1	-0.0822933	0.94210352	1	0.029	0.016
1	1	7.37750502	0.32710281	1	0	0
0.14820265	1	0.22664054	0.77492143	1	0.029	0
1	1	-0.0465426	1	1	0	0
1	1	7.35298365	0.32710281	1	0	0
0.03915373	1	-0.376572	0.75745487	1	0.029	0.024
0.49371962	1	0.67006162	0.44621825	1	0.038	0.055
1	1	8.09572549	0.32710281	1	0	0
1	1	7.9322038	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-0.3230644	0.98178118	1	0	0
0.00650483	1	-0.3440248	0.75461002	1	0.029	0.039
0.34438972	1	-0.4368442	0.19669259	1	0.333	0.299
0.69601219	1	0.7328679	0.14620218	1	0.01	0.008
0.34164412	1	0.42057291	0.18717668	1	0.01	0.031
0.47413309	1	-7.3765422	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.39932126	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.03087208	1	-0.746875	0.44767585	1	0.048	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.36847292	0.32710281	1	0	0
1	1	6.71398342	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.00436131	1	-0.0558968	0.85572636	1	0.019	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-1.744587	0.38862877	1	0.019	0
0.05012925	1	7.52114623	0.32710281	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.43986	0.31142884	1	0	0
0.98163398	1	-1.7952049	0.54257632	1	0	0.008
0.14820265	1	-9.5555257	0.04168349	1	0	0
0.30884832	1	-1.0466238	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.2242465	0.15105729	1	0	0

0.47413309	1	-9.1286362	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	5.45342005	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.30884832	1	-0.6092157	0.9693467	1	0	0
0.30884832	1	-1.2528039	0.54257632	1	0.01	0
0.30884832	1	0.67069726	0.43966909	1	0	0
0.34577732	1	0.43641869	0.27308968	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-0.651343	0.54567368	1	0	0.008
1.07E-05	0.29619792	0.01231347	0.82346675	1	0.124	0.142
1	1	9.52767373	0.16448785	1	0	0
0.47413309	1	-1.7885721	0.98178118	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	7.58766965	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.57241864	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.4602714	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-0.0646518	0.7416214	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.4736155	1	0.08695234	0.7047644	1	0.876	0.835
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.7841966	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.53885915	0.32710281	1	0	0
0.63139756	1	-0.2024792	0.62799767	1	0.038	0.087
0.05012925	1	5.42762774	0.32710281	1	0	0.016
1	1	4.64722057	0.32710281	1	0.01	0
0.97638791	1	-8.3115788	0.15105729	1	0	0.008
1	1	-0.0465426	1	1	0	0

0.29828028	1	-0.3858134	0.20476764	1	0.267	0.315
0.63792001	1	0.33249738	0.98633536	1	0	0.008
0.88404926	1	-0.2211326	0.53422947	1	0.048	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5244913	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.49848215	1	-3.7175043	0.38499722	1	0.01	0.008
0.47413309	1	0.84529478	0.58671897	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.10536053	1	0.81492435	0.58329636	1	0	0
0.71155054	1	-0.2156312	0.59029406	1	0.229	0.157
0.64367666	1	2.11824425	0.19045963	1	0.029	0.008
0.47413309	1	-8.0782477	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.21141637	1	-9.6352686	0.07816392	1	0	0
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1	1	8.49603083	0.16448785	1	0	0
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1	1	-0.0465426	1	1	0	0
0.47413309	1	0.41046815	0.98633536	1	0.019	0
0.78084345	1	-1.3706879	0.18498812	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.02448265	1	-0.5697717	0.70048292	1	0.01	0.024
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1	1	-0.0465426	1	1	0	0
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0.30884832	1	0.80384395	0.67837832	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	5.42762774	0.32710281	1	0	0
0.47413309	1	-7.1671404	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
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0.0395935	1	-3.2704223	0.01615263	1	0	0
0.00307973	1	-0.6357251	0.11116212	1	0.105	0.079
1	1	-0.0465426	1	1	0.01	0
1	1	9.39212242	0.08811101	1	0	0
0.47413309	1	-7.6104449	0.31142884	1	0	0
0.21141637	1	0.27941574	0.73699075	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.21141637	1	-9.8625039	0.07816392	1	0	0
0.30884832	1	-0.7680738	0.54567368	1	0	0
0.79051383	1	0.39245891	0.22539719	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.8448602	0.97257202	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.0124606	0.68901619	1	0.01	0
1	1	4.62806907	0.32710281	1	0	0
0.47413309	1	-6.5026591	0.31142884	1	0	0
0.49007416	1	0.17698395	0.14562931	1	0.257	0.244
7.17E-15	1.98E-10	0.68327442	1.33E-08	0.00036698	0.952	0.953
0.30884832	1	-3.6093238	0.54257632	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	1.4299268	0.58351143	1	0.029	0.008
0.49524626	1	-0.2161457	0.96678408	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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0.00549863	1	-0.2274251	0.50138156	1	0.029	0.055
1	1	10.3400154	0.04861576	1	0	0
0.30884832	1	-1.6645055	0.9693467	1	0	0
0.64367666	1	-1.7652753	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	10.591571	0.02728712	1	0	0
0.30884832	1	2.11505009	0.16497097	1	0.029	0
1	1	-0.0465426	1	1	0	0
1	1	4.64722057	0.32710281	1	0	0
0.14338184	1	0.31145786	0.41683149	1	0.086	0.039

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.42573188	1	-0.6005274	0.13393121	1	0.362	0.299
0.14205396	1	0.67730861	0.83851817	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8530346	0.31142884	1	0	0
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1	1	-0.0465426	1	1	0	0
0.0395935	1	1.11697988	0.03745694	1	0.029	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.70023339	1	0.83285521	0.73236962	1	0.01	0.008
1	1	-0.0465426	1	1	0.01	0
0.00019487	1	0.1052277	0.43362266	1	0.648	0.693
0.47413309	1	-7.6638312	0.31142884	1	0	0
0.47413309	1	-7.3630802	0.31142884	1	0	0
0.63792001	1	-7.5929951	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.08961107	1	1.01991375	0.43576121	1	0.01	0.031
0.50825689	1	0.05480755	0.68220943	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.09017531	0.32710281	1	0	0
1	1	6.59547804	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.4942951	0.31142884	1	0	0
1	1	7.79038249	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.73602098	0.32710281	1	0	0
0.47413309	1	-7.4686325	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50172925	1	-0.8444861	0.66652704	1	0	0.008
0.63792001	1	3.41043801	0.58031208	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.83274093	1	-1.6030792	0.00010533	1	0.152	0.157

1	1	8.8280825	0.32710281	1	0	0
1	1	6.57042383	0.32710281	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	6.41031691	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	1.58232391	0.17248444	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.72837802	0.98633536	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.44094057	1	0.6635623	0.32605363	1	0.01	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5866057	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.68095269	1	0.67144972	0.05302302	1	0.086	0.126
0.00085434	1	-0.6586309	0.02925626	1	0.01	0.031
0.05012925	1	4.62806907	0.32710281	1	0	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	0.58272563	0.7624953	1	0.01	0
0.5063762	1	-8.2190533	0.15105729	1	0.01	0.016
0.10536053	1	-10.427736	0.02261846	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.62623274	1	-0.3063	0.67099324	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-4.7294829	0.29853994	1	0	0
0.0288151	1	0.56528605	0.5461688	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.17006656	1	-0.2467558	0.64422964	1	0.152	0.087
0.30884832	1	0.0530656	0.97579778	1	0	0

0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.58087611	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.4659929	1	0.31968229	0.31689187	1	0.019	0.055
1	1	-0.0465426	1	1	0.01	0
0.64367666	1	2.17656804	0.19045963	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.1663912	0.31142884	1	0.01	0
0.21141637	1	-8.8070753	0.07816392	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	0.4015171	0.68368941	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.00211746	1	-0.4244835	0.14278247	1	0.305	0.244
0.42808354	1	0.32614993	0.51753149	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.27926726	1	1.40744573	0.2061586	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-2.0028317	0.98178118	1	0	0
0.47413309	1	-0.5005025	0.98178118	1	0	0
0.47413309	1	-7.9313206	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.13592071	1	-0.9278936	0.53577244	1	0.01	0.008
0.47413309	1	-7.9225568	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.69180038	1	-9.7516373	0.07816392	1	0	0.008
0.89705852	1	0.35724499	0.88775659	1	0.114	0.063
1	1	-0.0465426	1	1	0	0
0.81839625	1	-0.970405	0.16898919	1	0.038	0.079
1	1	9.18340869	0.08811101	1	0	0
0.47413309	1	0.08718559	0.58671897	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.47413309	1	1.13118388	0.98633536	1	0	0
0.33607454	1	-1.6523644	0.2142557	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
1	1	6.07845411	0.16448785	1	0	0
0.47413309	1	-7.0476366	0.31142884	1	0	0
0.47413309	1	-7.5866057	0.31142884	1	0	0
0.9357395	1	0.28861833	0.52565019	1	0.2	0.173
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.12429544	1	-0.4549877	0.12231696	1	0.095	0.055
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.1477189	0.31142884	1	0.01	0
0.64194123	1	0.33343175	0.00134972	1	0.743	0.598
0.10860926	1	0.10800226	0.5029518	1	0.086	0.055
2.48E-06	0.06856885	-0.1981893	0.24950879	1	0.257	0.236
1	1	8.22789983	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.96089352	1	0.46907536	0.18267512	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.26853303	1	0.16302618	0.26629174	1	0.543	0.535
1	1	8.26523485	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	4.64722057	0.32710281	1	0	0
0.30884832	1	-1.2903757	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.36448941	1	-0.5037279	0.24353507	1	0.19	0.15
0.47413309	1	-7.8098411	0.31142884	1	0	0
0.47413309	1	-3.2669325	0.98178118	1	0	0
0.70023339	1	0.30228311	0.63389996	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.09260205	1	-1.1588102	0.12372983	1	0.067	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	4.62806907	0.32710281	1	0	0

1	1	-0.0465426	1	1	0	0
0.02102196	1	-0.2910042	0.9245611	1	0	0
0.25942163	1	0.10509381	0.63474293	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-5.9265049	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.34792088	1	-0.5179983	0.40365133	1	0.114	0.102
0.44950238	1	0.00299187	0.96978533	1	0.105	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.20184765	0.16448785	1	0	0
0.16745907	1	9.64912782	0.04861576	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.76123035	0.32710281	1	0	0
0.57069639	1	0.24455655	0.77086482	1	0.105	0.063
1	1	-0.0465426	1	1	0.01	0
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0.45532546	1	1.04098853	0.0441919	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.74136937	0.16448785	1	0	0
0.001337	1	-0.2523816	0.98303123	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-1.2546501	0.98178118	1	0.01	0
0.24870067	1	0.34304673	0.81998361	1	0	0.047
0.16745907	1	7.63263319	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.7383472	0.32710281	1	0	0
0.1887078	1	-0.5752368	0.14969883	1	0.171	0.087
0.30884832	1	0.45126878	0.68368941	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.81623997	1	0.15028334	0.90800692	1	0.067	0.047
1	1	7.05498828	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.03030999	1	2.23525161	0.33366442	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.00388214	1	-1.0576878	0.98178118	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.20512397	1	0.06538294	0.64544939	1	0.057	0.087
0.5026554	1	-0.3100366	0.50970499	1	0.067	0.055
1	1	-0.0465426	1	1	0	0
0.18821398	1	-1.5764972	0.18075908	1	0.019	0.008
0.47413309	1	-7.998109	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.59547804	0.32710281	1	0	0
4.87E-24	1.34E-19	-0.2953734	0.02994659	1	0.4	0.394
0.1219695	1	0.03723731	0.52774304	1	0.324	0.323
0.07781322	1	-0.088297	0.83449928	1	0.029	0.087
0.21141637	1	0.26338675	0.73699075	1	0	0
1	1	-0.0465426	1	1	0	0
0.70023339	1	0.54076407	0.73006268	1	0	0.008
0.30884832	1	-1.6008854	0.9693467	1	0	0
1	1	4.64722057	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
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0.45624636	1	0.13120142	0.45005707	1	0.581	0.504
1	1	-0.0465426	1	1	0	0
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0.47413309	1	-7.492802	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	0.29723884	0.56859898	1	0	0
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0.47413309	1	0.32380238	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.90689492	1	0.10731095	0.6846316	1	0.029	0.079
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1	1	-0.0465426	1	1	0	0
1	1	4.95779975	0.32710281	1	0	0
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1	1	-0.0465426	1	1	0	0
0.21141637	1	-0.0695247	0.63132234	1	0	0
0.02730513	1	-0.6955423	0.07464271	1	0.086	0.047
1	1	-0.0465426	1	1	0	0
0.22119619	1	-0.5398043	0.18866059	1	0.124	0.031
0.47413309	1	-0.2249216	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.34370675	1	0.43500139	0.39601785	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.34994225	1	-0.2946039	0.57384733	1	0.01	0.031
0.47413309	1	-8.5843237	0.31142884	1	0	0
0.47413309	1	-7.5866057	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.7175431	0.31142884	1	0.019	0
1	1	-0.0465426	1	1	0.01	0
0.21141637	1	0.30678466	0.73930489	1	0	0
1	1	-0.0465426	1	1	0	0
0.74869428	1	-2.2146571	0.23223841	1	0.01	0.016
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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0.70446388	1	1.47415796	0.72545613	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
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1	1	9.28173469	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.63106591	1	0.04716649	0.73304979	1	0.562	0.567
0.63792001	1	-5.9265049	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.7649428	1	0.65969716	0.0820328	1	0.086	0.11
1	1	-0.0465426	1	1	0	0
0.16129036	1	-0.138841	0.8024187	1	0.181	0.205
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	9.03614084	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.6518248	0.31142884	1	0	0
1	1	8.09613027	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.15522679	0.1114215	1	0	0
0.98163398	1	-8.3540814	0.15105729	1	0.01	0.008
0.17169141	1	-0.7743594	0.36447676	1	0.038	0.063
0.16745907	1	-0.0465426	1	1	0	0.008
0.41247808	1	-1.3459705	0.62618056	1	0.01	0.024
1	1	8.17262737	0.32710281	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.3249247	0.98178118	1	0.01	0
0.47413309	1	-8.2508434	0.31142884	1	0	0
0.44159353	1	-0.5477979	0.94601652	1	0.029	0.016
0.25942163	1	-0.1269673	0.29484327	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.26867755	1	-0.0597317	0.50090176	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.0296281	0.31142884	1	0	0
0.0288151	1	-0.6117907	0.91528255	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	6.09622385	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	2.15432541	0.16584655	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.69180038	1	-0.3957443	0.96304561	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.84659391	1	-0.3898645	0.51362847	1	0.067	0.079
0.96659651	1	0.49499508	0.23992482	1	0.095	0.063

0.47413309	1	-7.8562391	0.31142884	1	0	0
0.5799063	1	-0.2999463	0.71709184	1	0	0.016
0.39666201	1	0.44483745	0.41283259	1	0.171	0.102
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.24825249	1	0.65555091	0.54557178	1	0.095	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14267864	1	-0.6480531	0.53261693	1	0.038	0.142
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.23644964	1	-0.0541142	0.58671897	1	0.01	0.016
0.3398374	1	0.77586069	0.05073257	1	0.029	0.094
0.00015435	1	-0.3264742	0.78353707	1	0.048	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.93491141	1	-0.5597475	0.55999509	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.63792001	1	0.90608688	0.98633536	1	0	0.008
0.08588732	1	-0.5465043	0.90922909	1	0.048	0.079
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.2199129	0.98178118	1	0	0
0.14820265	1	0.38307028	0.55990306	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.00055602	1	-1.0800831	0.02909297	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.2894603	0.15105729	1	0.01	0
1	1	-0.0465426	1	1	0	0
9.53E-06	0.26308574	-0.2683318	0.28182613	1	0.257	0.228
1	1	-0.0465426	1	1	0	0
1	1	7.56040886	0.32710281	1	0	0
0.44159353	1	1.00083909	0.01407674	1	0.01	0.016
0.00442332	1	-0.6245099	0.74680835	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.64165215	1	-1.4099688	0.79575884	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.0740434	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.1305771	0.98178118	1	0	0
0.79051383	1	-0.0004374	0.74394025	1	0	0.016
0.11796411	1	-0.3458499	0.75680098	1	0.229	0.252
0.41449148	1	-0.3189805	0.89281725	1	0.048	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	6.67013997	0.32710281	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.5633639	1	-0.5263601	0.85003616	1	0.01	0.016
0.39810903	1	0.4247121	0.25599526	1	0.067	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.34158419	1	-0.3955161	0.7377788	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.75197797	1	-0.6046694	0.69531856	1	0.01	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.63263319	0.32710281	1	0	0
0.97206132	1	-1.4114551	0.38862877	1	0	0.016
0.17048312	1	-0.5332916	0.74034831	1	0.029	0.079
0.47413309	1	-7.998109	0.31142884	1	0	0
0.01599417	1	1.24176606	0.02893991	1	0.048	0.071
0.47413309	1	-8.4168992	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.3214437	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.1406573	0.31142884	1	0.01	0
1	1	5.45342005	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.52114623	0.32710281	1	0	0
0.14820265	1	-0.6462606	0.39411505	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.42592056	1	-0.1166631	0.73930489	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.29407395	1	-2.4760997	0.05471686	1	0.076	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.39946552	0.08811101	1	0.01	0
1	1	-0.0465426	1	1	0.01	0
0.02647841	1	0.19028215	0.04156494	1	0.152	0.063

1	1	-0.0465426	1	1	0	0
0.64627728	1	0.76498206	0.54550284	1	0.019	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
0.13280485	1	-2.1501288	0.02679343	1	0.067	0.031
0.30884832	1	0.07244135	0.54877979	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.2548967	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.12771914	1	-0.369967	0.26801015	1	0.324	0.331
0.47413309	1	-8.5217151	0.31142884	1	0	0
0.34852635	1	0.32413143	0.3769807	1	0.048	0.142
1	1	-0.0465426	1	1	0	0
0.18457855	1	-0.1332352	0.68400722	1	0.095	0.094
0.21141637	1	-1.8864958	0.62105689	1	0.01	0
1	1	-0.0465426	1	1	0.01	0
1	1	5.42762774	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.9634604	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.96183197	1	-0.1481413	0.9502509	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.08517983	1	2.12778111	0.05642929	1	0.019	0.039
2.49E-09	6.87E-05	-0.4101655	0.03992407	1	0.114	0.118
0.00382094	1	-0.9708671	0.23283374	1	0	0.016
0.16745907	1	9.15029864	0.16448785	1	0.01	0.008
0.60438262	1	-1.4036969	0.00820648	1	0.048	0.126
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.57042383	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.70446388	1	1.88110274	0.0561371	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.22114379	1	4.11437819	0.00280792	1	0.01	0.024
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.81386145	1	-1.3496392	0.02380153	1	0.086	0.087
0.30884832	1	-0.2959094	0.68368941	1	0	0
0.57705294	1	-1.2856426	0.22501196	1	0.057	0.039
0.30884832	1	1.60170208	0.27153506	1	0	0
1	1	-0.0465426	1	1	0	0
0.54986792	1	-0.5008415	0.06113257	1	0.038	0.031
0.47413309	1	-2.7332392	0.98178118	1	0.019	0
0.61635707	1	-0.6758781	0.94080149	1	0.114	0.039
0.34577732	1	-0.6864698	0.79157916	1	0.038	0.031
0.16745907	1	8.53757751	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.3989556	0.98178118	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.17813435	0.98633536	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.67561053	0.98633536	1	0.01	0
0.00237271	1	0.05296046	0.98690881	1	0.038	0.024
0.78265522	1	-2.2181403	0.62361645	1	0	0.016
0.70023339	1	0.28105148	0.97096043	1	0	0.008
0.12510229	1	-0.8213072	0.20554533	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.45229561	0.08811101	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.58518686	0.97579778	1	0	0
0.47413309	1	-6.8411014	0.31142884	1	0	0
0.21141637	1	-8.8254271	0.07816392	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-9.8105225	0.15105729	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.63792001	1	0.14382988	0.98633536	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.01536376	1	-1.4175949	0.11029114	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	-2.2849777	0.58671897	1	0	0
1	1	-0.0465426	1	1	0	0
0.61705836	1	-0.4156289	0.78323788	1	0.048	0.024

0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.14820265	1	0.24590331	0.7728463	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.02074449	1	-0.5590528	0.60078955	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.09411013	1	-0.2271319	0.54877979	1	0.029	0.031
0.21141637	1	-1.6986641	0.30231602	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	0.60785784	0.98225045	1	0.019	0.008
1	1	6.7973066	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1.26E-06	0.03474279	-0.0142684	0.8220645	1	0.048	0.071
1	1	7.49007148	0.32710281	1	0	0
0.47413309	1	-7.3483951	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
0.10724598	1	0.37028493	0.17942974	1	0.143	0.15
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	8.19891666	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.03363037	1	-0.8676505	0.05907274	1	0.067	0.031
0.19580714	1	0.20958104	0.82205633	1	0.057	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.7775508	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.71213936	0.16448785	1	0	0
0.47413309	1	-7.4620449	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.69601219	1	0.49590518	0.50891479	1	0.019	0.008
1	1	7.20387945	0.32710281	1	0	0
0.47413309	1	2.56569263	0.06286281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.62318936	1	-0.0537211	0.37413584	1	0.01	0.024

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	10.6083027	0.00508653	1	0	0.016
0.16754593	1	2.00794936	0.25595658	1	0.067	0.039
1	1	8.45091144	0.16448785	1	0	0
0.47413309	1	-1.3500355	0.98178118	1	0	0
1	1	9.15943556	0.16448785	1	0.01	0
0.88750574	1	0.61591443	0.04200191	1	0.067	0.079
0.49910514	1	1.05366809	0.68368941	1	0.01	0.016
0.23906368	1	2.27780038	0.32963505	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.0834342	1	0.19337447	0.58671897	1	0.019	0.024
0.01455656	1	-0.0122298	0.74734188	1	0.01	0.016
0.50116019	1	-0.0923678	0.9347669	1	0.048	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63546533	1	-1.8918517	0.79157916	1	0.029	0.024
0.30884832	1	-9.766015	0.15105729	1	0	0
6.35E-07	0.01751606	-0.2513117	0.30173239	1	0.067	0.047
0.48392772	1	0.14365585	0.41062669	1	0.133	0.047
0.02228749	1	-0.2102508	0.51621568	1	0.2	0.142
0.47413309	1	-1.4835389	0.98178118	1	0	0
1	1	7.59244328	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.16745907	1	6.80645557	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.9620779	0.31142884	1	0	0
0.07039956	1	0.74044236	0.58653277	1	0.038	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.0004955	1	-0.4221316	0.37957153	1	0.01	0.008
0.07812969	1	0.70089042	0.05450562	1	0.029	0.157
0.05012925	1	-0.0465426	1	1	0	0.016
0.47413309	1	0.01039192	0.98633536	1	0	0
0.47413309	1	-7.5462737	0.31142884	1	0	0
1	1	4.62806907	0.32710281	1	0	0
0.01124277	1	-0.206287	0.23328752	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.01850079	1	0.11348058	0.44037398	1	0.038	0.016

1	1	-0.0465426	1	1	0	0
0.98163398	1	0.52978361	0.43966909	1	0.01	0.008
1	1	-0.0465426	1	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.18685635	1	-2.4634934	0.08256587	1	0.01	0.008
0.30884832	1	-9.1373301	0.15105729	1	0	0
0.14443558	1	-0.4607262	0.2360294	1	0.162	0.126
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8584865	0.31142884	1	0.01	0
0.27700816	1	0.77515691	0.29914913	1	0.048	0.047
0.97638791	1	0.37783472	0.68103189	1	0	0.008
7.52E-06	0.20765867	-0.987473	0.00517438	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.01560074	1	0.20557047	0.2491188	1	0.095	0.126
0.0589488	1	1.03008255	0.09690525	1	0.067	0.071
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.2887076	1	-0.199836	0.42220702	1	0.41	0.472
0.20308556	1	-0.4294311	0.20947193	1	0.114	0.118
1	1	7.52060469	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.13265528	1	0.82759856	0.24844147	1	0.057	0.055
0.47413309	1	1.23261437	0.33366442	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.84940937	1	-0.737178	0.19384754	1	0.038	0.039
1	1	7.60537068	0.32710281	1	0	0
0.30884832	1	-8.5059527	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.06130342	1	-1.0203092	0.70976286	1	0.029	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00687642	1	1.80001338	0.13936947	1	0.038	0.079
0.08598176	1	-0.0450775	0.80674346	1	0.124	0.291
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1.94E-06	0.05351586	-0.4906838	0.25265473	1	0.067	0.039
0.97114286	1	2.35400181	0.10133508	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.49848215	1	0.84663246	0.26898947	1	0	0.008

1	1	-0.0465426	1	1	0	0
0.92259283	1	-0.8361311	0.73942828	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.59312684	1	-0.3892732	0.72645851	1	0.01	0.039
0.47413309	1	-8.3361703	0.31142884	1	0	0
0.47413309	1	1.71027703	0.19045963	1	0.01	0
0.32157022	1	-0.0509967	0.47323038	1	0.21	0.142
0.58547061	1	-0.1928191	0.50090176	1	0.029	0.016
1	1	7.09017531	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.05092612	1	0.06637149	0.26201833	1	0.057	0.063
0.47413309	1	-7.1623989	0.31142884	1	0	0
0.02102196	1	-0.7628553	0.41214338	1	0.019	0
0.47413309	1	1.07757297	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.49753979	1	1.11057563	0.50651185	1	0.076	0.047
0.81323632	1	-1.0364371	0.19521519	1	0.038	0.039
0.01596484	1	-0.1761481	0.67497538	1	0.105	0.055
0.72243445	1	0.32970133	0.159759	1	0.219	0.213
0.49524626	1	0.05119961	0.56685464	1	0.019	0.008
0.16745907	1	7.39648698	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.21141637	1	0.0358955	0.73930489	1	0.019	0
0.69045583	1	-0.2021149	0.64724828	1	0	0.031
0.58826203	1	0.19741581	0.83056264	1	0.038	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.09998188	1	-0.45702	0.32229522	1	0.067	0.039
0.30884832	1	-0.7509988	0.54877979	1	0	0
0.05888846	1	0.06501427	0.74542695	1	0.371	0.402
0.70068292	1	-1.5635861	0.29167241	1	0.057	0.039
0.32847534	1	0.69907965	0.10548249	1	0.057	0.031
0.08946985	1	-1.4190959	0.04742367	1	0.019	0.016
0.74869428	1	-1.3646324	0.23828773	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.26867755	1	0.89657616	0.61617964	1	0.019	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.00067948	1	-0.5710368	0.04869342	1	0.143	0.126
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.480076	1	0.45933228	0.6754047	1	0	0.047
0.47413309	1	-8.5987952	0.31142884	1	0	0
2.47E-06	0.06826701	0.16482326	0.3752066	1	0.086	0.142
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.17909343	0.68368941	1	0.029	0
1	1	-0.0465426	1	1	0	0
0.78658181	1	1.57085792	0.00883317	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8717215	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.6258472	0.19292413	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.0084702	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.95549949	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.95089159	1	-0.5651774	0.54154276	1	0.019	0.031
0.51733379	1	-1.0426262	0.73300341	1	0.019	0.047
0.30884832	1	0.06855005	0.54877979	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	0.89151603	0.22441382	1	0.019	0
0.47413309	1	-8.2432561	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.50172925	1	-0.298727	0.6754711	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.3177104	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8919709	0.31142884	1	0	0
0.47413309	1	-7.3630802	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.25942163	1	-10.331573	0.01240969	1	0	0.008
0.00333518	1	-0.4007166	0.40381029	1	0.095	0.047
1	1	-0.0465426	1	1	0	0
0.35882559	1	-1.1800362	0.23706905	1	0.019	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	7.84026543	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.9795097	1	-0.0792741	0.9622058	1	0.019	0.016
0.62010994	1	0.57106331	0.27206064	1	0.019	0.024
4.69E-05	1	-0.141199	0.96556626	1	0.057	0.031
1	1	-0.0465426	1	1	0	0
0.25759727	1	0.15617306	0.73182761	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.19891666	0.32710281	1	0.01	0.008
0.69601219	1	-9.9753157	0.07816392	1	0	0.008
0.95611222	1	-1.0240473	0.05048905	1	0.086	0.079
1	1	7.20387945	0.32710281	1	0	0
1	1	7.634098	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1238738	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.48360415	1	-0.2823391	0.62418199	1	0.105	0.071
0.05012925	1	10.419169	0.00508653	1	0.038	0.016
0.26950546	1	-0.8356156	0.72118182	1	0.01	0.016
1	1	9.00200275	0.04861576	1	0	0
0.47413309	1	1.94085591	0.19045963	1	0	0
0.53993783	1	0.86484172	0.1515582	1	0.029	0.031
0.30884832	1	-0.4911093	0.68635085	1	0	0

1	1	-0.0465426	1	1	0	0
0.30884832	1	0.01807304	0.68368941	1	0.029	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.9475445	0.32710281	1	0	0
0.83539552	1	0.50519604	0.45053539	1	0.048	0.071
0.30884832	1	1.49830352	0.67308317	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.78658181	1	-0.2621678	0.97096043	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.94973339	1	-2.7270101	0.16707819	1	0	0.016
0.64367666	1	-8.0318027	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.68198241	1	-0.1999817	0.67354869	1	0.143	0.126
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.02953786	1	3.6783511	0.03604143	1	0	0.031
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.08445636	1	-0.7853758	0.98178118	1	0.01	0.024
0.09411013	1	1.87596387	0.01406201	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.98530345	1	-0.0245935	0.45617817	1	0.105	0.102
0.13689884	1	0.43817913	0.03517267	1	0.362	0.37
0.6548004	1	-0.0605839	0.93631461	1	0.048	0.047
0.97638791	1	1.04806406	0.16938386	1	0	0.008
0.81423804	1	0.14092856	0.77171814	1	0.152	0.134
1	1	-0.0465426	1	1	0	0
0.63792001	1	0.50479208	0.98633536	1	0	0.008
0.47413309	1	-8.2487318	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-0.1216122	0.63648202	1	0.019	0
0.69180038	1	-0.8233884	0.30421593	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.88322976	1	0.30791057	0.83520271	1	0.152	0.11
0.01124277	1	0.18004715	0.50500246	1	0.057	0
0.05012925	1	7.85166216	0.16448785	1	0.01	0.016

1	1	8.07124751	0.32710281	1	0	0
0.00019153	1	-0.5301558	0.14159602	1	0.162	0.071
0.45401298	1	-0.6605812	0.27528238	1	0.086	0.087
0.96150024	1	-1.6280587	0.35615414	1	0.019	0.031
0.94278014	1	-0.0064146	0.71941207	1	0.143	0.118
0.29239969	1	0.26730891	0.31502765	1	0.019	0.039
0.50657771	1	-0.0772319	0.91255776	1	0.21	0.197
0.01987063	1	0.17486619	0.4824459	1	0.505	0.457
0.13084663	1	0.04926192	0.32985513	1	0.19	0.244
1	1	-0.0465426	1	1	0	0
0.32881783	1	0.40361868	0.68675045	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
2.89E-06	0.07968244	0.1143666	0.11895043	1	0.752	0.756
0.67036419	1	0.03414075	0.98435558	1	0.305	0.22
1	1	-0.0465426	1	1	0	0
1	1	8.38142637	0.32710281	1	0	0
0.51003251	1	-1.1453672	0.9693467	1	0.01	0.016
2.81E-07	0.0077429	0.22402254	0.04163582	1	0.867	0.858
0.00406282	1	0.10796537	0.68935537	1	0.514	0.528
1	1	8.55270607	0.16448785	1	0	0
0.03403371	1	0.11775584	0.21758596	1	0.476	0.488
0.78388927	1	0.40812783	0.34421376	1	0.067	0.079
0.47413309	1	-0.8788589	0.58671897	1	0	0
0.16745907	1	8.39802581	0.16448785	1	0.01	0.008
0.17231004	1	0.34356728	0.97365352	1	0.01	0.039
0.47413309	1	-0.3859163	0.98178118	1	0	0
0.64367666	1	-3.3539305	0.98178118	1	0	0.008
0.50498751	1	-1.9790313	0.66875868	1	0.029	0.008
1	1	6.09622385	0.32710281	1	0	0
0.98163398	1	-8.614361	0.15105729	1	0	0.008
0.08983345	1	-0.5214843	0.11867271	1	0.086	0.079
0.8336268	1	0.06144584	0.65699147	1	0.257	0.213
0.08530904	1	0.47414662	0.10330981	1	0.181	0.173
0.63792001	1	2.66384605	0.58031208	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.36814949	1	-0.4873484	0.07831235	1	0.352	0.354
0.54723489	1	0.02285613	0.65901384	1	0.171	0.268
0.27734864	1	1.24044813	0.01417396	1	0.048	0.134
0.00561338	1	-0.4608003	0.14796888	1	0.048	0.047
0.10428152	1	-0.6055273	0.49230767	1	0.162	0.087
0.58042746	1	-0.4354071	0.9112365	1	0.086	0.094
0.94294071	1	-0.7142993	0.22486411	1	0.01	0.031

1	1	-0.0465426	1	1	0	0
0.802728	1	0.49543518	0.24762741	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.7769408	0.31142884	1	0.01	0
0.78363649	1	-0.4545689	0.33864553	1	0.086	0.024
0.47413309	1	-7.2471179	0.31142884	1	0.019	0
0.15316316	1	-1.1168396	0.19384754	1	0.038	0.016
0.00076868	1	0.16307061	0.320253	1	0.086	0.071
0.48482718	1	-0.1610434	0.24489282	1	0.457	0.378
0.26680846	1	0.24691792	0.48378961	1	0.01	0.008
0.5386698	1	0.40094642	0.53854057	1	0.162	0.126
1	1	-0.0465426	1	1	0	0
0.30884832	1	-10.122348	0.15105729	1	0	0
0.45998108	1	-0.6143112	0.33617112	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.7402123	0.31142884	1	0	0
0.51003251	1	-4.4482145	0.54257632	1	0	0.016
1	1	9.55270537	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.56885269	1	0.19485761	0.50254058	1	0.019	0.016
1	1	7.7449837	0.32710281	1	0	0
0.30884832	1	-8.6288905	0.15105729	1	0.01	0
0.76515714	1	0.36192766	0.22092744	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.69313835	1	-3.8926619	0.05128291	1	0.029	0.031
0.60223143	1	0.05110487	0.47483412	1	0.095	0.071
0.7618558	1	-1.4088202	0.23706905	1	0	0.016
0.47413309	1	-8.1571889	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.3549898	0.54877979	1	0.01	0
0.30884832	1	-0.3297584	0.68368941	1	0	0
0.85526375	1	-0.0286387	0.76985693	1	0.19	0.157
1	1	-0.0465426	1	1	0	0
0.23530594	1	1.45451303	0.1669885	1	0	0.047
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.32738	1	0.49736666	0.20351095	1	0.133	0.126
0.57757794	1	-0.0470243	0.992441	1	0.095	0.134
0.92244774	1	-0.3955689	0.74484866	1	0.076	0.039
0.28907833	1	0.80280783	0.58977747	1	0.038	0.039

0.64184483	1	-0.9544363	0.56240304	1	0.019	0.031
0.30884832	1	0.89691336	0.67837832	1	0	0
0.09024246	1	0.23810896	0.81995486	1	0.038	0.031
0.96461538	1	2.42999087	0.07208109	1	0.019	0.016
0.64367666	1	1.02570827	0.98633536	1	0.019	0.008
0.51003251	1	-0.5383712	0.54877979	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.26494833	1	-0.5540689	0.94650168	1	0.01	0.008
0.76636873	1	-1.293838	0.55914538	1	0.029	0.047
0.19932351	1	-1.3673719	0.02449103	1	0.086	0.11
0.39428887	1	0.48288892	0.32750772	1	0.057	0.055
0.08653109	1	1.01174696	0.19168897	1	0.019	0.024
0.77481873	1	0.30936743	0.97096043	1	0	0.016
0.89502488	1	-2.0714481	0.08352889	1	0.01	0.031
0.63792001	1	-7.3662631	0.31142884	1	0	0.008
0.23385587	1	2.24696275	0.58351143	1	0	0.016
0.77481873	1	0.82738316	0.98151785	1	0.038	0.016
0.5799063	1	-0.1811976	0.49040858	1	0.048	0.016
0.30884832	1	-8.6349426	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.66551067	0.32710281	1	0	0
1	1	8.05227599	0.32710281	1	0	0
1	1	7.95549949	0.32710281	1	0	0
0.77481873	1	1.28170796	0.14416712	1	0.01	0.016
0.0755948	1	-0.6140831	0.71892819	1	0.029	0
0.24179865	1	0.27401071	0.60947476	1	0.057	0.024
0.64849824	1	1.70193316	0.01498659	1	0.095	0.031
1.49E-05	0.4114182	0.29979991	0.23989569	1	0.743	0.709
0.37984018	1	0.2262858	0.89974548	1	0.343	0.236
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.7559017	0.31142884	1	0	0
0.45303601	1	0.61883145	0.18584264	1	0.01	0.016
0.51003251	1	-0.6491187	0.97257202	1	0	0.016
0.55378599	1	0.10097394	0.83575613	1	0.686	0.701
0.20793842	1	0.21547301	0.29435013	1	0.286	0.378
0.87036121	1	-1.8467339	0.08377092	1	0.01	0.031
0.7774574	1	-0.1194345	0.74320089	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.50146607	1	-0.7622588	0.71831049	1	0.01	0.047
0.44388482	1	-0.3257209	0.35958187	1	0	0.039
1	1	7.79264971	0.32710281	1	0	0
0.69601219	1	0.10445321	0.7416214	1	0.029	0.008

0.33425077	1	0.43389648	0.67399158	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00542594	1	9.99531156	0.08811101	1	0.019	0.031
0.64367666	1	0.67588122	0.58671897	1	0.019	0.008
0.1562015	1	-0.4212228	0.95994017	1	0.181	0.15
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.0755948	1	0.04861702	0.83056264	1	0.01	0
0.14414494	1	0.49368629	0.31405515	1	0	0.008
0.64367666	1	-0.7957707	0.58671897	1	0	0.008
0.62264357	1	0.34016238	0.09924012	1	0.143	0.087
0.12048938	1	-0.1607407	0.88357985	1	0.038	0.094
0.00067137	1	-0.0902418	0.75999748	1	0.038	0.063
0.43706329	1	-0.9026692	0.51581139	1	0.01	0.016
0.92861382	1	-0.1789872	0.28993475	1	0.114	0.15
0.17258293	1	-0.4108421	0.1256649	1	0.448	0.472
0.95322461	1	-0.799939	0.33220726	1	0.057	0.055
4.09E-05	1	-0.1184416	0.38817613	1	0.019	0.039
0.01447849	1	0.1193695	0.58163791	1	0.076	0.079
8.94E-09	0.00024663	-0.4482325	0.0350206	1	0.114	0.126
0.05454135	1	0.28408568	0.3766706	1	0.038	0.063
8.47E-05	1	0.10720604	0.48075804	1	0.114	0.079
1.75E-06	0.04832038	-0.6071374	0.07044552	1	0.114	0.094
0.06675066	1	-0.2631401	0.91415438	1	0.029	0.071
0.22502458	1	0.36711724	0.27691919	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.0002276	1	-0.3225809	0.196499	1	0.19	0.134
0.78543925	1	0.96025433	0.12321897	1	0.076	0.031
0.00890133	1	0.6904453	0.36611399	1	0.095	0.008
7.75E-05	1	0.2196501	0.32945655	1	0.095	0.102
0.66413165	1	0.1300605	0.28567321	1	0.01	0.031
0.02494974	1	0.19398814	0.41211485	1	0.162	0.157
1.21E-15	3.34E-11	-0.5977265	0.00016083	1	0.286	0.22
0.43158422	1	1.44685274	0.0107306	1	0.048	0.039
0.30884832	1	-8.6383228	0.15105729	1	0	0
0.10678959	1	0.10895744	0.79223332	1	0.019	0.024
0.98163398	1	0.05409845	0.97579778	1	0.019	0.008
0.61336601	1	0.24234318	0.78150965	1	0.019	0.047
0.69851492	1	0.72522772	0.12205264	1	0.029	0.031
0.21141637	1	0.8417669	0.33937369	1	0.01	0
0.62318936	1	-1.0110161	0.36089515	1	0.029	0.024

1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.6104449	0.31142884	1	0	0.008
0.01725946	1	0.23260283	0.32269202	1	0.219	0.331
0.50829476	1	-0.0519153	0.97055275	1	0.086	0.079
0.36297389	1	-0.4664717	0.38872497	1	0.181	0.173
0.16824538	1	-0.018024	0.45491687	1	0.314	0.283
0.05170184	1	-0.2434338	0.07497803	1	0.4	0.323
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.7983938	1	-1.2654183	0.9604081	1	0	0.016
0.76961989	1	-0.6031634	0.98391306	1	0.038	0.055
1	1	9.60831986	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.77248141	1	-0.9682969	0.71459587	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.52759386	1	-0.1775069	0.81642267	1	0	0.031
1.29E-06	0.03553297	0.0671493	0.64278259	1	0.124	0.15
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	9.03594058	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.04467636	1	0.00041211	0.43721585	1	0.086	0.157
0.51946615	1	1.91632062	0.0116111	1	0.048	0.024
0.03361714	1	-0.1913133	0.34718602	1	0.143	0.134
0.48761694	1	0.54335498	0.2462516	1	0.029	0.024
0.01627291	1	-0.0189837	0.855963	1	0.038	0.063
0.47413309	1	-7.776991	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.00424031	1	0.16966324	0.99065235	1	0.019	0.016
0.00192623	1	0.03943475	0.66135018	1	0.39	0.504
0.97114286	1	0.29016582	0.54877979	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.31247003	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.76952858	1	-0.1624153	0.5066879	1	0.248	0.213
0.18459627	1	-0.0773325	0.78259517	1	0.038	0.039
0.92095941	1	0.64636288	0.09223878	1	0.124	0.11

0.01574443	1	-0.7130821	0.13296582	1	0.029	0.024
0.34164412	1	-0.0909751	0.68220943	1	0.029	0.031
0.25973561	1	-0.7352536	0.11399463	1	0.162	0.118
0.40430544	1	-0.029522	0.93551727	1	0.029	0.079
0.52011482	1	0.24242834	0.60694617	1	0	0.031
0.30884832	1	-9.6807044	0.15105729	1	0.01	0
0.47161402	1	0.23345929	0.54090916	1	0.01	0.039
0.01718529	1	-0.2709748	0.36749968	1	0.057	0.031
0.47413309	1	0.65372718	0.58351143	1	0	0
0.01746519	1	-0.3863606	0.41799194	1	0.333	0.417
1	1	-0.0465426	1	1	0	0
0.43749032	1	1.08834596	0.00141994	1	0.114	0.173
1	1	-0.0465426	1	1	0	0
0.23385587	1	3.06636818	0.10847752	1	0	0.016
0.00890966	1	-0.6164404	0.04879569	1	0.086	0.071
0.77560668	1	-0.4559244	0.39757073	1	0.019	0.031
0.14354281	1	-0.2451625	0.65327511	1	0.01	0.094
0.30884832	1	-8.6720197	0.15105729	1	0	0
0.21141637	1	-1.5905428	0.30231602	1	0.019	0
0.69180038	1	-0.5497678	0.63132234	1	0	0.008
0.47413309	1	-8.1239275	0.31142884	1	0	0
0.03385916	1	-0.0367806	0.58809163	1	0.219	0.181
0.14820265	1	-10.317397	0.04168349	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
0.47413309	1	-8.7593625	0.31142884	1	0	0
0.20526318	1	-1.750774	0.01713332	1	0.029	0.016
0.00043504	1	-0.1140359	0.56103582	1	0.733	0.787
0.86142725	1	-0.5383394	0.03444616	1	0.267	0.276
0.19233053	1	-1.6345094	0.49623681	1	0.01	0.008
0.92244774	1	-1.2229017	0.73462022	1	0.038	0.039
0.00253342	1	-0.0040147	0.32084235	1	0.229	0.283
0.16745907	1	9.24216759	0.08811101	1	0.01	0.008
0.14815714	1	0.31224893	0.5090231	1	0.019	0.024
0.94658432	1	1.3656645	0.03634353	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.11881387	1	0.04286085	0.29466781	1	0.295	0.315
0.04277015	1	-0.3258445	0.13938843	1	0.143	0.087
1	1	-0.0465426	1	1	0	0
0.11004779	1	-0.9407273	0.18047583	1	0.029	0.047
0.0002297	1	-0.6408957	0.18234174	1	0.076	0.087
0.16745907	1	8.66522326	0.16448785	1	0	0.008

0.89794643	1	0.56427768	0.09627955	1	0.01	0.039
0.43158422	1	1.00788773	0.05610493	1	0.067	0.039
0.09087012	1	-0.2085363	0.69985844	1	0.105	0.079
0.6323814	1	0.12927787	0.68220943	1	0.019	0.024
0.25942163	1	-1.3545171	0.4782587	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.72945436	1	0.01790698	0.99314733	1	0.314	0.205
0.01920439	1	-0.6314757	0.40641268	1	0.038	0.024
0.47413309	1	0.75318443	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.02074449	1	-0.461774	0.48081668	1	0.019	0.008
0.0287767	1	-1.2306227	0.32094679	1	0.01	0.008
0.70023339	1	0.16490918	0.51260639	1	0.019	0.008
0.23385587	1	-7.9008796	0.31142884	1	0.01	0.016
0.19848593	1	0.0393956	0.70385198	1	0.181	0.079
0.05012925	1	-0.0465426	1	1	0.01	0.016
2.01E-05	0.55490949	-0.4357015	0.05631718	1	0.143	0.102
0.05146229	1	-0.0017392	0.70125526	1	0.029	0.039
0.33127137	1	-0.2444886	0.39961733	1	0.124	0.173
0.81572146	1	-1.0312333	0.17541772	1	0.067	0.055
0.97114286	1	-0.9000665	0.97257202	1	0	0.008
1	1	8.40232557	0.32710281	1	0.019	0
0.91097047	1	-0.0431965	0.59427783	1	0.057	0.071
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.6976898	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
0.50498751	1	-3.1271502	0.38318926	1	0.019	0.008
0.8873312	1	-0.1419195	0.5543293	1	0.086	0.118
0.27685953	1	0.065205	0.85581283	1	0.343	0.291
0.86292711	1	-0.986109	0.04425486	1	0.105	0.071
0.64367666	1	1.75671429	0.10994172	1	0.01	0.008
0.59555552	1	-0.2573554	0.8061396	1	0.229	0.11
0.00874366	1	0.10693954	0.24185936	1	0.8	0.732
0.96563443	1	-0.6256203	0.01633214	1	0.4	0.378
0.00218237	1	0.25929232	0.24900859	1	0.067	0.118
1	1	8.17262737	0.32710281	1	0	0
3.45E-11	9.53E-07	-0.5030361	0.00234937	1	0.41	0.402
3.74E-08	0.00103286	-0.4908442	0.02439734	1	0.276	0.276
3.08E-05	0.84948118	-0.0806347	0.52841268	1	0.267	0.449
0.19390159	1	0.44327227	0.21994718	1	0.01	0.047
0.96488335	1	1.86227455	0.00247714	1	0.029	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
0.61584182	1	-0.531089	0.54589076	1	0.019	0.024

0.24290772	1	0.63546035	0.14256566	1	0.01	0.039
0.03529648	1	1.09081599	0.02709545	1	0	0.024
0.68428811	1	1.04899655	0.00201475	1	0.038	0.071
0.15034816	1	0.90516049	0.06126516	1	0.029	0.079
0.0035592	1	0.99923226	1.52E-09	4.20E-05	0.276	0.378
0.08597354	1	0.86770924	7.10E-06	0.19583066	0.133	0.228
0.97654103	1	0.96435595	0.00430452	1	0.029	0.126
0.03823482	1	0.00225723	0.21184083	1	0.171	0.173
0.69601219	1	-0.1987022	0.63132234	1	0.01	0.008
0.03940218	1	0.19480246	0.21052024	1	0.724	0.693
0.00051771	1	0.33798301	0.0851889	1	0.486	0.504
0.40446259	1	-0.2471419	0.81249294	1	0.143	0.094
0.98504423	1	-0.1501961	0.74638036	1	0.143	0.11
0.00100308	1	0.0844915	0.36859398	1	0.705	0.622
0.90528769	1	-0.9352035	0.5486023	1	0.01	0.039
0.58042746	1	0.89064588	0.0046841	1	0.019	0.094
0.70450431	1	0.23722222	0.83618357	1	0.076	0.063
0.4211069	1	0.0984188	0.68213225	1	0.076	0.126
0.64586061	1	-0.0573936	0.63494669	1	0.2	0.142
0.47517877	1	0.31280493	0.26311697	1	0.01	0.024
0.15999796	1	-0.4734128	0.32626652	1	0.057	0.063
0.30884832	1	2.1010078	0.42800583	1	0.01	0
0.0007776	1	-0.270711	0.51253014	1	0.057	0.079
0.98163398	1	-8.4630078	0.15105729	1	0.019	0.008
0.30884832	1	-8.6285843	0.15105729	1	0	0
0.70023339	1	-1.1892791	0.95777103	1	0.01	0.008
0.30884832	1	-8.7443452	0.15105729	1	0.01	0
0.98163398	1	0.85130579	0.43576121	1	0.01	0.008
0.08548864	1	1.3084984	0.1114215	1	0	0.024
0.47413309	1	-0.8345156	0.33569097	1	0	0
0.30884832	1	-1.0033303	0.54567368	1	0	0
0.79051383	1	1.30354831	0.14215385	1	0.01	0.016
0.12360268	1	0.02136202	0.97208561	1	0.076	0.094
1	1	-0.0465426	1	1	0	0
0.90528769	1	-0.1684807	0.56726912	1	0.048	0.039
0.19020402	1	0.00149717	0.59681366	1	0.01	0.016
0.0494746	1	0.14501778	0.26696955	1	0.352	0.354
1.93E-05	0.53297509	-0.1880642	0.13762615	1	0.381	0.346
0.20981622	1	0.32520199	0.11651688	1	0.133	0.071
0.16402842	1	-0.0265706	0.29836898	1	0.495	0.441
0.09567277	1	-0.0510546	0.41441491	1	0.4	0.354
0.37850023	1	0.38813311	0.10282096	1	0.267	0.228
0.36797136	1	0.57991846	0.1318215	1	0.048	0.087

0.43676933	1	-0.2144225	0.20999148	1	0.524	0.457
0.32602787	1	-0.4018404	0.54879901	1	0.048	0.055
0.44586041	1	-0.1800518	0.8339954	1	0.038	0.087
0.62810871	1	0.21282799	0.85252664	1	0.019	0.024
0.2679394	1	0.10907108	0.4703208	1	0.048	0.094
0.00676703	1	0.36954889	0.42648559	1	0.2	0.228
0.64367666	1	-0.4327269	0.58671897	1	0	0.008
0.24756372	1	-0.6326577	0.75115558	1	0.01	0.016
0.29726861	1	0.0402665	0.82213786	1	0.543	0.559
0.98052481	1	-0.7603515	0.60842881	1	0.067	0.063
0.74027481	1	-0.451876	0.94206173	1	0.057	0.039
0.93350032	1	-0.087508	0.83888341	1	0.371	0.228
0.25910165	1	0.29059984	0.4520278	1	0.371	0.323
0.73432252	1	-0.1419009	0.50920876	1	0.495	0.433
0.35638517	1	-0.446034	0.8107037	1	0	0.008
0.57030972	1	-0.4410998	0.75063869	1	0.171	0.126
1	1	-0.0465426	1	1	0	0
0.5005583	1	-0.3455966	0.85835153	1	0.41	0.331
0.11606153	1	-0.3979857	0.32936268	1	0.029	0.016
0.05918941	1	0.10078191	0.96049524	1	0.629	0.551
0.5745084	1	-0.0346029	0.53799485	1	0.105	0.126
0.17231004	1	-0.716401	0.95305312	1	0.019	0.039
0.64374218	1	-0.6893922	0.02986045	1	0.2	0.142
0.01999398	1	0.00622928	0.23770455	1	0.676	0.614
0.23813799	1	0.33039019	0.1594559	1	0.276	0.268
0.21141637	1	-1.1606667	0.75091068	1	0.019	0
1	1	9.07290892	0.08811101	1	0	0
0.65294953	1	-1.2073086	0.16877526	1	0.019	0.031
0.77320779	1	-0.0351772	0.87861583	1	0.076	0.11
0.0359092	1	0.48284758	0.73699075	1	0.019	0.047
0.64390668	1	0.53765096	0.25096388	1	0.076	0.063
0.8344897	1	0.20181458	0.49808845	1	0.057	0.094
0.03065643	1	-0.2633123	0.05407064	1	0.581	0.646
1	1	7.73992453	0.32710281	1	0	0
0.98163398	1	-1.3221744	0.9693467	1	0.01	0.008
0.41782464	1	1.38779802	0.33392162	1	0.038	0.024
0.49910514	1	-4.1896371	0.54257632	1	0.01	0.016
0.01408221	1	0.10981489	0.10409177	1	0.41	0.402
0.16745907	1	-0.0465426	1	1	0	0.008
0.96106268	1	-0.0970405	0.62926766	1	0.21	0.173
0.80795267	1	-0.4245799	0.93018146	1	0.067	0.047
0.47413309	1	-6.6300567	0.31142884	1	0	0
0.02095509	1	1.0138044	0.01463755	1	0.124	0.181

0.64367666	1	1.12927163	0.58351143	1	0.01	0.008
0.03327913	1	0.3467732	0.43753014	1	0.381	0.394
0.70446388	1	-1.7642759	0.30042403	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.19398794	1	0.28085497	0.07428915	1	0.305	0.22
0.92130019	1	-1.4178177	0.0018553	1	0.143	0.165
0.01577813	1	0.01043347	0.68018835	1	0.524	0.465
0.10371085	1	0.17941693	0.22758749	1	0.295	0.299
0.50050625	1	-0.5354141	0.45766919	1	0.162	0.228
0.22300374	1	-0.5633117	0.84463144	1	0.124	0.126
0.6818146	1	0.278219	0.33427429	1	0.152	0.142
0.87174561	1	0.11789117	0.30348522	1	0.257	0.236
0.05724019	1	-0.2103518	0.2040649	1	0.467	0.409
0.34343351	1	0.65437922	0.67257962	1	0.038	0.016
0.08835353	1	-0.3815956	0.74814039	1	0.067	0.079
0.64367666	1	-3.9022653	0.98178118	1	0.019	0.008
0.62316808	1	0.11630535	0.77492143	1	0.01	0.024
0.11303356	1	-0.0140108	0.80532204	1	0.029	0.102
0.30884832	1	-9.252612	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.05973619	1	-0.2313025	0.85921328	1	0.057	0.047
0.89402989	1	0.12962848	0.6421197	1	0.219	0.102
1	1	-0.0465426	1	1	0	0
0.37346749	1	-0.3931979	0.50855207	1	0.162	0.118
0.68284369	1	-0.0046573	0.3745785	1	0.543	0.48
0.00568545	1	0.0237558	0.92924787	1	0.533	0.496
0.88159921	1	-0.0093644	0.79634879	1	0.219	0.283
0.82675896	1	-0.517414	0.43918	1	0.029	0.039
0.5420689	1	0.46602427	0.57093372	1	0.038	0.055
0.0112157	1	-0.6599184	0.27880432	1	0.019	0.008
0.69181039	1	0.55896864	0.01776346	1	0.067	0.15
0.70822438	1	0.01730163	0.67879792	1	0.238	0.165
0.16745907	1	-0.0465426	1	1	0	0.008
0.17286012	1	-0.0691581	0.86002356	1	0.467	0.417
0.00942191	1	0.10984531	0.32496472	1	0.562	0.567
0.49255524	1	-0.047594	0.5431286	1	0.095	0.071
0.97429088	1	-0.0704868	0.61823107	1	0.219	0.205
0.44159353	1	-0.3896214	0.73326695	1	0.029	0.016
0.77873416	1	-0.066721	0.6287492	1	0.01	0.016
0.16745907	1	7.9322038	0.32710281	1	0	0.008
0.14820265	1	-1.2045832	0.39045234	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.49524626	1	-0.3363912	0.95991711	1	0	0.008
0.47413309	1	-1.5138143	0.58671897	1	0	0
0.03161486	1	0.70332117	0.12559179	1	0.248	0.283
0.54389615	1	-0.8604263	0.012206	1	0.133	0.134
0.22007724	1	0.10102322	0.45673261	1	0.19	0.189
0.78923091	1	0.60540294	0.64947022	1	0.038	0.024
1	1	-0.0465426	1	1	0	0
0.38791684	1	0.06856078	0.62059931	1	0.152	0.15
0.00879165	1	0.06460865	0.8386488	1	0.124	0.047
0.05758713	1	0.28231678	0.50657006	1	0.2	0.173
1	1	8.9228443	0.32710281	1	0.01	0
0.94874689	1	-0.2207079	0.89923364	1	0.086	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.46020427	1	0.28388663	0.03501868	1	0.714	0.591
0.34573874	1	-0.2404813	0.6829986	1	0.143	0.11
0.91585196	1	-0.6334197	0.24984183	1	0.152	0.15
0.01826806	1	-0.2961108	0.22422482	1	0.229	0.228
0.00162073	1	-0.2465143	0.74745575	1	0.067	0.079
0.47413309	1	-7.8562391	0.31142884	1	0	0
0.5661051	1	0.58494922	0.17981389	1	0.019	0.016
0.27919556	1	0.15353091	0.53492775	1	0.124	0.157
0.82892795	1	-0.1895418	0.3210451	1	0.39	0.354
0.06172259	1	1.25896607	0.00610098	1	0.038	0.071
1	1	-0.0465426	1	1	0	0
0.8758272	1	-0.3178488	0.85416433	1	0.086	0.087
0.00036809	1	0.20257096	0.16685576	1	0.495	0.575
0.06140961	1	-0.174698	0.87161692	1	0.019	0.024
0.90510711	1	0.26109533	0.61843281	1	0.105	0.047
0.26867755	1	-1.0802241	0.4846705	1	0	0.008
0.06172259	1	-0.0166947	0.79686694	1	0.019	0.016
2.38E-06	0.06561554	0.17991271	0.01376514	1	1	0.992
0.40409242	1	0.32838988	0.22900732	1	0.21	0.22
0.0063451	1	0.28615042	0.49862817	1	0.181	0.307
0.01764559	1	0.52877581	0.1577148	1	0.152	0.205
0.25759727	1	-0.4741924	0.29421883	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.44454106	1	-1.1483533	0.07005821	1	0.086	0.079
0.14449642	1	-0.036463	0.90132058	1	0.895	0.835
1	1	-0.0465426	1	1	0	0
0.571491	1	-0.1225572	0.61351272	1	0.419	0.409
0.33138174	1	-0.2790889	0.41938427	1	0.248	0.252
0.92971866	1	0.06751977	0.57210296	1	0.029	0.039

1	1	-0.0465426	1	1	0	0
0.63792001	1	1.29426394	0.58351143	1	0	0.008
0.84725861	1	0.30386806	0.44204587	1	0.029	0.024
0.49169171	1	-0.4791313	0.18817587	1	0.162	0.142
0.00126737	1	0.84545454	0.03423319	1	0.105	0.181
0.31443515	1	0.76576926	0.12016727	1	0.057	0.024
0.03611821	1	-0.2722915	0.15544869	1	0.114	0.102
0.55448397	1	0.9369842	0.00123521	1	0.067	0.134
0.14820265	1	2.37897433	0.04581095	1	0.057	0
0.99026998	1	0.12261726	0.62780649	1	0.19	0.15
0.51003251	1	1.02181589	0.02373418	1	0.01	0.016
0.21127605	1	0.24299457	0.9167323	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.56465582	1	0.48323795	0.01061227	1	0.257	0.307
0.05458447	1	-0.3076102	0.94601652	1	0.029	0
0.0755948	1	-0.703425	0.29734902	1	0.01	0
0.14309652	1	-0.4913495	0.3680805	1	0.019	0.008
0.81730677	1	0.39152467	0.33894853	1	0.219	0.181
0.78658181	1	1.03570745	0.50523717	1	0.01	0.016
0.26494833	1	-0.6087568	0.71709184	1	0.019	0.008
0.22159623	1	0.28068947	0.20719831	1	0.029	0.055
0.07446992	1	0.78306638	0.22081369	1	0.086	0.047
0.71143986	1	-0.5602854	0.37170635	1	0.029	0.039
0.54697237	1	-0.2243915	0.85921569	1	0.457	0.276
0.07884629	1	0.54080895	0.15622334	1	0.171	0.173
0.05458447	1	0.81309814	0.64358841	1	0.019	0
0.63081966	1	-0.4788296	0.91872135	1	0.029	0.031
0.4211069	1	0.69302942	0.25003455	1	0.038	0.126
0.09138946	1	1.38753816	0.27287433	1	0	0.031
0.31960888	1	0.13200531	0.6182062	1	0.229	0.276
0.81389011	1	0.13946632	0.07020673	1	0.038	0.102
0.96089352	1	1.34232529	0.01972124	1	0.01	0.016
0.03529648	1	0.42360191	0.39777468	1	0.067	0.024
0.20790585	1	-0.2299555	0.77933082	1	0.143	0.134
0.07385074	1	0.1645047	0.4624112	1	0.429	0.465
0.04120147	1	0.14450094	0.70010459	1	0.019	0.047
0.02980813	1	0.47364397	0.19902695	1	0.295	0.339
0.98965171	1	0.3028948	0.22623422	1	0.314	0.268
0.43380232	1	-0.3846499	0.42554768	1	0.038	0.055
0.5420689	1	-0.1379062	0.89923364	1	0.057	0.055
1	1	-0.0465426	1	1	0	0
0.10733752	1	0.05836021	0.98441732	1	0.448	0.512

0.47413309	1	-7.7380697	0.31142884	1	0	0
0.16745907	1	8.44712706	0.16448785	1	0.01	0.008
0.00034508	1	-0.0381189	0.95046945	1	0.067	0.11
1	1	8.78932772	0.16448785	1	0	0
0.00190069	1	-0.2431114	0.62491418	1	0.067	0.079
0.64367666	1	2.29878526	0.18923611	1	0.01	0.008
0.30268934	1	-1.0526659	0.11399067	1	0.019	0.024
0.03637352	1	0.12746591	0.96801841	1	0.152	0.205
0.47310231	1	0.00976195	0.78010896	1	0.505	0.362
0.51211021	1	0.04845327	0.42629349	1	0.381	0.354
0.64367666	1	-7.6072073	0.31142884	1	0.01	0.008
0.71507801	1	0.10411882	0.45096092	1	0.371	0.252
0.14309652	1	0.59378307	0.75858718	1	0.01	0.008
0.01205875	1	0.17589704	0.90524764	1	0.019	0.039
0.00074264	1	-0.3834995	0.08634954	1	0.152	0.126
0.3845413	1	-2.0172864	0.08823883	1	0.01	0.024
0.50273372	1	-1.8587409	0.54257632	1	0	0.016
0.74940524	1	-0.1031764	0.81538643	1	0.362	0.315
0.77873416	1	-0.2672664	0.63648202	1	0.01	0.016
0.16565336	1	-0.035319	0.62089279	1	0.2	0.126
0.02390299	1	0.04084166	0.31309235	1	0.048	0.031
0.38805298	1	1.50143841	0.06502628	1	0	0.024
0.72324307	1	0.1612657	0.42555215	1	0.048	0.063
0.3681675	1	-0.3700379	0.32532878	1	0.105	0.11
0.01014565	1	0.18154736	0.55331079	1	0.495	0.559
0.0005946	1	0.24050749	0.11359031	1	0.857	0.756
0.44135389	1	-0.7995972	0.07679556	1	0.248	0.244
0.47413309	1	0.50154777	0.33366442	1	0.019	0
0.08177834	1	0.68019696	0.00468529	1	0.21	0.189
0.50936757	1	0.44119433	0.22919476	1	0.057	0.047
0.13517704	1	0.94874489	0.02467595	1	0.171	0.134
0.88404926	1	-2.1726728	0.31798506	1	0.019	0.031
0.20519057	1	-0.0899734	0.93298695	1	0.048	0.079
0.00769075	1	0.38257726	0.21981808	1	0.133	0.197
0.68802422	1	0.60421649	0.11915513	1	0.124	0.102
0.77481873	1	0.78348287	0.97359938	1	0.019	0.016
0.74264236	1	0.31187912	0.05565839	1	0.324	0.205
0.73569726	1	0.19357547	0.84133774	1	0.048	0.079
0.29332752	1	0.11025631	0.26049497	1	0.143	0.071
0.0370901	1	0.10145598	0.50859351	1	0.162	0.228
0.28432692	1	-0.2189787	0.64433419	1	0.381	0.354
0.46066805	1	-0.108621	0.922801	1	0.029	0.031
0.4989218	1	-0.1374415	0.84944002	1	0.067	0.079

0.93610593	1	-0.4030468	0.88358861	1	0.048	0.063
0.21230329	1	-0.22573	0.83510018	1	0.076	0.087
0.00168292	1	-0.1276713	0.92109718	1	0.076	0.071
0.03864598	1	-0.4860096	0.89358489	1	0.057	0.055
0.00616684	1	-0.5864323	0.2648974	1	0.048	0.016
0.00398672	1	-0.9011699	0.20019278	1	0.048	0.024
0.50498751	1	0.05364481	0.67771436	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.00315289	1	0.00879769	0.43908389	1	0.571	0.614
0.53599107	1	-0.852293	0.57369111	1	0.048	0.031
0.79247262	1	-0.4950408	0.45331603	1	0.067	0.055
0.92277337	1	-0.0812277	0.86959619	1	0.381	0.276
0.5063762	1	-1.894849	0.9693467	1	0	0.016
0.63792001	1	-0.0988876	0.98178118	1	0	0.008
0.50287876	1	0.64834998	0.58815409	1	0.057	0.031
0.70390665	1	0.96161899	0.17179081	1	0.057	0.031
0.08033026	1	-0.0688914	0.93696206	1	0.143	0.197
0.61097502	1	0.6600971	0.56337368	1	0.038	0.024
0.64367666	1	-1.4533618	0.98178118	1	0	0.008
0.25759727	1	0.51484449	0.62852883	1	0	0.008
1	1	9.03555102	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.30884832	1	-0.1113622	0.97579778	1	0	0
0.02992178	1	-7.5929951	0.31142884	1	0.019	0.031
0.19852148	1	-2.7736154	0.62105689	1	0	0.031
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1623989	0.31142884	1	0	0
0.47413309	1	-7.6697317	0.31142884	1	0	0
0.00030304	1	0.21999814	0.35202696	1	0.581	0.575
0.04648216	1	-0.4279526	0.48761066	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.33690784	1	1.03015284	0.02095333	1	0.076	0.031
1	1	-0.0465426	1	1	0	0
0.87583201	1	0.448234	0.38304551	1	0.01	0.031
0.01613151	1	-0.4619691	0.53056362	1	0.038	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.7983938	1	-1.614803	0.62105689	1	0	0.016
1	1	8.33133533	0.16448785	1	0.019	0
0.04597597	1	-0.8735716	0.02706309	1	0.219	0.094

0.34825838	1	-0.3945153	0.54234044	1	0.124	0.079
0.12008419	1	0.01901199	0.68181124	1	0.124	0.181
0.78658181	1	-0.5179463	0.5163119	1	0	0.016
0.09484984	1	0.35913559	0.05433096	1	0.105	0.079
0.96089352	1	-2.4341672	0.38318926	1	0.038	0.016
0.36217898	1	0.22886455	0.47227022	1	0.067	0.063
0.78591362	1	-0.1131575	0.94111694	1	0.305	0.22
0.21406409	1	-0.0797692	0.79036758	1	0.2	0.299
0.97098762	1	0.16404626	0.63942048	1	0.019	0.024
0.68406115	1	-0.185836	0.75493015	1	0.01	0.039
0.00592648	1	-0.1227161	0.56077195	1	0.076	0.047
1	1	-0.0465426	1	1	0	0
0.59403134	1	-0.3190027	0.55592856	1	0.038	0.024
0.06131972	1	-0.0814128	0.46073959	1	0.01	0.016
0.96488335	1	0.65082297	0.61771746	1	0	0.024
0.0278091	1	0.41003769	0.57955628	1	0.152	0.197
0.04407624	1	-0.0973439	0.96669293	1	0.057	0.039
1	1	7.67936043	0.32710281	1	0	0
0.22835785	1	0.44729245	0.49902016	1	0.038	0.047
0.04470382	1	-0.2422077	0.35922394	1	0.076	0.031
0.79642486	1	-1.6570053	0.0377773	1	0.067	0.055
0.24090217	1	-1.0334523	0.20054147	1	0.038	0.039
0.81255199	1	-0.303928	0.88963478	1	0.105	0.063
0.37951282	1	0.04974517	0.91401473	1	0.086	0.047
1	1	-0.0465426	1	1	0	0
0.3826124	1	-0.6820327	0.09890526	1	0.124	0.118
0.0140639	1	-0.2973441	0.45412128	1	0.267	0.173
0.47413309	1	1.58800142	0.33366442	1	0	0
0.10536053	1	-9.6902964	0.02261846	1	0.01	0
0.03174499	1	-0.3985394	0.93433822	1	0.124	0.181
0.30884832	1	0.22949006	0.27963836	1	0.01	0
0.04960055	1	-0.3181153	0.5729144	1	0.086	0.071
1	1	-0.0465426	1	1	0	0
0.67800437	1	0.53128553	0.21391964	1	0.067	0.055
0.28742722	1	0.41757747	0.59792521	1	0	0.039
0.47413309	1	-8.4168992	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.21205773	1	-0.1010228	0.94407798	1	0.171	0.165
0.35223141	1	-0.1017857	0.37321925	1	0.248	0.189
0.79396881	1	-0.0305627	0.51499988	1	0.171	0.213
0.52381045	1	-0.1229455	0.84076521	1	0.2	0.205
0.84749344	1	0.66428292	0.40925581	1	0.038	0.047
1.55E-05	0.42641168	-0.3378736	0.43596217	1	0.133	0.087

1	1	-0.0465426	1	1	0	0
0.12225607	1	-0.7993886	0.11732136	1	0.076	0.055
0.06080555	1	0.14229545	0.84006287	1	0.029	0.031
0.13758842	1	-0.446392	0.87137672	1	0.124	0.126
0.04752356	1	-0.6362398	0.25503667	1	0.048	0.031
0.12261365	1	-1.0579304	0.19133342	1	0.048	0.031
0.35095918	1	0.21137644	0.17408295	1	0.39	0.378
0.86568409	1	0.3537129	0.28902195	1	0.152	0.213
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.168572	0.54567368	1	0	0
0.94353696	1	0.2794293	0.35743863	1	0	0.024
0.54930472	1	-0.1581531	0.91085951	1	0.038	0.039
0.49848215	1	-1.8556983	0.3868104	1	0	0.008
0.96089352	1	0.20452253	0.40150959	1	0	0.016
0.09702039	1	0.20099257	0.27572847	1	0.333	0.307
1	1	-0.0465426	1	1	0	0
0.28919991	1	0.08980357	0.94841434	1	0.19	0.173
0.50825689	1	1.21186114	0.54783818	1	0.048	0.008
0.0760798	1	0.23818382	0.26059307	1	0.448	0.441
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.1158394	0.31142884	1	0	0
0.0190881	1	-0.8109345	0.25765177	1	0.057	0.071
0.29549831	1	0.34977443	0.22727228	1	0.048	0.024
0.01090426	1	0.12790634	0.95510245	1	0.048	0.094
0.19627688	1	-0.3639801	0.97793955	1	0.229	0.197
0.1078233	1	-0.1629003	0.93277088	1	0.048	0.039
0.47413309	1	-7.6104449	0.31142884	1	0	0
0.47413309	1	-8.1799342	0.31142884	1	0	0
4.61E-06	0.12731421	0.25921519	0.02186645	1	0.81	0.819
1	1	-0.0465426	1	1	0	0
0.00868792	1	-0.900834	0.01498771	1	0.181	0.071
0.57688369	1	1.03277837	0.24036131	1	0.086	0.047
0.14158412	1	-0.223641	0.89350093	1	0.21	0.291
1	1	8.09613027	0.32710281	1	0	0
0.27412342	1	-0.9445612	0.29358978	1	0.086	0.118
0.30884832	1	-1.4961424	0.9693467	1	0.01	0
0.00326631	1	0.07253447	0.79470569	1	0.067	0.031
2.07E-08	0.00057222	0.42042314	0.039317	1	0.105	0.126
1	1	-0.0465426	1	1	0	0
0.40982008	1	0.16194215	0.97359938	1	0	0.024
0.04980911	1	0.0204335	0.62477174	1	0.467	0.449
0.6456781	1	0.05526675	0.7730383	1	0.219	0.22

0.00202614	1	0.25389991	0.26546615	1	0.467	0.449
0.40409589	1	0.1767972	0.29047631	1	0.067	0.024
0.60735648	1	-0.0581842	0.67634482	1	0.048	0.071
0.35500571	1	-0.0424738	0.36986108	1	0.086	0.063
0.87356349	1	-1.4375092	0.43779604	1	0.076	0.063
0.47413309	1	-0.7725217	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.03081433	1	0.28304234	0.17378975	1	0.171	0.283
0.27656084	1	0.21408339	0.14440872	1	0.238	0.26
0.96931836	1	-0.2101642	0.33209329	1	0.514	0.417
0.2953743	1	0.02071059	0.55295755	1	0.295	0.283
0.03672179	1	-1.2087859	0.97579778	1	0.01	0.039
0.04875323	1	-0.3108322	0.74041531	1	0.029	0.047
0.99220927	1	-0.5457542	0.37218358	1	0.067	0.063
0.50564248	1	-0.1280275	0.87054833	1	0.105	0.11
0.25221922	1	-0.8046206	0.36091697	1	0.086	0.079
0.75197797	1	-0.5604735	0.70133678	1	0.01	0.016
0.00945412	1	-1.0188114	0.07360466	1	0.01	0.031
0.83419653	1	0.0093244	0.80858711	1	0.495	0.496
0.98102207	1	-0.6121469	0.30449699	1	0.114	0.071
0.98211019	1	0.4974074	0.70893209	1	0.019	0.039
1.22E-14	3.37E-10	-0.1882948	0.2008977	1	0.19	0.142
0.04525754	1	0.75554278	0.12498938	1	0.076	0.016
0.89799659	1	0.2082367	0.34194634	1	0.238	0.213
0.72497455	1	-0.1813189	0.90518502	1	0.067	0.087
0.49371962	1	-0.8721684	0.46427413	1	0	0.055
0.51370259	1	0.17758043	0.43966909	1	0.029	0.016
0.34901977	1	0.21457706	0.97141985	1	0.057	0.016
0.26552329	1	-0.4103867	0.13021446	1	0.238	0.228
0.01879624	1	0.70113605	0.00301609	1	0.41	0.323
0.03109939	1	-0.558079	0.98178118	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.09109184	1	0.23690368	0.39506058	1	0.219	0.26
0.70108362	1	-0.3138638	0.89871001	1	0.067	0.079
0.07904854	1	0.43255881	0.83145534	1	0.048	0.024
1	1	-0.0465426	1	1	0	0
0.24287865	1	-0.018974	0.88162258	1	0.162	0.118
0.51370259	1	0.3259675	0.44163055	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.45765946	1	-2.0072777	0.31679602	1	0.01	0.016
0.02298189	1	0.78833163	0.31010717	1	0	0.008
0.50273372	1	-0.3353441	0.68635085	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.6697317	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	4.95779975	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.9225568	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	-1.8848363	0.54257632	1	0.038	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	4.62806907	0.32710281	1	0	0
0.29682051	1	-0.7141275	0.72279511	1	0.029	0.039
0.00125251	1	-1.4491402	0.06672609	1	0.105	0.016
0.38617844	1	-0.0616488	0.99253773	1	0.133	0.189
0.47413309	1	-0.6792102	0.98178118	1	0	0
0.10536053	1	-0.1596858	0.44834817	1	0	0
0.01673651	1	-0.2004909	0.92102099	1	0.114	0.102
0.92271288	1	-0.314553	0.21520977	1	0.19	0.189
0.30884832	1	-8.5749588	0.15105729	1	0	0
0.80254993	1	0.22470997	0.9116395	1	0.076	0.071
0.00515414	1	-0.0403941	0.78242013	1	0.029	0.039
0.00028064	1	0.24858241	0.19450548	1	0.562	0.661
0.31568607	1	-0.6000363	0.20859495	1	0.124	0.173
0.62570159	1	0.0493413	0.24925167	1	0.114	0.118
0.38369166	1	0.05213173	0.66716195	1	0.086	0.087
0.04084295	1	-0.9212081	0.05554292	1	0.086	0.063
0.16745907	1	6.42138394	0.32710281	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.07803392	1	-0.0425296	0.74985226	1	0.01	0.008
1	1	-0.0465426	1	1	0.01	0
0.03159899	1	-0.3229594	0.68180729	1	0.105	0.102
0.03750853	1	1.18671002	0.064409	1	0.019	0.039
0.12543449	1	0.26541785	0.3869388	1	0.048	0.071
0.64607118	1	-0.4295505	0.52194702	1	0.057	0.071
0.35524554	1	0.20237464	0.63714277	1	0.114	0.071
1	1	7.22089053	0.32710281	1	0	0
0.00257452	1	0.81499679	0.09093958	1	0.029	0.071
0.62930386	1	-0.3988999	0.57560187	1	0.057	0.024
0.69601219	1	0.6520711	0.50707423	1	0	0.008
0.02782425	1	0.03922722	0.66060699	1	0.514	0.551
0.85554029	1	-0.4267884	0.1644735	1	0.324	0.307
1	1	-0.0465426	1	1	0	0
0.64367666	1	-7.5462737	0.31142884	1	0.01	0.008
0.0288151	1	-10.938092	0.00212489	1	0	0
0.3845413	1	0.20736043	0.88219797	1	0.029	0.024

0.38036429	1	0.08544535	0.60457308	1	0.038	0.055
0.26347296	1	-0.1015927	0.91587167	1	0.581	0.362
0.16745907	1	-0.0465426	1	1	0	0.008
0.93455047	1	-0.4406973	0.91472006	1	0.029	0.055
0.57602172	1	0.02241611	0.33027518	1	0.076	0.063
0.69160494	1	-0.6692288	0.37562815	1	0.038	0.055
0.21141637	1	-4.6714688	0.29853994	1	0	0
0.31830626	1	-0.1882829	0.89622446	1	0.038	0.055
0.94723925	1	0.15429317	0.42816701	1	0.21	0.181
1	1	-0.0465426	1	1	0	0
0.17231004	1	-0.9048718	0.39045234	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
0.47815642	1	-0.106989	0.86501794	1	0.038	0.047
1	1	-0.0465426	1	1	0	0
0.64367666	1	-0.0849753	0.98178118	1	0	0.008
0.16745907	1	8.96489724	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.19551563	1	1.00694832	0.22148212	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.83914293	0.58351143	1	0	0.008
0.60708146	1	-0.0638538	0.87348099	1	0.01	0.047
0.97114286	1	0.65137821	0.68103189	1	0.01	0.008
0.23644964	1	2.15052046	0.33164578	1	0.01	0.016
0.47413309	1	0.82334597	0.98633536	1	0	0
0.47413309	1	-8.165925	0.31142884	1	0	0
0.84725861	1	-1.1643866	0.44491762	1	0.01	0.024
0.33062241	1	-0.6496135	0.89167038	1	0.029	0.016
0.36023497	1	-0.0335679	0.44879835	1	0.143	0.094
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.59574442	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-0.3852798	0.98178118	1	0	0.008
0.26680846	1	-0.679046	0.71342404	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.82839938	1	0.08182907	0.30454328	1	0.133	0.134
0.42349475	1	1.01032054	0.17058065	1	0.019	0.039
0.52011482	1	0.64445442	0.30875707	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
0.07353479	1	-0.1356825	0.98295523	1	0.352	0.449
0.47413309	1	-7.9620779	0.31142884	1	0	0

0.11197535	1	0.51896371	0.19052705	1	0.019	0.118
1	1	-0.0465426	1	1	0	0
0.08666083	1	1.88433149	0.33392162	1	0	0.039
0.0832806	1	-0.3789598	0.27076505	1	0.086	0.039
1	1	8.80069904	0.32710281	1	0	0
0.33607454	1	0.28647635	0.53216482	1	0.019	0.016
0.63290303	1	0.06413358	0.5601466	1	0.238	0.315
0.25974824	1	-0.2857627	0.32506089	1	0.143	0.079
0.74894017	1	-0.261975	0.40804934	1	0.514	0.425
0.78644602	1	0.05953281	0.82532605	1	0.324	0.228
0.41549472	1	1.04472361	0.81998361	1	0.048	0.039
0.96089352	1	0.47072738	0.55817164	1	0.019	0.016
0.24497401	1	0.00511132	0.74559547	1	0.257	0.252
1	1	7.82410516	0.32710281	1	0	0
0.4438687	1	0.38160097	0.07189545	1	0.057	0.016
1	1	-0.0465426	1	1	0	0
0.17924294	1	-0.0853748	0.81295211	1	0.105	0.063
0.61705836	1	0.19259278	0.96678408	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.18809757	1	0.55047332	0.1768383	1	0.038	0.063
0.9636109	1	-0.4992583	0.34641236	1	0.086	0.055
0.39832362	1	-1.17006	0.12938496	1	0.048	0.047
0.50415297	1	0.00869955	0.63045603	1	0.019	0.055
0.09310108	1	0.37575206	0.04308873	1	0.457	0.417
0.47413309	1	-7.2885347	0.31142884	1	0	0
0.50141494	1	-0.3968418	0.51250296	1	0.048	0.094
0.89798551	1	-0.2388577	0.6783344	1	0.295	0.323
0.49910514	1	-2.8472964	0.9693467	1	0	0.016
0.86124423	1	0.53175829	0.00169232	1	0.543	0.465
0.45355513	1	0.28808679	0.09674961	1	0.219	0.205
0.79051383	1	0.53739517	0.73236962	1	0.01	0.016
0.94963247	1	-0.3172916	0.65039042	1	0	0.024
0.36812778	1	-0.2170998	0.52805342	1	0.01	0.047
0.30884832	1	0.22985472	0.97579778	1	0	0
1	1	9.24495356	0.16448785	1	0	0
0.20263716	1	-0.1630292	0.27207752	1	0.124	0.126
0.08042589	1	-0.2620132	0.64311005	1	0.019	0.024
0.20894671	1	-0.4219171	0.99718457	1	0.067	0.11
0.00442332	1	0.48854067	0.44468806	1	0.019	0
0.00094078	1	0.55349652	0.37925286	1	0.133	0.189

0.97114286	1	-1.1517817	0.9693467	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.92032149	1	0.04050009	0.19004835	1	0.057	0.047
1	1	-0.0465426	1	1	0	0
5.56E-05	1	0.39044861	0.12011056	1	0.086	0.087
0.00850754	1	-0.4060957	0.63031066	1	0.057	0.039
0.16745907	1	-0.0465426	1	1	0	0.008
0.13784733	1	1.20801906	0.01366759	1	0.01	0.094
0.00711169	1	-0.5808384	0.41575561	1	0.057	0.031
0.73404391	1	0.07577739	0.55595647	1	0.133	0.189
0.25596064	1	0.09980233	0.83409985	1	0.067	0.087
0.00675608	1	-0.0143302	0.6493338	1	0.352	0.331
0.81623997	1	0.01015936	0.27121052	1	0.095	0.047
0.14820265	1	0.22015524	0.7707728	1	0	0
1	1	-0.0465426	1	1	0	0
0.0301937	1	-0.0861167	0.50026666	1	0.038	0.047
0.04428373	1	-0.5602038	0.74385629	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.51370259	1	1.57042111	0.06330265	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.575986	0.58671897	1	0	0
0.43699148	1	0.12277289	0.89396787	1	0.086	0.063
0.3271212	1	-0.6920384	0.15246807	1	0.057	0.047
0.94129854	1	0.24313115	0.13239927	1	0.638	0.488
0.6145811	1	-0.6861864	0.22459719	1	0.076	0.102
1	1	-0.0465426	1	1	0	0
0.62564696	1	0.25814153	0.85876787	1	0.048	0.024
0.00938788	1	0.23858272	0.05372852	1	0.352	0.268
0.00572498	1	-0.3406665	0.53439085	1	0.086	0.063
0.16269699	1	-0.3806843	0.88939981	1	0.029	0.031
0.75583707	1	-0.0825022	0.75037896	1	0.01	0.024
0.21141637	1	-0.1608664	0.75091068	1	0.019	0
0.01501144	1	-0.2177212	0.38596351	1	0.505	0.567
0.05458447	1	-0.5093271	0.72645851	1	0.01	0
0.40979805	1	0.31351178	0.0371156	1	0.21	0.22
1	1	-0.0465426	1	1	0	0
0.19511143	1	-1.0103911	0.70616438	1	0.01	0.008
0.05330606	1	0.22793648	0.00435919	1	0.295	0.449
1	1	9.63630613	0.08811101	1	0	0
0.83380919	1	-0.1385654	0.87379834	1	0.124	0.126
0.16745907	1	7.66551067	0.32710281	1	0.019	0.008
0.00736375	1	-0.1337305	0.72571472	1	0.057	0.15

0.15693575	1	-0.6309288	0.82577411	1	0.048	0.039
0.08132527	1	-0.5826302	0.60370537	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.25942163	1	-0.3859052	0.71342404	1	0.01	0.008
1	1	-0.0465426	1	1	0.019	0
0.47413309	1	-6.7066122	0.31142884	1	0	0
0.97206132	1	-2.9299294	0.16486421	1	0.057	0.016
0.05032453	1	-0.6110141	0.18084876	1	0.048	0.016
0.78543925	1	-1.0792948	0.25060337	1	0.057	0.031
0.47413309	1	-7.8562391	0.31142884	1	0	0
0.19961533	1	0.14254193	0.60662991	1	0.41	0.268
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.1332792	0.31142884	1	0	0
0.95717252	1	-0.8847025	0.78740547	1	0.038	0.016
0.97638791	1	0.19828822	0.97902395	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.40174551	1	0.56026918	0.07403351	1	0.171	0.142
0.10191176	1	-0.0797285	0.57700418	1	0.057	0.094
0.00022094	1	-0.3748254	0.61532333	1	0.048	0.055
0.00331826	1	-0.3907288	0.51541217	1	0.038	0.039
0.15835733	1	0.12866172	0.87602969	1	0.086	0.071
0.00019315	1	-0.5891362	0.04711021	1	0.105	0.094
0.0502153	1	-0.5126769	0.24078402	1	0.01	0.031
0.04210881	1	-0.7146866	0.39014195	1	0.124	0.071
0.00076473	1	-0.4733588	0.1670091	1	0.057	0.047
0.79258011	1	-0.3084712	0.86175283	1	0.01	0.063
0.04445462	1	-0.571229	0.32770482	1	0.01	0.031
0.07635553	1	-0.2349905	0.97697072	1	0.057	0.031
0.00057217	1	0.07895635	0.7611352	1	0.048	0.087
0.06626617	1	0.73610132	0.13307329	1	0.038	0.031
0.65154702	1	0.19521416	0.24234936	1	0.057	0.102
9.73E-08	0.00268617	-0.4012744	0.47995994	1	0.067	0.031
0.30473959	1	0.92910897	0.10573932	1	0.048	0.031
0.05012925	1	7.36847292	0.32710281	1	0	0.016
0.01372513	1	-0.554278	0.17542978	1	0.019	0.102
0.39870467	1	1.04557099	0.03566985	1	0.019	0.024
0.07655446	1	-0.151638	0.46616737	1	0.143	0.11
0.04709634	1	-0.3498519	0.43933796	1	0.086	0.071

0.03599245	1	-0.1637938	0.95611211	1	0.019	0.063
0.04877018	1	0.11332361	0.4525183	1	0.019	0.071
2.36E-05	0.65052679	0.03811539	0.92592737	1	0.048	0.047
0.00049079	1	0.1711489	0.96801841	1	0.019	0.016
0.0143523	1	-0.1426012	0.65245944	1	0.019	0.016
0.16107268	1	0.63803882	0.53672788	1	0.057	0.118
0.00595448	1	-0.5738496	0.19571962	1	0.124	0.055
0.84870159	1	0.03971748	0.79634925	1	0.152	0.157
0.10039573	1	0.00169266	0.68942173	1	0.048	0.024
0.00920912	1	-0.3438196	0.90197944	1	0.029	0.039
6.43E-06	0.17753155	-0.2417649	0.29900735	1	0.076	0.118
0.00090148	1	-0.1046404	0.88300517	1	0.124	0.039
0.00058649	1	0.00579399	0.78483155	1	0.048	0.024
0.05467884	1	-0.7200698	0.31767652	1	0.057	0.039
0.65737734	1	-0.9458959	0.57702178	1	0.057	0.039
0.28774523	1	-0.451063	0.78173061	1	0.029	0.071
0.15480162	1	-0.1487047	0.91023854	1	0.076	0.079
0.23020971	1	0.31011247	0.26366641	1	0.086	0.079
0.54191664	1	-0.5847053	0.77312919	1	0.019	0.031
0.10176737	1	-0.8186675	0.37686908	1	0.019	0.031
5.05E-08	0.00139405	0.05542967	0.57761417	1	0.067	0.079
0.01326957	1	-0.112434	0.73668118	1	0.057	0.039
1.32E-06	0.03648871	0.09770387	0.73410245	1	0.105	0.039
0.43362049	1	-0.0912622	0.50254058	1	0.029	0.039
0.12868943	1	0.25213369	0.12993056	1	0.029	0.024
0.000264	1	-0.1044206	0.79285398	1	0.019	0.071
0.46483756	1	0.82013843	0.0816137	1	0.048	0.047
0.15946775	1	-0.1953314	0.77766642	1	0.067	0.047
0.74393793	1	-0.1499976	0.9600945	1	0.076	0.071
0.03102845	1	-0.5026371	0.51304526	1	0.057	0.024
5.25E-05	1	-0.2012591	0.4782813	1	0.029	0.063
0.04875323	1	-0.3416587	0.8698769	1	0.01	0.047
0.00900256	1	0.14103136	0.69273347	1	0.067	0.102
0.00108946	1	-0.3976996	0.10188895	1	0.143	0.134
0.06802439	1	-1.0897753	0.21101849	1	0.019	0.039
0.00017183	1	-0.5298072	0.04504144	1	0.086	0.024
0.14354948	1	-0.2212869	0.77508614	1	0.057	0.063
0.19077362	1	-0.1880105	0.55616237	1	0.019	0.094
0.35277581	1	0.54735169	0.3080498	1	0.038	0.016
0.00108371	1	0.40248289	0.53004814	1	0.076	0.024
0.6844176	1	-0.3045332	0.42470141	1	0.029	0.055
0.00574099	1	-0.1397011	0.90784612	1	0.038	0.047
0.018965	1	-0.2376392	0.75103817	1	0.038	0.071

0.00754805	1	0.05529316	0.32840606	1	0.067	0.055
1.95E-05	0.53800936	-0.1790474	0.91577473	1	0.133	0.055
0.6500904	1	0.22457087	0.57873392	1	0.19	0.197
0.51811924	1	-0.0542397	0.95254061	1	0.105	0.134
0.16491181	1	0.12112826	0.16309064	1	0.01	0.047
0.0581929	1	-0.176121	0.93764246	1	0.219	0.157
0.10536053	1	0.78220129	0.21228723	1	0.038	0
0.00023717	1	0.01892038	0.42146157	1	0.124	0.047
0.82651288	1	0.15774767	0.16375352	1	0.133	0.142
0.08594625	1	0.06470345	0.53963706	1	0.029	0.087
0.20545164	1	0.01408248	0.76569541	1	0.124	0.126
0.01047091	1	-0.1561176	0.43891198	1	0.305	0.22
0.2262318	1	0.09356487	0.51103548	1	0.019	0.039
0.05851891	1	0.23454015	0.2351855	1	0.124	0.087
0.13878563	1	0.28101505	0.96975327	1	0.01	0.102
0.67369014	1	-0.8787423	0.26832993	1	0.029	0.055
0.6061631	1	0.08317245	0.47927603	1	0.448	0.354
0.98182233	1	-0.0670999	0.46719836	1	0.229	0.189
0.16592685	1	-0.4947445	0.18366668	1	0.076	0.071
0.21141637	1	-9.7183411	0.07816392	1	0	0
0.00587569	1	-0.6071138	0.24807871	1	0.076	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	4.95779975	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.68403271	1	1.37728629	0.00298903	1	0	0.055
1	1	8.345329	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.40102449	1	-0.3993293	0.52013552	1	0.133	0.126
0.47413309	1	1.38372604	0.98633536	1	0.01	0
0.52916737	1	-0.8297663	0.46297317	1	0.048	0.047
0.47413309	1	-7.0257918	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.52144651	1	-0.1431623	0.98792917	1	0.067	0.118
0.30207617	1	-0.0526401	0.96429085	1	0.333	0.299
0.16745907	1	9.51817031	0.08811101	1	0.019	0.008
0.08548864	1	-8.2332018	0.31142884	1	0.01	0.024
0.56333616	1	-0.026827	0.47048432	1	0.124	0.087
1	1	-0.0465426	1	1	0	0
0.01288866	1	-0.0407664	0.59501806	1	0.695	0.701
0.30477941	1	-0.1297284	0.96381803	1	0.133	0.087

0.91702255	1	-0.0826437	0.81015183	1	0.286	0.228
0.75664305	1	-0.140153	0.59064716	1	0.048	0.071
1	1	8.71842113	0.32710281	1	0	0
1	1	9.65626255	0.04861576	1	0	0
0.0067887	1	0.14052888	0.78725674	1	0.076	0.079
1	1	-0.0465426	1	1	0	0
0.54092988	1	0.08912082	0.6960112	1	0.676	0.614
0.05090785	1	1.3991808	0.00238602	1	0.048	0.102
0.11649929	1	-0.0617463	0.83819003	1	0.495	0.465
0.94559041	1	-0.0291978	0.55214221	1	0.01	0.031
0.5063762	1	-1.7351623	0.68635085	1	0	0.016
0.96461538	1	-1.3151059	0.94847902	1	0.048	0.016
0.42837554	1	0.06434604	0.78826769	1	0.067	0.039
1	1	-0.0465426	1	1	0	0
0.95345245	1	-0.3210036	0.39779847	1	0	0.016
1	1	8.25343935	0.32710281	1	0	0
0.03030999	1	1.24421976	0.0646179	1	0	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	1.87790284	0.03759635	1	0	0.008
1	1	9.96959481	0.04861576	1	0	0
0.82153288	1	0.63828136	0.09237326	1	0.019	0.063
1	1	-0.0465426	1	1	0	0
0.89102888	1	-0.1207614	0.70295466	1	0.19	0.142
0.00019449	1	-0.5114338	0.23218589	1	0.038	0
0.11940818	1	0.75482439	0.19429116	1	0.124	0.126
0.70743343	1	0.01237066	0.9392279	1	0.171	0.15
0.20819108	1	-0.0183041	0.23874271	1	0.076	0.079
0.97913325	1	0.1331375	0.09878592	1	0.076	0.094
0.34989939	1	0.65090288	0.23639089	1	0.124	0.118
0.24059828	1	-0.3391751	0.93215986	1	0.038	0.024
0.00350024	1	-0.1884999	0.4975915	1	0.048	0.039
0.3223526	1	0.15169726	0.22461619	1	0.533	0.528
0.86292711	1	-0.5035965	0.98847582	1	0.057	0.079
0.476159	1	-0.5299206	0.73457725	1	0.067	0.087
0.36217898	1	0.15276913	0.35936844	1	0.029	0.063
0.90166161	1	0.28641874	0.2142402	1	0.076	0.055
0.05932683	1	-0.396938	0.53626448	1	0.067	0.047
0.73905892	1	-0.027889	0.91655085	1	0.21	0.26
0.83127816	1	0.56265322	0.37940199	1	0.029	0.039
0.12552574	1	0.27360731	0.31149249	1	0.029	0.039
0.02865837	1	-0.6648142	0.13607203	1	0.105	0.055
0.85361558	1	0.65660987	0.14834936	1	0.029	0.024

0.29073582	1	0.52630685	0.10451341	1	0.057	0.039
0.15758471	1	0.24868017	0.52271753	1	0.105	0.094
0.43982098	1	0.33023602	0.53869739	1	0.105	0.126
0.59180676	1	-0.5357844	0.10539585	1	0.143	0.228
0.01101315	1	0.44194609	0.04325746	1	0.533	0.465
0.58733644	1	-0.2172646	0.68045759	1	0.162	0.173
0.70251478	1	-0.9240042	0.34571257	1	0.01	0.047
0.00170167	1	0.14941462	0.78876924	1	0.057	0.15
0.09068976	1	0.63921927	0.17937928	1	0.095	0.071
0.95530129	1	-1.4730851	0.04742367	1	0.048	0.055
0.23105485	1	0.28056378	0.86296023	1	0.114	0.142
0.93933533	1	-0.2548066	0.83174185	1	0.133	0.126
0.09369401	1	0.6697849	0.02488569	1	0.038	0.031
0.14524895	1	0.11526444	0.2133782	1	0.238	0.276
0.09658403	1	-0.5760293	0.22109519	1	0.171	0.15
0.00662331	1	0.11243069	0.67145379	1	0.286	0.339
0.47413309	1	-7.3765422	0.31142884	1	0	0
0.06097891	1	0.05851851	0.82706843	1	0.21	0.291
0.79375869	1	-0.568264	0.42120599	1	0.305	0.173
0.89604994	1	-0.5165197	0.0646463	1	0.2	0.126
0.0002836	1	-0.037354	0.48243304	1	0.352	0.472
0.75063861	1	-0.2283765	0.88662923	1	0.067	0.055
0.18755061	1	0.49573971	0.16345233	1	0.257	0.142
0.51022849	1	0.33868926	0.96099591	1	0.01	0.031
0.77301635	1	-0.710547	0.57025837	1	0.029	0.047
0.76548502	1	0.21429219	0.74241783	1	0.152	0.142
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.80191601	1	-0.0831787	0.88033177	1	0.057	0.079
0.09985073	1	0.56206464	0.15696381	1	0.267	0.244
0.2618208	1	0.04839227	0.57245122	1	0.105	0.063
0.0005888	1	-0.048138	0.79038276	1	0.229	0.205
0.03462641	1	0.73703977	0.06917869	1	0.295	0.244
0.12223862	1	-0.1112577	0.71643072	1	0.457	0.465
0.03046197	1	-0.494596	0.98324942	1	0.048	0.024
0.06136151	1	-0.1739414	0.80749572	1	0.076	0.047
1	1	7.73992453	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.73941213	1	-0.4217512	0.75041713	1	0.143	0.126
0.26604676	1	-0.2028313	0.15777364	1	0.543	0.496
1	1	7.09017531	0.32710281	1	0.038	0
1	1	-0.0465426	1	1	0	0
0.36373785	1	0.17825322	0.96304725	1	0.019	0.008

0.21141637	1	-0.7135339	0.6287492	1	0	0
0.21141637	1	0.30680755	0.73699075	1	0.01	0
0.39131012	1	0.05155337	0.8733599	1	0.181	0.173
0.21141637	1	-1.3455771	0.30231602	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	1.10091727	0.33366442	1	0.01	0.008
0.23906368	1	-0.5090051	0.98178118	1	0.01	0.016
0.63792001	1	-1.2094275	0.98178118	1	0.01	0.008
0.0755948	1	-0.5052226	0.96150482	1	0	0
0.23906368	1	1.96163545	0.58031208	1	0	0.016
0.05012925	1	7.82745686	0.32710281	1	0	0.016
0.47413309	1	0.72628346	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.69601219	1	-1.5095815	0.30231602	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.38216905	0.68368941	1	0	0
0.77873416	1	-1.4288948	0.62361645	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.79160202	1	-0.2181958	0.89132743	1	0.057	0.031
0.04596753	1	-0.1529968	0.45650205	1	0.029	0.031
0.21141637	1	-1.8309282	0.30231602	1	0	0
1	1	-0.0465426	1	1	0	0
0.14951168	1	-0.092532	0.6015494	1	0.038	0.016
0.05587113	1	-0.0661845	0.99218761	1	0.076	0.11
0.00268392	1	-0.4463072	0.5239489	1	0.143	0.181
0.55231045	1	-0.3343889	0.53520541	1	0.057	0.087
0.95717252	1	0.03458416	0.77699816	1	0.01	0.016
0.37736873	1	-0.5016691	0.06512147	1	0.171	0.22
1.54E-19	4.26E-15	0.86257033	0.14385444	1	0.057	0.433
9.93E-16	2.74E-11	0.06999872	0.29484327	1	0.019	0.307
0.59264066	1	-0.5776889	0.72589625	1	0.057	0.047
0.23385587	1	3.63884138	0.03604143	1	0.019	0.016
0.37235121	1	0.29253094	0.29139373	1	0.086	0.094
0.6731262	1	-0.2789658	0.91474356	1	0.076	0.15
1	1	-0.0465426	1	1	0	0
0.70023339	1	0.63812848	0.73699075	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.22694331	1	0.03332888	0.55926719	1	0.114	0.157
1	1	-0.0465426	1	1	0	0
0.01711297	1	-1.3923025	0.03761192	1	0.038	0.008
0.02554757	1	-0.0574727	0.97466532	1	0.048	0.016
0.50498751	1	0.67260392	0.76456217	1	0.019	0.008
0.63792001	1	-7.795626	0.31142884	1	0	0.008

1	1	-0.0465426	1	1	0	0
0.21141637	1	-9.1903629	0.07816392	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-0.8263882	0.98178118	1	0	0.008
0.14668613	1	0.13413884	0.6492351	1	0.086	0.071
0.41245049	1	-0.1118507	0.64406079	1	0.076	0.055
0.02476041	1	0.17305352	0.04878313	1	0.8	0.787
0.47413309	1	-7.5836867	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-0.7760704	0.39045234	1	0.01	0
0.04283117	1	0.1330892	0.47766302	1	0.114	0.197
0.26125492	1	0.09650175	0.30113426	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.78481134	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.96183197	1	0.5603871	0.34789388	1	0.029	0.024
0.46672753	1	1.1075461	0.66413222	1	0.019	0.047
1	1	8.58204435	0.32710281	1	0	0
0.63546533	1	-0.6308428	0.95534075	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.21922148	1	1.94880747	0.42993711	1	0.029	0.024
0.82162126	1	-0.1087198	0.46554734	1	0.705	0.638
1	1	-0.0465426	1	1	0	0
2.03E-16	5.60E-12	-0.2694839	0.28416797	1	0.171	0.165
1.58E-15	4.37E-11	-0.1685726	0.5625965	1	0.171	0.205
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
4.47E-14	1.23E-09	-0.0976783	0.46609995	1	0.181	0.236
0.05458447	1	0.0149762	0.95123387	1	0.038	0
0.16745907	1	9.65890667	0.04861576	1	0.01	0.008
0.55304654	1	-0.3936269	0.91356188	1	0.181	0.118
0.63792001	1	0.57523465	0.98633536	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.51370259	1	-2.0208868	0.9693467	1	0.01	0.016
0.63792001	1	1.33146347	0.1114215	1	0	0.008
0.30884832	1	0.1272534	0.98225045	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.59885012	1	0.37804212	0.32275543	1	0.105	0.102
0.47413309	1	0.93131136	0.58351143	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.84435642	1	-0.6329419	0.44363843	1	0.057	0.055
0.4815393	1	-0.4275193	0.47773605	1	0.086	0.039
0.8845164	1	-0.7090028	0.05573985	1	0.152	0.118
0.23385587	1	-7.7559017	0.31142884	1	0	0.016
0.49502919	1	-0.9301986	0.20739575	1	0.162	0.094
0.47413309	1	-6.8177033	0.31142884	1	0	0
0.47413309	1	0.44416444	0.58671897	1	0.01	0
0.96946131	1	-0.6987357	0.72348372	1	0.029	0.031
0.00163915	1	-0.0245069	0.77182102	1	0.495	0.567
0.00050432	1	0.32356787	0.01616587	1	0.276	0.417
0.39413242	1	-0.1904989	0.40109596	1	0.571	0.488
0.96006489	1	0.10465141	0.81917395	1	0.248	0.291
0.07249211	1	1.07568251	0.30668534	1	0.019	0.055
0.05012925	1	-0.0465426	1	1	0.01	0.016
0.14820265	1	-9.9541045	0.04168349	1	0	0
0.01094262	1	0.08949254	0.54636521	1	0.448	0.583
0.20156097	1	0.32843442	0.51260639	1	0.01	0.031
0.79051383	1	-1.0804542	0.62618056	1	0	0.016
0.12860785	1	-0.1089832	0.99086597	1	0.295	0.268
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
0.62865677	1	-0.2172205	0.20332285	1	0.457	0.425
1.63E-05	0.4493006	0.49076274	0.0064735	1	0.343	0.441
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.90773661	1	0.33606031	0.43438228	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
0.79445119	1	2.9370416	0.00769503	1	0.038	0.016
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.30884832	1	-8.8805573	0.15105729	1	0.01	0
1	1	7.66311566	0.32710281	1	0	0
1	1	10.2710752	0.08811101	1	0	0
0.47413309	1	-7.8562391	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.8624428	0.54257632	1	0	0
0.47413309	1	0.61667453	0.98633536	1	0	0
0.75197797	1	-0.7235121	0.95074337	1	0.01	0.016
0.21141637	1	-0.836416	0.62618056	1	0.029	0

1	1	-0.0465426	1	1	0	0
0.78658181	1	-9.3666396	0.07816392	1	0	0.016
0.329571	1	0.21551731	0.48495192	1	0.2	0.213
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.0745061	0.31142884	1	0	0
0.21141637	1	-0.1216949	0.97096043	1	0.01	0
0.63792001	1	0.88585572	0.58351143	1	0	0.008
0.22114379	1	1.61432447	0.42800583	1	0	0.024
0.61768723	1	0.67278616	0.27590751	1	0.029	0.079
3.10E-06	0.08543987	0.13194161	0.75063443	1	0.048	0.071
0.01650288	1	-0.1148774	0.73847168	1	0.39	0.433
0.19116024	1	-0.332735	0.76805219	1	0.19	0.228
0.37779146	1	-0.6032881	0.78453956	1	0.219	0.22
0.06862009	1	-0.0912491	0.33415673	1	0.505	0.433
0.98163398	1	-1.4283277	0.54567368	1	0.01	0.008
0.25473424	1	0.62121904	0.32906877	1	0.019	0.016
0.00762347	1	-0.2170521	0.5824364	1	0.095	0.094
0.40612605	1	0.01427411	0.56482969	1	0.286	0.244
0.70479409	1	0.25492438	0.53210226	1	0.248	0.181
0.00491185	1	-0.3755777	0.27637921	1	0.076	0.118
0.00502898	1	0.0630247	0.84754232	1	0.248	0.315
0.16906841	1	0.99161042	0.10113315	1	0.105	0.094
0.17565841	1	0.43107311	0.13789241	1	0.314	0.346
0.01010254	1	-0.3374374	0.84777146	1	0.048	0.039
0.26309715	1	-0.4817215	0.84294363	1	0.019	0.008
0.60708234	1	0.18755281	0.24047811	1	0.286	0.299
0.55585791	1	-0.6927066	0.07558603	1	0.124	0.11
0.18685635	1	-2.700899	0.08066684	1	0	0.008
0.35340353	1	-0.1464254	0.66309303	1	0.133	0.126
0.52996737	1	0.52103776	0.62741585	1	0.057	0.055
0.78658181	1	0.43707273	0.97359938	1	0	0.016
0.01303429	1	-0.8153596	0.71709184	1	0.038	0.079
0.69319509	1	0.11880774	0.73147885	1	0.162	0.118
0.48761667	1	0.31356678	0.03661543	1	0.01	0.024
0.21423736	1	-0.1333525	0.85445083	1	0.133	0.165
0.00603427	1	-0.0295802	0.77847153	1	0.057	0
2.77E-24	7.64E-20	-0.2657251	0.02846457	1	0.381	0.37
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.15340151	1	-0.6754554	0.73513993	1	0.086	0.11
0.46099014	1	0.57123952	0.11981146	1	0.133	0.063
0.22367659	1	-0.0112735	0.65839558	1	0.162	0.157
0.73713436	1	0.16695022	0.79182447	1	0.086	0.055

0.08789525	1	-0.0758182	0.74881633	1	0.095	0.071
0.5191557	1	0.46955885	0.13502622	1	0.105	0.11
0.3278795	1	-0.4567795	0.5249434	1	0.133	0.118
0.51370259	1	-0.2224325	0.17388468	1	0.038	0.016
0.24253831	1	-0.1907173	0.9289814	1	0.076	0.094
0.08638537	1	-0.1765665	0.56337368	1	0	0.047
0.01536376	1	-0.1002345	0.59899176	1	0.029	0
1	1	7.49538116	0.32710281	1	0	0
0.10536053	1	-1.6920733	0.23585479	1	0	0
0.0755948	1	-0.3858707	0.4911286	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.45750057	1	-0.0729076	0.90168485	1	0.238	0.22
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.17231004	1	1.16957845	0.07688825	1	0	0.039
0.00066761	1	0.38433511	0.40561135	1	0.095	0.039
0.00201938	1	-0.24637	0.24422563	1	0.362	0.299
0.47413309	1	1.80520682	0.58031208	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745705	1	0.15396352	0.81504896	1	0.657	0.496
0.21141637	1	0.23809926	0.63648202	1	0	0
0.77017531	1	-0.296606	0.19448426	1	0.152	0.173
0.92490231	1	-0.375442	0.90624202	1	0.067	0.039
0.93843842	1	-0.5175018	0.05895715	1	0.01	0.071
0.19919846	1	0.17201911	0.42007078	1	0.171	0.22
0.69601219	1	-0.1242174	0.34626858	1	0	0.008
0.60373544	1	-0.1597126	0.98463388	1	0.105	0.071
0.00219269	1	0.10323395	0.76155167	1	0.295	0.181
0.05119526	1	0.41545662	0.15904272	1	0.2	0.213
0.15885817	1	0.72681644	0.00754637	1	0.238	0.205
0.0990826	1	-0.3198601	0.74814039	1	0	0.008
0.19727464	1	0.8483502	0.02442999	1	0.105	0.118
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.26409718	1	-0.4037527	0.89467752	1	0.029	0.031
0.2576425	1	-0.3958711	0.74287301	1	0.048	0.016
0.52011482	1	0.37039763	0.31925421	1	0.029	0.031
0.22502458	1	-0.1528253	0.9693467	1	0.019	0.024
0.47413309	1	-2.8475932	0.98178118	1	0	0

0.0086238	1	-1.1295088	0.05462151	1	0.076	0.016
8.62E-05	1	-0.889231	0.08577347	1	0.048	0.016
0.00438547	1	0.23847793	0.75310442	1	0.457	0.394
0.20819027	1	-0.2341485	0.61792238	1	0.257	0.189
0.24796306	1	0.12132927	0.98429321	1	0.286	0.268
0.52834498	1	-0.1238986	0.88372586	1	0.19	0.228
0.29578085	1	-0.0253318	0.73491011	1	0.124	0.126
0.06427713	1	0.00273002	0.23015875	1	0.152	0.213
0.14820265	1	-1.0548133	0.66429835	1	0.029	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.01907906	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.53288477	1	0.18215613	0.48359357	1	0.219	0.26
0.01264016	1	0.25401365	0.46865544	1	0.8	0.677
0.00710963	1	0.49723432	0.11240362	1	0.543	0.52
0.21141637	1	-9.6830925	0.07816392	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.19402528	1	1.15703308	0.50340362	1	0.067	0.031
0.77445863	1	0.26585586	0.30221098	1	0.152	0.118
0.69180038	1	1.47441434	0.14349362	1	0.019	0.008
0.10071547	1	0.6277577	0.65981596	1	0.076	0.063
0.82193397	1	0.83612494	0.97946562	1	0.067	0.024
0.23821017	1	-0.0466468	0.78080999	1	0.076	0.024
0.63229363	1	0.25861538	0.16899337	1	0.21	0.118
0.01158338	1	0.48164181	0.07987149	1	0.057	0.15
0.05086609	1	0.11781869	0.74474323	1	0.048	0.039
1	1	-0.0465426	1	1	0	0
0.90476146	1	0.2716075	0.70901527	1	0.095	0.126
0.36869196	1	-1.3321215	0.23706905	1	0.01	0.008
0.70625109	1	0.36485064	0.28981259	1	0.029	0.071
0.12433335	1	0.61696154	0.33728362	1	0.019	0.079
0.65417101	1	0.23785146	0.29554517	1	0.048	0.087
0.9711106	1	0.22546884	0.39198858	1	0.048	0.094
0.17371156	1	0.33543231	0.05458602	1	0.381	0.402
0.00536245	1	-0.1056242	0.83655728	1	0.505	0.457
0.97114286	1	1.36148875	0.67572874	1	0.029	0.008
0.93848698	1	-0.111713	0.8798911	1	0.371	0.276
0.47413309	1	-7.2140127	0.31142884	1	0	0
0.4083631	1	-0.3858359	0.93919464	1	0.095	0.079
0.50825689	1	0.28684933	0.97365352	1	0.01	0.008
8.26E-06	0.22808711	-0.3563547	0.02856296	1	0.438	0.441
0.90173593	1	-1.1995303	0.06099245	1	0.048	0.071

1	1	-0.0465426	1	1	0	0
0.04325865	1	0.31698092	0.42629657	1	0.343	0.37
0.0006005	1	0.12471631	0.61019218	1	0.752	0.74
4.60E-06	0.12696557	0.23095077	0.40012185	1	0.79	0.827
0.74794426	1	0.29095586	0.33097127	1	0.114	0.15
0.21708536	1	-0.0190193	0.29496976	1	0.152	0.118
0.01185317	1	0.53055015	0.08223408	1	0.362	0.394
0.20878503	1	-0.3148216	0.01007007	1	0.705	0.559
0.00084033	1	0.24783382	0.1364779	1	0.714	0.748
0.09460972	1	-0.0294325	0.84316652	1	0.343	0.26
0.69340615	1	0.2634569	0.38190925	1	0.038	0.055
0.00436131	1	-0.0867963	0.88440221	1	0.019	0.008
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.74771143	1	-0.8921376	0.94092988	1	0.086	0.063
0.55023603	1	-0.0510558	0.88011288	1	0.133	0.094
0.50044134	1	1.12491167	0.30052552	1	0.01	0.031
0.21107685	1	-0.7658278	0.20591632	1	0.114	0.134
0.24306014	1	0.10935881	0.70446794	1	0.238	0.142
0.2630023	1	0.0435856	0.69464988	1	0.543	0.512
0.95083235	1	-0.0564188	0.90330061	1	0.029	0.047
1	1	-0.0465426	1	1	0	0
1	1	9.25669021	0.16448785	1	0	0
0.05458447	1	-0.1811735	0.67321359	1	0.038	0
1	1	-0.0465426	1	1	0	0
0.65718725	1	-0.7788151	0.28455118	1	0.114	0.063
0.05012925	1	9.30509023	0.08811101	1	0.01	0.016
0.49582864	1	0.30292303	0.29187557	1	0.181	0.228
1	1	7.69151378	0.32710281	1	0	0
0.20463426	1	-1.7547759	0.30042403	1	0.038	0.031
0.5254073	1	0.2727978	0.58267691	1	0.048	0.055
1	1	-0.0465426	1	1	0	0
0.05490916	1	0.41816068	0.08690227	1	0.057	0.197
0.74130453	1	0.0746274	0.41878988	1	0.124	0.142
5.32E-10	1.47E-05	0.17273293	0.60006441	1	0.114	0.079
4.45E-05	1	-0.2085489	0.66517791	1	0.057	0.063
0.00129308	1	0.16179905	0.47262636	1	0.057	0.165
8.66E-05	1	0.07162197	0.74807658	1	0.095	0.15
0.05837955	1	0.25572473	0.5004187	1	0.057	0.118
7.44E-10	2.05E-05	0.2475163	0.30898171	1	0.114	0.11
1	1	-0.0465426	1	1	0.01	0
0.00213975	1	-0.0527066	0.84739735	1	0.143	0.063
0.023243	1	-0.1808096	0.28656806	1	0.105	0.15

0.00286549	1	-0.0559318	0.59385428	1	0.038	0.071
0.01627855	1	0.61891758	0.09575095	1	0.029	0.031
0.48846742	1	0.42438267	0.32345385	1	0.124	0.15
0.00099379	1	0.20281208	0.40308638	1	0.105	0.094
0.16745875	1	-0.5100666	0.60554737	1	0.057	0.031
0.73552218	1	0.23205988	0.24153861	1	0.162	0.126
1.34E-05	0.36888783	-0.5762637	0.29219855	1	0.029	0.008
0.00974964	1	-0.0872047	0.8332597	1	0.057	0.071
0.48642582	1	0.47049191	0.25999173	1	0.076	0.094
0.41209753	1	-0.7044139	0.2936134	1	0.057	0.047
0.11019652	1	-0.5554978	0.07198785	1	0.21	0.126
0.02785313	1	0.56168939	0.02680959	1	0.095	0.039
4.30E-08	0.00118529	-0.3581383	0.17525971	1	0.076	0.087
1.22E-05	0.33728842	0.01205574	0.88628603	1	0.086	0.087
9.16E-05	1	-0.1132114	0.98093177	1	0.076	0.094
4.84E-06	0.13358796	-0.0632463	0.98294536	1	0.19	0.197
0.76846275	1	1.67152792	0.14157422	1	0.01	0.016
2.55E-07	0.00704736	-0.3048828	0.22934338	1	0.086	0.094
6.47E-05	1	0.10384519	0.92760974	1	0.076	0.063
1.19E-05	0.32908853	0.04820578	0.73604767	1	0.067	0.079
3.68E-05	1	0.28553762	0.13718566	1	0.038	0.055
0.02590949	1	0.26197174	0.41087638	1	0.114	0.157
2.14E-06	0.05909481	0.185805	0.29172915	1	0.114	0.071
0.0129454	1	0.32655742	0.16474953	1	0.067	0.126
1.27E-06	0.03494836	0.07484605	0.78000014	1	0.057	0.094
0.32595582	1	0.28305219	0.30311175	1	0.114	0.165
0.0479442	1	0.19003383	0.25740029	1	0.057	0.079
0.09547397	1	0.29856634	0.0901435	1	0.076	0.079
0.52791395	1	0.02646759	0.72709191	1	0.248	0.268
0.30884832	1	-9.2575433	0.15105729	1	0	0
0.0001343	1	0.00283018	0.73232263	1	0.105	0.087
0.00540843	1	0.00292901	0.52015547	1	0.067	0.102
0.00891478	1	0.38198625	0.21919812	1	0.067	0.11
0.02566315	1	-0.4854243	0.60860468	1	0.048	0.047
0.02345473	1	-0.424885	0.30292064	1	0.181	0.142
0.03983123	1	0.0238516	0.40679451	1	0.114	0.055
0.41782464	1	1.37894462	0.33527931	1	0.019	0.024
0.05458447	1	-0.4404877	0.33740687	1	0.01	0
0.30884832	1	-1.99129	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
0.77481873	1	-9.2773975	0.07816392	1	0	0.016
0.52950965	1	0.23118171	0.63594933	1	0.152	0.11
0.66258313	1	0.23006064	0.29640416	1	0.086	0.126

0.69180038	1	-2.1931727	0.62105689	1	0.01	0.008
0.45534443	1	-0.1881659	0.94949451	1	0.01	0.016
0.7618558	1	-0.7361313	0.82406313	1	0.01	0.016
1	1	4.95779975	0.32710281	1	0	0
0.38503468	1	0.21104484	0.91735736	1	0.105	0.063
0.10583101	1	-0.3070385	0.45124475	1	0.2	0.102
0.94565979	1	-0.0338761	0.80292083	1	0.39	0.268
4.95E-07	0.01364723	-0.1378333	0.49194395	1	0.114	0.15
0.00151643	1	0.29585004	0.15429792	1	0.524	0.638
1	1	-0.0465426	1	1	0	0
0.59667297	1	-0.7734051	0.48789378	1	0.067	0.016
0.4433435	1	-0.0778075	0.27628163	1	0.152	0.079
0.42681969	1	-1.4568886	0.55315829	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.6489666	1	-0.3423401	0.47410618	1	0.286	0.228
0.05590322	1	0.28647387	0.12913551	1	0.143	0.165
0.36303654	1	0.06735003	0.53268205	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.84033318	1	0.64313248	0.36404326	1	0.01	0.039
0.62338261	1	-0.2121734	0.36771485	1	0.114	0.126
0.26494833	1	-10.942796	0.01240969	1	0	0.008
0.9711106	1	0.67894434	0.13929332	1	0.086	0.094
0.00108041	1	0.31078975	0.06251701	1	0.495	0.551
0.76692129	1	0.58907997	0.65537395	1	0.029	0.024
0.9132352	1	-0.084635	0.80614504	1	0.133	0.142
0.82349826	1	0.59142543	0.54811517	1	0.095	0.063
0.45760366	1	-0.0259064	0.90406871	1	0.124	0.094
0.81995074	1	-0.229035	0.56271573	1	0.105	0.11
0.072231	1	0.47644457	0.29583945	1	0.019	0.039
0.64367666	1	-9.5807803	0.31142884	1	0.01	0.008
0.47413309	1	-0.7525192	0.98178118	1	0	0
0.53588895	1	0.36964449	0.11078837	1	0.371	0.425
0.07744926	1	-0.5367926	0.74940866	1	0.048	0.008
0.72068092	1	0.15418431	0.62405291	1	0.229	0.142
0.13592071	1	0.52576385	0.17235742	1	0.029	0.008
0.64367666	1	-0.108053	0.98178118	1	0	0.008
0.51292575	1	0.15931098	0.21512391	1	0.086	0.071
0.68199395	1	0.51347711	0.23243155	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.30884832	1	2.69806897	0.02231581	1	0.019	0
0.39691726	1	-0.1294852	0.60649528	1	0.029	0.024
0.33425077	1	-0.544493	0.73618587	1	0.019	0.016
0.30884832	1	2.14409051	0.42800583	1	0	0

0.16745907	1	-0.0465426	1	1	0	0.008
0.50825689	1	-0.064664	0.39595417	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.64849824	1	0.71666921	0.43968782	1	0.048	0.031
0.64367666	1	-7.8345888	0.31142884	1	0.019	0.008
0.05665437	1	-0.0688301	0.36948288	1	0.019	0.071
0.01551041	1	0.1711242	0.20622694	1	0.295	0.402
0.50877605	1	-0.0598471	0.64671036	1	0.305	0.213
0.05012925	1	9.16720393	0.04861576	1	0	0.016
0.47413309	1	-7.6722679	0.31142884	1	0.01	0
2.13E-05	0.58685385	0.09312048	0.87077147	1	0.61	0.669
0.44014645	1	-0.4696294	0.00619732	1	0.343	0.276
0.37489139	1	0.10506672	0.59420254	1	0.4	0.331
0.38124289	1	0.02346612	0.64326153	1	0.057	0.055
0.87547401	1	-0.1627197	0.43180579	1	0.686	0.606
1	1	-0.0465426	1	1	0	0
1	1	5.42762774	0.32710281	1	0	0
0.22118061	1	0.12697319	0.96010316	1	0.095	0.087
0.60178483	1	0.23632775	0.48244209	1	0.343	0.244
0.01901276	1	-1.5313783	0.01392843	1	0.057	0.055
0.35463319	1	-0.5482667	0.91665118	1	0.038	0.087
0.19402528	1	-0.5674781	0.30421593	1	0	0.031
0.43766562	1	0.31470923	0.2753134	1	0.124	0.118
0.14669471	1	1.07249202	0.04755584	1	0.124	0.157
0.42592056	1	-1.7591977	0.62105689	1	0.01	0.024
0.00047523	1	0.19046447	0.59060191	1	0.705	0.661
0.16745907	1	-0.0465426	1	1	0	0.008
0.04993981	1	0.9845994	8.33E-05	1	0.305	0.378
0.31088486	1	0.57131904	0.20396512	1	0.133	0.11
0.18957888	1	-0.2800136	0.67470873	1	0.029	0.008
0.1945563	1	-1.2588121	0.5666381	1	0.057	0.024
0.94559041	1	0.38610123	0.96162754	1	0	0.031
1.68E-06	0.04638131	0.81291211	0.0001107	1	0.486	0.52
0.4825691	1	0.88717994	0.34500853	1	0.057	0.079
0.71220755	1	-0.559499	0.35265308	1	0.057	0.047
0.13688272	1	0.00952676	0.89603109	1	0.162	0.118
0.06205434	1	0.30755786	0.36502556	1	0.314	0.346
0.755152	1	-0.0937027	0.84324649	1	0.114	0.087
0.22326648	1	0.10088216	0.81459473	1	0.114	0.087
0.01191362	1	-0.3026393	0.79225486	1	0.095	0.055
0.06392243	1	0.03746542	0.99025875	1	0.267	0.323
0.01132219	1	-0.4196186	0.70937205	1	0.067	0.031
0.63792001	1	-7.5818323	0.31142884	1	0	0.008

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	0.11868253	0.64950034	1	0.267	0.213
0.02138771	1	0.12538672	0.99803771	1	0.076	0.079
0.58975952	1	0.06643538	0.52046166	1	0.152	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.09899387	1	-0.1689629	0.84705066	1	0.076	0.071
0.35120963	1	-0.1604573	0.893145	1	0.076	0.055
0.00021858	1	-0.2536974	0.82908616	1	0.095	0.079
1	1	-0.0465426	1	1	0	0
0.60126222	1	0.28725135	0.31233153	1	0.048	0.024
0.84725861	1	-3.301614	0.09272584	1	0.01	0.024
0.98163398	1	1.64593094	0.16938386	1	0.019	0.008
0.25759727	1	-1.0824129	0.70428365	1	0.019	0.008
0.23644964	1	-0.2441908	0.58671897	1	0.029	0.016
0.04931298	1	0.77095439	0.05862495	1	0.114	0.157
0.05407359	1	-0.0452853	0.67195997	1	0.086	0.079
0.30884832	1	-2.6091198	0.54257632	1	0	0
0.43855524	1	-0.0492382	0.58217167	1	0.505	0.339
0.12624091	1	-0.2402346	0.80747492	1	0.057	0.063
0.47515947	1	-0.20527	0.52900852	1	0.038	0.047
0.59543174	1	0.43917833	0.37988891	1	0.067	0.039
0.37424031	1	-0.0346676	0.82469512	1	0.019	0.047
0.48928382	1	-0.0251625	0.80835812	1	0.086	0.055
0.00659586	1	-0.8526341	0.02942562	1	0.143	0.11
0.19910531	1	1.53202494	0.34722085	1	0.067	0.055
0.51003251	1	-0.9075702	0.54567368	1	0	0.016
0.99866215	1	0.41153741	0.32499853	1	0.086	0.142
1	1	-0.0465426	1	1	0	0
1.10E-05	0.30446494	0.02762909	0.8740387	1	0.733	0.803
0.37931037	1	-1.3229016	0.54299646	1	0	0.024
0.68665444	1	-0.931918	0.30342654	1	0.019	0.087
0.78658181	1	0.92472912	0.34074557	1	0	0.016
0.82553185	1	-0.3721524	0.14180572	1	0.124	0.157
0.50234742	1	0.03005435	0.71856792	1	0.01	0.024
0.0368436	1	0.37327899	0.22282094	1	0.01	0.024
0.47413309	1	0.06740144	0.58671897	1	0	0
0.16745907	1	7.40208169	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.04943332	1	-0.121491	0.78438267	1	0.057	0.079
0.36380465	1	0.43592357	0.58407536	1	0.057	0.047

1	1	-0.0465426	1	1	0	0
0.94064729	1	0.01276185	0.95448074	1	0.162	0.079
0.35203661	1	-2.0406257	0.38499722	1	0.029	0.031
0.37395012	1	-0.0788582	0.75253803	1	0.505	0.441
0.13258503	1	0.37322155	0.22899115	1	0.029	0.205
0.60005375	1	0.14980595	0.38251819	1	0.01	0.039
0.4295535	1	0.20076895	0.63474293	1	0.01	0.039
0.96680725	1	-0.244901	0.93880384	1	0.01	0.031
0.59211771	1	-0.1288034	0.77672303	1	0.086	0.087
0.01321358	1	-0.3393807	0.14104037	1	0.505	0.528
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.8077944	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.36869196	1	-0.1975502	0.94869378	1	0	0.008
0.47413309	1	-8.4602568	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.9273576	1	0.22318842	0.76477043	1	0.01	0.039
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.00409722	1	-0.245235	0.59520692	1	0.4	0.394
0.39530433	1	-1.1446351	0.02019928	1	0.229	0.228
0.02790956	1	0.24353585	0.61028264	1	0.457	0.189
0.43255993	1	-0.823653	0.86664135	1	0.019	0.016
0.08849716	1	0.11847644	0.68669347	1	0.486	0.394
0.22307814	1	-1.1739886	0.44163055	1	0.048	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	8.27712821	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.16745907	1	9.06182932	0.08811101	1	0	0.008
0.94973339	1	-0.4417274	0.6754711	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.37600272	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.1359688	0.31142884	1	0	0
0.45371421	1	-1.1298848	0.10196382	1	0.019	0.039
0.96089352	1	-0.3459117	0.95762876	1	0.01	0.016
0.42105403	1	0.47937935	0.17521534	1	0.114	0.11

0.01636378	1	-0.3588097	0.6557376	1	0.019	0.024
1.15E-19	3.18E-15	-0.2133981	0.15993427	1	0.295	0.346
0.00037425	1	-0.0352901	0.97298977	1	0.238	0.331
0.00247814	1	-0.1797078	0.95896711	1	0.029	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
0.00871968	1	0.06990427	0.89009485	1	0.048	0.079
0.02247091	1	1.10415239	0.09933372	1	0.114	0.118
1	1	5.45342005	0.32710281	1	0	0
0.74869428	1	-1.9076892	0.43640704	1	0.019	0.016
0.68014691	1	-0.4404162	0.9335851	1	0.038	0.118
0.76194649	1	-1.6222645	0.18250551	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
0.14347609	1	0.60031635	0.25616072	1	0.095	0.024
0.36773489	1	0.21196672	0.23392715	1	0.057	0.039
0.07686817	1	0.18956635	0.73656864	1	0.038	0.008
1	1	-0.0465426	1	1	0	0
0.77481873	1	-9.3179318	0.07816392	1	0	0.016
0.47919675	1	-0.3046763	0.58969397	1	0.19	0.22
0.1543246	1	0.24842843	0.58397076	1	0.124	0.11
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.61428115	0.08811101	1	0	0
0.16745907	1	7.40544908	0.32710281	1	0	0.008
0.97665619	1	-0.2033301	0.49773043	1	0.152	0.173
0.99080473	1	-0.585756	0.50158667	1	0.067	0.087
0.2171888	1	-0.2732649	0.59064716	1	0.076	0.031
1	1	-0.0465426	1	1	0	0
0.80017491	1	0.12632984	0.23463047	1	0.076	0.087
0.06273188	1	0.26690661	0.80253474	1	0.171	0.102
0.37240427	1	-0.3069101	0.74985226	1	0.076	0.024
0.92970225	1	-0.6013377	0.54734393	1	0.01	0.031
0.31582485	1	-0.7333584	0.73141389	1	0.057	0.055
0.03070251	1	2.11151377	0.10994172	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.01425972	1	-0.2148403	0.83583438	1	0.181	0.268
0.62848709	1	-0.2101732	0.781161	1	0.048	0.134
0.29611396	1	-0.7578273	0.38597924	1	0.01	0.047
0.47413309	1	-7.8919709	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.4087123	1	-0.0982469	0.31978394	1	0.429	0.37
0.02102196	1	0.24411718	0.59145777	1	0.029	0
0.00646264	1	-0.0702901	0.83615848	1	0.219	0.165

0.37160621	1	-0.1382553	0.42039766	1	0.124	0.134
0.99724078	1	-1.2609057	0.25832349	1	0.114	0.071
0.53269681	1	-0.6220971	0.06154682	1	0.105	0.142
0.89890443	1	0.1532782	0.33376812	1	0.105	0.11
0.259311	1	-0.5710133	0.01232745	1	0.238	0.22
5.56E-07	0.01534066	0.21210441	0.33788042	1	0.105	0.126
0.23904967	1	-0.3877564	0.69982364	1	0.181	0.11
0.5633639	1	0.03986627	0.95775255	1	0.01	0.016
0.0258772	1	0.75766089	0.21275926	1	0.086	0.126
4.91E-10	1.35E-05	-0.3009593	0.13895828	1	0.352	0.236
0.94217685	1	-0.4514819	0.6057608	1	0.152	0.165
0.12452777	1	-0.3785297	0.17652413	1	0.381	0.276
0.36084326	1	-0.4437414	0.75733585	1	0.019	0.039
0.47413309	1	-7.3662631	0.31142884	1	0.01	0
0.32724268	1	0.09926877	0.684915	1	0.324	0.315
1	1	-0.0465426	1	1	0.01	0
0.97114286	1	-0.9105168	0.68901619	1	0.01	0.008
0.02488598	1	-0.107639	0.59836666	1	0.048	0.071
0.09126828	1	-0.3084276	0.64229247	1	0.067	0.039
0.02887246	1	0.44542149	0.10574584	1	0.219	0.165
0.00074637	1	0.0924495	0.62057478	1	0.352	0.48
1	1	4.64722057	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.09130966	0.98633536	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	9.10714856	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.34343351	1	-0.1848184	0.94206173	1	0.057	0.016
1	1	-0.0465426	1	1	0	0
0.08445636	1	1.96468887	0.33164578	1	0.038	0.024
0.50825689	1	-0.0239512	0.39595417	1	0	0.008
0.78859158	1	0.38760577	0.28955293	1	0.076	0.039
0.70446388	1	-1.0621475	0.30421593	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.39658449	1	-0.5133023	0.20156803	1	0.124	0.118
1	1	-0.0465426	1	1	0	0
4.26E-05	1	0.6385629	0.03576046	1	0.076	0.094
0.30884832	1	-1.5965392	0.9693467	1	0	0

0.32381735	1	-0.1188381	0.76516566	1	0.419	0.425
0.62930386	1	-0.273827	0.40150959	1	0.038	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.63792001	1	1.85200087	0.10994172	1	0.019	0.008
0.07415101	1	-0.93225	0.06274916	1	0.105	0.063
0.66308801	1	-0.2656695	0.77553957	1	0.095	0.063
0.63792001	1	-7.6004858	0.31142884	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.2668174	1	-0.0259909	0.64335837	1	0.076	0.079
0.7176943	1	-0.2089203	0.32255226	1	0.286	0.268
1.21E-07	0.00334948	-0.2480287	0.17423281	1	0.381	0.291
1	1	-0.0465426	1	1	0	0
0.00143291	1	-0.5446348	0.61131384	1	0.048	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.39357006	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.02563428	1	-0.4364161	0.23407454	1	0.133	0.079
0.04420403	1	-0.0222492	0.8932483	1	0.095	0.181
1	1	-0.0465426	1	1	0	0
0.45856055	1	0.09983021	0.62868672	1	0.286	0.291
1	1	8.23458774	0.32710281	1	0	0
1	1	9.92424356	0.04861576	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-3.7283703	0.16486421	1	0.01	0
0.74269494	1	0.97847757	0.15419729	1	0.038	0.039
0.30884832	1	1.55140434	0.27153506	1	0.01	0
0.72296512	1	-0.1856586	0.87502613	1	0.343	0.268
0.86060112	1	0.35340913	0.18418916	1	0.086	0.157
0.15140203	1	0.18542643	0.35755565	1	0.067	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.80528873	1	-0.4915	0.65854131	1	0.181	0.126
0.75744329	1	-0.2782675	0.15202222	1	0.486	0.331
0.05458447	1	-0.6340741	0.94253956	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.72871723	0.16448785	1	0	0.008

0.64405948	1	-0.4657127	0.74940866	1	0.01	0.031
0.00013868	1	0.18099062	0.04169322	1	0.8	0.78
0.02938346	1	0.22444457	0.34572011	1	0.238	0.299
0.00510294	1	2.63342261	0.0380239	1	0.067	0.055
0.24168445	1	0.56099635	0.02299251	1	0.314	0.236
0.0005083	1	1.54002616	0.02735826	1	0.038	0.102
1	1	-0.0465426	1	1	0	0
0.91701381	1	-0.0271775	0.92721732	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.50498751	1	-0.1737005	0.96907365	1	0	0.008
0.01508474	1	-0.1868184	0.99463139	1	0.105	0.055
0.96829294	1	-0.0689844	0.76169343	1	0.067	0.102
0.21321292	1	-0.2664553	0.38311813	1	0.124	0.134
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.86344245	0.33164578	1	0.01	0
0.43804799	1	-0.5313523	0.10703565	1	0.343	0.362
0.19158606	1	0.09981974	0.58700072	1	0.057	0.071
0.57160664	1	0.18850375	0.96338128	1	0	0.016
0.61385742	1	0.05065867	0.74537645	1	0.476	0.354
0.63792001	1	0.40649359	0.98633536	1	0.01	0.008
0.12303798	1	0.3234478	0.96525795	1	0.029	0.055
0.97114286	1	0.31942503	0.68103189	1	0.01	0.008
0.57713347	1	-0.6781414	0.49275031	1	0	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
0.00964412	1	0.08314216	0.35496931	1	0.571	0.606
0.97206132	1	-3.3530081	0.16486421	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.36912299	1	-1.3637099	0.10689223	1	0.029	0.039
0.50172925	1	-0.9804325	0.66429835	1	0.01	0.008
0.47413309	1	-7.924238	0.31142884	1	0	0
0.70023339	1	-0.251379	0.63389996	1	0.029	0.008
0.20309338	1	0.77596679	0.22441382	1	0.01	0.031
0.75059247	1	0.54275696	0.02707679	1	0.029	0.047
0.00087499	1	-0.5193459	0.09101309	1	0.21	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.1441979	0.98178118	1	0.01	0
0.16745907	1	7.34625965	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.23906368	1	-0.178777	0.98178118	1	0.029	0.016
1.05E-08	0.0002886	0.04857469	0.70826788	1	0.181	0.118
0.05001301	1	0.11478622	0.39920209	1	0.638	0.598

0.03692876	1	-0.1618715	0.58108586	1	0.229	0.354
0.04393882	1	0.11195821	0.26980625	1	0.6	0.638
0.03448909	1	-1.1979543	0.11964468	1	0.076	0.016
0.00452782	1	0.48145994	0.0836092	1	0.448	0.496
0.29470272	1	0.07223205	0.48616431	1	0.114	0.079
0.76846275	1	0.47871876	0.59792521	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.03940588	1	-0.4223399	0.52921668	1	0.01	0.031
0.47085339	1	-0.0573965	0.67024445	1	0.448	0.409
0.12702888	1	-0.5559858	0.18932316	1	0.4	0.22
0.0846536	1	0.13950845	0.31226312	1	0.533	0.504
0.01386636	1	0.04469788	0.52079998	1	0.038	0.047
0.1019982	1	0.02551818	0.66850461	1	0.067	0.047
0.06988181	1	0.42479968	0.56394233	1	0.048	0.087
0.85158723	1	0.30908093	0.39594441	1	0.229	0.291
0.13862183	1	-0.9478219	0.02019059	1	0.143	0.102
0.50216667	1	-0.1847741	0.48402221	1	0.114	0.126
0.13265528	1	0.4374731	0.34684345	1	0.038	0.055
0.12610617	1	-0.8500858	0.22754961	1	0.019	0.039
0.33832667	1	0.17210005	0.46197159	1	0.057	0.031
0.14820265	1	-0.3625184	0.67099324	1	0	0
0.00805914	1	-0.3410412	0.56725062	1	0.048	0.087
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5597652	0.31142884	1	0	0
0.61640026	1	-0.4003358	0.03334331	1	0.467	0.394
0.06317521	1	0.50037042	0.02335074	1	0.133	0.276
0.08237514	1	-0.5775241	0.98791936	1	0.048	0.016
0.70240427	1	-0.2251664	0.73392033	1	0.39	0.362
0.14820265	1	-2.7889748	0.16596842	1	0	0
0.941632	1	-0.0245116	0.39426764	1	0.152	0.047
1	1	-0.0465426	1	1	0	0
0.97114286	1	0.86658596	0.06553127	1	0.019	0.008
0.47413309	1	-7.2591002	0.31142884	1	0	0
0.68972293	1	-0.0586824	0.89456251	1	0.124	0.189
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.6621958	1	0.04262244	0.9457118	1	0.057	0.063
0.97114286	1	-8.9132737	0.15105729	1	0	0.008
0.37162112	1	-0.7960683	0.70659697	1	0.038	0.047
0.97638791	1	1.24305426	0.27153506	1	0.048	0.008
0.63792001	1	3.16778838	0.58031208	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0

0.70854983	1	0.33224422	0.20804977	1	0.076	0.079
0.34511493	1	0.16542136	0.58859046	1	0.067	0.063
0.62539244	1	-0.5212369	0.4956223	1	0.067	0.102
1	1	6.7973066	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.69357828	0.98633536	1	0	0
0.3463861	1	0.83788632	0.64065583	1	0.029	0.047
0.50182721	1	-0.1974001	0.7862567	1	0.171	0.268
0.45980505	1	0.18349527	0.93586087	1	0.057	0.094
0.24179865	1	-0.0689623	0.47302416	1	0.029	0.024
0.38934581	1	0.60797258	0.18145098	1	0.133	0.165
0.39949809	1	0.59057052	0.15870856	1	0.067	0.094
0.54408345	1	0.70151416	0.2185848	1	0.114	0.102
0.42678793	1	0.01666943	0.55986594	1	0.257	0.339
0.01579995	1	0.23544471	0.06572935	1	0.133	0.157
0.48340296	1	-0.1418553	0.2953943	1	0.038	0.055
0.10108282	1	0.24164245	0.66415222	1	0.048	0.047
0.59557854	1	-0.2429354	0.26572675	1	0.267	0.283
0.27597193	1	0.42380535	0.62005508	1	0.019	0.047
1	1	-0.0465426	1	1	0.01	0
0.77301635	1	0.4674761	0.20313328	1	0.019	0.047
0.38603344	1	0.2728164	0.65136876	1	0.048	0.039
0.001203	1	-0.5334696	0.18836826	1	0.019	0.024
0.49524626	1	0.06382923	0.77907649	1	0.029	0.008
0.67145296	1	-0.0382466	0.48596875	1	0.01	0.071
0.01784236	1	-0.2620198	0.57860789	1	0.076	0.039
0.14820265	1	-9.538551	0.04168349	1	0	0
0.16745907	1	7.86133843	0.16448785	1	0	0.008
0.99895995	1	-0.8121087	0.72168031	1	0.038	0.055
0.01051004	1	-0.7396647	0.81273986	1	0.029	0.016
0.47353563	1	0.05109082	0.9250594	1	0.114	0.118
0.01870433	1	-0.4736621	0.8098224	1	0.038	0.031
0.55303497	1	0.01159468	0.7204466	1	0.41	0.386
0.02616378	1	-0.3159321	0.71983667	1	0.124	0.165
0.99252179	1	0.06496641	0.97019694	1	0.105	0.11
0.18685635	1	0.20258084	0.74180704	1	0.01	0.008
0.14820265	1	-1.4584603	0.16931443	1	0	0
0.01356032	1	-0.8470133	0.294278	1	0.038	0.016
0.04963201	1	-0.6018537	0.69275241	1	0.076	0.071
0.21141637	1	-9.71239	0.07816392	1	0	0

0.64570683	1	0.26581725	0.25477678	1	0.095	0.102
0.83793992	1	0.12185411	0.60713384	1	0.438	0.346
0.79445119	1	-0.6972275	0.74858491	1	0	0.016
0.25710056	1	-0.3842478	0.05485062	1	0.314	0.26
0.00070964	1	-0.0027308	0.73962489	1	0.448	0.551
0.21141637	1	0.18730693	0.34349999	1	0.038	0
0.23723749	1	-0.1652067	0.21231695	1	0.2	0.118
0.95884623	1	-0.3547134	0.41626038	1	0.152	0.15
0.0561248	1	0.43834221	0.05680519	1	0.371	0.441
0.33414594	1	0.28026014	0.21994618	1	0.114	0.142
0.36066822	1	-0.624039	0.07433566	1	0.229	0.228
0.06454505	1	0.1604481	0.24561823	1	0.114	0.173
0.59849887	1	0.43670367	0.11798681	1	0.2	0.126
0.00086349	1	0.09675666	0.40390346	1	0.39	0.323
0.87583201	1	0.85074369	0.75553715	1	0.048	0.031
0.59020793	1	0.05872819	0.99906218	1	0.41	0.299
0.15604212	1	0.73389896	0.06916978	1	0.076	0.118
0.89818136	1	0.6737597	0.63080144	1	0.095	0.071
0.96542097	1	-0.7177454	0.57816562	1	0.019	0.039
0.14205396	1	-0.0455554	0.55088292	1	0.095	0.008
0.7780623	1	0.20007602	0.61325712	1	0.124	0.157
0.57028371	1	-0.5647188	0.50897633	1	0.114	0.142
0.51419553	1	0.02094947	0.70004072	1	0.152	0.142
0.05458447	1	-1.6736058	0.17825636	1	0.01	0
0.67235708	1	0.24970567	0.93921317	1	0.038	0.063
0.70766947	1	-0.5539561	0.24889637	1	0.124	0.142
0.27201246	1	-0.2302678	0.54510991	1	0.114	0.126
0.73782177	1	1.51497	0.02216706	1	0.124	0.094
0.05410271	1	0.2878051	0.58006766	1	0.524	0.504
0.17715747	1	0.76403888	0.04532922	1	0.048	0.126
0.78636121	1	0.28726212	0.88445519	1	0.105	0.039
0.44178998	1	0.40791862	0.29103935	1	0.152	0.173
0.5063762	1	1.90069913	0.67308317	1	0.01	0.016
0.02222416	1	0.43678914	0.05151443	1	0.067	0.039
0.47413309	1	-7.6833108	0.31142884	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.78453022	1	0.43182288	0.18635643	1	0.257	0.236
0.30884832	1	2.09051303	0.67308317	1	0	0
1	1	-0.0465426	1	1	0	0
0.19451173	1	0.45958921	0.37482366	1	0.2	0.142
1	1	-0.0465426	1	1	0	0
0.5799063	1	-1.6539288	0.69700188	1	0.048	0.016
1	1	7.67996565	0.32710281	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.8240556	0.31142884	1	0	0
0.34887352	1	-0.3931751	0.42188863	1	0.076	0.055
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.97114286	1	-8.0999374	0.15105729	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.00420902	1	0.65004898	0.05804084	1	0.038	0.016
0.57436691	1	0.34164337	0.13335878	1	0	0.016
0.64367666	1	-8.5843237	0.31142884	1	0	0.008
1	1	6.72849109	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.58766965	0.32710281	1	0	0.008
0.01431224	1	-0.2503507	0.73896905	1	0.086	0.071
0.00034722	1	-0.2664232	0.73930489	1	0	0.087
5.79E-06	0.15983002	-0.5542022	0.41273931	1	0.019	0.283
0.30600383	1	-0.9907859	0.35652083	1	0.048	0.094
0.16889952	1	-0.1560716	0.59261932	1	0.01	0.079
0.07289934	1	-2.0331589	0.0430539	1	0.01	0.008
1.54E-16	4.24E-12	0.10040222	0.66653126	1	0.333	0.402
0.1229395	1	1.0157271	0.22441322	1	0.01	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	2.98247999	0.10133508	1	0.048	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.69180038	1	0.60275558	0.06003542	1	0	0.008
0.10770214	1	-1.2666375	0.20369979	1	0.01	0.016
0.01375285	1	-0.3584872	0.21859872	1	0.2	0.213
0.30884832	1	-8.8642488	0.15105729	1	0	0
1	1	8.09613027	0.32710281	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.01124277	1	-1.2251204	0.57342792	1	0.038	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.28964971	1	1.12390881	0.01112552	1	0.038	0.047
0.94130628	1	0.63422522	0.09762278	1	0.114	0.071
1	1	-0.0465426	1	1	0	0
0.72096113	1	0.50996552	0.87887891	1	0.095	0.087
0.92898343	1	0.06939388	0.85152553	1	0.105	0.102
0.5222928	1	-0.0318877	0.49250532	1	0.029	0.031
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.09084809	1	0.19486354	0.34171096	1	0.067	0.126
0.63792001	1	0.71715028	0.58351143	1	0	0.008
0.02423795	1	-0.5637028	0.2014314	1	0.21	0.079
0.01988215	1	-0.0404046	0.48244615	1	0.533	0.567
0.0502994	1	-0.2740807	0.5431311	1	0.39	0.26
1	1	-0.0465426	1	1	0	0
0.08946985	1	-0.3029584	0.60018438	1	0.029	0.016
0.07457924	1	-0.4801916	0.56632417	1	0.019	0.008
0.15132903	1	-0.5695988	0.93899627	1	0	0.016
0.79998959	1	-0.253729	0.56081356	1	0.114	0.118
0.02558975	1	-0.2898768	0.74067263	1	0.076	0.024
0.89812927	1	-0.193806	0.74981773	1	0.095	0.063
1	1	-0.0465426	1	1	0	0
0.10470987	1	-0.1143239	0.70147126	1	0.543	0.528
0.78658181	1	-2.8060594	0.29853994	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.02325175	1	0.19410785	0.84152979	1	0.4	0.433
0.35638517	1	0.36376147	0.59956087	1	0.019	0.008
0.51003251	1	-2.661072	0.54257632	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.24459424	0.16448785	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.5737467	0.31142884	1	0	0
0.974578	1	1.117235	0.00470773	1	0.067	0.11
0.88588167	1	-0.5237666	0.77020533	1	0.152	0.079
0.16745907	1	9.29452439	0.16448785	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00989669	1	0.45211961	0.02027838	1	0.429	0.362
0.52306936	1	0.72341428	0.3219165	1	0.076	0.079
1	1	-0.0465426	1	1	0	0
0.63792001	1	0.30119537	0.33569097	1	0.01	0.008
0.07355733	1	0.08035196	0.80499483	1	0.048	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.70023339	1	-9.5355981	0.07816392	1	0	0.008

0.00127602	1	-0.7081101	0.22698505	1	0.095	0
1	1	7.58766965	0.32710281	1	0	0
0.63792001	1	3.7067909	0.06243024	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.31574914	1	-0.2802975	0.88698475	1	0.181	0.236
0.47413309	1	1.20145611	0.33366442	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.8110839	0.31142884	1	0	0.008
0.01866338	1	-0.3026609	0.40419022	1	0.095	0.118
0.27477012	1	-1.0526205	0.0179981	1	0.229	0.181
0.06324011	1	-0.0164616	0.51883493	1	0.029	0.024
0.5063762	1	0.90229759	0.98225045	1	0.029	0.016
0.17033481	1	0.6034817	0.27233918	1	0.181	0.205
0.82934269	1	0.25717528	0.32742058	1	0.105	0.102
0.32050617	1	0.31996368	0.08424013	1	0.238	0.236
0.7026137	1	0.30756385	0.55844342	1	0.114	0.126
0.19158177	1	-0.5557083	0.15684795	1	0.019	0.024
0.36620968	1	1.07080565	0.42608138	1	0	0.008
0.05638435	1	-0.2538982	0.74318401	1	0.067	0.039
0.00127602	1	-0.3257618	0.30749319	1	0.01	0
0.02102196	1	-1.921554	0.26059511	1	0.01	0
0.93962492	1	-0.0964562	0.92717509	1	0.229	0.244
0.83893872	1	0.63045644	0.23079141	1	0.267	0.157
0.64367666	1	-8.4919063	0.31142884	1	0.019	0.008
0.63546533	1	-10.365108	0.04168349	1	0	0.024
0.90002639	1	0.35597373	0.07480425	1	0.238	0.252
0.46733244	1	-0.3318042	0.80339289	1	0.143	0.173
0.4060219	1	0.00540537	0.95319747	1	0.19	0.165
0.00309384	1	0.6560475	0.00498136	1	0.381	0.346
0.65203295	1	-0.5006751	0.15684795	1	0.105	0.063
0.16745907	1	-0.0465426	1	1	0	0.008
0.24616642	1	-0.1484674	0.78036491	1	0.124	0.126
0.00419885	1	0.22335475	0.24574552	1	0.667	0.693
0.08118175	1	0.23284648	0.07422531	1	0.667	0.598

0.52618815	1	-0.1445793	0.39603942	1	0.01	0.031
0.50273372	1	2.09481486	0.27020031	1	0.01	0.016
0.47043124	1	-0.469512	0.84436609	1	0.076	0.071
0.36109497	1	-1.068399	0.1101171	1	0.057	0.087
0.95573092	1	-0.5611634	0.49275031	1	0.038	0.024
0.16745907	1	7.84026543	0.32710281	1	0.01	0.008
0.48632458	1	0.27946067	0.1991518	1	0.095	0.063
0.51512906	1	-0.2503248	0.21591913	1	0.01	0.039
0.47413309	1	-7.1623989	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
3.19E-10	8.79E-06	-0.3847585	0.10869943	1	0.067	0.055
0.00016644	1	-0.3957529	0.68410919	1	0.086	0.063
0.0003447	1	-0.0349266	0.78403918	1	0.381	0.331
0.81950132	1	0.35280811	0.28566581	1	0.171	0.173
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-0.4048348	0.98178118	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.75855879	1	0.26766776	0.80119466	1	0.057	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4934072	0.31142884	1	0	0
0.9630421	1	0.6260557	0.12186053	1	0.133	0.118
0.70023339	1	0.01638345	0.6287492	1	0	0.008
0.43808455	1	1.52673701	0.00351002	1	0.019	0.031
0.74977348	1	-0.0749656	0.79087621	1	0.086	0.071
0.77138683	1	0.02873947	0.58796486	1	0.219	0.197
0.07984304	1	-0.224414	0.96307849	1	0.219	0.189
0.27597193	1	-0.0161369	0.56708936	1	0.095	0.047
1	1	-0.0465426	1	1	0.01	0
0.73661239	1	-0.6203291	0.45128568	1	0.105	0.134
0.17097856	1	0.92539695	0.019838	1	0.2	0.213
0.30642139	1	-0.5166837	0.42511867	1	0.133	0.126
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.91377636	1	0.30052298	0.43727936	1	0.029	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.47413309	1	-0.3608289	0.58671897	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.1500805	0.31142884	1	0	0
0.47413309	1	-6.8349806	0.31142884	1	0	0
0.19979619	1	-0.3705153	0.89162607	1	0.038	0.087
0.84956741	1	0.17331528	0.71525186	1	0.181	0.15
0.47413309	1	-7.4620449	0.31142884	1	0	0
0.30884832	1	0.71008321	0.10593605	1	0	0
0.32155373	1	-0.0534463	0.55519059	1	0.019	0.031
0.66424879	1	0.2565225	0.26125148	1	0.181	0.126
0.85703947	1	0.15933604	0.20443567	1	0.419	0.307
0.3379047	1	0.94301408	0.29543864	1	0.019	0.016
0.9984256	1	0.30839471	0.26854882	1	0.333	0.252
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.7593625	0.31142884	1	0	0
0.05012925	1	8.1838187	0.04861576	1	0	0.016
0.47413309	1	0.95991913	0.98633536	1	0.01	0
0.86688176	1	-0.0429815	0.98070754	1	0.21	0.181
0.00388214	1	1.51086301	0.0646179	1	0	0.047
1	1	-0.0465426	1	1	0	0
0.97576112	1	-0.8235291	0.29169708	1	0.076	0.087
0.70446388	1	-3.5128738	0.29853994	1	0.019	0.008
0.83326126	1	-0.2119812	0.90589725	1	0.114	0.071
0.95089159	1	0.30469302	0.67681896	1	0.01	0.031
0.97114286	1	0.4607625	0.68103189	1	0.029	0.008
0.22307814	1	-0.3436391	0.68635085	1	0	0.024
0.37884596	1	0.13805476	0.83446076	1	0.086	0.15
1	1	7.83758167	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.05582816	1	0.13221612	0.69154999	1	0.114	0.134
0.44182093	1	0.95471021	0.24681525	1	0.048	0.039
0.63792001	1	-7.6426785	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.02124323	1	-0.485773	0.48804671	1	0.057	0.008
1	1	-0.0465426	1	1	0	0
0.03252227	1	0.61347349	0.05372368	1	0.238	0.276
1	1	-0.0465426	1	1	0.01	0
0.97638791	1	1.54447212	0.98225045	1	0.01	0.008
0.0288797	1	0.13809908	0.29330718	1	0.2	0.165
0.92560892	1	-0.4615224	0.90434943	1	0.048	0.071
0.00033433	1	-0.3808039	0.17591801	1	0.086	0.126
0.22748034	1	0.07941124	0.75632804	1	0.057	0.087
0.00185208	1	0.01778123	0.65510411	1	0.676	0.614

0.00610784	1	0.24651642	0.60406453	1	0.114	0.134
0.009123	1	0.01366546	0.67929665	1	0.181	0.11
1	1	-0.0465426	1	1	0	0
0.95717252	1	0.23723577	0.97136346	1	0.019	0.016
0.57150445	1	0.15933688	0.45825851	1	0.038	0.079
0.34646296	1	0.05247066	0.6465353	1	0.619	0.567
0.77523596	1	-1.7454054	0.0874268	1	0.086	0.047
1	1	-0.0465426	1	1	0.01	0
0.29718013	1	-0.0365245	0.43503022	1	0.343	0.299
1	1	9.51686867	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.35298365	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0.01	0
0.47413309	1	-7.2140127	0.31142884	1	0	0
0.51003251	1	-1.3167404	0.54567368	1	0	0.016
0.30884832	1	-0.2684622	0.97257202	1	0.01	0
0.244212	1	0.41876355	0.60390544	1	0.048	0.024
0.24366255	1	0.16102527	0.16324346	1	0.705	0.654
0.0516573	1	0.25847906	0.81120535	1	0.2	0.252
0.00334958	1	-0.1416529	0.63650984	1	0.029	0.016
0.22898771	1	0.1887852	0.94558508	1	0.048	0.094
0.00181971	1	0.38199345	0.00730343	1	0.771	0.669
0.47413309	1	-0.535991	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.0273435	1	-0.1257675	0.684301	1	0.057	0.031
1	1	-0.0465426	1	1	0	0
0.09929952	1	0.14283517	0.58329554	1	0.152	0.126
0.46069307	1	0.24668206	0.06576491	1	0.295	0.307
0.6912717	1	-0.4707516	0.58213849	1	0.076	0.031
0.94973339	1	1.17657541	0.05044334	1	0.019	0.016
0.54285982	1	0.53811827	0.0326422	1	0.124	0.079
0.00032976	1	0.02109978	0.65881836	1	0.629	0.512
0.13583891	1	0.01884311	0.86013109	1	0.019	0.047
0.23520554	1	-1.000488	0.4894334	1	0.105	0.11
0.63792001	1	-6.4878812	0.31142884	1	0	0.008
0.16745907	1	6.42138394	0.32710281	1	0	0.008
0.67373081	1	-0.3039998	0.96005527	1	0.038	0.047
0.21141637	1	-9.4892188	0.07816392	1	0	0
0.03643126	1	1.64647313	0.01296659	1	0.01	0.055
0.90808018	1	-0.2391993	0.92942354	1	0.076	0.047
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.9434653	0.15105729	1	0	0

0.96709052	1	-0.0662474	0.23149271	1	0.219	0.213
0.19197363	1	0.25300982	0.49548395	1	0.019	0.094
0.16745907	1	-0.0465426	1	1	0	0.008
0.04457907	1	0.70527919	0.16975914	1	0.095	0.102
0.00016067	1	0.1088158	0.63284044	1	0.695	0.764
0.56470379	1	0.23412623	0.15692831	1	0.067	0.087
0.03524461	1	-0.6145253	0.07105912	1	0.229	0.165
0.56938318	1	-0.055625	0.84130837	1	0.2	0.213
0.08834738	1	-0.7021336	0.4611601	1	0.019	0.016
0.47413309	1	-0.1186841	0.98178118	1	0	0
0.2942554	1	0.05280125	0.88537762	1	0.162	0.173
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05623599	1	0.83556936	0.69704717	1	0.048	0.008
0.5063762	1	1.75110785	0.16760819	1	0.01	0.016
0.59825624	1	0.24144128	0.16138892	1	0.571	0.465
1	1	-0.0465426	1	1	0	0
0.78996644	1	-0.073524	0.45294937	1	0.171	0.165
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.35718128	1	0.46969333	0.40402442	1	0.171	0.102
0.78543925	1	-2.2649528	0.06805188	1	0.01	0.031
0.65294953	1	-0.1117079	0.93186648	1	0.019	0.031
0.30884832	1	0.66573108	0.67837832	1	0	0
0.75583725	1	-1.244206	0.32881788	1	0.01	0.024
0.7618558	1	0.2952723	0.60119856	1	0	0.016
1	1	8.6515186	0.16448785	1	0	0
0.0993427	1	-0.82043	0.47634208	1	0.038	0.055
0.47413309	1	-7.3177104	0.31142884	1	0	0
0.00046008	1	0.12801919	0.67875088	1	0.238	0.37
0.76846275	1	-10.015915	0.02261846	1	0.048	0.016
0.47413309	1	-0.0982387	0.58671897	1	0	0
0.04818563	1	-1.088044	0.13964896	1	0.01	0.024
0.47413309	1	1.8068709	0.58031208	1	0	0
0.10275292	1	0.39702685	0.32766061	1	0.305	0.291
1.96E-07	0.00539603	0.00215862	0.91641974	1	0.143	0.071
0.95787515	1	-0.3730488	0.76870505	1	0.124	0.15
0.47413309	1	0.58714321	0.98633536	1	0.01	0
0.06561349	1	-0.1633632	0.35887191	1	0.352	0.315
0.12530291	1	-0.0070967	0.83576182	1	0.143	0.094
0.25559434	1	-0.851141	0.70976286	1	0.019	0.047
0.04984743	1	-1.1291624	0.04316099	1	0.095	0.173
0.00010823	1	-0.1744217	0.76991526	1	0.19	0.362

0.00034427	1	-0.2749604	0.50435041	1	0.276	0.433
0.00409354	1	0.63203904	0.04942369	1	0.162	0.26
0.01536376	1	-1.0191741	0.11493065	1	0.019	0
0.20813418	1	1.12213456	0.07229815	1	0.038	0.087
0.46587677	1	0.39520025	0.5997108	1	0.029	0.063
0.42406865	1	-0.1265855	0.64146533	1	0.105	0.134
0.18634867	1	0.01551115	0.89076773	1	0.143	0.142
5.68E-07	0.0156748	0.29700839	0.01228403	1	0.733	0.819
0.0008953	1	0.16155684	0.70910663	1	0.143	0.205
1	1	7.17278644	0.32710281	1	0	0
0.30884832	1	-1.2851549	0.68901619	1	0	0
0.08445636	1	2.22109914	0.33164578	1	0	0.024
0.63963337	1	-0.1549576	0.76805425	1	0.048	0.031
0.33505618	1	-0.2962127	0.98179046	1	0.076	0.094
1	1	-0.0465426	1	1	0	0
0.97114286	1	0.97415407	0.2742181	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.3186432	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.75373171	1	-0.378647	0.08270384	1	0.219	0.126
0.39317997	1	-0.3683785	0.3871063	1	0.086	0.087
0.59212967	1	0.30256251	0.41829126	1	0.095	0.094
0.08349876	1	-0.6207023	0.23558749	1	0.048	0.031
0.83774189	1	0.33317818	0.80499483	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.14820265	1	-2.7294776	0.3868104	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.4878812	0.31142884	1	0	0
0.30884832	1	-9.9119407	0.15105729	1	0	0
0.28296952	1	0.11532745	0.72376695	1	0.267	0.205
0.34076692	1	0.04673378	0.69918563	1	0.048	0.094
0.03033351	1	-0.7233311	0.6538451	1	0.019	0.039
0.15772658	1	-0.0847651	0.50270412	1	0.095	0.094
1	1	-0.0465426	1	1	0	0
0.58448504	1	0.16106534	0.60119889	1	0.114	0.126
0.06228838	1	0.06981036	0.67294171	1	0.562	0.606
0.63304464	1	0.16226852	0.95347163	1	0.029	0.024
0.14681694	1	-0.5953047	0.7444216	1	0.067	0.016
4.91E-05	1	0.62855362	0.00190231	1	0.39	0.488
0.88572577	1	0.02391763	0.59511183	1	0.143	0.094

0.88962181	1	-0.0672237	0.73566055	1	0.343	0.26
0.33754266	1	0.91824829	0.27206064	1	0	0.031
1	1	7.96988348	0.32710281	1	0	0
0.1073865	1	-0.3281634	0.59163524	1	0.01	0.024
0.46764256	1	-0.5336605	0.60704684	1	0.152	0.079
6.30E-08	0.00173746	-0.4167775	0.02515822	1	0.114	0.181
0.47971037	1	-0.2127976	0.46013629	1	0.4	0.346
0.47413309	1	0.00118276	0.98633536	1	0	0
0.93744476	1	-1.6454833	0.28496208	1	0	0.024
0.01830613	1	0.26492288	0.33670051	1	0.524	0.52
0.33615433	1	0.42132544	0.08973137	1	0.057	0.079
0.47413309	1	-8.0689118	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.23644964	1	2.47883842	0.19045963	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.50825689	1	-1.3023271	0.66429835	1	0.01	0.008
0.05012925	1	-0.0465426	1	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	4.95779975	0.32710281	1	0	0
0.92981358	1	-1.8693885	0.13833769	1	0.038	0.039
0.14820265	1	-1.8079716	0.3868104	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.7697253	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.39932126	0.32710281	1	0	0
0.23385587	1	-0.9839706	0.98178118	1	0.01	0.016
0.00542594	1	7.20366268	0.32710281	1	0.019	0.031
0.63792001	1	0.26046232	0.58671897	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.69180038	1	-9.9276849	0.07816392	1	0.01	0.008
0.02992178	1	-0.5638458	0.98178118	1	0	0.031
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.76470181	0.97902395	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.93135622	1	-3.1850177	0.28010644	1	0.01	0.024
0.2008814	1	-0.1785257	0.20771119	1	0.267	0.394

0.75737611	1	0.20007024	0.25078908	1	0.438	0.283
0.76969987	1	-0.2674777	0.94253956	1	0	0.024
0.97114286	1	-0.217593	0.68635085	1	0	0.008
0.18523921	1	0.72864115	0.15927721	1	0.143	0.079
0.00775162	1	0.22186529	0.37181907	1	0.438	0.504
0.40049691	1	-0.1470832	0.93040493	1	0.067	0.024
0.41836466	1	0.04697352	0.68712512	1	0.21	0.213
0.85243246	1	0.27946922	0.92032267	1	0.076	0.071
0.36184441	1	-1.7966178	0.01393373	1	0.076	0.055
1	1	8.03821046	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.10734413	1	0.28510672	0.14911624	1	0.61	0.535
0.03555017	1	-0.0379914	0.72771162	1	0.219	0.142
0.04493452	1	0.02517416	0.54727436	1	0.39	0.276
0.48930648	1	-0.6322759	0.1893433	1	0.181	0.102
0.98252628	1	0.84981065	0.01015849	1	0.076	0.071
0.04656926	1	0.06954262	0.55384885	1	0.276	0.165
0.05329862	1	0.03568016	0.9136534	1	0.343	0.244
0.03938874	1	0.19902857	0.60987407	1	0.705	0.622
0.41930146	1	0.82921158	0.05017539	1	0.105	0.079
0.91254561	1	-0.9176635	0.72412886	1	0.029	0.047
0.97727033	1	0.18101409	0.88909304	1	0.219	0.165
1	1	9.9674754	0.01548432	1	0	0
1	1	-0.0465426	1	1	0	0
0.42957107	1	0.08855358	0.4127466	1	0.086	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.18957888	1	-0.120237	0.39154137	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.98163398	1	-1.3545724	0.54567368	1	0	0.008
0.09319611	1	-9.69654	0.15105729	1	0.01	0.031
0.50604803	1	-0.6695504	0.7245439	1	0.21	0.15
1	1	-0.0465426	1	1	0	0
0.16954562	1	-0.4763987	0.42214241	1	0.114	0.055
0.11210585	1	0.46718016	0.55172465	1	0.086	0.087
0.85998207	1	-0.0048836	0.61271845	1	0.01	0.024
0.74784421	1	-0.0279471	0.51114477	1	0.076	0.102
1	1	-0.0465426	1	1	0	0
0.79082369	1	0.55913027	0.20285044	1	0.029	0.047
0.04112441	1	-0.467477	0.22891034	1	0.076	0.094
1	1	7.17278644	0.32710281	1	0	0
1	1	8.65875839	0.16448785	1	0.019	0

0.00368739	1	-0.1141898	0.54567649	1	0.219	0.244
0.13812355	1	-0.0194764	0.50591637	1	0.067	0.079
0.16745907	1	9.01351845	0.32710281	1	0	0.008
0.01708388	1	0.45177228	0.16842986	1	0.048	0.047
0.36869196	1	0.50958778	0.60283826	1	0.019	0.008
0.13094453	1	-0.2604904	0.44260828	1	0.276	0.228
0.00055864	1	-0.122243	0.4710827	1	0.038	0.087
0.34037439	1	0.47974883	0.14796437	1	0.048	0.157
0.46703128	1	0.02218358	0.75257599	1	0.543	0.433
0.74879965	1	0.07138083	0.92353661	1	0.105	0.142
0.05195542	1	-0.6888777	0.1693849	1	0.01	0.047
0.47413309	1	-7.8562391	0.31142884	1	0	0
0.10798606	1	-0.2894852	0.40321795	1	0.029	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	9.61973974	0.08811101	1	0.019	0
0.7986552	1	0.41747056	0.39111552	1	0.01	0.055
0.63792001	1	-0.770376	0.98178118	1	0.01	0.008
0.03798803	1	1.4605141	0.33392162	1	0.048	0.047
0.69601219	1	-3.1021682	0.30042403	1	0	0.008
0.01519265	1	-2.424784	0.28496208	1	0.067	0.079
0.22698312	1	-1.5935891	0.54257632	1	0	0.024
4.68E-07	0.01290403	0.74008312	0.00024766	1	0.733	0.701
0.96547826	1	-0.0676469	0.59159841	1	0.276	0.236
0.02605317	1	0.62972884	0.03327187	1	0.324	0.346
0.16745907	1	7.20366268	0.32710281	1	0.01	0.008
0.27029641	1	0.22415351	0.337428	1	0.314	0.268
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.2858731	0.98178118	1	0.019	0
0.47413309	1	1.39516907	0.98633536	1	0	0
1	1	8.80069904	0.32710281	1	0	0
0.9268017	1	0.1169167	0.53892112	1	0.095	0.15
1	1	-0.0465426	1	1	0	0
0.69180038	1	-9.6455845	0.07816392	1	0.01	0.008
0.64222193	1	0.13414744	0.84446617	1	0.61	0.614
0.3364181	1	-0.3402628	0.29246639	1	0.029	0.094
0.00095492	1	0.04313732	0.72663269	1	0.495	0.52
0.84091157	1	1.11562325	0.30462284	1	0.019	0.024
0.00307973	1	0.30810296	0.88126133	1	0.21	0.228
0.08358682	1	0.00524847	0.34553845	1	0.038	0.102
0.75583725	1	0.72131254	0.4896313	1	0	0.024
0.21141637	1	-10.211559	0.07816392	1	0	0
0.02706034	1	-0.169581	0.92821855	1	0.019	0.118
0.0057943	1	0.85213862	0.48632251	1	0.057	0.134

0.16745907	1	-0.0465426	1	1	0	0.008
0.98163398	1	-8.9271607	0.15105729	1	0.01	0.008
1	1	-0.0465426	1	1	0.01	0
0.41476797	1	-0.1057486	0.83620136	1	0.095	0.087
0.5546894	1	1.14279948	0.0098407	1	0.076	0.087
0.09027548	1	0.15405864	0.20395404	1	0.181	0.165
0.0834342	1	2.07278712	0.18923611	1	0	0.024
0.0569244	1	0.078001	0.64625137	1	0.314	0.283
0.37629923	1	-0.3681421	0.68241079	1	0.086	0.094
0.98163398	1	1.0623545	0.17027696	1	0.038	0.008
0.1066343	1	0.76426986	0.06154922	1	0.124	0.157
0.45073421	1	0.44759725	0.83353361	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.17291757	1	-0.3058808	0.88712185	1	0.21	0.236
0.22307814	1	0.16684632	0.68368941	1	0	0.024
0.65991612	1	-0.1581784	0.68102244	1	0.105	0.087
0.23906368	1	-3.3043458	0.98178118	1	0.01	0.016
0.43897207	1	-0.1601284	0.49809605	1	0.057	0.047
0.00458182	1	0.11728696	0.22480314	1	0.114	0.087
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.44882913	1	-0.4656369	0.35320419	1	0.19	0.283
0.77805323	1	0.60173266	0.14495454	1	0.048	0.024
0.11102366	1	-1.5755627	0.03679424	1	0.029	0.024
0.30884832	1	0.2012138	0.54877979	1	0.01	0
0.47942598	1	0.14210672	0.52156173	1	0.2	0.173
1	1	9.5260748	0.32710281	1	0	0
0.44718536	1	-0.5239249	0.40050023	1	0.143	0.165
0.01555934	1	-1.1105083	0.1750844	1	0.067	0.055
0.31838832	1	0.08273343	0.08469915	1	0.571	0.504
0.12466486	1	-0.0631822	0.64183619	1	0.448	0.488
0.6291456	1	0.07463488	0.62960755	1	0.152	0.118
0.33281552	1	0.00703244	0.36786582	1	0.362	0.331
0.96775511	1	-0.1871778	0.43952332	1	0.219	0.205
0.93603684	1	-0.3250273	0.80767082	1	0.067	0.055
0.01013926	1	0.24528105	0.35854043	1	0.01	0.016
0.78297783	1	0.59473485	0.2462516	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
5.11E-06	0.14094591	0.69516804	0.00016517	1	0.59	0.591
0.98163398	1	2.1943511	0.16584655	1	0	0.008
0.06588251	1	1.1926366	0.00138414	1	0.114	0.157

1	1	-0.0465426	1	1	0	0
0.00082122	1	0.2652836	0.44761427	1	0.229	0.339
1	1	-0.0465426	1	1	0	0
0.30884832	1	1.38296055	0.43187343	1	0.019	0
0.99137288	1	0.07511704	0.45298043	1	0.133	0.142
0.70023339	1	0.55323004	0.21954297	1	0.029	0.008
1	1	7.20387945	0.32710281	1	0	0
0.00200674	1	-0.2517577	0.65562449	1	0.124	0.047
1	1	-0.0465426	1	1	0	0
0.03192156	1	-0.332023	0.27433096	1	0.39	0.276
0.63963337	1	1.08961975	0.25503542	1	0.019	0.031
0.10596773	1	0.71992278	0.41401535	1	0.086	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.43769949	1	0.67440163	0.00056509	1	0.429	0.323
0.24122494	1	-0.3853532	0.22474052	1	0.21	0.173
0.69180038	1	-1.3788269	0.30042403	1	0	0.008
0.25473424	1	0.61674914	0.68719681	1	0.029	0.016
0.44334109	1	-0.0896563	0.89836532	1	0.057	0.055
0.14523146	1	-0.2818329	0.88388419	1	0.057	0.071
1	1	-0.0465426	1	1	0	0
0.75780729	1	0.60713157	0.062015	1	0.086	0.102
0.59007085	1	0.68404262	0.06589435	1	0.248	0.205
0.95956497	1	-0.2841822	0.92953203	1	0.095	0.047
0.4452856	1	-0.832554	0.04747	1	0.181	0.15
1	1	6.54921854	0.32710281	1	0	0
0.16745907	1	10.2847996	0.01548432	1	0	0.008
0.77248141	1	0.00276513	0.67321359	1	0.048	0.024
3.09E-06	0.08523472	0.01203826	0.50016776	1	0.124	0.094
0.87846137	1	0.06250414	0.9709206	1	0.048	0.071
0.02352375	1	-0.3081978	0.80483032	1	0.095	0.079
0.97608245	1	-0.1278848	0.62741181	1	0.057	0.055
0.95717252	1	-0.6315064	0.66875868	1	0.01	0.016
0.43480824	1	-0.9148679	0.72136629	1	0.019	0.016
0.50273372	1	-0.196629	0.54877979	1	0	0.016
0.47413309	1	-0.4568161	0.58671897	1	0	0
0.12467615	1	0.00475226	0.58966628	1	0.133	0.15
0.06866293	1	0.07685648	0.59033933	1	0.333	0.37
0.59664042	1	0.54285263	0.20290691	1	0.086	0.142
0.69313835	1	-0.2147635	0.26426481	1	0.038	0.031
0.72996606	1	-0.113746	0.91994031	1	0.114	0.134
0.17104401	1	-0.0622383	0.86847966	1	0.086	0.063
0.82178096	1	0.58371548	0.48004695	1	0.162	0.094

0.40982008	1	0.6681563	0.73236962	1	0	0.024
0.47413309	1	-8.5843237	0.31142884	1	0	0
0.52767297	1	-0.3692746	0.63873853	1	0.076	0.063
0.73528153	1	0.47725823	0.43229981	1	0.171	0.134
1	1	-0.0465426	1	1	0	0
0.94353696	1	-3.0321631	0.28131505	1	0.019	0.024
0.13355422	1	-0.0507594	0.71336853	1	0.105	0.102
0.13959787	1	0.17703905	0.57782112	1	0.181	0.252
0.06080555	1	0.08809457	0.46975008	1	0.01	0.031
3.58E-22	9.87E-18	-0.2184474	0.20013915	1	0.295	0.268
0.03705664	1	0.28378542	0.35202727	1	0.095	0.071
1	1	-0.0465426	1	1	0	0
0.42592056	1	-0.9422837	0.30421593	1	0	0.024
0.94927452	1	-0.3512926	0.18816057	1	0.248	0.236
0.01621721	1	10.1073921	0.02728712	1	0	0.024
0.71121767	1	-0.3969329	0.84314703	1	0.114	0.102
0.50498751	1	1.40752007	0.38115117	1	0.019	0.008
0.59266471	1	-0.2073298	0.62634214	1	0.248	0.228
9.83E-11	2.71E-06	-0.0220164	0.8976678	1	0.286	0.283
0.30559807	1	0.48590011	0.87360405	1	0.01	0.024
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.00368054	1	-0.5166889	0.39240054	1	0.048	0.016
0.5063762	1	-1.1915791	0.54257632	1	0	0.016
0.50234742	1	-0.9989425	0.25150527	1	0.057	0.024
0.10763028	1	-0.2615341	0.87307311	1	0.152	0.197
0.07673449	1	-0.3078514	0.59433682	1	0.01	0.016
0.10268452	1	-1.4187274	0.16646565	1	0.01	0.024
0.13101317	1	0.16750237	0.63630051	1	0.029	0.055
0.98163398	1	-8.5297683	0.15105729	1	0	0.008
0.47413309	1	-7.2471179	0.31142884	1	0	0
0.47413309	1	1.15713203	0.58351143	1	0.01	0
0.63792001	1	-0.0203547	0.98633536	1	0	0.008
1	1	8.21095643	0.16448785	1	0	0
0.81536138	1	-0.3083857	0.39735088	1	0.057	0.142
1	1	-0.0465426	1	1	0	0
0.24040193	1	-1.8741714	0.00660471	1	0.086	0.071
0.24427586	1	0.88465943	0.15755171	1	0.162	0.126
0.00012289	1	0.24230108	0.40719875	1	0.095	0.126
0.05670441	1	-0.4197699	0.72011358	1	0.114	0.11
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0

1	1	-0.0465426	1	1	0	0
0.62186466	1	-0.384098	0.45098969	1	0.2	0.252
0.15962376	1	-0.2711646	0.77560645	1	0.124	0.11
0.79620167	1	-0.1231526	0.42202421	1	0.057	0.063
0.57904871	1	0.59364809	0.15935311	1	0.124	0.157
1	1	8.11112465	0.16448785	1	0	0
0.12297297	1	0.34219478	0.15366075	1	0.048	0.055
0.83329761	1	-0.3794362	0.26030844	1	0.019	0.079
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.15861868	1	-0.2306526	0.88975195	1	0.029	0.039
0.24499318	1	-0.9436014	0.10236592	1	0.114	0.126
0.63860468	1	-0.0884745	0.98906857	1	0.21	0.181
0.9407021	1	-0.1639594	0.70266728	1	0.086	0.087
0.01390444	1	0.21578946	0.19551534	1	0.457	0.457
0.16745907	1	-0.0465426	1	1	0	0.008
0.00795307	1	0.33960018	0.13302524	1	0.362	0.465
0.01026845	1	-0.0969247	0.90263211	1	0.086	0.087
0.05878331	1	-0.2922118	0.95983023	1	0.057	0.063
0.50234742	1	0.08772899	0.7062322	1	0.019	0.024
0.07546922	1	0.64535708	0.35443662	1	0.095	0.024
0.98042901	1	-0.2112194	0.40044625	1	0.105	0.118
0.04111376	1	0.46362784	0.02895363	1	0.686	0.559
0.21141637	1	-1.2593771	0.62618056	1	0	0
0.63792001	1	0.3065818	0.98633536	1	0.01	0.008
0.64367666	1	1.20527992	0.33366442	1	0.029	0.008
0.50113769	1	-0.221847	0.41627159	1	0.143	0.11
0.20918615	1	0.44558651	0.11818631	1	0.21	0.213
0.39358374	1	0.20722922	0.20943524	1	0.076	0.213
0.22260686	1	0.03649847	0.6272745	1	0.219	0.11
0.47413309	1	1.09554856	0.33366442	1	0.01	0
0.35080458	1	-0.1114302	0.73894927	1	0.476	0.441
0.12923225	1	-0.1267482	0.60357075	1	0.067	0.102
0.38545529	1	-0.7547359	0.03561306	1	0.2	0.134
0.15234261	1	0.1534728	0.4777304	1	0.543	0.52
0.73779106	1	-0.3734429	0.77665609	1	0.305	0.283
0.01597693	1	0.16669677	0.37882966	1	0.6	0.606
1	1	-0.0465426	1	1	0	0
0.07085424	1	-0.2027001	0.86302319	1	0.01	0.031
0.01621721	1	9.02148528	0.16448785	1	0	0.024
0.0100283	1	0.30590272	0.0805497	1	0.419	0.449
0.00034321	1	-0.3985664	0.46379099	1	0.086	0.063
0.60379415	1	-0.0334659	0.68076699	1	0.162	0.134

0.95619495	1	-0.6688267	0.53146512	1	0.038	0.031
0.09430068	1	0.10465277	0.33070574	1	0.229	0.197
0.84408382	1	-0.2308522	0.70535939	1	0.01	0.024
0.01618115	1	0.32047394	0.00556016	1	0.714	0.63
0.93806326	1	-0.7483522	0.47364539	1	0.086	0.055
0.11305978	1	1.81793577	0.00876407	1	0.019	0.063
0.55495851	1	0.48636107	0.16156233	1	0.238	0.252
0.21141637	1	-9.1390237	0.07816392	1	0	0
0.73288957	1	0.38346029	0.49384822	1	0.114	0.134
0.51763401	1	-1.422918	0.93640387	1	0.048	0.031
0.7618558	1	0.44723716	0.31502765	1	0.01	0.016
0.17351675	1	1.09589254	0.07938806	1	0	0.039
0.64367666	1	0.39800014	0.19292413	1	0.01	0.008
0.25120058	1	-0.7062402	0.96758072	1	0.124	0.087
0.63444546	1	-0.3557231	0.76763573	1	0.01	0.055
0.32966456	1	-0.236043	0.19272333	1	0.467	0.425
0.95884623	1	0.05011874	0.51640435	1	0.143	0.15
0.30884832	1	-8.701982	0.15105729	1	0	0
0.54191664	1	0.32180012	0.46828627	1	0.019	0.031
1	1	-0.0465426	1	1	0.01	0
0.01581966	1	0.2247829	0.35301689	1	0.057	0.079
0.50624243	1	-0.8265918	0.16115274	1	0.21	0.15
0.59408181	1	-0.1534974	0.92681082	1	0.19	0.213
0.33076612	1	-0.5926665	0.02380734	1	0.267	0.213
0.22652066	1	-0.5978529	0.32482472	1	0.01	0.024
0.79445119	1	-0.7406698	0.74394025	1	0.057	0.016
1	1	-0.0465426	1	1	0	0
0.29559773	1	0.6178876	0.12582024	1	0.067	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.5470445	0.32710281	1	0	0
0.26498467	1	0.5112472	0.00863422	1	0.076	0.102
0.00916213	1	0.16317806	0.10302213	1	0.324	0.323
0.66103523	1	-0.6976196	0.09493448	1	0.229	0.252
0.25053331	1	-0.6704867	0.50978745	1	0.067	0.142
0.47413309	1	-7.6104449	0.31142884	1	0	0
0.01419115	1	0.03771736	0.46697955	1	0.486	0.598
0.35383103	1	-0.0133122	0.65378862	1	0.181	0.142
0.48345146	1	0.1150489	0.7075991	1	0.029	0.024
0.38083805	1	-0.5108109	0.39189669	1	0.086	0.047
0.03744272	1	-0.0408562	0.77639348	1	0.333	0.378
4.71E-07	0.0130006	0.23927232	0.01708061	1	0.829	0.843
0.64367666	1	1.40304336	0.11067966	1	0.01	0.008

0.63792001	1	3.73384477	0.32963505	1	0	0.008
1	1	8.61007686	0.16448785	1	0	0
0.86197704	1	0.12200557	0.36849209	1	0.124	0.142
0.63792001	1	1.82430486	0.19168897	1	0.01	0.008
0.21141637	1	-2.0399034	0.30231602	1	0.01	0
0.05458447	1	0.8817849	0.19362897	1	0	0
0.67190859	1	-0.5041774	0.86850952	1	0.029	0.055
0.15243649	1	-0.7635041	0.1877563	1	0.095	0.087
0.02025725	1	-0.2276086	0.66052502	1	0.029	0.016
0.12775543	1	-0.1995521	0.64938692	1	0.105	0.118
0.1537971	1	-0.0428456	0.66876077	1	0.124	0.165
0.19852148	1	0.0947196	0.51075885	1	0.019	0.031
0.06780186	1	0.19370105	0.40332801	1	0.133	0.079
0.98653966	1	-0.5210918	0.37989282	1	0.086	0.11
0.19133271	1	-1.2742749	0.08823883	1	0.048	0.016
0.88412205	1	-1.0002776	0.15909816	1	0.095	0.126
0.26680846	1	0.77812114	0.81646444	1	0.01	0.008
0.12447647	1	-1.032827	0.57703128	1	0.038	0.031
0.76846275	1	-1.5929228	0.23585479	1	0.01	0.016
0.63792001	1	1.55099828	0.33366442	1	0	0.008
0.10654643	1	0.46447171	0.16442065	1	0.095	0.031
0.48214943	1	0.48650138	0.55083424	1	0.057	0.087
0.03593038	1	-0.0740446	0.42583297	1	0.124	0.228
0.5661051	1	-0.1822376	0.94462752	1	0.076	0.016
0.30884832	1	-0.1636533	0.68635085	1	0.019	0
0.85683243	1	-0.5507141	0.51641253	1	0.048	0.094
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.9620779	0.31142884	1	0	0
0.00348363	1	0.30937716	0.34336404	1	0.076	0.063
0.47413309	1	-0.2611555	0.98178118	1	0	0
0.30884832	1	-2.6385974	0.9693467	1	0	0
2.02E-05	0.55636609	0.28782952	0.0623587	1	0.362	0.48
0.13751714	1	-0.2366799	0.99482473	1	0.286	0.283
0.93575599	1	0.00779697	0.81202469	1	0.171	0.11
1	1	-0.0465426	1	1	0	0
0.54854192	1	-0.0503223	0.26366588	1	0.276	0.236
0.20280181	1	-0.2627382	0.9824397	1	0.143	0.134
0.48922163	1	-0.3721798	0.56169736	1	0.143	0.181
0.84250901	1	-0.2157574	0.16733427	1	0.533	0.551
0.75283967	1	0.10520983	0.79976803	1	0.171	0.189
0.35536303	1	-0.004902	0.98303252	1	0.057	0.079
0.31505659	1	-0.106486	0.69165642	1	0.457	0.48
0.07824069	1	-0.8946976	0.1510087	1	0.01	0.016

0.76969987	1	-2.1567054	0.08450098	1	0.038	0.024
0.21130819	1	0.17322908	0.40330553	1	0.133	0.126
0.10515746	1	-0.0765395	0.73558184	1	0.667	0.646
0.28845608	1	-0.188386	0.89871001	1	0.086	0.094
0.00013724	1	0.07418823	0.63520195	1	0.314	0.409
0.59774071	1	0.2923249	0.20390656	1	0.01	0.039
0.71136358	1	0.37588508	0.3404087	1	0.124	0.063
0.30884832	1	-0.5631058	0.54567368	1	0.01	0
0.82558776	1	0.32701681	0.24797352	1	0.086	0.055
0.65072233	1	-0.0398819	0.37964478	1	0	0.031
1	1	-0.0465426	1	1	0	0
0.00555886	1	-0.3097279	0.94509462	1	0.076	0.063
0.04495419	1	-0.1471251	0.553329	1	0.029	0.031
0.80315438	1	-0.4100737	0.79449921	1	0.048	0.087
1	1	-0.0465426	1	1	0	0
0.25207787	1	0.14723132	0.94183824	1	0.057	0.039
0.47413309	1	-1.3945933	0.98178118	1	0	0
0.00129915	1	0.13159846	0.19718096	1	0.829	0.811
0.00273338	1	0.62396949	0.0462519	1	0.143	0.181
0.07692168	1	-0.1479306	0.7797951	1	0.105	0.047
0.90602063	1	-0.6605731	0.72306234	1	0.038	0.031
0.79051383	1	-3.6464757	0.29853994	1	0.019	0.016
0.44121196	1	-0.382117	0.24891145	1	0.238	0.276
0.19371732	1	-1.1525823	0.50974607	1	0.038	0.008
0.2518033	1	-0.2167946	0.97466532	1	0.095	0.102
0.41782464	1	1.69776046	0.13884648	1	0.048	0.024
1	1	-0.0465426	1	1	0	0
0.05012925	1	7.53752718	0.16448785	1	0	0.016
0.97114286	1	-8.6704514	0.15105729	1	0	0.008
0.00188813	1	0.19289043	0.20685414	1	0.152	0.213
0.1575377	1	-0.0277243	0.99956788	1	0.076	0.079
0.00523762	1	0.45321789	0.02750424	1	0.305	0.244
0.67573995	1	0.19718364	0.37786086	1	0.305	0.276
1.45E-06	0.03995272	0.13941495	0.07705546	1	0.952	0.961
0.25207787	1	-0.8466492	0.28242638	1	0.038	0.039
0.66689601	1	-0.3834101	0.89381875	1	0.257	0.213
0.16745907	1	9.46741052	0.08811101	1	0	0.008
0.477585	1	-0.074731	0.79279836	1	0.124	0.142
1	1	7.19329602	0.32710281	1	0	0
0.42051315	1	-0.4228324	0.96568352	1	0	0.024
0.51003251	1	-8.7267294	0.15105729	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.30884832	1	0.96890136	0.4338148	1	0.019	0
0.49402556	1	-0.2897633	0.28335598	1	0.381	0.409
0.78265522	1	1.13547945	0.09367246	1	0.01	0.016
0.0916446	1	-0.6005558	0.20363935	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.3324334	1	-0.549344	0.12140936	1	0	0.016
0.23465946	1	-1.439887	0.12580045	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.19908908	1	-0.1464385	0.42345506	1	0.067	0.079
0.47413309	1	-8.7678217	0.31142884	1	0	0
0.47413309	1	-8.2411557	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1918929	0.31142884	1	0	0
0.44615054	1	0.9530796	0.1410328	1	0.01	0.016
0.58242171	1	-0.5364652	0.376473	1	0.067	0.079
0.96089352	1	0.9324788	0.38651714	1	0.029	0.016
0.47413309	1	-7.8453729	0.31142884	1	0	0
0.78992944	1	0.21554596	0.2681097	1	0.19	0.26
1	1	-0.0465426	1	1	0	0
0.33691953	1	0.0084765	0.50236127	1	0.143	0.22
0.00221106	1	0.20407056	0.36396987	1	0.619	0.63
0.47413309	1	-0.1539639	0.98178118	1	0	0
0.62991708	1	0.18182831	0.23041653	1	0.286	0.165
0.93440001	1	-2.2606608	0.28252719	1	0.038	0.024
1	1	-0.0465426	1	1	0	0
0.41782464	1	-0.3014951	0.74858491	1	0.038	0.024
0.5063762	1	-1.8245052	0.97257202	1	0.019	0.016
0.47413309	1	1.0141641	0.58351143	1	0	0
0.10707145	1	1.6341054	0.00355556	1	0.048	0.063
1	1	-0.0465426	1	1	0	0
0.27594221	1	-0.9732134	0.23198922	1	0.019	0.118
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.84124	0.31142884	1	0	0
0.63792001	1	0.64291544	0.58351143	1	0	0.008
1	1	9.57043522	0.04861576	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.14018348	1	-1.2496797	0.35961828	1	0.048	0.031
0.35298704	1	-0.0076411	0.51111908	1	0.067	0.047
1	1	5.59954361	0.32710281	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.92787775	0.32710281	1	0	0.008

0.35132939	1	0.26208077	0.20985934	1	0.067	0.047
0.63792001	1	3.0555889	0.18923611	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.218204	1	0.153662	0.79069052	1	0.143	0.213
1	1	-0.0465426	1	1	0	0
0.77873416	1	0.43717681	0.97359938	1	0	0.016
0.00297319	1	0.03235667	0.90601508	1	0.114	0.22
0.00744648	1	-0.2294385	0.98073817	1	0.067	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.18951898	1	0.59954358	0.00336945	1	0.105	0.339
0.47413309	1	0.83086697	0.03759635	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.80045213	1	0.49105116	0.33864553	1	0	0.024
0.56883881	1	0.89297306	0.16129247	1	0.143	0.102
0.42148634	1	0.34895872	0.83586382	1	0.038	0.039
0.97114286	1	-1.9625934	0.54567368	1	0	0.008
0.68243169	1	1.29565173	0.05495896	1	0	0.031
0.67794263	1	0.45605464	0.32923637	1	0.029	0.063
1	1	9.2828323	0.04861576	1	0	0
0.96183197	1	0.61260726	0.46680941	1	0	0.024
0.23702241	1	-2.7449977	0.01491643	1	0.029	0.024
0.66851624	1	-0.4932151	0.32398764	1	0.162	0.181
0.16660536	1	-0.8837276	0.05377898	1	0.152	0.11
0.78643232	1	-1.9261569	0.3239741	1	0.01	0.024
0.47413309	1	-1.2683488	0.98178118	1	0.01	0
0.15138426	1	-0.3718054	0.72959504	1	0.01	0.071
0.98163398	1	-0.4263691	0.97579778	1	0	0.008
0.80691825	1	0.64879259	0.31938623	1	0.067	0.055
0.63546533	1	-0.5627657	0.95534075	1	0.01	0.024
0.20843866	1	-0.2319179	0.98436447	1	0.305	0.276
5.51E-05	1	-0.0444524	0.36632079	1	0.467	0.583
0.21922148	1	-0.6128329	0.97257202	1	0.01	0.024
1	1	8.57863966	0.32710281	1	0	0
0.15693575	1	-1.2219771	0.0236699	1	0.048	0.039
0.00225562	1	0.18575281	0.09734496	1	0.714	0.669
0.71202216	1	-0.8716829	0.70793477	1	0.038	0.031
0.16520933	1	0.582936	0.39026484	1	0.086	0.087
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.45693993	1	-0.6530677	0.3535268	1	0.029	0.039
0.09200875	1	-0.0599005	0.73930489	1	0.019	0.039

0.13191294	1	-0.0735714	0.57032172	1	0.314	0.244
1	1	4.62806907	0.32710281	1	0	0
0.78658181	1	0.54187617	0.97623862	1	0	0.016
0.47413309	1	-6.5026591	0.31142884	1	0	0
0.02271069	1	0.04363401	0.3099834	1	0.314	0.346
0.26719445	1	1.37633634	0.02997568	1	0	0.063
0.47413309	1	-7.2471179	0.31142884	1	0	0
0.60226747	1	-0.0977146	0.75296898	1	0.181	0.205
0.88816751	1	-0.2387176	0.21396122	1	0.676	0.472
0.94512154	1	-0.0997697	0.88650328	1	0.067	0.102
1	1	7.53546762	0.16448785	1	0	0
0.73394927	1	-0.2872054	0.48514314	1	0.267	0.244
0.30884832	1	-1.6643483	0.54257632	1	0.01	0
0.5063762	1	-0.9755674	0.54567368	1	0.01	0.016
0.33754266	1	1.31914837	0.11861691	1	0.076	0.031
0.64367666	1	0.68312	0.33569097	1	0	0.008
0.18639117	1	0.1490411	0.40305406	1	0.095	0.181
0.63792001	1	0.83420995	0.98633536	1	0.01	0.008
0.07798979	1	0.38076609	0.56357757	1	0.029	0.031
0.03076917	1	-0.8484034	0.20328641	1	0.095	0.094
0.18219021	1	-0.5275835	0.06444602	1	0.457	0.417
0.43566231	1	0.08571764	0.93900689	1	0.086	0.039
0.36601094	1	-0.3893619	0.88133852	1	0.038	0.031
1	1	8.39782146	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	6.82377064	0.32710281	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.0723463	1	0.58569046	0.19864346	1	0.029	0.008
0.47413309	1	0.62527876	0.98633536	1	0.01	0
0.34370675	1	-0.3553428	0.95991711	1	0.019	0.031
0.97114286	1	-1.4041909	0.54257632	1	0	0.008
0.00155587	1	-0.243373	0.49155519	1	0.029	0.055
0.06171513	1	-0.438275	0.09233877	1	0.19	0.118
0.71372174	1	0.24634415	0.29623004	1	0.152	0.15
0.02271114	1	0.37938976	0.21970481	1	0.257	0.283
0.36373785	1	-1.1303667	0.44150208	1	0.019	0.008
0.00080728	1	-0.7499857	0.22062224	1	0.067	0.024
0.60757876	1	-0.5065363	0.35297363	1	0.057	0.087
0.50172925	1	-1.4335478	0.78949156	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.65769169	1	-0.1703626	0.75403518	1	0.19	0.142
0.59643721	1	-0.653817	0.37049528	1	0.019	0.024

0.03639578	1	-1.8208551	0.01207135	1	0.01	0.024
0.51003251	1	-8.3088679	0.15105729	1	0.01	0.016
1	1	7.09017531	0.32710281	1	0	0
0.25056748	1	0.17141281	0.44687528	1	0.048	0.063
0.22502458	1	0.15095827	0.68368941	1	0	0.024
0.2028916	1	-0.6430469	0.42012162	1	0.01	0.016
0.85361558	1	-0.7516879	0.24073833	1	0.019	0.024
0.47413309	1	-0.4171924	0.98178118	1	0	0
0.47413309	1	-7.8662189	0.31142884	1	0.01	0
0.97638791	1	0.7048247	0.27827652	1	0.01	0.008
0.18214106	1	0.56431763	0.55990306	1	0	0.039
1	1	9.95685696	0.02728712	1	0.01	0
0.68243169	1	-0.1485283	0.64567956	1	0.038	0.031
2.41E-10	6.65E-06	-0.4213274	0.24500958	1	0.124	0.11
0.29239212	1	-0.4830493	0.56092081	1	0.086	0.071
0.54207472	1	0.05835973	0.45277513	1	0.067	0.094
0.20518196	1	-0.065389	0.76817273	1	0.105	0.079
0.09319611	1	0.66173052	0.2742181	1	0.01	0.031
0.16745907	1	8.09613027	0.32710281	1	0	0.008
0.62967293	1	-0.7312949	0.14717268	1	0.076	0.055
0.50825689	1	0.11449584	0.77907649	1	0.01	0.008
0.97638791	1	-0.4941187	0.97579778	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	7.64616642	0.32710281	1	0.01	0.008
0.73887073	1	-2.0179427	0.43810161	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.25437814	1	0.24023494	0.51665118	1	0.124	0.071
0.97638791	1	-0.4229917	0.44359701	1	0.01	0.008
0.71202216	1	-1.830505	0.28741112	1	0.019	0.031
0.13726023	1	0.02501342	0.61572116	1	0.067	0.165
1	1	-0.0465426	1	1	0	0
0.26762957	1	-0.4379996	0.76141352	1	0	0.031
0.51003251	1	-1.6390868	0.54257632	1	0.019	0.016
1	1	8.10587956	0.32710281	1	0	0
0.95717252	1	0.60654628	0.12332955	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.1110279	0.31142884	1	0	0
0.08304209	1	-0.0264976	0.78246439	1	0.238	0.362
1	1	-0.0465426	1	1	0.01	0
0.71652345	1	-1.1736844	0.14256327	1	0.095	0.063
0.6323814	1	0.09964695	0.77907649	1	0.048	0.024
0.64367666	1	-8.049686	0.31142884	1	0	0.008

0.64367666	1	-8.9044084	0.31142884	1	0	0.008
0.78643232	1	-1.4608928	0.70616438	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.76459413	1	0.15911511	0.84610764	1	0.2	0.228
0.67190859	1	-0.1710944	0.70470673	1	0.086	0.055
0.47413309	1	-7.2885347	0.31142884	1	0	0
0.44313541	1	-0.2211562	0.92255682	1	0.124	0.094
0.8664308	1	0.15052087	0.50964991	1	0.095	0.079
0.59884751	1	1.04006824	0.15469514	1	0.01	0.024
0.23507265	1	-0.3978383	0.8282738	1	0.2	0.205
0.47413309	1	-7.8562391	0.31142884	1	0	0
0.00054136	1	-0.5667852	0.26257506	1	0.162	0.213
0.08184884	1	-0.1386678	0.93711637	1	0.057	0.016
0.06729106	1	-0.5234582	0.30505638	1	0.124	0.102
1	1	-0.0465426	1	1	0	0
0.10536053	1	-3.4418051	0.23104175	1	0	0
0.51053972	1	0.42360595	0.49752477	1	0.124	0.071
0.0507715	1	-0.0281884	0.81789432	1	0.133	0.094
0.90852668	1	-0.0534869	0.77491492	1	0.229	0.205
0.8087409	1	-0.0830889	0.60283007	1	0.01	0.039
0.37166242	1	-0.2393268	0.78540479	1	0.038	0.055
1	1	-0.0465426	1	1	0	0
0.67059728	1	0.09734344	0.99099366	1	0.543	0.583
0.00407695	1	-0.5681225	0.46575264	1	0.057	0.031
0.74753222	1	-0.0125605	0.79726615	1	0.133	0.142
1	1	6.41031691	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.67182819	1	0.00399021	0.65463843	1	0.057	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	0.59889135	0.68103189	1	0.01	0.008
0.06427097	1	-0.5066742	0.013376	1	0.352	0.315
0.54810945	1	0.38851015	0.06285213	1	0.095	0.071
0.21141637	1	-1.9439718	0.30042403	1	0	0
0.50777235	1	0.71556926	0.30979639	1	0.067	0.031
0.47413309	1	0.32345677	0.58671897	1	0	0
0.96568895	1	-0.0279849	0.35694344	1	0.038	0.055

1	1	-0.0465426	1	1	0	0
0.79051383	1	-0.5514752	0.7416214	1	0.067	0.016
0.47413309	1	-6.8952857	0.31142884	1	0	0
0.65945607	1	-0.7590329	0.07926033	1	0.095	0.181
0.5966701	1	-0.0687487	0.53342745	1	0.305	0.268
0.09808825	1	-0.2307235	0.7733757	1	0.21	0.236
0.25759727	1	-0.1605365	0.94650168	1	0.01	0.008
0.33465407	1	0.21249784	0.82724876	1	0.133	0.189
5.26E-07	0.01452303	-0.3165801	0.08559299	1	0.429	0.315
0.00185548	1	-1.1928714	0.00013173	1	0.076	0.142
0.70023339	1	-1.5622211	0.95777103	1	0.01	0.008
0.64629089	1	-0.2357303	0.81051849	1	0.2	0.205
0.44818946	1	0.42817596	0.33020065	1	0.105	0.063
1	1	-0.0465426	1	1	0.01	0
1	1	10.3623343	0.02728712	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.57241864	0.32710281	1	0	0.008
0.83130832	1	-0.5093754	0.34610911	1	0.105	0.087
0.73887073	1	-1.1559409	0.44663102	1	0	0.016
0.03256761	1	-0.3951246	0.30996127	1	0.029	0.047
0.14165991	1	-0.4001576	0.385741	1	0.095	0.079
1	1	-0.0465426	1	1	0	0
0.70023339	1	0.86679193	0.50340362	1	0.019	0.008
0.00844026	1	-0.7011229	0.07021044	1	0.305	0.465
0.35160081	1	-0.0942889	0.86324449	1	0.21	0.126
0.0723463	1	-0.236122	0.76086631	1	0.057	0.008
0.85785335	1	-0.8138436	0.05306359	1	0.114	0.126
0.55848065	1	0.20347963	0.92824626	1	0.029	0.039
0.50337986	1	0.55949234	0.07682965	1	0.105	0.165
0.01624645	1	0.21778138	0.21465263	1	0.038	0.079
0.13966258	1	0.66904395	0.10900149	1	0.019	0.024
0.41771779	1	0.11489807	0.42892687	1	0.133	0.094
0.62073596	1	-1.7660011	0.35145259	1	0.029	0.024
0.4438687	1	-1.9107643	0.08450098	1	0.029	0.016
0.0485923	1	-0.1396712	0.25599632	1	0.038	0.079
1.68E-06	0.04629392	-0.5972679	0.28511035	1	0.029	0.055
0.00788255	1	0.12423538	0.69055828	1	0.076	0.039
0.8009222	1	0.96776737	0.32143617	1	0.105	0.102
0.03770375	1	-0.1249923	0.58247148	1	0.171	0.063
0.32708334	1	-1.3770745	0.2175511	1	0.029	0.031
0.86555562	1	0.09762246	0.96803332	1	0.238	0.22
0.24391489	1	-0.6626432	0.14717268	1	0.057	0.039
0.30884832	1	0.18388369	0.97579778	1	0.01	0

0.30884832	1	-1.6954479	0.54567368	1	0.01	0
0.01423373	1	-0.0948403	0.97579778	1	0	0.047
0.08614336	1	0.73098506	0.60478895	1	0.105	0.102
0.66789727	1	-0.2264139	0.58981064	1	0.105	0.142
0.02966151	1	0.27326303	0.6301655	1	0.076	0.055
4.62E-05	1	-0.1379653	0.85751456	1	0.048	0.087
0.00395909	1	-1.0436167	0.07339591	1	0.038	0.024
0.53962479	1	1.06746253	0.00398649	1	0.238	0.244
0.1536073	1	-0.0895998	0.55386441	1	0.229	0.181
0.13412358	1	-0.1273445	0.89529005	1	0.019	0.031
0.01829279	1	-0.237712	0.77602665	1	0.133	0.126
0.42105403	1	0.41920784	0.25771907	1	0.114	0.11
0.01199368	1	0.0708934	0.64070306	1	0.076	0.094
0.09082714	1	-0.1330135	0.99743883	1	0.057	0.039
0.00787426	1	-0.0152922	0.58228822	1	0.038	0.071
0.00021823	1	-0.208218	0.54151866	1	0.019	0.031
1.15E-05	0.3180972	-0.4136917	0.24689358	1	0.048	0.087
0.0022481	1	-0.0013985	0.47332327	1	0.076	0.055
2.24E-08	0.00061686	-0.1800931	0.42576777	1	0.048	0.055
0.59616883	1	0.49645274	0.51787623	1	0.105	0.047
0.4988305	1	0.06244899	0.647874	1	0.105	0.11
0.33879871	1	0.42246305	0.40270739	1	0.124	0.118
0.1090755	1	-0.4687696	0.86845412	1	0.095	0.047
0.06800962	1	0.50730191	0.25585216	1	0.029	0.063
0.20242984	1	0.35373686	0.15697852	1	0.162	0.165
0.042136	1	-1.0152151	0.1331327	1	0	0.008
0.36988054	1	0.02541662	0.40721413	1	0.238	0.181
0.00208112	1	-0.5186998	0.18744438	1	0.162	0.118
0.00560055	1	-1.1460124	0.08713587	1	0.038	0.039
0.18456801	1	-0.0789495	0.86842504	1	0.057	0.094
0.56773044	1	-0.0058032	0.91053385	1	0.019	0.039
0.52849069	1	-0.012224	0.87301842	1	0.057	0.142
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.5885495	0.15105729	1	0	0
0.3775765	1	-0.4209358	0.752268	1	0.048	0.024
0.05458447	1	-1.1237515	0.50974607	1	0	0
0.16749866	1	0.10510475	0.32365999	1	0.086	0.157
0.12476126	1	0.69310854	0.00362351	1	0.2	0.118
0.21272844	1	-0.5533394	0.59515681	1	0.057	0.094
0.01558266	1	0.65721109	0.55471664	1	0.029	0.063
1	1	-0.0465426	1	1	0	0
0.43126604	1	0.48832894	0.13381753	1	0.067	0.055
0.10536053	1	1.17291894	0.58491352	1	0.029	0

0.94636653	1	-0.3941848	0.42587551	1	0.076	0.039
0.32701964	1	0.21272576	0.53961326	1	0.029	0.016
0.79968687	1	0.20405966	0.31984152	1	0.019	0.047
0.43466758	1	0.24579872	0.94021721	1	0.029	0.031
0.47413309	1	-0.166344	0.58671897	1	0.01	0
0.47413309	1	0.50064988	0.58671897	1	0	0
0.37589796	1	0.7724615	0.19064525	1	0.067	0.102
0.30884832	1	-1.3545	0.54257632	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.70863417	1	0.05839428	0.70374964	1	0.171	0.142
1	1	-0.0465426	1	1	0	0
1	1	7.13407732	0.32710281	1	0	0
0.00417963	1	0.21358964	0.0751743	1	0.39	0.409
0.23702241	1	-1.0615828	0.21117105	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.64786394	1	0.63543744	0.76043012	1	0.048	0.024
0.62318936	1	-0.2780989	0.7377788	1	0.01	0.024
0.47413309	1	-8.4934072	0.31142884	1	0	0
0.63799696	1	-0.0441047	0.95021058	1	0.029	0.024
0.00707216	1	-0.3298415	0.45939444	1	0.086	0.063
0.44478249	1	-0.2443018	0.47349318	1	0.19	0.181
0.17941123	1	-0.2768518	0.55653843	1	0.019	0.055
0.48757606	1	0.28448919	0.90295589	1	0.029	0.071
0.03827663	1	0.05705804	0.52245923	1	0.267	0.197
0.0142244	1	0.589622	0.24728932	1	0.305	0.37
1	1	4.64722057	0.32710281	1	0.01	0
0.31741781	1	-0.6128399	0.45040869	1	0.086	0.024
0.00242809	1	-0.1707224	0.80057777	1	0.095	0.008
1	1	-0.0465426	1	1	0	0
0.00036525	1	-1.2711949	0.02183527	1	0.048	0
0.07028795	1	-0.1293853	0.92212067	1	0.019	0.063
0.00707232	1	0.62581171	0.01019787	1	0.057	0.087
0.01621721	1	10.6081528	0.00885195	1	0.038	0.024
1	1	-0.0465426	1	1	0.01	0
0.13420684	1	-0.1666278	0.803316	1	0.229	0.213
0.01621721	1	6.54921854	0.32710281	1	0.019	0.024
0.30884832	1	-7.7406325	0.15105729	1	0	0
0.69601219	1	-9.9687587	0.07816392	1	0.029	0.008
0.52906825	1	-0.8247067	0.22081369	1	0.2	0.11
0.43480824	1	-0.7469384	0.93211551	1	0.01	0.016

0.06927557	1	0.16083658	0.76358629	1	0.429	0.504
6.42E-05	1	0.17252447	0.20859625	1	0.314	0.213
4.63E-08	0.00127645	-0.1846867	0.54708669	1	0.219	0.189
0.98163398	1	0.32674223	0.97902395	1	0	0.008
0.22335172	1	0.00212499	0.48306037	1	0.048	0.055
0.4525386	1	-1.1147953	0.12450051	1	0.067	0.079
0.03711339	1	3.69310958	0.03667743	1	0.01	0.039
0.74215756	1	-0.0487665	0.73692932	1	0.429	0.441
0.17191221	1	-0.4008043	0.83347335	1	0.029	0.047
0.10619531	1	-0.2430436	0.26987336	1	0.038	0.024
0.69186598	1	-0.0309859	0.68606399	1	0.143	0.102
0.1397362	1	0.41198444	0.42552968	1	0.057	0.071
0.46064191	1	0.1708822	0.74440924	1	0.248	0.22
0.63238941	1	-0.8320185	0.5472386	1	0.01	0.047
0.1132477	1	0.58598936	0.69980231	1	0.095	0.079
0.21530503	1	-0.2747713	0.70517609	1	0.2	0.283
0.52011482	1	-0.4455519	0.6993286	1	0.01	0.031
0.09429778	1	-0.7059656	0.08547086	1	0.238	0.307
0.02394868	1	0.24996078	0.08461588	1	0.352	0.457
0.64666786	1	0.05829771	0.8391517	1	0.229	0.165
0.75583725	1	-1.2428067	0.3239741	1	0.019	0.024
0.90326992	1	-0.2095578	0.28913575	1	0.029	0.031
0.08458893	1	-0.2004208	0.83131119	1	0.171	0.197
0.72228831	1	-0.1710242	0.89571111	1	0.152	0.094
0.16745907	1	-0.0465426	1	1	0	0.008
0.56482911	1	-0.6833948	0.04663845	1	0.076	0.173
0.44200554	1	-0.1686624	0.55093703	1	0.105	0.087
0.95328163	1	-1.0061306	0.33923935	1	0.029	0.063
1	1	8.26692831	0.08811101	1	0	0
0.96983887	1	0.61660698	0.04037332	1	0.086	0.102
0.14328194	1	-0.879089	0.56994012	1	0.038	0.016
0.00117053	1	-0.1425237	0.83806784	1	0.076	0.102
0.07121522	1	0.5686405	0.01405097	1	0.524	0.504
0.02283339	1	-0.4965626	0.09855876	1	0.171	0.189
0.51112914	1	0.23254696	0.19156993	1	0.257	0.283
0.07115987	1	0.13671369	0.21494242	1	0.038	0.039
0.05590596	1	0.142635	0.15889827	1	0.781	0.795
0.58670207	1	-0.1039259	0.78312088	1	0.448	0.268
0.30884832	1	-0.4792273	0.97579778	1	0.01	0
0.57052456	1	0.59258678	0.17632583	1	0.314	0.26
0.5799063	1	-0.7020594	0.14657765	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1.47E-07	0.00405644	-0.275125	0.536851	1	0.086	0.102

0.19852148	1	-2.6071194	0.95777103	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.95590252	1	0.26701761	0.54862758	1	0.114	0.15
0.93291156	1	0.5530807	0.16957771	1	0.124	0.142
0.78658181	1	0.5752847	0.33937369	1	0.019	0.016
0.00154808	1	-0.010213	0.86615819	1	0.676	0.685
1	1	-0.0465426	1	1	0	0
0.00539661	1	-0.0759335	0.75309018	1	0.086	0.11
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	7.84026543	0.32710281	1	0	0
1	1	7.66551067	0.32710281	1	0	0
0.09450016	1	-0.0197587	0.65879541	1	0.2	0.173
0.59725742	1	-0.2079924	0.45583389	1	0.2	0.228
0.05458447	1	-1.3116546	0.32518066	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.00037189	1	-0.246509	0.41327763	1	0.095	0.079
0.47413309	1	3.23010152	0.06243024	1	0.01	0
0.80410639	1	-0.8025737	0.12674665	1	0.067	0.11
1	1	-0.0465426	1	1	0	0
0.10536053	1	0.13023495	0.80499483	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.11412832	1	-1.0456916	0.03963767	1	0.029	0.024
0.01476338	1	-1.9753475	0.03536927	1	0.048	0.016
0.94658432	1	-1.053579	0.4862807	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.5063762	1	-8.5053457	0.15105729	1	0	0.016
0.08514895	1	-0.1866419	0.74864353	1	0.095	0.11
0.47507366	1	-0.3439108	0.16024277	1	0.057	0.079
0.50172925	1	0.14436494	0.67996047	1	0.019	0.008
0.10667447	1	-0.6115195	0.69707731	1	0.105	0.047
0.3667443	1	0.41228197	0.08613126	1	0.305	0.244
0.85981807	1	-0.8158953	0.13934568	1	0.029	0.094
0.64742801	1	-0.346652	0.25509448	1	0.171	0.213
0.04646304	1	0.02899872	0.78172183	1	0.162	0.197
0.01181112	1	0.15532498	0.36907638	1	0.429	0.433
0.00263637	1	0.11282031	0.0548371	1	0.143	0.362
1	1	7.40208169	0.32710281	1	0.01	0
0.13241853	1	0.11022391	0.53157771	1	0.352	0.276
0.45872748	1	-0.6668228	0.0491387	1	0.057	0.094
1	1	-0.0465426	1	1	0	0
0.14375873	1	-0.1270466	0.78498988	1	0.2	0.205
0.58134497	1	-0.4181609	0.0759246	1	0.4	0.386

0.95884737	1	0.18491531	0.96162754	1	0.038	0.031
0.32637088	1	-0.1181727	0.50618377	1	0.762	0.63
0.32701964	1	0.02631719	0.53836823	1	0.086	0.016
0.01306019	1	0.4143223	0.0437631	1	0.514	0.551
0.05205164	1	0.02901275	0.26305168	1	0.771	0.661
0.13547852	1	0.1445177	0.68100582	1	0.267	0.205
0.13535835	1	-0.1501234	0.91033318	1	0.533	0.543
0.05867849	1	-0.1166261	0.63524331	1	0.39	0.346
0.00491411	1	0.33092706	0.10437236	1	0.095	0.063
0.31519509	1	0.13650886	0.4604197	1	0.21	0.244
0.98655689	1	-0.3809752	0.12561265	1	0.333	0.378
0.00254785	1	-0.2958897	0.19088608	1	0.41	0.52
0.26172605	1	0.32285019	0.40550319	1	0.362	0.339
0.50273372	1	-0.305567	0.54877979	1	0.029	0.016
0.45431679	1	0.18796871	0.65721432	1	0.124	0.15
0.72333117	1	0.40706173	0.07667484	1	0.143	0.071
0.27985592	1	-0.1453342	0.64708107	1	0.39	0.354
0.05866084	1	0.30795399	0.16133051	1	0.381	0.37
0.00044023	1	0.53888688	0.00104315	1	0.743	0.701
0.87566556	1	-0.9385531	0.30118859	1	0.038	0.079
0.12559628	1	0.00081286	0.37754957	1	0.095	0.11
0.97114286	1	-1.5125071	0.54257632	1	0.01	0.008
0.50595163	1	-0.2332936	0.46662193	1	0.181	0.213
0.5671856	1	0.05933123	0.60326552	1	0.19	0.126
1	1	-0.0465426	1	1	0	0
0.32934938	1	-0.1351407	0.98245319	1	0.029	0.071
0.3215037	1	-0.5217219	0.2551194	1	0.162	0.102
0.71159353	1	0.10322002	0.80815289	1	0.057	0.071
1	1	-0.0465426	1	1	0	0
0.16749955	1	0.14053191	0.51638924	1	0.048	0.063
0.2561855	1	0.64665607	0.32482533	1	0.019	0.016
0.00485535	1	-0.9690559	0.00153158	1	0.076	0.102
0.72430866	1	-0.9073415	0.08571951	1	0.19	0.165
0.69180038	1	-3.1905113	0.29853994	1	0	0.008
0.49316685	1	2.11068255	0.02548654	1	0.019	0.031
0.48238033	1	-0.5945035	0.50320763	1	0.076	0.094
1	1	-0.0465426	1	1	0	0
0.48973661	1	0.68722621	0.05905121	1	0.01	0.047
0.62972332	1	-0.5914966	0.59966108	1	0.029	0.071
0.21503544	1	0.23587356	0.75214925	1	0.171	0.157
0.03620399	1	-0.6733996	0.69331672	1	0.038	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.21471085	1	0.41850275	0.56743287	1	0.067	0.071
1	1	-0.0465426	1	1	0.01	0
0.00786595	1	0.25072483	0.15740636	1	0.457	0.512
0.49255524	1	-1.1463321	0.03846237	1	0.048	0.071
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14101725	1	-1.2346429	0.11848411	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.00121785	1	0.35755289	0.14417167	1	0.038	0.118
0.18685635	1	-0.7603502	0.51581139	1	0.029	0.008
0.08826171	1	-0.2625127	0.92548747	1	0.057	0.087
0.06250257	1	-0.5357627	0.48970281	1	0	0.024
0.00352593	1	0.08775683	0.32454133	1	0.057	0.173
0.108764	1	-0.0352756	0.82395402	1	0.095	0.26
0.76636873	1	-1.2132411	0.41441366	1	0.029	0.047
0.00066241	1	0.04443748	0.62831	1	0.076	0.031
0.9244121	1	-0.2375527	0.74096805	1	0.029	0.031
0.84091157	1	-1.5338468	0.68931947	1	0	0.024
0.47824725	1	0.43557953	0.14642501	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.02300051	1	0.30990982	0.43583354	1	0.39	0.394
0.99084126	1	-0.7163897	0.10411337	1	0.2	0.173
0.00457068	1	0.07050704	0.59814149	1	0.876	0.811
1	1	7.31685737	0.32710281	1	0.01	0
0.36679785	1	0.63194107	0.15373283	1	0.019	0.102
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	0.28460262	0.98633536	1	0	0.008
0.10536053	1	-1.0618253	0.23828773	1	0	0
0.47413309	1	-9.5968723	0.31142884	1	0.01	0
0.13998636	1	-1.068845	0.3597062	1	0.019	0.008
0.68083457	1	0.39747568	0.4513615	1	0.038	0.055
9.72E-05	1	0.17043945	0.29928363	1	0.362	0.425
0.47413309	1	-8.5135699	0.31142884	1	0	0
0.05678029	1	-0.1319234	0.57993302	1	0.171	0.165
0.47863688	1	-0.4494491	0.11568145	1	0.21	0.134
1	1	-0.0465426	1	1	0	0
0.3951347	1	-1.6060846	0.1616976	1	0.038	0.024
0.11170673	1	0.8211661	0.04767497	1	0.029	0.063
0.85268521	1	0.27372311	0.25498053	1	0.067	0.063
0.56293685	1	0.25329415	0.22123776	1	0.438	0.402
0.58701625	1	-0.1949494	0.6058859	1	0.124	0.181

0.07539752	1	-0.0733515	0.9982637	1	0.486	0.457
1	1	4.64722057	0.32710281	1	0	0
0.73039032	1	0.32991117	0.03583555	1	0.257	0.268
0.49811484	1	-0.21484	0.88090972	1	0.105	0.024
0.02263523	1	0.83496516	0.03114814	1	0.2	0.26
0.94357821	1	0.24069046	0.16301132	1	0.086	0.102
1.67E-06	0.04602038	0.78866316	0.00021626	1	0.257	0.48
0.04942814	1	-0.1546704	0.1164546	1	0.829	0.78
0.05454657	1	-0.0227581	0.320137	1	0.019	0.079
0.00180741	1	-0.3014479	0.83210916	1	0.267	0.291
1	1	9.22903897	0.16448785	1	0	0
1.20E-05	0.33022344	0.07019828	0.6651225	1	0.819	0.843
0.43146974	1	0.20578258	0.90495013	1	0.086	0.11
0.00145243	1	0.29106452	0.20858874	1	0.6	0.606
0.62868281	1	-0.0982791	0.75699967	1	0.076	0.157
0.3192347	1	0.17093391	0.84008802	1	0.086	0.102
0.70447347	1	0.34824317	0.95041543	1	0.057	0.071
0.27765652	1	-0.5667381	0.06384806	1	0.171	0.165
0.47260716	1	0.07149649	0.98303344	1	0.314	0.276
0.2290566	1	0.16207062	0.45919125	1	0.543	0.488
0.44159353	1	-2.75195	0.02906413	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.1352927	1	-0.465396	0.15872153	1	0.267	0.228
0.06863554	1	-0.1795022	0.55806882	1	0.076	0.063
0.49447347	1	-0.1387038	0.7826565	1	0.114	0.094
0.00083862	1	0.23098477	0.30130948	1	0.61	0.551
1	1	-0.0465426	1	1	0	0
1	1	9.44892459	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.1215073	0.98178118	1	0	0
0.03672095	1	-0.1057766	0.93159395	1	0.095	0.087
0.16409405	1	-0.0998286	0.98843393	1	0.324	0.205
0.35119891	1	-0.1317811	0.91815894	1	0.238	0.22
0.86489661	1	0.18861035	0.65833395	1	0.019	0.031
0.41514627	1	0.17077029	0.73930489	1	0.019	0.024
0.14729078	1	-0.0414129	0.60834216	1	0.133	0.15
1	1	8.12888926	0.32710281	1	0	0
0.02333088	1	0.30141344	0.15397948	1	0.314	0.268
0.11743513	1	0.13406252	0.37317548	1	0.067	0.087
0.47413309	1	-7.7861254	0.31142884	1	0	0
0.30884832	1	-9.0070986	0.15105729	1	0.01	0
0.76414571	1	-0.5936017	0.93037925	1	0	0.024
0.97638791	1	1.12335084	0.27287433	1	0.01	0.008

1	1	-0.0465426	1	1	0	0
1	1	7.40544908	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-2.3843162	0.98178118	1	0	0.008
0.30884832	1	-8.7092062	0.15105729	1	0	0
0.11474573	1	0.44249225	0.31828061	1	0.162	0.165
0.76663596	1	0.64373608	0.0329079	1	0.048	0.079
0.00941944	1	-0.4526749	0.24921312	1	0.048	0.039
1	1	-0.0465426	1	1	0	0
1	1	7.96794987	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.3228546	0.98178118	1	0	0
0.78084345	1	-0.6898983	0.51581139	1	0.029	0.024
0.99657105	1	-0.2403621	0.41945524	1	0.057	0.134
0.12886639	1	0.2649134	0.57444483	1	0.029	0.079
0.71798875	1	0.0513036	0.56576401	1	0.133	0.102
0.36414037	1	-0.2473581	0.96639179	1	0.048	0.063
0.95114824	1	0.69299996	0.13553945	1	0.019	0.055
0.19537973	1	-0.0756761	0.44527416	1	0.343	0.291
0.1324182	1	-0.637028	0.04500504	1	0.086	0.11
0.02336697	1	-0.5823342	0.57990109	1	0.019	0.039
0.67859632	1	0.01570911	0.4177328	1	0.343	0.433
0.48973661	1	-0.8610539	0.53865372	1	0.029	0.047
0.68821749	1	0.19771359	0.0722978	1	0.581	0.528
0.41693219	1	0.0799581	0.773722	1	0.314	0.299
1	1	-0.0465426	1	1	0	0
0.64367666	1	1.51932255	0.0646179	1	0	0.008
0.02054001	1	-0.7115508	0.31229981	1	0.029	0.016
0.47208266	1	-0.0878975	0.95893009	1	0.01	0.047
0.71618993	1	-0.1945217	0.64825452	1	0.171	0.079
0.67389583	1	-0.619173	0.15106183	1	0.2	0.228
0.64367666	1	-1.2557914	0.98178118	1	0.01	0.008
0.07981795	1	-0.5377939	0.09451229	1	0.2	0.071
0.00036129	1	-0.7498143	0.03137188	1	0.076	0.15
0.10906128	1	-0.586289	0.31410047	1	0.067	0.016
0.01776268	1	-0.1600958	0.94850461	1	0.286	0.409
0.64367666	1	1.491582	0.58031208	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.1918929	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	9.14436549	0.16448785	1	0.01	0
0.47413309	1	-8.0745061	0.31142884	1	0	0
0.10536053	1	-3.3415116	0.09144775	1	0.01	0
0.52422834	1	-0.2169461	0.36002437	1	0.019	0.071
0.30884832	1	-1.4715454	0.68901619	1	0.01	0
0.98163398	1	-8.7392112	0.15105729	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.674882	1	0.02453414	0.47801248	1	0.105	0.079
0.76479834	1	-0.6419799	0.09977627	1	0.143	0.142
0.51318757	1	0.02309794	0.52945738	1	0.105	0.055
0.78322328	1	0.84161079	0.06021556	1	0.067	0.047
0.8907144	1	0.18773248	0.55510916	1	0.076	0.11
0.05277354	1	-0.0632099	0.78109361	1	0.724	0.677
0.00149782	1	0.1174042	0.27058296	1	0.771	0.756
0.97114286	1	0.43621747	0.27691919	1	0	0.008
0.98163398	1	-0.9040275	0.9693467	1	0	0.008
0.98163398	1	1.59657987	0.43187343	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.96138314	0.32710281	1	0	0
0.0755948	1	-0.3025615	0.49763263	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.49910514	1	-0.1179526	0.68368941	1	0.01	0.016
0.21141637	1	-0.71868	0.6287492	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	6.57042383	0.32710281	1	0	0
0.47413309	1	1.73420734	0.33366442	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.01621721	1	-0.0465426	1	1	0	0.024
0.16745907	1	7.93690515	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	8.873851	0.16448785	1	0.01	0
0.50498751	1	0.02685508	0.96907365	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.7983938	1	-0.2491895	0.35044805	1	0.029	0.016
0.47413309	1	-7.8098411	0.31142884	1	0	0
0.96461538	1	1.10361001	0.55990306	1	0.038	0.016

0.47413309	1	-7.6641116	0.31142884	1	0	0
2.76E-05	0.76111481	-0.424884	0.3476895	1	0.057	0.126
0.97114286	1	0.05757415	0.97579778	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.46506034	1	0.81820292	0.10840252	1	0.048	0.039
0.19402528	1	-0.4172611	0.96568352	1	0.019	0.031
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.39993717	1	-0.1510209	0.71084071	1	0.029	0.094
0.97114286	1	-0.1833151	0.97257202	1	0.01	0.008
0.0464201	1	0.06959764	0.64371811	1	0.076	0.055
0.02542153	1	0.50074414	0.01594914	1	0.371	0.567
1	1	-0.0465426	1	1	0	0
0.26650516	1	0.53196428	0.69669063	1	0.048	0.016
0.64367666	1	1.74388886	0.11067966	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.03556805	1	-1.6362739	0.54567368	1	0.01	0.039
0.43729088	1	-0.0478581	0.47702151	1	0.21	0.189
0.72141086	1	-0.0379174	0.71341112	1	0.343	0.307
0.82929664	1	-0.5933916	0.18809448	1	0.086	0.055
8.34E-05	1	0.09151875	0.59992484	1	0.029	0.016
0.11267892	1	-0.2965015	0.05586672	1	0.438	0.346
0.85699093	1	-0.4177533	0.43243124	1	0.057	0.079
1	1	-0.0465426	1	1	0	0
0.8735013	1	0.10944058	0.60240934	1	0.238	0.299
3.59E-05	0.99208013	-0.3152752	0.33020554	1	0.143	0.134
0.02117607	1	0.00831601	0.62789108	1	0.114	0.157
0.00508207	1	0.11040267	0.43559973	1	0.105	0.11
0.00884275	1	-0.3841271	0.72090572	1	0.133	0.165
0.98919687	1	0.19444267	0.89191935	1	0.181	0.213
1.44E-07	0.00397674	0.09043872	0.31387318	1	0.248	0.268
0.16745907	1	-0.0465426	1	1	0	0.008
3.33E-08	0.0009193	-0.1759963	0.35829035	1	0.152	0.173
0.50538279	1	0.71185137	0.03380314	1	0.038	0.087
0.09631018	1	-0.2768914	0.19448426	1	0.076	0.102
0.00433626	1	-0.2252283	0.67992376	1	0.086	0.11
0.00364496	1	-0.1085082	0.69322543	1	0.076	0.118
0.02469627	1	-0.0196119	0.67332157	1	0.029	0.039
0.00274524	1	0.22677254	0.39621439	1	0.019	0.118
0.00016879	1	-0.0379916	0.99209223	1	0.133	0.26
3.45E-06	0.09525089	-0.025211	0.60965551	1	0.133	0.15

2.85E-08	0.00078788	-0.3465795	0.3333194	1	0.086	0.118
0.13130284	1	-0.5717808	0.28962734	1	0.067	0.094
0.16980507	1	-0.1359324	0.98160437	1	0.076	0.087
0.24697828	1	-0.2165002	0.95170137	1	0.057	0.063
0.31295075	1	-1.5275876	0.05743377	1	0	0.024
0.00393786	1	-0.032918	0.9689493	1	0.048	0.047
0.0096251	1	0.19916641	0.63064913	1	0.095	0.102
0.43264605	1	-0.2261369	0.98802423	1	0.095	0.11
0.09065741	1	0.15973383	0.30681445	1	0.257	0.323
0.0395935	1	0.05204063	0.42328935	1	0	0
0.7563147	1	0.5118803	0.06817587	1	0.114	0.181
0.13265398	1	0.00488561	0.85057827	1	0.067	0.126
0.25069427	1	0.21740761	0.83958808	1	0.152	0.157
0.13710284	1	0.2611373	0.53007956	1	0.2	0.299
0.2671614	1	-0.5462172	0.55781327	1	0.124	0.11
0.30850937	1	-0.3553107	0.76228226	1	0.076	0.063
0.01777292	1	-0.1456575	0.87227037	1	0.114	0.102
0.90138752	1	0.81564611	0.27277074	1	0.067	0.047
0.73347557	1	1.10746824	0.02281286	1	0.076	0.079
0.00016108	1	0.09683346	0.73947833	1	0.124	0.087
0.0008849	1	-0.077826	0.47615117	1	0.095	0.102
0.0973565	1	0.19368377	0.3933058	1	0.086	0.063
2.14E-11	5.91E-07	-0.440168	0.02635953	1	0.181	0.197
0.01727378	1	0.12421432	0.47873229	1	0.057	0.142
0.55486263	1	0.43820155	0.05694474	1	0.067	0.063
0.72902919	1	0.11640544	0.50045501	1	0.495	0.472
0.02477719	1	0.22130954	0.49316924	1	0.152	0.205
0.00338103	1	-0.2257954	0.47194273	1	0.057	0.039
0.04114632	1	-0.0199435	0.62329325	1	0.048	0.063
0.10210847	1	-0.0333136	0.99463736	1	0	0.024
0.04470382	1	0.05694983	0.7508051	1	0.048	0.031
1	1	-0.0465426	1	1	0	0
1.79E-05	0.49421582	0.60949379	0.00034425	1	0.562	0.575
0.44950238	1	0.68995557	0.23287122	1	0.057	0.063
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.255076	0.31142884	1	0	0
0.69180038	1	0.65320562	0.09599984	1	0.029	0.008
0.02080809	1	-0.3465078	0.590021	1	0.19	0.165
0.3775765	1	-1.9564091	0.38766056	1	0.029	0.024
0.85998207	1	-0.620752	0.45424064	1	0.029	0.024
0.76522048	1	-0.2500673	0.89042083	1	0.219	0.228
0.17870628	1	0.10109748	0.80553744	1	0.086	0.165
0.00660952	1	0.05287225	0.37950049	1	0.505	0.504

0.42035803	1	-0.0878056	0.89158752	1	0.543	0.661
0.57892606	1	-0.3492114	0.94535991	1	0.01	0.039
0.74155897	1	-0.0653966	0.96088269	1	0.152	0.118
0.14820265	1	-1.0930426	0.66875868	1	0.01	0
0.36373785	1	0.84083225	0.30462284	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.70346363	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.4064971	0.31142884	1	0.01	0
0.23815011	1	0.00511968	0.62491454	1	0.133	0.189
0.00015064	1	0.40035316	0.0900167	1	0.514	0.52
0.43754031	1	0.32777998	0.95016106	1	0.133	0.102
1	1	-0.0465426	1	1	0	0
0.07893814	1	-1.1183732	0.41477349	1	0.076	0.039
0.30884832	1	-8.3851974	0.15105729	1	0	0
0.20455895	1	2.38291969	3.58E-06	0.09872636	0.038	0.094
0.47413309	1	0.38187167	0.58671897	1	0	0
0.47413309	1	1.08604979	0.98633536	1	0	0
0.93667386	1	-0.8439813	0.38018728	1	0.143	0.126
0.77999569	1	0.49228207	0.10970974	1	0.2	0.165
0.16745907	1	-0.0465426	1	1	0	0.008
0.25041479	1	-0.4871333	0.90474899	1	0.019	0.016
0.00149203	1	-0.1450057	0.5567186	1	0.4	0.449
0.47413309	1	-1.3929769	0.98178118	1	0	0
0.30884832	1	-8.2451518	0.15105729	1	0	0
0.69180038	1	-2.1551733	0.62105689	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.27386089	0.32710281	1	0	0
0.10536053	1	-0.3962206	0.81451524	1	0	0
0.0755948	1	-2.6724901	0.28010644	1	0	0
0.5063762	1	-1.9802614	0.9693467	1	0	0.016
0.21141637	1	-9.5417046	0.07816392	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-2.8261428	0.98178118	1	0	0
0.00238355	1	-0.2734108	0.74626143	1	0.019	0.071
0.01109117	1	-0.2089153	0.98855963	1	0.6	0.543
0.19852148	1	-0.3957714	0.96568352	1	0.029	0.031
0.67625517	1	-1.0853342	0.10109404	1	0.057	0.087
1.50E-11	4.13E-07	0.01038116	0.85210674	1	0.514	0.496
1	1	-0.0465426	1	1	0	0
0.13051307	1	0.22748169	0.06710696	1	0.076	0.094
1	1	-0.0465426	1	1	0	0
0.29458386	1	-0.4433289	0.35799125	1	0.048	0.063

0.19415081	1	0.22202704	0.5826106	1	0.229	0.244
0.03948154	1	0.06608647	0.50648067	1	0.305	0.307
0.47413309	1	-6.8952857	0.31142884	1	0	0
0.43619697	1	0.37235059	0.10497213	1	0.095	0.079
0.2262796	1	0.06212757	0.65522509	1	0.076	0.031
0.06369038	1	0.37802729	0.15378706	1	0.057	0.079
3.02E-05	0.834195	0.58112855	0.00025403	1	0.438	0.551
0.84946075	1	-0.1699225	0.28607054	1	0.21	0.307
0.0130987	1	0.25866088	0.33974033	1	0.39	0.465
0.57795801	1	-0.3043439	0.98254568	1	0.095	0.055
0.01621721	1	9.29822827	0.16448785	1	0.01	0.024
0.10952251	1	-0.4908586	0.44262065	1	0.038	0.055
0.17337849	1	-0.2265031	0.39269019	1	0.381	0.457
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.15362281	1	0.45488175	0.03122555	1	0.524	0.583
0.05947264	1	-0.6218561	0.83853796	1	0.114	0.205
1	1	5.45342005	0.32710281	1	0	0
0.32060711	1	0.02334722	0.7117906	1	0.562	0.504
0.47413309	1	-6.1332792	0.31142884	1	0	0
0.69427393	1	0.78247474	0.0061805	1	0.133	0.165
0.0299554	1	-0.6130496	0.15333097	1	0.124	0.142
0.69437286	1	-0.0067395	0.67617821	1	0.352	0.37
0.53993764	1	0.05211666	0.87319441	1	0.629	0.591
0.05012925	1	9.58460001	0.08811101	1	0.01	0.016
0.08632637	1	0.04967659	0.14341214	1	1	1
8.90E-07	0.02454987	-0.07195	0.5864993	1	0.114	0.11
0.47413309	1	-1.2737717	0.98178118	1	0.019	0
0.18599686	1	-0.2590493	0.40350462	1	0.057	0.087
0.69180038	1	-0.8403562	0.62618056	1	0	0.008
0.05012925	1	7.19329602	0.32710281	1	0	0.016
0.47413309	1	-7.3662631	0.31142884	1	0	0
0.17738017	1	0.16625405	0.65270963	1	0.2	0.283
0.61828677	1	-0.2837621	0.37049528	1	0.019	0.024
0.92372097	1	-0.3788303	0.76418673	1	0.124	0.047
0.47413309	1	-7.5563804	0.31142884	1	0	0
0.63792001	1	-7.9854122	0.31142884	1	0.01	0.008
0.08445636	1	-0.3345555	0.33569097	1	0.01	0.024
1	1	-0.0465426	1	1	0.01	0
0.47413309	1	-7.7827693	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	9.30894342	0.08811101	1	0.029	0
1	1	-0.0465426	1	1	0	0

0.97638791	1	-0.2931806	0.54877979	1	0	0.008
0.01060062	1	-0.7956137	0.80091007	1	0.019	0.024
0.43877821	1	0.8692963	0.09855674	1	0.095	0.071
0.00703951	1	-0.409259	0.52757254	1	0.01	0.016
0.7258556	1	0.1981752	0.93429178	1	0.057	0.047
0.01124277	1	-0.3820932	0.94530957	1	0	0
0.09202144	1	-0.1747915	0.57859835	1	0.095	0.11
0.10536053	1	-5.6872455	0.09144775	1	0.019	0
1	1	8.09832318	0.16448785	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
0.84992498	1	-0.4230825	0.65661682	1	0.133	0.079
0.42461585	1	0.04328478	0.56467301	1	0.067	0.094
0.00029203	1	0.00752887	0.61729535	1	0.61	0.677
0.00038219	1	0.10221944	0.3929513	1	0.781	0.732
0.81684893	1	0.13464641	0.77850528	1	0.171	0.157
0.70596001	1	0.13754666	0.43558979	1	0.219	0.189
1	1	-0.0465426	1	1	0	0
0.79850963	1	0.22951628	0.83882525	1	0.076	0.102
0.05092531	1	0.35331098	0.42752263	1	0.124	0.197
0.48345146	1	-0.8008871	0.73462022	1	0	0.024
0.29316625	1	0.28761213	0.33994133	1	0.21	0.142
0.13949994	1	0.36868944	0.93307127	1	0.095	0.031
0.97638791	1	0.31720185	0.43966909	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.51003251	1	2.33463195	0.26887006	1	0	0.016
0.14205396	1	-0.2437379	0.70103224	1	0.029	0.008
0.00226347	1	-0.2063678	0.98252137	1	0.162	0.079
0.82541262	1	0.35415795	0.43466245	1	0.038	0.055
0.24009666	1	-0.3479934	0.46716858	1	0.343	0.197
0.74214061	1	-1.4188352	0.44150208	1	0.01	0.016
0.01963523	1	-0.8953787	0.09300047	1	0.067	0.047
1	1	-0.0465426	1	1	0	0
0.91310149	1	-0.6467438	0.75118478	1	0.019	0.039
0.7983938	1	1.37977157	0.14215385	1	0.038	0.016
0.36869196	1	-0.7680588	0.44663102	1	0.01	0.008
0.44760129	1	-0.2498089	0.43030682	1	0.229	0.236
0.44159353	1	-1.1482263	0.50672747	1	0.01	0.016
0.28289076	1	-0.1107635	0.65730462	1	0.048	0.039
0.4418659	1	0.33781755	0.67127536	1	0.21	0.15
1	1	-0.0465426	1	1	0	0
0.53938691	1	-0.2410505	0.27159299	1	0.076	0.063
0.00168266	1	0.30377179	0.35322965	1	0.048	0.102
0.75855879	1	0.71424284	0.79739918	1	0.01	0.016

0.7682557	1	0.0587864	0.76477043	1	0.029	0.031
0.97114286	1	0.97470545	0.27691919	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.70002132	1	-0.1718996	0.78520157	1	0.152	0.087
0.85361558	1	1.52426349	0.09668711	1	0.029	0.024
0.70446388	1	0.90957689	0.50340362	1	0.048	0.008
0.47413309	1	-0.3798474	0.98178118	1	0	0
0.23040593	1	-0.0606171	0.93037381	1	0.038	0.031
0.22298984	1	0.15002113	0.23446605	1	0.171	0.157
0.36496846	1	0.17597254	0.70013817	1	0.038	0.039
0.30630656	1	0.18936535	0.39564104	1	0.067	0.047
0.66234681	1	0.00797529	0.77847153	1	0.114	0.047
0.47413309	1	-7.1770695	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.00071964	1	-0.0045548	0.67730527	1	0.114	0.071
0.00973174	1	0.23736337	0.27250871	1	0.038	0.031
0.0004049	1	0.53461202	0.00615163	1	0.59	0.559
0.16745907	1	-0.0465426	1	1	0	0.008
0.146584	1	0.19074062	0.90737554	1	0.029	0.024
0.23385587	1	3.21819552	0.32963505	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.469691	1	-0.20249	0.70329197	1	0.362	0.291
0.43362049	1	0.15668059	0.82350642	1	0.019	0.039
0.53585917	1	0.48625765	0.22915725	1	0.057	0.047
0.10653677	1	0.72218243	0.08526321	1	0.143	0.165
0.00367509	1	-0.4391831	0.36913913	1	0.133	0.228
0.06832358	1	0.25819443	0.21291856	1	0.086	0.087
0.84017756	1	-0.8376006	0.44792494	1	0.029	0.055
0.64545576	1	0.67153239	0.39921931	1	0.057	0.024
0.0723463	1	-0.1621791	0.92748253	1	0.01	0.008
0.94172311	1	0.48041007	0.18226338	1	0.248	0.197
0.18824569	1	-0.2872648	0.27253993	1	0.305	0.354
0.64940672	1	-0.0953673	0.7160366	1	0.467	0.543
0.31504588	1	-0.2261152	0.84743857	1	0.114	0.079
1	1	-0.0465426	1	1	0	0
0.37536251	1	0.05032744	0.64376286	1	0.371	0.409
0.00142167	1	0.0895747	0.85366418	1	0.095	0.047
0.39173346	1	-0.9999916	0.22076154	1	0.038	0.071
0.00560822	1	0.26554817	0.5475596	1	0.314	0.417
0.16617931	1	-0.2021526	0.45888754	1	0.114	0.087
0.02259315	1	0.80601249	0.14167685	1	0.171	0.181

0.58199912	1	0.4407977	0.42792221	1	0.019	0.071
0.18957888	1	-2.5845259	0.08161187	1	0	0.008
0.38886582	1	0.12028161	0.94408363	1	0.124	0.142
0.51841232	1	1.41358895	0.00167025	1	0.019	0.031
0.81056649	1	-0.1530949	0.27003044	1	0.295	0.354
0.69045583	1	-3.6339995	0.0520197	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.17681932	1	0.02989789	0.55996002	1	0.21	0.283
0.30884832	1	-8.6762604	0.15105729	1	0	0
0.17674231	1	0.32733581	0.09744083	1	0.438	0.433
0.59654574	1	-0.1041222	0.74237693	1	0.038	0.094
0.6323814	1	1.15687937	0.07830874	1	0	0.024
0.37912039	1	-0.3437999	0.51282966	1	0.286	0.22
0.12700857	1	-0.141374	0.44557419	1	0.2	0.173
0.70660813	1	-0.366	0.71342404	1	0	0.031
0.17443427	1	0.13183574	0.76475421	1	0.048	0.024
0.47413309	1	-8.7593625	0.31142884	1	0	0
0.30884832	1	-8.551724	0.15105729	1	0	0
0.30221213	1	0.06109064	0.83879873	1	0.4	0.346
0.93361575	1	-0.5478185	0.61305871	1	0.114	0.079
0.16599667	1	0.78321963	0.05556047	1	0.276	0.22
0.99540131	1	-0.5090857	0.87045054	1	0.086	0.071
0.0007212	1	0.11048875	0.48070855	1	0.667	0.732
0.50321887	1	-0.0577873	0.97330678	1	0.048	0.063
0.97578525	1	1.88481997	0.01256053	1	0.029	0.016
0.88874277	1	0.15191904	0.26675901	1	0.219	0.165
0.49180172	1	0.90132239	0.06449683	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.57688369	1	-0.6051847	0.48861067	1	0.038	0.047
0.30884832	1	1.24971404	0.67572874	1	0.01	0
0.19752867	1	0.95105162	0.07406184	1	0.133	0.087
1	1	8.42353376	0.32710281	1	0	0
0.00114746	1	-0.3352594	0.55799069	1	0.152	0.087
1	1	6.43739125	0.32710281	1	0	0
0.97638791	1	2.28929324	0.10247013	1	0.01	0.008
1	1	7.79577905	0.16448785	1	0	0
0.21141637	1	-2.5500579	0.29853994	1	0	0
1	1	8.07204347	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.97114286	1	-1.6740188	0.54257632	1	0	0.008
0.86346914	1	-0.0488753	0.68956232	1	0.371	0.315
0.03575698	1	0.22726306	0.28326854	1	0.324	0.394
0.47413309	1	-0.6927066	0.58671897	1	0	0

0.21141637	1	-0.372574	0.63132234	1	0	0
1	1	-0.0465426	1	1	0	0
0.84255404	1	-0.050374	0.44750148	1	0.114	0.118
0.51003251	1	1.11169745	0.67308317	1	0.019	0.016
0.51626539	1	-0.2857355	0.60769754	1	0.057	0.055
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.47780049	0.98633536	1	0	0
0.17708706	1	-0.3761441	0.75464654	1	0.124	0.11
0.7983938	1	-1.2217973	0.62618056	1	0.01	0.016
0.17577962	1	-0.2870905	0.55466563	1	0.143	0.165
0.63792001	1	2.19549249	0.58031208	1	0	0.008
0.03143145	1	-0.1101028	0.46293016	1	0.295	0.197
0.0318454	1	-0.6226909	0.49533692	1	0.114	0.063
0.46235324	1	-0.5789968	0.07822305	1	0.114	0.173
0.08078192	1	0.24148325	0.241108	1	0.457	0.48
1	1	-0.0465426	1	1	0	0
0.0954376	1	0.05244009	0.36780607	1	0.476	0.457
0.21141637	1	1.82082814	0.090043	1	0	0
0.3783461	1	0.01067253	0.76935266	1	0.105	0.157
0.00359059	1	0.28001653	0.08942157	1	0.524	0.583
0.00757126	1	-0.1084699	0.41919827	1	0.057	0.031
0.22018941	1	-0.4529364	0.37742244	1	0.048	0.031
3.31E-06	0.09143943	-0.3570489	0.70656606	1	0.095	0.15
0.28642585	1	-0.525896	0.06140077	1	0.419	0.465
0.34366419	1	0.52329894	0.88942808	1	0.095	0.094
0.60910823	1	0.17202337	0.82769237	1	0.086	0.126
0.03593509	1	-0.1432135	0.72687974	1	0.324	0.37
0.00021141	1	0.26020601	0.0148817	1	0.905	0.858
0.39158412	1	-2.8111921	0.00531968	1	0.019	0.024
0.29394857	1	-0.5440707	0.401048	1	0.095	0.047
0.02558975	1	0.37697118	0.60106964	1	0.038	0.024
0.81185278	1	-0.3289396	0.50272609	1	0.019	0.055
0.24870067	1	1.13834484	0.01555123	1	0.067	0.047
0.59250459	1	0.21533307	0.20971622	1	0.152	0.15
0.01365761	1	0.18366838	0.23515642	1	0.2	0.244
1.64E-11	4.52E-07	-0.354453	0.07341039	1	0.238	0.189
0.30884832	1	-3.2627223	0.54257632	1	0	0
0.97638791	1	-1.4814694	0.97257202	1	0.029	0.008
3.85E-23	1.06E-18	-0.2929459	0.04101696	1	0.343	0.378
0.18540536	1	-0.7688805	0.60904811	1	0.01	0.039
0.78448748	1	0.58692165	0.56528549	1	0.124	0.11
0.60845587	1	-0.1395835	0.77707625	1	0.038	0.063
0.37468476	1	0.06927307	0.46498653	1	0.229	0.339

1	1	-0.0465426	1	1	0	0
0.0781926	1	-0.0844712	0.99081135	1	0.181	0.157
0.45682217	1	-0.2748268	0.20783796	1	0.2	0.189
0.46475842	1	0.10845136	0.44792547	1	0.21	0.268
0.97114286	1	-0.0266169	0.68368941	1	0.01	0.008
0.30884832	1	1.30626976	0.54877979	1	0	0
1	1	-0.0465426	1	1	0	0
2.05E-05	0.56492451	0.20360858	0.09238323	1	0.371	0.449
0.95629752	1	0.33691274	0.94907907	1	0.067	0.079
0.68107058	1	-0.567773	0.72954424	1	0.067	0.071
0.93253745	1	-0.5213209	0.44378437	1	0.124	0.126
0.14205396	1	0.39289013	0.96652306	1	0.01	0.008
0.97638791	1	1.98950063	0.27020031	1	0	0.008
0.52434253	1	-0.6335195	0.10389934	1	0.171	0.228
0.08730821	1	0.56229338	0.32876933	1	0.086	0.11
0.0755948	1	-1.2125543	0.70428365	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	1.59122162	0.33164578	1	0	0.008
0.63910197	1	-0.4006942	0.31581785	1	0.076	0.063
0.01368076	1	0.23951347	0.18796288	1	0.448	0.488
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.45153537	1	-0.1747612	0.60046601	1	0.324	0.126
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.22832264	1	-0.7958922	0.0241985	1	0.219	0.236
0.38825884	1	-0.2046411	0.85314367	1	0.048	0.102
0.11182849	1	0.05395657	0.81584342	1	0.181	0.252
0.0047883	1	0.23823262	0.11377787	1	0.448	0.488
0.00539317	1	-0.2689029	0.60113887	1	0.429	0.496
0.00149926	1	0.54372993	0.01555462	1	0.4	0.386
0.70213161	1	0.33909487	0.0824909	1	0.305	0.26
0.69285259	1	1.03733361	0.03130397	1	0.133	0.094
0.9553876	1	-0.0917433	0.92498656	1	0.305	0.22
0.43788486	1	-0.0935803	0.68437948	1	0.495	0.417
0.05012925	1	-0.0465426	1	1	0.01	0.016
0.00436889	1	-0.0361319	0.3978056	1	0.038	0.039
0.78363649	1	-0.0029656	0.95819355	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
3.82E-05	1	-0.1074887	0.69460086	1	0.162	0.15
0.25167035	1	0.16285245	0.54445348	1	0.029	0.087
0.47196206	1	-0.0195007	0.9462212	1	0.067	0.087

0.47413309	1	-6.9514531	0.31142884	1	0	0
0.06465872	1	-0.4403776	0.53210524	1	0.19	0.181
0.37068999	1	-0.8779474	0.28107928	1	0.01	0.024
0.12494738	1	0.10360567	0.62966183	1	0.038	0.039
0.20203955	1	-0.1768308	0.27187679	1	0.448	0.488
0.80191601	1	0.21114505	0.52494782	1	0.048	0.079
0.09467417	1	-0.4878732	0.38567221	1	0.01	0.031
0.12365984	1	-0.1506209	0.28638678	1	0.305	0.315
0.01821457	1	0.35677012	0.00096954	1	0.819	0.787
0.05012925	1	7.43686199	0.16448785	1	0	0.016
0.87500256	1	-3.4392698	0.00101748	1	0.114	0.063
0.03420558	1	0.01644295	0.98004242	1	0.571	0.575
0.1216683	1	-0.442049	0.61007093	1	0.124	0.087
0.02244776	1	-0.8866747	0.47262574	1	0.019	0.008
0.70450431	1	0.05747773	0.60753179	1	0.067	0.063
0.00031392	1	0.16655085	0.61880496	1	0.581	0.606
0.11610475	1	0.22833632	0.42098661	1	0.629	0.559
0.05012925	1	-0.0465426	1	1	0	0.016
0.41832161	1	0.02318607	0.7513645	1	0.19	0.063
0.16745907	1	4.95779975	0.32710281	1	0.01	0.008
0.02056942	1	0.09267604	0.74057821	1	0.629	0.661
0.08740909	1	0.34743296	0.97623862	1	0.019	0.039
0.08442021	1	-0.4580215	0.1887135	1	0.095	0.055
0.19254329	1	1.85138674	0.33121689	1	0.038	0.031
0.88473012	1	-0.2963377	0.24419389	1	0.152	0.15
0.50498751	1	-0.1876024	0.67996047	1	0.01	0.008
0.33958942	1	0.26327169	0.56163707	1	0.038	0.031
0.12344408	1	-0.1752041	0.74772698	1	0.029	0.047
1	1	-0.0465426	1	1	0	0
0.39826289	1	-0.6221609	0.05922976	1	0.171	0.15
0.96092914	1	-0.0731132	0.85559321	1	0.21	0.228
0.03343758	1	0.24518614	0.21881451	1	0.495	0.488
1.07E-05	0.29455115	-0.0443221	0.71588825	1	0.695	0.74
0.56711611	1	0.10284027	0.60211897	1	0.39	0.213
0.30884832	1	-9.0281702	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.20356578	1	-0.0074201	0.17873507	1	0.076	0.094
0.22025856	1	-0.6841934	0.11841645	1	0.181	0.197
0.64367666	1	-8.1763188	0.31142884	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.04586641	1	-0.2219515	0.99106239	1	0.029	0.016
0.00010245	1	0.68087606	0.00077912	1	0.429	0.409

0.47413309	1	1.42841182	0.33164578	1	0	0
1	1	8.36217008	0.16448785	1	0.019	0
0.36869196	1	-2.5102176	0.09272584	1	0	0.008
0.66451849	1	-0.3972698	0.29171115	1	0.371	0.417
0.6493294	1	-0.3040938	0.54311147	1	0.076	0.11
0.21141637	1	-8.761291	0.07816392	1	0.01	0
0.47413309	1	-7.0257918	0.31142884	1	0	0
0.23385587	1	2.06953314	0.19168897	1	0.01	0.016
0.47413309	1	-0.0657951	0.58671897	1	0	0
0.47413309	1	1.30137264	0.33366442	1	0.019	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
7.82E-08	0.00215703	-0.245631	0.03374475	1	0.562	0.449
1	1	-0.0465426	1	1	0	0
0.28519788	1	-0.4031428	0.53394567	1	0.19	0.11
0.87694156	1	0.10552856	0.86834987	1	0.41	0.331
0.38104913	1	-0.4428432	0.89497005	1	0	0.024
0.01320363	1	-0.3007228	0.35956445	1	0.19	0.118
0.08548864	1	2.19394457	0.10920768	1	0.01	0.024
0.75197797	1	1.50331074	0.29344398	1	0.019	0.016
0.76414571	1	-1.0008777	0.68671573	1	0.01	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
0.78297783	1	0.09014497	0.5733687	1	0.038	0.031
0.2079176	1	0.23930936	0.79668255	1	0.086	0.102
0.47413309	1	-7.5244913	0.31142884	1	0.01	0
0.62938366	1	-0.0939519	0.59129199	1	0.371	0.354
0.11271638	1	-0.0108831	0.89031968	1	0.438	0.457
0.04727018	1	-0.1350875	0.78692362	1	0.124	0.142
0.52811675	1	0.01977969	0.23245021	1	0.124	0.15
0.94181713	1	1.33973067	0.00016295	1	0.067	0.063
0.60588661	1	0.47622573	0.03416963	1	0.286	0.228
0.97078819	1	0.12561887	0.6551445	1	0.162	0.189
0.80319394	1	-0.4724362	0.62226356	1	0.152	0.102
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.1147115	0.97257202	1	0	0
0.83703312	1	-0.1961253	0.60182826	1	0.124	0.134
0.03255619	1	0.31133045	0.44114138	1	0.124	0.087
0.58166417	1	-1.2856005	0.18584264	1	0.029	0.039
1.46E-06	0.04016825	1.78722795	0.05207048	1	0.019	0.157
0.70446388	1	-0.6226289	0.96304561	1	0.01	0.008
1.75E-05	0.48316371	0.03758095	0.57369201	1	0.067	0.071
0.0115572	1	1.3326713	0.09445683	1	0.067	0.087
0.97172222	1	-0.2676998	0.82586468	1	0.267	0.205

0.91893825	1	0.44206337	0.03185186	1	0.314	0.299
0.69816165	1	-0.4831829	0.8119175	1	0.143	0.165
0.97114286	1	-0.0662009	0.54877979	1	0.019	0.008
0.61192017	1	0.04734277	0.84012122	1	0.295	0.165
0.20633909	1	-0.3669473	0.38928609	1	0.162	0.102
0.69052844	1	-0.3597625	0.44553989	1	0.19	0.118
0.33425077	1	-0.1376027	0.55610294	1	0	0.016
0.83093719	1	-0.2634139	0.53838582	1	0.229	0.252
0.60289828	1	-0.1440584	0.73967844	1	0.038	0.126
0.87875833	1	-0.0482269	0.97501325	1	0.238	0.157
0.36869196	1	0.973548	0.21228723	1	0.038	0.008
0.90082227	1	-0.0737071	0.79683463	1	0.086	0.15
0.26290332	1	0.50365002	0.06864225	1	0.181	0.244
1	1	-0.0465426	1	1	0	0
0.00237873	1	-0.0056592	0.82068066	1	0.438	0.583
0.11604151	1	0.17370766	0.20185199	1	0.562	0.48
0.32977008	1	-0.1337737	0.6783909	1	0.314	0.339
0.88035817	1	0.11495643	0.44197631	1	0.124	0.11
7.14E-06	0.19697962	-0.6006579	0.0160434	1	0.229	0.213
0.00998841	1	0.35119458	0.05959832	1	0.543	0.543
0.6734839	1	0.65690647	0.09239407	1	0.143	0.142
0.4783111	1	-0.2578634	0.65199168	1	0.029	0.071
0.07921028	1	0.07775197	0.6664744	1	0.657	0.543
0.97687908	1	0.03337805	0.81961535	1	0.19	0.189
0.11150167	1	0.58481034	0.13070185	1	0.048	0.031
0.31666542	1	-0.548493	0.48287676	1	0.095	0.11
0.05012925	1	7.7204876	0.32710281	1	0.01	0.016
0.03869599	1	-0.6221534	0.07967279	1	0.095	0.008
0.30884832	1	-8.4401601	0.15105729	1	0.01	0
0.54358282	1	-0.1254576	0.84455276	1	0.029	0.118
0.79982762	1	-0.5256602	0.0580759	1	0.019	0.063
0.00916213	1	0.41439738	0.032046	1	0.371	0.441
0.11225292	1	0.15902545	0.78233727	1	0.495	0.504
0.03084988	1	0.00152287	0.89117374	1	0.048	0.031
7.44E-05	1	-0.1747638	0.86484499	1	0.076	0.071
0.25571301	1	0.10079585	0.64049971	1	0.81	0.685
0.61935627	1	0.1529465	0.92082232	1	0.019	0.071
0.50273372	1	0.14948308	0.54877979	1	0.01	0.016
0.14925934	1	0.31439006	0.18298121	1	0.248	0.236
0.21225334	1	0.49854744	0.16240598	1	0.019	0.031
0.18060341	1	-1.7596287	0.00245301	1	0.048	0.047
0.47413309	1	-7.3765422	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.16745907	1	10.1551304	0.02728712	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.2556159	1	0.02007797	0.44265466	1	0.581	0.638
1	1	-0.0465426	1	1	0	0
8.49E-09	0.00023428	1.1632988	0.00910071	1	0.333	0.331
0.47413309	1	-7.3483951	0.31142884	1	0	0
0.07048406	1	0.09954993	0.42121982	1	0.133	0.134
3.35E-07	0.00924099	-0.3744316	0.09091157	1	0.229	0.197
0.74985972	1	-0.0778964	1	1	0.362	0.378
0.80877582	1	-0.0890056	0.57144207	1	0.276	0.276
0.44637785	1	0.03716967	0.93022749	1	0.086	0.047
0.70905481	1	1.31723533	0.82223965	1	0.019	0.039
0.03624839	1	-0.5729568	0.06398058	1	0.2	0.126
0.40191572	1	-0.3414384	0.45436047	1	0.114	0.205
0.42758472	1	0.09934168	0.96228565	1	0.2	0.11
0.30329377	1	0.34094682	0.18180468	1	0.095	0.094
0.48238033	1	0.21520639	0.19537626	1	0.029	0.094
0.15088119	1	0.01598734	0.42729603	1	0.133	0.181
0.47413309	1	0.52489087	0.58671897	1	0	0
0.02074449	1	-1.0446563	0.10385909	1	0.01	0.008
0.94554148	1	0.291886	0.47486338	1	0.257	0.228
0.17193238	1	0.51420559	0.42786195	1	0.143	0.071
0.91903217	1	0.07081525	0.59215185	1	0.019	0.039
0.44746554	1	-0.013678	0.9005164	1	0.048	0.055
1	1	8.70787911	0.08811101	1	0	0
0.04610707	1	-0.1926083	0.45240676	1	0.39	0.402
0.76846275	1	0.33803567	0.96304725	1	0	0.016
0.26794258	1	-0.1025649	0.52137065	1	0.371	0.386
0.45156727	1	-0.2963468	0.1727907	1	0.705	0.567
0.61705836	1	-0.9238042	0.66652704	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.25759727	1	-1.4655507	0.47666303	1	0.019	0.008
0.33607454	1	1.05484379	0.07904138	1	0.038	0.016
1	1	-0.0465426	1	1	0.019	0
0.63792001	1	1.97038095	0.19045963	1	0	0.008
0.00178466	1	-0.5980109	0.1473256	1	0.057	0.031
1	1	-0.0465426	1	1	0	0
0.17594909	1	-0.4406164	0.95534075	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
0.63792001	1	0.8050152	0.98633536	1	0	0.008
0.25938886	1	0.46875977	0.23815655	1	0.19	0.236

0.01471375	1	0.50254556	0.25336505	1	0.029	0.079
0.64367666	1	-7.5836867	0.31142884	1	0.01	0.008
0.87309585	1	0.19803012	0.74866213	1	0.019	0.031
0.39476434	1	0.04993963	0.70994402	1	0.095	0.142
0.64367666	1	-1.7398423	0.98178118	1	0	0.008
0.18685635	1	-0.0453879	0.73326695	1	0.019	0.008
0.41514627	1	-0.3203379	0.63389996	1	0.029	0.024
0.08445636	1	0.73255548	0.98633536	1	0	0.024
0.98163398	1	-0.6401094	0.54877979	1	0	0.008
0.72843501	1	0.05942254	0.90317742	1	0.429	0.331
0.05458447	1	-1.6364131	0.3239741	1	0.01	0
0.23179153	1	-0.5980392	0.01190953	1	0.21	0.346
1	1	9.46087398	0.08811101	1	0	0
0.5189202	1	0.37739162	0.17778468	1	0.295	0.323
0.18963355	1	-1.1851909	0.0034041	1	0.076	0.11
0.18052133	1	0.37962876	0.19851493	1	0.152	0.205
0.09342381	1	0.3019109	0.22963415	1	0.486	0.449
0.08436704	1	0.45689884	0.21714516	1	0.219	0.181
0.20567005	1	-0.175458	0.73156285	1	0.019	0.055
0.30884832	1	-1.3654303	0.9693467	1	0	0
0.7682557	1	0.56604515	0.24728287	1	0.019	0.031
0.47413309	1	-7.8562391	0.31142884	1	0	0
0.21141637	1	-1.1507473	0.30421593	1	0	0
1	1	-0.0465426	1	1	0	0
0.32155373	1	-0.8946789	0.58272053	1	0	0.031
1	1	-0.0465426	1	1	0.01	0
0.02262459	1	-0.5796547	0.34743948	1	0.01	0.008
0.1386988	1	0.05167894	0.84298544	1	0.362	0.386
0.75197797	1	1.30458643	0.30256957	1	0.029	0.016
5.99E-07	0.0165327	-0.3680825	0.13420995	1	0.105	0.118
0.00034481	1	0.14795052	0.24775299	1	0.771	0.748
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.7158645	1	-0.1769988	0.54551876	1	0.752	0.543
1	1	-0.0465426	1	1	0	0
0.85537672	1	0.47369852	0.1170045	1	0.219	0.213
1	1	-0.0465426	1	1	0	0
5.46E-09	0.00015081	1.33042311	3.47E-11	9.59E-07	0.248	0.291
1	1	-0.0465426	1	1	0	0
0.44581375	1	-0.342213	0.17266524	1	0.4	0.291
0.96468895	1	-0.4695892	0.61724699	1	0.019	0.063
0.55703996	1	-0.5293397	0.65873078	1	0.133	0.15
0.58819743	1	-0.5865085	0.5239489	1	0.038	0.063

0.44562434	1	-0.5574919	0.21182836	1	0.238	0.26
0.02154234	1	0.27927128	0.28904954	1	0.514	0.543
7.71E-06	0.21289273	-0.2806334	0.46445452	1	0.086	0.102
0.00738569	1	-0.697302	0.47696275	1	0.114	0.15
3.96E-05	1	-0.4241776	0.22980847	1	0.124	0.118
0.40116554	1	-0.3184913	0.63470637	1	0.095	0.063
0.25759727	1	-1.8447164	0.28618483	1	0.019	0.008
0.8367879	1	-0.0575695	0.35118793	1	0.238	0.291
0.23690213	1	0.58540001	0.54437855	1	0.095	0.063
0.73670879	1	-0.6512531	0.60952557	1	0.114	0.071
0.06080555	1	-0.169684	0.3453971	1	0.067	0.031
0.70446388	1	0.34670589	0.34349999	1	0.01	0.008
0.14820265	1	-4.0945781	0.16486421	1	0.01	0
0.44399964	1	0.4682989	0.10251281	1	0.2	0.189
0.23056484	1	-0.5901538	0.16784879	1	0.048	0.071
1	1	-0.0465426	1	1	0	0
0.35272551	1	-0.3557867	0.24409514	1	0.067	0.031
0.04586641	1	-0.0725161	0.9130414	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.77315408	1	0.35669117	0.56726912	1	0.048	0.031
0.19735117	1	-0.2311103	0.54365942	1	0.4	0.386
1	1	7.634098	0.32710281	1	0	0
0.59887846	1	0.33038568	0.77948139	1	0.181	0.165
0.63669524	1	0.48521063	0.55638177	1	0.114	0.134
0.2281633	1	0.3439317	0.59152081	1	0.133	0.197
0.00039056	1	0.14055198	0.37348222	1	0.61	0.591
0.30884832	1	-9.1534207	0.15105729	1	0	0
0.89642843	1	-0.5023984	0.60369542	1	0.01	0.047
1	1	-0.0465426	1	1	0	0
0.01804346	1	0.48419313	0.05156988	1	0.467	0.394
0.84408382	1	-0.1883659	0.95279328	1	0.038	0.024
0.17981975	1	-0.5538214	0.74190265	1	0	0.031
0.18685635	1	-1.1415545	0.18413651	1	0.019	0.008
0.93899239	1	-0.0862552	0.99684193	1	0.352	0.346
0.21922148	1	1.23769797	0.10477056	1	0	0.024
0.01424324	1	-0.0666659	0.81498394	1	0.219	0.189
0.51003251	1	-0.8220311	0.68635085	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.33754266	1	0.72461576	0.26594218	1	0.067	0.031
1	1	-0.0465426	1	1	0	0
0.0755948	1	-1.357745	0.4830632	1	0.019	0
1	1	-0.0465426	1	1	0	0

0.14151663	1	0.37100674	0.49959353	1	0.105	0.118
0.18459627	1	-0.1125312	0.56059172	1	0.067	0.039
0.47413309	1	-0.5103952	0.58671897	1	0.019	0
0.66852301	1	-0.5095208	0.14851147	1	0.067	0.079
0.30884832	1	-2.0012971	0.54257632	1	0	0
0.44749964	1	-0.8662368	0.24285699	1	0.162	0.071
0.85494929	1	0.50524773	0.04773011	1	0.152	0.22
0.68268931	1	-0.2610449	0.89188547	1	0.229	0.173
0.10635645	1	-1.7550407	0.20437094	1	0.067	0.016
0.08438642	1	-0.700293	0.19645127	1	0.067	0.11
0.35621607	1	0.25321419	0.22844003	1	0.048	0.071
0.78265522	1	0.34992861	0.97359938	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.63792001	1	1.26059578	0.33366442	1	0.01	0.008
0.54771537	1	-0.3632901	0.45643789	1	0.19	0.205
1	1	-0.0465426	1	1	0	0
0.05458447	1	-3.3008876	0.02885312	1	0.029	0
0.75855879	1	-0.9228364	0.4517937	1	0	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.00284439	1	0.32760828	0.78135428	1	0.181	0.339
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.07620744	1	-0.5349531	0.24361037	1	0.229	0.22
0.85193048	1	-0.3229524	0.88475037	1	0.019	0.071
0.77523596	1	0.1112348	0.58479414	1	0.01	0.047
1	1	-0.0465426	1	1	0	0
0.15138426	1	0.980797	0.12822955	1	0.048	0.071
0.47413309	1	0.8605339	0.58351143	1	0	0
0.98163398	1	2.16695301	0.42993711	1	0	0.008
0.98163398	1	1.00870815	0.67837832	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.84408382	1	1.25707876	0.1011589	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.01142931	1	-0.2155603	0.14217299	1	0.39	0.283
0.21141637	1	0.53652452	0.50707423	1	0.038	0
0.73887073	1	-0.7654727	0.69732252	1	0.019	0.016
0.18573331	1	0.01635041	0.4299028	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
9.91E-05	1	-0.1892644	0.12970765	1	0.381	0.465
0.89724431	1	0.22637263	0.17899475	1	0.048	0.087
0.04869235	1	-0.5770692	0.27347746	1	0.067	0.016

0.52260175	1	-10.461569	0.02261846	1	0	0.031
0.21117659	1	0.01542882	0.94308637	1	0.067	0.087
0.07951614	1	-0.2892134	0.72939921	1	0.019	0.047
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.06149218	1	0.13138221	0.3620542	1	0.181	0.102
0.01335668	1	-0.1607289	0.75758229	1	0.076	0.11
0.83077264	1	-0.0113338	0.37456988	1	0.514	0.512
0.23644964	1	-7.9313206	0.31142884	1	0	0.016
0.17511044	1	0.73933821	0.03582689	1	0.086	0.157
0.34958076	1	0.47499388	0.54324207	1	0.19	0.22
0.6836971	1	-0.2970587	0.53149672	1	0.048	0.087
0.14820265	1	0.12264191	0.97136346	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.49227704	1	-1.2572542	0.1458454	1	0.029	0.071
0.97114286	1	-2.6668471	0.54257632	1	0	0.008
0.30884832	1	-9.0884376	0.15105729	1	0	0
0.47413309	1	2.98435892	0.58031208	1	0.01	0
0.47413309	1	3.71642353	0.10847752	1	0.01	0
1	1	9.43442317	0.08811101	1	0	0
0.06162967	1	0.30032456	0.05419413	1	0.295	0.323
0.85855349	1	0.08520313	0.79987935	1	0.019	0.055
0.20686384	1	-1.2650817	0.14831142	1	0.019	0.047
0.04165538	1	0.4755124	0.47902699	1	0.19	0.197
0.11451477	1	0.20701018	0.88446699	1	0.676	0.646
0.24635524	1	-0.3052314	0.37654615	1	0.038	0.031
0.13594064	1	-0.0062461	0.95173026	1	0.324	0.339
0.50273372	1	-9.1291756	0.15105729	1	0	0.016
0.23906368	1	0.39865676	0.33366442	1	0	0.016
0.18271634	1	0.53520127	0.58940868	1	0.048	0.079
0.64048448	1	0.1107719	0.51973201	1	0.067	0.189
0.19511143	1	-1.5321925	0.08597626	1	0.029	0.008
1	1	9.15088834	0.08811101	1	0	0
0.50044134	1	1.0034105	0.43402121	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
1	1	4.64722057	0.32710281	1	0	0
1	1	9.79913194	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	-3.0328799	0.29853994	1	0.01	0
0.39410323	1	-0.0189373	0.6086041	1	0.057	0.071
0.00063699	1	0.01576873	0.05739547	1	0.686	0.654
0.96434787	1	-0.2019115	0.89262234	1	0.048	0.094
0.94398666	1	-0.0797319	0.73921922	1	0.057	0.039
0.22986562	1	1.26253029	0.00045529	1	0.105	0.094

0.88686964	1	-0.2598991	0.44478268	1	0.143	0.157
0.63356987	1	-1.2401603	0.10129722	1	0.057	0.094
0.20121821	1	-0.1629674	0.68790094	1	0.219	0.268
0.57705294	1	0.49634884	0.11067807	1	0.038	0.039
0.59841058	1	-0.8033541	0.13912061	1	0.248	0.126
0.9555535	1	0.52974034	0.33559576	1	0.229	0.181
0.08298574	1	1.03563654	0.02665621	1	0.105	0.126
0.80425179	1	-0.0825656	0.91167372	1	0.01	0.039
1	1	7.8077944	0.32710281	1	0	0
0.34311531	1	0.14001269	0.38940675	1	0.038	0.047
0.02627079	1	0.02245892	0.83059701	1	0.943	0.85
0.6758067	1	-0.5066377	0.89208336	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.09045939	1	-0.155751	0.99954138	1	0.057	0.055
0.47413309	1	-0.2372778	0.98178118	1	0	0
0.61584182	1	-1.2596865	0.3573357	1	0	0.024
0.30884832	1	1.25303806	0.98225045	1	0	0
0.00912105	1	0.18730546	0.30676772	1	0.41	0.465
0.70820859	1	0.02080915	0.60083764	1	0.229	0.197
0.64367666	1	0.58724968	0.58671897	1	0.029	0.008
0.93894952	1	0.55002008	0.06442629	1	0.143	0.102
0.48311307	1	0.33486665	0.20824511	1	0.171	0.15
0.10370508	1	-0.7797454	0.72764402	1	0.029	0.016
0.20921323	1	0.17645858	0.49392773	1	0.105	0.189
0.20054005	1	0.47729419	0.45479762	1	0.01	0.016
0.97638791	1	1.53558846	0.10477056	1	0	0.008
0.2256356	1	-0.45931	0.31487802	1	0.171	0.126
0.00093258	1	0.21745281	0.18727481	1	0.314	0.378
0.79348508	1	0.64602941	0.61682205	1	0.057	0.071
1	1	-0.0465426	1	1	0	0
1	1	5.61907498	0.32710281	1	0	0
1	1	11.3280132	0.00056964	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.01224763	1	-0.6650119	0.8534781	1	0.019	0.008
0.11955742	1	-0.2413028	0.63403587	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47904738	1	-0.4577374	0.3344949	1	0.019	0.063
0.02102196	1	0.67947152	0.86098069	1	0.01	0
0.10896599	1	-0.3762179	0.28972673	1	0.181	0.189
0.00241217	1	0.13281918	0.38351045	1	0.048	0.055

1.18E-06	0.03269526	0.21139264	0.50695297	1	0.105	0.15
0.64795003	1	0.55087084	0.30212092	1	0.01	0.024
0.03378966	1	0.15574773	0.27494925	1	0.219	0.252
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.95340675	0.08811101	1	0	0.008
0.14306207	1	0.02087389	0.78567223	1	0.238	0.173
0.5284594	1	0.63643807	0.26996316	1	0.124	0.071
0.94679496	1	-0.773356	0.09141583	1	0.143	0.165
0.04658003	1	-0.284679	0.37222909	1	0.305	0.346
1	1	-0.0465426	1	1	0	0
0.00040534	1	-0.3020132	0.56749863	1	0.067	0.039
1	1	-0.0465426	1	1	0	0
0.76230803	1	0.33323273	0.34237844	1	0.21	0.181
0.01057894	1	0.12037413	0.76736309	1	0.476	0.504
0.05309615	1	-0.0910247	0.64727446	1	0.181	0.197
0.65964965	1	-0.0625261	0.60289487	1	0.038	0.031
0.91175577	1	0.47742322	0.20166622	1	0.105	0.055
0.01937661	1	-0.2391485	0.13757551	1	0.314	0.22
0.48786924	1	-0.2914359	0.52610799	1	0.2	0.205
1	1	-0.0465426	1	1	0	0
0.01951128	1	0.07529229	0.75030726	1	0.438	0.441
0.51118132	1	-0.0082581	0.7909679	1	0.448	0.409
1	1	-0.0465426	1	1	0	0
0.32569518	1	0.30886099	0.63668925	1	0.038	0.031
0.12081226	1	0.22354787	0.23642769	1	0.124	0.157
0.91835002	1	0.24928268	0.69581713	1	0.076	0.079
0.81773789	1	-0.9886217	0.29807561	1	0.038	0.039
0.22986562	1	-0.0490647	0.82186202	1	0.029	0.094
0.15216712	1	0.82841558	0.41502008	1	0.067	0.071
0.42592056	1	-1.9041324	0.95777103	1	0.029	0.024
0.34272503	1	0.00199664	0.37641423	1	0.324	0.307
0.84242908	1	0.09042738	0.88774892	1	0.181	0.15
0.37483956	1	-0.0164882	0.97977637	1	0.486	0.52
0.36373785	1	-2.297513	0.23343947	1	0.019	0.008
0.47413309	1	-8.5069859	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.44738971	1	-0.6300568	0.25454757	1	0.048	0.079
0.00225518	1	-2.063424	0.29853994	1	0.029	0.071
0.27454752	1	0.17212291	0.43748647	1	0.076	0.063
0.00741626	1	0.13487769	0.64445456	1	0.048	0.047
0.40930629	1	-0.2948122	0.54922658	1	0.114	0.087
0.00368524	1	0.58007772	0.02152866	1	0.362	0.402

0.47413309	1	-0.0072108	0.98633536	1	0	0
0.73851392	1	-0.8728564	0.18194979	1	0.057	0.071
0.79051383	1	-8.768438	0.07816392	1	0	0.016
0.47413309	1	1.00610006	0.58351143	1	0.01	0
1.19E-05	0.32753367	0.42095274	0.33653543	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
1	1	7.75675207	0.32710281	1	0	0
0.16199142	1	0.65956769	0.00378011	1	0.086	0.142
0.08235899	1	-0.4079987	0.70111193	1	0.048	0.039
0.0194498	1	-0.0812025	0.85381459	1	0.295	0.433
0.04999801	1	0.35252721	0.22476637	1	0.267	0.213
0.89858278	1	-0.519559	0.31083007	1	0.105	0.134
0.59013005	1	-0.2087121	0.76177343	1	0.133	0.087
0.47413309	1	0.96790835	0.58351143	1	0	0
1	1	-0.0465426	1	1	0	0
0.50825689	1	0.42059241	0.97594379	1	0.01	0.008
0.23644964	1	1.71030012	0.33164578	1	0	0.016
2.26E-19	6.24E-15	0.19954901	0.81047455	1	0.543	0.795
0.21847855	1	-0.693171	0.04730083	1	0.095	0.094
0.7983938	1	-0.3124487	0.74626143	1	0.01	0.016
0.76137315	1	-0.8525795	0.94427791	1	0.019	0.024
0.6295591	1	-0.384943	0.92458353	1	0.105	0.071
0.34189332	1	-0.3417589	0.13608747	1	0.057	0.087
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.2054947	0.15105729	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.50498751	1	0.06693532	0.77907649	1	0.029	0.008
0.93781644	1	0.22346989	0.63510374	1	0.152	0.236
0.41247808	1	0.86760984	0.33937369	1	0	0.024
0.57436691	1	0.07909489	0.96525795	1	0.029	0.016
0.6500458	1	-0.0100995	0.98294134	1	0.124	0.102
0.42283004	1	0.33131434	0.55155732	1	0.029	0.055
0.07427111	1	0.27456122	0.19138748	1	0.181	0.126
0.0060595	1	0.12291739	0.22485763	1	0.629	0.669
0.47413309	1	-9.5054427	0.31142884	1	0	0
0.59580202	1	-0.2545826	0.58301069	1	0.333	0.315
0.18315318	1	0.10346939	0.55152133	1	0.124	0.134
0.57780203	1	0.75185603	0.07048605	1	0.076	0.063
0.30884832	1	-9.2611553	0.15105729	1	0	0
0.02673989	1	-0.6922316	0.40478735	1	0.057	0.024
0.76939536	1	0.18895446	0.13674734	1	0.019	0.118
0.14270707	1	0.01091257	0.79945779	1	0.01	0.024
0.00077513	1	-0.3204664	0.46585253	1	0.038	0.079

0.32266692	1	0.48162266	0.2025537	1	0.162	0.079
0.05920965	1	0.16001044	0.64120507	1	0.086	0.087
0.64367666	1	-8.3361703	0.31142884	1	0	0.008
0.07127093	1	-0.1238298	0.47482288	1	0.476	0.512
0.12857961	1	1.48641911	0.05228807	1	0.057	0.055
0.63158688	1	0.03953507	0.76253091	1	0.381	0.323
0.46867755	1	0.29119616	0.50253454	1	0.219	0.181
0.51167597	1	0.31127286	0.56328731	1	0.105	0.055
0.03508387	1	0.00341543	0.54119546	1	0.057	0.11
0.88664292	1	0.26881951	0.37314534	1	0.171	0.205
0.36894621	1	0.06526558	0.77785811	1	0.143	0.165
0.14820265	1	-0.9515045	0.66652704	1	0.01	0
0.04495419	1	-1.1290464	0.2986772	1	0.019	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
5.86E-06	0.16176879	0.30829409	0.01722401	1	0.714	0.764
0.29506914	1	0.01647256	0.97490862	1	0.362	0.409
0.38750674	1	0.22252603	0.41439393	1	0.01	0.047
0.30884832	1	-1.9945164	0.54257632	1	0	0
0.00181103	1	-0.1099947	0.82383607	1	0.086	0.157
1	1	8.23458774	0.32710281	1	0	0
0.51003251	1	1.98959092	0.0380239	1	0.01	0.016
0.47413309	1	-0.6510673	0.98178118	1	0	0
0.98163398	1	-1.8457789	0.54257632	1	0	0.008
0.00017028	1	0.91443587	0.00010724	1	0.41	0.528
1	1	7.77248779	0.32710281	1	0	0
0.69235351	1	-0.2138481	0.92427869	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
1	1	7.35298365	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.34730904	1	0.61729797	0.63558985	1	0.086	0.079
0.0701018	1	-0.1784619	0.89436697	1	0.029	0.039
0.07868595	1	-0.1013653	0.32218368	1	0.305	0.142
0.00239809	1	-0.5349346	0.26846105	1	0.038	0.055
0.00036853	1	-0.0007359	0.9285447	1	0.048	0.039
0.64367666	1	3.22948188	0.1880184	1	0	0.008
0.0012617	1	-0.3798341	0.35867789	1	0.038	0.008
0.56190159	1	-1.5274981	0.28220302	1	0.048	0.031
0.05341122	1	-0.2798771	0.14523975	1	0.39	0.26
0.55848065	1	0.19721867	0.41950462	1	0.057	0.039
0.36449041	1	-0.6068168	0.5646612	1	0.114	0.087
1	1	-0.0465426	1	1	0	0
0.17532067	1	0.31479874	0.4921406	1	0.162	0.165
0.17351637	1	0.50442036	0.02856113	1	0.029	0.063

0.7338155	1	0.34432128	0.45014467	1	0.086	0.063
0.08445636	1	1.99991883	0.58031208	1	0.019	0.024
0.63792001	1	1.36670615	0.58351143	1	0.029	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.88085181	1	-0.3093127	0.94141028	1	0.048	0.039
0.81044378	1	-0.4811017	0.27934953	1	0.248	0.228
8.79E-27	2.43E-22	-0.3575345	0.01215063	1	0.429	0.52
6.24E-26	1.72E-21	-0.2706386	0.07443355	1	0.39	0.323
6.31E-27	1.74E-22	-0.204822	0.03767699	1	0.381	0.283
2.80E-23	7.73E-19	-0.3863163	0.00204771	1	0.324	0.394
6.56E-28	1.81E-23	-0.2979449	0.01858678	1	0.6	0.567
1.21E-26	3.33E-22	-0.3535895	0.00730054	1	0.438	0.465
1.15E-21	3.18E-17	-0.2330516	0.04970704	1	0.352	0.315
1.42E-23	3.92E-19	-0.516717	0.00034145	1	0.305	0.291
3.34E-22	9.22E-18	-0.3622015	0.0149477	1	0.39	0.362
2.55E-25	7.05E-21	-0.3102251	0.02836732	1	0.448	0.472
1	1	-0.0465426	1	1	0	0
4.26E-22	1.18E-17	-0.3575921	0.01526725	1	0.39	0.331
1.98E-21	5.46E-17	-0.1545795	0.28463879	1	0.4	0.528
9.52E-23	2.63E-18	-0.2913743	0.01715382	1	0.4	0.354
2.58E-09	7.11E-05	-0.6031624	0.01084034	1	0.152	0.126
2.10E-23	5.79E-19	-0.2607554	0.02484606	1	0.343	0.339
5.37E-23	1.48E-18	-0.3026622	0.02214402	1	0.343	0.299
1.43E-21	3.94E-17	-0.3655706	0.01601998	1	0.305	0.315
2.31E-21	6.39E-17	-0.2711533	0.08228083	1	0.267	0.22
0.59774071	1	-0.3595804	0.39368307	1	0.019	0.039
1.39E-23	3.83E-19	-0.2104158	0.08141558	1	0.352	0.307
1.15E-27	3.18E-23	-0.251621	0.04559848	1	0.448	0.441
6.07E-21	1.67E-16	0.02299302	0.90563817	1	0.314	0.299
8.34E-09	0.00023026	-0.2204925	0.29955681	1	0.095	0.079
3.16E-25	8.72E-21	-0.3499944	0.00802754	1	0.352	0.394
1.55E-24	4.29E-20	-0.3405766	0.01528793	1	0.467	0.425
0.00014016	1	-0.1559587	0.81564515	1	0.029	0.047
1.93E-21	5.33E-17	-0.1364924	0.16011151	1	0.267	0.22
2.31E-26	6.36E-22	-0.3009233	0.00746024	1	0.324	0.299
8.14E-22	2.25E-17	-0.2968228	0.06473404	1	0.41	0.299
1.52E-22	4.19E-18	-0.3671954	0.01218688	1	0.381	0.307
2.70E-22	7.44E-18	-0.0901615	0.20401334	1	0.4	0.299
1.52E-12	4.19E-08	-0.265939	0.04883602	1	0.143	0.15
7.68E-24	2.12E-19	-0.3494831	0.02660942	1	0.286	0.291
6.87E-11	1.90E-06	-1.1576447	1.29E-05	0.35558785	0.076	0.11
1.07E-27	2.97E-23	-0.2449944	0.01580998	1	0.333	0.26
3.87E-24	1.07E-19	-0.2117694	0.07782996	1	0.429	0.307

1.78E-10	4.91E-06	0.0461655	0.69455378	1	0.057	0.055
0.02832805	1	-1.0737393	0.5666381	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
3.39E-14	9.35E-10	-0.2969915	0.03294263	1	0.381	0.37
9.85E-26	2.72E-21	-0.208243	0.07708463	1	0.467	0.457
9.84E-27	2.71E-22	-0.3935793	0.0016884	1	0.429	0.346
1.08E-24	2.99E-20	-0.2470154	0.04678886	1	0.39	0.37
6.76E-24	1.86E-19	-0.3393423	0.0401085	1	0.248	0.165
1.15E-24	3.18E-20	-0.410886	0.00308272	1	0.41	0.409
0.47683606	1	0.06276184	0.67618	1	0.076	0.102
6.36E-25	1.76E-20	-0.242786	0.02180564	1	0.419	0.362
3.82E-26	1.05E-21	-0.3148152	0.00785017	1	0.429	0.394
6.00E-24	1.65E-19	-0.2161867	0.14703105	1	0.362	0.299
5.25E-28	1.45E-23	-0.2447119	0.08646695	1	0.486	0.425
1.37E-23	3.77E-19	-0.2815659	0.07795863	1	0.41	0.331
0.01374011	1	0.16144216	0.2821443	1	0.152	0.118
0.96792803	1	0.16262277	0.41751192	1	0.171	0.268
0.2293053	1	-0.2045198	0.69180549	1	0.105	0.071
0.00580457	1	-0.4330971	0.22871625	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.00757252	1	-0.2789943	0.90794813	1	0.029	0.016
0.63595739	1	-0.7910187	0.33170603	1	0.057	0.126
0.33549284	1	0.21493601	0.27121052	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.3324334	1	0.09553862	0.4254218	1	0	0.016
0.57095545	1	-0.2815858	0.33269094	1	0.19	0.228
0.5112122	1	-0.0862407	0.87786025	1	0.229	0.157
0.01131238	1	-0.0435873	0.70980764	1	0.524	0.575
0.84408382	1	-0.3994195	0.94869378	1	0	0.024
1.05E-24	2.90E-20	-0.1984823	0.13172297	1	0.362	0.402
1.43E-22	3.94E-18	-0.2261833	0.09257673	1	0.362	0.323
3.92E-22	1.08E-17	-0.2328995	0.12030692	1	0.371	0.433
1.29E-23	3.56E-19	-0.2214522	0.0584767	1	0.314	0.346
1.15E-27	3.17E-23	-0.2495779	0.03745252	1	0.39	0.535
8.13E-25	2.24E-20	-0.1580964	0.09071484	1	0.429	0.449
1.18E-25	3.26E-21	-0.2403506	0.06672986	1	0.314	0.299
1.04E-25	2.86E-21	-0.3243617	0.00970107	1	0.343	0.307
1.56E-23	4.32E-19	-0.1297592	0.37633074	1	0.333	0.291
5.19E-27	1.43E-22	-0.324881	0.02547284	1	0.524	0.52
1.01E-25	2.78E-21	-0.1253626	0.1406845	1	0.448	0.504
0.00242327	1	-0.2051155	0.37087218	1	0.057	0.094
1.43E-24	3.95E-20	-0.274777	0.04837666	1	0.381	0.315
1.44E-27	3.98E-23	-0.1916973	0.24600112	1	0.4	0.402

2.79E-28	7.71E-24	-0.2579765	0.03079659	1	0.4	0.354
4.11E-28	1.13E-23	-0.392638	0.00320691	1	0.381	0.331
4.13E-19	1.14E-14	-0.2547302	0.05389612	1	0.295	0.276
4.55E-18	1.26E-13	-0.2295207	0.09775403	1	0.257	0.26
7.30E-24	2.01E-19	-0.2347703	0.08939505	1	0.352	0.331
3.87E-24	1.07E-19	-0.3862792	0.02818569	1	0.362	0.299
0.0001857	1	-0.1599381	0.65973378	1	0.029	0.039
2.27E-28	6.27E-24	-0.2891259	0.02305504	1	0.467	0.425
1.32E-06	0.0365539	-0.2584285	0.26684338	1	0.095	0.157
6.04E-24	1.67E-19	-0.1362126	0.25054187	1	0.381	0.433
1.17E-20	3.24E-16	-0.2644548	0.06537715	1	0.333	0.37
4.22E-27	1.16E-22	-0.3540182	0.00492711	1	0.429	0.346
1.24E-22	3.43E-18	-0.2595619	0.05661789	1	0.333	0.378
2.56E-18	7.07E-14	-0.5103314	0.00131069	1	0.229	0.26
9.11E-07	0.02514893	-0.5325124	0.15628467	1	0.048	0.079
1.95E-21	5.39E-17	-0.3887512	0.02257081	1	0.295	0.362
0.12479587	1	0.05309912	0.94200765	1	0.19	0.197
0.00013829	1	0.07965382	0.58877443	1	0.581	0.614
0.08577306	1	0.15644803	0.68374077	1	0.686	0.677
0.80425179	1	-0.1071065	0.50279133	1	0.019	0.039
0.21988586	1	0.39720347	0.05555045	1	0.571	0.504
0.78658181	1	1.02296999	0.22245629	1	0.01	0.016
0.02600794	1	0.14835826	0.46341086	1	0.295	0.339
0.06365515	1	-0.8414136	0.23283374	1	0.076	0.039
1.65E-06	0.04557098	0.17216014	0.20599396	1	0.533	0.606
0.47413309	1	-7.3221167	0.31142884	1	0	0
5.07E-25	1.40E-20	-0.3673884	0.00458747	1	0.457	0.52
2.50E-23	6.90E-19	-0.1480303	0.31854395	1	0.476	0.457
1.14E-22	3.14E-18	-0.1587828	0.13055418	1	0.467	0.465
4.10E-23	1.13E-18	-0.1961259	0.11264676	1	0.419	0.339
1	1	-0.0465426	1	1	0	0
0.00075278	1	0.09777293	0.36438137	1	0.476	0.465
0.32522786	1	-0.4577074	0.72982553	1	0.019	0.016
0.64367666	1	2.54690576	0.18923611	1	0	0.008
0.06253466	1	-0.9143492	0.16494181	1	0.048	0.016
0.53403689	1	0.02491015	0.99046672	1	0.105	0.071
0.70446388	1	0.6820069	0.50340362	1	0.01	0.008
0.00208824	1	-0.188637	0.78761299	1	0.029	0.024
0.62810871	1	-0.4219951	0.73141389	1	0.086	0.024
0.84724183	1	0.13804468	0.95737041	1	0.029	0.094
0.78014689	1	0.26504331	0.60835907	1	0.057	0.055
0.39691726	1	-0.8876744	0.93915104	1	0.019	0.024
0.86436176	1	0.19729474	0.33515938	1	0.533	0.394

0.32767438	1	0.3451438	0.26611438	1	0.248	0.228
0.01879966	1	0.27128957	0.25158533	1	0.41	0.37
0.05012925	1	-0.0465426	1	1	0	0.016
0.21131812	1	0.30678161	0.35379339	1	0.257	0.205
0.78265522	1	0.92130344	0.73006268	1	0	0.016
0.11004779	1	-0.5942582	0.26951802	1	0.086	0.047
0.26371749	1	-0.3886023	0.19213185	1	0.124	0.071
0.01496869	1	-0.4481022	0.04957386	1	0.048	0.031
0.30725433	1	-0.3855834	0.36442122	1	0.057	0.087
0.3989329	1	0.12216133	0.76452029	1	0.095	0.079
0.66716538	1	-0.9810254	0.04959513	1	0.076	0.142
0.32152936	1	0.10490685	0.67605615	1	0.267	0.197
0.00183118	1	-0.5125029	0.17479023	1	0.095	0.087
0.86638999	1	0.3467157	0.45059673	1	0.038	0.055
0.82929664	1	-0.6436414	0.71896983	1	0.048	0.055
0.34901977	1	-0.4590379	0.37170635	1	0.029	0.016
0.1415391	1	-0.4044465	0.91745261	1	0.038	0.016
1	1	-0.0465426	1	1	0	0
0.4438687	1	-0.4576258	0.72306234	1	0.019	0.016
5.88E-05	1	2.90150619	0.33164578	1	0.019	0.079
0.21329795	1	-0.1451485	0.52181999	1	0.21	0.197
0.62781655	1	-0.1474089	0.91791945	1	0.4	0.354
9.48E-06	0.26153807	0.20274926	0.2050676	1	0.59	0.685
1	1	9.04515077	0.16448785	1	0.01	0
0.1396091	1	-0.0724645	0.96739754	1	0.171	0.173
2.08E-07	0.00575065	0.06873154	0.8686104	1	0.257	0.173
1	1	9.3147762	0.08811101	1	0	0
0.21141637	1	-2.0056557	0.30042403	1	0	0
0.75197797	1	-1.1681227	0.24073833	1	0.019	0.016
0.78658181	1	0.63649479	0.73699075	1	0.01	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
0.7210081	1	0.60392694	0.66835067	1	0	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.9475445	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.64248481	1	-0.1750972	0.53681639	1	0.114	0.11
0.15339135	1	0.01196913	0.30502532	1	0.476	0.433
0.11895945	1	0.00693121	0.769567	1	0.324	0.409
4.71E-09	0.00012991	-0.0603121	0.49280779	1	0.571	0.488
0.02835043	1	0.51073551	0.04658522	1	0.486	0.472
1	1	-0.0465426	1	1	0	0
0.52005476	1	-0.3314738	0.52656315	1	0.143	0.102

0.80094419	1	0.56541128	0.31525913	1	0.076	0.102
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.42148634	1	0.55786011	0.81470623	1	0	0.039
0.22137399	1	-0.4585614	0.12113917	1	0.2	0.276
0.19154805	1	-0.2061069	0.2501142	1	0.229	0.205
0.47413309	1	-7.8333254	0.31142884	1	0	0
0.47712456	1	-1.4330677	0.00373427	1	0.286	0.157
0.05012925	1	8.21522496	0.08811101	1	0	0.016
0.22502458	1	0.61904314	0.43771264	1	0.01	0.024
0.97206132	1	0.21441635	0.77492143	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.40758464	1	0.3115055	0.34579504	1	0.019	0.039
0.50825689	1	0.53219993	0.56163707	1	0.01	0.008
0.78078772	1	-0.0690923	0.93979363	1	0.352	0.394
0.955728	1	0.17723991	0.75582118	1	0.438	0.449
0.9832009	1	0.9928627	0.11845513	1	0.029	0.024
1	1	9.12183504	0.32710281	1	0	0
0.47413309	1	1.35438782	0.33366442	1	0	0
0.23644964	1	-8.4374511	0.31142884	1	0	0.016
0.47413309	1	-1.3043181	0.98178118	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.29549831	1	-1.6530636	0.17990978	1	0	0.024
1	1	-0.0465426	1	1	0	0
8.17E-06	0.22551455	-0.1175313	0.71853063	1	0.133	0.094
0.00052782	1	-0.0185809	0.84872482	1	0.248	0.26
0.84725861	1	-1.7196081	0.23585479	1	0.01	0.024
0.53971655	1	0.08872666	0.71953685	1	0.238	0.236
0.53886743	1	-0.1603048	0.69258309	1	0.133	0.157
0.44144891	1	-0.5139839	0.05843534	1	0.314	0.307
0.16745907	1	-0.0465426	1	1	0	0.008
0.94636653	1	-1.5926702	0.26408135	1	0.048	0.039
1	1	-0.0465426	1	1	0	0
0.32660718	1	-1.200433	0.06985105	1	0.048	0.087
0.08361227	1	-0.2030154	0.36652534	1	0.448	0.606
0.05012925	1	5.45342005	0.32710281	1	0.019	0.016
0.27606538	1	-0.1692748	0.59098832	1	0.476	0.472
0.06311591	1	0.26076532	0.69290863	1	0.362	0.346
0.42752834	1	1.25833125	0.3282817	1	0.019	0.039
0.19933331	1	0.32583426	0.15463022	1	0.067	0.071
0.68976228	1	-0.1023587	0.89153804	1	0.038	0.079

0.73529409	1	0.19902039	0.36873675	1	0.057	0.055
1.75E-10	4.83E-06	-0.4082267	0.04551796	1	0.095	0.118
0.47413309	1	2.28593831	0.10920768	1	0	0
0.79556231	1	0.11298469	0.42381911	1	0.019	0.047
0.25207787	1	0.02390481	0.67385002	1	0.057	0.039
0.00812401	1	-0.6985158	0.09177234	1	0.067	0.031
0.51370259	1	0.22815975	0.68368941	1	0	0.016
0.63792001	1	2.17756474	0.58031208	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.03943007	1	-0.1040539	0.34626858	1	0.029	0.047
0.07893814	1	-0.3543909	0.64359552	1	0.038	0.039
0.47413309	1	-6.6300567	0.31142884	1	0	0
0.4832045	1	0.29614714	0.88664762	1	0.029	0.039
0.08916119	1	0.13934166	0.17478156	1	0.429	0.339
0.31792798	1	0.6557264	0.22453834	1	0.219	0.181
0.22698312	1	2.42435369	0.03745777	1	0.01	0.024
0.62814031	1	-0.0030621	0.72407432	1	0.029	0.047
0.05458447	1	-2.0013148	0.08450098	1	0.038	0
0.16745907	1	10.0081528	0.04861576	1	0	0.008
1.70E-10	4.69E-06	-0.1824007	0.16680714	1	0.181	0.37
8.13E-21	2.24E-16	-0.1307266	0.62679585	1	0.171	0.165
0.05623599	1	0.89220029	0.04489099	1	0.019	0.008
0.30884832	1	3.38986693	0.16323025	1	0	0
0.47413309	1	-9.5054427	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.62073596	1	1.95047281	0.00198678	1	0.029	0.024
1	1	7.67936043	0.32710281	1	0.01	0
6.92E-19	1.91E-14	-0.1733528	0.29082268	1	0.267	0.315
1	1	-0.0465426	1	1	0	0
6.74E-17	1.86E-12	0.23306326	0.1030208	1	0.352	0.378
0.64367666	1	1.34749199	0.1114215	1	0	0.008
0.44615054	1	0.43784616	0.65537395	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.18088991	1	-0.1960035	0.27931978	1	0	0.039
0.40942194	1	-0.7904176	0.07218747	1	0.105	0.11
0.02139962	1	-1.7775773	0.01615028	1	0.057	0.024
0.97114286	1	-2.1325283	0.54257632	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.01302529	1	-0.5468394	0.32626908	1	0.048	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.609919	1	-0.5984032	0.45398177	1	0.048	0.071
0.0288151	1	-0.2592219	0.56648146	1	0.01	0
0.23465175	1	0.01999524	0.35657793	1	0.362	0.283
0.61816344	1	-1.0308896	0.12268582	1	0.2	0.173
0.9935839	1	-0.7051042	0.26715724	1	0.152	0.197
0.86840382	1	0.27928278	0.30979224	1	0.4	0.354
0.08426937	1	0.1670795	0.08616903	1	0.295	0.268
0.97638791	1	0.52258228	0.98225045	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.4394922	0.54567368	1	0	0
1	1	-0.0465426	1	1	0	0
0.0739566	1	-0.2360592	0.5387615	1	0.038	0.031
0.30884832	1	-1.3494899	0.54567368	1	0.01	0
1	1	8.33047306	0.32710281	1	0	0
0.10811001	1	0.03842784	0.56040069	1	0.152	0.11
0.10536053	1	-1.3550643	0.69131702	1	0.019	0
0.10536053	1	-10.324088	0.02261846	1	0	0
0.74869428	1	-0.7229909	0.69331672	1	0	0.016
0.60991518	1	-0.3559515	0.933409	1	0.067	0.087
0.22313049	1	0.46698495	0.95713529	1	0.086	0.118
0.00770343	1	-0.3059645	0.36453563	1	0.162	0.181
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.17042578	1	0.22943747	0.8079175	1	0.2	0.213
0.54934667	1	-0.3488591	0.37563854	1	0.076	0.134
0.02144632	1	0.07336509	0.3421541	1	0.152	0.228
0.20783284	1	-0.1541827	0.71954808	1	0.371	0.417
0.02172373	1	-0.9529724	0.02175652	1	0.095	0.063
0.70142337	1	-0.2470998	0.80069	1	0.181	0.189
0.02785928	1	0.5186361	0.05455981	1	0.067	0.165
0.58115397	1	-0.1995377	0.99852402	1	0.086	0.079
0.18244024	1	0.26041895	0.27879167	1	0.038	0.016
0.00733938	1	0.39627955	0.08438799	1	0.238	0.228
0.02368118	1	-0.456897	0.43119212	1	0.057	0.031
0.47413309	1	-6.8129155	0.31142884	1	0	0
0.64367666	1	-0.8919223	0.58671897	1	0.01	0.008
0.85589342	1	-0.0575778	0.7830054	1	0.143	0.197
0.86824784	1	-0.2472518	0.97593629	1	0.076	0.165
1.89E-05	0.52075106	0.17982081	0.28154391	1	0.4	0.291
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.2137213	0.98178118	1	0.019	0
0.05223984	1	-0.340117	0.31711716	1	0.295	0.283

0.17933605	1	0.23847302	0.12137409	1	0.286	0.276
0.968338	1	-0.1085556	0.57034588	1	0.038	0.016
0.36783889	1	0.01302413	0.54102813	1	0.038	0.055
0.6493294	1	0.16997172	0.64112469	1	0.114	0.11
0.00104909	1	-0.0445638	0.27735389	1	0.01	0.134
0.13761052	1	-0.1596737	0.62818588	1	0.19	0.157
0.25542475	1	0.00198461	0.68728581	1	0.029	0.094
0.0282388	1	1.06701099	4.81E-05	1	0.076	0.134
0.00756871	1	0.1238505	0.34966181	1	0.076	0.055
0.00026375	1	0.30388069	0.16031118	1	0.629	0.535
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.019	0
0.298827	1	-0.9445958	0.72190121	1	0.038	0.055
0.23644964	1	2.89400017	0.33164578	1	0	0.016
0.49910514	1	0.70211879	0.43576121	1	0.019	0.016
0.14535566	1	0.39729789	0.23865143	1	0.019	0.039
0.64274231	1	0.19224121	0.50685207	1	0.076	0.087
0.80172839	1	0.18097044	0.63373002	1	0.086	0.102
0.0038725	1	-0.307854	0.32020014	1	0.429	0.504
0.35638517	1	-2.5059508	0.09272584	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.23711616	1	0.56543473	0.02399286	1	0.324	0.323
0.51813543	1	0.2918078	0.17043257	1	0.152	0.165
0.26352792	1	-0.7724229	0.39053837	1	0.029	0.016
0.47413309	1	-7.2471179	0.31142884	1	0.01	0
0.0155212	1	0.029047	0.66384506	1	0.048	0.031
0.66463733	1	0.96359307	0.23147063	1	0.086	0.047
0.08616504	1	-0.0759565	0.67750088	1	0.667	0.614
0.25296816	1	0.25074509	0.07964697	1	0.362	0.276
0.16573729	1	0.38298054	0.02735313	1	0.562	0.512
0.72799631	1	-0.4266289	0.94735971	1	0.219	0.173
0.61409556	1	-0.2579146	0.36843931	1	0.257	0.205
0.46553737	1	-0.1424162	0.98047266	1	0.162	0.228
0.6908581	1	-0.7227748	0.2138886	1	0.038	0.063
0.94387314	1	-0.0938111	0.75668402	1	0.048	0.047
1	1	-0.0465426	1	1	0	0
0.00453063	1	-0.2593948	0.84523258	1	0.086	0.063
0.49823905	1	0.0205897	0.69556635	1	0.171	0.157
4.19E-10	1.16E-05	0.16917527	0.04075724	1	0.819	0.882
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.24193809	1	1.35930223	0.16639537	1	0.048	0.047
0.25053331	1	0.56136654	0.2894134	1	0.114	0.142

0.47413309	1	-7.3207934	0.31142884	1	0	0
0.49910514	1	0.03874575	0.68901619	1	0.01	0.016
0.16297802	1	0.13382233	0.88558185	1	0.143	0.102
0.72515314	1	-0.2179806	0.92444744	1	0.01	0.063
0.63792001	1	-1.4299218	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.10005989	1	0.13016958	0.54544856	1	0.4	0.441
0.00141081	1	-0.4514689	0.48507695	1	0.438	0.52
1	1	-0.0465426	1	1	0	0
0.26125492	1	-0.0498334	0.83232885	1	0	0.008
0.49910514	1	2.24320792	0.10133508	1	0	0.016
1	1	7.10223504	0.32710281	1	0	0
0.38809214	1	0.98956053	0.00025057	1	0.019	0.142
0.14820265	1	-10.920747	0.04168349	1	0	0
1	1	-0.0465426	1	1	0	0
0.01621721	1	-0.0465426	1	1	0.019	0.024
0.09816961	1	-1.5073625	0.0347104	1	0.019	0.031
0.47413309	1	0.91337758	0.58351143	1	0	0
0.0133125	1	0.48382495	0.24997836	1	0.305	0.409
0.53613751	1	-1.0227553	0.06055403	1	0.067	0.055
0.15828236	1	0.05004554	0.71715791	1	0.371	0.331
0.52230577	1	0.28130601	0.38774831	1	0.162	0.055
0.50172925	1	0.3707163	0.55817164	1	0.019	0.008
0.41488496	1	-0.0771664	0.68759268	1	0.79	0.772
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.07757858	1	-0.2216529	0.79551145	1	0.048	0.031
0.16745907	1	9.32877922	0.32710281	1	0	0.008
0.30884832	1	-0.0359926	0.54877979	1	0	0
0.10536053	1	0.28329146	0.60612369	1	0	0
0.63792001	1	2.07193232	0.18923611	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.15927574	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-0.4809064	0.54877979	1	0	0
0.14951168	1	0.47488117	0.88853011	1	0.057	0.016
0.26696204	1	-0.0769907	0.714159	1	0.067	0.094
0.20156097	1	0.32328241	0.97887812	1	0.019	0.031
1	1	6.264871	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.5521299	1	0.023672	0.24234414	1	0.057	0.071

0.7895287	1	0.17949157	0.42094664	1	0.2	0.283
0.36414037	1	0.13187198	0.63769311	1	0.019	0.063
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.0869109	1	-0.3156011	0.37291926	1	0.048	0.055
0.08968518	1	2.28903353	0.08566629	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
0.26309715	1	-0.8548299	0.4846705	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.05458447	1	-1.9125748	0.08352889	1	0	0
0.16745907	1	9.43350638	0.08811101	1	0.01	0.008
0.23209944	1	0.24071171	0.72901675	1	0.21	0.228
0.99859127	1	0.24296887	0.37835573	1	0.171	0.126
0.01407235	1	-0.7109288	0.63533742	1	0.114	0.094
0.30884832	1	-8.9480227	0.15105729	1	0	0
2.94E-05	0.81035342	0.67038653	0.04282845	1	0.086	0.205
0.16745907	1	-0.0465426	1	1	0	0.008
0.70446388	1	1.37924624	0.50340362	1	0.019	0.008
0.32656232	1	0.35759738	0.19106066	1	0.19	0.315
0.63792001	1	-7.1623989	0.31142884	1	0	0.008
0.0329909	1	-0.1150961	0.79291098	1	0.381	0.394
0.45661771	1	-0.4494861	0.73150193	1	0.105	0.079
0.00535888	1	-0.4882067	0.59234134	1	0.105	0.055
0.02169565	1	0.16990823	0.54759665	1	0.038	0.047
0.48233466	1	0.02843275	0.49340325	1	0.21	0.189
0.20570866	1	-0.1721024	0.75846695	1	0.143	0.173
0.47413309	1	-7.84124	0.31142884	1	0.01	0
0.07318798	1	-0.1099142	0.55940374	1	0.01	0.055
0.55509174	1	0.39430751	0.55181672	1	0.086	0.102
0.96946131	1	-1.8060164	0.11391901	1	0.029	0.031
0.44563555	1	-0.0569918	0.86307299	1	0.133	0.126
0.73782177	1	-0.1804047	0.68418003	1	0.124	0.094
0.0755948	1	0.00133411	0.83763255	1	0	0
0.11927753	1	-0.1929547	0.7790552	1	0.029	0.039
0.03998678	1	-0.7650487	0.94847902	1	0.01	0.055
0.50447083	1	-0.3084191	0.93218006	1	0.029	0.024
0.05012925	1	-0.0465426	1	1	0	0.016
0.0755948	1	-1.5759457	0.70063932	1	0.019	0
0.23385587	1	1.99959598	0.98633536	1	0	0.016
0.47413309	1	3.00491872	0.1880184	1	0.029	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.50498751	1	-10.02426	0.04168349	1	0.01	0.008
0.03944164	1	-0.1622191	0.87627996	1	0.171	0.228
0.00320636	1	-0.1095829	0.68457504	1	0.057	0.11
0.14294557	1	0.42624732	0.10557949	1	0.133	0.071
0.83353452	1	0.08106595	0.98781157	1	0.067	0.118
0.48914035	1	-2.1413347	0.02152809	1	0.048	0.047
0.0834342	1	2.81115197	0.1880184	1	0	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
0.64367666	1	-7.776991	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0.01	0
0.28775756	1	-0.1060707	0.99408185	1	0.2	0.197
0.66790402	1	-0.4014905	0.19171867	1	0.238	0.228
0.32383038	1	0.85759668	0.09930368	1	0.105	0.055
0.94939346	1	0.47576624	0.76402386	1	0.076	0.063
0.04540961	1	0.54578875	0.04749139	1	0.352	0.315
0.02798782	1	0.07189297	0.73705051	1	0.048	0.157
0.03110196	1	1.15837355	0.00701759	1	0.114	0.126
0.19883188	1	-0.0903268	0.65353305	1	0.143	0.213
0.00033979	1	-0.0531377	0.76806964	1	0.39	0.575
0.74851449	1	-0.332519	0.79775531	1	0.181	0.126
0.24063843	1	-0.5190886	0.37489641	1	0.095	0.228
0.14969385	1	-0.1057012	0.98754859	1	0.495	0.472
0.96488335	1	-1.8133015	0.28252719	1	0.029	0.024
0.0851116	1	-0.3521823	0.63740372	1	0.095	0.071
0.12501947	1	-0.0938658	0.96117258	1	0.152	0.173
5.46E-08	0.00150648	-0.140282	0.5783849	1	0.105	0.15
0.00056424	1	-0.0663907	0.79439722	1	0.048	0.142
0.00678898	1	0.28451148	0.20270266	1	0.314	0.228
0.13709629	1	0.38368941	0.28887723	1	0.524	0.425
0.71499835	1	0.14142183	0.59195328	1	0.2	0.244
0.26473069	1	0.10183252	0.75022996	1	0.152	0.244
0.16745907	1	-0.0465426	1	1	0	0.008
0.25419385	1	-0.5580059	0.1888581	1	0.238	0.181
0.5026819	1	0.24103184	0.33954802	1	0.229	0.173
1	1	-0.0465426	1	1	0	0
0.38048698	1	0.02551397	0.79932816	1	0.238	0.173
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.00601286	1	0.04256563	0.59756628	1	0.2	0.197
0.96089352	1	-0.2537294	0.9622058	1	0.029	0.016
0.23986	1	-0.8305075	0.34113559	1	0.114	0.15
0.00288118	1	0.34112567	0.199307	1	0.105	0.087

0.36373785	1	0.86598216	0.14663279	1	0	0.008
0.36620968	1	-0.3037286	0.69531856	1	0.029	0.008
0.71048268	1	0.39847909	0.19909657	1	0.143	0.102
0.01711297	1	0.13759772	0.79904581	1	0.038	0.008
0.69444817	1	0.50677193	0.03635566	1	0.143	0.197
0.33831922	1	0.03015409	0.5447873	1	0.229	0.276
1	1	8.7080777	0.16448785	1	0	0
1.67E-07	0.00459537	0.11109891	0.28117764	1	0.171	0.228
0.9349955	1	-0.7512594	0.37049528	1	0.048	0.031
1	1	-0.0465426	1	1	0	0
0.08060378	1	-0.3701025	0.68813748	1	0.086	0.102
0.00496007	1	0.33022188	0.28084853	1	0.143	0.173
0.47413309	1	-8.4524524	0.31142884	1	0	0
0.64367666	1	-8.8714653	0.31142884	1	0.019	0.008
0.57710828	1	1.23117515	0.04544866	1	0.029	0.039
0.77481873	1	-1.4872085	0.62361645	1	0	0.016
0.47413309	1	-7.3372009	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.63792001	1	-6.6300567	0.31142884	1	0	0.008
0.50286734	1	0.3685889	0.51935603	1	0.105	0.079
0.13110702	1	-0.7866044	0.14606467	1	0.095	0.055
0.5063762	1	0.4052473	0.43576121	1	0.019	0.016
0.01067576	1	0.02214137	0.31138074	1	0.867	0.795
0.63792001	1	-6.6300567	0.31142884	1	0	0.008
0.22114379	1	1.27144669	0.67308317	1	0.01	0.024
1	1	8.47243055	0.32710281	1	0.019	0
0.3324334	1	-0.7159012	0.54879901	1	0.01	0.016
0.33607454	1	-6.6280485	0.01591455	1	0.038	0.016
0.7012089	1	0.0255453	0.72998009	1	0	0.031
0.47413309	1	-7.993511	0.31142884	1	0	0
0.47413309	1	-8.1359688	0.31142884	1	0	0
0.43979882	1	-1.5189611	0.20303025	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.1061377	1	-0.0432204	0.44598321	1	0.143	0.157
0.75986133	1	0.11800461	0.48034273	1	0.257	0.197
0.36303838	1	-1.6498866	0.00786722	1	0.057	0.055
0.02726183	1	0.432628	0.01256818	1	0.362	0.362
0.00011605	1	-0.0775627	0.96253441	1	0.695	0.717
0.26560908	1	-0.2727651	0.08779421	1	0.676	0.465
0.96089352	1	-0.1139908	0.7811564	1	0.019	0.016
0.65875931	1	-0.0534918	0.58214187	1	0.067	0.087
0.04321895	1	0.03631652	0.55421486	1	0.057	0.079

0.42761715	1	0.05651308	0.55364416	1	0.105	0.079
0.0039492	1	-0.1399242	0.55991782	1	0.21	0.157
0.16745907	1	6.41031691	0.32710281	1	0	0.008
0.89484422	1	-0.084466	0.97623735	1	0.533	0.52
0.23644964	1	1.18998306	0.33366442	1	0.01	0.016
0.47413309	1	-0.6055055	0.98178118	1	0.01	0
0.00471985	1	-0.1895659	0.67640739	1	0.295	0.22
1	1	-0.0465426	1	1	0	0
1	1	7.59022559	0.32710281	1	0	0
0.30884832	1	-9.6391689	0.15105729	1	0	0
0.05753763	1	0.12663228	0.48591414	1	0.505	0.409
0.48753884	1	0.1579687	0.12310396	1	0.733	0.646
0.62073596	1	-0.4186316	0.54734393	1	0.01	0.024
0.15981562	1	-0.5408921	0.01035368	1	0.495	0.323
0.36619013	1	0.36963889	0.30547079	1	0.086	0.118
0.00332929	1	0.02411923	0.93731257	1	0.295	0.362
0.23114639	1	-0.6158188	0.44257047	1	0.01	0.024
3.47E-12	9.57E-08	0.18614156	0.45372065	1	0.171	0.197
0.00734995	1	0.06706663	0.44083226	1	0.248	0.307
0.62391577	1	-0.1380266	0.51720317	1	0.362	0.307
1	1	-0.0465426	1	1	0	0
0.33616369	1	-0.2444897	0.27359803	1	0.171	0.15
0.49524626	1	-0.9202387	0.39595417	1	0.029	0.008
0.00532076	1	0.69574291	0.00846768	1	0.238	0.228
0.00013951	1	-0.473879	0.05627099	1	0.124	0.197
1	1	-0.0465426	1	1	0	0
0.65158956	1	0.70518033	0.18391514	1	0.038	0.087
0.47413309	1	-8.4934072	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.63792001	1	-8.0819992	0.31142884	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1.94E-05	0.53675394	-0.1921834	0.23615801	1	0.095	0.126
0.47413309	1	0.18299356	0.98633536	1	0.01	0
1	1	7.73425427	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	9.14637918	0.04861576	1	0	0
1	1	-0.0465426	1	1	0	0
0.00458925	1	-0.3206343	0.40634404	1	0.057	0.071
1	1	-0.0465426	1	1	0	0
0.96884453	1	0.57756734	0.22239024	1	0.076	0.063

0.00418602	1	0.06424741	0.97292516	1	0.257	0.165
0.97638791	1	-0.556142	0.97257202	1	0.01	0.008
0.22502458	1	-9.2984538	0.15105729	1	0	0.024
0.37384359	1	0.25466126	0.7246802	1	0.038	0.063
0.50498751	1	-0.9266346	0.67099324	1	0	0.008
0.29239969	1	1.09378741	0.1432453	1	0	0.039
0.63792001	1	0.96309355	0.98633536	1	0	0.008
1	1	-0.0465426	1	1	0.019	0
0.05012925	1	9.06994633	0.16448785	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.27493835	1	-0.4322366	0.33218346	1	0.048	0.047
1	1	-0.0465426	1	1	0	0
0.53746685	1	0.64831888	0.06376534	1	0.057	0.079
0.338427	1	-0.3369119	0.91421059	1	0.257	0.236
0.00044229	1	-0.7646448	0.14595434	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.93690515	0.32710281	1	0	0
0.40159959	1	-0.208373	0.17493046	1	0.467	0.402
0.13814579	1	0.05266305	0.28817187	1	0.143	0.205
0.45024219	1	0.19101924	0.55241596	1	0.162	0.134
0.51269082	1	0.4466289	0.31292822	1	0.01	0.031
8.15E-06	0.22489623	-0.0985562	0.83925693	1	0.286	0.236
0.00063928	1	0.11664282	0.45441846	1	0.067	0.173
0.42901238	1	-1.0140159	0.24117719	1	0.048	0.079
0.65439667	1	0.0008039	0.68887551	1	0.114	0.102
4.02E-09	0.00011082	0.46671923	0.00203874	1	0.667	0.748
0.51896739	1	0.09951014	0.7076512	1	0.276	0.228
0.4815393	1	-0.1301756	0.50796318	1	0.019	0.039
0.02302905	1	0.12637703	0.59597568	1	0.514	0.535
0.0755948	1	0.40764274	0.81822357	1	0	0
0.374322	1	0.18428301	0.67342461	1	0.2	0.094
0.7682557	1	-0.9510498	0.90914707	1	0.038	0.031
0.7787553	1	0.59641643	0.0689125	1	0.114	0.142
0.77013118	1	0.21053561	0.77985416	1	0.133	0.118
0.64612814	1	0.10593179	0.94243916	1	0.676	0.575
1	1	8.79694073	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0.019	0
1	1	-0.0465426	1	1	0	0
0.05907826	1	-0.1203642	0.47041756	1	0.438	0.331
0.39853513	1	-0.1331124	0.73286091	1	0.086	0.118
0.09480132	1	0.23808703	0.84309129	1	0.076	0.055
0.42324188	1	0.05117555	0.73222041	1	0.105	0.134

0.10162215	1	0.29011245	0.01870189	1	0.467	0.504
0.01639118	1	-0.0250769	0.91228684	1	0.171	0.189
0.26551877	1	-0.3249856	0.33121377	1	0.286	0.205
0.18378979	1	-0.342773	0.97640549	1	0.01	0.039
0.00044137	1	-0.005843	0.59062613	1	0.076	0.071
1.81E-05	0.50045146	-0.3647246	0.16647796	1	0.076	0.118
0.70659807	1	0.27706857	0.11808561	1	0.2	0.15
0.87525618	1	0.24946221	0.66162694	1	0.19	0.213
0.09567871	1	-0.0611055	0.62167513	1	0.438	0.457
1	1	-0.0465426	1	1	0	0
0.0650052	1	0.45844319	0.00705425	1	0.619	0.575
0.44159353	1	-1.4407646	0.18328781	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-2.9892195	0.98178118	1	0	0
0.30884832	1	-8.7062407	0.15105729	1	0	0
0.05980018	1	-0.3106204	0.73060639	1	0.419	0.37
0.07278212	1	0.00147407	0.68493325	1	0.181	0.134
0.24462743	1	0.76101783	0.33954704	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63703385	1	-0.6861403	0.36102788	1	0.171	0.15
0.27390742	1	-0.8190539	0.21477707	1	0.048	0.047
0.61828677	1	0.35514817	0.0894282	1	0.019	0.024
0.54286572	1	0.07504661	0.81623499	1	0.086	0.102
0.34230042	1	0.72057693	0.10122038	1	0.057	0.047
1	1	-0.0465426	1	1	0	0
0.98163398	1	1.71287116	0.67308317	1	0.01	0.008
0.51003251	1	0.70981433	0.68103189	1	0.01	0.016
0.23644964	1	0.29918876	0.33569097	1	0	0.016
1	1	9.29392442	0.02728712	1	0	0
0.50498751	1	-1.5251235	0.66875868	1	0.067	0.008
0.02345213	1	-0.071542	0.90887803	1	0.114	0.165
1	1	-0.0465426	1	1	0	0
0.99415692	1	0.41789408	0.21677706	1	0.038	0.063
0.47413309	1	2.44537753	0.58031208	1	0.01	0
2.20E-06	0.06071083	0.13360696	0.41739406	1	0.581	0.709
0.02602243	1	-0.3295147	0.99954856	1	0.229	0.197
0.23906368	1	-7.4172364	0.31142884	1	0	0.016

0.63792001	1	1.97180267	0.33164578	1	0	0.008
0.97488896	1	0.14870384	0.59721728	1	0.238	0.157
0.11752541	1	0.61276612	0.26281712	1	0.105	0.189
0.47413309	1	-7.1164071	0.31142884	1	0	0
0.16637051	1	0.15124044	0.55299307	1	0.029	0.039
0.05012925	1	7.93690515	0.32710281	1	0	0.016
0.26221924	1	-1.3484409	0.08398951	1	0.114	0.102
0.25369348	1	-0.3234358	0.68950041	1	0.086	0.031
0.02474534	1	-0.0421243	0.69313892	1	0.076	0.047
0.24328014	1	1.01603319	0.33645037	1	0.057	0.047
0.3698347	1	0.48745894	0.20653689	1	0.057	0.047
0.16745907	1	9.60205895	0.04861576	1	0.019	0.008
0.9284435	1	-0.5026925	0.05974956	1	0.267	0.268
0.1583989	1	-0.0990916	0.77462658	1	0.057	0.126
0.44496465	1	0.16454898	0.18467263	1	0.048	0.055
0.14189484	1	-0.59063	0.37227492	1	0.095	0.071
0.97578525	1	1.6494189	0.11861691	1	0.01	0.016
0.73122782	1	-0.164618	0.19141676	1	0.114	0.236
0.16745907	1	-0.0465426	1	1	0	0.008
0.07249211	1	0.05043391	0.14549688	1	0.01	0.055
0.98163398	1	-1.1958867	0.54567368	1	0	0.008
0.5063762	1	-0.7851449	0.97257202	1	0	0.016
1	1	8.90017395	0.16448785	1	0	0
0.05012925	1	7.864702	0.16448785	1	0.019	0.016
0.99701099	1	0.32542038	0.21328515	1	0.19	0.299
0.23644964	1	-0.057198	0.98178118	1	0	0.016
4.52E-21	1.25E-16	-0.0872226	0.40639633	1	0.171	0.197
6.16E-05	1	-0.172086	0.416002	1	0.229	0.11
0.7403205	1	0.55556232	0.22008144	1	0.086	0.071
0.47413309	1	-9.2298878	0.31142884	1	0	0
0.18081568	1	0.3474153	0.05119605	1	0.248	0.276
0.62912233	1	-1.040596	0.21117105	1	0.029	0.039
0.64367666	1	1.02805394	0.98633536	1	0	0.008
0.0755948	1	0.29570733	0.95962857	1	0	0
0.54033943	1	-0.6029836	0.16612765	1	0.219	0.181
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.85592888	1	-0.0131682	0.99905296	1	0.238	0.252
0.40461466	1	-0.0505548	0.51810316	1	0.048	0.031
0.1098666	1	0.15462451	0.68636842	1	0.648	0.591
0.21141637	1	0.97263307	0.22245629	1	0.029	0
0.28907833	1	0.9459974	0.43004065	1	0.029	0.039
0.0161918	1	-0.7849842	0.1770341	1	0.067	0.008

0.82224549	1	0.19413981	0.77312919	1	0.048	0.039
0.21141637	1	0.23430328	0.7416214	1	0.019	0
0.4659621	1	-0.3150705	0.85976231	1	0.095	0.047
1	1	-0.0465426	1	1	0	0
0.40982008	1	1.70428503	0.72315657	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.21141637	1	0.47501892	0.73699075	1	0	0
1	1	-0.0465426	1	1	0	0
0.54988788	1	0.23518949	0.44283529	1	0.086	0.094
0.40190742	1	1.89895519	0.33392162	1	0.038	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
0.67800437	1	-0.4753393	0.91745261	1	0.057	0.055
0.28907833	1	-2.4683698	0.23343947	1	0.029	0.039
0.19852148	1	0.04246811	0.97096043	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.6567017	0.98178118	1	0	0
1	1	8.84271154	0.16448785	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	5.42762774	0.32710281	1	0	0
0.97638791	1	0.01025414	0.68103189	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00035997	1	0.01498912	0.98378422	1	0.095	0.118
0.05012925	1	-0.0465426	1	1	0	0.016
0.74869428	1	-1.2384386	0.44320797	1	0.029	0.016
0.64367666	1	0.54607543	0.98633536	1	0	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	-8.5987952	0.31142884	1	0.01	0
0.19852148	1	-0.7494727	0.96568352	1	0.029	0.031
0.47413309	1	0.75402146	0.98633536	1	0	0
0.27985969	1	0.44933052	0.23232943	1	0.038	0.094
0.83318698	1	-0.2291324	0.81362365	1	0.21	0.189
0.75950723	1	-0.0338894	0.65209865	1	0.267	0.268
0.79445119	1	-0.0753834	0.51445741	1	0.01	0.016
0.65668373	1	-0.0235747	0.6611208	1	0.048	0.047
0.77873416	1	0.79942731	0.22539719	1	0.01	0.016
0.44334895	1	-0.2389745	0.39673363	1	0.381	0.37
1	1	-0.0465426	1	1	0	0
0.43158422	1	-1.4311019	0.28864095	1	0.019	0.039
0.79885086	1	-0.1379694	0.88012022	1	0.257	0.173
0.47934052	1	-0.2508447	0.56600548	1	0.133	0.15

1	1	-0.0465426	1	1	0	0
0.30884832	1	-9.1202673	0.15105729	1	0	0
0.00019858	1	0.40440687	0.79929633	1	0.029	0.11
0.97638791	1	-1.7231635	0.54567368	1	0.01	0.008
0.43619697	1	0.47400245	0.46798356	1	0.01	0.11
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.881374	0.98178118	1	0.01	0
0.76932632	1	-0.8012142	0.1520491	1	0.133	0.157
0.41138792	1	0.11433545	0.92909582	1	0.067	0.079
0.50825689	1	0.31176421	0.7811564	1	0	0.008
0.09365651	1	-0.060151	0.91692607	1	0.152	0.165
0.30877162	1	-0.7398735	0.87488595	1	0.067	0.087
0.01646186	1	0.4203576	0.50891479	1	0	0.055
0.16745907	1	4.64722057	0.32710281	1	0	0.008
0.61096469	1	1.03213143	0.11219214	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.23906368	1	2.80059856	0.06329784	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.98163398	1	-1.4201931	0.9693467	1	0	0.008
0.19551563	1	1.59850416	0.21954297	1	0.01	0.031
0.35418642	1	-0.3742717	0.60488109	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.59884751	1	-0.1958178	0.86345461	1	0	0.024
0.89179851	1	-0.0485751	0.8851254	1	0.495	0.331
0.1990808	1	0.26866182	0.87594362	1	0.324	0.236
1.15E-05	0.31691963	0.2114188	0.02740991	1	0.838	0.843
0.00447336	1	-0.0936708	0.34518277	1	0.067	0.031
0.01115296	1	0.0106202	0.59480799	1	0.171	0.244
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.9252476	0.31142884	1	0.019	0
0.03194695	1	0.08966354	0.33687861	1	0.124	0.197
0.13063231	1	0.19847389	0.20701896	1	0.362	0.378
0.63162972	1	-0.1931373	0.67389741	1	0.171	0.102
0.55675288	1	0.29907743	0.83498581	1	0.229	0.205
0.09871274	1	0.21875678	0.5520822	1	0.086	0.094
0.00507489	1	0.14380001	0.59518726	1	0.505	0.583
0.06013024	1	0.54809099	0.11404146	1	0.286	0.307
0.05367461	1	0.39230883	0.0973703	1	0.476	0.378
0.84017756	1	0.64581993	0.02825175	1	0	0.055
0.69180038	1	1.11188598	0.14416712	1	0.01	0.008
0.05560598	1	0.60129394	0.05588054	1	0.343	0.268
0.32046708	1	-0.4462981	0.52330429	1	0.162	0.157
0.63855559	1	0.78317662	0.12069368	1	0.019	0.024

0.62316808	1	-1.4373657	0.3868104	1	0.01	0.024
0.3647287	1	-0.2027675	0.94427791	1	0.067	0.047
0.2288252	1	0.25012333	0.48519354	1	0.029	0.024
0.50384542	1	0.38295965	0.47538181	1	0.076	0.102
0.69601219	1	-0.9757414	0.30421593	1	0	0.008
0.00131251	1	-0.1263172	0.97368012	1	0.029	0.039
0.47413309	1	-0.6846023	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-0.6620998	0.98178118	1	0	0.008
0.47413309	1	-0.3467671	0.98178118	1	0	0
0.64367666	1	-2.0735745	0.98178118	1	0	0.008
0.01395135	1	-0.2848315	0.87475617	1	0.038	0.016
1	1	-0.0465426	1	1	0	0
0.0780921	1	0.15199621	0.05827833	1	0.943	0.921
0.06635954	1	0.24164523	0.71785214	1	0.438	0.48
0.01170702	1	0.33535543	0.11346488	1	0.581	0.425
1	1	-0.0465426	1	1	0	0
0.62135692	1	-0.1093471	0.61909685	1	0.343	0.354
0.85398702	1	-0.1744503	0.52959401	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00080769	1	0.06706241	0.67927341	1	0.219	0.213
0.968338	1	0.77646124	0.98052491	1	0.038	0.016
0.00031711	1	-0.6544806	0.0523665	1	0.19	0.126
0.0020499	1	0.06707928	0.40887263	1	0.524	0.598
0.27720752	1	-1.0948973	0.05837388	1	0.067	0.031
0.33616728	1	0.12258637	0.15336111	1	0.2	0.307
0.51764311	1	-0.3546369	0.15588926	1	0.105	0.142
0.00044926	1	1.36479502	0.01680511	1	0.038	0.126
0.12054775	1	0.62714436	0.44268652	1	0.038	0.079
0.23644964	1	2.3699678	0.10920768	1	0	0.016
0.36620968	1	1.12072311	0.04385748	1	0	0.008
0.69829093	1	-0.3554336	0.77992219	1	0.105	0.181
0.19651289	1	0.83715053	0.10195423	1	0.038	0.008
1	1	-0.0465426	1	1	0	0
0.10568862	1	-0.0749633	0.78384682	1	0	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	9.13660539	0.08811101	1	0	0
1	1	-0.0465426	1	1	0	0
0.02229729	1	0.51342865	0.15199717	1	0.19	0.276
0.61109564	1	0.86231883	0.18750048	1	0.038	0.055
0.33874942	1	-0.5613741	0.23671754	1	0.124	0.157
1	1	-0.0465426	1	1	0	0

0.74323421	1	0.46588746	0.33731636	1	0.2	0.173
1	1	-0.0465426	1	1	0	0
0.32522786	1	-1.2848147	0.53003326	1	0.038	0.016
0.63792001	1	1.04692629	0.58351143	1	0	0.008
0.03936477	1	0.41039157	0.30699343	1	0.495	0.409
0.94923653	1	-0.2350535	0.76236377	1	0.181	0.079
0.69180038	1	-9.8882693	0.07816392	1	0	0.008
0.57710828	1	0.27338984	0.50347934	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.98163398	1	-1.509175	0.54257632	1	0	0.008
0.97972537	1	-0.422729	0.5794885	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.14820265	1	0.18748185	0.77699816	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.52509477	1	-0.177884	0.44608983	1	0.019	0.031
0.85998207	1	0.93539102	0.10157346	1	0	0.024
0.4817096	1	0.27892496	0.37073328	1	0.276	0.205
0.47413309	1	-0.3394602	0.58671897	1	0	0
0.47413309	1	-0.7321754	0.98178118	1	0.019	0
0.79036851	1	-1.6289538	0.14198916	1	0.029	0.031
0.05012925	1	-0.0465426	1	1	0	0.016
0.47413309	1	0.27155481	0.98633536	1	0	0
0.21141637	1	-0.4421923	0.9683218	1	0	0
0.02832805	1	-0.7193241	0.34731284	1	0.029	0.008
1	1	9.03871757	0.16448785	1	0	0
0.75449899	1	0.30422912	0.37806197	1	0.114	0.15
0.0125636	1	-0.3913521	0.22270245	1	0.057	0.031
0.61546722	1	-0.583968	0.74362482	1	0.095	0.047
0.18138601	1	0.15674828	0.81784657	1	0.067	0.039
0.11150822	1	-0.3014033	0.05025746	1	0.41	0.213
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.46285091	1	-0.4755937	0.27588237	1	0.171	0.165
0.47413309	1	-0.6038043	0.98178118	1	0	0
1	1	8.28680694	0.32710281	1	0	0
0.05012925	1	8.43042141	0.08811101	1	0	0.016
1	1	-0.0465426	1	1	0	0

0.20156097	1	-0.704718	0.74626143	1	0.01	0.031
0.01056745	1	2.27669957	0.19045963	1	0	0.039
1	1	5.45342005	0.32710281	1	0	0
0.17059728	1	-0.2566884	0.4046084	1	0.114	0.079
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.0736967	0.54567368	1	0	0
0.78265522	1	0.95862614	0.33392162	1	0.01	0.016
0.08548864	1	4.00524711	0.01235572	1	0.019	0.024
0.12101412	1	-0.2421235	0.55704706	1	0.105	0.063
0.89772976	1	0.16684425	0.75589171	1	0.019	0.102
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.3372009	0.31142884	1	0	0
0.67648374	1	0.40328297	0.13945287	1	0.171	0.181
0.62221503	1	0.21525822	0.68231983	1	0.162	0.134
1	1	-0.0465426	1	1	0	0
0.42051315	1	-1.3992242	0.9604081	1	0.01	0.024
0.08548864	1	-0.5855231	0.98178118	1	0.01	0.024
0.7928363	1	0.61452103	0.53843194	1	0.01	0.031
0.16745907	1	9.86028451	0.16448785	1	0	0.008
0.47413309	1	-6.8952857	0.31142884	1	0	0
0.28702127	1	0.35276783	0.37767605	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	2.39580904	0.19045963	1	0.019	0.008
0.70390665	1	-2.2818624	0.13952201	1	0.067	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.67371786	0.58031208	1	0	0
0.76969987	1	-1.5518356	0.32639015	1	0.086	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8691294	0.31142884	1	0	0
0.15155119	1	1.40129635	0.09829456	1	0.029	0.047
0.12320494	1	-0.3095035	0.6888856	1	0.324	0.299
1	1	-0.0465426	1	1	0	0
0.23794319	1	-0.8189641	0.71342404	1	0.01	0.047
0.30884832	1	-9.1246151	0.15105729	1	0.01	0
0.00353623	1	-0.6001777	0.00473415	1	0.486	0.567
1	1	4.62806907	0.32710281	1	0	0
0.14820265	1	-0.0688118	0.67996047	1	0	0
0.61760768	1	0.10997983	0.15242573	1	0.029	0.063
0.23906368	1	0.12490888	0.33569097	1	0.01	0.016
0.15026938	1	0.15283611	0.84287467	1	0.029	0.047

0.45046134	1	0.57048634	0.22875755	1	0.219	0.173
0.33250035	1	-0.0853911	0.75643165	1	0.286	0.244
0.63238941	1	-0.5019646	0.56786827	1	0.029	0.047
0.4285323	1	-0.3001283	0.6314546	1	0.171	0.142
0.51828945	1	0.18754835	0.66060221	1	0.095	0.134
0.30884832	1	-0.9609674	0.97257202	1	0.019	0
0.43706329	1	-0.8408688	0.87662225	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.2916365	1	0.13766977	0.60796497	1	0.038	0.071
0.08548864	1	0.91306428	0.58351143	1	0.029	0.024
1	1	9.79198342	0.08811101	1	0.01	0
0.57436691	1	-0.8180901	0.71159262	1	0	0.016
0.94284094	1	0.18631148	0.61615037	1	0.143	0.213
0.03577212	1	-0.4504185	0.05287771	1	0.181	0.134
0.52824759	1	0.08787162	0.71749185	1	0.352	0.378
0.33734149	1	-0.2686007	0.893145	1	0.057	0.055
0.18693138	1	-0.7623867	0.40692594	1	0.057	0.055
0.2173112	1	1.84681764	0.42800583	1	0	0.024
2.38E-06	0.06570163	-0.0992675	0.81296115	1	0.143	0.236
0.71932228	1	0.05317878	0.84548179	1	0.086	0.079
1	1	-0.0465426	1	1	0	0
0.93049582	1	-0.3049481	0.40365133	1	0.067	0.071
0.05582816	1	0.6828311	0.0170456	1	0.114	0.134
0.30884832	1	-2.150101	0.54257632	1	0.01	0
0.80607838	1	-0.0099954	0.95123387	1	0.038	0.024
0.21625644	1	-0.2036088	0.38272703	1	0.171	0.173
0.28580606	1	0.25427611	0.60270139	1	0.057	0.087
0.35120963	1	-0.8238056	0.07587775	1	0.029	0.055
0.00452431	1	-0.3345005	0.62465975	1	0.095	0.031
0.06776871	1	-0.1424575	0.81731646	1	0.086	0.118
0.31980013	1	-0.793865	0.17253674	1	0.124	0.094
1	1	-0.0465426	1	1	0	0
0.71685122	1	0.04175279	0.0607095	1	0.152	0.134
0.21707558	1	-1.3745232	0.01937576	1	0.114	0.071
0.80649555	1	0.1174445	0.58859046	1	0.048	0.047
0.14820265	1	-2.6090321	0.16707819	1	0.019	0
0.01733557	1	-0.0269216	0.95807012	1	0.095	0.063
1	1	7.9111607	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0	0
3.77E-07	0.01039835	-0.3306403	0.21319278	1	0.105	0.142
0.98163398	1	0.90079189	0.43771264	1	0	0.008
1	1	6.63383926	0.32710281	1	0.01	0
0.00911797	1	-0.4918282	0.21640569	1	0.114	0.008

0.18685635	1	-2.91284	0.17660226	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.50287876	1	1.02853961	0.59465998	1	0.019	0.031
0.38537373	1	-0.5296733	0.06413513	1	0.019	0.063
0.21141637	1	-9.0625847	0.07816392	1	0	0
0.21141637	1	-0.8739016	0.62618056	1	0.029	0
0.16745907	1	7.00888304	0.32710281	1	0	0.008
0.30884832	1	1.25294062	0.42993711	1	0	0
1	1	-0.0465426	1	1	0	0
0.16872758	1	1.1773516	0.76456217	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.34158419	1	-0.4708053	0.73937286	1	0.019	0.016
0.03193889	1	0.5402781	0.12205264	1	0.076	0.071
0.08445636	1	-2.970068	0.98178118	1	0	0.024
0.71337751	1	0.21083302	0.54699138	1	0.086	0.071
0.28577761	1	-0.1426734	0.6917023	1	0.038	0.031
1	1	-0.0465426	1	1	0.019	0
1	1	8.34292245	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.019	0
0.59574593	1	-0.2588205	0.936103	1	0.057	0.063
0.75526616	1	-1.9435677	0.23585479	1	0	0.016
0.96183197	1	0.58084873	0.81646444	1	0.019	0.024
0.16745907	1	9.29714346	0.16448785	1	0.01	0.008
0.61584182	1	0.2328875	0.76502589	1	0.029	0.024
0.14820265	1	0.54890578	0.56163707	1	0.01	0
0.31689979	1	-0.193481	0.78950468	1	0.019	0.079
0.47413309	1	3.53238402	0.06200015	1	0	0
0.12031816	1	-0.2003069	0.60478846	1	0.219	0.071
1	1	-0.0465426	1	1	0.01	0
0.03055637	1	0.41320817	0.1383185	1	0.314	0.173
1	1	-0.0465426	1	1	0	0
0.11794367	1	0.45026026	0.27867802	1	0.01	0.024
0.64367666	1	0.1655546	0.19292413	1	0	0.008
0.69851492	1	0.12556481	0.83056264	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.03633371	1	1.39685694	0.43576121	1	0.019	0.039
0.03357345	1	0.56136189	0.20562995	1	0.133	0.118
0.51515934	1	0.47158044	0.43802297	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.53885915	0.32710281	1	0	0
0.04136105	1	0.26269704	0.79623723	1	0.076	0.126

0.98559913	1	0.1934588	0.07355669	1	0.181	0.134
0.43382963	1	0.02154268	0.68033141	1	0.086	0.079
0.1688661	1	0.29192112	0.31825324	1	0.19	0.236
1	1	-0.0465426	1	1	0.01	0
0.65875591	1	0.22546346	0.12275161	1	0.419	0.362
0.88679117	1	-0.5625033	0.86497989	1	0.029	0.031
0.25759727	1	0.33129886	0.47852952	1	0.01	0.008
0.06014677	1	-0.3959626	0.55316342	1	0.124	0.071
1	1	-0.0465426	1	1	0	0
0.97114286	1	-10.222266	0.15105729	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.20226042	1	0.19269409	0.90893156	1	0.133	0.094
0.29672726	1	0.13300459	0.61639673	1	0.095	0.11
0.24047322	1	-0.2240087	0.50516422	1	0.152	0.197
0.94353696	1	0.26101288	0.35423889	1	0.01	0.024
0.52943664	1	-0.1043613	0.79723231	1	0.095	0.134
0.37798986	1	0.23756811	0.32303702	1	0.086	0.063
0.19371732	1	-0.415672	0.68370641	1	0.019	0.008
0.17565246	1	0.15864318	0.78695221	1	0.076	0.11
0.20901078	1	0.40923538	0.5060192	1	0.057	0.055
0.50273372	1	1.79386322	0.26887006	1	0	0.016
0.0541823	1	0.31928473	0.50544399	1	0.171	0.087
0.80512718	1	-0.1796344	0.80619465	1	0.219	0.181
0.01711362	1	-0.4310561	0.32913281	1	0.2	0.142
1	1	-0.0465426	1	1	0.01	0
0.0125631	1	0.51827824	0.12420809	1	0.133	0.181
0.6944367	1	-0.5768678	0.38555783	1	0.124	0.118
0.57436691	1	0.76054763	0.12024335	1	0.086	0.016
0.10536053	1	-10.614557	0.02261846	1	0.01	0
0.08873238	1	0.99660069	0.98225045	1	0.01	0.031
0.43126604	1	-1.2838431	0.72506264	1	0.086	0.031
0.77805323	1	0.56281887	0.83023801	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.23489969	1	-0.2175377	0.48213012	1	0.171	0.197
0.03640432	1	-1.4080843	0.01182504	1	0.029	0.016
0.26867755	1	-0.4160542	0.94650168	1	0.01	0.008
1	1	10.048492	0.04861576	1	0	0
0.63026333	1	-0.8600538	0.92142308	1	0.057	0.047
0.16745907	1	-0.0465426	1	1	0	0.008
0.30884832	1	-8.6816028	0.15105729	1	0	0
0.07430802	1	-0.7150162	0.36497218	1	0.095	0.055
0.81378655	1	-0.5276545	0.62164742	1	0.124	0.055
0.16745907	1	9.37585422	0.04861576	1	0	0.008

0.56648997	1	0.04871783	0.68835346	1	0.076	0.047
0.69601219	1	-0.6440397	0.97096043	1	0.01	0.008
0.03669445	1	0.1555913	0.55581043	1	0.562	0.598
0.36754455	1	-0.8049425	0.0798619	1	0.171	0.22
0.82824885	1	-9.9214969	0.02261846	1	0.019	0.024
0.17507659	1	0.0330586	0.63635192	1	0.21	0.157
1	1	-0.0465426	1	1	0	0
0.38777821	1	-0.654523	0.49535271	1	0.019	0.094
0.26390541	1	-0.001395	0.7748621	1	0.019	0.094
0.20309338	1	0.73545297	0.33800535	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
0.84110342	1	-0.3147386	0.33214115	1	0.267	0.268
0.3212493	1	-0.0649632	0.764228	1	0	0.047
0.98183461	1	0.00899029	0.71602372	1	0.219	0.228
0.02803784	1	0.18130813	0.37593245	1	0.505	0.457
0.16745907	1	8.73602098	0.32710281	1	0.01	0.008
0.01244472	1	-0.5977822	0.22925682	1	0.029	0.016
0.23248904	1	-0.3204004	0.47471167	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
0.17431475	1	-0.0090752	0.92507945	1	0.038	0.039
0.16745907	1	8.0282214	0.16448785	1	0	0.008
0.47413309	1	-7.9503806	0.31142884	1	0	0
0.15220559	1	-0.1909033	0.78944323	1	0.038	0.047
0.37878375	1	-0.4018676	0.62520536	1	0.038	0.055
0.2074929	1	-0.9595067	0.08745223	1	0.143	0.071
0.29417125	1	-0.3548773	0.82162723	1	0.124	0.197
0.69601219	1	1.74070855	0.21761603	1	0.019	0.008
0.02700918	1	-0.2659743	0.2168883	1	0.133	0.126
0.05927114	1	-1.4056024	0.12540649	1	0.019	0.024
0.15056286	1	1.78171567	0.13665082	1	0.076	0.047
0.22114379	1	2.31129052	0.10077132	1	0.01	0.024
0.2571292	1	-0.4272641	0.74507368	1	0.038	0.031
0.50825689	1	-0.8630688	0.66875868	1	0.029	0.008
0.12871179	1	0.08849972	0.74413529	1	0.095	0.134
0.80025204	1	-0.8879015	0.55133471	1	0	0.031
0.5607679	1	0.6011694	0.06470105	1	0.171	0.118
0.7468498	1	-0.3481636	0.42168927	1	0.343	0.299
0.47413309	1	-8.2432561	0.31142884	1	0	0
0.21141637	1	-0.1938864	0.63389996	1	0.01	0
0.78190573	1	0.55199038	0.26394693	1	0.019	0.047
0.64367666	1	-0.9439864	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.64367666	1	-7.5866057	0.31142884	1	0	0.008

0.00761433	1	0.00419233	0.90774998	1	0.095	0.157
0.42051315	1	0.79092221	0.50340362	1	0	0.024
0.47413309	1	0.60103724	0.98633536	1	0.01	0
0.45385425	1	-0.0495244	0.79322615	1	0.057	0.047
0.21926847	1	0.30250058	0.20852575	1	0.029	0.055
0.47413309	1	-8.2411557	0.31142884	1	0	0
0.51515934	1	0.44125556	0.43802297	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.80814758	1	-0.7105286	0.07488047	1	0.181	0.15
1	1	-0.0465426	1	1	0	0
0.25942163	1	1.50740095	0.07616774	1	0.01	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.75660372	1	0.16975679	0.68857207	1	0.105	0.094
0.78363649	1	0.90024291	0.03345835	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.77366608	0.16448785	1	0	0.008
0.67790426	1	-0.2849041	0.84407915	1	0.133	0.079
0.01227573	1	0.15973705	0.31722167	1	0.467	0.48
0.64367666	1	-0.5862537	0.33569097	1	0	0.008
0.09117384	1	-1.4719233	0.03892894	1	0.01	0.031
0.00292487	1	-0.12496	0.64891336	1	0.105	0.047
0.30884832	1	1.11577861	0.43771264	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	-1.7991157	0.54567368	1	0	0.008
0.28146199	1	0.62648054	0.36236107	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.97206132	1	-0.353884	0.67996047	1	0	0.016
0.02102196	1	-0.7224729	0.27653576	1	0.029	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	8.26660214	0.32710281	1	0	0
0.62229679	1	-0.4389132	0.38060114	1	0.19	0.126
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.70446388	1	-1.4520307	0.62361645	1	0.01	0.008
0.47413309	1	-8.4969153	0.31142884	1	0	0
0.64367666	1	0.16386554	0.58671897	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.75388057	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.93051997	1	-0.2898388	0.31874378	1	0.171	0.142
0.47413309	1	-7.6833108	0.31142884	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	8.67594906	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.1124777	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.60081856	1	-0.2089034	0.96509635	1	0.295	0.26
1	1	-0.0465426	1	1	0	0
0.36869196	1	-0.843049	0.45006907	1	0.01	0.008
0.968338	1	0.71890439	0.76663072	1	0.048	0.016
0.48382456	1	0.52746606	0.31324881	1	0.057	0.079
1	1	-0.0465426	1	1	0	0
0.23644964	1	-6.8411014	0.31142884	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	0.9492503	0.58351143	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00208919	1	-0.862178	0.35347797	1	0.219	0.071
0.26195915	1	-0.3080558	0.17145691	1	0.229	0.205
0.21313852	1	-0.0601089	0.36041584	1	0.133	0.11
0.84457312	1	0.83400596	0.07453345	1	0.038	0.071
0.96680725	1	-0.5430463	0.3680805	1	0	0.031
0.72340706	1	0.36580625	0.67399158	1	0.067	0.039
0.5730848	1	-0.5094291	0.62643412	1	0.114	0.126
0.47413309	1	-7.3221167	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.50532244	1	1.19779112	0.21383974	1	0.057	0.031
0.07098438	1	0.66992271	0.06873457	1	0.057	0.11
0.09406754	1	-0.4281025	0.25599757	1	0.029	0.063
0.70023339	1	-0.5435717	0.63389996	1	0	0.008
0.00155508	1	0.00325534	0.9836105	1	0.105	0.087
0.47413309	1	1.89026518	0.19168897	1	0.019	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.93549699	1	-0.3447271	0.41388246	1	0.038	0.079
0.39332775	1	0.22100677	0.62496988	1	0.21	0.189
0.00828965	1	0.42310999	0.23088781	1	0.238	0.268
0.22514049	1	-0.3326381	0.39636632	1	0.295	0.378
0.84091157	1	-2.2006278	0.23223841	1	0.029	0.024
0.35272551	1	-1.7408512	0.08550752	1	0.067	0.031

0.47413309	1	-8.5934183	0.31142884	1	0.01	0
0.63792001	1	1.10789769	0.58351143	1	0	0.008
0.42592056	1	-10.12067	0.07816392	1	0	0.024
0.47413309	1	-8.5407297	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.4172364	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.29056139	1	1.4480185	0.00981731	1	0.038	0.055
0.0032917	1	0.05365637	0.38356483	1	0.657	0.654
0.05012925	1	9.55141348	0.04861576	1	0.019	0.016
0.78835811	1	0.04805746	0.74248676	1	0.076	0.055
0.63792001	1	1.66851598	0.33164578	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.60578589	1	0.13813013	0.70503171	1	0.181	0.189
0.49895939	1	-0.4563107	0.1052881	1	0.295	0.291
0.69180038	1	-0.591961	0.5163119	1	0	0.008
0.62564696	1	-1.3321414	0.52860336	1	0.01	0.024
0.00012318	1	-0.5738178	0.1734845	1	0.01	0.26
1	1	8.55224542	0.32710281	1	0	0
0.51216637	1	-0.2143083	0.35362557	1	0.295	0.331
0.98163398	1	-0.8398046	0.97579778	1	0.019	0.008
0.00485495	1	0.2177892	0.55464308	1	0.057	0.157
0.16745907	1	-0.0465426	1	1	0	0.008
0.23385587	1	-7.6104449	0.31142884	1	0.038	0.016
0.30884832	1	-1.5403827	0.54257632	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-0.6495805	0.98178118	1	0.019	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.39100816	1	0.03974263	0.28616392	1	0.476	0.441
0.10809076	1	0.18111547	0.25448745	1	0.495	0.512
0.23385587	1	3.20305653	0.06243024	1	0	0.016
0.11905371	1	-0.4522134	0.05509127	1	0.41	0.394
0.2269089	1	0.18763958	0.55341065	1	0.143	0.142
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.78790282	1	-0.0333281	0.89132743	1	0.067	0.031
0.7618558	1	-0.1035108	0.95894483	1	0.038	0.016
0.10557269	1	0.16079163	0.44198548	1	0.133	0.236
0.47413309	1	0.62552007	0.19292413	1	0	0
0.74595219	1	0.03051076	0.87581604	1	0.457	0.409
0.03497843	1	-0.4085625	0.39744079	1	0.371	0.386

0.02818992	1	-0.2427822	0.63186097	1	0.352	0.402
0.7783637	1	-0.147017	0.59756668	1	0.162	0.134
0.51003251	1	0.83794607	0.43576121	1	0.019	0.016
0.87210014	1	-0.2141828	0.36686975	1	0.324	0.283
0.82509	1	-1.1539119	0.68732408	1	0	0.024
0.17472976	1	0.31598385	0.77699816	1	0.019	0.039
0.11688226	1	0.01453674	0.98056329	1	0.61	0.654
0.05682236	1	0.32659341	0.17622275	1	0.343	0.323
0.47413309	1	-0.751054	0.58671897	1	0	0
0.44489385	1	-0.052492	0.60636578	1	0.562	0.48
0.00084293	1	0.30805565	0.47293913	1	0.257	0.339
0.7114798	1	0.08409118	0.26435837	1	0.438	0.409
0.05947581	1	0.22379787	0.608798	1	0.143	0.189
0.78611646	1	0.04825528	0.97341146	1	0.105	0.079
0.8490277	1	-0.2021508	0.57534416	1	0.238	0.181
0.20159185	1	0.0138976	0.75525166	1	0.533	0.528
0.78928641	1	-0.8848878	0.03143752	1	0.229	0.22
0.55316383	1	-0.7139354	0.60151182	1	0.057	0.079
0.15277132	1	-0.4642462	0.87475617	1	0.038	0.039
0.47413309	1	-8.4064971	0.31142884	1	0	0
0.17281163	1	0.09819324	0.64601974	1	0.067	0.15
0.43645605	1	0.05610233	0.41039746	1	0.295	0.22
0.0723463	1	-1.2178022	0.27025936	1	0.038	0.008
0.28085873	1	-0.4790612	0.88972298	1	0.019	0.031
0.01128588	1	0.07688695	0.44748131	1	0.219	0.205
0.78284527	1	0.26375202	0.52072074	1	0.248	0.26
0.05960649	1	-0.1085063	0.42603188	1	0.457	0.543
0.3901297	1	0.24030306	0.82884976	1	0.314	0.236
2.29E-07	0.0063196	0.29046258	0.02613904	1	0.762	0.748
1	1	-0.0465426	1	1	0	0
0.78265522	1	-9.037439	0.07816392	1	0	0.016
0.47413309	1	-7.9118439	0.31142884	1	0	0
0.42008081	1	0.11984567	0.36430022	1	0.152	0.142
0.77968066	1	-0.9641721	0.72817245	1	0.019	0.039
2.70E-14	7.46E-10	-0.4672875	0.01444044	1	0.152	0.126
6.70E-06	0.18478827	0.2256417	0.35639996	1	0.581	0.661
0.31104026	1	-0.4541718	0.47897246	1	0.086	0.094
0.00049459	1	0.04997692	0.92394762	1	0.619	0.614
0.77572638	1	0.02138062	0.60075778	1	0.419	0.307
0.23385587	1	2.33224538	0.03707182	1	0	0.016
0.51933538	1	1.09274484	0.01819312	1	0.067	0.047
0.79051383	1	0.93809092	0.33527931	1	0	0.016
0.03116831	1	-1.0656708	0.13641792	1	0.048	0.039

0.01726889	1	0.33967191	0.31059375	1	0.076	0.079
1	1	8.06529187	0.32710281	1	0	0
0.13812355	1	-0.5875589	0.26380229	1	0.067	0.079
0.55898995	1	-0.3685177	0.91489075	1	0	0.055
0.25311148	1	-0.6397554	0.73263989	1	0.038	0.039
0.00722382	1	-0.3170127	0.20879744	1	0.257	0.181
0.3775765	1	-0.3264983	0.92602169	1	0.029	0.024
1	1	9.30135776	0.08811101	1	0	0
0.59386325	1	-2.1565456	0.13875447	1	0.01	0.016
0.01936596	1	0.01522695	0.56651267	1	0.095	0.094
1	1	-0.0465426	1	1	0	0
0.09766404	1	0.25330988	0.80941103	1	0.01	0.031
0.47413309	1	-8.0745061	0.31142884	1	0	0
0.76692129	1	-1.2771148	0.51429156	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.09623537	1	-0.140647	0.4233443	1	0.048	0.039
0.04520574	1	-1.0528171	0.1650877	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.10210847	1	-1.2376758	0.56106981	1	0.01	0.024
0.05288796	1	0.82241679	0.06469824	1	0.01	0.008
0.00692248	1	-0.8544127	0.1658242	1	0.029	0.047
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.2223845	0.31142884	1	0	0
1	1	8.12351469	0.32710281	1	0	0
0.44159353	1	1.08064898	0.01401444	1	0.029	0.016
0.47413309	1	-7.5866057	0.31142884	1	0.01	0
1	1	7.51925173	0.32710281	1	0	0
0.11632371	1	0.34427295	0.12634642	1	0.171	0.142
0.01124277	1	-2.1521881	0.01517963	1	0	0
1	1	-0.0465426	1	1	0	0
0.97638791	1	0.55955792	0.68103189	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.63865003	1	-0.0378855	0.75997582	1	0.143	0.15
0.73886103	1	-0.1885174	0.40779384	1	0.133	0.142
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.8333254	0.31142884	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.04794883	1	0.49286335	0.36023561	1	0.067	0.094
0.16520933	1	-0.4904336	0.61305999	1	0.038	0.039
0.10502413	1	0.69051915	0.37183557	1	0.038	0.016
0.16745907	1	7.68153222	0.16448785	1	0.01	0.008
0.65288393	1	0.00231211	0.59256101	1	0.095	0.102
0.16745907	1	6.57042383	0.32710281	1	0	0.008

0.28898486	1	0.08386361	0.90702723	1	0.105	0.087
1	1	5.59954361	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.03536703	1	-0.4500187	0.25319338	1	0.114	0.102
0.47413309	1	-6.8349806	0.31142884	1	0	0
0.08834738	1	-0.7502582	0.15417287	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.55156189	1	0.28000536	0.31027654	1	0.105	0.142
0.50825689	1	0.2914484	0.67996047	1	0.01	0.008
0.24276087	1	0.31727929	0.4594733	1	0.267	0.26
0.78193099	1	0.01883091	0.81275354	1	0.571	0.496
0.47413309	1	-7.0014575	0.31142884	1	0	0
0.56068122	1	-0.5877828	0.37123269	1	0.171	0.126
0.00013913	1	0.2804794	0.05086884	1	0.667	0.685
0.8471948	1	-0.0472913	0.60276312	1	0.105	0.071
0.145927	1	-0.2132612	0.59771479	1	0.038	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	6.264871	0.32710281	1	0.01	0
0.40312533	1	0.03354678	0.92588908	1	0.2	0.118
0.16745907	1	-0.0465426	1	1	0	0.008
0.24797287	1	0.52299461	0.17236207	1	0.038	0.039
0.3010778	1	-0.285144	0.93174977	1	0.048	0.079
0.47413309	1	-7.998109	0.31142884	1	0	0
0.22119619	1	0.0215021	0.94558508	1	0.038	0.031
0.62316808	1	0.90441498	0.12226986	1	0.019	0.024
0.41805739	1	-0.2105927	0.47889382	1	0.124	0.11
0.79305752	1	0.50668082	0.02875877	1	0.057	0.047
0.00101757	1	-0.49949	0.33141124	1	0.019	0.031
0.00040065	1	-1.0309761	0.04123069	1	0.057	0.031
0.47413309	1	-7.3177104	0.31142884	1	0	0
0.30884832	1	-8.2360896	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.1774951	0.32710281	1	0	0.008
0.04778055	1	0.28968196	0.06037199	1	0.581	0.504
0.75526616	1	-1.4471929	0.44491762	1	0.029	0.016
0.00472097	1	0.01295428	0.86545388	1	0.076	0.118
0.7453465	1	0.11858553	0.1998735	1	0.114	0.094
0.51370259	1	1.76638309	0.06330265	1	0	0.016
0.13019804	1	-0.3260873	0.83409592	1	0.057	0.055
0.9795097	1	0.06573468	0.68220943	1	0	0.016

0.4625237	1	-0.1325314	0.83316477	1	0.619	0.472
0.51079001	1	-0.204971	0.56118555	1	0.229	0.236
4.26E-05	1	-0.1585693	0.93995122	1	0.038	0.031
0.33046729	1	0.29637345	0.6626314	1	0.029	0.087
0.0032427	1	-1.2799201	0.07581742	1	0.029	0
0.49614213	1	0.22590534	0.62785786	1	0.057	0.063
0.95438563	1	-0.0114854	0.69450833	1	0.067	0.102
0.02510373	1	0.09937669	0.57984796	1	0.457	0.465
0.02502386	1	-0.9498229	0.26885393	1	0.048	0.016
0.04187218	1	0.28288023	0.43446851	1	0.248	0.346
1.15E-05	0.31608813	-0.1880369	0.67775866	1	0.143	0.165
0.00870296	1	0.36797707	0.10223884	1	0.067	0.102
0.97404041	1	-1.1843229	0.4846705	1	0.019	0.024
0.68335562	1	0.45507443	0.07569533	1	0.086	0.165
2.31E-07	0.00637008	-0.1148879	0.77416613	1	0.095	0.071
3.06E-06	0.08448703	-0.3476392	0.21546815	1	0.133	0.118
0.0001861	1	0.07175538	0.80860161	1	0.076	0.087
0.17882075	1	0.17833121	0.67013588	1	0.067	0.063
1.63E-05	0.44862013	-0.3483354	0.99929472	1	0.048	0.039
0.26338076	1	-0.0069341	0.82375858	1	0.219	0.197
0.47413309	1	-7.5818323	0.31142884	1	0	0
4.49E-05	1	0.36116718	0.04587214	1	0.476	0.63
0.30102735	1	0.09154634	0.66746443	1	0.381	0.402
1	1	-0.0465426	1	1	0	0
0.70023339	1	-1.0583461	0.6287492	1	0	0.008
0.78658181	1	1.57806615	0.0904904	1	0	0.016
5.02E-06	0.13855455	-0.0946424	0.617618	1	0.162	0.134
0.40932038	1	-0.9062157	0.74139149	1	0.057	0.047
0.07560726	1	-0.3649859	0.17843803	1	0.257	0.244
0.11203205	1	0.86247844	0.0204754	1	0.143	0.197
0.72284591	1	0.41891191	0.22120364	1	0.086	0.157
0.17986691	1	-0.1565571	0.87580672	1	0.048	0.047
0.54381297	1	-0.3370733	0.89930549	1	0.029	0.063
0.00128885	1	0.0603001	0.76576374	1	0.552	0.496
0.06737132	1	0.12968266	0.83004367	1	0.552	0.567
0.29836088	1	0.60700036	0.03819874	1	0.057	0.024
0.69027692	1	-1.3410981	0.13164039	1	0.019	0.039
0.00873399	1	-0.3669819	0.94883597	1	0.029	0.024
0.51996673	1	0.44231776	0.11724712	1	0.067	0.063
0.54112378	1	-0.3222458	0.53032551	1	0.152	0.15
0.03325065	1	0.08624403	0.38747596	1	0.19	0.268
0.76636873	1	-0.9704064	0.407625	1	0	0.047
0.62010994	1	0.1015316	0.96678408	1	0.01	0.024

1	1	6.19278429	0.16448785	1	0.01	0
0.47969352	1	0.29931865	0.17250287	1	0.038	0.094
0.00551534	1	0.69552843	0.06414193	1	0.257	0.323
0.9145188	1	0.28325696	0.76187247	1	0.219	0.142
0.00884885	1	0.01398197	0.72079511	1	0.333	0.402
0.9713186	1	-0.0390854	0.540738	1	0.143	0.236
0.03879206	1	-0.5459244	0.05499281	1	0.219	0.126
0.47413309	1	-6.8411014	0.31142884	1	0	0
0.15134208	1	0.18982658	0.66220369	1	0.01	0.024
1	1	8.55782071	0.32710281	1	0	0
0.81596702	1	-0.168803	0.75005613	1	0.305	0.331
0.07731842	1	-0.2459573	0.97177086	1	0.057	0.087
0.32172994	1	-0.212249	0.23755226	1	0.41	0.402
1	1	8.54262748	0.16448785	1	0.01	0
0.19311171	1	-0.880326	0.07587775	1	0.038	0.047
0.2399307	1	0.09976119	0.66386635	1	0.229	0.213
0.19198571	1	-0.0252852	0.49864937	1	0.181	0.268
0.49524626	1	0.06825144	0.77907649	1	0.01	0.008
0.4438687	1	-0.602789	0.33617112	1	0.029	0.016
1.08E-06	0.02976846	-0.150522	0.59628388	1	0.105	0.094
0.66889741	1	-1.083334	0.88315021	1	0.038	0.063
0.47413309	1	1.59725793	0.19168897	1	0	0
0.57698761	1	0.90675075	0.18085822	1	0.057	0.071
0.63333897	1	-1.0525296	0.0282179	1	0.143	0.157
0.11580459	1	-0.5250238	0.85668167	1	0.01	0.063
0.85243246	1	-0.9167452	0.07446119	1	0.057	0.071
0.04283401	1	0.02050807	0.95497283	1	0.019	0.094
0.83965535	1	0.9933697	0.0850667	1	0.076	0.157
0.5063762	1	1.80616912	0.10304143	1	0	0.016
0.47413309	1	1.21361955	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.01468202	1	0.19710663	0.06624055	1	0.495	0.504
0.15300811	1	-0.7101229	0.17147453	1	0.248	0.197
0.08816255	1	-1.9753689	0.30042403	1	0.01	0.039
0.95957259	1	-0.2855784	0.60026996	1	0	0.047
0.5063762	1	-1.3868283	0.54257632	1	0	0.016
0.47413309	1	-0.0347806	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
0.95717252	1	-0.6479174	0.78740547	1	0.01	0.016
0.12524255	1	-0.8508051	0.00682437	1	0.429	0.362
0.51388533	1	-0.8566166	0.11667273	1	0.114	0.165
0.06810314	1	0.07501667	0.35286986	1	0.781	0.748
0.33231587	1	-0.1058244	0.73427022	1	0.657	0.583

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.36294357	0.08811101	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.21141637	1	0.42127504	0.97359938	1	0.01	0
0.64367666	1	1.27195065	0.19168897	1	0.01	0.008
0.79445119	1	-0.8532604	0.30421593	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.22698312	1	-1.9602268	0.54257632	1	0.01	0.024
0.47413309	1	-9.2223845	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.00527304	1	-1.7418537	0.006791	1	0.086	0.055
0.21926847	1	-0.7688906	0.73497237	1	0	0.055
0.08548864	1	1.59061527	0.33366442	1	0.048	0.024
1	1	7.12728177	0.32710281	1	0	0
0.16745907	1	6.48509506	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.46665735	1	0.52511618	0.19878456	1	0.21	0.126
7.40E-08	0.00204261	0.02736711	0.66907311	1	0.686	0.772
0.01998845	1	0.09729101	0.35414	1	0.543	0.551
0.07091799	1	1.54800113	0.13882244	1	0.057	0.055
0.07261528	1	-0.1884325	0.46856176	1	0.2	0.362
0.79147923	1	-0.1675622	0.41012565	1	0.124	0.11
0.18775226	1	0.26377762	0.12881554	1	0.505	0.433
0.13502659	1	-0.4571609	0.45515318	1	0.162	0.134
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.70446388	1	-9.1100004	0.07816392	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00823433	1	-1.8612886	0.04447621	1	0.048	0
1	1	-0.0465426	1	1	0	0
0.16808465	1	-0.371512	0.80327684	1	0	0.024
0.72245935	1	0.09500628	0.73310972	1	0.152	0.079
0.43776491	1	-0.0215874	0.58459966	1	0.086	0.063
0.75860365	1	-0.8620426	0.33003613	1	0	0.024
0.47413309	1	1.75886994	0.58031208	1	0.01	0
1	1	10.1764776	0.01548432	1	0	0
0.51003251	1	1.26750053	0.43576121	1	0	0.016

0.04980454	1	-0.4863233	0.5305799	1	0.057	0.11
0.47413309	1	-2.7300022	0.98178118	1	0	0
2.17E-06	0.05987053	0.50066247	0.00743003	1	0.543	0.543
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	0.78038647	0.58351143	1	0	0
0.2794462	1	-0.7582431	0.23250669	1	0.048	0.055
0.75471704	1	0.02188641	0.43241302	1	0.229	0.252
0.43699148	1	0.60999698	0.15882826	1	0.067	0.063
1	1	-0.0465426	1	1	0	0
0.65355165	1	-0.1279001	0.92076921	1	0.438	0.315
1	1	8.24577905	0.32710281	1	0	0
0.78265522	1	-2.342629	0.29853994	1	0	0.016
0.63792001	1	-7.1918929	0.31142884	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.70660813	1	-0.6961444	0.71342404	1	0.019	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
0.40542671	1	0.07095855	0.52871008	1	0.038	0.063
1	1	7.22089053	0.32710281	1	0	0
0.21141637	1	-1.4179422	0.30231602	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.80520593	1	0.19275034	0.44164519	1	0.029	0.031
0.47413309	1	3.09395791	0.03655353	1	0	0
0.03290706	1	0.43097482	0.35530346	1	0.048	0.071
0.69601219	1	-1.3977899	0.9604081	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.24614674	1	-0.6035675	0.91681722	1	0.019	0.016
1	1	-0.0465426	1	1	0.01	0
0.43903987	1	-0.1465886	0.92053439	1	0.524	0.465
0.5590549	1	2.0278663	0.00534529	1	0.01	0.039
0.00560846	1	-0.5522998	0.54877979	1	0.019	0.055
0.40982008	1	-0.1999365	0.97359938	1	0.076	0.024
0.97206132	1	-1.6845306	0.16819352	1	0.029	0.016
0.30884832	1	-2.5364397	0.54257632	1	0	0
0.47413309	1	-7.920542	0.31142884	1	0.01	0
0.47413309	1	-2.1820349	0.98178118	1	0	0
0.0032306	1	0.70308181	0.24177394	1	0.124	0.173
3.82E-05	1	1.09175646	0.00115476	1	0.314	0.354
0.16745907	1	9.87351292	0.08811101	1	0	0.008
0.47413309	1	-8.7404105	0.31142884	1	0	0
4.62E-07	0.01273946	-0.2951235	0.40700973	1	0.086	0.094
8.52E-05	1	0.19734983	0.66666413	1	0.067	0.102
0.00272416	1	0.15648206	0.67677342	1	0.181	0.134

1	1	-0.0465426	1	1	0	0
0.50172925	1	-0.1166899	0.3922811	1	0.01	0.008
0.00513201	1	0.51733086	0.77795175	1	0.181	0.102
1	1	-0.0465426	1	1	0	0
0.48291428	1	0.80242091	0.10171185	1	0.257	0.134
0.00573551	1	0.21480284	0.26923627	1	0.448	0.394
1	1	-0.0465426	1	1	0	0
0.51515934	1	-0.1394587	0.8107037	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
0.662873	1	-0.1633427	0.44720279	1	0.571	0.457
0.47413309	1	0.81358743	0.33366442	1	0	0
0.03798645	1	0.01703341	0.35303052	1	0.39	0.449
0.3733358	1	-0.0459793	0.95465229	1	0.048	0.094
0.29604062	1	-0.3821547	0.20411403	1	0.181	0.276
0.16745907	1	-0.0465426	1	1	0	0.008
0.05288796	1	-0.6755879	0.75941747	1	0.038	0.008
1	1	-0.0465426	1	1	0	0
0.20595908	1	0.97359519	0.07411128	1	0.038	0.071
1	1	-0.0465426	1	1	0	0
0.09529135	1	0.2144442	0.37785157	1	0.143	0.11
0.04707192	1	0.38401511	0.04327818	1	0.705	0.591
0.7817137	1	-0.2215852	0.16812975	1	0.143	0.197
0.66302864	1	-1.7667601	0.04393026	1	0.076	0.055
0.97638791	1	-2.184172	0.54257632	1	0	0.008
0.94658432	1	-0.6913523	0.29235171	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00010313	1	0.01904721	0.15501195	1	0.057	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.55281298	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.76414571	1	0.46486951	0.28572022	1	0	0.024
2.57E-05	0.71059922	-0.1914723	0.66577314	1	0.171	0.087
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.35620995	1	0.15015826	0.58225449	1	0.057	0.063
0.16745907	1	8.89150286	0.16448785	1	0	0.008
0.35591151	1	-0.3693384	0.6421409	1	0.048	0.055
0.66637718	1	1.63525574	0.01099905	1	0.038	0.031

0.6323814	1	0.05075779	0.9622058	1	0.019	0.024
0.41781517	1	-0.0639817	0.51911807	1	0.057	0.031
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.5516746	0.15105729	1	0	0
0.07626063	1	-0.8582121	0.00783684	1	0.371	0.244
0.47413309	1	-7.9445676	0.31142884	1	0.019	0
0.22484603	1	1.32573208	0.40901332	1	0.057	0.063
0.21141637	1	-1.9670567	0.30042403	1	0.01	0
0.23537604	1	0.20459693	0.2114411	1	0.41	0.386
0.13913661	1	0.5088943	0.0586449	1	0.105	0.126
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.22990517	1	0.23882604	0.40469933	1	0.476	0.457
0.97114286	1	-8.058385	0.15105729	1	0.019	0.008
0.00206742	1	0.45118865	0.03271436	1	0.514	0.559
0.14820265	1	-0.6068389	0.57560187	1	0	0
0.71121767	1	-0.8765818	0.25426869	1	0.124	0.102
0.76026905	1	-1.1463992	0.00760925	1	0.124	0.126
0.47413309	1	-0.4632369	0.98178118	1	0.019	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.90968876	1	-0.3114357	0.87373012	1	0.048	0.102
0.45732041	1	0.16681896	0.95673346	1	0	0.047
0.9241791	1	0.63082366	0.23011771	1	0.038	0.102
0.63792001	1	2.44311499	0.33164578	1	0.029	0.008
0.98163398	1	-8.2752227	0.15105729	1	0	0.008
0.60548447	1	0.15716155	0.70988536	1	0.029	0.063
0.30884832	1	-1.173336	0.9693467	1	0	0
0.65211151	1	0.33163367	0.81943901	1	0.038	0.063
0.91396263	1	-0.6801278	0.01671839	1	0.21	0.197
0.00569056	1	-0.8657152	0.09427314	1	0.029	0.016
0.01390998	1	-0.0073371	0.70881537	1	0.152	0.079
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.5205685	1	0.0447752	0.92676946	1	0.448	0.378
0.64367666	1	-8.9333566	0.31142884	1	0	0.008
0.70130585	1	-0.7026504	0.01877441	1	0.286	0.213
1	1	-0.0465426	1	1	0	0
0.50172925	1	-2.3974255	0.16707819	1	0	0.008
0.60005375	1	-0.7321776	0.33864553	1	0.019	0.039

0.91628137	1	-0.3115056	0.76421839	1	0.19	0.165
0.02868522	1	-0.1637676	0.9219056	1	0.305	0.354
0.50273372	1	1.00042378	0.43576121	1	0	0.016
0.51785698	1	-0.0181047	0.44621163	1	0.181	0.157
1	1	-0.0465426	1	1	0	0
0.52024585	1	-0.512993	0.80206356	1	0.067	0.126
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.00828267	1	-0.1945346	0.68901802	1	0.2	0.134
0.12926084	1	-0.3684114	0.98726117	1	0.057	0.063
0.00384813	1	0.23277209	0.42173481	1	0.39	0.299
0.38509222	1	0.0533133	0.58979275	1	0.095	0.071
1	1	-0.0465426	1	1	0	0
0.66416151	1	0.2691287	0.74598051	1	0.19	0.252
0.78658181	1	0.55094568	0.6287492	1	0	0.016
0.02102235	1	-0.1464554	0.97377017	1	0.219	0.205
0.16745907	1	-0.0465426	1	1	0	0.008
0.97206132	1	-0.2620771	0.7853209	1	0	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
0.10058092	1	0.30665023	0.77845836	1	0.019	0.008
0.08892124	1	-0.1845624	0.96568352	1	0	0.039
0.09976451	1	0.06882469	0.51170708	1	0.533	0.331
0.00912558	1	0.18619595	0.07298528	1	0.438	0.472
0.2172599	1	-0.0459648	0.57214281	1	0.124	0.118
0.76692129	1	0.12243024	0.73497237	1	0.01	0.024
0.98251166	1	0.22523957	0.29842827	1	0.086	0.079
0.70023339	1	0.66416752	0.50523717	1	0	0.008
0.0007001	1	0.41941567	0.11241326	1	0.162	0.276
0.8203914	1	0.10092481	0.93276108	1	0.057	0.047
0.00033054	1	0.19246648	0.1046259	1	0.429	0.457
4.50E-07	0.01241736	-0.2803422	0.16997485	1	0.143	0.142
0.9795097	1	-1.4341978	0.16931443	1	0.019	0.016
0.0003334	1	-0.6366263	0.27433343	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
4.35E-12	1.20E-07	-0.205554	0.30277201	1	0.181	0.173
0.02780116	1	-0.3253233	0.69884202	1	0.133	0.197
0.50453172	1	0.8955858	0.0040839	1	0.143	0.205
0.24272723	1	-0.1107784	0.46014763	1	0.048	0.063
0.36126045	1	-0.4917821	0.43904603	1	0.114	0.15
4.44E-05	1	-0.3268722	0.91374484	1	0.019	0.047
0.01603718	1	-0.2565844	0.13368348	1	0.314	0.307
0.02938965	1	0.0584067	0.27846812	1	0.61	0.606
1	1	-0.0465426	1	1	0	0

0.20794571	1	0.48892591	0.20272304	1	0.162	0.11
0.00047899	1	-0.7089744	0.51143586	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.59243215	1	0.07597228	0.5729931	1	0.038	0.079
0.5799063	1	1.34714125	0.11756888	1	0.019	0.016
0.03768072	1	-0.1227522	0.76497636	1	0.305	0.307
0.00035652	1	0.29236949	0.07130697	1	0.686	0.709
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.84750404	1	0.46530931	0.14901869	1	0.124	0.094
0.1525076	1	0.2534628	0.31523601	1	0.152	0.173
0.21060605	1	0.07791247	0.32249518	1	0.276	0.378
0.08672553	1	-0.1601327	0.19187966	1	0.667	0.559
0.41684389	1	-0.4082811	0.42126873	1	0.019	0.024
0.00040437	1	-0.3229571	0.36916904	1	0.267	0.213
0.00230058	1	0.16452957	0.18860168	1	0.324	0.276
0.10831276	1	0.09422388	0.35263332	1	0.4	0.48
5.47E-08	0.00150862	0.12730991	0.39938164	1	0.562	0.417
0.64988411	1	0.25821206	0.08715426	1	0.286	0.157
0.10130146	1	-0.1114225	0.84967929	1	0.371	0.512
0.4397619	1	0.03409133	0.84027907	1	0.076	0.079
8.83E-05	1	-0.4536226	0.06135302	1	0.143	0.142
0.96461538	1	1.0324783	0.97365352	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.65518254	1	-0.4524972	0.12151605	1	0.429	0.362
0.77750708	1	-0.338806	0.86004746	1	0.143	0.094
1.63E-06	0.04496326	-0.3181542	0.10096447	1	0.057	0.071
0.00014996	1	-0.0784181	0.36695802	1	0.238	0.291
0.01845917	1	0.07144693	0.2025969	1	0.095	0.087
0.55252817	1	0.03064979	0.87326409	1	0.467	0.504
0.0311604	1	0.33933445	0.22825022	1	0.571	0.402
9.95E-05	1	0.08779877	0.65228363	1	0.162	0.126
1	1	-0.0465426	1	1	0.01	0
0.30884832	1	-9.5858569	0.15105729	1	0	0
0.06745557	1	-0.2376673	0.30837674	1	0.314	0.315
3.98E-06	0.10980854	0.20203906	0.05871967	1	0.867	0.803
0.15692895	1	-0.4345914	0.92910527	1	0.076	0.071
0.16745907	1	-0.0465426	1	1	0	0.008
0.01299193	1	-0.5272666	0.97482914	1	0.029	0.016
0.64367666	1	0.21990705	0.03759635	1	0	0.008
1	1	-0.0465426	1	1	0.01	0

0.31800779	1	-0.0690723	0.84519997	1	0.105	0.22
3.35E-07	0.009236	-0.021406	0.88043022	1	0.124	0.15
0.00356013	1	-0.3564076	0.49634572	1	0.086	0.102
1.67E-13	4.62E-09	-0.2777165	0.10433667	1	0.19	0.142
0.63073885	1	0.6456499	0.41662042	1	0.067	0.079
0.16745907	1	7.52060469	0.32710281	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.1420014	1	0.15798211	0.93331771	1	0.238	0.22
1	1	-0.0465426	1	1	0	0
0.33607454	1	-0.9684231	0.3597062	1	0.019	0.016
1	1	-0.0465426	1	1	0.01	0
0.00310687	1	0.05953374	0.96405909	1	0.238	0.205
0.36674604	1	0.12956079	0.46512989	1	0.105	0.087
1	1	-0.0465426	1	1	0	0
0.20178309	1	-0.1243983	0.32104963	1	0.543	0.449
0.1523248	1	-0.7543413	0.17094112	1	0.076	0.087
0.6607141	1	-0.1400191	0.14184749	1	0.371	0.323
0.31008971	1	-0.6657912	0.93554698	1	0.029	0.055
0.00688632	1	0.54513974	0.07012095	1	0.086	0.11
0.52035069	1	0.01693482	0.7796589	1	0.048	0.031
0.17594909	1	-1.17931	0.39045234	1	0	0.039
0.89214105	1	-0.277425	0.18216801	1	0.6	0.457
1	1	-0.0465426	1	1	0	0
1	1	8.39932126	0.32710281	1	0	0
0.50498751	1	0.23613747	0.77492143	1	0.019	0.008
0.9511277	1	-2.1572487	0.25886399	1	0.048	0.039
0.11370748	1	-0.0407534	0.87404825	1	0.01	0.055
0.61413827	1	-0.9927937	0.13183568	1	0.076	0.079
0.95336768	1	0.18453771	0.78197537	1	0.219	0.118
0.45684427	1	0.07263192	0.73278832	1	0.114	0.102
0.28676662	1	0.70633566	0.04291037	1	0.2	0.236
0.06735386	1	1.46863857	0.2084416	1	0.01	0.055
1	1	-0.0465426	1	1	0	0
0.11594039	1	0.15078731	0.0933323	1	0.562	0.622
1	1	-0.0465426	1	1	0	0
0.22307814	1	0.47450094	0.67837832	1	0	0.024
0.97638791	1	-2.0113507	0.54257632	1	0	0.008
0.47413309	1	2.16603665	0.11067966	1	0.01	0
0.31294863	1	-0.2489288	0.87597567	1	0.048	0.055
1	1	-0.0465426	1	1	0	0
0.25559434	1	1.78882862	0.00017167	1	0.048	0.047

0.00082968	1	0.14197394	0.58220926	1	0.876	0.835
0.08639742	1	0.08436767	0.58158333	1	0.61	0.583
0.98163398	1	0.93727888	0.67572874	1	0	0.008
0.68665622	1	-0.3540534	0.26968111	1	0.181	0.134
0.8963826	1	0.45211733	0.06804147	1	0.143	0.15
0.17523431	1	0.40070657	0.23606954	1	0.133	0.102
0.03155982	1	0.45811118	0.42904635	1	0.086	0.031
0.38054861	1	-0.4311473	0.09006599	1	0.152	0.157
0.21141637	1	-1.8007169	0.30042403	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.36373785	1	-0.3635051	0.69732252	1	0	0.008
0.69045583	1	0.51358024	0.34474865	1	0.029	0.031
0.35062671	1	0.42573419	0.30496555	1	0.133	0.126
0.0038676	1	0.11145054	0.62517786	1	0.124	0.11
0.32602561	1	0.41114851	0.29441835	1	0.105	0.142
0.10536053	1	-1.1187007	0.44320797	1	0	0
0.47413309	1	0.71743538	0.98633536	1	0.01	0
0.80003172	1	-0.0063497	0.69458309	1	0.114	0.11
0.47413309	1	0.40879623	0.33569097	1	0.01	0
0.246021	1	-0.9823372	0.10218515	1	0.095	0.142
5.14E-06	0.14195367	0.1677248	0.41473909	1	0.21	0.362
0.00142676	1	0.46853264	0.12406274	1	0.095	0.197
0.20775774	1	-0.1437749	0.70753486	1	0.505	0.496
3.54E-08	0.00097721	0.41415425	0.0467357	1	0.571	0.701
0.09469789	1	-0.2907436	0.87259268	1	0.114	0.165
0.29434785	1	-0.1218901	0.55016733	1	0.286	0.307
0.75923393	1	-0.3013979	0.68997651	1	0.143	0.118
0.32312877	1	0.43754924	0.01020903	1	0.457	0.378
0.97985348	1	-0.0712662	0.58145486	1	0.562	0.465
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.12728177	0.32710281	1	0	0
0.63792001	1	-7.6833108	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	5.42762774	0.32710281	1	0.01	0
1	1	4.64722057	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.40461466	1	1.39826834	0.02139939	1	0.01	0.055
0.02337977	1	-0.0358565	0.71505181	1	0.667	0.575
0.08337643	1	0.06482704	0.49263863	1	0.543	0.52
0.86818364	1	-0.6666317	0.89191663	1	0.105	0.071
0.08416995	1	0.12198985	0.51528334	1	0.162	0.173
0.17077539	1	0.17125689	0.1220205	1	0.733	0.669

0.74216975	1	-0.2225693	0.7531818	1	0.105	0.118
0.43384692	1	0.42236055	0.45642857	1	0.057	0.063
0.02505452	1	-0.3495232	0.75653697	1	0.057	0.031
0.127064	1	0.16498038	0.18912901	1	0.857	0.803
0.01444212	1	-0.1297945	0.17234671	1	0.886	0.803
0.02879842	1	0.02154365	0.21965268	1	0.533	0.535
0.71198167	1	-0.1419955	0.90500471	1	0.067	0.087
0.05377835	1	-0.3641071	0.19715806	1	0.181	0.15
0.00366855	1	0.11703321	0.60081594	1	0.152	0.244
0.63792001	1	1.02181285	0.58031208	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	6.72849109	0.32710281	1	0.01	0
0.45545185	1	-0.7608886	0.3680805	1	0.038	0.047
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.14917351	1	-1.1015638	0.03461814	1	0.105	0.047
0.47413309	1	-7.4172364	0.31142884	1	0.01	0
0.65717944	1	-0.1486943	0.82086819	1	0.362	0.283
0.16847875	1	0.10333916	0.46475328	1	0.143	0.134
0.01394437	1	0.16354205	0.34627182	1	0.667	0.63
0.02776321	1	-0.1853432	0.1678472	1	0.705	0.606
0.0987903	1	-0.5994323	0.15473697	1	0.19	0.173
0.4438687	1	-2.8804233	0.08066684	1	0.01	0.016
0.26074552	1	-0.3290862	0.88869494	1	0.029	0.047
1	1	-0.0465426	1	1	0	0
0.01093302	1	-0.4957448	0.06958855	1	0.133	0.134
1	1	-0.0465426	1	1	0	0
0.64367666	1	-0.7680417	0.33569097	1	0.01	0.008
0.07885687	1	-0.6132434	0.02058548	1	0.229	0.181
0.10034175	1	0.60740093	0.0199248	1	0.029	0.071
0.36869196	1	-9.8560868	0.02261846	1	0	0.008
0.00184118	1	-0.2146674	0.87977521	1	0.019	0.039
1	1	-0.0465426	1	1	0	0
0.35624906	1	0.18154915	0.77492143	1	0.019	0.031
0.69601219	1	0.82093905	0.73006268	1	0.019	0.008
0.47413309	1	0.37499863	0.98633536	1	0	0
0.70023339	1	-1.3595912	0.30231602	1	0	0.008
1	1	8.8012324	0.16448785	1	0.019	0
0.47413309	1	-1.7081913	0.98178118	1	0	0
0.77526587	1	0.58545269	0.14298336	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.02563577	1	0.53534464	0.11143249	1	0.048	0.087
0.69601219	1	-1.0781777	0.75091068	1	0	0.008

0.01995881	1	-0.417239	0.36523402	1	0.076	0.134
0.38113949	1	0.21201304	0.79341131	1	0.181	0.205
0.78658181	1	0.07891045	0.97096043	1	0	0.016
0.47413309	1	-7.5836867	0.31142884	1	0	0
0.13165365	1	-0.290497	0.95536636	1	0.095	0.142
1	1	8.96227486	0.32710281	1	0	0
0.64560195	1	0.21184641	0.6247978	1	0.448	0.291
0.00622873	1	-0.1561922	0.43064171	1	0.524	0.52
0.30877177	1	0.27870182	0.35652366	1	0.067	0.087
0.6404792	1	0.48921031	0.41167324	1	0.048	0.024
0.37073801	1	-0.146319	0.46580368	1	0.086	0.087
0.10734386	1	0.21311887	0.36177121	1	0.476	0.425
0.01697464	1	0.48792713	0.1049022	1	0.038	0.071
0.97114286	1	-0.1926802	0.97579778	1	0	0.008
0.18685635	1	0.15007922	0.38621814	1	0.048	0.008
0.21343211	1	-0.2299245	0.64508398	1	0.067	0.134
0.86868255	1	-0.1212796	0.51115214	1	0.143	0.205
0.18443694	1	-0.0443947	0.71169426	1	0.257	0.213
0.70617261	1	-0.2596042	0.56277365	1	0.352	0.362
0.98330502	1	0.40591931	0.69214941	1	0.133	0.189
0.10209725	1	-2.1101492	0.02905884	1	0.01	0.008
0.59105959	1	0.02542825	0.82526916	1	0.019	0.016
0.64367666	1	-8.8714653	0.31142884	1	0	0.008
0.24908932	1	0.10917125	0.8954504	1	0.029	0.024
0.49006111	1	-0.4214657	0.70870663	1	0.219	0.362
0.18538679	1	-0.2397457	0.91659549	1	0.114	0.087
0.0473337	1	-0.0445849	0.53881072	1	0.171	0.063
0.31032073	1	-0.1965262	0.91559352	1	0.105	0.11
0.32499553	1	-0.0094126	0.93968872	1	0.152	0.205
0.0159131	1	0.03926485	0.53190473	1	0.486	0.472
0.70023339	1	0.51521895	0.97623862	1	0	0.008
0.7318984	1	-0.0090138	0.43023382	1	0.114	0.079
0.81993471	1	0.36920553	0.3244821	1	0.295	0.213
0.22219611	1	0.24430143	0.69999733	1	0.21	0.236
0.0333054	1	0.19138834	0.2566819	1	0.6	0.559
1	1	7.36847292	0.32710281	1	0.019	0
0.21141637	1	-0.9295461	0.62618056	1	0	0
0.07362905	1	-0.2156361	0.31333743	1	0.229	0.087
0.27075277	1	0.42654301	0.56271573	1	0.114	0.142
0.19402528	1	0.5054212	0.73699075	1	0.029	0.031
0.00014389	1	-0.0517169	0.86561841	1	0.381	0.307
0.02291636	1	-0.4723921	0.54915694	1	0.19	0.087
0.00067243	1	-0.5539071	0.16937694	1	0.133	0.118

0.00770726	1	-0.2313687	0.95872551	1	0.514	0.441
0.51515934	1	1.13334526	0.09910625	1	0.01	0.031
0.02576125	1	0.18909017	0.49922933	1	0.429	0.433
0.26072941	1	0.33971577	0.16776641	1	0.295	0.142
0.33557429	1	-0.3858619	0.62185524	1	0.257	0.205
0.26800242	1	-1.5591817	0.07168411	1	0.038	0.016
0.23959698	1	-0.3175387	0.75899936	1	0.171	0.118
0.91854287	1	0.03727746	0.85914366	1	0.257	0.134
0.01093437	1	0.35399588	0.12343437	1	0.267	0.189
0.16745907	1	-0.0465426	1	1	0	0.008
0.65584366	1	0.02524663	0.38126029	1	0.057	0.071
0.48973661	1	-0.5323749	0.93066371	1	0.038	0.047
1	1	-0.0465426	1	1	0	0
0.47413309	1	-6.1332792	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.09613027	0.32710281	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	9.02043968	0.32710281	1	0.01	0
0.16252909	1	-0.1247815	0.7367464	1	0.114	0.213
0.37412345	1	-2.4130478	0.15855555	1	0.029	0.024
0.62892207	1	-0.177135	0.58093033	1	0.086	0.134
0.00026521	1	0.19376331	0.47332045	1	0.133	0.181
0.42094271	1	0.02777097	0.98309749	1	0.019	0.11
0.23583884	1	-0.7208701	0.73800022	1	0.057	0.024
0.01710971	1	-0.2627537	0.45260076	1	0.267	0.228
1	1	7.07188008	0.32710281	1	0	0
1	1	8.74543241	0.16448785	1	0.01	0
1	1	-0.0465426	1	1	0.019	0
0.45348053	1	-0.1036539	0.69565253	1	0.276	0.26
0.23678481	1	-0.1438117	0.8684868	1	0.371	0.307
0.00206576	1	0.04160535	0.25412865	1	0.59	0.638
0.00113344	1	-0.2765768	0.55910706	1	0.038	0.047
0.65945023	1	-0.0206634	0.63778522	1	0.238	0.197
0.04418285	1	-0.4432982	0.86444998	1	0.171	0.181
0.41135166	1	-0.4147304	0.74370032	1	0.057	0.024
0.10384874	1	0.02200585	0.47118905	1	0.105	0.11
0.04704238	1	0.09614539	0.51387111	1	0.019	0.024
0.00414048	1	-0.2348636	0.35634806	1	0.048	0.087
0.11534599	1	-0.9137357	0.13514279	1	0.038	0.016
0.01095791	1	0.92462068	0.0126804	1	0.162	0.181
0.47413309	1	-8.3887057	0.31142884	1	0	0
0.07481621	1	-0.3500117	0.74336988	1	0.038	0.047
0.9214236	1	0.34237796	0.92032267	1	0.038	0.079

0.47413309	1	-9.5054427	0.31142884	1	0	0
0.00277069	1	-0.1707239	0.43490229	1	0.438	0.504
0.10536053	1	-1.2790558	0.44491762	1	0.01	0
0.45998108	1	0.41427976	0.97038034	1	0.019	0.016
0.70724244	1	-0.3508368	0.5322212	1	0.352	0.378
0.5063762	1	0.638749	0.43771264	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
0.21141637	1	-9.4869797	0.07816392	1	0	0
0.0079414	1	-0.3882289	0.4596036	1	0.029	0.047
1	1	-0.0465426	1	1	0.01	0
0.00301733	1	-0.2435284	0.86660692	1	0.019	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
0.3483657	1	-0.6586993	0.33660536	1	0	0.031
0.02447412	1	0.66742825	0.00322838	1	0.048	0.094
0.02090959	1	-1.6308679	0.09430247	1	0.01	0.008
0.97638791	1	-1.1090138	0.9693467	1	0	0.008
0.24433736	1	0.23742315	0.63627586	1	0.248	0.283
0.69989581	1	-0.0017072	0.98338423	1	0.152	0.15
0.35882559	1	-0.8388354	0.9548435	1	0	0.008
0.30884832	1	-8.8254948	0.15105729	1	0	0
0.49848215	1	0.43003687	0.55127213	1	0	0.008
0.33754266	1	-0.9215044	0.39411505	1	0.038	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.2974296	1	1.13341728	0.14834936	1	0.095	0.039
1	1	-0.0465426	1	1	0.01	0
0.05012925	1	9.46429662	0.08811101	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.21141637	1	0.06908529	0.97623862	1	0	0
0.01198728	1	-0.0900151	0.8795923	1	0.2	0.15
0.00033087	1	-0.2450577	0.52629631	1	0.248	0.433
0.40320884	1	0.05620087	0.67125243	1	0.152	0.157
0.47413309	1	3.66708219	0.98633536	1	0	0
0.67338483	1	0.17376111	0.37737735	1	0.181	0.087
0.9641421	1	-0.4852707	0.05851515	1	0.076	0.071
0.49600569	1	-0.0493159	0.72131932	1	0.019	0.024
0.42032546	1	0.23319479	0.34507725	1	0.381	0.26
0.97114286	1	0.19957034	0.68368941	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.20717535	1	0.35520153	0.0679447	1	0.467	0.504
0.00749355	1	0.34055416	0.13822668	1	0.4	0.543
0.00675747	1	-0.1705279	0.73531262	1	0.39	0.362
1	1	-0.0465426	1	1	0	0

0.64367666	1	2.63364755	0.06329784	1	0.01	0.008
0.47413309	1	-1.4119836	0.58671897	1	0	0
0.94470474	1	0.74870477	0.09730788	1	0.076	0.11
1	1	8.28588233	0.32710281	1	0	0
0.05458447	1	-0.6589099	0.93732619	1	0.01	0
0.45369486	1	-0.5942845	0.81327417	1	0.229	0.142
0.03594914	1	1.4844888	0.16938386	1	0.019	0.039
0.55545368	1	0.21422335	0.26718773	1	0.219	0.205
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.01489673	1	2.73514878	0.00313764	1	0.029	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.86874922	1	-0.0471651	0.85132396	1	0.419	0.425
1	1	-0.0465426	1	1	0	0
0.31860698	1	-0.294484	0.25035687	1	0.124	0.142
0.16745907	1	7.08917494	0.32710281	1	0	0.008
0.36779799	1	0.70143379	0.04006291	1	0.057	0.071
0.30884832	1	0.36394719	0.97902395	1	0	0
1	1	7.32864025	0.32710281	1	0	0
0.03801254	1	1.72657305	0.00817191	1	0.029	0.055
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.57392755	0.04861576	1	0	0.008
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.90484903	0.98633536	1	0	0
0.27682995	1	0.23137361	0.72371723	1	0.076	0.071
0.06258551	1	0.72971951	0.0366146	1	0.229	0.26
5.66E-10	1.56E-05	0.46185892	0.00199577	1	0.429	0.677
0.23906368	1	2.0577389	0.33366442	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.6775423	1	-2.0302744	0.0516307	1	0.029	0.047
0.18611854	1	0.31099382	0.38508931	1	0.238	0.213
0.01090212	1	0.31774091	0.37540157	1	0.229	0.181

1	1	-0.0465426	1	1	0	0
0.62828281	1	0.5621912	0.12392107	1	0.124	0.102
0.5145042	1	0.07664225	0.76551149	1	0.524	0.465
0.47850933	1	0.56235544	0.18215423	1	0.133	0.087
1	1	-0.0465426	1	1	0	0
0.52614159	1	0.02121675	0.9336229	1	0.352	0.26
0.16745907	1	8.37238083	0.16448785	1	0.01	0.008
0.91638924	1	-0.9556829	0.46765154	1	0.067	0.094
0.03177794	1	-0.9628417	0.27144339	1	0.019	0.016
0.47413309	1	-7.8235717	0.31142884	1	0	0
0.14820265	1	-2.1933654	0.9461926	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.92103314	0.33164578	1	0	0
0.12433335	1	-0.1910531	0.71941749	1	0.029	0.079
0.84883873	1	-0.3942351	0.7682427	1	0.067	0.094
0.12786003	1	0.02239206	0.92018681	1	0.057	0.039
0.00496854	1	-0.2327865	0.85458728	1	0.095	0.024
0.96458844	1	-0.2558553	0.50060697	1	0.419	0.386
0.0046819	1	-0.1421547	0.81621907	1	0.038	0.063
0.00137593	1	-0.9768408	0.15796929	1	0.048	0.024
0.06664929	1	0.02178149	0.74313535	1	0.105	0.094
0.96150024	1	-0.2007594	0.93066371	1	0.038	0.031
0.39295184	1	0.47774952	0.08865178	1	0.571	0.567
0.59616883	1	0.34674023	0.8983854	1	0.076	0.047
0.18863477	1	0.64014475	0.34399516	1	0.171	0.181
0.04484563	1	-1.3302536	0.24880637	1	0.048	0.087
0.02685326	1	-0.6228631	0.09063484	1	0.124	0.118
1	1	-0.0465426	1	1	0	0
0.02755086	1	0.30420133	0.60661345	1	0.229	0.268
1.83E-05	0.50639437	0.54788143	0.00849838	1	0.448	0.575
0.74479201	1	0.0858237	0.9254565	1	0.105	0.071
0.59208267	1	0.22180479	0.33172301	1	0.086	0.071
0.80520593	1	-0.1468973	0.9383326	1	0.038	0.031
0.10849306	1	0.35902273	0.28336791	1	0.114	0.157
0.79258011	1	-0.9975591	0.19027091	1	0.038	0.063
0.23940213	1	0.29864704	0.39538577	1	0	0.024
5.38E-07	0.01483854	-0.7732928	0.00425837	1	0.114	0.094
0.47413309	1	-8.1799342	0.31142884	1	0	0
0.78380214	1	-0.6635561	0.33950329	1	0.105	0.094
0.00631649	1	-0.8562289	0.0868756	1	0.038	0.087
0.33062241	1	-0.0236817	0.95021058	1	0.01	0.016
0.47413309	1	-0.8961026	0.98178118	1	0.019	0
0.97638791	1	-8.6727939	0.15105729	1	0.019	0.008

1	1	-0.0465426	1	1	0	0
0.16745907	1	8.42111621	0.16448785	1	0.038	0.008
0.16745907	1	7.36847292	0.32710281	1	0	0.008
0.48622711	1	0.08457904	0.31160884	1	0.152	0.181
0.23906368	1	-1.4205583	0.58671897	1	0	0.016
3.65E-11	1.01E-06	-0.2238556	0.1846756	1	0.333	0.228
1	1	-0.0465426	1	1	0	0
0.47413309	1	-1.7842962	0.98178118	1	0	0
0.9795097	1	-1.1604818	0.39045234	1	0.01	0.016
0.02229729	1	0.45001498	0.19537395	1	0.076	0.142
0.29845437	1	-0.4556898	0.75027088	1	0.057	0.047
0.18021903	1	-0.4455874	0.75668402	1	0.048	0.079
0.64819586	1	-0.0062369	0.7352881	1	0.276	0.244
0.59869316	1	-0.3356474	0.52176454	1	0.219	0.118
0.35825514	1	-0.118693	0.84588139	1	0.41	0.433
0.13029608	1	-0.1217374	0.37564387	1	0.4	0.465
0.03031223	1	0.11792355	0.80518126	1	0.524	0.606
0.9636109	1	0.31819321	0.14698438	1	0.076	0.055
0.00461554	1	0.42139617	0.02553103	1	0.714	0.693
0.80416038	1	0.01101594	0.71032122	1	0.105	0.15
0.41488348	1	0.04345061	0.46768877	1	0.076	0.118
0.52585387	1	-0.5236199	0.18394762	1	0.105	0.15
0.43042445	1	0.25806186	0.94594188	1	0.067	0.055
0.37689488	1	0.06167818	0.53194152	1	0.19	0.189
0.97114982	1	0.06728075	0.90423089	1	0.171	0.11
0.19651289	1	-0.7685375	0.51581139	1	0.01	0.008
0.27074809	1	-0.3946323	0.23199586	1	0.238	0.205
1	1	4.62806907	0.32710281	1	0	0
0.63491971	1	-0.5124616	0.06166599	1	0.171	0.189
0.08772779	1	1.91691495	0.02002884	1	0.048	0.047
0.40508274	1	-0.037958	0.3205729	1	0.2	0.126
0.97638791	1	0.27734811	0.97902395	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	4.62806907	0.32710281	1	0	0
1	1	7.67754631	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-8.2411557	0.31142884	1	0	0
0.47413309	1	-8.4374511	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0

0.20077842	1	-0.0137379	0.97633934	1	0.371	0.449
0.96961902	1	0.1796286	0.49584957	1	0.467	0.402
0.09485762	1	0.18027909	0.47940499	1	0.438	0.402
1	1	-0.0465426	1	1	0	0
0.30649416	1	0.33524449	0.16279599	1	0.133	0.126
0.94429518	1	-0.0159435	0.45850439	1	0.362	0.165
0.70931331	1	-0.7218263	0.94462752	1	0.029	0.031
0.69772585	1	0.19238474	0.26722716	1	0.438	0.496
0.8654656	1	-0.0650859	0.70385888	1	0.019	0.055
0.0395935	1	0.53794643	0.52599781	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.02099888	1	-9.84E-05	0.91381354	1	0.533	0.52
0.74784421	1	-0.8223188	0.20330264	1	0.095	0.118
0.06700483	1	-0.3035526	0.87130198	1	0.048	0.039
0.00687583	1	-0.2788217	0.34127932	1	0.143	0.189
0.92045319	1	-0.6909047	0.17624222	1	0.105	0.118
0.14328194	1	-0.1135547	0.62523028	1	0.057	0.016
0.373259	1	-0.1698284	0.85948651	1	0.238	0.197
0.48776112	1	-0.0178896	0.15803882	1	0.267	0.26
0.69851492	1	0.96187596	0.34162162	1	0.029	0.031
0.30998599	1	-2.015487	0.00506287	1	0.038	0.039
0.07564097	1	-0.1607319	0.74574915	1	0.086	0.126
0.34748818	1	-0.9649627	0.11301099	1	0.057	0.087
0.22577329	1	0.09256423	0.86470532	1	0.095	0.079
0.00076546	1	0.00408402	0.62529996	1	0.533	0.559
0.1818922	1	-0.0849575	0.69185447	1	0.171	0.22
0.27264591	1	-0.1933292	0.50588679	1	0.333	0.276
1	1	-0.0465426	1	1	0	0
0.51394424	1	0.27178128	0.65032402	1	0.067	0.079
0.55966562	1	-0.0681012	0.7217064	1	0.438	0.346
0.49848215	1	0.59024367	0.97136346	1	0.01	0.008
0.88247164	1	0.39996012	0.22274731	1	0.152	0.134
0.08444705	1	0.64460311	0.97623862	1	0.038	0.039
0.83554262	1	0.1118327	0.2594747	1	0.124	0.094
1.07E-07	0.00294884	0.11485631	0.16074389	1	0.848	0.898
0.71473465	1	-3.167416	0.0516502	1	0.019	0.031
0.00645007	1	0.46269154	0.55299307	1	0.048	0.071
0.16745907	1	9.07560403	0.08811101	1	0	0.008
0.42148634	1	-0.7127219	0.49306974	1	0.01	0.039
0.70799341	1	0.44508809	0.374446	1	0.171	0.142
0.90133009	1	-0.15896	0.45446805	1	0.19	0.181
0.04341209	1	-0.236983	0.8510479	1	0.048	0.071
5.68E-05	1	-0.1532318	0.67355064	1	0.086	0.047

0.50022876	1	-0.3648465	0.56925671	1	0.01	0.024
0.40744876	1	-0.0423913	0.63760126	1	0.267	0.15
0.07006268	1	0.27308908	0.39246945	1	0.2	0.236
0.60917311	1	-0.517533	0.40467889	1	0.038	0.047
0.63200734	1	-0.0656515	0.92222076	1	0.362	0.276
0.41286281	1	-0.1556031	0.87521735	1	0.257	0.268
0.47413309	1	-7.1770695	0.31142884	1	0	0
0.00247367	1	0.03446173	0.67793343	1	0.343	0.402
0.00045129	1	-0.1526352	0.51179133	1	0.752	0.764
0.08445636	1	-0.5522017	0.98178118	1	0	0.024
0.42752834	1	0.4657604	0.34162162	1	0.019	0.039
0.09976063	1	0.78930689	0.01880694	1	0.048	0.071
0.18066731	1	-0.8518032	0.08303269	1	0.076	0.031
0.41821066	1	0.03186762	0.83896648	1	0.171	0.173
0.47413309	1	-7.9445676	0.31142884	1	0	0
0.05012925	1	8.26660214	0.32710281	1	0	0.016
0.84736486	1	0.20016373	0.61942363	1	0.086	0.157
0.82315518	1	-0.6622948	0.21021459	1	0.124	0.118
0.14820265	1	-1.8642876	0.38318926	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.28317711	1	-0.9311614	0.02128193	1	0.219	0.142
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.2378413	1	-0.3840996	1	1	0.048	0.102
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	0.83075551	0.33569097	1	0.01	0
0.14820265	1	-0.4252502	0.67099324	1	0.01	0
0.64367666	1	2.53241221	0.06373537	1	0.01	0.008
0.42295507	1	0.2928604	0.01567546	1	0.371	0.291
0.02280263	1	-1.4578234	0.03029525	1	0.019	0.008
0.34148733	1	-0.8938385	0.33493829	1	0.057	0.047
0.1844643	1	-0.1813079	0.77678562	1	0.276	0.165
0.14681694	1	-0.0629511	0.61182889	1	0.019	0.016
0.00879108	1	0.14791219	0.6972052	1	0.295	0.252
0.49524626	1	0.29268122	0.77492143	1	0.01	0.008
0.69601219	1	-1.9499114	0.30042403	1	0	0.008
0.29911901	1	-0.5872887	0.6993286	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
0.18957888	1	-1.4875358	0.91823518	1	0.01	0.008

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.06871116	1	-1.135349	0.03678549	1	0.019	0.039
0.07478168	1	1.06043514	0.1112185	1	0.019	0.039
0.22502458	1	-1.1814497	0.9693467	1	0.019	0.024
0.71202216	1	0.206916	0.26087714	1	0.048	0.031
0.29427395	1	0.07442781	0.6371778	1	0.314	0.315
1	1	-0.0465426	1	1	0	0
0.00350172	1	0.10252817	0.81578972	1	0.848	0.748
1	1	-0.0465426	1	1	0	0
0.98163398	1	1.14635674	0.17207375	1	0.01	0.008
0.32283631	1	0.26244235	0.58466225	1	0.486	0.37
0.47413309	1	-6.1332792	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.96226229	1	0.1492926	0.2593976	1	0.248	0.299
0.01844741	1	-0.7435048	0.21846927	1	0.124	0.055
0.9433392	1	-0.9508558	0.21914399	1	0.095	0.118
0.16366136	1	-0.4480475	0.03266621	1	0.476	0.307
0.24193809	1	0.301515	0.17856176	1	0	0.047
0.0046597	1	0.25475683	0.69807643	1	0.114	0.268
0.18573831	1	-0.1379346	0.76373905	1	0.048	0.016
0.30884832	1	0.27861727	0.54877979	1	0	0
0.21104072	1	-0.2166586	0.53182976	1	0.076	0.047
1	1	-0.0465426	1	1	0	0
0.62438882	1	-0.171913	0.9652313	1	0.076	0.15
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.63792001	1	0.61512136	0.58671897	1	0	0.008
0.30884832	1	1.16695141	0.43576121	1	0	0
0.00138331	1	0.44227439	0.11811493	1	0.067	0.181
0.7717685	1	-0.1754413	0.48233989	1	0.133	0.197
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.19857699	1	-1.0088915	0.19400089	1	0.086	0.102
0.62869761	1	-0.3171108	0.4986517	1	0.267	0.157
0.10596773	1	-1.4736816	0.02979079	1	0.019	0.008
0.47413309	1	0.9675743	0.58351143	1	0.029	0
0.49910514	1	1.08055084	0.67837832	1	0.048	0.016
1	1	-0.0465426	1	1	0	0
0.62810871	1	0.91883666	0.2158761	1	0.01	0.024
0.70023339	1	-0.6099782	0.30421593	1	0	0.008

0.97638791	1	0.97325682	0.43771264	1	0	0.008
0.50777235	1	-0.2469203	0.45872948	1	0.029	0.031
0.10536053	1	0.29101513	0.96304725	1	0.019	0
0.54911505	1	-0.0413229	0.77259096	1	0.105	0.157
1	1	-0.0465426	1	1	0	0
0.66825891	1	-0.8175854	0.15070886	1	0.133	0.087
0.0030603	1	-0.5661437	0.1439157	1	0.057	0.031
1	1	-0.0465426	1	1	0	0
1	1	6.41031691	0.32710281	1	0.01	0
0.21141637	1	-1.3502837	0.95777103	1	0	0
1	1	-0.0465426	1	1	0	0
0.05648805	1	0.48864528	0.01964372	1	0.324	0.339
0.47413309	1	-7.9118439	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.05605804	1	0.22413097	0.98421355	1	0.276	0.26
0.51003251	1	-8.8979517	0.15105729	1	0.01	0.016
0.09049675	1	2.76952961	0.10021006	1	0.029	0.031
0.47413309	1	0.79403908	0.98633536	1	0	0
0.98163398	1	2.63958625	0.10021006	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.33754183	0.16448785	1	0	0.008
0.47413309	1	1.52387146	0.58351143	1	0	0
0.0647507	1	0.33791679	0.15080925	1	0.295	0.26
0.62912233	1	0.11285434	0.92296586	1	0.095	0.039
0.53964396	1	-0.010517	0.64556484	1	0.124	0.071
0.35299852	1	0.10872756	0.6528176	1	0.086	0.094
1	1	-0.0465426	1	1	0	0
0.62930386	1	1.7137494	0.26191622	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.64520925	1	-0.3923877	0.75115558	1	0.048	0.047
1	1	6.41031691	0.32710281	1	0	0
0.36620968	1	-1.2797599	0.44320797	1	0	0.008
0.13640828	1	0.28905389	0.61009367	1	0.019	0.016
1	1	-0.0465426	1	1	0.01	0
0.2173112	1	1.50230509	0.43187343	1	0	0.024
0.63792001	1	-0.4273645	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.64367666	1	-7.5597652	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.49180172	1	-1.3387702	0.14198916	1	0.01	0.024
0.69851492	1	-0.6041045	0.71525712	1	0	0.031
0.01621721	1	8.49497639	0.32710281	1	0	0.024
0.49180172	1	1.1289646	0.23878042	1	0.067	0.024

0.50825689	1	0.31093643	0.97365352	1	0.019	0.008
0.50290859	1	0.07529989	0.65131246	1	0.352	0.386
0.42170054	1	-0.2346815	0.46340829	1	0.229	0.244
0.64986423	1	0.26110246	0.99068467	1	0.286	0.197
0.03706927	1	-0.791004	0.57552415	1	0.01	0.094
0.16745907	1	-0.0465426	1	1	0	0.008
0.84081394	1	0.46525311	0.00654275	1	0.41	0.402
1	1	-0.0465426	1	1	0	0
0.86484085	1	-0.3485944	0.86845412	1	0.086	0.087
1	1	-0.0465426	1	1	0.01	0
0.21539889	1	0.83103478	0.04612259	1	0.057	0.039
0.24057347	1	0.26372647	0.49762514	1	0.171	0.15
0.47413309	1	0.99643816	0.98633536	1	0	0
1	1	9.10457825	0.08811101	1	0	0
0.9568295	1	-0.2561181	0.16989946	1	0.143	0.252
0.89450224	1	-0.1700876	0.33518204	1	0.152	0.11
0.01420048	1	-0.3080266	0.32423713	1	0.219	0.26
1	1	-0.0465426	1	1	0	0
0.05973933	1	-0.1865118	0.57682126	1	0.248	0.15
0.08204498	1	0.01996901	0.84233851	1	0.343	0.276
0.69045583	1	1.07725835	0.1687774	1	0.01	0.031
0.40034669	1	0.11373482	0.89630981	1	0.048	0.11
0.22114379	1	0.48051032	0.97579778	1	0.019	0.024
0.00560697	1	-0.2274588	0.16600382	1	0.238	0.118
0.91639635	1	0.30214554	0.47888049	1	0.114	0.11
0.01978546	1	-0.2026964	0.16682403	1	0.276	0.417
0.73989062	1	-0.068945	0.28855996	1	0.39	0.323
0.39760517	1	-0.5605236	0.13165964	1	0.171	0.11
1	1	-0.0465426	1	1	0	0
0.97114286	1	-1.3924109	0.54257632	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.5206816	0.31142884	1	0	0
0.04135124	1	2.52621452	8.55E-05	1	0.105	0.087
1	1	-0.0465426	1	1	0	0
0.71900504	1	-0.5002233	0.49323017	1	0.133	0.11
0.57713347	1	-0.4156158	0.94837615	1	0.029	0.016
0.16745907	1	8.26633297	0.16448785	1	0	0.008
0.66759105	1	-0.2984029	0.92146271	1	0.029	0.039
0.07595136	1	-0.1767782	0.87033172	1	0.057	0.031
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.04996467	1	-0.5592577	0.57826005	1	0.057	0.047

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.79051383	1	0.39518541	0.50707423	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	8.16897866	0.04861576	1	0.019	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-0.4859393	0.98178118	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	7.73425427	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.87652116	0.16448785	1	0	0
0.64258528	1	0.26388231	0.80078053	1	0.105	0.142
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.50273372	1	-0.9186892	0.97257202	1	0	0.016
0.28245102	1	-0.9196434	0.22486411	1	0.01	0.055
0.74250725	1	-0.2524445	0.61721972	1	0.19	0.181
0.8122798	1	0.11610037	0.90336239	1	0.057	0.087
0.00410207	1	0.20210211	0.42626267	1	0.305	0.394
0.41514627	1	0.41489521	0.97096043	1	0	0.024
0.30865889	1	0.27081669	0.38286841	1	0.048	0.071
0.35679397	1	0.1125258	0.956345	1	0.295	0.283
0.12016254	1	-0.9328557	0.72547587	1	0.038	0.087
0.8910264	1	-0.5939396	0.91721083	1	0.105	0.079
0.01613775	1	1.22822197	0.03639774	1	0.01	0.055
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	1.53115002	0.58031208	1	0	0
0.09871316	1	0.07887355	0.84662138	1	0.2	0.157
0.50565289	1	-0.7064106	0.30944731	1	0.038	0.055
0.49524626	1	-0.568845	0.9622058	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.24473546	1	-0.9841033	0.71523643	1	0.048	0.016
1	1	-0.0465426	1	1	0	0
0.00948128	1	1.56748809	5.33E-05	1	0.067	0.126
0.47661303	1	-1.0428311	0.29139806	1	0.029	0.063
0.82541262	1	0.52984848	0.09056824	1	0.038	0.063
0.64367666	1	-3.4890648	0.98178118	1	0.01	0.008
0.67774769	1	0.1187742	0.87622435	1	0.61	0.63
1	1	-0.0465426	1	1	0	0

1	1	8.02312711	0.32710281	1	0.019	0
0.47413309	1	-8.2712749	0.31142884	1	0	0
0.94973339	1	-0.9550872	0.78949156	1	0	0.016
0.45284331	1	-0.1223824	0.8766799	1	0.352	0.291
0.0098558	1	0.54082715	0.00412937	1	0.543	0.575
0.06226719	1	-0.3027475	0.18742417	1	0.086	0.197
0.30884832	1	-0.6483253	0.68901619	1	0	0
0.62828281	1	-1.0750003	0.45576349	1	0.105	0.102
0.27577117	1	0.02991675	0.93980685	1	0.067	0.102
1	1	-0.0465426	1	1	0	0
0.17360334	1	-0.1720197	0.48241017	1	0.038	0.055
0.21141637	1	0.21157096	0.63648202	1	0.01	0
1	1	8.66748274	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.15376751	1	-0.1414653	0.62653912	1	0.181	0.205
0.41352901	1	0.40231369	0.11445718	1	0.152	0.236
0.00510266	1	0.19568966	0.14712831	1	0.676	0.567
0.04509661	1	-0.4271214	0.52283026	1	0.038	0.024
1	1	9.8768494	0.02728712	1	0	0
0.00124077	1	-0.4393861	0.28001536	1	0.019	0.008
0.08151033	1	-0.1628752	0.57926384	1	0.095	0.094
0.36620968	1	0.57851941	0.30772005	1	0.019	0.008
0.08010377	1	-0.2020951	0.73310972	1	0.038	0.039
0.14860927	1	0.46739616	0.21562847	1	0.038	0.016
0.18534256	1	0.13850209	0.78135174	1	0.01	0.094
0.30559807	1	0.00987317	0.47729032	1	0.038	0.024
0.05049136	1	-0.2084572	0.65374162	1	0.019	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
0.553865	1	-0.242184	0.77312919	1	0.048	0.031
0.98163398	1	-2.7654312	0.54257632	1	0	0.008
0.7012089	1	-0.8203655	0.71709184	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
0.50498751	1	-0.0436952	0.68220943	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	0.73022852	0.54877979	1	0	0
0.6262773	1	-1.1043345	0.27524391	1	0.076	0.055
0.49848215	1	-2.5744048	0.16596842	1	0	0.008
0.63792001	1	-0.4348263	0.58671897	1	0	0.008
0.68010018	1	0.34049647	0.10158294	1	0.419	0.354
0.74869428	1	-0.2454655	0.60447997	1	0.019	0.016

0.67976006	1	-0.6592195	0.60241067	1	0.086	0.055
0.47413309	1	0.70149501	0.58351143	1	0.01	0
0.14820265	1	-0.1204186	0.39595417	1	0	0
0.1409368	1	0.03802574	0.39526079	1	0.267	0.252
0.03426778	1	-0.0152173	0.68444507	1	0.448	0.472
0.0032427	1	-1.6098185	0.16860025	1	0.019	0
0.02196799	1	0.94371429	0.02172555	1	0.114	0.15
0.75860365	1	1.01185575	0.04710997	1	0.01	0.024
0.19359595	1	0.1392468	0.66892153	1	0.124	0.071
0.54389907	1	-0.8928734	0.29897457	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
0.74214061	1	-1.7233589	0.93845122	1	0.029	0.016
0.03779128	1	0.09834386	0.67492327	1	0.505	0.409
0.83661738	1	-1.1541856	0.12268603	1	0.133	0.079
0.47413309	1	-7.6722679	0.31142884	1	0.01	0
0.32888619	1	-0.4162292	0.91183854	1	0.038	0.087
0.24059828	1	-2.1257913	0.0705665	1	0	0.024
0.16745907	1	8.40427759	0.16448785	1	0	0.008
0.01621721	1	7.11908801	0.32710281	1	0	0.024
0.22895378	1	0.03345278	0.17297744	1	0.01	0.024
0.56423141	1	-0.3800366	0.7953286	1	0.152	0.118
0.14499508	1	-0.1757835	0.62592858	1	0.152	0.126
0.15711127	1	0.39701891	0.32979721	1	0.076	0.055
0.0501538	1	0.02917997	0.79235531	1	0.048	0.055
0.06420274	1	0.37734144	0.27410523	1	0.067	0.063
0.46614406	1	-0.4712668	0.05663459	1	0.295	0.236
0.28629861	1	0.0427275	0.42441596	1	0.238	0.213
0.12610617	1	-2.5412699	0.00061006	1	0.048	0.039
0.64236518	1	0.67718751	0.53508374	1	0.086	0.126
0.79051383	1	-0.7188698	0.74626143	1	0.01	0.016
0.61097502	1	-1.3210282	0.66429835	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.80795267	1	-0.51249	0.75912879	1	0.029	0.047
0.19095106	1	-0.4978981	0.73326695	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.369321	1	0.75644502	0.12799875	1	0.133	0.118
0.47413309	1	-7.7861254	0.31142884	1	0	0
0.14820265	1	-0.8049788	0.9461926	1	0.029	0
0.47413309	1	-7.3662631	0.31142884	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.07457924	1	-0.0493392	0.76661505	1	0.01	0.008
1	1	-0.0465426	1	1	0.01	0
0.43296487	1	-0.5277929	0.73651566	1	0.076	0.055

0.25482078	1	0.7890751	0.02977631	1	0.038	0.047
1	1	8.16453644	0.32710281	1	0	0
0.45765946	1	-0.4206545	0.33740687	1	0.057	0.016
0.00050395	1	-0.0697834	0.07047053	1	0.029	0.008
0.00305477	1	-0.0281697	0.94229361	1	0.019	0.039
7.76E-07	0.02141897	-0.82445	0.05463359	1	0.038	0.031
0.01268112	1	-0.4500511	0.03712087	1	0.086	0.102
0.12447647	1	0.02617011	0.52057645	1	0.019	0.031
0.75197797	1	0.38348834	0.15124435	1	0.038	0.016
0.92372097	1	0.63284588	0.47528127	1	0.048	0.047
0.84174352	1	0.14471979	0.19379526	1	0.143	0.173
6.73E-05	1	-0.6993485	0.28842025	1	0.038	0.016
0.54677368	1	-0.0716587	0.5439459	1	0.038	0.063
0.13878563	1	-0.411476	0.64638926	1	0	0.047
0.21141637	1	-0.4748871	0.96304561	1	0	0
1	1	7.12728177	0.32710281	1	0	0
0.47413309	1	2.94236423	0.10847752	1	0	0
0.09644627	1	0.3488021	0.94221798	1	0.038	0.055
0.04322617	1	0.1220214	0.45986584	1	0.067	0.031
4.41E-07	0.01216828	-0.8281518	0.03909778	1	0.086	0.055
0.62318936	1	0.87276217	0.16025227	1	0.01	0.024
0.47413309	1	-0.6953435	0.98178118	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-10.159532	0.15105729	1	0	0
0.05458447	1	-1.1176426	0.71797831	1	0	0
0.6575073	1	0.51195356	0.15881194	1	0.457	0.291
0.74541514	1	-1.4978348	0.93845122	1	0.029	0.016
0.41317761	1	0.29609074	0.72073193	1	0.01	0.024
0.96278159	1	0.16296575	0.80591896	1	0.029	0.063
0.72250555	1	-0.5048468	0.16028758	1	0.086	0.087
0.45073421	1	-1.4742375	0.32639015	1	0.019	0.016
0.61279543	1	0.3603363	0.240882	1	0.076	0.071
0.69180038	1	-1.1386806	0.96304561	1	0.01	0.008
0.16745907	1	10.0805525	0.04861576	1	0	0.008
0.31820285	1	0.23620855	0.81573567	1	0.086	0.102
0.23644964	1	2.65081632	0.58031208	1	0.01	0.016
0.00029881	1	-0.0691407	0.57387916	1	0.219	0.189
1	1	7.40544908	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.21141637	1	0.4434041	0.73930489	1	0.01	0
0.001348	1	3.57416537	0.00422839	1	0.029	0.055
0.26527105	1	-0.7871916	0.1660133	1	0.01	0.031

0.06785941	1	-0.2696584	0.51318978	1	0.086	0.094
0.69601219	1	0.73261611	0.33937369	1	0.01	0.008
0.689311	1	-0.2235449	0.55314988	1	0.286	0.228
7.05E-06	0.19469152	-0.5303329	0.06518033	1	0.133	0.142
0.30884832	1	0.42121036	0.54877979	1	0	0
1	1	-0.0465426	1	1	0	0
0.37426701	1	0.02863153	0.62151323	1	0.733	0.575
0.15519401	1	-0.0387311	0.52890248	1	0.371	0.449
0.30884832	1	-8.8733202	0.15105729	1	0	0
0.16745907	1	10.3808279	0.00885195	1	0.01	0.008
0.00099127	1	-0.0735967	0.9646484	1	0.429	0.283
0.10569404	1	0.36676925	0.31926348	1	0.076	0.071
0.14240847	1	-0.3003397	0.61125223	1	0.01	0.016
0.21141637	1	1.71211729	0.0904904	1	0	0
1	1	-0.0465426	1	1	0	0
0.17840678	1	1.21179877	0.00330318	1	0.01	0.039
0.64367666	1	0.47501954	0.19292413	1	0.01	0.008
0.77523596	1	0.00292838	0.30405875	1	0.019	0.039
0.16745907	1	7.82745686	0.32710281	1	0	0.008
0.64367666	1	2.39179845	0.03707182	1	0.038	0.008
0.16745907	1	7.53885915	0.32710281	1	0.01	0.008
0.16745907	1	6.67013997	0.32710281	1	0.01	0.008
5.82E-05	1	-0.0013519	0.82826543	1	0.105	0.102
1	1	-0.0465426	1	1	0	0
0.88207218	1	0.33763468	0.31729115	1	0.276	0.22
0.23662197	1	1.70114403	0.03420419	1	0.019	0.047
0.06252317	1	0.2685048	0.85591659	1	0.067	0.087
1	1	-0.0465426	1	1	0	0
0.21922148	1	1.03226839	0.68103189	1	0	0.024
0.97638791	1	-1.1497674	0.54567368	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.47413309	1	-4.5942499	0.98178118	1	0	0
0.51121145	1	-0.1671492	0.61931986	1	0.219	0.205
0.47413309	1	-7.4148795	0.31142884	1	0	0
0.5063762	1	2.53591646	0.06149365	1	0.01	0.016
0.85734409	1	-0.0703369	0.52471911	1	0.276	0.22
0.11750305	1	0.82549542	0.23595531	1	0.067	0.016
0.23030173	1	-0.1124316	0.94745725	1	0.257	0.339
0.35138984	1	0.18066639	0.51834886	1	0.59	0.559
0.29336109	1	0.17882587	0.54419313	1	0.2	0.22
0.64722722	1	-0.5273472	0.73670305	1	0.029	0.039
4.63E-10	1.28E-05	-0.3397026	0.12633794	1	0.114	0.079
0.63564186	1	0.05298798	0.90928198	1	0.057	0.087

6.16E-09	0.00016988	-0.2368221	0.23784763	1	0.371	0.22
0.01652867	1	0.32813262	0.04043209	1	0.2	0.244
1	1	7.9322038	0.32710281	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.47413309	1	-8.0318027	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-1.1319438	0.98178118	1	0.01	0.008
0.05012925	1	8.82036252	0.16448785	1	0	0.016
0.01759887	1	-0.1626989	0.93982407	1	0.105	0.031
0.47413309	1	-7.492802	0.31142884	1	0	0
0.12805667	1	-0.5090062	0.43917409	1	0.133	0.118
0.45252681	1	0.23015634	0.54391301	1	0.476	0.425
0.47413309	1	-1.1892501	0.98178118	1	0.01	0
0.00418898	1	0.89797557	0.04835881	1	0.057	0.126
0.05449407	1	-0.1748319	0.64403911	1	0.057	0.15
1	1	-0.0465426	1	1	0	0
0.34463279	1	-0.2421407	0.99634888	1	0.219	0.11
0.09684139	1	0.30939908	0.64080742	1	0.162	0.126
1	1	-0.0465426	1	1	0	0
0.25759727	1	0.48346855	0.47852952	1	0.01	0.008
0.44411451	1	-1.3301072	0.23299191	1	0.029	0.039
0.88357018	1	0.14800192	0.52506397	1	0.362	0.331
0.0058615	1	0.02012171	0.71073646	1	0.124	0.118
0.00087515	1	0.09248562	0.31615417	1	0.048	0.024
0.08073543	1	0.17277829	0.35691785	1	0.086	0.063
0.60589889	1	0.28453414	0.30751392	1	0.095	0.11
0.23385587	1	2.403487	0.10920768	1	0.01	0.016
0.10173816	1	0.15950399	0.69643626	1	0.095	0.071
0.17685234	1	0.28451624	0.44356446	1	0.038	0.118
4.44E-06	0.12259735	-0.2854629	0.19974559	1	0.076	0.063
0.23385587	1	-8.4919063	0.31142884	1	0	0.016
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.03869599	1	0.32500867	0.8836945	1	0.019	0.008
0.96461538	1	-1.3119019	0.16931443	1	0.01	0.016
0.24364462	1	-0.6331398	0.62220682	1	0.057	0.071
0.640924	1	0.27441235	0.5612008	1	0.038	0.047
0.28543127	1	0.5259398	0.53299997	1	0.076	0.094
0.52809436	1	-0.1746654	0.6409594	1	0.095	0.079
0.09320699	1	0.57030417	0.0347363	1	0.095	0.031
0.14771103	1	-1.0855186	0.19113336	1	0.048	0.016
0.12773883	1	-0.7840135	0.32541229	1	0.029	0.071
0.49076003	1	-0.1352389	0.7305536	1	0.019	0.055

1	1	-0.0465426	1	1	0	0
0.08343597	1	-1.7950599	0.04447621	1	0.01	0.016
0.30884832	1	-0.2074763	0.97579778	1	0	0
0.01370848	1	-0.4187501	0.66419452	1	0.171	0.205
1	1	-0.0465426	1	1	0	0
0.81323632	1	0.88805775	0.05961877	1	0.067	0.039
0.47904738	1	0.23328803	0.38026678	1	0.076	0.063
0.5063762	1	2.60369386	0.00819412	1	0	0.016
1	1	8.57863966	0.32710281	1	0	0
6.90E-06	0.19031858	0.10064649	0.19665085	1	0.438	0.433
1	1	-0.0465426	1	1	0	0
0.02814557	1	0.24753841	0.47801248	1	0.029	0.031
0.46342987	1	0.33699445	0.76915273	1	0.076	0.039
0.38804293	1	-0.0568011	0.89918027	1	0.067	0.079
0.27143057	1	0.20355058	0.41878898	1	0.029	0.071
0.95354301	1	-0.6758375	0.53721211	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.00156055	1	0.18989286	0.2496541	1	0.667	0.63
0.45845397	1	-0.0738737	0.84262858	1	0.533	0.535
1	1	-0.0465426	1	1	0	0
0.21141637	1	-9.0887642	0.07816392	1	0.01	0
0.08548864	1	2.93578151	0.02177192	1	0.01	0.024
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.13065687	1	0.03387373	0.49950442	1	0.057	0.047
0.00320264	1	0.39773319	0.19080154	1	0.305	0.354
1	1	-0.0465426	1	1	0	0
0.02992178	1	3.4480172	0.10775123	1	0	0.031
0.47413309	1	2.97478407	0.18923611	1	0	0
0.10363172	1	0.6541229	0.68179372	1	0.01	0.008
0.0990826	1	-1.4704885	0.24791125	1	0.019	0.008
0.67710207	1	1.67681111	0.3262598	1	0.057	0.031
0.30884832	1	-0.671231	0.68368941	1	0.01	0
1	1	-0.0465426	1	1	0	0
1.32E-07	0.0036327	-0.276099	0.30531135	1	0.019	0.079
0.00951861	1	0.42566632	0.38197996	1	0.048	0.024
5.84E-09	0.0001612	-0.305301	0.04987647	1	0.229	0.134
6.11E-09	0.00016851	-0.0764869	0.75467749	1	0.076	0.071
0.34370675	1	-0.7052742	0.95534075	1	0	0.031
0.34994225	1	-0.2243286	0.39601785	1	0	0.031
0.47413309	1	-7.2885347	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.13071881	1	-0.4226629	0.84603848	1	0.114	0.071
1	1	-0.0465426	1	1	0	0
0.40027199	1	-0.1717843	0.95065406	1	0.057	0.079
1	1	-0.0465426	1	1	0	0
0.78658181	1	0.90087432	0.22245629	1	0	0.016
0.00212606	1	-0.112411	0.90432634	1	0.048	0.087
0.18864083	1	-1.8806362	0.04593003	1	0.029	0.024
0.23833992	1	0.71405651	0.02114876	1	0.162	0.157
0.89642843	1	0.10842477	0.51253912	1	0.133	0.047
0.11073814	1	-0.0531558	0.97044141	1	0.429	0.402
0.60800998	1	-0.1655495	0.98965497	1	0.171	0.22
0.64092765	1	-0.1937728	0.93400051	1	0.038	0.157
0.71473465	1	0.2755357	0.12713798	1	0.019	0.031
0.98622713	1	-0.3059162	0.4603573	1	0.124	0.118
0.47413309	1	-8.4690879	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.45034444	1	-0.3740583	0.9895733	1	0.029	0.055
0.60735648	1	-0.9947187	0.1581037	1	0.029	0.071
1	1	-0.0465426	1	1	0	0
0.03135851	1	-0.5692255	0.89796194	1	0.019	0.102
1	1	-0.0465426	1	1	0	0
0.95322461	1	-1.2065321	0.22295929	1	0.038	0.055
0.50498751	1	-4.9912202	0.16486421	1	0	0.008
0.71745074	1	-1.4179326	0.4830632	1	0.01	0.031
0.44159353	1	-1.3154177	0.08450098	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.6210181	0.31142884	1	0.01	0.008
0.03508005	1	-0.4556245	0.77432921	1	0.038	0.024
0.95573092	1	1.72989427	0.1646255	1	0.048	0.024
0.00562464	1	0.45956881	0.11820539	1	0.419	0.409
0.5063762	1	3.11250569	0.01345378	1	0.029	0.016
0.89928275	1	0.14977467	0.23324779	1	0.114	0.102
0.63792001	1	-7.6363383	0.31142884	1	0.01	0.008
0.71415176	1	1.06265043	0.04046135	1	0.095	0.047
0.8666833	1	-0.1589773	0.40987792	1	0.019	0.071
0.21141637	1	1.2683388	0.4997471	1	0.01	0
0.36373785	1	1.34436443	0.29950696	1	0.038	0.008
0.97638791	1	-0.8553622	0.68901619	1	0.01	0.008
0.02102196	1	-0.0121218	0.38595284	1	0.01	0
0.0494771	1	-0.2353708	0.91153404	1	0.029	0.126
0.36373785	1	-0.1308421	0.44608983	1	0.019	0.008
1	1	4.64722057	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008

0.13494267	1	0.30387446	0.35558736	1	0.086	0.126
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.71473465	1	-1.1111179	0.85891885	1	0.029	0.031
0.97114286	1	-1.2042406	0.9693467	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.73560557	1	-1.5952973	0.09466982	1	0.019	0.016
0.47413309	1	-7.4172364	0.31142884	1	0	0
0.17645905	1	-0.4446288	0.88939982	1	0	0.031
0.13592071	1	-0.897751	0.53289894	1	0.029	0.008
0.04202929	1	0.16155421	0.36887667	1	0.038	0.016
0.44214779	1	0.08845757	0.53573892	1	0.067	0.079
1	1	-0.0465426	1	1	0	0
0.00562382	1	-0.3353399	0.50356926	1	0.038	0.071
0.05387049	1	-0.317279	0.45998624	1	0.105	0.039
1	1	-0.0465426	1	1	0	0
0.21141637	1	-9.3297729	0.07816392	1	0	0
0.21141637	1	-9.6280841	0.07816392	1	0	0
0.31557454	1	0.77463008	0.04404945	1	0.086	0.094
1	1	-0.0465426	1	1	0	0
0.0165809	1	-0.020541	0.94221798	1	0.019	0.031
0.05012925	1	6.76701699	0.32710281	1	0.01	0.016
0.26680846	1	0.37266643	0.25502125	1	0.029	0.008
0.00022911	1	-0.1238893	0.50423021	1	0.114	0.165
0.9323485	1	-0.1006373	0.4254218	1	0.01	0.031
1	1	8.43169627	0.32710281	1	0	0
0.27682995	1	-0.362282	0.7271472	1	0.086	0.071
0.00443335	1	-0.850359	0.29128331	1	0.01	0.008
1	1	7.36847292	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.42957086	1	0.17740336	0.63879534	1	0.029	0.031
0.0037525	1	-0.3449544	0.63877705	1	0.067	0.071
0.95884737	1	-0.3355977	0.7377788	1	0.01	0.031
0.95268135	1	-11.118173	0.01240969	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.02765727	1	0.37231175	0.74807577	1	0.019	0.118
1	1	-0.0465426	1	1	0	0
0.70446388	1	-9.5915164	0.07816392	1	0	0.008
0.14820265	1	0.41725136	0.39595417	1	0.029	0
0.01417362	1	0.20335667	0.33022875	1	0.019	0.055
0.1352084	1	-0.7930816	0.17144333	1	0.114	0.165
0.47596545	1	-0.0782803	0.84503374	1	0.133	0.126
0.00734338	1	-0.3990364	0.09651241	1	0.352	0.268

1	1	-0.0465426	1	1	0	0
0.25323783	1	0.12132637	0.97455107	1	0.343	0.378
0.47413309	1	-6.6300567	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.42725779	1	0.06957931	0.55954798	1	0.276	0.181
1	1	-0.0465426	1	1	0	0
0.20054005	1	0.20797067	0.77959632	1	0.029	0.016
0.97114286	1	1.57336155	0.16849427	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.76458796	1	-1.018959	0.3597062	1	0.029	0.039
1	1	9.01345218	0.16448785	1	0	0
0.01915992	1	-0.7662024	0.0966117	1	0.029	0.016
0.07047406	1	-0.6364766	0.84061922	1	0.01	0.031
1.23E-05	0.33926057	0.29075029	0.20291278	1	0.105	0.047
0.17925367	1	0.06431684	0.31245288	1	0.171	0.197
1	1	-0.0465426	1	1	0	0
0.72351917	1	-0.0519776	0.50660259	1	0.229	0.134
0.47413309	1	-8.6381149	0.31142884	1	0	0
0.54930472	1	0.2579255	0.75640081	1	0.057	0.039
0.30884832	1	0.84189918	0.67837832	1	0	0
0.21141637	1	-0.1954125	0.6287492	1	0	0
0.89016384	1	0.02461925	0.08532599	1	0.086	0.079
0.6323814	1	1.80285973	0.03185311	1	0.029	0.024
0.75970586	1	0.53175712	0.11802041	1	0.038	0.039
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.28783637	0.16448785	1	0	0.008
0.34867383	1	-0.4466097	0.61821574	1	0.124	0.087
1	1	4.95779975	0.32710281	1	0	0
0.07771796	1	-0.0620015	0.55875323	1	0.114	0.118
0.05012925	1	-0.0465426	1	1	0	0.016
1	1	-0.0465426	1	1	0	0
0.49518996	1	-0.1932836	0.9784034	1	0.048	0.157
1	1	-0.0465426	1	1	0	0
0.11038508	1	0.18494463	0.63896893	1	0.029	0.031
0.16745907	1	-0.0465426	1	1	0	0.008
0.2027197	1	-0.1537442	0.50589913	1	0.01	0.079
0.77774569	1	-0.3565611	0.32094259	1	0.124	0.142
0.06714018	1	0.00144633	0.60751484	1	0.048	0.126
0.38176209	1	-0.6529057	0.36699003	1	0.076	0.039
0.16745907	1	7.51466123	0.32710281	1	0	0.008
0.50044134	1	-2.0638865	0.09401823	1	0.019	0.031
0.43194295	1	-0.5956311	0.26290238	1	0.143	0.181

0.10281436	1	-0.3625632	0.62415231	1	0.057	0.031
0.61650423	1	0.0334467	0.83229748	1	0.095	0.142
0.62316808	1	-2.4543579	0.16596842	1	0.01	0.024
0.30884832	1	-8.5253997	0.15105729	1	0	0
0.14820265	1	-2.8700354	0.16486421	1	0	0
1	1	-0.0465426	1	1	0	0
2.32E-05	0.63938979	-0.6353456	0.01772396	1	0.152	0.173
0.82280614	1	-0.7495515	0.36600062	1	0.048	0.11
0.03581463	1	0.59004911	0.18566714	1	0.019	0.055
1	1	-0.0465426	1	1	0	0
1	1	4.64722057	0.32710281	1	0	0
0.25473424	1	0.64017401	0.4190534	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	6.41031691	0.32710281	1	0	0
2.94E-06	0.08104557	0.21344623	0.1255515	1	0.171	0.142
1	1	-0.0465426	1	1	0	0
0.00607041	1	-0.6845809	0.23390543	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.97027432	1	-0.1017367	0.90374438	1	0.114	0.079
0.31337444	1	-0.727926	0.87877865	1	0.048	0.031
0.38017887	1	0.16323942	0.72995596	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.44680674	1	0.08190615	0.32946813	1	0.095	0.094
0.15778846	1	-0.4324902	0.40308959	1	0.305	0.173
0.01806902	1	0.87114905	0.55930443	1	0.076	0.102
0.83513046	1	-0.3136972	0.97914752	1	0.076	0.055
0.86316875	1	-0.3171301	0.61106679	1	0.01	0.024
0.13612062	1	-0.4668947	0.99831074	1	0.057	0.031
0.30165993	1	-0.113488	0.22648019	1	0.276	0.189
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	8.8646703	0.08811101	1	0	0.008
0.03253782	1	-0.8988065	0.05651191	1	0.095	0.055
0.16745907	1	8.66779373	0.16448785	1	0.01	0.008
1	1	-0.0465426	1	1	0.01	0
0.70446388	1	0.76602634	0.22638363	1	0.01	0.008
0.16745907	1	9.61293999	0.16448785	1	0.01	0.008
0.63376766	1	0.01839958	0.66383807	1	0.457	0.417
0.17566106	1	-0.0433628	0.89315144	1	0.352	0.402
1	1	7.20366268	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.75428336	1	-0.5792211	0.61795801	1	0.029	0.071
0.4071723	1	-9.4612256	0.07816392	1	0.019	0.024
0.05458447	1	-0.2859472	0.73156285	1	0.019	0
0.62316808	1	1.01894343	0.26695529	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.36709067	1	-0.1778164	0.57955693	1	0.124	0.071
1	1	4.64722057	0.32710281	1	0	0
0.03380515	1	-0.6643711	0.7231741	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.13895545	1	-0.8985985	0.44029559	1	0.019	0.016
0.015555	1	-0.2006034	0.78770799	1	0.076	0.055
0.66424879	1	0.85154324	0.0086048	1	0.219	0.142
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.03134433	1	0.81137285	0.16484224	1	0.038	0.016
0.30884832	1	-0.8430857	0.9693467	1	0	0
0.14415951	1	-0.455187	0.57871054	1	0.067	0.016
0.47413309	1	1.01218231	0.98633536	1	0.01	0
0.90048119	1	0.0363861	0.59522236	1	0.114	0.118
0.126158	1	-0.3202675	0.14646037	1	0.371	0.409
0.14205396	1	-1.9320202	0.11279966	1	0.019	0.008
0.44457671	1	-0.0076951	0.71771539	1	0.276	0.22
0.69601219	1	-0.9776025	0.62618056	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.91390773	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.46597638	0.19168897	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.5576813	0.31142884	1	0	0.008
1	1	7.52114623	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	-0.0465426	1	1	0	0.016
0.97638791	1	-1.4361327	0.54567368	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
0.78658181	1	-0.9656119	0.30421593	1	0.01	0.016
5.93E-13	1.64E-08	0.22979544	0.02329095	1	0.343	0.535
1	1	-0.0465426	1	1	0	0
0.01148919	1	0.05126259	0.58834394	1	0.029	0.008
9.69E-26	2.67E-21	-0.0689473	0.76405508	1	0.781	0.827
1	1	-0.0465426	1	1	0	0

0.49577414	1	0.48554876	0.01938597	1	0.39	0.26
0.19445605	1	0.03288653	0.92098586	1	0.114	0.118
0.61030184	1	-0.4899076	0.59926369	1	0.143	0.126
0.08316934	1	0.0663885	0.69355982	1	0.029	0.055
0.8087409	1	0.1334428	0.94258349	1	0.019	0.039
0.94965278	1	0.54239708	0.37677675	1	0.133	0.173
0.48601447	1	-0.4383815	0.63552002	1	0.095	0.047
0.63252514	1	-0.3022387	0.7618968	1	0.267	0.244
0.29382767	1	-0.3310304	0.18304219	1	0.314	0.276
1	1	-0.0465426	1	1	0	0
0.25727543	1	-1.397527	0.01527511	1	0.057	0.039
0.16745907	1	9.19322668	0.08811101	1	0.01	0.008
0.3012419	1	-0.8294396	0.57619824	1	0.067	0.024
2.44E-05	0.67362141	1.36263432	8.19E-09	0.00022603	0.229	0.386
1	1	-0.0465426	1	1	0	0
0.01091816	1	0.09577683	0.85048806	1	0.562	0.472
0.41549472	1	0.33319024	0.63163263	1	0.029	0.039
0.13592756	1	-0.5419633	0.75413775	1	0.029	0.024
0.49524626	1	-0.0461114	0.40288963	1	0	0.008
0.00152941	1	0.35604066	0.10474169	1	0.171	0.22
0.29233151	1	0.54213657	0.00329614	1	0.124	0.087
1	1	-0.0465426	1	1	0	0
0.69125838	1	0.23319586	0.16230983	1	0.238	0.205
0.14820265	1	-0.2008084	0.9622058	1	0.038	0
1	1	-0.0465426	1	1	0	0
0.74869428	1	0.83413264	0.43136514	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.7983938	1	0.17215649	0.7416214	1	0.019	0.016
0.47413309	1	-8.4524524	0.31142884	1	0	0
0.00056211	1	-0.6828156	0.0169221	1	0.162	0.165
0.98163398	1	-4.3180374	0.54257632	1	0	0.008
0.12955197	1	-0.1008784	0.51017267	1	0.029	0.031
0.03410098	1	-0.0676403	0.74288443	1	0.305	0.354
0.69412468	1	-0.9777337	0.94857783	1	0.019	0.055
0.01390401	1	-0.8414838	0.01206411	1	0.114	0.071
0.37470791	1	-0.383686	0.26205941	1	0.048	0.039
0.30884832	1	-8.6153146	0.15105729	1	0	0
0.47413309	1	-8.2411557	0.31142884	1	0	0
0.05012925	1	8.84749954	0.08811101	1	0	0.016
0.00043142	1	-0.6117797	0.00241131	1	0.333	0.228
0.62941705	1	-0.9040199	0.22082058	1	0.124	0.063
0.072231	1	0.05562942	0.36134393	1	0.067	0.039

0.52476489	1	0.2146334	0.43749346	1	0.01	0.063
0.21670175	1	0.04759539	0.42583654	1	0.086	0.134
0.03120515	1	-0.0627943	0.97240851	1	0.029	0.031
1	1	8.17262737	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.17256684	1	0.10946978	0.19723639	1	0.552	0.465
0.49921047	1	0.04013501	0.12385448	1	0.21	0.165
0.63792001	1	0.17561745	0.98633536	1	0	0.008
1.79E-06	0.04940763	0.27059811	0.01530454	1	0.876	0.835
0.86123993	1	-0.6077769	0.32049482	1	0.133	0.15
0.09977185	1	-0.0875628	0.78906762	1	0.067	0.071
0.12857961	1	0.41621281	0.47852952	1	0.029	0.055
0.77481873	1	0.95312443	0.73006268	1	0.038	0.016
0.03223651	1	-0.7226466	0.09358235	1	0.276	0.228
0.03848389	1	0.01902204	0.51711156	1	0.59	0.504
0.51003251	1	-1.606016	0.54567368	1	0	0.016
0.70915027	1	0.05697977	0.25481158	1	0.543	0.26
0.47413309	1	0.75546344	0.98633536	1	0.01	0
0.21141637	1	0.15767328	0.51260639	1	0	0
0.47413309	1	-0.7329568	0.98178118	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.00172944	1	-1.2008262	0.03424722	1	0.019	0.008
0.47413309	1	-7.3177104	0.31142884	1	0	0
0.69601219	1	-1.1712866	0.30421593	1	0.019	0.008
0.47413309	1	-7.0014575	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.42349475	1	-0.5234782	0.71709184	1	0.095	0.039
5.69E-06	0.1569361	0.12701155	0.41172256	1	0.343	0.48
0.99026168	1	0.35359176	0.8983854	1	0.057	0.063
0.03542489	1	0.49256865	0.02366347	1	0.371	0.378
0.16745907	1	-0.0465426	1	1	0	0.008
0.06850959	1	0.01236204	0.91672191	1	0.352	0.331
0.59641163	1	-0.1203651	0.5026444	1	0.619	0.535
0.00272308	1	0.16613669	0.74290471	1	0.886	0.858
0.52294375	1	0.06443025	0.17604671	1	0.562	0.425
0.16745907	1	7.8077944	0.32710281	1	0	0.008
0.05012925	1	7.36847292	0.32710281	1	0	0.016
0.0259912	1	-0.0774128	0.31752112	1	0.029	0.087
1	1	7.84026543	0.32710281	1	0	0
0.23385587	1	-7.6072073	0.31142884	1	0	0.016
0.17562623	1	-0.0270406	0.9214595	1	0.019	0.031
0.43309861	1	-0.273194	0.98090455	1	0.067	0.047
0.05012925	1	9.70394405	0.04861576	1	0.01	0.016

0.18114652	1	-0.0154076	0.77666844	1	0.229	0.26
0.16745907	1	8.39632323	0.32710281	1	0	0.008
0.33958942	1	0.59331132	0.12226986	1	0.029	0.031
0.61351353	1	0.80941946	0.14178191	1	0.124	0.118
0.26125492	1	-0.2052558	0.72260576	1	0.019	0.008
0.46885853	1	0.00091234	0.75997582	1	0.21	0.157
1.38E-06	0.03813632	-0.0764904	0.73721984	1	0.305	0.228
0.30884832	1	1.02756492	0.67572874	1	0.019	0
0.03821966	1	-0.1962952	0.84925448	1	0.01	0.047
0.42051315	1	1.44461418	0.05820916	1	0.029	0.024
0.16987846	1	0.38783079	0.65711391	1	0.019	0.031
0.22114379	1	1.70268645	0.67837832	1	0.01	0.024
8.90E-05	1	-0.2728903	0.7088552	1	0.057	0.016
0.00011869	1	0.10693814	0.67798655	1	0.029	0.055
1.05E-16	2.89E-12	-0.2862168	0.12499292	1	0.162	0.205
0.9145418	1	-0.1410535	0.42690052	1	0.152	0.142
0.75583725	1	-1.0678252	0.33248137	1	0.038	0.024
0.03879009	1	0.40191382	0.10696542	1	0.467	0.48
0.22727279	1	0.13197553	0.58411634	1	0.229	0.205
0.5799063	1	0.96901326	0.61617964	1	0	0.016
0.09299733	1	-0.0787009	0.6283825	1	0.505	0.48
0.95629752	1	0.30605006	0.59285228	1	0.105	0.079
0.25910524	1	-0.3384385	0.89430745	1	0.057	0.016
1	1	-0.0465426	1	1	0	0
0.91841645	1	0.04985486	0.41701064	1	0.248	0.252
0.24344226	1	-0.3454074	0.80770951	1	0.019	0.15
0.5867422	1	0.5644989	0.1027685	1	0.057	0.063
0.6357818	1	-0.1867996	0.67425931	1	0.152	0.228
0.41449148	1	0.6529468	0.28596944	1	0.038	0.031
0.49524626	1	1.29828749	0.25595658	1	0.019	0.008
0.2738543	1	-0.7619363	0.48946351	1	0.048	0.039
0.19474832	1	0.96329329	0.10252245	1	0.019	0.016
0.19360484	1	0.47006191	0.15508472	1	0.029	0.016
0.47413309	1	-7.6641116	0.31142884	1	0.01	0
1.04E-07	0.00287157	0.30861978	0.02119431	1	0.848	0.858
0.47755286	1	-0.7140054	0.04529738	1	0.314	0.197
0.16745907	1	-0.0465426	1	1	0	0.008
0.74620275	1	0.57685279	0.0127139	1	0.162	0.165
0.21705087	1	-0.01098	0.65049667	1	0.086	0.087
1	1	-0.0465426	1	1	0	0
0.01798184	1	0.36317807	0.14711713	1	0.295	0.331
0.04030688	1	0.17144899	0.77243558	1	0.229	0.26
0.36642579	1	-0.0566497	0.51753149	1	0.019	0.047

0.66988889	1	-0.1464629	0.65151602	1	0.2	0.157
0.14820265	1	0.25416205	0.55990306	1	0.01	0
0.19793421	1	0.13347959	0.91969591	1	0.105	0.031
0.69180038	1	-5.7339954	0.29853994	1	0.019	0.008
0.59970654	1	-0.3379223	0.70983435	1	0.057	0.047
0.16745907	1	7.40694826	0.32710281	1	0	0.008
0.97114286	1	1.57945762	0.54877979	1	0.01	0.008
0.47413309	1	0.24670078	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.7134979	1	0.1836243	0.08468729	1	0.105	0.087
0.49524626	1	-1.0032635	0.66652704	1	0.019	0.008
0.17991957	1	-0.1712424	0.82812891	1	0.305	0.268
1	1	-0.0465426	1	1	0.01	0
0.82998082	1	-0.2330881	0.80576964	1	0.152	0.079
0.22220627	1	0.28421159	0.23606954	1	0.038	0.031
0.4809183	1	-0.2100936	0.70336543	1	0.048	0.094
0.73887073	1	-0.5556602	0.94459564	1	0.01	0.016
1	1	-0.0465426	1	1	0.01	0
0.01670719	1	0.32596603	0.08700434	1	0.124	0.173
0.90270984	1	-0.1289818	0.63984596	1	0.171	0.11
0.31623106	1	-0.2796656	0.90090243	1	0.048	0.118
0.97114286	1	1.66324528	0.16849427	1	0.029	0.008
0.03393898	1	-0.0177808	0.74450744	1	0.457	0.425
0.68279428	1	0.21654598	0.18265313	1	0.257	0.189
0.47413309	1	-0.2991625	0.98178118	1	0	0
1	1	-0.0465426	1	1	0	0
0.88109106	1	0.64153922	0.05636058	1	0.105	0.126
0.66433736	1	-0.2849976	0.74844473	1	0.305	0.323
0.27926726	1	1.4705757	0.20691758	1	0.029	0.039
0.14820265	1	1.11450336	0.26594218	1	0	0
0.91172376	1	0.23262585	0.12906772	1	0.39	0.425
0.02227213	1	-0.2260433	0.81826154	1	0.067	0.008
0.97638791	1	1.76994588	0.27020031	1	0.01	0.008
0.04901518	1	-0.8486122	0.2502933	1	0	0.016
0.05458447	1	-1.1581761	0.9251725	1	0.01	0
0.01915992	1	-0.8667608	0.57543002	1	0.038	0.016
0.9795097	1	1.23578322	0.54955383	1	0.019	0.016
0.6323814	1	0.84624699	0.56337368	1	0	0.024
0.75512304	1	0.11557923	0.46711055	1	0.362	0.22
1.34E-24	3.71E-20	-0.2761889	0.11300243	1	0.562	0.591
0.51370259	1	-1.5939116	0.9693467	1	0	0.016
0.08653109	1	-8.165925	0.31142884	1	0.01	0.024

0.01526615	1	0.31443534	0.12590215	1	0.543	0.591
0.53674976	1	0.23830334	0.23218943	1	0.562	0.496
0.60084926	1	-0.5655837	0.2008743	1	0.114	0.15
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1	1	-0.0465426	1	1	0	0
0.04799177	1	-0.1062186	0.79304703	1	0.076	0.047
0.06184046	1	-0.0323797	0.75904985	1	0.067	0.094
0.56147413	1	-0.4001606	0.53840206	1	0.152	0.15
0.05322836	1	-0.3647076	0.33050009	1	0.248	0.339
0.11376158	1	-0.060447	0.49250532	1	0.067	0.087
0.42901238	1	0.37189503	0.27370057	1	0.038	0.079
0.00026894	1	-0.2597558	0.17754368	1	0.4	0.37
0.00981636	1	-0.9184425	0.14517887	1	0.038	0.031
0.30877343	1	-0.4448411	0.8673515	1	0.029	0.039
0.66029684	1	0.47355913	0.47489517	1	0.038	0.063
0.22658192	1	-0.2373995	0.25036149	1	0.029	0.047
0.08921977	1	-0.0137521	0.63327641	1	0.086	0.142
0.77481873	1	0.48668637	0.50891479	1	0	0.016
0.14334824	1	-0.069607	0.86662708	1	0.133	0.22
0.98665558	1	-0.2623087	0.88634995	1	0.2	0.197
0.00679714	1	-0.0883134	0.49880712	1	0.229	0.268
0.1553294	1	-0.7371647	0.73462022	1	0.048	0.071
0.02106535	1	-0.1758645	0.70542489	1	0.238	0.276
0.58753602	1	-0.2634263	0.98028155	1	0.067	0.094
0.00310905	1	0.41130418	0.1899431	1	0.019	0.016
0.8992261	1	-0.2024868	0.58128728	1	0.448	0.441
0.40239618	1	0.89605085	0.01667857	1	0.248	0.094
0.28858462	1	0.10249017	0.63095825	1	0.2	0.157
0.67024184	1	0.12501672	0.19198542	1	0.124	0.11
0.03550789	1	-0.2113112	0.12355103	1	0.095	0.071
0.00091229	1	0.25398821	0.77553763	1	0.029	0.047
0.32829437	1	0.51638416	0.20812338	1	0.029	0.055
1	1	-0.0465426	1	1	0	0
0.00324471	1	-0.569231	0.23729675	1	0.076	0.071
0.00417817	1	-0.2301701	0.93467403	1	0.038	0.071
0.00100558	1	-0.7216563	0.08782557	1	0.057	0.031
0.29314251	1	-0.2152345	0.64123551	1	0.076	0.071
0.89169769	1	-0.2462177	0.20719823	1	0.343	0.354
0.00062671	1	0.03991056	0.62075841	1	0.581	0.551
1	1	-0.0465426	1	1	0	0
0.43381893	1	-0.0698085	0.83373539	1	0.229	0.126
0.68813491	1	1.14651118	0.00072755	1	0.067	0.102
0.22307814	1	-0.9972973	0.68901619	1	0	0.024

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0.20309338	1	0.48688963	0.51075885	1	0	0.031
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0.25735738	1	-0.037556	0.6485585	1	0.59	0.591
0.30884832	1	-0.8283764	0.97257202	1	0	0
0.63792001	1	-7.6104449	0.31142884	1	0.01	0.008
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0.64367666	1	3.04993271	0.01244583	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.06131984	1	-0.1209766	0.6730711	1	0.019	0.016
0.62010994	1	1.24616861	0.07795163	1	0	0.024
0.44614011	1	-0.2482867	0.35780097	1	0.029	0.087
0.6648009	1	-0.4718298	0.75095063	1	0.105	0.055
0.01621721	1	8.31101991	0.08811101	1	0	0.024
1	1	-0.0465426	1	1	0	0
0.2069185	1	0.6224954	0.35076894	1	0.038	0.071
0.73135504	1	0.21871962	0.37496144	1	0.2	0.22
0.00424356	1	-0.1705367	0.97309803	1	0.133	0.291
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0.150541	1	-0.8434684	0.24956287	1	0.029	0.024
0.14820265	1	-10.705354	0.04168349	1	0	0
0.16745907	1	8.66579848	0.16448785	1	0	0.008
0.51763401	1	0.1784622	0.44608983	1	0.029	0.031
0.00124049	1	-0.03985	0.21574561	1	0.305	0.48
0.13624785	1	0.27374552	0.46194775	1	0.076	0.079
0.09577454	1	0.56302407	0.08490949	1	0.314	0.276
0.00339824	1	-0.4336075	0.75912948	1	0.21	0.252
0.20433206	1	0.0737598	0.98461147	1	0.371	0.362
0.0061011	1	-0.5535212	0.24434605	1	0.2	0.094
0.06626564	1	-0.4228902	0.60793483	1	0.095	0.094
1	1	-0.0465426	1	1	0	0
0.41247808	1	0.42634708	0.97359938	1	0.029	0.024
0.16745907	1	-0.0465426	1	1	0	0.008
0.75197797	1	-1.6827953	0.44150208	1	0.048	0.016
0.01994608	1	0.07044871	0.45783951	1	0.467	0.488
0.64367666	1	-1.0241383	0.58671897	1	0.019	0.008
0.47413309	1	-7.9276063	0.31142884	1	0	0
0.33550385	1	0.72599601	0.77699816	1	0.019	0.031
0.07750877	1	0.37989609	0.62018281	1	0.124	0.157
0.65645258	1	-0.1705126	0.50867828	1	0.229	0.213
0.70623342	1	0.36699158	0.76661368	1	0.143	0.165
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0.23702241	1	-2.0778766	0.06873065	1	0.029	0.024

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0.22604871	1	0.35318355	0.33881299	1	0.352	0.354
0.21141637	1	-1.2344967	0.62361645	1	0	0
1	1	8.71842113	0.32710281	1	0	0
0.10436295	1	-0.7470594	0.13413484	1	0.029	0.016
2.57E-05	0.70931701	0.34697076	0.90035625	1	0.162	0.276
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0.60419142	1	-0.1304819	0.62615112	1	0.105	0.126
0.47413309	1	-8.1944881	0.31142884	1	0	0
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0.64188717	1	-0.5931257	0.61127745	1	0.086	0.11
0.33347299	1	-0.5950029	0.78949156	1	0.029	0.031
0.69180038	1	1.70179702	0.09139056	1	0.01	0.008
0.77968066	1	-0.82578	0.28107928	1	0.029	0.047
0.66188914	1	0.15534766	0.35419296	1	0.019	0.031
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0.09068947	1	0.32146606	0.79865928	1	0.114	0.063
0.16745907	1	8.38488849	0.32710281	1	0	0.008
0.23906368	1	0.52216291	0.33569097	1	0	0.016
0.97638791	1	-0.2904436	0.43771264	1	0	0.008
0.47413309	1	0.96239187	0.33569097	1	0	0
0.14820265	1	-2.0131545	0.16707819	1	0	0
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0.56295834	1	-0.1322172	0.55956806	1	0.124	0.15
0.47413309	1	1.58047295	0.98633536	1	0.01	0
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0.01118225	1	0.08702387	0.95367733	1	0.41	0.362
0.59555986	1	-0.232932	0.97829857	1	0.105	0.15
0.86216671	1	-1.366325	0.8832872	1	0.019	0.031
0.60330387	1	0.52130045	0.10077448	1	0.238	0.173
0.02985333	1	0.10574174	0.20580905	1	0.552	0.535
0.30884832	1	0.05415426	0.68368941	1	0	0
0.08635112	1	-0.2265509	0.60757981	1	0.181	0.22
0.22895378	1	0.49700352	0.67837832	1	0	0.024
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1.39E-11	3.83E-07	-0.1609831	0.19779319	1	0.257	0.228
0.09260205	1	-0.8797923	0.37711957	1	0.067	0.039
0.56864775	1	-0.3271736	0.65070825	1	0.124	0.087
0.17143947	1	0.17679049	0.73940309	1	0.01	0.039
0.0288151	1	-0.3102088	0.7556855	1	0.01	0

0.42073656	1	0.2139831	0.47125515	1	0.2	0.15
0.00637545	1	-0.2580119	0.75690204	1	0.048	0.063
0.29290473	1	-0.2117065	0.76821149	1	0.048	0.142
5.98E-13	1.65E-08	-0.3840276	0.02555278	1	0.076	0.031
0.19852148	1	-0.0926012	0.96568352	1	0.019	0.031
0.03960931	1	-0.7906279	0.33945164	1	0.086	0.039
0.10838781	1	-0.2904193	0.34011283	1	0.114	0.102
0.87478811	1	-1.2516699	0.72119642	1	0.029	0.047
0.94658432	1	0.94092329	0.08213439	1	0.076	0.024
0.46087052	1	-1.620999	0.02349944	1	0.067	0.087
0.53009901	1	0.46656288	0.97535994	1	0	0.031
0.5145326	1	0.28417182	0.62573164	1	0.076	0.071
0.26867755	1	-0.6097321	0.94462752	1	0.029	0.008
0.19504321	1	0.98807458	0.13224375	1	0.124	0.087
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0.30884832	1	-0.1055795	0.97579778	1	0	0
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0.74541514	1	-0.7774775	0.45006907	1	0.01	0.016
0.16745907	1	-0.0465426	1	1	0	0.008
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0.47413309	1	1.06867168	0.98633536	1	0	0
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0.47413309	1	-8.944964	0.31142884	1	0	0
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0.64367666	1	-0.6429222	0.98178118	1	0.01	0.008
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0.64367666	1	-0.1503152	0.98178118	1	0	0.008
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1	1	8.03821046	0.32710281	1	0	0
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1	1	8.09572549	0.32710281	1	0	0
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0.47413309	1	-7.1635828	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.96640967	0.32963505	1	0	0

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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.18056296	0.16448785	1	0.01	0.008
1	1	-0.0465426	1	1	0.01	0
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0.30884832	1	-9.0429853	0.15105729	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0.01	0
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0.30884832	1	-8.6933985	0.15105729	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0.01	0
0.47413309	1	-8.1799342	0.31142884	1	0	0
0.47413309	1	-7.8584865	0.31142884	1	0	0
1	1	6.09622385	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-7.0476366	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
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0.51877069	1	-0.2626109	0.77118719	1	0.114	0.071
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.6072073	0.31142884	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.1189312	0.31142884	1	0	0
1	1	7.59022559	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	8.37649493	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	7.52060469	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
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1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.7380697	0.31142884	1	0	0
0.09434974	1	-0.2666482	0.72849151	1	0.095	0.087
1	1	-0.0465426	1	1	0	0
0.47413309	1	-7.3483951	0.31142884	1	0	0
0.46395519	1	0.83779028	0.03057022	1	0.152	0.102
0.47413309	1	1.5414843	0.58031208	1	0.01	0
0.30884832	1	-8.3781069	0.15105729	1	0	0
0.02260234	1	0.07736304	0.33576383	1	0.429	0.504
0.05012925	1	4.64722057	0.32710281	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.63792001	1	-1.7954304	0.98178118	1	0	0.008
0.33145007	1	-0.1255546	0.66875868	1	0.01	0.031
0.77873416	1	-9.2103132	0.07816392	1	0.01	0.016
0.30884832	1	-1.1571942	0.9693467	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.61705836	1	-0.2001662	0.77907649	1	0.019	0.024
4.32E-05	1	0.21806011	0.14637884	1	0.629	0.685
1	1	7.23744123	0.32710281	1	0.01	0
0.00944947	1	-0.0297608	0.13724757	1	0.648	0.583
0.64367666	1	0.94042247	0.58351143	1	0	0.008
1	1	-0.0465426	1	1	0.029	0

0.09611746	1	0.11284734	0.71793273	1	0.286	0.213
1	1	-0.0465426	1	1	0	0
0.40982008	1	0.46995642	0.34349999	1	0	0.024
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.02106274	1	-0.034407	0.78638313	1	0.276	0.362
0.06460355	1	-0.6586293	0.25240285	1	0.019	0.016
0.86216408	1	-0.7117868	0.46011486	1	0.057	0.047
0.36620968	1	0.23909955	0.96920268	1	0.019	0.008
0.36620968	1	-0.5355011	0.45006907	1	0.01	0.008
0.1704544	1	0.37111749	0.08507558	1	0.086	0.126
0.33997163	1	-0.9542822	0.02040079	1	0.067	0.087
0.82070061	1	0.06520816	0.94448064	1	0.41	0.299
0.92767367	1	-0.0659866	0.94776435	1	0.352	0.252
0.0297713	1	0.15766394	0.69163596	1	0.371	0.307
0.8188627	1	-0.3996544	0.74887532	1	0.095	0.118
0.30999582	1	0.26255804	0.91167372	1	0.038	0.024
0.01570421	1	1.16523539	0.00126011	1	0.229	0.165
0.27119429	1	-0.5014739	0.59740702	1	0.029	0.031
0.10726619	1	0.04074318	0.50657277	1	0.143	0.22
0.44047202	1	-0.2362166	0.51200549	1	0.057	0.087
0.44218024	1	0.09180318	0.63318878	1	0.295	0.299
0.44773357	1	0.11337701	0.31539278	1	0.229	0.142
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.23906368	1	-9.1677248	0.31142884	1	0	0.016
0.92468745	1	-0.7400035	0.52152923	1	0.181	0.118
0.30884832	1	0.23478728	0.27963836	1	0.01	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.30884832	1	-1.0463435	0.9693467	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.67364081	1	0.53788198	0.69069191	1	0.048	0.087
0.46204257	1	-0.8163995	0.08833297	1	0.286	0.118
0.13601934	1	0.40544494	0.1942838	1	0.171	0.087
1	1	-0.0465426	1	1	0	0
0.22751855	1	2.00888668	0.02124042	1	0	0.047
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.30884832	1	-8.3933393	0.15105729	1	0.01	0
0.78190573	1	-0.092397	0.59771479	1	0.048	0.039
0.62867979	1	-0.1644829	0.29610216	1	0.257	0.181
0.05012925	1	9.34016273	0.04861576	1	0.01	0.016

1	1	-0.0465426	1	1	0	0
0.35203661	1	-0.502516	0.95534075	1	0.038	0.031
0.47413309	1	-3.5363874	0.98178118	1	0.01	0
0.35882559	1	-0.8759416	0.23828773	1	0	0.008
0.03191318	1	-0.976076	0.09846041	1	0.095	0.055
0.44749964	1	-0.3416448	0.86551486	1	0.076	0.071
0.01443357	1	-0.1192285	0.78397738	1	0.067	0.031
0.03229999	1	-0.3194407	0.46365511	1	0.114	0.047
0.10133683	1	-4.7250959	0.00898838	1	0.019	0.008
0.03739544	1	0.30030757	0.62179913	1	0.038	0.016
0.60391186	1	0.11369343	0.92512295	1	0.2	0.228
0.02953786	1	2.75509089	0.06373537	1	0	0.031
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	9.29267146	0.16448785	1	0.019	0.008
0.00015455	1	0.06226575	0.75051943	1	0.105	0.181
1	1	-0.0465426	1	1	0	0
0.9415994	1	-0.4243418	0.75404586	1	0.095	0.118
0.05552507	1	-0.1358112	0.74805259	1	0.133	0.118
0.33872218	1	-0.1053608	0.65674348	1	0.095	0.11
0.25173061	1	-0.7099076	0.88686029	1	0.086	0.063
0.93569764	1	-0.9190994	0.11094336	1	0.048	0.11
1	1	-0.0465426	1	1	0	0
0.47987723	1	-0.1515473	0.90708142	1	0.038	0.039
0.47361969	1	0.66858485	0.29005236	1	0.038	0.047
0.03425585	1	0.2871188	0.56457051	1	0	0.016
0.03470755	1	0.07298819	0.88008793	1	0.057	0.039
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.47413309	1	2.27320552	0.10994172	1	0.019	0
1	1	8.53674884	0.32710281	1	0.01	0
0.21141637	1	-0.5178496	0.51816985	1	0	0
0.7928363	1	0.8867182	0.03138073	1	0.086	0.031
1	1	8.00477847	0.32710281	1	0	0
0.92997251	1	0.53970902	0.16937953	1	0.086	0.063
0.09428918	1	-0.1766411	0.72720381	1	0.095	0.055
1	1	-0.0465426	1	1	0.01	0
0.01307718	1	0.6859516	0.06817025	1	0.229	0.283
0.08526328	1	-0.1008799	0.47898668	1	0.152	0.165
0.68541761	1	-0.0078535	0.74926329	1	0.114	0.063
0.91217502	1	-0.0971598	0.37227021	1	0.4	0.409
0.22737862	1	-0.3437971	0.24932346	1	0.295	0.228
0.01621721	1	8.96307314	0.16448785	1	0	0.024

0.20100008	1	0.12946182	0.76487651	1	0.457	0.512
0.60748527	1	0.12871661	0.26745662	1	0.295	0.354
0.54191664	1	0.2466792	0.60777947	1	0.038	0.031
0.55271895	1	-1.8614939	0.01470564	1	0.038	0.087
0.16745907	1	-0.0465426	1	1	0.01	0.008
0.28423243	1	-1.075858	0.43141652	1	0.019	0.024
0.60005375	1	0.71947622	0.09138199	1	0.029	0.039
0.07803392	1	-1.5543141	0.09071142	1	0.029	0.008
0.50777235	1	-1.4631458	0.44150208	1	0	0.031
0.97114286	1	-2.5157025	0.54257632	1	0	0.008
0.07263192	1	-0.2132308	0.49985251	1	0.257	0.26
0.00703652	1	0.4296702	0.5688806	1	0.343	0.307
0.22502458	1	-10.009964	0.15105729	1	0.01	0.024
0.54003014	1	0.01720461	0.41372691	1	0.314	0.276
0.21141637	1	-0.6643743	0.6287492	1	0.01	0
0.63792001	1	-0.3610609	0.98178118	1	0	0.008
0.19797611	1	-0.8853461	0.48447128	1	0.095	0.055
0.98555293	1	0.18507661	0.86420493	1	0.086	0.094
0.27297982	1	-0.3859849	0.62262919	1	0.171	0.11
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.80085485	1	-0.1274409	0.72911308	1	0.286	0.323
0.19787162	1	-0.6428126	0.06274814	1	0.124	0.087
0.16745907	1	8.76411767	0.16448785	1	0	0.008
0.23449359	1	-0.1993515	0.38046353	1	0.419	0.402
3.84E-07	0.01059688	0.27264533	0.00823596	1	0.648	0.795
0.29743861	1	0.0730292	0.23676477	1	0.048	0.055
0.60674881	1	-0.3762032	0.74039394	1	0.029	0.071
1	1	9.72655905	0.04861576	1	0	0
0.00948785	1	0.06954552	0.94515531	1	0.419	0.394
0.02669998	1	-1.2943541	0.02503322	1	0.152	0.071
0.32701964	1	-3.7422917	0.0473473	1	0.01	0.016
1	1	9.80644812	0.04861576	1	0	0
1	1	-0.0465426	1	1	0	0
0.93685013	1	-0.1237181	0.75656339	1	0.038	0.039
0.38502865	1	0.19069675	0.73598906	1	0.248	0.205
0.43706329	1	1.16326047	0.48589046	1	0.038	0.016
0.57508389	1	-0.4611445	0.29670742	1	0.143	0.102
0.67012889	1	0.49063293	0.23205512	1	0.048	0.055
0.14820265	1	-0.9919228	0.67323072	1	0.01	0
0.22576754	1	0.68998132	0.14662224	1	0.067	0.071
0.57713347	1	-0.6028087	0.36065651	1	0	0.016
0.64961903	1	-0.1557764	0.99538991	1	0.086	0.071

0.8214636	1	-0.102179	0.638639	1	0.086	0.094
0.75855879	1	0.66151883	0.4366867	1	0.01	0.016
1	1	-0.0465426	1	1	0	0
0.45536322	1	-0.4883169	0.29933979	1	0.095	0.15
0.93662378	1	0.02715965	0.64994386	1	0.038	0.055
0.08993177	1	-0.4049076	0.89891621	1	0.229	0.276
0.05012925	1	-0.0465426	1	1	0	0.016
0.02741695	1	-0.5952247	0.63437512	1	0.095	0.024
1	1	-0.0465426	1	1	0	0
0.14820265	1	-4.9847229	0.16486421	1	0	0
0.94963247	1	-3.4848949	0.13799019	1	0.01	0.024
0.5661051	1	-1.1910091	0.28864095	1	0	0.016
0.42051315	1	1.13459572	0.22051101	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.18960429	1	-1.9363015	0.62361645	1	0.019	0.031
0.06716045	1	-0.2355146	0.63161344	1	0.048	0.016
0.34117583	1	-1.2037838	0.32180402	1	0.076	0.031
0.05042768	1	0.18295989	0.79077373	1	0.067	0.126
9.38E-08	0.00258894	0.42119289	0.01937631	1	0.219	0.134
1	1	-0.0465426	1	1	0	0
0.00044879	1	-0.4279976	0.18388888	1	0.067	0.039
0.97638791	1	-0.4337185	0.97257202	1	0.01	0.008
0.00265744	1	-0.1750623	0.94655575	1	0.048	0.134
0.47413309	1	-1.2945308	0.98178118	1	0	0
1	1	8.42432915	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.0494092	1	0.91516621	0.00133561	1	0.114	0.047
0.32602787	1	0.01309976	0.12995928	1	0.01	0.055
0.94874689	1	0.63778439	0.44068609	1	0.048	0.039
0.93209522	1	0.25834082	0.61301219	1	0.019	0.039
0.88130875	1	-0.1021978	0.52139882	1	0.019	0.031
0.93973679	1	-0.1090556	0.71697063	1	0.238	0.157
0.39583358	1	-0.3229816	0.66498664	1	0.21	0.205
0.96476341	1	-0.5298829	0.87655656	1	0.048	0.071
0.23154715	1	-0.4038389	0.12747727	1	0.095	0.063
0.40721151	1	-1.6839608	0.03878092	1	0.095	0.055
0.00361442	1	-0.3265961	0.25938096	1	0.086	0.071
0.34343351	1	0.43188007	0.68106856	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.14820265	1	0.23234133	0.39192897	1	0	0
0.75526616	1	1.10667798	0.21228723	1	0	0.016
0.00371844	1	0.32420466	0.15131512	1	0.41	0.52
0.47413309	1	-7.4686325	0.31142884	1	0.01	0

0.14067382	1	0.03105559	0.30850303	1	0.019	0.016
0.21485163	1	-0.19613	0.85531154	1	0.114	0.047
0.33607454	1	0.00669612	0.94369105	1	0.029	0.016
0.00179493	1	-0.1275382	0.6413786	1	0.629	0.622
0.07486915	1	-0.075795	0.68544902	1	0.429	0.472
0.30884832	1	1.59265331	0.10477056	1	0.019	0
0.83224762	1	-0.450655	0.09879113	1	0.2	0.22
0.00646921	1	0.04180217	0.2939877	1	0.067	0.142
0.47413309	1	-8.2487318	0.31142884	1	0.01	0
1	1	7.02016438	0.16448785	1	0	0
0.00402116	1	-0.4811	0.20686962	1	0.038	0.039
0.4295535	1	-1.5057102	0.48145879	1	0.038	0.039
0.0018479	1	11.3207342	0.00508653	1	0.01	0.039
0.00882379	1	0.24742582	0.40315463	1	0.6	0.591
0.20097115	1	-0.3066192	0.60292815	1	0.152	0.11
0.47413309	1	0.62438591	0.98633536	1	0	0
0.01348161	1	0.49195373	0.34566323	1	0.238	0.307
1.53E-09	4.22E-05	0.48557016	0.01128857	1	0.248	0.197
0.00243607	1	-0.5015822	0.71727106	1	0.076	0.039
0.01713313	1	0.05239416	0.55939826	1	0.2	0.268
0.05157078	1	-0.9361107	0.05201579	1	0.076	0.094
0.33504501	1	-0.17131	0.7166118	1	0.19	0.142
0.85325873	1	-1.0234641	0.23744852	1	0.086	0.079
0.1534814	1	0.72638801	0.1280819	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.23990378	1	0.51333508	0.29918262	1	0.029	0.079
1	1	-0.0465426	1	1	0	0
0.05082205	1	-0.4038722	0.18472239	1	0.057	0.063
2.63E-05	0.72622056	-0.3074382	0.13818921	1	0.657	0.606
0.469828	1	-0.02157	0.78681764	1	0.124	0.236
0.02713825	1	0.006113	0.94550705	1	0.181	0.165
0.28222903	1	-0.4307777	0.7366168	1	0.038	0.047
0.06641476	1	-0.2081737	0.41844087	1	0.171	0.165
0.73308219	1	-0.0382935	0.60476689	1	0.114	0.087
0.10536053	1	-1.2384993	0.44663102	1	0.019	0
0.75162714	1	-0.0218242	0.74978418	1	0.105	0.102
0.47413309	1	2.52943502	0.11067966	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1.90E-08	0.00052501	-0.086076	0.91517364	1	0.19	0.181
0.7983938	1	0.27737277	0.51075885	1	0.038	0.016
0.96303786	1	0.22188669	0.46916021	1	0.019	0.039
0.46537118	1	-0.1775373	0.40466901	1	0.114	0.087

0.21570308	1	0.17281582	0.67489219	1	0.352	0.339
0.21141637	1	-9.0728544	0.07816392	1	0	0
0.61496799	1	-0.850561	0.12202648	1	0.124	0.118
0.75916953	1	0.02957098	0.66109243	1	0.333	0.346
0.47413309	1	-8.5758163	0.31142884	1	0	0
0.91519517	1	0.23036311	0.46553583	1	0.038	0.063
0.47413309	1	2.81640103	0.58031208	1	0	0
0.61088705	1	0.35150724	0.54162538	1	0.114	0.134
0.22222814	1	-0.0908734	0.71653581	1	0.171	0.213
0.88040066	1	0.39607352	0.31969613	1	0.229	0.189
0.08569832	1	0.32465545	0.76514652	1	0.086	0.11
1.23E-29	3.40E-25	-0.4776825	0.00010155	1	0.362	0.291
0.02700877	1	0.42802333	0.02418891	1	0.267	0.283
0.03567368	1	-0.9981647	0.04816187	1	0.057	0.055
0.4659621	1	-0.0675993	0.61599619	1	0.095	0.047
0.00720518	1	0.09809362	0.36992592	1	0.676	0.709
0.82929664	1	-0.4784431	0.7492993	1	0.01	0.063
0.4628231	1	-0.2749393	0.87142345	1	0.152	0.173
0.0858185	1	0.0034745	0.25302774	1	0.257	0.323
0.96488335	1	-0.1350814	0.50090176	1	0.019	0.024
0.01175345	1	0.1147174	0.54425642	1	0.343	0.354
0.40632406	1	-0.1177239	0.28945194	1	0.2	0.213
0.72587276	1	-0.4433462	0.59161893	1	0.181	0.276
0.05462826	1	-0.0318218	0.6471734	1	0.638	0.654
2.91E-10	8.04E-06	0.589388	0.00014281	1	0.314	0.346
2.11E-09	5.82E-05	0.03141634	0.92113317	1	0.39	0.449
1	1	-0.0465426	1	1	0	0
0.37593768	1	-0.255222	0.74334558	1	0.095	0.071
0.06905019	1	-0.2772929	0.35210227	1	0.324	0.37
0.47413309	1	-8.2508434	0.31142884	1	0	0
0.78128621	1	0.46229013	0.51925108	1	0.048	0.079
0.71320625	1	-0.2884428	0.10830126	1	0.59	0.575
0.08447265	1	-0.063286	0.93054565	1	0.562	0.528
0.60619021	1	-0.7420081	0.05115273	1	0.095	0.087
0.9288677	1	-0.3286245	0.44149736	1	0.333	0.323
0.74035976	1	0.05767091	0.99407152	1	0.276	0.213
0.91709155	1	-0.0564097	0.95724551	1	0.162	0.126
0.05671927	1	0.16834724	0.89915313	1	0.333	0.205
0.0380594	1	0.04003851	0.70559645	1	0.448	0.488
0.70182194	1	-0.322619	0.4863123	1	0.21	0.236
0.00013301	1	0.37782844	0.07409002	1	0.467	0.614
0.02802918	1	-0.116837	0.80199123	1	0.229	0.244
0.00259256	1	-1.0362078	0.00296654	1	0.238	0.118

0.43146421	1	0.6312314	0.12998239	1	0.124	0.079
0.01072287	1	-0.0264769	0.68250559	1	0.581	0.598
0.95392596	1	0.25186858	0.13475265	1	0.162	0.22
1	1	-0.0465426	1	1	0	0
0.01105426	1	-0.1266128	0.47412634	1	0.057	0.094
0.00785962	1	-0.2189413	0.62930339	1	0.019	0.031
0.08740981	1	0.23265686	0.28659927	1	0.171	0.173
0.4198251	1	-0.0100843	0.80078419	1	0.152	0.134
0.71462554	1	0.79479309	0.02372323	1	0.076	0.079
0.55349972	1	0.02983569	0.45046042	1	0.124	0.165
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.64222362	1	-0.4070888	0.0240481	1	0.438	0.409
0.19972278	1	0.49347016	0.26019178	1	0.057	0.071
0.14820265	1	-0.3230063	0.39779847	1	0	0
1	1	-0.0465426	1	1	0	0
0.00264309	1	-0.361144	0.30960635	1	0.238	0.173
0.44306554	1	0.48599412	0.07897762	1	0.181	0.189
0.03559672	1	0.24111635	0.12331395	1	0.219	0.37
0.42208167	1	0.3820105	0.43808529	1	0.21	0.157
0.00134278	1	0.45152845	0.01617434	1	0.486	0.465
0.63841872	1	-0.2938302	0.76344749	1	0.133	0.055
0.0550119	1	-0.1053391	0.53440492	1	0.552	0.528
0.76707071	1	0.04135798	0.57129674	1	0.305	0.165
0.2020444	1	0.0122077	0.6769657	1	0.21	0.189
0.50545738	1	0.07822036	0.54856156	1	0.295	0.268
0.0593386	1	-2.7889329	0.02597991	1	0.029	0.016
0.25473424	1	-0.3392865	0.58042214	1	0.019	0.016
0.20793553	1	-0.3243366	0.07845497	1	0.333	0.228
0.00093427	1	-0.1007085	0.8718993	1	0.019	0
9.66E-06	0.26663878	0.05554176	0.54337451	1	0.143	0.134
0.12821106	1	0.23396446	0.76805425	1	0	0.079
0.67607879	1	0.28461753	0.51428171	1	0.038	0.063
0.0471879	1	-0.249964	0.64594008	1	0.19	0.102
0.01017314	1	0.28010125	0.45015537	1	0.257	0.291
0.95324823	1	0.3963087	0.95481956	1	0.067	0.063
0.2585783	1	-0.1791975	0.59607145	1	0.286	0.299
0.85188945	1	0.15564119	0.56226924	1	0.276	0.228
0.70832476	1	-0.5354624	0.47364539	1	0.019	0.047
1	1	-0.0465426	1	1	0	0
0.15254445	1	-0.2005096	0.81260892	1	0.029	0.047
0.08892124	1	1.82109576	0.21857797	1	0.01	0.039
7.42E-05	1	-0.1225203	0.62901257	1	0.476	0.606

0.00102843	1	0.4437095	0.02693096	1	0.448	0.591
0.00025835	1	0.11291842	0.48902311	1	0.733	0.654
0.0025531	1	-0.3343485	0.61341407	1	0.41	0.378
0.01015984	1	0.42861015	0.01822731	1	0.562	0.543
0.29753186	1	-0.0400223	0.78165311	1	0.038	0.063
0.62316808	1	-0.2277198	0.40843817	1	0.01	0.024
0.14436842	1	0.01464907	0.56078284	1	0.133	0.181
0.01237305	1	-0.0376832	0.95581916	1	0.229	0.142
0.0004186	1	0.30066275	0.07311495	1	0.19	0.189
0.64367666	1	0.23637955	0.98633536	1	0	0.008
0.47413309	1	-7.5866057	0.31142884	1	0	0
0.24517379	1	0.16934157	0.32246767	1	0.21	0.11
0.1144471	1	0.21293253	0.61864226	1	0.133	0.213
2.35E-05	0.64989969	-0.1090469	0.27983989	1	0.333	0.268
0.63416482	1	-0.1826354	0.81161687	1	0.029	0.071
0.92047196	1	-0.3272522	0.08189385	1	0.39	0.283
0.41782464	1	1.01038469	0.33937369	1	0.01	0.024
1	1	7.44340939	0.32710281	1	0	0
0.59626195	1	-0.3126226	0.74060892	1	0.257	0.157
0.28112331	1	-0.2184848	0.97826047	1	0.181	0.094
0.42051315	1	-4.4603796	0.29853994	1	0.029	0.024
0.96365589	1	-0.8772424	0.21131478	1	0.095	0.102
0.02574918	1	-0.3436684	0.52484478	1	0.143	0.079
1	1	-0.0465426	1	1	0	0
1	1	7.32470495	0.16448785	1	0	0
1	1	-0.0465426	1	1	0	0
0.07911091	1	0.00523382	0.605872	1	0.114	0.087
1	1	8.28588233	0.32710281	1	0.01	0
0.73728707	1	-0.3757459	0.37743871	1	0.152	0.197
6.72E-05	1	0.20330912	0.61260397	1	0.114	0.11
0.44792527	1	0.07806375	0.58684916	1	0.181	0.15
0.08764818	1	-0.7893168	0.11714906	1	0.152	0.126
0.0419371	1	0.14697849	0.82847585	1	0.095	0.071
0.01232951	1	-0.5211597	0.2643719	1	0.067	0.024
0.93579875	1	0.05444523	0.8908252	1	0.21	0.189
0.07840277	1	-0.7559873	0.23097123	1	0.057	0.031
0.87103934	1	-0.3751145	0.94540682	1	0.248	0.213
0.49848215	1	-1.4345728	0.66207262	1	0	0.008
0.34490901	1	-0.3030439	0.5808987	1	0.095	0.165
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.1081997	1	0.07687662	0.78450856	1	0.248	0.22
0.23385587	1	0.15800454	0.98633536	1	0	0.016
0.0479552	1	0.88457557	0.10548249	1	0.057	0.11
0.08413348	1	-0.0262511	0.98174079	1	0.295	0.409
0.79205319	1	-0.1660089	0.88571574	1	0.362	0.323
0.73622375	1	-0.3576438	0.82378115	1	0.333	0.252
0.33117548	1	0.84514632	0.15840634	1	0.152	0.087
0.66632436	1	-0.5086055	0.37283588	1	0.219	0.228
0.41118347	1	-0.4212887	0.58424115	1	0.019	0.031
0.22165136	1	0.0560745	0.74491663	1	0.162	0.236
0.24476588	1	0.37488888	0.06068751	1	0.4	0.378
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.39685335	1	-0.3985333	0.76530128	1	0.114	0.055
0.01824275	1	-0.1337418	0.77934476	1	0.019	0.016
0.5300983	1	-1.0149069	0.1144599	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.30422561	1	-0.5759964	0.22736765	1	0.01	0.039
1	1	-0.0465426	1	1	0	0
0.31147306	1	0.09212252	0.31203364	1	0.171	0.134
0.94824072	1	-0.4302023	0.89009889	1	0.038	0.031
1	1	-0.0465426	1	1	0	0
0.00677751	1	0.00119685	0.80771993	1	0.076	0.071
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.0514767	0.54567368	1	0.019	0
0.30884832	1	1.45859978	0.54877979	1	0	0
1	1	-0.0465426	1	1	0	0
0.26309715	1	-3.4632414	0.13952201	1	0.038	0.008
0.64367666	1	-2.0178934	0.98178118	1	0.01	0.008
1	1	6.67013997	0.32710281	1	0	0
1	1	8.31247003	0.32710281	1	0	0
0.777114	1	0.16242876	0.55346659	1	0.114	0.094
0.97114286	1	0.97107993	0.67837832	1	0	0.008
0.06355184	1	-0.0775398	0.67174365	1	0.2	0.063
0.61089915	1	-0.3574674	0.29141079	1	0.2	0.15
1	1	-0.0465426	1	1	0.01	0
0.89172481	1	0.22039464	0.28475002	1	0.229	0.134
0.62633985	1	-0.1867852	0.81068123	1	0.448	0.37
0.02158079	1	0.0963915	0.97510344	1	0.086	0.047
0.18298592	1	0.77793873	0.35108167	1	0.105	0.039

0.47413309	1	-7.1671404	0.31142884	1	0	0
0.63792001	1	-7.2885347	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.05012925	1	7.9656464	0.16448785	1	0	0.016
0.64367666	1	-8.7678217	0.31142884	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.55427145	1	0.12548319	0.43284357	1	0.143	0.157
1	1	-0.0465426	1	1	0	0
0.30630656	1	-0.2649793	0.73661952	1	0.019	0.047
0.01963699	1	0.1909896	0.58650681	1	0.057	0.071
4.10E-05	1	0.17324096	0.23805402	1	0.143	0.15
0.58993433	1	0.26471189	0.21436107	1	0.133	0.134
0.83455505	1	0.06703719	0.33726617	1	0.143	0.157
9.80E-15	2.70E-10	-0.4357415	0.01512164	1	0.162	0.189
2.84E-08	0.00078276	-0.2420705	0.63091874	1	0.095	0.071
1	1	-0.0465426	1	1	0	0
0.42706217	1	-0.2649892	0.75730309	1	0.086	0.055
0.16808465	1	-0.4769812	0.46745934	1	0.048	0.024
0.92350225	1	0.09261667	0.54448877	1	0.143	0.181
0.8469155	1	-0.1154469	0.51934503	1	0.467	0.472
0.74816134	1	-0.3193414	0.84550019	1	0.048	0.087
1	1	-0.0465426	1	1	0	0
0.02141178	1	-0.5005659	0.58864322	1	0.01	0.008
0.59884751	1	-0.1534088	0.55340292	1	0.048	0.024
0.10708824	1	-0.214599	0.73864517	1	0.057	0.031
0.12225607	1	-0.207798	0.81928409	1	0.038	0.055
0.57340914	1	-0.1247797	0.39251101	1	0.029	0.047
0.17068755	1	-0.5444032	0.41786917	1	0.076	0.157
0.5774661	1	-0.5089377	0.36076179	1	0.076	0.102
0.70023339	1	-1.7606338	0.62361645	1	0.019	0.008
0.23906368	1	-7.7861254	0.31142884	1	0	0.016
0.21141637	1	0.28901578	0.97359938	1	0.01	0
0.39508854	1	-0.2162808	0.40614027	1	0.248	0.268
0.16445656	1	-0.1453723	0.64230777	1	0.133	0.118
0.02659281	1	0.5418826	0.02878116	1	0.362	0.378
0.81764861	1	0.99824373	0.00416207	1	0.143	0.071
0.27212431	1	-0.2289732	0.99017908	1	0.352	0.346
0.43637414	1	0.41359986	0.10551132	1	0.076	0.031
0.73470486	1	0.0881839	0.50825307	1	0.219	0.189
4.70E-09	0.00012969	0.16648766	0.15863324	1	0.829	0.882
0.95363285	1	0.21324361	0.72314841	1	0.21	0.236
0.00051233	1	0.64610924	0.08121379	1	0.029	0.094
0.70447347	1	-1.0657355	0.17866155	1	0.048	0.071

0.16745907	1	8.65896562	0.16448785	1	0.01	0.008
0.46162702	1	0.3113174	0.45661149	1	0.171	0.157
0.50825689	1	-0.6144613	0.66875868	1	0	0.008
0.59586444	1	-0.496278	0.35526561	1	0.162	0.157
0.00037965	1	0.0578493	0.71244745	1	0.438	0.543
3.73E-06	0.10303076	0.31108558	0.03513572	1	0.543	0.622
1	1	-0.0465426	1	1	0	0
0.44301605	1	-0.4408816	0.66364511	1	0.143	0.165
0.16822672	1	0.47620966	0.01268744	1	0.505	0.441
0.91254561	1	0.63168964	0.15838027	1	0.105	0.047
0.01345154	1	3.28025438	0.03667743	1	0.086	0.047
0.00130269	1	-0.1213698	0.74274937	1	0.343	0.449
0.61321332	1	0.20389811	0.49988963	1	0.343	0.268
5.71E-08	0.00157577	0.2066996	0.04633739	1	0.867	0.882
0.64367666	1	0.19533265	0.19292413	1	0.01	0.008
0.03895304	1	0.14162623	0.30352967	1	0.41	0.354
0.01513961	1	0.27721159	0.48143024	1	0.381	0.331
0.98901616	1	-0.7957584	0.5486644	1	0.133	0.118
0.62554423	1	-1.2959564	0.00946226	1	0.105	0.094
0.08915827	1	0.31264768	0.12510906	1	0.343	0.323
0.95775791	1	0.1188551	0.42540383	1	0.162	0.126
0.09306955	1	-0.1793941	0.86697081	1	0.248	0.244
0.69180038	1	-10.440087	0.07816392	1	0.029	0.008
0.64668016	1	-0.2661291	0.6135529	1	0.448	0.417
0.26514608	1	-0.2253839	0.2597802	1	0.171	0.15
0.46748809	1	0.68096262	0.71976047	1	0.067	0.071
0.00014773	1	0.28041103	0.05532058	1	0.648	0.598
0.48062114	1	-0.0324131	0.36690426	1	0.314	0.323
0.33347299	1	1.35674795	0.26594218	1	0.038	0.031
0.80412929	1	0.73506006	0.24740145	1	0.067	0.063
0.82193397	1	0.96506081	0.78415327	1	0.038	0.024
0.59386325	1	-0.8288003	0.14578046	1	0.01	0.016
0.1323669	1	0.4459014	0.19567206	1	0.19	0.047
0.02947865	1	0.37728666	0.13404723	1	0.067	0.126
0.55477745	1	0.18600618	0.57552961	1	0.171	0.189
0.20663425	1	-0.3003841	0.30649975	1	0.305	0.213
0.09414661	1	-0.0273564	0.90146786	1	0.381	0.346
0.00021396	1	0.39232319	0.02865532	1	0.581	0.575
0.67176279	1	0.02644	0.36094432	1	0.333	0.346
0.76418454	1	0.43524418	0.07778944	1	0.152	0.142
0.3066338	1	-0.3747258	0.8609898	1	0.124	0.071
0.47413309	1	-8.5987952	0.31142884	1	0	0
0.78859158	1	0.48464887	0.37595495	1	0.029	0.039

0.33127083	1	-0.0129339	0.43956464	1	0.029	0.031
0.91263705	1	-0.1619094	0.44792551	1	0.048	0.039
0.82509	1	-0.7338961	0.69732252	1	0.01	0.024
0.32788765	1	0.28530724	0.25226176	1	0.143	0.11
0.65389368	1	-0.0200786	0.43614392	1	0.152	0.165
0.08296254	1	-0.1640525	0.9821155	1	0.029	0.055
0.74859999	1	-0.6283822	0.92914724	1	0.057	0.087
0.00042286	1	-0.5514545	0.39979462	1	0.048	0.008
0.91789995	1	-0.410481	0.30590597	1	0.076	0.071
0.49012835	1	0.14211638	0.79665276	1	0.095	0.079
6.49E-08	0.00179053	0.22372921	0.08183906	1	0.914	0.882
0.14820265	1	-0.4628089	0.39411505	1	0	0
0.47413309	1	-8.0689118	0.31142884	1	0	0
0.12411343	1	0.08011555	0.71365062	1	0.514	0.402
0.00033856	1	0.16778473	0.22810753	1	0.59	0.606
0.52260175	1	0.28534529	0.80689665	1	0.019	0.031
0.04021771	1	0.12666259	0.24011424	1	0.486	0.417
0.38176209	1	0.14306956	0.36739385	1	0.038	0.039
0.0287438	1	-0.4177647	0.83412362	1	0.152	0.205
0.30884832	1	0.43358788	0.27691919	1	0.019	0
0.0557723	1	-0.3277303	0.83525592	1	0.162	0.063
0.24120878	1	0.25814286	0.70228733	1	0.048	0.071
0.81212081	1	-0.2843826	0.79264493	1	0.057	0.142
0.18079579	1	0.27953503	0.15857541	1	0.029	0.094
0.30754408	1	-0.782905	0.08863547	1	0.162	0.079
8.21E-09	0.00022657	-0.2596787	0.19195454	1	0.086	0.134
0.95225875	1	-0.9854867	0.02944212	1	0.029	0.055
1	1	-0.0465426	1	1	0	0
0.36565407	1	0.0503762	0.40005294	1	0.362	0.378
0.49410234	1	-0.2915031	0.61412799	1	0.286	0.197
0.34692008	1	0.28546422	0.44133464	1	0.038	0.031
0.26867755	1	-1.2359738	0.28987433	1	0	0.008
0.50287876	1	-3.1344208	0.09208501	1	0.01	0.031
0.26494833	1	-1.2518262	0.4862807	1	0	0.008
0.23385587	1	-7.7861254	0.31142884	1	0	0.016
0.35337223	1	-0.0156977	0.80372305	1	0.143	0.22
0.57365794	1	0.09551923	0.68840045	1	0.029	0.071
1	1	8.00439869	0.32710281	1	0.01	0
0.08187704	1	0.38672966	0.03379523	1	0.381	0.386
0.35101797	1	0.63359215	0.47281193	1	0.171	0.071
0.3012464	1	-0.2227748	0.0493175	1	0.686	0.614
0.16745907	1	-0.0465426	1	1	0	0.008
0.00531493	1	-0.379138	0.03779575	1	0.114	0.079

1	1	-0.0465426	1	1	0	0
0.97638791	1	0.54211142	0.43771264	1	0	0.008
0.56810423	1	-0.3791092	0.87834695	1	0.171	0.165
0.18652963	1	0.19328184	0.41293035	1	0.248	0.331
0.73546583	1	-0.0907853	0.94685325	1	0.171	0.15
0.45461528	1	-1.1367959	0.07350568	1	0.076	0.134
0.03813556	1	0.06146536	0.99807637	1	0.21	0.181
0.0024842	1	-0.0755472	0.60283917	1	0.171	0.173
0.04443415	1	0.34075827	0.20471938	1	0.143	0.142
0.78658181	1	0.53933523	0.73467898	1	0	0.016
0.00113637	1	0.16437232	0.96678408	1	0.019	0.087
0.23248904	1	1.10235832	0.02131922	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.06457502	1	-0.179077	0.92048634	1	0.143	0.118
0.51942776	1	-0.1045057	0.73268803	1	0.21	0.189
0.51003251	1	-1.3937325	0.54567368	1	0.029	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.31715839	1	-0.1219813	0.66841186	1	0.229	0.26
0.24700581	1	-0.0094952	0.80515004	1	0.076	0.079
0.91814609	1	0.00417609	0.62219367	1	0.019	0.047
0.30884832	1	-9.5427017	0.15105729	1	0	0
5.28E-13	1.46E-08	-0.0162194	0.7466488	1	0.705	0.701
0.7852761	1	-0.4436675	0.77427354	1	0.076	0.047
0.05458447	1	-1.4537708	0.32639015	1	0.029	0
0.36620968	1	0.15082733	0.70334705	1	0.029	0.008
0.74673798	1	0.09280623	0.68559515	1	0.181	0.165
0.23644964	1	-7.6722679	0.31142884	1	0	0.016
0.02782234	1	-1.3804372	0.00727145	1	0.019	0.031
0.71277619	1	0.20906733	0.44744846	1	0.219	0.157
1	1	-0.0465426	1	1	0	0
0.21088341	1	0.22880232	0.31205227	1	0.029	0.063
0.64367666	1	-1.6369828	0.98178118	1	0	0.008
0.64705241	1	0.87619376	3.64E-05	1	0.019	0.142
0.02735022	1	0.24740974	0.17815147	1	0.324	0.48
0.2663619	1	0.45882802	0.06450576	1	0.181	0.181
1	1	8.66748274	0.32710281	1	0	0
0.62072997	1	-0.5350438	0.32110019	1	0.086	0.11
0.54187143	1	-0.1619847	0.57392835	1	0.343	0.299
2.82E-07	0.00779531	0.03968407	0.09499825	1	0.838	0.906

0.05044691	1	0.00199104	0.69086857	1	0.61	0.638
0.00276717	1	0.11977476	0.19759338	1	0.371	0.496
0.37598427	1	0.31569554	0.18414673	1	0.067	0.071
0.50022876	1	0.08277537	0.94448883	1	0.029	0.024
0.01455656	1	-0.7051653	0.31372299	1	0.038	0.016
0.52178454	1	-0.1082168	0.35774265	1	0.333	0.315
0.01824129	1	0.10028487	0.6768838	1	0.038	0.024
0.42247439	1	0.01998703	0.892416	1	0.114	0.094
0.00365864	1	-0.1160037	0.52254617	1	0.076	0.087
0.03076443	1	0.24674383	0.44557419	1	0.114	0.134
0.11789206	1	0.69751187	0.32127535	1	0.105	0.094
0.78363649	1	0.84410915	0.27068867	1	0.048	0.024
0.02080016	1	-0.2801171	0.38725472	1	0.133	0.11
0.05530716	1	-0.0040105	0.5998603	1	0.324	0.323
0.02667678	1	-0.0906641	0.86636551	1	0.162	0.173
0.98559913	1	0.00142221	0.58563065	1	0.143	0.134
0.50245932	1	-0.1658232	0.32096004	1	0.21	0.22
0.74541514	1	-10.612417	0.02261846	1	0	0.016
0.47413309	1	-7.795626	0.31142884	1	0	0
0.04903703	1	-0.0061772	0.87185436	1	0.229	0.252
0.51354019	1	-0.6568638	0.0456327	1	0.257	0.252
0.63139756	1	-0.331419	0.39659777	1	0.067	0.087
0.10238191	1	-0.1475602	0.54348715	1	0.067	0.039
0.02539572	1	-0.1378518	0.50378941	1	0.257	0.15
0.50698602	1	-0.2777107	0.35310137	1	0.171	0.173
0.3569917	1	-0.2609291	0.2796927	1	0.152	0.15
0.01340758	1	0.28997157	0.4254218	1	0.086	0.094
0.01416563	1	0.42673175	0.11583951	1	0.276	0.339
0.01189326	1	0.45495973	0.17279565	1	0.257	0.331
0.13412358	1	0.19541876	0.94767044	1	0	0.031
0.45465037	1	-0.1054902	0.99941836	1	0.505	0.378
0.81548634	1	0.723932	0.12016727	1	0.048	0.039
0.13255154	1	0.41564553	0.01926171	1	0.267	0.346
0.15422802	1	-0.0677042	0.31314166	1	0.41	0.417
0.08013884	1	-0.7408046	0.10833072	1	0.114	0.071
1	1	-0.0465426	1	1	0	0
1	1	10.4516984	0.00885195	1	0.01	0
0.47413309	1	1.61069635	0.98633536	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.14820265	1	-0.3021086	0.56685464	1	0	0
0.20357467	1	-0.6030414	0.12821703	1	0.038	0.031

0.53463131	1	-0.6409451	0.57420555	1	0.076	0.055
1	1	-0.0465426	1	1	0	0
0.22114379	1	-1.4764316	0.9693467	1	0.01	0.024
1	1	-0.0465426	1	1	0	0
0.63792001	1	-0.4247651	0.98178118	1	0.01	0.008
0.97114286	1	-2.283502	0.54257632	1	0.01	0.008
0.54191664	1	-2.980251	0.00949216	1	0.019	0.031
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.2855256	1	0.00677992	0.87644121	1	0.248	0.315
0.16745907	1	7.73362563	0.32710281	1	0	0.008
0.00304082	1	0.2212067	0.0759387	1	0.667	0.685
0.10333332	1	-0.489354	0.68321703	1	0.038	0.071
1	1	-0.0465426	1	1	0	0
0.47413309	1	-9.2223845	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.50825689	1	1.3526325	0.2639239	1	0	0.008
0.02991459	1	0.18094796	0.96689757	1	0.038	0.079
0.47233335	1	-0.2360708	0.50794777	1	0.086	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.5521839	0.58031208	1	0.01	0
0.03809334	1	0.47087907	0.06726405	1	0.4	0.323
0.16745907	1	8.05506283	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.37611226	1	-0.7003288	0.18194979	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
0.04073079	1	0.07428685	0.72535662	1	0.657	0.654
0.83555894	1	0.13754848	0.3986258	1	0.495	0.409
0.01590429	1	0.08596379	0.97830165	1	0.238	0.315
0.13195343	1	0.47918748	0.18067024	1	0.229	0.197
0.18865545	1	0.42473339	0.17103139	1	0.124	0.11
0.23385587	1	2.346068	0.58351143	1	0	0.016
0.04380798	1	0.05815653	0.77200879	1	0.6	0.535
1	1	8.12351469	0.32710281	1	0	0
0.43970649	1	0.31845373	0.81930487	1	0.105	0.118
0.01708421	1	0.42784765	0.07966312	1	0.2	0.094
0.51857543	1	-0.4106554	0.21391481	1	0.343	0.354
0.94723925	1	-0.3383121	0.53163498	1	0.21	0.181
0.73804879	1	0.13110089	0.3596859	1	0.362	0.291
0.02247383	1	-1.2308613	0.00417919	1	0.038	0.039
0.67893279	1	0.01802076	0.96312395	1	0.171	0.181

0.5070127	1	-0.2312557	0.38589804	1	0.419	0.37
0.13060675	1	-0.3898848	0.49043038	1	0.048	0.118
0.64367666	1	-7.5563804	0.31142884	1	0	0.008
0.85154858	1	-0.2991616	0.6873044	1	0.124	0.142
0.10536053	1	-0.1646615	0.96304725	1	0.01	0
0.25938886	1	-0.077588	0.76819318	1	0.248	0.236
0.56145078	1	-0.370655	0.26596644	1	0.524	0.417
0.00278104	1	0.23387901	0.538963	1	0.067	0.15
0.08986045	1	1.05829663	0.12480546	1	0.029	0.079
0.08712068	1	1.17174271	0.10843441	1	0.038	0.071
0.03048199	1	-0.0351071	0.8776731	1	0.343	0.378
0.80246694	1	-0.1605409	0.76798807	1	0.257	0.205
0.43630442	1	0.01191468	0.52046166	1	0.124	0.102
0.10108783	1	-0.701878	0.77593058	1	0.048	0.055
0.37470791	1	-1.128774	0.16958514	1	0.048	0.039
1	1	-0.0465426	1	1	0	0
0.48761694	1	0.14177326	0.95835191	1	0	0.024
0.20243093	1	0.38219603	0.64592735	1	0.143	0.102
0.24133676	1	-0.4125288	0.18687673	1	0.324	0.315
0.01056745	1	2.70350366	0.02161683	1	0.01	0.039
0.04236963	1	-0.3415521	0.76290658	1	0.095	0.11
0.46358444	1	-0.0710782	0.90599875	1	0.438	0.331
0.31104115	1	0.24521408	0.80982454	1	0.095	0.102
0.03398164	1	-1.1718637	0.00289806	1	0.095	0.055
0.64367666	1	-8.1239275	0.31142884	1	0	0.008
0.12742945	1	0.25530281	0.07458688	1	0.562	0.496
0.87856965	1	0.49741952	0.48838263	1	0.057	0.031
0.63015267	1	-0.4713987	0.07719438	1	0.067	0.047
0.91197589	1	0.55846857	0.17602757	1	0.114	0.087
0.60361035	1	-0.2728172	0.46014744	1	0.248	0.228
1	1	9.15034542	0.16448785	1	0	0
0.72515195	1	-0.8901359	0.21166124	1	0.095	0.063
0.64499712	1	-0.8557585	0.32244592	1	0.105	0.126
0.02003168	1	0.04397228	0.302593	1	0.314	0.378
0.02340513	1	0.10417703	0.45268196	1	0.267	0.323
0.00043366	1	-0.3683902	0.7175845	1	0.038	0.008
0.31409733	1	-0.7676519	0.09819393	1	0.076	0.102
0.22188799	1	0.1858495	0.66811607	1	0.086	0.071
0.46130884	1	0.9407618	0.02238649	1	0.19	0.126
0.62170589	1	-0.0714632	0.41124161	1	0.248	0.173
0.16745907	1	8.44764452	0.32710281	1	0	0.008
0.7224211	1	-0.1711719	0.93421858	1	0.086	0.102
0.14820265	1	0.38770579	0.97365352	1	0.019	0

0.16630274	1	-0.0816004	0.91053385	1	0.019	0.024
0.76515714	1	0.99638891	0.14834936	1	0.01	0.016
0.18481363	1	-0.4050967	0.4255186	1	0.267	0.118
0.98163398	1	-1.297338	0.54567368	1	0.019	0.008
0.39872988	1	-0.3069316	0.43488564	1	0.095	0.055
0.50033521	1	-0.4824247	0.07744095	1	0.4	0.346
0.54569095	1	0.25529173	0.25884937	1	0.067	0.055
0.88404926	1	-1.0425204	0.50974607	1	0.048	0.031
2.45E-05	0.67590335	-0.27796	0.60419322	1	0.019	0.22
0.0755948	1	-0.1354477	0.30240311	1	0	0
0.97114286	1	0.14117326	0.97902395	1	0.038	0.008
0.0303251	1	0.09181956	0.52349746	1	0.543	0.496
0.00086966	1	-0.0195072	0.68329436	1	0.495	0.598
1	1	-0.0465426	1	1	0	0
0.66992767	1	-1.1130741	0.15655661	1	0.029	0.047
0.05773893	1	-0.2417167	0.55477434	1	0.105	0.118
0.72837685	1	-0.2615129	0.14396973	1	0.171	0.165
0.02073233	1	-1.1622243	0.05726629	1	0.048	0.024
0.89227901	1	-1.6251863	0.0840138	1	0.057	0.031
0.61500867	1	-0.5211149	0.07855844	1	0.057	0.063
0.37584753	1	0.3514365	0.35505226	1	0.029	0.024
0.11150147	1	-0.5247524	0.0629894	1	0.162	0.15
0.47979525	1	0.64490986	0.34602702	1	0.048	0.047
3.44E-11	9.50E-07	-0.3851311	0.02373	1	0.095	0.157
0.37931037	1	0.52924042	0.86380422	1	0.057	0.024
1	1	-0.0465426	1	1	0	0
1	1	7.75388057	0.32710281	1	0	0
0.11010764	1	-0.0316604	0.9036	1	0.143	0.087
0.23644964	1	2.04242458	0.32963505	1	0.019	0.016
0.35929885	1	-0.0069364	0.76949426	1	0.048	0.063
0.79976912	1	-0.1620678	0.9034958	1	0.019	0.039
0.44159353	1	-0.3885715	0.52651511	1	0.01	0.016
0.27871276	1	0.35209745	0.86818723	1	0.048	0.071
0.65719875	1	0.14067766	0.71113667	1	0.19	0.181
0.50825689	1	0.92757125	0.27619275	1	0.048	0.008
0.66349804	1	-0.2028594	0.79974916	1	0.019	0.039
0.16745907	1	-0.0465426	1	1	0.01	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.23385587	1	3.25434582	0.03629671	1	0	0.016
1	1	7.19329602	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0

0.97206132	1	-2.0229191	0.16819352	1	0.029	0.016
0.28085873	1	-0.5701361	0.90335773	1	0.086	0.031
0.10316942	1	0.29549115	0.08851782	1	0.143	0.134
0.16754593	1	0.70234322	0.12017184	1	0.038	0.039
0.16745907	1	-0.0465426	1	1	0	0.008
0.38993399	1	0.04197371	0.94529739	1	0.667	0.638
0.06689286	1	0.25129845	0.89977045	1	0.352	0.362
0.30884832	1	1.42698677	0.27153506	1	0.019	0
0.15555397	1	-0.2394738	0.32351772	1	0.057	0.047
0.17925671	1	0.29169973	0.18016476	1	0.21	0.213
0.25759727	1	-0.9799233	0.85358701	1	0.029	0.008
0.39269098	1	-0.1902759	0.76672078	1	0.019	0.071
0.86640044	1	-0.1314646	0.78437533	1	0.619	0.567
1	1	-0.0465426	1	1	0	0
0.30884832	1	-4.164267	0.54257632	1	0	0
1	1	8.09613027	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.64367666	1	-7.5866057	0.31142884	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0.01	0
0.47413309	1	0.26000718	0.58351143	1	0.01	0
1	1	-0.0465426	1	1	0	0
1	1	9.02190148	0.16448785	1	0.01	0
1	1	5.61907498	0.32710281	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.05012925	1	5.45342005	0.32710281	1	0	0.016
0.73887073	1	-0.0295631	0.81451524	1	0.019	0.016
0.42038343	1	-1.241917	0.04066591	1	0.01	0.055
0.70446388	1	1.32139349	0.21954297	1	0.019	0.008
0.26374335	1	-0.4568965	0.98660965	1	0.029	0.047
0.00908543	1	0.15702914	0.26678257	1	0.333	0.433
0.06132564	1	0.20682069	0.44417632	1	0.162	0.173
0.90749355	1	-0.0178602	0.684915	1	0.276	0.276
0.12047281	1	0.05127398	0.39310391	1	0.057	0.11
0.94210563	1	-0.8600631	0.44792494	1	0.086	0.047
1	1	-0.0465426	1	1	0	0

1	1	-0.0465426	1	1	0	0
0.78308354	1	0.17559507	0.09318815	1	0.438	0.37
0.47413309	1	-8.5407297	0.31142884	1	0	0
0.49910514	1	3.67823454	0.06042894	1	0	0.016
0.55870823	1	-0.3410382	0.64645228	1	0.086	0.11
0.84724183	1	0.16591157	0.53985537	1	0.181	0.094
0.01644861	1	0.38495832	0.60135085	1	0.286	0.331
0.45916055	1	-0.0290531	0.97369054	1	0.562	0.488
0.00906777	1	0.36997707	0.06153803	1	0.343	0.394
1	1	8.10460717	0.16448785	1	0.01	0
0.16719191	1	0.21935117	0.77553453	1	0.057	0.024
0.03705692	1	0.49967008	0.96907365	1	0.01	0.055
0.47413309	1	-8.2712749	0.31142884	1	0	0
0.00010559	1	-0.1205633	0.51291197	1	0.152	0.142
0.03591757	1	0.25184982	0.80260984	1	0.038	0.071
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.23385587	1	1.57373202	0.98633536	1	0	0.016
0.93701998	1	-0.0778783	0.95773955	1	0.19	0.15
0.49848215	1	-2.7072574	0.16596842	1	0.038	0.008
0.05012925	1	6.80645557	0.32710281	1	0	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.16745907	1	-0.0465426	1	1	0	0.008
0.38416041	1	-0.0726442	0.45257311	1	0.267	0.205
0.30884832	1	-8.4297125	0.15105729	1	0	0
0.16745907	1	8.27518906	0.16448785	1	0	0.008
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.3584646	1	0.36188401	0.29583945	1	0.067	0.063
0.20587502	1	-0.1638982	0.97887177	1	0.162	0.142
0.9868503	1	-0.4839755	0.28927984	1	0.076	0.102
1	1	7.51466123	0.32710281	1	0	0
0.66434561	1	-0.8264598	0.24608435	1	0.143	0.079
0.65205502	1	-0.307629	0.08331612	1	0.4	0.339
0.00527821	1	0.26908318	0.36006131	1	0.362	0.331
0.70535212	1	0.06744246	0.75389831	1	0.143	0.15
0.97775359	1	0.01865004	0.3986281	1	0.419	0.346
0.00316008	1	0.53054398	0.01312452	1	0.219	0.378
0.88040066	1	-0.50043	0.81665786	1	0.181	0.189
0.00019231	1	0.26519601	0.00854549	1	0.514	0.504
0.12429544	1	0.1686424	0.54653956	1	0.105	0.055
1	1	7.98428864	0.32710281	1	0	0

0.64367666	1	1.33264792	0.98633536	1	0	0.008
0.54466288	1	0.21412157	0.57491109	1	0.286	0.276
0.39456368	1	0.03906587	0.71091374	1	0.457	0.52
0.11202186	1	-0.0965002	0.7564526	1	0.371	0.362
0.00031943	1	-0.0611978	0.12713688	1	0.6	0.669
0.00115611	1	0.32941706	0.04474544	1	0.39	0.52
0.29467477	1	0.8580397	0.51499	1	0.01	0.055
0.26406064	1	-0.926922	0.13890699	1	0.076	0.102
0.61167915	1	0.01155222	0.94949451	1	0.067	0.039
0.48623406	1	-0.239328	0.07863564	1	0.562	0.496
0.90528769	1	-0.7425561	0.39639339	1	0.048	0.039
0.18685635	1	-0.7940476	0.52038484	1	0.01	0.008
0.78218935	1	-0.0882854	0.93519883	1	0.457	0.386
0.30884832	1	-8.4857789	0.15105729	1	0.029	0
0.61235865	1	-0.178573	0.95578748	1	0.219	0.22
0.16479322	1	0.35862375	0.69141026	1	0.038	0.039
0.15132903	1	0.0720617	0.78139065	1	0.019	0.016
1.52E-08	0.00041938	0.11449428	0.443971	1	0.41	0.291
1	1	-0.0465426	1	1	0	0
0.55681765	1	1.71983291	0.00149498	1	0.038	0.039
0.04166286	1	0.45731828	0.3225117	1	0.029	0.024
0.00050057	1	0.47116193	0.02198837	1	0.305	0.307
0.67313166	1	0.04189219	0.73921922	1	0.029	0.031
0.11300866	1	-0.09579	0.61313971	1	0.029	0.094
0.12874592	1	0.49894156	0.29531066	1	0.029	0.047
0.25403433	1	-0.0481482	0.61600025	1	0.01	0.024
0.49075511	1	0.10182436	0.83904835	1	0.086	0.102
0.85193048	1	-0.3406865	0.63985256	1	0.029	0.071
0.04260246	1	0.1868661	0.93415052	1	0.076	0.039
0.16711516	1	-0.6007265	0.28455307	1	0.048	0.071
0.38312705	1	0.60286259	0.10366211	1	0.095	0.15
0.73821382	1	-0.6293238	0.61275085	1	0.048	0.094
0.19651289	1	-10.578374	0.00685934	1	0.029	0.008
1	1	4.64722057	0.32710281	1	0	0
0.94233413	1	-0.326429	0.88976862	1	0.048	0.079
0.05411999	1	-0.2593452	0.45944264	1	0.048	0.039
0.81911337	1	0.19458095	0.75307205	1	0.295	0.205
0.002069	1	0.05813558	0.91465266	1	0.324	0.441
0.0004735	1	1.85555631	0.33164578	1	0.019	0.063
0.72886733	1	-1.2015868	0.08405461	1	0.124	0.142
0.90648344	1	0.31493309	0.96059196	1	0.105	0.11
0.00019227	1	-0.0337142	0.72865448	1	0.181	0.142
0.12955197	1	-0.5335697	0.49913857	1	0.038	0.031

0.2511014	1	0.64166021	0.00623753	1	0.324	0.354
0.40758464	1	0.96351962	0.24118225	1	0.057	0.039
0.46372836	1	-0.1114928	0.68224546	1	0.467	0.346
0.35255327	1	-0.1181004	0.33698641	1	0.238	0.283
0.65089593	1	-0.0450915	0.78397738	1	0.095	0.079
0.78157748	1	-0.5221725	0.18990228	1	0.21	0.181
0.02598412	1	0.01581993	0.89942287	1	0.343	0.37
1.58E-05	0.43555627	-0.1099573	0.61694967	1	0.295	0.354
0.8652712	1	-0.0350547	0.56771169	1	0.438	0.449
4.13E-05	1	-0.4183505	0.03276464	1	0.2	0.142
0.10357507	1	0.16443067	0.27552828	1	0.114	0.236
0.5934168	1	0.1455436	0.12950348	1	0.2	0.213
0.45453327	1	0.01946349	0.97162731	1	0.714	0.606
0.10244782	1	0.05995561	0.93076552	1	0.286	0.276
0.48199977	1	-0.9257342	0.53433472	1	0.038	0.047
1	1	-0.0465426	1	1	0	0
0.00077663	1	-0.4996838	0.36544424	1	0.067	0.024
1	1	-0.0465426	1	1	0	0
0.69851492	1	-0.8485163	0.70428365	1	0.01	0.031
1	1	-0.0465426	1	1	0	0
0.5063762	1	-9.1821667	0.15105729	1	0	0.016
0.02351945	1	1.03567299	0.01499454	1	0.067	0.094
1	1	8.20192028	0.08811101	1	0	0
1	1	7.66443587	0.08811101	1	0	0
0.40325897	1	0.15102585	0.62018281	1	0.086	0.071
0.10052033	1	0.85940605	0.09661802	1	0.114	0.118
0.98163398	1	-0.6124484	0.54877979	1	0	0.008
0.69180038	1	-0.2656505	0.96568352	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.91920652	1	-1.6733018	0.01405581	1	0.029	0.079
0.34370362	1	0.11380244	0.8267337	1	0.362	0.362
0.01496688	1	-0.4565992	0.401048	1	0.105	0.157
0.0508235	1	0.58619628	0.07846623	1	0.276	0.26
1	1	-0.0465426	1	1	0	0
0.10817841	1	-0.3833644	0.61909958	1	0.038	0.031
0.00053267	1	-0.0773406	0.29325528	1	0.314	0.402
0.28278597	1	0.83029449	0.17549398	1	0.057	0.079
0.58644695	1	0.2184862	0.94954465	1	0.038	0.039
0.24743187	1	-0.1754678	0.78472757	1	0.095	0.126
0.23040593	1	-2.1270496	0.017437	1	0.086	0.031
0.30884832	1	-8.6081079	0.15105729	1	0	0
0.01088485	1	-1.5404889	0.02241817	1	0.076	0.024
0.21779155	1	-0.2875276	0.49463385	1	0.029	0.094

0.84408382	1	0.15834051	0.95894483	1	0.029	0.024
0.69180038	1	-0.9841226	0.96304561	1	0.01	0.008
0.16745907	1	6.80645557	0.32710281	1	0	0.008
0.9199939	1	-1.1333897	0.72267082	1	0.029	0.039
0.31295075	1	-0.5510835	0.91048534	1	0.029	0.024
0.41782464	1	0.16400309	0.63389996	1	0.048	0.024
0.28170005	1	0.09819624	0.10883377	1	0.21	0.205
0.64367666	1	3.33435546	0.10775123	1	0	0.008
0.07812531	1	0.70106842	0.03225726	1	0.162	0.165
0.57042646	1	0.4461057	0.19446333	1	0.219	0.189
0.089514	1	-0.2817107	0.4402359	1	0.086	0.039
0.10536053	1	-10.179006	0.02261846	1	0	0
0.62975252	1	-0.0547621	0.70963043	1	0.124	0.11
0.39687432	1	0.18148781	0.50395583	1	0.2	0.228
0.49524626	1	-1.2565527	0.38862877	1	0	0.008
0.68444771	1	-0.2697895	0.58612407	1	0.105	0.031
0.50273372	1	0.81652849	0.97579778	1	0	0.016
0.11992568	1	0.16884371	0.94942165	1	0.048	0.079
0.55961109	1	-0.2958418	0.51293898	1	0.029	0.047
0.63903516	1	-0.5448792	0.34981617	1	0.067	0.079
0.78923091	1	0.2520604	0.95471328	1	0.029	0.024
0.10647411	1	-0.2965982	0.38126593	1	0.152	0.142
0.06616487	1	0.83673752	0.24600494	1	0.038	0.063
0.63792001	1	-7.9634604	0.31142884	1	0	0.008
0.52011482	1	0.72055653	0.79739918	1	0.029	0.031
1	1	-0.0465426	1	1	0	0
0.18473901	1	0.53252266	0.02286898	1	0.181	0.173
0.98163398	1	-0.2144249	0.97579778	1	0	0.008
0.02139962	1	0.57269985	0.41239094	1	0.067	0.024
1	1	9.630298	0.08811101	1	0.01	0
0.47413309	1	1.30116665	0.98633536	1	0.01	0
0.75197797	1	-0.5062518	0.69531856	1	0.019	0.016
0.01373023	1	0.02031002	0.57034622	1	0.314	0.362
0.70223759	1	-0.3037252	0.64052659	1	0.048	0.055
0.09612905	1	0.07440291	0.66564939	1	0.39	0.386
0.30884832	1	-0.668313	0.97257202	1	0	0
0.38318264	1	0.0806475	0.95162331	1	0.038	0.039
0.10476052	1	-0.0072569	0.53758113	1	0.4	0.449
0.4655457	1	-0.006368	0.64297917	1	0.162	0.181
0.00816972	1	0.17153016	0.91378204	1	0.105	0.142
0.1580949	1	0.10825919	0.81063881	1	0.314	0.323
0.61734778	1	-0.2039057	0.9039211	1	0.114	0.071
0.19076058	1	0.49760401	0.05228928	1	0.19	0.165

0.61848906	1	-0.4960719	0.6563078	1	0.086	0.134
0.95259378	1	0.26337565	0.12201099	1	0.295	0.189
0.0843511	1	0.12525181	0.51079755	1	0.181	0.252
0.63714229	1	0.16407973	0.60947476	1	0.067	0.039
0.92695963	1	-0.1183198	0.13811174	1	0.79	0.654
0.47413309	1	-7.6638312	0.31142884	1	0.01	0
0.72161889	1	-0.2787731	0.77997071	1	0.143	0.157
0.52886099	1	-0.7264977	0.11130372	1	0.076	0.079
0.48028587	1	-0.0697474	0.92398511	1	0.162	0.189
1	1	-0.0465426	1	1	0	0
0.35524554	1	0.59859221	0.05073581	1	0.133	0.11
0.20865427	1	0.14251514	0.30983789	1	0.152	0.118
0.63792001	1	1.80101616	0.33164578	1	0.01	0.008
6.31E-05	1	1.05961931	0.00084161	1	0.419	0.339
0.5063762	1	1.42107124	0.67308317	1	0.029	0.016
0.44340704	1	-1.0704275	0.12362446	1	0.01	0.047
0.02262459	1	-1.6512117	0.22897399	1	0.029	0.008
0.12207296	1	0.19271054	0.13386659	1	0.657	0.638
0.19665115	1	-0.112708	0.98224685	1	0.095	0.102
0.02026922	1	-0.803891	0.37646621	1	0.048	0.047
0.18575014	1	-0.0456882	0.6078696	1	0.048	0.094
0.01621721	1	9.11426498	0.04861576	1	0.019	0.024
1	1	-0.0465426	1	1	0	0
0.03470252	1	-0.1365111	0.37681489	1	0.086	0.102
1	1	7.82745686	0.32710281	1	0	0
0.13478672	1	0.43167364	0.47546378	1	0.019	0.031
0.54020376	1	-0.7945665	0.32611258	1	0.038	0.039
0.00133226	1	-0.6461958	0.34417793	1	0.276	0.394
0.38279278	1	-0.9328643	0.40988049	1	0.029	0.024
0.55789773	1	-0.209359	0.96604664	1	0.067	0.047
0.94605849	1	0.2708564	0.30477495	1	0.276	0.205
0.22051809	1	-0.1928943	0.7142493	1	0.152	0.205
0.47413309	1	-0.0423381	0.58671897	1	0	0
0.89772976	1	0.25854505	0.69614313	1	0.067	0.102
0.08099052	1	-0.0157039	0.57850761	1	0.419	0.37
0.50172151	1	-0.4719741	0.20144999	1	0.086	0.118
1	1	7.84026543	0.32710281	1	0	0
1	1	-0.0465426	1	1	0	0
0.05846115	1	0.25381011	0.98354899	1	0.038	0.055
0.21166673	1	0.03478917	0.34214514	1	0.038	0.126
0.42115451	1	-0.6427882	0.73761777	1	0.029	0.055
0.74330876	1	-0.3016211	0.63189754	1	0.076	0.126
0.10782119	1	-0.0911027	0.68477076	1	0.076	0.142

0.96749816	1	0.12882687	0.11455213	1	0.067	0.11
0.08028614	1	-1.2940485	0.15153251	1	0.019	0.016
0.14820265	1	-0.9407795	0.95534075	1	0.019	0
0.0131533	1	0.01376619	0.67621939	1	0.733	0.63
0.00082331	1	0.24885526	0.01051079	1	0.248	0.409
0.80700354	1	-0.8085111	0.17622499	1	0.133	0.142
0.06335554	1	0.1767798	0.93818391	1	0.076	0.016
0.31296104	1	0.44047015	0.17580744	1	0.105	0.102
0.29457031	1	-0.5848745	0.19531806	1	0.019	0.055
7.20E-08	0.00198685	0.35997843	0.03689398	1	0.79	0.803
0.85492659	1	-0.1302755	0.96159718	1	0.076	0.079
0.76270831	1	0.24107575	0.44514741	1	0.2	0.197
0.00562359	1	0.08556127	0.1776518	1	0.571	0.614
0.98578957	1	-0.0353813	0.84983936	1	0.114	0.087
0.87296109	1	-0.3548614	0.20358731	1	0.533	0.37
0.22895378	1	-2.9523072	0.54257632	1	0	0.024
0.28018261	1	-0.4218605	0.11652562	1	0.19	0.157
1	1	-0.0465426	1	1	0	0
0.99070356	1	-1.2174401	0.05151725	1	0.038	0.031
0.16711471	1	-1.1581799	0.0193799	1	0.076	0.079
0.22658192	1	-0.6214385	0.23762474	1	0.076	0.047
0.10536053	1	-1.9393397	0.09337024	1	0.01	0
0.05496036	1	0.29414501	0.46524617	1	0.038	0.008
0.64764592	1	-0.6324484	0.99067079	1	0.105	0.087
0.05097079	1	1.00848074	1.99E-06	0.05503932	0.143	0.181
0.00061731	1	-0.3741535	0.05145919	1	0.276	0.283
0.97524359	1	0.34641761	0.03095758	1	0.533	0.465
0.95089159	1	0.14727453	0.68817371	1	0.01	0.031
0.7983938	1	-0.1014359	0.97359938	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.33690784	1	-1.0011385	0.22295929	1	0.038	0.031
0.93420291	1	-0.8806203	0.19344453	1	0.048	0.063
0.51515842	1	-1.2162965	0.14076387	1	0.01	0.024
0.47413309	1	0.02352739	0.98633536	1	0	0
0.55661128	1	-0.1384237	0.93478844	1	0.048	0.063
0.75638144	1	0.17040657	0.75032343	1	0.171	0.102
0.16682245	1	0.03879164	0.56525294	1	0.124	0.244
0.16745907	1	-0.0465426	1	1	0	0.008
0.87036121	1	0.13649016	0.51624568	1	0.01	0.031
0.07479024	1	-0.1262559	0.93314756	1	0.124	0.071
0.98163398	1	-0.5331541	0.54877979	1	0	0.008
0.35510649	1	0.1242745	0.33086939	1	0.524	0.425

0.19651289	1	-0.6603259	0.08597626	1	0.01	0.008
0.10431838	1	0.0542241	0.53411237	1	0.371	0.315
0.2087696	1	-0.6270906	0.29675294	1	0.095	0.118
0.22898771	1	0.66278014	0.21027561	1	0.086	0.094
0.31769962	1	-0.0086405	0.88654558	1	0.238	0.213
0.26204794	1	0.45700417	0.86458127	1	0	0.016
0.02436078	1	-0.885442	0.16376536	1	0.067	0.047
0.11900794	1	0.65310664	0.06821342	1	0.095	0.134
0.20643733	1	-0.1925604	0.6530764	1	0.105	0.11
0.43976254	1	1.19874459	0.02565124	1	0.067	0.039
0.7794884	1	-0.171587	0.96850388	1	0.276	0.213
0.49524626	1	0.45600587	0.18793483	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
1	1	8.79409859	0.32710281	1	0.01	0
0.10854428	1	0.05973618	0.19873244	1	0.048	0.039
0.78658181	1	0.64082177	0.50707423	1	0.01	0.016
0.25637275	1	0.60273438	0.10191008	1	0.038	0.094
0.00084422	1	0.12064674	0.86050062	1	0.552	0.535
0.40239793	1	0.23801807	0.55890523	1	0.057	0.079
0.05012925	1	10.7207762	0.01548432	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.64428094	1	0.19183321	0.31369114	1	0.105	0.102
0.16745907	1	10.4239513	0.04861576	1	0.019	0.008
1	1	-0.0465426	1	1	0	0
0.26501366	1	-0.9860612	0.38705071	1	0.019	0.016
0.94353696	1	0.01553349	0.34474865	1	0.076	0.024
0.63792001	1	1.24291213	0.58351143	1	0.01	0.008
0.19553268	1	-0.9938067	0.59330115	1	0.076	0.055
0.76786929	1	-0.1641747	0.57850059	1	0.114	0.11
0.10403419	1	0.20984788	0.50215201	1	0.057	0.102
0.13380264	1	-0.2001794	0.76174701	1	0.086	0.055
0.30884832	1	-9.0681115	0.15105729	1	0.01	0
0.25942163	1	-0.4998254	0.18617252	1	0.057	0.008
0.30878075	1	-0.168616	0.77239798	1	0.552	0.291
0.57985838	1	-0.7965707	0.30052915	1	0.086	0.063
0.78095197	1	-0.0686919	0.78863738	1	0.162	0.118
1	1	-0.3610052	0.62932575	1	0.01	0.071
0.00473836	1	-0.0591005	0.51739941	1	0.514	0.622
0.95717252	1	0.36986453	0.12279881	1	0.01	0.016
0.96758845	1	-0.0112685	0.81490607	1	0.362	0.315
0.54859705	1	-0.4484976	0.07266649	1	0.276	0.291
0.44035789	1	-0.8638577	0.30837386	1	0.076	0.063
0.26125492	1	-0.2695312	0.82526916	1	0	0.008

0.0686525	1	-0.2607808	0.27133344	1	0.524	0.496
0.30884832	1	0.77494932	0.2742181	1	0.019	0
0.64367666	1	1.60474764	0.19168897	1	0	0.008
0.14414494	1	-1.8220783	0.01688574	1	0.01	0.008
0.08044603	1	-0.3128297	0.23215288	1	0.467	0.488
0.07546922	1	-0.6900329	0.99826389	1	0.038	0.024
0.21141637	1	-2.3098801	0.30042403	1	0.01	0
0.6241628	1	0.57814748	0.18726001	1	0.238	0.205
0.94282503	1	-0.8079851	0.01694954	1	0.2	0.244
0.16745907	1	-0.0465426	1	1	0.029	0.008
0.03870334	1	0.70572117	0.34212101	1	0.01	0.047
0.81727735	1	0.0717852	0.90984971	1	0.048	0.055
0.93050675	1	-0.4756445	0.3742439	1	0.105	0.102
0.7873304	1	-0.0922421	0.78632463	1	0.048	0.047
0.3529456	1	-0.8139267	0.00737607	1	0.362	0.26
0.14820265	1	0.267753	0.9644948	1	0.01	0
0.20309338	1	1.45877229	0.03581614	1	0.048	0.031
0.02158291	1	-1.3611292	0.00899822	1	0.038	0.039
0.62316808	1	-0.366154	0.66875868	1	0.029	0.024
0.44297672	1	-0.3090079	0.99463139	1	0.143	0.11
0.11238165	1	0.28332906	0.84178532	1	0.067	0.063
0.61828677	1	0.77204626	0.5174258	1	0.048	0.024
0.96406622	1	-0.1756717	0.35778387	1	0.048	0.087
0.26898368	1	0.54460731	0.10875455	1	0.229	0.22
0.27859796	1	-0.3968288	0.26869476	1	0.267	0.157
0.02059333	1	0.05202345	0.80269495	1	0.571	0.567
0.33145007	1	0.05182662	0.67771436	1	0.01	0.031
0.0834342	1	0.92825541	0.98633536	1	0.019	0.024
0.97638791	1	-0.4095429	0.97579778	1	0.01	0.008
0.07683001	1	1.43795655	0.06417315	1	0.057	0.055
0.40710188	1	-0.4131794	0.26966632	1	0.2	0.228
0.01621721	1	8.46691455	0.32710281	1	0	0.024
0.66338553	1	-0.1190719	0.76627858	1	0.114	0.142
0.0039359	1	2.00681159	0.06417538	1	0.029	0.047
0.56804728	1	-0.5004167	0.34237901	1	0.01	0.039
0.3508946	1	-10.811825	0.00381094	1	0.01	0.016
0.18004336	1	0.6302498	0.19848689	1	0.067	0.094
0.71516306	1	-0.3043692	0.63164244	1	0.038	0.071
0.02074449	1	-1.0666161	0.09536782	1	0.048	0.008
0.04529059	1	-0.3219625	0.73459407	1	0.01	0.079
0.11238165	1	0.18793648	0.37988891	1	0.019	0.063
0.10569404	1	1.22339064	0.05380849	1	0.057	0.071
1	1	-0.0465426	1	1	0	0

0.72017042	1	0.03117955	0.64411241	1	0.01	0.031
0.8512639	1	-0.6519711	0.72306234	1	0.019	0.031
0.63667561	1	0.33571425	0.35058557	1	0.105	0.071
0.14309652	1	0.07210562	0.95510245	1	0	0.008
0.70023339	1	-0.5738294	0.96568352	1	0.019	0.008
0.90528769	1	0.08417576	0.44477903	1	0	0.039
0.14270707	1	-0.3491086	0.36411797	1	0.038	0.024
0.25759727	1	-3.5449079	0.0516502	1	0.019	0.008
0.63792001	1	-7.1238738	0.31142884	1	0	0.008
0.25414764	1	0.12401365	0.3811077	1	0.286	0.276
0.63855559	1	0.39913682	0.7728463	1	0	0.024
0.62930386	1	0.41301228	0.39738652	1	0.019	0.024
0.45073421	1	-0.6869364	0.87329302	1	0.019	0.016
0.30884832	1	1.28008109	0.67572874	1	0.019	0
0.78190573	1	-0.335583	0.91884684	1	0.048	0.039
2.92E-05	0.80473704	-0.5297743	0.02431981	1	0.229	0.134
0.05012925	1	6.42440864	0.16448785	1	0	0.016
2.56E-05	0.70774592	-0.7553537	0.11670574	1	0.038	0.031
1	1	7.66551067	0.32710281	1	0.029	0
0.3164331	1	-0.4041193	0.23678872	1	0.067	0.15
0.96183197	1	-1.2383162	0.4846705	1	0	0.024
0.38104913	1	-0.6931783	0.72524677	1	0.038	0.024
0.1868474	1	-0.3969483	0.42472106	1	0.038	0.016
0.23644964	1	1.2564404	0.33366442	1	0.029	0.016
0.43158422	1	-0.2711629	0.6551153	1	0.067	0.039
0.58268535	1	0.46079232	0.46940004	1	0.019	0.016
0.40229399	1	0.2369333	0.8722851	1	0.01	0.024
0.35638517	1	-2.1931026	0.23464493	1	0.029	0.008
0.26867755	1	1.07759188	0.80592936	1	0.019	0.008
0.18957888	1	0.75977409	0.49213378	1	0.029	0.008
0.51052271	1	-0.1250428	0.94602783	1	0.295	0.244
0.41514627	1	-1.6723249	0.62105689	1	0.019	0.024
0.14375312	1	-1.0222679	0.07479898	1	0.048	0.087
0.78444805	1	0.45723033	0.18053649	1	0.105	0.071
0.74027481	1	-0.2745285	0.93554698	1	0.029	0.039
0.9441449	1	-0.5178176	0.90832311	1	0.067	0.055
0.16065804	1	-0.3089502	0.32854953	1	0.105	0.071
0.50113637	1	-2.324582	0.01000416	1	0.038	0.031
0.13019804	1	0.21101678	0.47852952	1	0.019	0.055
0.99518408	1	-0.2060715	0.44849014	1	0.095	0.094
0.59105959	1	1.35457785	0.45780499	1	0.048	0.016
0.58826203	1	0.85549557	0.17423039	1	0.029	0.016
0.69027692	1	-1.0474321	0.13164039	1	0.048	0.039

0.14820265	1	1.23592786	0.26191622	1	0.029	0
0.03726049	1	0.1908861	0.25813712	1	0.21	0.205
0.95268135	1	-0.197477	0.83232885	1	0.019	0.024
0.57837534	1	-0.4806098	0.24294355	1	0.2	0.118
0.42752834	1	-1.853427	0.05314146	1	0.038	0.039
0.64038471	1	-0.27045	0.56081309	1	0.105	0.118
0.49576532	1	-0.0117729	0.82661915	1	0.314	0.228
1	1	-0.0465426	1	1	0	0
0.51763401	1	0.64743384	0.79739918	1	0.048	0.031
0.44934971	1	-0.162982	0.80187749	1	0.048	0.11
0.2307332	1	-0.1781496	0.24581011	1	0.295	0.189
0.17645905	1	-0.7430574	0.88229137	1	0.029	0.031
0.91427935	1	-0.4691784	0.40777614	1	0.019	0.031
0.82509	1	-9.7282207	0.02261846	1	0.038	0.024
0.16745907	1	7.90910978	0.16448785	1	0.01	0.008
0.47413309	1	-7.3630802	0.31142884	1	0	0
0.19233053	1	0.11848702	0.28742456	1	0.019	0.008
0.47413309	1	1.34306668	0.58031208	1	0.01	0
0.10639558	1	0.02138564	0.73644471	1	0.762	0.63
0.3379047	1	-3.2064921	0.04763543	1	0	0.016
0.05458447	1	-2.8392261	0.02949013	1	0.01	0
0.50825689	1	0.03599234	0.95991711	1	0	0.008
0.845823	1	0.15718467	0.84426422	1	0.048	0.031
0.36620968	1	0.14431453	0.80309416	1	0.01	0.008
0.79051383	1	-0.0795712	0.51260639	1	0.019	0.016
0.47413309	1	-1.6877315	0.98178118	1	0.01	0
0.12460192	1	1.47946349	0.05099386	1	0.019	0.055
0.41948289	1	-0.5777541	0.81967326	1	0.095	0.031
0.92591118	1	-0.9171972	0.2474476	1	0.057	0.055
0.86954876	1	-0.9841766	0.24073833	1	0.01	0.024
0.20407488	1	-1.0320782	0.16360526	1	0.01	0.016
0.01030391	1	-0.9465983	0.0263828	1	0.086	0.039
0.23385587	1	2.13480593	0.58031208	1	0.038	0.016
0.47755286	1	0.15590699	0.14713596	1	0.286	0.244
0.93034939	1	-0.1551121	0.1949376	1	0.086	0.079
0.0023459	1	-0.9304507	0.14109033	1	0.029	0.016
0.28741921	1	0.19580495	0.48863617	1	0.152	0.134
0.2576425	1	-2.2654763	0.06734391	1	0.038	0.016
0.4257215	1	-1.3088262	0.03982717	1	0.067	0.055
0.61675595	1	0.71005526	0.19978728	1	0.095	0.102
0.02784922	1	0.73570952	0.0954464	1	0.038	0.11
0.62316808	1	0.54920031	0.7707728	1	0.057	0.024
0.24328014	1	0.71447848	0.34579504	1	0.029	0.047

0.62390351	1	0.6786257	0.31894462	1	0.095	0.047
0.50172925	1	0.57138339	0.27308968	1	0.038	0.008
0.50273372	1	1.22109894	0.10361527	1	0	0.016
0.99908026	1	0.05133696	0.92409803	1	0.095	0.071
0.70277096	1	0.1241799	0.7957655	1	0.076	0.039
0.26680846	1	-0.2066814	0.72813413	1	0	0.008
0.82441203	1	0.90592714	0.09843523	1	0.076	0.071
0.88135342	1	0.76616509	0.34990024	1	0.057	0.047
0.36620968	1	-0.2045675	0.95689402	1	0.019	0.008
0.0372424	1	0.27952533	0.3742387	1	0.076	0.102
0.66681029	1	-0.4630015	0.75417459	1	0	0.047
0.09044793	1	0.05230307	0.74739822	1	0.124	0.094
1	1	-0.0465426	1	1	0	0
1	1	-0.0465426	1	1	0	0
0.26254688	1	0.75982011	0.05410124	1	0.057	0.079
0.24618683	1	0.2050909	0.90320665	1	0.276	0.244
0.00342342	1	-1.4530578	0.00112359	1	0.181	0.071
0.7188011	1	-0.3122779	0.90511892	1	0.086	0.055
0.33432206	1	-0.2616691	0.86744075	1	0.086	0.079
0.09228924	1	2.58116526	0.26622307	1	0.01	0.031
0.30884832	1	-2.1699906	0.54257632	1	0	0
0.04016835	1	-0.0109801	0.9683218	1	0.038	0.047
0.16745907	1	6.31120325	0.32710281	1	0.01	0.008
1	1	-0.0465426	1	1	0.01	0
0.66203013	1	1.47391092	0.02059053	1	0.114	0.055
0.72104456	1	-0.759686	0.26388598	1	0.133	0.126
1	1	-0.0465426	1	1	0.01	0
0.47413309	1	1.64722663	0.19168897	1	0.01	0
0.36463093	1	-0.4861818	0.27264293	1	0.038	0.079
1	1	7.61285947	0.32710281	1	0	0
8.97E-05	1	0.31918717	0.05422268	1	0.524	0.559
0.2576425	1	-0.5473434	0.55957187	1	0.01	0.016
0.34688484	1	-0.1163107	0.99129217	1	0.114	0.118
0.00506616	1	-0.2558436	0.74216462	1	0.162	0.228
0.06146669	1	-0.7065116	0.56735746	1	0.048	0.055
0.79051383	1	1.87557988	0.08827119	1	0.029	0.016
0.95345245	1	-2.637444	0.38318926	1	0.019	0.016
0.44615054	1	-0.120099	0.52959401	1	0.01	0.016
0.63133112	1	0.68136306	0.4643859	1	0.086	0.102
1	1	-0.0465426	1	1	0.01	0
0.50273372	1	1.45777157	0.27287433	1	0.029	0.016
0.17032212	1	-0.5432439	0.14873999	1	0.057	0.047
0.06019188	1	0.19563902	0.49596377	1	0.057	0.047

0.3518214	1	-0.3428009	0.53325923	1	0.162	0.181
0.64817744	1	0.21004499	0.88309759	1	0.029	0.055
0.09503132	1	1.63796453	0.16672562	1	0.019	0.031
0.63792001	1	1.33100643	0.19168897	1	0.019	0.008
0.90861128	1	0.34791563	0.28129762	1	0.219	0.181
0.9940174	1	-0.029564	0.46952865	1	0.143	0.11
0.25420509	1	-0.144921	0.36173317	1	0.048	0.047
0.41748631	1	0.52979485	0.63007992	1	0.057	0.039
0.05407607	1	-0.246709	0.42270657	1	0.133	0.063
0.74541514	1	0.68671926	0.432692	1	0	0.016
0.18766795	1	-1.5358378	0.01018899	1	0.019	0.024
0.74541514	1	-0.2567524	0.95894483	1	0.067	0.016
2.17E-05	0.59829982	0.44669663	0.03680895	1	0.343	0.441
0.30884832	1	0.29644022	0.43771264	1	0.019	0
0.57532163	1	0.71300215	0.72777643	1	0.086	0.071
0.61705836	1	-0.2566917	0.78323788	1	0.029	0.024
0.78923091	1	-1.2597425	0.08548221	1	0.029	0.024
1	1	-0.0465426	1	1	0	0
0.30884832	1	-1.5147225	0.54257632	1	0	0
0.5799063	1	-1.3771679	0.05314146	1	0	0.016
0.75240068	1	-1.5352443	0.71716084	1	0.048	0.039
0.18821398	1	-0.1269178	0.95645331	1	0.019	0.008
1	1	-0.0465426	1	1	0.01	0
0.10596773	1	0.08616987	0.87645118	1	0	0.008
0.7475428	1	-0.590913	0.71397699	1	0.076	0.039
0.71202216	1	0.02143399	0.64098287	1	0.019	0.031
0.42550876	1	0.21606915	0.35637004	1	0.067	0.039
0.47413309	1	0.48568209	0.58671897	1	0.038	0
0.90381306	1	-0.1556537	0.58068625	1	0.086	0.063
0.30874545	1	-0.250533	0.52533562	1	0.095	0.087
0.73560557	1	-0.0292585	0.44744249	1	0.01	0.016
0.23644964	1	-3.0923622	0.98178118	1	0	0.016
0.69601219	1	-8.9956972	0.07816392	1	0.01	0.008
0.97114286	1	2.1297966	0.16409887	1	0.019	0.008
0.21141637	1	-0.9997339	0.62618056	1	0	0
0.63792001	1	3.34296209	0.58031208	1	0	0.008
0.57934855	1	0.25826478	0.67169746	1	0.086	0.126
0.09320861	1	0.14511112	0.58407536	1	0.057	0.126
0.08237514	1	-0.0045146	0.54607604	1	0.019	0.016
0.57496598	1	-0.2858971	0.60741596	1	0.257	0.22
0.36620968	1	0.79122263	0.7936085	1	0.029	0.008
0.83457485	1	-0.375295	0.95279328	1	0.029	0.024
0.78543925	1	-1.0131257	0.14634224	1	0.019	0.031

0.71562013	1	0.05992322	0.41950462	1	0.095	0.063
0.09503132	1	0.75819675	0.27827652	1	0.048	0.031
0.41216674	1	-0.0951248	0.69235196	1	0.257	0.197
0.95801512	1	0.08917176	0.32416892	1	0.086	0.094
0.97114286	1	0.31655713	0.97902395	1	0	0.008
0.00109161	1	-0.6231368	0.46273819	1	0.019	0.047
0.77248141	1	-2.1831646	0.02949013	1	0.01	0.024
0.14820265	1	-0.0039208	0.9622058	1	0.01	0
0.0456455	1	-0.268773	0.87216553	1	0.076	0.024
0.3725605	1	-0.8057566	0.19235746	1	0.095	0.118
1	1	-0.0465426	1	1	0	0
0.78658181	1	-0.1885946	0.63132234	1	0	0.016
0.47413309	1	-0.3006711	0.98178118	1	0.01	0
0.14101725	1	-0.8433902	0.22486411	1	0.019	0.008
0.0395935	1	-1.2910995	0.53003326	1	0.038	0
0.94973339	1	-1.5873167	0.16931443	1	0.01	0.016
0.05651632	1	0.02522882	0.66206979	1	0.095	0.024
0.52509477	1	-1.2676018	0.69131702	1	0.038	0.031
0.05458447	1	-5.955286	0.02843506	1	0	0
0.49910514	1	0.95244228	0.43576121	1	0.057	0.016
0.14771103	1	0.12829685	0.6300023	1	0.029	0.016
0.26309715	1	0.17640883	0.64411241	1	0.038	0.008
0.26650516	1	-0.3366747	0.75266461	1	0.029	0.016
0.5063762	1	-1.9683342	0.54567368	1	0	0.016
0.23644964	1	0.39865393	0.98633536	1	0.01	0.016
0.05753618	1	-0.2998862	0.91327145	1	0.048	0.008
0.47413309	1	-7.6638312	0.31142884	1	0	0
0.35355563	1	-1.0503525	0.04960195	1	0.095	0.055
0.74869428	1	0.64173443	0.21383974	1	0	0.016
0.17405509	1	0.03380689	0.53789111	1	0.067	0.047
1	1	-0.0465426	1	1	0	0
0.97114286	1	-8.5746581	0.15105729	1	0.019	0.008
0.04979595	1	-0.3828237	0.92741843	1	0.114	0.189
0.6196791	1	-0.0327646	0.95835191	1	0.029	0.047
0.78982946	1	-0.0958388	0.53641831	1	0.086	0.087
0.51647812	1	-0.9066177	0.24779546	1	0.105	0.118
0.84175278	1	-0.4052412	0.20909885	1	0.067	0.102
0.11783171	1	0.16141252	0.80992258	1	0.105	0.213
0.03998678	1	0.16052191	0.56859898	1	0.048	0.055
0.46140076	1	-1.8009941	0.07227266	1	0.086	0.047
0.7983938	1	-2.8716943	0.29853994	1	0.019	0.016
0.51515842	1	-0.1407682	0.94448883	1	0.057	0.024
0.40982008	1	0.30654776	0.51075885	1	0.01	0.024

0.16745907	1	8.77354237	0.16448785	1	0	0.008
0.21141637	1	0.96902878	0.33664056	1	0.01	0
0.02097059	1	-1.5997139	0.01845791	1	0.038	0.016
0.19246631	1	-2.7222364	0.01669978	1	0	0.016
0.74214061	1	-0.4015499	0.44834817	1	0.01	0.016
0.14424829	1	-0.769715	0.4665333	1	0	0.024
0.78658181	1	1.63931979	0.73236962	1	0	0.016
0.97709359	1	0.23759569	0.74480326	1	0.01	0.024
0.79445119	1	-0.5750102	0.63132234	1	0.01	0.016
0.77248141	1	-2.1888804	0.02970513	1	0	0.024
0.06502403	1	-0.0509581	0.67089206	1	0.057	0.016
0.31025959	1	-0.2659436	0.49025155	1	0.333	0.26
0.04435703	1	0.10994808	0.18667003	1	0.019	0.016
0.62469923	1	0.18394107	0.7811564	1	0.029	0.024
0.72228831	1	-0.63136	0.252079	1	0.105	0.079
0.03486476	1	-0.473197	0.86085616	1	0.067	0.024
0.78658181	1	0.79132873	0.50523717	1	0	0.016
0.47930537	1	-1.0954257	0.3858924	1	0	0.024
0.47413309	1	-7.1770695	0.31142884	1	0.01	0
0.68448142	1	-1.2153412	0.32180402	1	0.095	0.063
0.84091157	1	-0.4658157	0.6993286	1	0.057	0.024
0.35358189	1	-0.6388435	0.56632417	1	0.038	0.063
9.05E-07	0.02496246	0.0629303	0.41491085	1	0.771	0.843
0.64367666	1	2.32659513	0.33164578	1	0.038	0.008
0.88001822	1	-0.2675481	0.67010119	1	0.067	0.079
0.16745907	1	-0.0465426	1	1	0	0.008
0.51261966	1	-1.5633331	0.02574345	1	0.048	0.031
0.05472579	1	0.10388783	0.38136362	1	0.562	0.457
0.50172925	1	-2.7237629	0.16707819	1	0.019	0.008
0.96089352	1	-1.9247734	0.16819352	1	0.01	0.016
0.17594909	1	0.94430426	0.7707728	1	0.01	0.039
0.67012889	1	-0.0261517	0.48424067	1	0.067	0.055
0.17798257	1	-0.4559307	0.28810431	1	0.038	0.102
0.88013507	1	0.27415489	0.80583861	1	0.076	0.055
0.0755948	1	-1.0012744	0.93526148	1	0.019	0
0.9801471	1	0.52910213	0.81470623	1	0.038	0.024
0.03906527	1	1.1477201	0.09367246	1	0.019	0.047
0.19852148	1	0.50047353	0.50891479	1	0.019	0.031
0.69180038	1	-1.0119043	0.6287492	1	0.019	0.008
0.00066337	1	0.11799966	0.52508436	1	0.6	0.622
0.39250355	1	-0.2452032	0.68843444	1	0.086	0.11
0.24300321	1	-2.6784131	0.01500372	1	0	0.024
0.02003753	1	0.22228547	0.10564983	1	0.552	0.598

0.75860365	1	-0.8216997	0.51277406	1	0.01	0.024
0.41859957	1	-0.1354534	0.44265442	1	0.114	0.063
0.13466004	1	0.07412418	0.6155915	1	0.238	0.26
0.88573068	1	-0.1793073	0.56786827	1	0.038	0.039
0.57648993	1	-0.0401466	0.09684587	1	0.324	0.26
0.76293812	1	0.04968896	0.76405802	1	0.21	0.157
0.64367666	1	-7.4942951	0.31142884	1	0.01	0.008
0.30884832	1	-1.758309	0.54567368	1	0.01	0
1	1	-0.0465426	1	1	0	0
0.85042981	1	-1.3769328	0.03660337	1	0.124	0.102
0.16047138	1	-1.0857605	0.37896371	1	0.048	0.039
0.7012089	1	-1.115947	0.14340882	1	0.019	0.031
0.33267433	1	-0.7651706	0.46011486	1	0.057	0.031
0.80045213	1	0.37889519	0.64358841	1	0.038	0.024
0.39870467	1	-0.8104626	0.1774365	1	0.01	0.024
0.16745875	1	-0.5408028	0.76207563	1	0.019	0.031
0.26261971	1	0.19395628	0.25751963	1	0.029	0.047
0.23385587	1	0.91601546	0.58351143	1	0	0.016
0.11678254	1	-1.2967443	0.03306703	1	0.124	0.055
0.63792001	1	0.38796731	0.98633536	1	0.019	0.008
0.27241064	1	-0.7539762	0.19537626	1	0.019	0.071
0.64424152	1	0.06278439	0.94258349	1	0.038	0.055
0.79445119	1	1.31654646	0.09367246	1	0.01	0.016
0.25155335	1	-0.9586077	0.07697847	1	0.019	0.024
0.83774189	1	-0.439775	0.45352207	1	0	0.024
0.69180038	1	0.56458938	0.73467898	1	0.01	0.008
0.20881001	1	0.18474698	0.38207599	1	0.133	0.071
0.45998108	1	-0.4552037	0.34362934	1	0.01	0.016
0.63792001	1	2.5696229	0.33366442	1	0	0.008
0.85361558	1	0.51727642	0.31925421	1	0.019	0.024
0.88488787	1	-0.1043172	0.81173239	1	0.057	0.063
0.47413309	1	1.36353118	0.58031208	1	0.01	0
0.14820265	1	-5.2456204	0.16486421	1	0	0
0.03158649	1	0.68085972	0.35703524	1	0.095	0.134
7.68E-07	0.02119836	-0.3902708	0.07754969	1	0.105	0.102
0.30372964	1	-1.294222	0.10757925	1	0.029	0.071
0.84725861	1	1.70708768	0.09549537	1	0.029	0.024
0.04016835	1	-0.080277	0.5163119	1	0.038	0.047
0.34032397	1	-0.028229	0.62733462	1	0.124	0.205
0.25759727	1	-1.7524646	0.47666303	1	0.038	0.008
0.98163398	1	-1.3891609	0.54257632	1	0	0.008
0.21141637	1	-1.3534252	0.62361645	1	0.01	0
0.31775941	1	-0.8597986	0.37925755	1	0.057	0.047

1	1	-0.0465426	1	1	0.019	0
0.97114286	1	0.48580853	0.43966909	1	0	0.008
0.21141637	1	-10.16763	0.07816392	1	0.01	0
0.27181198	1	-0.301612	0.54436442	1	0.171	0.173
0.69004476	1	0.03925077	0.66197634	1	0.124	0.079
0.31239034	1	-0.4674616	0.39338355	1	0.114	0.071
0.81292426	1	0.45304325	0.324019	1	0.19	0.173
0.70023339	1	0.92091078	0.97623862	1	0	0.008
0.72017042	1	0.53973747	0.80943724	1	0.029	0.031
0.26271269	1	-0.2726462	0.38295364	1	0.114	0.063
0.36869196	1	2.20553414	0.20015951	1	0	0.008
0.47413309	1	-6.4878812	0.31142884	1	0	0
0.14820265	1	-1.0765908	0.16931443	1	0	0
1	1	-0.0465426	1	1	0	0
0.10770214	1	-0.6574215	0.59758472	1	0.019	0.016
0.23890831	1	-0.4742428	0.29931692	1	0.038	0.039
0.43932506	1	1.17325629	0.09325128	1	0.01	0.016
0.19700939	1	-0.7852114	0.06552291	1	0.048	0.039
0.23906368	1	0.23349791	0.58671897	1	0.01	0.016
0.69601219	1	1.05730042	0.33937369	1	0.019	0.008
0.57577012	1	0.22025332	0.69819622	1	0.152	0.063
1	1	7.13407732	0.32710281	1	0.029	0
0.32533977	1	-0.7614495	0.23911216	1	0.124	0.055
0.73544228	1	1.04505862	0.11105419	1	0.019	0.039
0.41539263	1	-0.2512978	0.88340986	1	0.086	0.055
0.2262796	1	-0.7029002	0.16801996	1	0.029	0.031
0.47413309	1	0.53189956	0.58671897	1	0	0
0.75526616	1	0.52966574	0.60119856	1	0	0.016
0.48821878	1	-0.2097463	0.62585459	1	0.114	0.039
1	1	-0.0465426	1	1	0	0
0.79274997	1	0.21118644	0.19988617	1	0.314	0.268
0.16745907	1	-0.0465426	1	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.5108201	1	0.0159363	0.94210352	1	0.057	0.055
0.63792001	1	-7.5597652	0.31142884	1	0	0.008
0.92815753	1	-0.4660274	0.55843068	1	0.105	0.102
0.05856112	1	-0.1249596	0.49847623	1	0.029	0.016
1	1	8.80860192	0.08811101	1	0	0
0.74570355	1	-0.4652862	0.06129597	1	0.343	0.307
0.03763461	1	-1.0172212	0.62618056	1	0.019	0.047
0.04984148	1	-0.7575556	0.13540094	1	0.038	0.071
0.0288151	1	0.37241605	0.26436983	1	0.038	0
0.16745907	1	-0.0465426	1	1	0	0.008

0.39289262	1	-1.0220025	0.05486813	1	0.048	0.047
0.98163398	1	-1.2165428	0.54567368	1	0	0.008
0.91754083	1	-1.2705576	0.38013263	1	0.067	0.039
0.51321518	1	-0.1127832	0.42835845	1	0.086	0.063
0.6675292	1	1.3492282	0.01516986	1	0.076	0.071
1	1	-0.0465426	1	1	0	0
0.23465946	1	-1.3228024	0.56865269	1	0.105	0.024
0.22114379	1	1.62026223	0.16849427	1	0.029	0.024
0.30884832	1	-9.6858996	0.15105729	1	0	0
0.70446388	1	-0.7133109	0.6287492	1	0.029	0.008
1	1	-0.0465426	1	1	0	0
0.22889748	1	-0.4106663	0.45349879	1	0.095	0.087
0.84408382	1	0.96451323	0.04425353	1	0	0.024
0.79051383	1	-0.1040114	0.63132234	1	0	0.016
1	1	7.51466123	0.32710281	1	0.01	0
0.77873416	1	-0.517341	0.63132234	1	0.019	0.016
1	1	-0.0465426	1	1	0	0
0.47413309	1	1.36072256	0.33164578	1	0.019	0
0.19197274	1	-0.552559	0.10812643	1	0.086	0.039
5.77E-05	1	0.02559326	0.65543549	1	0.21	0.362
8.46E-05	1	-0.4164115	0.16882467	1	0.076	0.11
0.50172925	1	0.65491658	0.08232549	1	0.01	0.008
0.88130875	1	-0.1368123	0.51753149	1	0.038	0.031
0.02175577	1	-0.5855578	0.1977847	1	0.229	0.126
0.0130771	1	-0.0152931	0.93224935	1	0.048	0.063
0.79350216	1	-0.0923672	0.54406071	1	0.019	0.047
0.9651623	1	0.18786526	0.72240422	1	0.162	0.165
0.09802477	1	0.17344631	0.29129361	1	0.448	0.417
0.53599107	1	-0.061965	0.31920946	1	0.095	0.031
0.47413309	1	-8.1944881	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.23906368	1	0.65940722	0.33569097	1	0.01	0.016
0.03030999	1	2.96815565	0.18923611	1	0.019	0.031
0.47413309	1	-7.3372009	0.31142884	1	0	0
1	1	-0.0465426	1	1	0	0
0.18237132	1	0.20919052	0.67868307	1	0.086	0.031
0.01612195	1	0.18397484	0.45691805	1	0.381	0.402
0.18104367	1	0.12523804	0.66848154	1	0.352	0.252
0.16348675	1	-0.6324131	0.97988823	1	0.095	0.205
0.86096769	1	0.36859932	0.61589508	1	0.133	0.15
0.21141637	1	-3.9098432	0.29853994	1	0	0
0.97114286	1	-0.9308894	0.54877979	1	0	0.008
0.21141637	1	-0.2419203	0.7416214	1	0.019	0

0.27439612	1	-0.4779063	0.1984892	1	0.152	0.094
0.17351675	1	-0.3208955	0.9622058	1	0.019	0.039
0.47413309	1	0.47046377	0.98633536	1	0.01	0
0.48553178	1	-0.3113306	0.58442564	1	0.029	0.024
0.69601219	1	-10.012688	0.07816392	1	0.019	0.008
0.16745907	1	-0.0465426	1	1	0	0.008
0.82984969	1	-0.3034043	0.85887756	1	0.152	0.094
0.52989941	1	-0.3954639	0.22228484	1	0.038	0.055
0.55186468	1	0.92836102	0.987386	1	0.019	0.031
0.49600569	1	-1.9648955	0.07094523	1	0	0.024
0.64367666	1	1.08993811	0.58351143	1	0	0.008
0.4036635	1	1.02997298	0.24519649	1	0.029	0.039
1	1	-0.0465426	1	1	0	0
0.21141637	1	-0.0138908	0.50891479	1	0	0
0.78084345	1	0.1457484	0.67321359	1	0.029	0.024
0.98163398	1	0.2288171	0.43966909	1	0	0.008
1	1	-0.0465426	1	1	0	0
0.36620968	1	-0.4499395	0.95279328	1	0.019	0.008
0.01301869	1	0.3105875	0.21980834	1	0.267	0.181
0.57069639	1	-0.0070874	0.41362633	1	0.095	0.063
0.03688378	1	0.00866029	0.74333893	1	0.467	0.504
0.32314015	1	0.16489706	0.77919294	1	0.152	0.142
0.15703185	1	-0.7315084	0.0195295	1	0.105	0.157
0.47624104	1	0.55617868	0.30465251	1	0.029	0.047
0.30835403	1	-0.0449012	0.14488425	1	0.124	0.11
0.74451044	1	-0.7620409	0.36641222	1	0.067	0.055
0.72017042	1	0.30768992	0.62697939	1	0.038	0.031
0.64367666	1	-0.0546691	0.58671897	1	0.01	0.008
0.95573092	1	0.0969602	0.82703278	1	0	0.024
0.84292506	1	-0.1129089	0.66217803	1	0.2	0.165
0.26494833	1	0.07164214	0.50090176	1	0.019	0.008
0.10369122	1	-0.705877	0.26380858	1	0.171	0.15
0.29239212	1	0.05819648	0.52825372	1	0.067	0.071
0.00609235	1	0.11486324	0.17906238	1	0.562	0.496
0.26133915	1	-0.1857703	0.34189732	1	0.543	0.48

C7_wk13.pct	C7_N.pct	C1.wk5	C1.wk11	C1.wk13	C1.N	C2.wk5
0	0	0.07732331	0.13712684	0.23026602	0.21776125	1.00E-04
0	0	1.00E-04	0.04173949	0.01471495	0.02463855	1.00E-04
0	0.004	0.10509404	0.18647152	0.12546511	0.12423531	0.23506783
0.012	0.016	1.65349348	1.8061921	1.31091854	1.58030969	1.52748524
0.024	0.037	3.03627475	3.19995293	3.29094604	3.36808838	3.26850621
0.004	0	0.15030169	0.14732789	0.16687315	0.24171838	0.18474924
0.044	0.057	1.81855844	1.6151666	1.8990083	1.90440189	1.91390564
0.131	0.176	2.40307025	2.55659602	2.2761104	2.33511056	2.83917723
0.004	0	0.03843469	0.11471259	0.173659	0.11261303	1.00E-04
0	0	0.03490002	1.00E-04	0.00720926	0.00572002	1.00E-04
0	0	1.00E-04	0.01032859	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00681332	1.00E-04	1.00E-04
0	0.004	1.37737405	0.98568096	1.11523142	1.33771935	1.17782892
0.115	0.061	3.20240027	3.46312545	2.88378977	3.08293377	3.24769452
0.687	0.717	5.32406116	5.55510649	5.14756021	5.25225573	5.07983403
0.079	0.057	2.28246169	2.33379214	2.97540958	2.93918279	2.47478654
0.091	0.119	2.99015447	2.93236939	3.40983449	3.42268239	3.05327843
0.004	0	1.00E-04	0.0161978	0.0199682	0.03390822	1.00E-04
0.087	0.07	2.61460415	2.72528053	2.50169844	2.60526102	2.3948777
0.194	0.225	3.06611142	3.46069483	3.17897789	3.36792199	3.30903934
0	0.008	1.61983238	1.65989711	1.64429235	1.75591059	1.73264013
0.075	0.09	2.6374056	2.7653215	2.67709348	2.88880836	2.76680603
0.127	0.123	3.20433578	3.27073406	3.4472201	3.47357913	3.35293161
0.036	0.037	1.75223437	2.11745197	1.76624884	1.93591225	2.00834358
0.306	0.266	4.18384956	4.3391418	3.93446332	4.06367203	4.13581952
0.012	0.012	0.99092933	1.01556049	0.96872074	0.77698313	2.20883044
0.044	0.066	2.10778319	2.23992374	1.93670576	2.08266407	2.24699169
0.091	0.061	5.36053974	5.69765049	5.18650395	5.04892079	5.63175044
0.028	0.033	0.64430784	0.70006733	0.62994928	0.83286879	1.1445473
0.004	0	0.05372656	0.17356038	0.04079308	0.11100055	1.00E-04
0	0	0.84139708	0.531754	0.64479179	0.6910867	1.0313331
0	0	0.12919599	0.11006122	0.05766748	0.12037845	0.10699896
0.06	0.053	3.37847047	3.18292463	3.22237622	3.32988506	2.08794092
0.056	0.053	1.81374153	2.13369871	1.7300664	1.94586037	2.33555527
0.004	0	0.01249986	0.0363221	0.01963951	0.03792656	0.13119175
0.091	0.086	1.40265522	1.3923741	1.48445204	1.60354164	1.84782501
0.012	0.004	2.85434588	2.92021965	2.75310403	3.12613513	4.19015911
0.04	0.045	2.35705775	2.58082825	2.37947749	2.52441681	2.4768833
0	0	0.05212085	0.15077976	0.05027038	0.09661353	0.19738619
0	0.004	1.24583576	1.78809724	0.83616367	1.40594693	2.61244252
0.472	0.381	0.45064471	0.38702696	0.2831324	0.59193198	2.74761267
0.175	0.291	3.72076295	3.76290133	3.79991473	4.00457055	3.78473984

0	0	0.06159503	0.10807289	0.11030943	0.07825634	0.09275774
0.004	0	0.05069426	0.07000006	0.06594814	0.08800241	0.15508894
0.008	0	0.09823196	0.08905435	0.07948533	0.12684146	0.04909605
0	0.004	1.0719984	1.05344813	1.05699964	1.24974357	0.69775757
0.19	0.139	3.83530193	4.03594149	3.66614931	3.72863366	3.87941335
0.048	0.016	2.02487069	2.33321262	2.33380691	2.49778788	2.04570623
0.016	0.004	0.96036855	1.02215836	0.79498666	1.07184649	1.03664682
0.377	0.324	4.44589277	4.6458553	4.20572224	4.36180246	5.05709183
0.103	0.131	2.433848	2.67797911	2.35990647	2.50410968	2.37239961
0	0	0.02287918	0.05733369	0.02997034	0.03148723	0.06468513
0	0	1.00E-04	1.00E-04	0.01051097	0.03148362	1.00E-04
0	0	0.0812952	0.0860837	0.06153392	0.04841286	0.2821226
0.008	0	0.98670258	1.20471438	0.93574152	0.81210287	1.55402913
0.02	0.012	3.9821339	4.0096634	3.91382106	4.04996716	3.70625736
0.127	0.143	5.5202474	5.77543577	5.23096481	5.31330422	5.42521564
0.075	0.123	3.20268085	3.43195848	3.10981747	3.30892386	2.96269854
0.004	0.004	0.60270198	0.74872085	0.60762256	0.61212731	1.32294687
0	0	0.05110911	0.10817618	0.06155083	0.07147216	0.19977839
0	0.004	0.43541095	0.1831811	0.0844875	0.12573258	0.15624714
0.012	0.008	1.93807615	2.12625501	2.08440674	2.05596068	2.1133091
0	0.004	0.37450541	0.40224658	0.0833481	0.06980245	0.5338694
0.218	0.176	3.69363536	3.81408414	3.30287895	3.49566479	3.82703139
0.087	0.066	2.50355592	2.75548807	2.5966406	2.78709401	2.98435435
0.19	0.291	3.69092259	3.7216541	3.74934823	3.88213116	3.97204904
0.242	0.184	4.07602267	4.07988255	4.32621669	4.25240466	4.2689459
0.028	0.025	2.26981089	2.28496167	2.52671803	2.52053175	2.4940415
0.044	0.049	2.36948129	2.49552812	2.69003107	2.67432847	2.53945727
0.194	0.148	7.31402875	7.37515041	7.0414009	7.10570292	6.80639863
0.21	0.201	1.42634013	1.60834298	1.17474824	1.36850033	1.03647614
0	0	0.01670424	0.05288244	0.02656608	0.02344381	1.00E-04
0.004	0	0.31854551	0.81392772	0.53954835	0.74096561	0.32873087
0.004	0	0.23757085	0.22065207	0.17095479	0.16875743	0.39756471
0	0.004	0.84577276	0.90223886	0.81255404	0.91391915	0.59128183
0.02	0.033	1.07560868	0.9494181	1.24375344	1.29854435	1.04165927
0.04	0.033	2.37483513	2.4507141	3.07312875	2.9604978	2.53670502
0.329	0.32	4.49247266	4.53731364	4.54579819	4.65634518	5.03560952
0.028	0.004	1.62478477	1.93748576	1.55873785	1.73329419	1.43719517
0.123	0.131	2.65761023	2.76722744	2.81858372	2.89451387	2.77883395
0.087	0.086	2.61260879	2.34746397	3.04847054	3.08901097	2.62795636
0.016	0.016	1.39989093	1.14867402	1.24938795	1.40375641	1.4724294
0.127	0.152	3.52579235	3.70692967	3.87999004	3.95458064	3.90492611
0	0	0.01548483	1.00E-04	0.00397394	0.00455886	0.19983363
0.238	0.197	3.31515703	3.25017102	3.71027567	3.75139279	3.5515225

0.155	0.217	3.45763893	3.71729719	3.34052299	3.23844052	3.7310718
0.048	0.016	2.24097302	2.22342864	1.99282487	2.1586517	2.87937571
0.21	0.172	3.63452715	3.6283901	3.65783277	3.8963235	3.63326688
0.21	0.164	6.47558941	6.63486247	6.14704571	6.2313894	6.09893906
0.246	0.135	4.26918249	4.19658495	4.19250683	4.19765059	3.63851165
0.028	0.02	2.05635235	2.01100709	2.28387874	2.28136809	1.69425982
0.079	0.049	5.44336677	5.47679915	5.47656418	5.51556816	4.67272506
0.123	0.07	2.93605982	3.63854239	2.64185357	2.872119	3.38050022
0.02	0.029	1.99278382	2.15482916	2.29844438	2.33332284	1.89642365
0.456	0.455	5.67741597	6.07275817	5.59007619	5.49370506	5.7214399
0.159	0.111	3.02759685	3.5304584	3.36482153	3.59267356	3.45972274
0.06	0.037	1.79390866	2.72710941	2.56667168	2.46827286	2.81249885
0.004	0.02	0.68749556	0.9745312	0.73709326	1.00544147	0.69079414
0.032	0.045	2.33298546	2.31194868	2.57294797	2.6271633	2.4719702
0.345	0.332	4.72296765	5.07731184	4.60691686	4.77388893	4.84048863
0.099	0.086	3.99721276	4.59296315	3.7160414	3.86450589	4.34893433
0.448	0.43	1.76523345	2.61110943	1.52773654	1.890321	2.02593136
0.008	0	0.84480258	0.90001846	0.56193005	0.67120241	0.72863201
0.004	0	0.09512564	0.0394917	0.03600686	0.09894826	0.20248655
0.004	0.008	0.01961173	0.20502842	0.02807644	0.07219181	1.00E-04
0.5	0.471	6.135704	6.19791368	5.83912235	6.03433383	6.42273104
0.016	0.008	0.38875895	0.50522018	0.17718476	0.41469559	0.52818237
0.401	0.48	4.59460971	4.38709196	5.41541496	5.43901023	4.69676958
0.079	0.061	2.23192023	2.33587038	2.28737993	2.47774679	2.43815335
0.099	0.143	3.16811338	3.14600856	3.30240834	3.44531886	3.35647507
0.079	0.061	2.10589526	2.04018303	2.72453792	2.67970964	2.38605207
0.056	0.061	1.29783723	1.66789138	1.79310307	1.90510716	1.74229733
0.008	0.004	0.99873111	1.66922781	0.53779849	0.56664748	2.40077322
0.052	0.09	2.81613478	2.992352	3.5054102	3.5959023	3.02297859
0.131	0.086	3.45336722	3.43259504	3.97012375	3.96994576	3.64477259
0.139	0.127	2.11383943	2.76462678	1.93365963	2.12593493	2.60762903
0.012	0.02	3.78365498	3.64702019	3.03031634	3.35109812	1.71996516
0.052	0.053	3.05933422	3.11294138	2.9761784	3.37135885	2.89766282
0.123	0.053	3.15182612	3.19499843	3.0103289	3.14049536	3.16465969
0.044	0.025	1.36110501	1.44512993	1.25408492	1.56278742	1.23760358
0.04	0.045	2.3705467	2.30378364	2.57031358	2.67101401	2.42367035
0.024	0.049	2.65537573	2.80367169	2.50325203	2.72359829	2.4048253
0.083	0.123	3.48631041	3.39828565	3.76576532	3.88610112	3.62601037
0.052	0.074	2.76362135	2.72214764	3.1854981	3.14718814	2.59647222
0.103	0.102	3.07716387	3.13026519	2.90429358	3.14023197	2.92505671
0.083	0.082	3.5076878	3.43886886	3.82411043	3.81498086	3.59874204
0.024	0.008	0.02487721	0.00932132	0.00941087	0.03114402	1.00E-04
0.31	0.402	0.37769793	0.4384923	0.56154654	0.6043181	1.83734396

0.687	0.684	6.30905987	6.45873675	6.05489017	6.20779018	6.2106549
0.048	0.033	2.27711151	2.49052809	2.12765812	2.28016526	2.3463697
0.21	0.184	3.48486083	3.52896087	3.8381875	3.88332766	3.6203143
0.194	0.148	2.19695903	2.0855925	2.90521176	2.59752458	2.38721884
0.282	0.266	3.86929819	3.85341748	3.96338711	4.03654735	4.10641368
0.016	0.008	0.87057022	1.12235824	1.10423712	1.26410214	1.15770989
0.175	0.217	3.53505663	3.58903355	3.68479426	3.80164272	3.54843821
0.294	0.275	5.256431	5.54885629	5.06480488	5.12535469	4.92885662
0	0	1.00E-04	0.06180189	0.0428635	0.05594853	1.00E-04
0.02	0.025	0.87484418	1.10158443	1.15698082	1.20624949	0.77401052
0	0	1.00E-04	0.07615467	0.04589143	0.11075827	1.00E-04
0.016	0	0.925101	1.0580725	1.26097091	1.19444917	0.96326428
0	0	0.02432547	0.05106447	0.04006301	0.02731165	1.00E-04
0.008	0	0.05027969	0.12500603	0.0855527	0.07569805	1.00E-04
0.012	0.016	0.46337479	0.55873016	0.53404464	0.68553022	0.46296827
0.016	0.012	2.07982097	2.71631282	1.92186628	1.94399574	1.53122419
0.329	0.34	5.6809076	5.92140373	5.47680621	5.73699039	5.36599632
0	0.004	0.04951719	0.03937462	0.06263276	0.06107225	0.08620641
0.365	0.365	4.34988988	4.34927721	4.16464451	4.19958344	4.47457345
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.06947135	0.16130726	0.08630038	0.17580905	1.00E-04
0.008	0.008	3.22621611	2.93031136	3.82801325	3.707086	3.42009595
0.004	0	0.76972664	1.41429915	1.02446789	1.1719959	0.75780757
0.139	0.209	3.37227932	3.44119231	3.43401015	3.53805131	3.4937925
0.004	0	0.15423028	0.17938469	0.10075309	0.10088693	0.0972877
0.067	0.033	4.45363881	4.26446416	4.2085136	4.30240919	3.4611329
0.155	0.193	3.7653373	3.84281501	3.94642834	4.03889521	3.87289036
0	0	1.14557471	1.35926048	1.57683802	1.14297767	1.41494381
0.012	0.02	3.53125607	3.45405543	3.49611755	3.73455981	3.06341816
0.004	0.004	0.19040228	0.26609969	0.22879469	0.24190176	0.40221683
0.107	0.098	3.5315042	3.48807429	4.22643483	4.22365762	3.53160446
0.044	0.074	2.96123894	3.16059002	3.80677218	3.92268961	2.5393256
0.004	0	1.03407117	1.05109285	1.52045611	1.51952452	0.43333045
0.004	0.008	1.82428469	1.81404196	2.5705519	2.61623662	1.25699184
0.214	0.225	2.41084569	2.40933602	2.31136689	2.78477474	1.94236588
0.095	0.037	1.93788172	2.18179565	2.4054277	2.35622504	2.33171546
0.111	0.127	3.48422775	3.55903656	3.64850935	3.7198549	3.67617825
0.107	0.102	3.26671352	3.2194559	3.31725112	3.45583505	3.43259064
0.008	0.004	1.8177348	1.75044552	1.83921187	2.02048715	1.47200693
0.048	0.045	2.30121724	2.29976944	2.16547296	2.33711673	2.17228696
0.075	0.074	0.72119653	0.90181184	0.4926105	0.75842012	0.99510983
0.091	0.115	2.65520973	2.70303879	3.10655121	3.11196363	2.84392695
0.02	0.008	1.53485665	1.90140813	2.18249921	2.11996656	1.53459896

0.012	0.02	0.25855214	0.34860661	0.54088726	0.49761956	0.40479631
0.083	0.025	3.8315697	3.81652518	4.99982609	4.67541848	3.70160407
0.044	0.053	2.32954413	2.23377047	2.68160745	2.69740784	2.43263705
0	0	0.01099643	0.05608364	0.02453361	0.03622818	1.00E-04
0.012	0	1.78363569	1.16562719	1.52695144	1.69693193	3.16130768
0	0	1.00E-04	0.01352565	0.00387031	0.00243558	1.00E-04
0.004	0.004	1.64930751	1.68963011	2.15825576	2.19423797	1.58053293
0.004	0.008	0.21568249	0.36204273	0.22785453	0.448672	0.42738716
0	0	0.08318536	0.15959519	0.08573824	0.16128645	1.00E-04
0	0	0.36165511	0.44373155	0.43176988	0.48647529	0.24458809
0.056	0.061	2.17693499	2.38460838	2.46152731	2.54533543	2.50860386
0.063	0.049	2.12702174	2.11235516	1.68813554	1.87397478	2.23417325
0.111	0.082	4.04853796	4.18017935	4.23197774	4.07831711	4.90572427
0.167	0.09	3.99893826	4.11332628	3.69290332	3.80589616	3.69237811
0.278	0.328	5.22692766	5.20302572	5.06758157	5.10794704	5.33576141
0.127	0.127	2.59450702	2.75251679	2.85737408	2.93429892	2.78909066
0	0.004	0.0738904	0.17077282	0.07515189	0.09660287	0.33142764
0	0	0.07292502	0.08049822	0.0466527	0.09101733	1.00E-04
0.028	0.016	2.36906129	2.32973477	2.68895984	3.04966985	2.15509809
0.012	0.008	0.61509294	0.76025893	0.42818387	0.65064019	0.52220678
0	0	0.06609762	0.2759912	0.15953987	0.20046805	1.00E-04
0.083	0.119	3.3883159	3.3742663	3.52162306	3.76741719	3.0529298
0.012	0.025	2.59100167	2.59102651	2.34601282	2.64926345	3.15140817
0.004	0	0.35224066	0.26813406	0.11485867	0.16955155	0.04462784
0	0	0.00726191	0.07117947	0.04000179	0.0725292	0.34528063
0.02	0.02	0.04997336	0.13838027	0.11491774	0.08581006	0.35786485
0.286	0.209	4.93064235	4.09502785	4.795501	4.73585404	5.36894449
0.778	0.766	6.46911376	6.09462112	7.11671203	7.0881397	6.76578299
0.004	0	0.18351372	0.44324297	0.15976158	0.22327376	0.21969805
0	0	1.00E-04	1.00E-04	0.02139128	0.03101202	1.00E-04
0.087	0.07	2.69662258	2.46433165	2.99346566	2.98467054	2.76690687
0	0	0.09158398	0.09594444	0.06219692	0.11769652	0.29326723
0	0	1.00E-04	1.00E-04	0.00852412	1.00E-04	1.00E-04
0	0.016	0.56935724	0.61916621	0.45323788	0.46994665	0.73103528
0	0	0.04779519	0.05119398	0.02081727	0.02091135	1.00E-04
0.091	0.135	5.12556383	5.07855104	5.26775082	5.27151062	4.98247704
0.004	0	2.24963169	2.23275966	2.03948717	1.89378171	1.16041508
0.016	0.02	0.49608843	0.65795219	0.5348495	0.50827681	0.12067349
0.425	0.402	4.24900376	4.37630759	4.06076813	4.20576	4.17654092
0.274	0.217	3.8912054	3.7632403	4.08385555	4.16317015	3.92577159
0.071	0.07	2.60122799	2.84014441	2.94908374	3.01214847	2.75083463
0.083	0.115	2.31625264	2.41416687	2.7324996	2.79019114	2.61227479
0.746	0.623	5.90249941	5.83720562	6.00040848	6.12341128	6.19282794

0.714	0.676	5.96604228	5.95683923	6.05647281	6.0368025	6.15654239
0.063	0.086	4.11405783	4.22486243	3.58870835	3.71476481	4.41301187
0.052	0.07	2.08152344	2.12812759	1.85098411	2.05121475	2.13204996
0.087	0.111	2.01087199	2.13350086	2.53475819	2.5575984	2.16070421
0.02	0.008	1.4397738	1.20452471	1.46211552	1.37627775	1.31806688
0.008	0.004	0.55634434	0.61915407	0.6289228	0.62959659	0.40991386
0.143	0.09	3.47059169	4.19270373	3.13415737	3.33086641	3.38893202
0.024	0.074	3.16349421	3.33540704	3.0279178	3.28764284	2.98230161
0.063	0.029	0.79051645	1.27435576	0.59720346	0.53690036	1.12886572
0.123	0.119	2.83619555	2.9030894	2.40169838	2.61639465	2.85283785
0.032	0.037	1.63373217	1.71088786	1.39176513	1.72006257	1.84503667
0.02	0	2.60683782	3.0565723	3.14252149	3.16352593	2.54550327
0.079	0.115	2.04049873	2.18431242	2.79593511	2.71483582	2.0319249
0.087	0.098	3.57762371	3.89180624	3.71848942	3.80673806	3.61007371
0.091	0.09	1.75060998	2.28382428	2.23992376	2.33645236	2.26150345
0.06	0.016	4.86072756	4.71330212	4.52048631	4.66869789	5.10528932
0.004	0.012	1.00E-04	0.0273201	0.00457895	0.01417224	1.00E-04
0	0	1.00E-04	0.00552939	1.00E-04	1.00E-04	1.00E-04
0.075	0.078	2.06658731	2.01366632	2.18900058	2.32425134	2.09948711
0.012	0.033	1.94417281	1.83593766	1.72183015	1.82772004	1.77135544
0.452	0.467	4.89253393	5.00078151	4.61560286	4.74063351	4.79124663
0	0	0.21207248	0.18843688	0.20579909	0.24651284	0.22305822
0.143	0.131	0.56260003	0.83414265	0.75506666	0.54386841	0.30705991
0.032	0.033	2.57413076	2.62118742	2.92901828	2.93108869	2.86518756
0.31	0.266	6.13755237	6.48638763	6.3018455	5.97474197	5.82397806
0.075	0.082	0.96444368	1.01668625	0.48115207	0.48735339	3.88841821
0	0.004	0.14931419	0.11900647	0.09365643	0.0895859	1.00E-04
0.008	0.016	0.32604738	0.27937817	0.1694246	0.16520613	0.5836904
0.075	0.098	2.85566334	2.42503005	2.06548713	2.29325003	1.01040341
0.012	0.004	3.01592432	3.42668034	2.70334675	3.23668312	3.7694554
0	0	1.00E-04	0.05723726	0.02530119	0.0156256	1.00E-04
0.012	0.016	1.94114921	2.61925283	1.66778048	1.69903941	2.23094483
0.004	0.004	1.00E-04	0.09822988	0.02143764	0.0261565	0.29401306
0	0.004	0.19050444	0.04592348	0.042442	0.03147827	0.15604872
0.067	0.045	1.49592447	1.84677662	1.5855309	1.55301808	2.71401043
0.171	0.143	4.41673803	4.43833674	4.33052728	4.35908461	4.66445896
0.02	0.004	2.92706105	3.88173138	3.34760266	3.20950077	2.50660919
0	0	1.00E-04	0.00413075	1.00E-04	1.00E-04	1.00E-04
0.175	0.143	0.08412152	0.15934532	0.09966259	0.18746489	1.27474927
0	0.004	0.85404497	0.69101981	0.4805023	0.61811418	0.3053736
0.008	0	0.73792601	0.78188401	0.598234	0.62024759	0.78325581
0.004	0	0.28832412	0.52701859	0.45023462	0.46815658	1.52854925
0.008	0	2.99516096	2.57834691	2.68228683	2.76122873	0.35556363

0.008	0.012	0.69688947	0.8265077	0.69814631	0.8189051	1.03113901
0.036	0.037	0.17640147	0.21905598	0.11050124	0.15818592	0.04319948
0.004	0.004	0.8102688	0.78893251	0.96380379	1.21259751	0.95322448
0	0	0.07436721	0.10892893	0.04441539	0.06695618	1.00E-04
0	0	0.08563106	0.17131444	0.12588882	0.15314111	0.14681636
0	0	0.15697958	0.10504707	0.08280546	0.09000104	1.00E-04
0	0	0.27643179	0.39746264	0.39263787	0.28311967	0.13540478
0	0.004	0.01412318	1.00E-04	0.01305111	0.00827855	0.08799856
0	0	1.00E-04	0.00409519	0.0356203	0.01263996	1.00E-04
0.111	0.094	2.1443306	2.60443797	1.91764174	2.33793146	1.62344887
0.008	0.02	0.27916977	0.23978848	0.1600635	0.19248545	0.23224236
0	0.004	1.00E-04	0.03542677	0.01710733	0.05626449	1.00E-04
0	0	0.02129862	0.02582075	0.06296939	0.04292486	0.14904312
0.004	0	0.7538625	0.40305023	0.21564017	0.2410361	0.54351785
0.004	0	1.00E-04	0.01284388	0.01756937	0.00802799	1.00E-04
0	0	0.16071511	0.27666268	0.16847245	0.24098905	0.14298657
0.044	0.029	3.81877037	3.99135212	3.99071766	4.15518131	4.05784994
0.004	0.004	1.99086195	1.93633832	2.15501191	2.38693185	0.91518271
0.067	0.066	3.61330826	3.59974223	3.46608216	3.54881072	4.30815523
0.036	0	3.62584216	3.61821862	3.83805981	3.95836273	4.10604981
0.317	0.324	4.37898974	5.05325485	4.2927316	4.47610739	4.57761795
0.044	0.041	3.60880977	3.71556208	3.28462474	3.45990735	4.13318
0.016	0.016	1.12678259	0.98121374	1.01487184	1.11236806	1.27192033
0.008	0.016	1.44881343	1.47068196	1.24573131	1.48776752	1.71386917
0.024	0.02	1.14345715	1.14462811	1.31268498	1.49382036	1.29997575
0.048	0.053	2.72149309	2.93323078	2.45621839	2.61555328	2.63975024
0.052	0.016	2.12250139	1.88461648	2.65584873	2.64194367	2.18635477
0.032	0.037	1.82029028	1.96476517	1.81091387	1.92335779	1.85809382
0	0	0.02547421	0.01394738	0.02305873	0.01560203	1.00E-04
0.028	0.02	3.3201686	3.28182616	2.88158647	3.19975116	2.23155676
0.008	0.004	0.94596437	0.81339827	0.47356699	0.40857728	1.07732807
0.151	0.156	0.66639262	0.8611133	0.66232037	0.63233477	1.84393458
0.004	0.004	0.56545462	0.44252265	0.76101815	0.8218966	0.66833218
0	0.004	0.98576155	1.21156711	1.50207774	1.40793709	0.21146879
0	0	0.31884377	0.4669427	0.32950079	0.42431074	0.48537685
0.286	0.295	4.60562768	4.75445499	4.36423878	4.43696737	4.70701411
0	0	0.12219655	0.21945592	0.08635538	0.12454866	1.00E-04
0.456	0.443	2.17253158	2.44825049	1.89962758	2.04983286	2.42820165
0	0.004	0.01270512	0.07834659	0.05792625	0.07898001	1.00E-04
0	0.008	1.00E-04	0.01314114	0.01213001	0.01132583	1.00E-04
0.44	0.426	5.24382008	5.62120173	4.97372713	5.26099117	4.86230442
0	0	0.05509031	0.07975059	0.07817296	0.0883156	0.12079113
0.337	0.303	2.90723269	3.02337305	2.71950029	2.93345813	3.54731356

0.008	0.02	1.43833985	1.05769252	0.59097737	0.75333995	2.59808094
0	0	0.0059646	0.1808119	0.06904359	0.09189565	1.00E-04
0.012	0.02	4.36025397	4.15910748	4.1457029	4.30099626	4.1461424
0	0.004	0.33108797	0.3611176	0.1874668	0.1664268	0.24741287
0	0	1.00E-04	0.00643133	1.00E-04	0.00219311	1.00E-04
0	0	0.0091815	0.02545615	0.01937681	0.01346313	1.00E-04
0.008	0.004	1.77756633	1.45739374	1.39321347	1.4474815	2.46061284
0	0	0.4809535	0.23275391	0.19558186	0.25416097	0.05703764
0	0	1.00E-04	0.03509732	0.0149344	0.03337826	1.00E-04
0.04	0.057	4.57690856	4.41108531	4.24782618	4.47410213	4.7462992
0.048	0.029	3.81728892	4.36732927	4.27912714	4.2921112	4.44346623
0.004	0	1.43611377	1.16915068	1.91510089	1.70207678	2.36329412
0.706	0.635	5.3821157	5.40401362	5.25866711	5.05585659	5.93721902
0.02	0.02	0.96916318	1.68247745	1.00318007	1.07600516	1.00E-04
0	0	0.10356048	0.10457627	0.04439361	0.06053805	0.13647378
0.087	0.082	3.321681	3.58400676	3.29118238	3.53057499	3.38818839
0	0	1.00E-04	0.01982094	0.01155979	0.00267212	1.00E-04
0	0.012	3.92582416	3.39963687	3.64164298	3.43136226	1.63334322
0.02	0.02	0.01861087	0.15314268	0.0719296	0.11537836	0.68091278
0.012	0.008	0.78814612	0.67221116	0.64755252	1.01807336	0.70378054
0.008	0.016	0.89355722	0.62849871	0.88647519	0.6216923	1.21499113
0	0	1.00E-04	0.01364991	0.01973324	0.02057769	1.00E-04
0.119	0.107	1.75212191	1.71865247	1.15213252	1.36104517	3.67665239
0	0.004	0.27925424	0.16898636	0.20647957	0.15691885	0.79510759
0	0.004	0.38179698	0.1513555	0.20689279	0.22342241	0.52499465
0.024	0.02	0.75653577	0.86904995	0.53501456	0.73130406	1.62047539
0.016	0.025	0.49794552	0.73928963	0.6330626	0.66521699	2.07179327
0.004	0	1.03271999	0.6860223	0.50252588	0.59338934	1.07009357
0	0	1.00E-04	0.01128049	1.00E-04	0.0044081	1.00E-04
0.008	0.004	0.60481172	0.98665154	1.1183691	0.77825834	0.91760742
0	0	1.00E-04	1.00E-04	0.00930871	0.02244433	1.00E-04
0	0	1.00E-04	1.00E-04	0.01010488	0.01263045	1.00E-04
0	0	0.0471938	0.08931691	0.06937207	0.14061747	0.04371219
0.151	0.16	3.82323312	3.69514333	4.43045809	4.43883938	4.02012204
0	0	1.00E-04	0.03776586	0.04504481	0.15885321	1.00E-04
0.024	0.02	1.1112087	1.08767004	0.91190336	0.85540863	0.11837469
0.004	0.004	0.01087632	0.09555143	0.05782082	0.10367197	0.25513767
0.119	0.148	3.5671502	3.62099349	4.1527282	4.21576492	3.28549682
0	0	0.34204217	0.37937922	0.18661512	0.11944042	0.68236207
0	0	2.5881234	2.34917441	2.72864662	2.35066085	0.48326796
0.135	0.135	3.55443388	3.64526689	3.90160548	3.94800091	3.68950705
0.266	0.336	5.63983524	5.77313	5.58879947	5.74151048	5.4337381
0	0	0.76880455	1.04527318	0.92603406	1.18088994	0.15285155

0.433	0.467	5.82176299	5.97037705	5.52562487	5.66304354	5.55699944
0.004	0.004	1.5315408	1.78407728	2.50864335	1.95978108	1.82523231
0	0	1.00E-04	1.00E-04	1.00E-04	0.00738041	1.00E-04
0.008	0.008	0.19571929	0.36428609	0.32554924	0.41799709	0.57306292
0.393	0.434	4.2878407	4.40068382	3.93093165	4.2309933	4.37333122
0.087	0.127	2.773161	2.89235531	2.67718584	2.87004335	2.60572534
0.012	0.041	2.31344052	2.22066541	2.72577559	2.81944566	2.36686706
0	0	0.96122534	0.47124336	1.07417019	1.13389246	1.29866622
0.02	0.033	0.32056992	0.32903672	0.20939111	0.1855354	1.57345635
0.258	0.197	7.61204984	6.76728989	6.76321431	7.51240406	7.76260905
0	0	1.00E-04	0.02291823	0.05406769	0.05531315	0.26732294
0.147	0.127	3.83383362	3.9462966	3.76004954	3.94680062	3.89444775
0.079	0.057	3.14792878	2.95955306	3.43100675	3.40185107	3.07115635
0.103	0.148	2.79404858	2.91172867	3.31035333	3.3360546	2.95942809
0.095	0.131	1.90643093	1.93059068	1.99226076	2.22066298	2.25344963
0	0	0.03218792	0.00335889	0.02359636	0.038246	1.00E-04
0	0	0.07141959	0.02476358	0.02109316	0.02945762	1.00E-04
0.004	0.012	0.1766237	0.28831655	0.32946144	0.19554354	0.08846465
0	0.008	0.08945341	0.22672349	0.0769027	0.12582399	0.1424425
0	0	1.00E-04	0.12202169	0.09190853	0.08076957	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0.045	0.25183695	0.10211458	0.30180582	0.4688626	1.95881491
0.028	0.041	0.15280273	0.16668809	0.16996038	0.15304776	0.96292095
0	0	1.00E-04	1.00E-04	0.0041358	1.00E-04	0.36926215
0.151	0.115	3.30461942	3.47401186	4.03495924	3.8912159	3.53584128
0.099	0.111	2.35826257	2.44712993	2.56224785	2.59708634	2.49381955
0.214	0.197	3.40065333	3.23130259	3.53702505	3.57685544	3.67744649
0.02	0.02	1.498914	1.53686484	1.6728468	1.84311487	1.22463714
0	0.004	2.26381343	2.22836744	2.09993672	2.16935564	0.37069176
0.004	0	0.02762725	0.01528728	0.01654449	0.02874605	0.06890216
0.325	0.287	3.91106544	4.01312728	3.69314316	3.72962652	3.92047842
0.071	0.037	1.41462503	1.72145501	1.23459204	1.309123	1.63486333
0.012	0.008	3.03079915	2.87289867	2.65133184	2.70541414	0.93143411
0.024	0.02	0.02867053	0.03906592	0.00444739	0.02747693	1.00E-04
0.028	0.02	0.10459404	0.12101003	0.11542676	0.10300085	0.12295672
0.194	0.143	4.2259497	4.36146019	3.52519019	3.54464785	3.94342452
0.595	0.545	5.56710236	5.86846747	5.1465505	5.2744689	6.06287901
0.012	0.004	1.80355765	1.66839482	0.60427063	0.80226669	1.4287997
0.385	0.488	0.99284997	0.9791862	0.49436747	0.70093503	3.50242999
0.54	0.516	5.32512798	5.55035922	5.24849692	5.41466682	5.41884317
0.115	0.094	3.85913328	4.17159642	3.5534425	3.78086476	3.98495989
0.155	0.18	3.82789008	3.84031032	3.50386095	3.73258176	3.87910507
0	0.004	1.3089178	1.48134421	1.56939689	1.70610468	1.1889469

0.405	0.311	4.50570604	4.66252912	4.45362205	4.46651994	4.90154288
0.119	0.123	2.7003253	2.96133838	3.3529145	3.26095416	2.95019955
0.044	0.057	4.14242484	4.32209721	3.63004552	3.77046171	4.46507486
0.052	0.057	1.63613348	1.58299508	1.55207185	1.67702221	1.58618032
0.044	0.041	2.4349514	2.46748802	2.31445435	2.35894272	2.14012167
0.004	0	0.26441438	0.23417595	0.20285389	0.22850536	0.07976919
0.016	0.004	1.09128195	1.31481384	0.94650064	1.18852843	1.54625742
0.032	0.033	1.49765648	1.62433721	1.21734855	1.46672395	1.10766997
0.008	0.008	1.27539328	1.20983362	1.16125623	1.32378405	1.26456355
0.024	0.045	0.94146797	1.09366174	0.87330981	1.08263921	1.08145769
0.452	0.393	4.88812135	4.94758524	4.80701109	4.87479213	4.78445573
0.056	0.057	1.77500108	1.74943958	1.73882812	1.91930187	1.73430165
0.187	0.184	3.67862226	3.61143637	3.71851688	3.80856981	3.81121855
0.21	0.217	3.46354336	3.42411104	3.24682002	3.45816453	3.61427967
0.099	0.107	2.631775	2.81438102	2.66811128	2.7851777	2.93399601
0.016	0.012	0.74949758	0.96458154	0.896051	1.03046309	1.00563008
0.004	0	0.12297589	0.21986249	0.10840537	0.10931942	0.22837909
0.095	0.094	2.35155102	2.64228988	2.27139541	2.40975925	2.47049373
0.321	0.205	4.39029847	4.36587334	3.89094512	4.01147945	5.15979919
0.187	0.221	3.84696239	3.85706283	3.6305431	3.92693476	3.96088806
0.067	0.061	2.19091557	2.36224444	2.82452934	2.86353209	2.35666003
0.067	0.078	3.68297656	3.66785738	4.27290445	4.17583082	4.03507723
0.25	0.242	4.89224522	5.09441139	4.93525185	4.98192528	5.12680095
0.286	0.23	4.6448454	4.59179343	4.05869799	4.0768642	4.74888081
0.119	0.094	2.37897849	2.27067404	2.46222814	2.49406597	2.71170772
0.544	0.434	5.29128899	5.3857278	4.89214157	5.05196689	5.12266023
0.004	0.041	0.201649	1.00324404	0.85024372	2.28799576	0.59319737
0.024	0.02	0.60658677	1.34601285	1.05111337	1.06687287	0.12264202
0.004	0	0.79504297	2.07017239	0.84894494	1.00400796	0.79007322
0	0	1.00E-04	0.01949372	0.02439592	0.01274993	1.00E-04
0.397	0.352	4.8166456	4.96901471	4.42764081	4.56088242	4.88115279
0	0	1.00E-04	1.00E-04	1.00E-04	0.00343731	1.00E-04
0.115	0.061	4.17591061	4.14374716	4.9488599	4.8607691	4.21845813
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03850389	0.0490931	0.04755227	0.03758563	1.00E-04
0.421	0.279	4.23343622	4.31278896	3.99295589	3.96811435	4.29831809
0.028	0.049	2.03097466	1.9276853	2.5776083	2.53544416	2.15340972
0.139	0.094	3.58739055	3.50558607	3.58601876	3.67800372	3.73639481
0.278	0.279	4.16771894	4.21106198	3.70678813	3.93101841	3.67332556
0.095	0.078	2.7174509	2.47948702	2.25649491	2.15384382	2.48269141
0.567	0.496	4.4619313	4.48728903	4.06370574	4.2530929	4.6884346
0.583	0.656	6.27201946	5.87357385	5.63330838	5.71485862	6.58055179
0.016	0.025	3.83709585	3.4606404	3.82328187	3.89525762	3.12264616

0.579	0.561	6.75303265	6.76926075	6.34875476	6.27550709	6.9450537
0	0.004	0.27798769	0.74215542	0.41112078	0.36859762	1.76861142
0.226	0.184	3.6554313	3.57727406	4.35334371	4.05481748	3.74408831
0.139	0.115	3.18632599	2.97781209	3.46442465	3.27000731	3.49364909
0	0	1.00E-04	1.00E-04	0.00654811	0.00248663	1.00E-04
0	0	1.00E-04	0.01428842	0.05778362	0.03137034	1.00E-04
0	0	1.00E-04	0.0285469	0.01121687	0.01148699	1.00E-04
0.131	0.148	3.47146724	3.60369388	3.66959383	3.72309342	3.44116953
0.258	0.102	5.56982719	5.3072625	6.417178	6.30113924	5.97170837
0	0	0.03542848	0.03221123	0.04308893	0.0455332	0.23909084
0.091	0.057	2.50613162	2.49735916	2.75401987	2.81190005	2.57586944
0.02	0.016	1.69956738	2.07469163	2.13781872	2.11631985	1.81296108
0.016	0.008	1.4966588	1.61727074	2.14852531	2.11781972	1.56778279
0.044	0.061	4.26308605	4.30912348	4.35363013	4.50020423	3.79029433
0.19	0.164	4.62398509	4.87123045	4.80795117	4.74058363	4.89893745
0.25	0.225	3.44627859	3.47882261	4.24180797	4.12313419	3.82967973
0.087	0.102	2.45711201	2.43547366	2.9018418	2.95459266	2.77726609
0.23	0.184	3.41088557	3.52517042	4.11343889	3.96671698	3.52370921
0	0.008	0.22859796	0.16893963	0.1867437	0.19395173	0.05969072
0.004	0.004	0.36760223	0.65554041	0.43649151	0.28911286	1.5962329
0	0	1.00E-04	0.04526936	0.0068017	0.02532119	0.03603092
0.008	0.004	0.54979871	0.46847161	0.51228111	0.71712209	0.61417076
0	0	0.06827433	0.2141684	0.10788488	0.0664157	0.13467286
0	0.004	0.90654112	1.02094327	0.61044735	0.7857417	0.4310491
0.115	0.082	3.60542062	3.64930671	3.78899411	3.74055188	3.83315592
0.123	0.135	3.4830443	3.53269071	3.90498857	3.93059876	3.34469674
0.004	0	1.3771878	1.27559887	1.68573214	1.56826218	0.8625497
0.02	0.008	0.55552938	0.86584996	0.60934014	0.80389305	1.03744633
0.083	0.041	2.15157941	2.1317899	2.75738987	2.67527716	2.50567345
0	0.004	0.8452949	0.98905172	0.48378774	0.52522688	0.81797138
0.008	0.004	1.96369192	2.1207412	1.41210559	1.6037147	1.50184352
0.012	0.029	3.17895316	3.45538745	2.88496603	3.34193714	2.53314736
0	0	1.00E-04	1.00E-04	0.00173999	0.0231669	1.00E-04
0.087	0.098	2.58511354	2.69963905	2.66817621	2.77415886	2.94918877
0.401	0.369	4.1897816	4.37225452	3.86472015	4.16104254	4.28595155
0.194	0.176	3.30219132	3.1031621	3.01330358	3.1291239	3.31795831
0	0	0.87460489	1.30397024	0.91969373	0.92623985	0.39827306
0.929	0.877	7.04871516	7.38050464	6.7268581	6.66395003	7.15955313
0.004	0.016	0.54499304	0.74136863	0.82134594	0.76859453	0.81547797
0.139	0.164	3.19980845	3.15140399	3.14001709	3.07154439	3.77647858
0.008	0.004	0.9642711	0.69712008	0.44833207	0.51817332	4.13927368
0.004	0.004	0.64890782	0.83476373	0.57486915	0.71922281	0.71543881
0	0	0.09979292	1.00E-04	0.11264687	0.13624966	0.05331929

0.159	0.135	1.86412168	1.4287738	1.58021744	1.66891646	1.55266221
0.008	0	1.49065637	1.50875562	1.05661484	1.32137691	1.757809
0.206	0.197	3.78862355	4.10990682	3.61686273	3.87166128	3.78189284
0.135	0.139	3.21473437	3.32625118	2.98479268	3.31255474	3.38073159
0.286	0.217	3.87259936	4.06355402	3.878427	3.94533846	3.93423157
0.571	0.553	6.44969908	6.25253925	6.20907814	6.20536007	5.79120025
0.06	0.049	2.83834174	2.94408683	3.51433044	3.46137424	2.93516033
0.266	0.213	3.46117835	3.34664869	3.63598329	3.57642011	3.80164963
0.194	0.16	4.13174329	4.23769463	4.48294645	4.32872558	4.57191744
0.5	0.467	3.88365666	3.97590355	3.68188973	3.88875288	4.10911916
0.02	0.041	1.15377216	1.50818883	1.33747111	1.53060359	1.39315058
0.21	0.172	4.55514345	4.49932865	5.33495475	5.28543478	4.71770644
0.179	0.168	4.52029462	4.65010412	5.30601985	5.17455119	4.95267485
0	0	0.27345432	0.60647889	0.30052793	0.35260029	0.12489713
0	0	0.02195194	0.03805372	0.01606401	0.02568745	1.00E-04
0	0	0.01847355	0.06178411	0.04009483	0.04950024	1.00E-04
0	0	0.04255749	0.03398781	0.01880279	0.04834105	1.00E-04
0	0	0.11318058	0.22120069	0.25939694	0.33519	0.04616468
0.171	0.078	3.35071904	3.38861902	4.64603497	4.36635119	3.47826368
0.008	0.008	0.28166874	0.60322423	0.57137397	0.51748613	0.1602058
0.099	0.09	2.61983768	2.80038142	2.9326618	2.94885245	2.87070394
0.032	0.025	1.82035733	1.90867831	2.11299715	2.26514172	1.74157628
0.107	0.139	2.64533515	2.74656932	2.78181307	2.89506774	3.02294673
0.837	0.795	6.13714361	6.1550186	5.43572022	5.64772053	5.66170736
0.052	0.041	2.03450137	1.97084807	2.21944627	2.37379522	2.13240623
0.008	0.008	1.86156551	1.72759855	2.14592084	2.20080207	1.97942625
0.075	0.07	3.49446498	3.44766686	3.93892352	3.73827305	3.4174405
0	0.004	0.26932182	0.07319943	0.06563235	0.13103878	1.00E-04
0	0	1.00E-04	0.01802162	0.00396847	1.00E-04	1.00E-04
0.151	0.139	5.64094972	5.61924748	5.3295169	5.40629832	6.33618713
0.083	0.057	2.28710699	2.40049491	2.67386526	2.66076759	2.64283548
0.095	0.09	2.55107555	2.44233221	2.44960278	2.66366561	2.64366614
0.155	0.086	4.43083861	4.31893997	4.94956521	4.84883211	4.294397
0	0	0.49729877	0.32144282	0.24735658	0.2940767	0.65110709
0	0.004	1.00E-04	0.03490583	0.01690346	0.04048388	0.36506293
0	0.004	1.00E-04	0.07944341	0.10993834	0.06509409	1.00E-04
0	0	0.17740824	0.10433869	0.16113262	0.20786494	0.43975039
0.016	0.008	0.60854037	0.66844308	0.70458958	0.83648068	0.92194656
0.524	0.32	6.87191182	6.65865708	7.48510505	7.42451891	6.68499379
0.04	0.016	1.10218967	1.51391876	1.33619173	1.11969004	0.20336866
0.151	0.086	3.1610494	3.16342624	3.39688763	3.45963621	3.35084852
0.06	0.041	3.69395571	3.76927994	4.11034348	4.14230038	3.48478181
0.004	0	0.63830576	0.84958181	0.92934659	0.97415835	0.66980851

0.044	0.033	3.13358522	3.07446393	2.87652936	3.06076032	2.50872816
0.024	0.045	2.28874614	2.11621389	2.29165494	2.30567369	2.09081129
0.036	0.02	2.4064131	2.23631086	2.52440857	2.50622222	2.22209114
0.056	0.045	2.08433055	2.84019042	1.82734362	1.82376068	2.14709117
0.214	0.201	4.6490938	4.63673134	5.30601168	5.14526887	4.56700177
0.349	0.455	5.2740099	5.15371371	6.14511455	5.98164719	5.42300248
0	0	0.0112999	1.00E-04	0.00582078	0.02526142	1.00E-04
0.016	0.025	1.08033118	0.90974965	1.32792873	1.20298474	0.58033277
0.048	0.033	1.85442998	1.92151653	2.12557232	2.09260324	1.57198908
0.048	0.074	1.96215912	1.87824922	1.85970458	2.02250378	1.87650676
0.056	0.041	1.71924664	1.73427855	1.9806143	2.02921759	1.98552164
0.254	0.238	3.3145557	3.37001959	3.34004276	3.38826631	3.39385055
0.075	0.041	2.81290122	2.96045346	3.05330337	3.23783497	2.81596937
0.04	0.029	2.65930163	2.43506051	3.06124459	2.95875254	2.37060726
0.048	0.057	2.13045392	2.22494816	2.85520711	2.77946115	2.29630161
0.155	0.139	3.56500176	3.51207878	3.64802714	3.72256332	3.40654205
0.123	0.213	2.97286294	3.13436307	2.69223846	2.96649389	2.94582704
0.139	0.152	3.23788833	3.28955963	3.10220421	3.36880298	3.12946005
0.115	0.082	3.75812044	3.85908395	3.49523537	3.57174701	3.36691867
0.012	0.02	2.48698239	2.59157954	2.11608175	2.47570398	1.94737858
0.004	0	0.04302769	0.06514706	0.0637756	0.13321771	0.09772436
0.004	0.004	0.03908386	0.04262663	0.01592745	0.0373638	1.00E-04
0.131	0.086	2.5657103	2.92314523	2.31545918	2.63258886	2.71195565
0.06	0.02	1.62339742	1.72064878	2.24536163	2.21455228	1.79911474
0.056	0.053	2.41907878	2.55087123	2.66958899	2.84661241	2.43303975
0.024	0.041	1.7279501	1.94243689	2.02000086	2.17851349	1.88106319
0.19	0.143	3.15869742	3.22840561	3.14339594	3.37626435	3.39510857
0.012	0.008	1.27104749	1.33396127	1.34823586	1.3983061	1.26516031
0.294	0.242	3.91381511	3.7923133	4.78741014	4.68319387	4.05250737
0.087	0.098	2.667197	2.58477358	2.46838107	2.68721149	2.73724783
0	0	1.00E-04	0.02410259	1.00E-04	0.00734828	1.00E-04
0.234	0.168	3.52612525	3.66562665	3.10194444	3.37122146	3.60169694
0.028	0.008	1.62588797	1.89008156	1.83730438	2.10843388	2.00697438
0	0	1.00E-04	0.02560558	0.09236548	0.06783967	1.00E-04
0.004	0	0.2651447	0.06294664	0.0824847	0.26757647	1.00E-04
0.004	0	0.08201189	0.17738437	0.37633594	0.25894189	0.12020747
0.06	0.049	4.7654613	4.45469828	4.98374842	5.06563984	4.90846406
0.282	0.201	5.41723078	5.37341374	6.33217524	6.02872244	5.70496379
0	0	0.27935824	0.1313534	0.20567459	0.23049522	0.3301839
0.21	0.242	4.97379533	5.33812267	4.68235795	4.94709943	4.66213925
0.012	0.012	0.10513709	0.15946216	0.09256908	0.17856926	0.53207498
0.048	0.008	2.87201762	3.38895224	2.62431172	2.63198975	2.86536242
0	0	0.06901276	0.13956545	0.12539893	0.19871613	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	0.02979011	1.00E-04
0.083	0.082	2.8035933	2.92820676	2.46979192	2.73398582	2.75965604
0	0	1.00E-04	0.01063459	0.0143614	0.01238287	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.06375624	0.02429345	0.02631794	0.03151752	0.04535278
0.012	0.008	0.25027015	0.27982846	0.24533278	0.30386989	0.22595818
0.091	0.07	2.23744262	2.16732543	2.80096516	2.75999136	2.69712124
0.032	0.012	2.23086346	2.27436111	2.58066101	2.56809975	2.09442305
0	0	1.00E-04	0.00395246	1.00E-04	0.01773451	1.00E-04
0	0	0.07867418	0.0581387	0.06431578	0.11782662	0.1072504
0.349	0.32	5.49636478	5.7135021	5.22741885	5.38595453	5.18514577
0.25	0.25	3.96736583	3.96041553	4.18147215	4.00753546	4.15880939
0.008	0.004	1.04368366	1.37426952	1.59902125	1.58547839	1.11626505
0.012	0.016	2.64945367	2.99802055	3.04691792	3.13047507	2.80906839
0.004	0.008	0.35381736	0.63971336	0.38407451	0.48168161	1.04290089
0.008	0	0.78930544	0.72536857	1.10273715	1.28352503	0.64154088
0	0	0.7338616	0.58465957	0.60037558	0.74260897	1.22632253
0.194	0.25	3.72411686	3.76710118	3.61520287	3.7826077	3.67075881
0	0	1.00E-04	0.00404545	0.0280243	0.0098315	1.00E-04
0.028	0.008	1.25052779	1.67850218	1.24043611	1.42312392	1.35488858
0.004	0	1.00E-04	0.00946639	0.014673	1.00E-04	1.00E-04
0.02	0.025	3.68296935	3.32410613	3.8112244	3.80499334	3.19743581
0.008	0	1.41886693	1.40781265	1.87619801	2.01947714	1.5281781
0.19	0.18	2.97221118	3.2193727	2.69871015	2.89077092	3.44093064
0.099	0.094	3.02010198	2.95995338	2.99951104	3.12224815	3.18131146
0.036	0.02	1.89145366	1.93395925	2.26016025	2.38696272	1.90939557
0.111	0.119	2.73931083	2.94660529	2.78833094	3.05446468	2.72060951
0.008	0.004	0.10767801	0.23438969	0.1858467	0.17406103	0.35766317
0.052	0.012	4.79499649	4.75368845	4.36259632	4.52947361	3.86288324
0	0	1.00E-04	0.11721279	0.03355399	0.04891068	1.00E-04
0.032	0.033	1.67779882	1.67548098	1.84035391	1.9740848	1.73839553
0.004	0.008	0.46326171	0.57249544	0.44587473	0.47139994	2.36849822
0	0	0.04956506	0.09310671	0.0418303	0.05456859	0.05667114
0.083	0.066	2.20323442	2.27510516	2.18128103	2.39907455	2.11933177
0	0	0.62168121	0.19738238	0.07788253	0.09632815	0.7083354
0.052	0.045	1.45775154	1.62768888	1.07547092	1.55332484	1.10299977
0.095	0.078	1.24251142	1.55947618	0.94964445	0.98684172	0.54523992
0.226	0.217	3.05328092	3.09074903	3.39061411	3.28641421	3.69069258
0.175	0.205	3.76849194	3.88546413	3.48327606	3.64363345	3.72377338
0.198	0.201	3.57716926	3.73885498	3.42021192	3.51122086	3.53005019
0.218	0.172	3.76065406	3.82311028	4.52354711	4.44015472	4.03577224
0.179	0.115	3.3247668	3.47446344	4.04609467	3.91827759	3.39493063
0.087	0.037	2.90607097	2.77484916	3.7612795	3.70805637	3.00458119

0.258	0.201	3.5704808	3.62693533	4.24784072	4.23828696	3.74248881
0.044	0.041	2.10222536	2.13177633	2.36457402	2.35748736	2.19968902
0.123	0.119	3.45751803	3.43450269	3.11649248	3.28818193	3.55097804
0.167	0.168	3.90262283	3.91949722	3.92388233	4.00173383	3.96865088
0.159	0.164	3.07485819	3.16997921	3.02621313	3.16946189	3.14097711
0.056	0.074	1.56220899	1.64159886	1.44602051	1.84864815	0.98119228
0.171	0.143	3.2851864	3.33712362	3.09346163	3.34921834	3.16159769
0.004	0.012	0.1622936	0.38341019	0.14536409	0.26404995	0.35545839
0.087	0.143	1.73968626	2.05530627	2.13330995	2.35584668	2.20206401
0	0	0.43669402	0.32017481	0.42010167	0.47553661	0.14992966
0.052	0.016	0.41237243	0.57485619	0.6785828	0.83237211	1.00100427
0.016	0.02	1.44894708	1.48462381	1.23523956	1.51320434	1.05551449
0	0	0.32578221	0.28027316	0.15712296	0.2438409	0.13294925
0.004	0	1.00E-04	0.04222911	0.02484034	0.10881029	0.04912566
0	0	1.00E-04	0.08389219	0.32267447	0.07569193	1.00E-04
0	0	0.31849167	0.47787839	0.35838702	0.53838741	0.64843941
0.004	0	0.39043704	0.51402346	0.41803045	0.49176659	0.90143972
0	0	1.00E-04	0.01262088	0.00541807	0.00328504	1.00E-04
0	0.008	0.29588572	0.36855026	0.34700384	0.32741903	0.6056616
0.012	0.012	2.3692157	2.29672401	1.52584181	1.94476949	0.76953805
0.401	0.303	1.46289521	2.23033641	1.05858941	1.24096844	3.58734104
0.119	0.102	2.65257592	2.90551703	2.32892637	2.61391714	2.62012857
0.016	0.025	3.30554888	3.44687609	3.10830104	2.85544682	3.44592985
0.028	0.025	4.47382998	4.68532762	4.03466269	4.32871491	3.82515529
0	0	1.05871149	1.32780484	0.93680319	1.00207904	0.97534774
0.008	0	1.032251	0.80830229	0.23749989	0.29007445	1.83769662
0.317	0.27	5.03750705	5.40797147	4.7571616	4.96791618	4.79765199
0.218	0.213	4.22989834	4.34347572	3.86978792	4.14090549	4.55340981
0.417	0.381	4.3530366	4.75918628	4.14403553	4.27184464	4.52239854
0	0	0.49215671	0.48879755	0.33057398	0.4672898	0.23437228
0	0.016	0.72078929	0.72040981	0.64711247	0.8137199	0.3518464
0.179	0.107	3.54400208	3.50423762	3.41396168	3.46281665	3.73846691
0.012	0.016	1.83856742	1.77275721	1.54825304	1.79873025	1.59100385
0.107	0.061	4.02411069	4.12211766	3.79373172	3.83788413	3.61376259
0.067	0.078	2.02450061	2.05433452	2.13949038	2.26813751	2.24164663
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.369	0.332	4.63448437	4.71182978	4.53298311	4.53736047	5.02754592
0.841	0.832	5.62478431	5.73799934	5.24781854	5.43479997	5.89799944
0.853	0.857	5.93949398	6.15826012	5.85984446	5.77786223	6.09904514
0.198	0.172	3.58748922	3.63259674	3.50395027	3.71445593	3.87675422
0	0.004	0.22082708	0.34001638	0.18251897	0.16303708	0.30865189
0.226	0.242	3.43761045	3.62507867	3.03672428	3.42748601	3.4977917
0.103	0.152	2.63924651	2.82912126	2.88649772	3.05665591	2.90999755

0.016	0.041	1.37170797	1.37388445	1.40488867	1.63564521	1.19946805
0.599	0.553	5.68979563	5.90887894	5.28634457	5.47260954	5.53492772
0	0	1.92889961	1.88290021	1.60052901	1.55248278	1.93679739
0.008	0.004	1.36069518	1.1827003	1.6690019	1.79365577	2.69539795
0.004	0.004	0.49772072	0.63775041	0.50071713	0.62996401	0.57685445
0.004	0.008	1.48404712	1.80815495	1.15349261	1.44418338	1.37597338
0.147	0.139	4.32465343	4.31421439	4.33973831	4.34651967	4.09570206
0.206	0.303	3.1858355	3.36058531	2.98935175	3.19753661	3.28809557
0.405	0.41	5.00098788	5.36335462	4.64137133	4.53912316	4.726713
0	0	1.20602259	0.69986093	1.26141734	1.40279482	0.56806895
0	0.016	0.26488644	0.19427895	0.16003844	0.21989244	0.53038315
0	0	0.06935626	0.03468015	0.00659083	0.0487223	1.00E-04
0.008	0	0.1584708	0.39819767	0.37101635	0.3218703	0.07147026
0.052	0.053	2.64969201	2.97230873	3.41526116	3.5023211	3.47816829
0	0	1.00E-04	0.00366267	0.02149237	0.00760017	1.00E-04
0	0	1.00E-04	0.01865153	0.00228776	0.02489946	1.00E-04
0.032	0.029	0.13794881	0.2213178	0.13729972	0.19193782	0.24480949
0.004	0.004	0.95401232	0.85406761	0.75012539	0.8697174	0.77538319
0.012	0.004	0.25248849	0.42008435	0.56036206	0.50934128	0.50153171
0.103	0.111	2.45333306	2.41401438	2.88232097	2.82176889	2.47515759
0.087	0.09	2.65610451	2.71415155	2.7859629	2.88861823	2.66861512
0.004	0.004	0.03435204	0.08652865	0.07896108	0.12601452	0.05317596
0.083	0.102	2.55807917	2.69084592	2.53476508	2.67089133	2.80405512
0.98	0.951	5.4163841	5.55988115	5.0218193	5.28932917	6.358201
0	0	0.00895124	0.15104942	0.04807676	0.13576999	1.00E-04
0.087	0.111	2.76732425	2.91083581	2.7372556	2.88111878	2.67085036
0.048	0.061	1.88332697	1.91878867	2.38977395	2.39763453	1.87169629
0.012	0.033	0.97915557	0.90802499	1.06590469	1.1003624	1.86759252
0.04	0.037	1.69659349	1.71128964	1.50351518	1.62953591	1.69980156
0	0.008	0.07451794	0.15683757	0.10986664	0.17610139	0.41936026
0.036	0.057	1.77404096	1.93300452	1.92253462	2.02123073	2.10239141
0	0	1.41735385	1.64367432	1.26184791	1.3538928	0.69920973
0.337	0.434	3.61330384	3.60209173	3.32611164	3.45516425	2.96755776
0	0	0.09364112	0.08234314	0.02720343	0.02301517	0.12043186
0.004	0.004	0.22504362	0.36702233	0.29547575	0.37388925	0.24991816
0.02	0.02	1.88461114	2.0924555	2.07788748	1.88956911	1.62032529
0	0	1.00E-04	0.05272474	0.03076226	0.07664146	0.06057069
0.028	0.012	0.59607209	0.91311388	1.11906659	1.12065077	0.39413313
0	0	1.00E-04	0.29918012	0.2721589	0.28117344	0.05377483
0	0	0.15118688	0.05956452	0.03745459	0.03238141	0.11761613
0.024	0.02	1.60847349	1.85177071	2.2519694	2.21612121	2.20826253
0.23	0.23	5.31133172	5.52000087	4.90513315	5.05560496	5.02989137
0.008	0.008	0.71109189	1.00105981	0.82599931	0.7451004	1.32469912

0.111	0.139	2.84328168	3.09790187	2.78672253	3.04304467	2.90972547
0	0	1.00E-04	0.04431239	0.04652808	0.06055058	1.00E-04
0.028	0.025	3.34905343	3.41262532	2.99220037	3.23561487	3.00771497
0	0	0.25557845	0.2484739	0.19806939	0.21169197	0.29487057
0.258	0.213	2.5784503	2.66804441	2.64483955	2.8186006	2.70317735
0.004	0.004	0.59272223	0.94496783	0.67357942	0.8025972	0.3873097
0	0.008	0.14479635	0.26031499	0.19031505	0.23303632	0.14058053
0.19	0.156	4.6686904	4.8428642	4.31953148	4.35120212	4.45394518
0.008	0	4.17983572	4.2536568	3.99264965	3.8685242	3.25435746
0	0.004	0.11624185	0.1984202	0.14977677	0.15398775	0.24650106
0	0	0.08638098	0.19496584	0.17085983	0.21970493	0.2307222
0	0	0.00950974	0.02881414	0.01274672	0.03219382	1.00E-04
0.373	0.266	5.13530912	5.38032842	4.82946568	4.98741023	5.21115933
0.004	0.025	0.63720503	0.81101507	0.69189538	0.61602373	0.53294669
0.024	0.037	1.59620257	1.80159901	1.43106048	1.52236339	2.01602568
0.004	0	0.37115876	0.18865908	0.17279792	0.15101424	0.51901981
0.19	0.242	4.0873964	3.69455213	3.98547908	4.03428841	4.47301178
0.496	0.516	4.62765852	4.59865033	5.17878273	5.08743702	4.84643277
0	0	0.053567	0.03201516	0.02023262	0.01779379	1.00E-04
0.298	0.295	3.19952694	3.11398956	3.38921538	3.39530871	3.58069545
0.032	0.004	3.82538827	4.05850267	3.95414203	3.91838221	3.60405045
0.004	0	0.28825128	0.37975072	0.35373356	0.36336721	0.71025761
0.337	0.381	3.0627825	3.21829034	2.64531089	2.81889014	5.33019488
0.702	0.68	6.09466047	6.36743908	6.3657755	6.32627365	6.20353437
0	0	0.32862475	1.299675	0.34364087	0.56706286	0.43181262
0.139	0.135	4.51107087	4.22111937	3.94812721	4.57445775	4.57454498
0	0	1.00E-04	0.0394977	0.00920553	0.01606501	1.00E-04
0.377	0.361	6.16123126	6.20888636	6.56534019	6.50427923	6.20093405
0.06	0.029	3.03445415	2.93446036	3.48021703	3.51524665	3.81098456
0.115	0.066	5.404259	5.5506139	5.63952631	5.63748388	5.13255961
0.448	0.365	6.31470342	6.16672907	6.67830769	6.65379223	6.1692422
0.341	0.393	3.98550959	3.97183548	4.28596218	4.26354399	4.02931974
0.286	0.254	5.09365626	5.17669114	5.40303366	5.39398012	4.98548081
0	0.004	0.06360216	0.08309449	0.04473116	0.10606529	0.15055979
0.127	0.111	2.93034914	3.38840692	3.26043054	3.41609337	3.6705238
0	0	0.29438614	0.24444017	0.13270013	0.17226765	0.24077591
0.421	0.447	5.19776658	5.26769523	4.71916327	4.99234858	5.26741555
0	0.004	0.03110208	0.07360157	0.0231553	0.02890367	0.27742194
0.004	0.008	1.56821395	1.45833657	1.89385942	2.0201881	1.69867746
0	0	0.10851898	0.14517516	0.04553305	0.11091495	0.11930746
0.131	0.131	3.3308897	3.46874946	3.17393373	3.32625996	3.14098576
0.087	0.127	4.61102208	4.72517888	4.60583517	4.86246198	4.85569459
0.317	0.27	4.82466447	5.08682917	4.61700282	4.671065	4.54911523

0.048	0.033	2.74826943	2.60579028	2.73169512	2.77122228	2.67865191
0.111	0.111	3.18803041	3.28504998	3.49103554	3.55235161	3.10081699
0.004	0	0.09423234	0.2442989	0.2519983	0.27743861	0.04863736
0.167	0.156	2.86671657	2.98346618	3.75959667	3.74471275	3.03590234
0.373	0.25	5.10782937	4.99644103	5.75612578	5.71788584	5.12981282
0.016	0.016	1.98978848	2.24160357	2.06247377	2.08621746	2.25164068
0.139	0.131	3.22732543	3.27483494	3.23826015	3.40242013	3.49055599
0.139	0.086	3.98180966	3.92125402	3.75829204	3.92140941	4.22989243
0.425	0.418	4.3719804	4.66369395	4.35753282	4.39917197	4.53893409
0.214	0.23	4.16178422	4.23476752	4.85850382	4.71001113	4.3528955
0.167	0.139	4.35714893	4.52516128	5.13305592	5.12723101	4.58516779
0.516	0.447	5.42178442	5.60401071	5.11513682	5.18475847	5.43694674
0	0	0.14297321	0.11473255	0.14083463	0.18770394	0.74489354
0.167	0.209	3.85345435	3.86784215	3.75648914	3.87640456	4.09001106
0.119	0.156	3.25869204	3.23132171	3.39869201	3.62314914	3.45252292
0.06	0.086	1.83906405	2.34579051	1.94235645	2.17706384	1.64182364
0.218	0.176	4.17044328	4.46135981	3.95505013	3.99998976	4.09797536
0.119	0.074	3.09439056	3.34146281	2.88211129	3.06437137	3.18754702
0.067	0.049	2.42114828	2.4392709	2.8589957	2.8865382	2.62199966
0.198	0.148	3.87262356	4.07827767	3.62155907	3.77754688	3.98647248
0.028	0.061	2.09874555	2.16440194	2.43370128	2.51192231	2.14888461
0.127	0.107	2.67044117	2.97729579	2.61590073	2.85597723	2.87535364
0.056	0.02	2.28055172	2.41564515	2.6778347	2.75433946	2.30227117
0.167	0.119	3.62337446	4.20449643	3.95777588	3.79332433	3.45678823
0.02	0.074	1.90163541	2.0512131	2.19365118	2.37907647	1.6788341
0.04	0.074	2.49988586	2.84278669	2.56622661	2.71600449	2.74355761
0.183	0.16	4.4017071	4.33415179	4.14677722	4.28959112	4.71895211
0.016	0.008	2.75837446	2.18752905	2.22489295	2.49217982	3.061634
0.048	0.09	0.38800628	0.43957935	0.36493565	0.39470166	0.38979791
0.071	0.033	1.69966239	1.77623665	1.81916209	1.82985958	1.80160667
0.071	0.066	0.23722288	0.19372368	0.1120906	0.12910532	1.00E-04
0.29	0.275	4.77703226	5.02033492	4.49353379	4.57096807	4.34257419
0.024	0.008	1.05738178	1.35459406	1.16829578	1.31416475	1.23828245
0.278	0.295	4.27426236	4.43042864	3.99268948	4.1019479	4.39115652
0.004	0.016	0.92790156	1.01245323	0.98101173	0.87858875	1.24358587
0.008	0.012	2.28667547	2.15604933	2.34137216	2.60620952	2.39410204
0	0	0.10116179	0.22322948	0.07893629	0.10136419	0.2834478
0	0	1.00E-04	0.02132912	0.00518215	0.00639119	1.00E-04
0.052	0.025	2.3890134	2.38813595	2.9101508	2.90516929	2.49420946
0	0	1.00E-04	0.01526745	1.00E-04	0.02711005	1.00E-04
0.127	0.184	3.982347	3.32754756	4.62911131	4.50170013	4.20655286
0.036	0.02	1.56643131	1.71713583	2.15215572	2.23058544	1.67512635
0.123	0.078	2.9666117	3.15038585	3.60379304	3.615942	3.10647414

0.171	0.094	3.14178094	3.37153322	3.35323206	3.47436877	3.3456694
0.139	0.213	3.19008112	3.21511802	3.28078472	3.39810309	3.32836976
0.127	0.098	4.3910997	4.40600266	4.63499529	4.58815381	3.97988177
0.008	0.008	2.3207736	2.45273822	1.8581262	2.12897561	1.82351509
0.004	0.008	1.00E-04	1.00E-04	0.0085094	0.00168124	1.00E-04
0	0	0.32457269	0.08100499	0.05047441	0.05871893	0.04784254
0.369	0.357	5.63881465	5.8107468	6.05563712	5.93989482	5.80596754
0.19	0.156	4.02703003	3.89106693	4.56718911	4.45898909	4.04722744
0	0	1.00E-04	1.00E-04	0.01534486	0.0232364	1.00E-04
0	0	0.0798012	0.10269743	0.10659488	0.18217058	0.29555579
0	0	1.00E-04	0.00552114	1.00E-04	0.00175265	0.03040705
0	0	1.00E-04	0.00329628	0.00617815	1.00E-04	1.00E-04
0	0.008	0.05357566	0.12041279	0.14446575	0.25725082	0.13189223
0.008	0.012	0.38367869	1.75204104	0.84010684	1.0314819	2.10738285
0	0.008	0.09656861	0.36613985	0.18975909	0.31925775	0.6011148
0.151	0.18	2.56305468	2.78920122	2.81266773	2.72179599	2.97678999
0.024	0.02	0.52857766	0.4549512	0.49599186	0.60129139	0.52415201
0.044	0.09	1.39639155	1.69246456	1.31142962	1.48534292	1.39221685
0.198	0.193	2.93865662	3.38689409	3.46520925	3.48147445	3.04370774
0.206	0.217	2.32940039	3.23039957	2.72690792	2.83245651	2.43293485
0	0	1.00E-04	0.03977365	0.07742369	0.1012481	1.00E-04
0.083	0.127	3.69614475	3.45134636	3.73384336	3.6537445	3.81749009
0.925	0.68	7.98093586	7.77023766	8.97693457	8.71040205	8.26420154
0.099	0.041	5.59229707	4.80222135	5.84074586	5.48756325	4.31778939
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.325	0.213	6.11077842	6.21628218	6.93172218	6.83704563	5.92463447
0.008	0.004	0.02861856	0.12883001	0.06330176	0.04596074	0.04722741
0.869	0.643	8.15183109	8.33752333	8.98370334	8.75460688	8.31313673
0	0	1.00E-04	1.00E-04	0.0101452	0.01085931	1.00E-04
0.004	0.004	0.70795058	0.75417784	0.69822039	0.77543478	0.63270159
0.282	0.258	2.72580175	3.87179877	2.94034692	3.08926063	4.05547744
0.016	0.02	2.07531526	2.49045423	2.17629416	2.36299644	1.94426081
0.155	0.201	2.67907555	2.70154666	2.51227644	2.84513676	2.87945567
0.226	0.156	2.49299676	3.71834584	2.75576774	2.93317428	3.91540571
0	0	1.00E-04	0.01080763	0.01363786	0.03262839	1.00E-04
0.012	0.016	0.67426919	0.74731203	0.8995112	1.07693759	0.53356021
0.04	0.041	2.42848519	2.64347463	2.73386097	2.74977739	2.44571854
0.131	0.102	3.41020952	3.60445413	3.40020691	3.48224838	3.49194843
0.345	0.316	7.17202773	7.28506005	6.88645248	6.87284193	6.68482683
0.294	0.32	4.80587405	4.99691307	4.45050574	4.70715846	4.65049247
0.262	0.221	4.13594534	4.02242388	4.35099725	4.35805203	4.18535967
0.171	0.184	4.29171845	4.29747792	4.04001412	4.22758532	4.34623803
0.361	0.398	3.85755561	3.6132038	4.7256141	4.615319	4.53123967

0.107	0.102	2.71205435	2.83317487	2.90759682	2.99005373	2.91087555
0	0	0.1009915	0.11862647	0.07571525	0.06718185	1.00E-04
0.04	0.02	0.40085581	0.82650146	0.80321215	0.87709121	0.71289413
0	0	1.00E-04	1.00E-04	0.00211433	1.00E-04	1.00E-04
0.036	0.02	2.25066863	1.45894856	2.59279674	3.03767956	3.42954368
0	0	1.00E-04	0.02902666	0.00618985	0.00512884	1.00E-04
0	0.004	0.03756656	0.16268115	0.11332528	0.77922985	1.00E-04
0	0	1.00E-04	0.00782204	0.00330001	0.01605683	1.00E-04
0.008	0	0.30487505	0.62738268	0.37224892	0.55581493	0.57299423
0	0	0.18664041	0.23949509	0.11206822	0.06544699	0.30533734
0	0	0.76642943	0.44463132	0.66338183	0.86377903	0.65491322
0.353	0.275	4.19474403	4.3255733	4.0281511	4.22781793	4.40914111
0	0.012	3.59425101	3.47391858	3.25502648	3.39192733	3.04977745
0.087	0.07	2.40174024	2.76505614	2.742163	2.7656621	2.60748705
0.147	0.102	4.06204753	3.97484063	3.98622813	4.08536953	4.06914202
0.492	0.496	3.52081922	3.80311129	3.16831589	3.31782629	4.30231598
0.048	0.02	0.36701267	0.29281268	0.31804076	0.42353076	1.17032422
0.21	0.168	3.38608681	3.07088438	3.13224562	3.24843052	3.69775105
0	0.004	0.87404368	0.66183715	1.02993808	0.67177866	1.79444308
0.083	0.111	2.8754998	3.00777547	2.57065769	2.74407292	2.94569751
0.456	0.369	4.80943948	4.88584799	5.23365342	5.20523862	5.05069482
0.095	0.094	3.16015954	3.13964772	3.72680107	3.70375803	3.30967472
0.373	0.307	4.76585565	5.08689534	5.44519998	5.05386941	5.33347461
0.321	0.279	4.07585907	4.15970228	4.87122038	4.89345369	4.48280084
0.377	0.332	3.77074577	3.78730057	4.13422729	4.15582056	4.13061239
0.02	0.033	1.91790437	1.98366953	1.90878191	2.02520563	2.15374743
0.127	0.148	3.03462217	3.14007403	2.97708122	3.09965592	3.12255696
0.222	0.197	4.36118199	4.40035647	4.41745126	4.35232768	4.75779053
0.492	0.492	5.13598719	5.22562298	4.68347492	4.88024872	5.08671015
0.317	0.193	4.44002086	4.62761962	4.21485396	4.35144275	4.61811089
0.02	0.041	0.39957624	0.61904147	0.20632177	0.28068792	0.2041955
0.242	0.246	4.29203697	4.41114865	3.96569467	4.06553321	4.24549746
0.044	0.033	1.7716776	1.74073161	2.23531146	2.21992088	1.74054571
0.056	0.061	2.55786665	2.68665046	3.14705209	3.18169808	2.78626537
0.004	0.016	0.64617632	0.66571294	0.76216419	0.80581329	0.40712552
0.024	0.033	0.98823565	1.10277344	0.96309198	1.19187471	1.9499408
0	0	1.00E-04	1.00E-04	0.00210717	1.00E-04	1.00E-04
0.647	0.652	4.85626541	4.71946193	4.84347446	4.78535839	5.03749702
0.222	0.291	3.38339079	3.60325868	3.45865988	3.65223561	3.55043272
0.234	0.238	6.06184684	6.45065083	5.71581826	5.64496	6.24513499
0.016	0.008	0.89370127	0.76563549	0.85597825	0.97549215	0.63840719
0.306	0.32	3.53520023	3.91230097	3.28803527	3.5450666	3.39594666
0.948	0.955	6.32350728	6.58162461	5.91498661	6.20980189	6.55015173

0.21	0.18	3.9853611	4.15486906	3.6969493	3.78633655	4.42291594
0.313	0.291	6.48647584	6.62906739	6.05977046	6.16770537	6.30245108
0.06	0.033	2.19988354	2.14978989	2.05417508	2.28410772	2.21468613
0.016	0.012	1.44119277	1.97066779	1.16833368	0.98819903	1.40484189
0.079	0.127	4.41412607	4.5232867	4.12679788	4.24732285	4.58045554
0.008	0.008	3.50571597	3.44565304	3.48050542	3.41049075	4.25527703
0.012	0.004	2.35020531	2.58109753	2.2170094	2.55665249	1.53008193
0.139	0.148	6.87171718	7.15982834	6.39803606	6.64926168	6.82422575
0.413	0.352	3.77194469	4.08277282	3.70103257	4.00208638	4.22254621
0.567	0.5	7.1429619	7.35073514	6.5536582	6.78223216	7.35767131
0.071	0.057	2.75398317	2.88496652	2.7536442	2.82796233	3.41869856
0	0	0.17413126	0.23222552	0.08834601	0.12389467	0.10492608
0.012	0.004	0.19486151	0.14278569	0.1771791	0.29410985	1.54594995
0.349	0.422	4.93499735	4.78516627	4.78987628	4.88289397	4.97311689
0.079	0.086	4.42416657	4.55595807	4.34998834	4.27193657	4.80705129
0.048	0.045	5.19666641	5.48266168	4.59898568	4.71642897	4.34435772
0.004	0.008	0.38136052	0.48686068	0.25671247	0.34796873	0.28007974
0.298	0.303	3.28999601	3.48924419	3.00568181	3.19890919	3.60207505
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.044	0.045	2.00312655	2.17570005	1.72587643	1.82524216	2.21754174
0.298	0.357	3.58112707	3.71302023	3.69751979	3.89127048	3.89956842
0	0	0.19939861	0.31888403	0.1212899	0.07440432	0.24787368
0.028	0.012	2.5894505	2.54899932	2.17113357	2.46307968	2.24848094
0.008	0.012	0.14382631	0.38051516	0.18415065	0.35436104	0.52465766
0.23	0.311	2.67685524	2.79934006	2.84778253	3.00864193	3.50547447
0.123	0.107	3.52057355	3.57959646	3.45889317	3.51876795	3.93624992
0.175	0.205	3.92525903	4.03260146	3.26095189	3.45799271	4.43768449
0.036	0.008	0.37016701	0.39171434	0.2982624	0.34209838	0.57908335
0.25	0.221	1.62387821	1.98267477	2.23354463	2.18045113	2.20320286
0.266	0.27	4.07896591	4.17069659	4.65755378	4.6250058	4.20397861
0.683	0.75	5.18030446	4.86157936	5.81526448	5.68870127	5.42237112
0	0	1.00E-04	0.05218529	0.10088142	0.16915534	0.23087875
0.353	0.414	3.60060087	3.51418633	3.66629658	3.75215206	3.86028782
0.004	0.004	1.41874253	1.99287262	1.03008808	1.20586948	1.84612832
0.016	0.008	4.27999208	4.51640703	4.09720888	4.24406293	4.76213121
0.032	0.057	4.35919648	4.45563302	3.98031504	4.16039056	4.31658644
0.131	0.119	3.43283124	3.50556614	2.89646632	3.10455853	2.79268525
0	0	1.00E-04	0.08114059	0.03545566	0.03604601	1.00E-04
0	0.004	0.05414401	0.19021593	0.17385739	0.17452564	0.10096623
0.016	0.004	1.03547544	1.00604826	0.74503911	0.88972966	1.3377377
0.282	0.299	5.01461677	5.1634571	4.74971203	5.01574752	4.91563346
0.063	0.057	1.57122322	1.74690784	1.72212601	1.78654092	1.72594558
0.23	0.205	4.22193954	4.3967664	4.30485391	4.48704501	4.21769288

0.004	0.008	0.59401311	0.64862376	0.46373901	0.60192952	0.52606701
0.079	0.098	5.66373593	5.39887697	5.22967088	5.47495014	4.69040911
0.476	0.5	5.32898859	5.54311687	5.1589712	5.27558664	4.9886645
0.151	0.193	1.82794161	2.13848632	1.92516522	2.14503541	2.18824672
0.004	0	1.80291713	2.08894245	1.75836317	1.86833647	0.90674481
0.004	0.008	0.22026059	0.35195774	0.09865613	0.21776088	0.13540478
0.024	0.033	1.90817778	1.81940645	1.98595345	2.27824915	1.59383049
0.012	0.008	0.79864741	1.09637358	0.8250511	0.83801954	0.94239474
0.016	0.02	1.06629626	1.70730291	1.05431362	1.13044558	2.17298727
0.004	0.008	1.82588644	1.86855153	1.84689381	1.77830659	1.71036783
0.437	0.451	3.99099387	3.95463164	3.77496766	4.02736604	4.12716233
0.29	0.258	4.87534371	4.75579618	4.31495241	4.38792955	4.64465509
0.008	0.025	2.02906319	2.03135661	1.75560809	2.01125638	2.47522771
0.516	0.57	4.71103504	4.94764737	4.57966204	4.82350047	5.0254013
0.806	0.836	6.05935379	6.26489808	5.59818798	5.7488013	6.1023847
0.575	0.594	5.24840267	5.50233653	5.02011211	5.13235254	5.38924995
0.04	0.029	2.55269598	2.82425743	2.66081434	2.94287592	3.08306543
0.135	0.123	3.00378098	3.03766927	3.04450279	3.06416291	3.34587485
0.004	0.012	0.24075496	0.25492549	0.29272416	0.32109456	0.15047337
0.385	0.332	3.9477659	3.99462374	3.99428286	4.09453427	3.94389493
0.726	0.746	5.03558329	5.31076138	4.95063146	5.00028176	5.22909973
0.135	0.078	2.06935837	2.43584325	2.31612709	2.27006799	3.18561503
0.341	0.32	3.531693	3.30756303	3.66751904	3.11027597	4.64173099
0.619	0.57	5.34481565	5.68052574	5.11884383	5.20018472	5.50216825
0.397	0.328	4.03663174	4.306422	3.91967988	4.17697732	4.23979217
0.004	0.004	0.49675052	0.49583311	0.45161162	0.68975561	0.84336651
0.095	0.102	3.2221054	3.20712939	3.75783582	3.70870091	3.30123244
0.028	0.041	1.7904309	1.76481996	1.77805218	1.93526116	1.95268753
0.06	0.025	3.51507467	3.09062793	3.86229174	3.92510529	3.54644492
0	0.004	0.29237217	0.24565231	0.24272524	0.35835499	1.00E-04
0.139	0.098	3.25297983	3.23693945	3.27762103	3.33184464	3.09343449
0.135	0.139	3.15470654	3.07472274	3.55509828	3.43929577	2.90182055
0.012	0	0.42424522	0.37806837	0.66695226	0.38741167	0.04595937
0.571	0.455	5.47921157	5.77810016	5.24498562	5.42932095	5.56603266
0.036	0.041	1.71444274	1.52074946	2.09235906	2.21672854	2.01536823
0.175	0.184	3.63960619	3.81316066	4.41285675	4.29574653	3.72843647
0.19	0.143	3.05335603	3.21031889	3.62203265	3.59954691	3.18979761
0.246	0.217	2.57004292	2.57441443	2.72788736	2.90431592	2.88500741
0.067	0.098	2.06372019	1.79340389	2.4683678	2.40623532	2.1746356
0.448	0.561	3.16372403	3.0050002	3.03758846	3.33315048	4.88274884
0	0	0.59581478	0.45959645	0.77530193	0.7227326	0.51600317
0.274	0.307	3.97569852	4.25765412	4.219836	4.29839022	4.01697201
0.159	0.061	1.99114547	2.38664146	2.60184342	1.8564692	3.31691668

0.004	0.004	0.36735078	0.27299957	0.19367201	0.19491317	1.00E-04
0.028	0.037	1.38890664	1.3500988	1.25578819	1.52546508	1.38377531
0.29	0.279	4.8783359	4.88044372	5.49240567	5.34242334	4.9752182
0.282	0.23	4.02471995	3.87905944	4.75557308	4.75342389	4.14973233
0.544	0.574	4.54532706	4.390831	4.96129861	4.90810975	4.61841081
0.246	0.307	3.61768422	3.8267681	3.72612736	3.90714223	3.7086081
0.06	0.098	3.28145451	3.45559561	3.54864614	3.58344204	3.41022966
0.278	0.246	5.19708511	5.30301805	5.00687837	5.18076349	5.22113182
0.004	0	0.86377339	0.99134753	0.57922298	0.66298427	0.85216069
0.095	0.143	2.76492774	2.83850789	3.10189425	3.23542652	2.8869614
0.103	0.107	3.15741748	3.14271894	3.42483549	3.53639784	3.22990844
0.004	0	0.155224	0.13520701	0.18885727	0.18936996	0.73785511
0.135	0.078	3.54703362	3.68622536	3.09799862	3.33501687	2.90682422
0.008	0.016	0.56663694	0.93490235	0.74944248	0.65033138	0.55661682
0.004	0.033	0.88063266	1.02701822	0.37918048	0.52355645	0.17813081
0.04	0.049	1.36016482	1.62213857	1.78909653	1.86875835	1.7248323
0.032	0.029	1.49891653	1.4438161	1.60356578	1.64823176	1.34140895
0.099	0.09	2.75300761	2.85022019	2.50867643	2.63483001	2.79952423
0.206	0.23	4.34298162	4.64247386	4.02516163	4.24616458	4.3419708
0.067	0.066	2.36022417	2.61819097	2.21298873	2.58548744	2.44962892
0.044	0.029	2.75532665	3.09407869	3.02362091	2.96002683	2.79841886
0.032	0.033	1.47037709	1.77588601	1.83576187	1.88700796	1.47403167
0.087	0.107	3.04149795	3.07276448	3.59874585	3.62060241	2.98975072
0.056	0.02	0.65639431	0.58576846	0.70398315	0.83661219	1.30881705
0.107	0.061	2.56083638	2.35285379	2.50873283	2.6863225	2.60365308
0.012	0.012	1.93811538	2.33082791	2.17596595	2.12234086	1.59110418
0.024	0.012	0.14814546	0.22915509	0.08822228	0.133328	0.22785021
0.262	0.217	4.80534878	5.15904844	4.47401618	4.67040536	4.86349456
0.008	0	0.30819491	0.34089149	0.18589053	0.24781	0.26455335
0	0	0.09977466	0.18029538	0.05983839	0.08817273	0.06082346
0.028	0.016	1.51715768	1.32245728	1.50973743	1.72448944	1.65436482
0.254	0.238	3.45929926	3.546423	3.14191861	3.27231923	3.64654937
0.004	0	0.05122168	0.10291485	0.07600321	0.10575335	0.2717064
0.234	0.279	4.80822288	4.58374361	4.3903483	4.30390482	4.75225243
0.028	0.029	0.11897751	0.30685588	0.18109037	0.26652284	0.69119517
0.179	0.193	3.30853629	3.36653644	3.70239187	3.74317782	3.39663012
0.694	0.725	6.07387559	6.03091437	6.85255067	6.83330366	6.33634847
0.75	0.742	6.05239088	6.03145567	6.69150425	6.66178688	6.22526267
0.611	0.639	5.6691036	5.49102182	6.48618284	6.42877367	5.91925565
0.29	0.32	4.08922881	4.22354569	4.66480943	4.69659802	4.3421833
0.464	0.545	5.68058319	5.42700546	6.18138158	6.23625427	5.81948921
0.266	0.283	3.02040341	3.11442548	3.66870042	3.65630666	3.18405227
0.004	0	0.27898591	0.49942952	0.49761506	0.56858246	1.63282592

0.187	0.201	3.70447282	3.82553766	3.92769845	3.93469488	3.77763272
0	0	0.31414069	0.08250717	0.03758917	0.03001284	0.10405596
0	0	1.00E-04	1.00E-04	0.00519432	0.01567603	1.00E-04
0.131	0.131	5.19505367	5.21179967	4.89723879	5.11476333	5.24120551
0.242	0.27	4.18655785	3.95563379	4.43199841	4.44409793	4.2282232
0.083	0.094	2.37001201	2.57104476	2.86617512	2.82844833	2.43759773
0.103	0.119	2.74698678	2.85608706	2.96863349	3.06901417	2.80256948
0.127	0.115	3.42610493	3.59794327	3.77015672	3.65396447	3.43198148
0.004	0.025	2.18245261	1.33954396	1.71433631	1.90510835	3.30389669
0.016	0.016	0.31489163	0.32626038	0.32442571	0.42873968	0.46315448
0.024	0.02	2.07284975	2.33764123	2.52472348	2.57829313	2.2853947
0.183	0.107	4.09776484	4.54894902	3.8984021	3.85976613	4.34859301
0.04	0.012	2.9256702	2.92025062	3.03496749	3.18827088	2.46354099
0	0	1.00E-04	0.11759707	0.05997559	0.05394519	1.00E-04
0	0	0.09112424	0.13088142	0.08969452	0.08158666	0.15919735
0.159	0.221	3.62570911	3.63246622	3.48165337	3.73943905	3.62505147
0	0	1.00E-04	1.00E-04	0.01334881	0.00862633	1.00E-04
0	0	1.00E-04	1.00E-04	0.01970609	0.01394872	1.00E-04
0	0.004	1.19277029	1.23977072	0.95504908	1.24023374	0.53329212
0.036	0.049	1.67766881	1.76740207	1.44308053	1.66080672	1.82501415
0	0	0.13574505	0.18648517	0.1025454	0.09565744	0.05185181
0.008	0.016	0.41780195	0.87691794	0.47590148	0.54424987	0.89116781
0	0	0.05632225	0.07186379	0.03948897	0.03935883	1.00E-04
0	0	0.00893676	0.0138421	0.01098966	0.00927764	1.00E-04
0	0	0.05502309	0.16526296	0.11487145	0.1370083	1.00E-04
0.032	0.037	1.92406919	1.96257577	2.30760417	2.25366391	1.86618858
0.024	0.016	1.55419491	1.70368737	1.48463969	1.47644604	1.09238225
0	0	1.00E-04	1.00E-04	0.00186811	0.01279413	1.00E-04
0.004	0.012	0.98927479	1.31384291	0.91002819	1.12441177	1.24191913
0.329	0.225	5.87990188	5.56184608	6.32422193	6.26639079	5.71932877
0	0	1.39016206	2.01399644	0.52853154	0.61027852	0.23941709
0.524	0.447	6.24946643	6.25192776	5.74625401	5.8875295	6.28936848
0.028	0.016	0.67341744	0.60824224	0.52733782	0.67283239	2.66851469
0.004	0.008	0.20708796	0.62068365	0.3652865	0.37796405	0.84732588
0.056	0.086	2.70244704	2.86825242	2.33300439	2.62944325	2.44686053
0.012	0	0.41754629	0.29583705	0.4323262	0.18411178	0.2399891
0	0	0.1373264	0.17832819	0.02422473	0.07993404	0.07830188
0.016	0	1.7392452	1.60863493	1.89111168	2.13413098	1.69937457
0.028	0.033	0.93035032	1.13650832	1.14740092	1.33854754	1.22542078
0.008	0	0.3068865	0.66247905	0.63420115	0.48769433	0.47731326
0.016	0.004	0.47164906	0.62887787	0.56280058	0.77039832	0.72233574
0	0	1.00E-04	0.04226465	0.05540223	0.02645646	1.00E-04
0	0	0.0633211	1.00E-04	0.00899662	1.00E-04	1.00E-04

0.067	0.045	0.02272382	0.08779793	0.08674677	0.11981373	2.00975893
0.266	0.209	4.3101933	4.40315804	3.98029671	4.20786171	3.93612758
0	0	1.00E-04	0.00564467	0.00867757	0.01430432	1.00E-04
0	0	0.07695645	0.21468667	0.08419552	0.0750397	1.00E-04
0.052	0.041	1.30352988	1.36284005	1.63219731	1.70022752	1.31703022
0.052	0.029	1.54120738	1.67799754	1.38462255	1.78283268	1.72893912
0.111	0.152	2.49496606	2.46503304	2.98767147	2.92723367	2.76431168
0	0.004	0.04102513	0.01285353	0.05043965	0.06937675	1.00E-04
0.31	0.336	3.92938288	4.24963286	3.8206887	3.98650898	3.86993872
0.194	0.127	3.54058477	3.76447821	3.49831318	3.67940085	3.62399885
0.571	0.492	5.2185042	5.53100458	4.77568637	4.93437831	5.329344
0.004	0.004	0.20187426	0.55922245	0.80845838	0.72536164	1.45999847
0	0	1.00E-04	1.00E-04	0.00450417	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.095	0.07	2.00526138	2.33394087	2.50837692	2.48635878	2.45492208
0.036	0.033	2.13267489	2.34859476	2.54741322	2.50143566	2.14989828
0	0	1.26871614	1.21167627	1.77354987	1.95635735	0.48901707
0	0	1.00E-04	0.0111368	0.00510626	0.01911869	1.00E-04
0.722	0.713	6.14900371	6.32450584	5.88257733	6.05224259	6.10450379
0.19	0.168	3.71992446	3.76059079	3.63154583	3.82289301	3.76168382
0	0	1.00E-04	0.01636051	0.01727651	0.02295331	1.00E-04
0.032	0.045	1.24034225	1.00042196	0.83150519	1.10741321	1.24588411
0	0	0.13672823	0.25768997	0.12640504	0.12345465	1.00E-04
0	0	1.00E-04	0.0163269	0.01918531	0.02583687	1.00E-04
0.016	0.02	0.55547061	0.57036956	0.79482074	0.8746826	0.50845541
0.099	0.086	3.0452294	3.05995568	3.03742417	3.11291117	3.23734039
0	0	0.32964921	0.27625668	0.12718507	0.20239283	0.83996465
0.036	0.029	1.69805878	1.62845952	1.19397122	1.39049615	1.6374641
0.083	0.09	2.71989034	2.66601113	3.38082526	3.24192376	2.9216569
0.04	0.057	0.43350755	0.80855046	0.5958502	0.82184122	0.78262287
0.127	0.131	2.96243918	2.98465775	3.48643357	3.42360065	3.10957475
0	0	0.16503947	0.16747512	0.07427787	0.1101676	0.16003036
0	0	1.00E-04	0.00931365	0.00504681	0.00449467	1.00E-04
0.163	0.176	3.95011645	3.93523797	3.79613438	3.9747647	4.24024338
0.004	0	0.18914983	0.1092456	0.10335429	0.19649457	0.20020656
0.02	0.016	0.52777708	0.88722181	0.72018351	0.83811657	1.16046095
0.004	0.004	0.75807153	1.00437836	0.49557069	0.6739193	0.49536476
0.004	0	0.26896475	0.42039191	0.36866518	0.4902691	0.42852257
0	0	0.09125062	0.15445344	0.03317895	0.04336785	0.08676842
0.067	0.061	2.75085521	2.87526607	2.80013797	2.9657929	2.99647153
0.016	0.008	1.32473884	1.59559806	1.95962533	1.83219608	1.49096087
0	0	0.27270666	0.92408054	0.43470364	0.39345465	0.44548766
0.067	0.037	1.82738001	1.87860733	1.9924423	2.13774714	1.83233923

0.004	0	0.28280598	1.036774	1.1688787	0.46054344	0.88043932
0	0	0.14572102	0.11410533	0.08115301	0.08962653	0.07570277
0.004	0.008	0.97318806	0.96851691	0.67135687	0.94462187	0.92202685
0.21	0.197	3.8075846	3.92904454	3.73314987	3.89180525	3.80230077
0.421	0.41	5.05700729	5.2143867	4.7115617	4.85412728	5.01757772
0.004	0.004	0.81799567	0.47990851	0.45959875	0.53464001	0.96185956
0	0	0.03954886	0.01865221	0.00584263	0.00986942	0.10710905
0.234	0.234	3.66911131	3.75082882	3.60931941	3.74534218	3.91527288
0.163	0.152	3.31550168	3.37641472	3.14473423	3.37223963	3.07689469
0.603	0.529	5.12951262	5.36534061	4.64813669	4.75436671	5.49581609
0.048	0.053	2.00973875	2.23125964	1.88234133	2.14905204	2.43153612
0.044	0.061	2.12859155	2.47258297	2.29168169	2.50514632	2.05506887
0	0	0.18400518	0.25288215	0.17182464	0.1693583	0.19275006
0.381	0.324	5.02711458	5.194126	4.6374761	4.82035319	4.81007498
0.254	0.246	3.92452943	4.37699134	3.8544178	3.96587633	4.25310208
0.313	0.344	4.19199235	4.35089753	3.8971896	4.03511033	4.26867651
0.119	0.07	4.15987933	4.1916427	4.55239338	4.37866818	4.79551299
0.409	0.48	4.75695679	4.88005781	5.23912027	5.26141381	4.900588
0.036	0.016	1.98640289	2.27665138	2.38369046	2.40660279	2.28476069
0.385	0.328	4.9350167	5.10721484	4.72735045	4.80429995	5.02033167
0.119	0.16	3.26761427	3.28469638	3.40470237	3.54441255	3.54015853
0.381	0.332	4.76665152	4.94702958	4.55992005	4.7531683	4.82118895
0.567	0.496	4.87528788	5.09781227	4.6745824	4.80278669	5.34180744
0.083	0.07	2.39557622	2.44930038	2.22372982	2.34156692	3.3861287
0.123	0.143	4.64576955	4.79627515	4.20991076	4.42771414	4.2743637
0.147	0.168	2.68200446	2.78802306	3.33535729	3.26199241	2.92832623
0.27	0.299	3.70239957	3.77340092	4.43881289	4.39032047	4.00934242
0.222	0.168	3.06606492	3.17692561	2.90113114	3.14616328	3.30348299
0.127	0.094	3.04563223	3.17226851	2.90518879	3.20292435	3.30994411
0.135	0.086	2.78184039	2.92711221	2.41346866	2.65062959	2.89632598
0.111	0.053	2.91274682	3.13471084	3.12946903	3.19877026	3.2290965
0.036	0.02	2.27877885	2.40248412	2.33342311	2.53543145	2.11092636
0.155	0.172	3.44051166	3.53503784	3.0564328	3.20300192	3.45070671
0.234	0.246	4.10897941	4.13676398	4.62029556	4.54980329	4.4964798
0.036	0.037	1.79315956	1.92043098	1.89592155	1.931988	1.98979212
0.163	0.119	2.82887111	2.93782726	2.81975014	3.03903174	3.00197533
0.171	0.135	3.98337446	4.26593313	3.76961256	3.915755	3.94187414
0.036	0.049	1.46639399	1.6124995	1.74201958	1.94615211	1.70329222
0.325	0.291	4.71964917	4.84620153	4.44982427	4.54301321	4.57811543
0.286	0.246	6.22448076	6.44393507	5.85727898	6.02247051	6.05325393
0.04	0.033	1.47858391	1.64084867	1.69867434	1.85211887	1.73509221
0.008	0.008	0.04771652	0.13521097	0.06096025	0.08758081	0.08703576
0.159	0.123	3.55065217	3.49076588	3.93569	3.9557309	3.54915828

0.008	0.008	1.12108179	1.18956256	1.14550538	1.29842336	1.04712074
0.202	0.217	3.38213035	3.47454998	3.07483894	3.41969948	3.59651826
0.298	0.299	4.74067321	4.69352068	4.77761923	4.8282239	4.60160216
0.623	0.619	4.10754368	4.05101811	3.72261368	3.9037293	4.19142949
0.032	0.057	2.5155473	2.45472246	2.62314282	2.63488682	2.49126258
0.024	0.02	2.21886763	2.18606463	2.16472297	2.17135897	1.74924241
0	0	0.61482524	0.73699628	0.87111946	1.0574299	0.45899307
0.317	0.262	4.67556501	5.24705216	5.57578637	5.42452953	4.84788439
0.69	0.676	6.44784567	6.85050723	6.035636	6.27119889	6.13789286
0.012	0.041	0.23325391	0.66163396	0.46797109	0.40962464	0.29110183
0.194	0.221	3.73924263	3.87959716	3.53073333	3.70674028	3.77461325
0.27	0.238	5.11361605	5.02640512	4.8126295	4.90109979	5.389335
0	0	0.25807388	0.37264681	0.264874	0.44663883	0.27027944
0.488	0.414	5.14740186	5.255277	4.69251065	4.81039275	4.87575485
0.29	0.197	3.85993565	3.91645663	3.39178536	3.47618979	4.14407862
0	0.004	0.69942216	0.6238529	0.43511152	0.48893316	0.16133447
0.091	0.086	2.60216444	3.17184573	2.85886282	2.95485946	2.80154314
0.119	0.115	3.03512709	3.09942568	3.21027168	3.28693969	2.94290101
0.222	0.184	5.62260986	5.79679599	5.35161842	5.28596793	6.11501715
0.004	0	0.1441201	0.41392072	0.1378645	0.18571674	1.00E-04
0	0	0.04191373	0.13823922	0.03170639	0.05582744	0.17320512
0.306	0.299	4.45551377	4.36774974	4.66362829	4.71726796	4.85590333
0	0	1.00E-04	0.00466196	0.03527636	0.0449485	1.00E-04
0	0.016	0.04300838	0.06542233	0.03467149	0.0766953	0.36800833
0	0.004	0.05013273	0.02844104	0.02843344	0.04385518	1.00E-04
0.032	0.012	3.0179995	2.61782125	3.32402241	3.09895195	2.80673783
0	0	1.00E-04	1.00E-04	0.0052781	0.00139458	1.00E-04
0.413	0.283	5.45695315	5.39263133	5.63082263	5.68598419	5.83159559
0	0	0.03525947	0.14097408	0.05448235	0.08477712	0.1968559
0.071	0.049	3.0568309	3.19871496	3.57010524	3.64144282	2.99437893
0.004	0.016	0.68421251	0.89316742	0.67507704	0.88060022	1.0909585
0.278	0.291	5.03271476	5.02765835	4.81543079	4.89937761	5.05342648
0.262	0.316	0.40067115	0.65339402	0.54178318	0.67441751	2.63441839
0.389	0.369	4.94165676	4.96555572	4.57034224	4.60605642	5.85699009
0	0	0.23090906	0.45158695	0.28917264	0.37881573	0.03514133
0	0	1.00E-04	1.00E-04	0.00232839	0.00373588	1.00E-04
0.5	0.484	2.65606891	2.56770851	2.57350846	2.77177816	3.62830041
0.345	0.242	5.42462367	5.67560975	5.17106684	5.06765876	5.47355896
0	0.004	1.19798146	1.1437818	1.24255386	1.29529173	0.38014902
0.004	0.004	0.07980004	0.0984859	0.11811557	0.19053356	0.04209384
0	0	1.00E-04	0.02445337	0.03506941	0.0322006	1.00E-04
0.472	0.402	4.4306198	4.25093527	5.0020229	4.93489179	4.73500154
0.294	0.283	4.72932399	4.72097475	5.31780189	5.24793229	4.74166216

0.222	0.217	3.92113032	3.86808318	4.49278562	4.40662658	4.2604205
0.5	0.553	4.73650631	4.6841436	5.57503155	5.49708	5.06157429
0.659	0.717	5.6521928	5.56551434	6.5533497	6.41274676	5.95089087
0.302	0.311	4.22288403	4.28105058	5.11994805	4.96215673	4.35155483
0.187	0.168	3.71237463	3.53949745	4.58760332	4.45456007	3.98091499
0.48	0.455	4.68985915	4.62397036	5.56156306	5.3652008	4.93150974
0.274	0.246	4.14974401	4.00766861	5.01624508	5.01008733	4.48740643
0.27	0.291	3.63498339	3.70002141	4.59853074	4.40531205	3.88497973
0.302	0.361	4.29498683	4.23840432	5.07711891	4.91888462	4.64567838
0.286	0.287	4.05048135	3.90959124	4.85550921	4.63889335	4.38321004
0.603	0.516	5.09083588	4.87769263	6.00428098	5.83191106	5.12671108
0.44	0.471	4.51635224	4.5454026	5.59010004	5.44006473	4.82695957
0.27	0.295	4.25033337	4.14269888	4.78321701	4.74038944	4.52671756
0.298	0.258	4.07821008	4.08641817	4.78708432	4.61200199	4.42283655
0.385	0.381	4.78206383	4.69265737	5.62141673	5.53625431	4.82387581
0.393	0.381	4.46304546	4.38480984	5.29025306	5.23947449	4.81454821
0.147	0.107	4.29938298	4.62625633	5.14911189	5.01672464	4.2903585
0.008	0.025	1.60163246	1.70880972	1.34021126	1.6325791	1.38256834
0.198	0.172	4.23054605	4.22296035	4.80829951	4.71817384	4.35958516
0.075	0.041	5.46705117	5.45630439	5.34720812	5.4891604	5.84307964
0.067	0.115	2.07367274	2.37109591	2.19078559	2.23555488	2.4096625
0.008	0.008	0.14252757	0.28320462	0.2254967	0.24485709	0.16425972
0.278	0.238	4.70392792	4.787691	5.48099389	5.46948196	4.79885991
0.516	0.385	5.79091265	5.99541929	6.65146233	6.44508312	5.86739593
0.151	0.123	4.38055085	4.52340501	4.71701933	4.76357491	4.47381861
0	0.004	0.70627541	1.00179441	0.87317511	0.80369367	0.41877813
0.46	0.414	4.85564585	4.95477958	5.6325409	5.57974882	5.02927962
0.167	0.102	4.81465373	5.176569	4.82329446	4.9835717	4.74872774
0	0	0.01122022	0.14918273	0.08765632	0.09556932	1.00E-04
0.135	0.082	4.25018971	4.27379942	4.56618839	4.5672547	4.47407598
0.115	0.086	4.02435429	3.90556251	4.20129207	4.2205928	4.01878896
0.008	0	0.16492447	0.27808878	0.23745288	0.2359838	0.53132613
0.083	0.074	3.50957616	3.39050888	3.98657583	4.00888526	3.67886871
0.206	0.176	4.02175949	4.10968167	4.31324597	4.33228737	4.07744536
0	0	1.00E-04	1.00E-04	0.01462569	0.01769014	1.00E-04
0.385	0.234	5.11994051	5.20040254	6.16909872	5.97815807	5.04818886
0	0	0.20262952	0.14207174	0.11313424	0.11249149	0.23462597
0.274	0.23	4.34978607	4.22570241	4.71238385	4.63508794	4.38307918
0	0.008	1.00E-04	1.00E-04	0.02837301	0.00162144	1.00E-04
0.004	0.004	0.20806818	0.23375415	0.75769024	0.78409387	0.28616902
0.202	0.148	4.26687196	4.3986981	4.05852582	4.21818224	4.36252643
0.171	0.176	4.58657655	4.56863819	4.36801926	4.49753437	4.44896282
0.024	0.041	0.61607934	0.87162721	0.73990142	1.13128262	0.49930032

0.433	0.41	3.57890737	4.0336484	3.26073357	3.45264063	3.79105107
0	0	1.30944789	1.02159177	0.96763739	1.03877389	0.77436362
0.004	0.033	1.8162533	1.94626395	1.51219437	1.91983262	1.02520204
0.091	0.086	0.57256205	1.02344684	0.58455251	0.70104079	0.58884961
0	0.008	1.04463182	1.21790675	0.67841714	0.77948028	1.02692606
0.611	0.52	5.93998092	5.80835518	5.58056725	5.61279207	5.54244221
0.012	0.012	0.28806981	0.62813155	0.3752209	0.35554163	0.29608446
0.353	0.361	5.72947602	5.86892098	5.55987264	5.5963285	5.56746811
0.095	0.082	2.72253083	2.88582884	2.44779215	2.65632458	2.62342948
0.075	0.074	3.06446235	3.07726326	3.05436117	3.23777588	3.25789222
0.016	0.012	1.48373233	1.4976598	1.22140914	1.37461983	1.52038784
0.385	0.328	4.06648188	4.257947	3.67877193	3.82983025	4.1442291
0.119	0.094	3.25835968	3.29825038	4.09667079	3.97813032	3.37654517
0.02	0.025	1.46012197	1.6117465	1.4908538	1.74503303	1.95717975
0.365	0.328	5.3538715	5.51338647	5.0051931	5.09121488	5.09759965
0.008	0.025	0.54454772	0.61063066	0.33635722	0.41925939	0.37993103
0.607	0.541	5.00981416	5.2450425	4.88840846	4.93298866	5.12458658
0.687	0.602	6.3363699	6.58376633	5.97511073	6.05383816	6.31243827
0.496	0.455	5.01455849	5.13020885	4.82182558	4.85982667	5.01445345
0.063	0.053	2.42810598	2.57687705	2.47713026	2.63274402	2.28998888
0.571	0.549	4.85190243	5.11859926	4.62124932	4.78689346	5.05338156
0.21	0.25	3.61107363	3.64097825	3.44528301	3.80748854	3.80611493
0.262	0.303	4.62784159	4.57706758	4.58306871	4.82961169	4.5294762
0.472	0.443	4.58765216	4.91012469	4.13534806	4.28862632	4.86707122
0.143	0.18	4.50487448	4.76212358	4.23975684	4.4650104	4.64050836
0.008	0.004	0.57682179	0.67738248	0.57005568	0.66187189	0.554302
0.044	0.061	2.14466599	2.10368431	2.23957847	2.23516935	2.48934159
0.226	0.213	3.53235908	3.42122384	3.99609006	3.98206988	3.66027302
0.317	0.32	3.68156445	3.86056798	3.31637126	3.63132088	3.76130286
0.02	0.016	1.13088455	1.34983151	1.4197428	1.60333492	1.19938848
0.175	0.168	3.23855654	3.3478714	3.93356323	3.81378431	3.37124162
0.008	0.012	0.59255409	0.52275676	0.67135165	0.77144838	0.49017812
0.175	0.148	3.48165785	3.58235147	4.24138122	4.1022818	3.76806806
0.032	0.041	1.3705116	1.43506896	1.70959833	1.84209009	1.44320838
0.004	0	0.7988198	0.77909718	1.1035886	0.94878075	0.85821446
0.313	0.307	3.81067411	4.00186133	2.88297277	3.2269181	4.22271939
0.27	0.213	3.72054092	3.97645908	3.6339727	3.5870763	3.959478
0.036	0.057	2.01555164	2.09416703	1.96836261	2.27397858	2.32914595
0.206	0.316	4.21459108	4.41120234	3.81790598	4.06915982	4.09195071
0.004	0	0.6555389	0.54153858	0.31326252	0.31748383	0.45166886
0.048	0.02	3.37600577	3.32945801	3.60391151	3.87722976	3.67138644
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.03613958	0.04207889	0.05157668	1.00E-04

0	0	1.00E-04	1.00E-04	0.00864146	1.00E-04	1.00E-04
0.012	0.02	3.31228482	2.2494914	3.75330871	3.69936024	1.62590222
0.016	0.008	2.90431985	3.67191344	2.45125989	2.60543734	3.15140832
0.187	0.266	3.53481579	3.617439	3.26927079	3.4309884	3.7234516
0.004	0.02	0.02712878	0.0089388	0.02015771	0.0349766	0.14658339
0.028	0.016	3.73969852	4.15501064	4.1867653	4.2277624	4.38863563
0	0	0.02197341	0.16693151	0.05293503	0.22579746	1.00E-04
0.075	0.102	3.04018148	3.27248295	3.19412312	3.24334482	3.00422033
0.242	0.23	4.20228421	4.12881879	4.1355542	4.18227175	4.48753932
0.004	0.008	0.65136946	0.8581851	0.60685874	0.53759693	1.2851677
0	0	0.26100753	0.36496453	0.3203252	0.25889596	1.10601831
0.992	0.992	8.14885543	8.80423433	9.01720825	8.96342548	8.41047504
0.044	0.061	2.1008411	1.96101722	2.15590946	2.28778221	2.45476309
0.179	0.168	3.43177008	3.54812772	3.23671927	3.51233349	3.47178751
0.008	0.008	0.1977122	0.38388244	0.27333753	0.34171657	0.26601542
0	0.008	0.12490985	0.22369795	0.22329739	0.22292773	0.3789984
0.024	0.045	1.80658206	1.80777188	2.2869222	2.32454449	2.02711997
0	0	1.00E-04	1.00E-04	0.00261624	1.00E-04	1.00E-04
0.044	0.041	1.54793777	1.70934344	2.28372607	2.26290229	1.96743598
0.056	0.029	0.75356258	0.87513454	0.8017666	0.9596157	0.93163714
0.131	0.156	2.65026403	2.66599434	3.21112112	3.08878215	2.88671294
0.218	0.119	3.15922765	3.08571266	2.87431221	3.05604355	3.73801077
0.155	0.168	2.92999782	2.8104222	2.85292743	2.8255894	3.63177994
0	0	1.00E-04	0.01711657	0.00966177	0.01260787	1.00E-04
0.004	0	0.17437688	0.1992924	0.22154589	0.22326683	0.30290282
0.06	0.033	4.79423297	4.56952943	4.84159549	4.68306644	4.35032662
0	0	0.4916626	0.64949243	0.35245741	0.47380731	0.33242072
0.052	0.061	1.1412875	1.3829079	1.31413201	1.35258311	1.08971763
0.008	0	1.53430143	1.42897584	2.09273973	1.83312035	1.91306859
0.004	0.012	0.23739174	0.20193792	0.16478711	0.17827694	0.12692724
0.123	0.115	3.26381418	3.3353423	3.00331546	3.20841187	3.53319383
0	0	1.00E-04	1.00E-04	0.00169967	0.00369884	1.00E-04
0.004	0	0.02941081	0.14418645	0.09426699	0.10931975	1.00E-04
0	0	0.94610163	1.02533359	0.95251088	0.99143688	0.9517257
0.234	0.156	4.73011125	5.23804559	5.65292055	4.85400599	4.74498443
0.004	0.008	0.92389448	1.07739264	0.99426478	1.0099263	1.08176277
0.06	0.045	1.96536815	2.15750767	2.50066924	2.46081288	1.96920572
0.02	0.037	1.88384923	1.78542077	2.05101233	2.06436903	1.51265333
0.143	0.184	3.49955157	3.61590505	3.41556742	3.41786561	4.06513395
0	0.004	1.00E-04	0.02482369	0.00503109	0.00627914	1.00E-04
0.063	0.045	2.29803362	2.42043084	2.80953472	2.93068768	2.38915326
0.008	0.008	0.83796625	1.22908877	1.53589454	1.5582134	1.02194642
0.016	0.008	1.09393064	1.36709993	1.390467	1.53659092	0.88894627

0.063	0.053	2.329295	2.21426907	2.78600602	2.88635871	2.47602013
0.012	0.008	2.84814624	2.69281331	2.97435685	2.95261925	2.52211015
0	0.02	0.74946533	0.68910382	0.55518485	0.71055563	0.76417625
0.155	0.127	3.00062624	3.24448755	3.49935958	3.55809547	2.99038001
0.595	0.561	5.28755904	5.54411862	4.93442086	5.10300447	5.43439637
0.083	0.061	3.03467155	2.97118101	3.149362	3.23552796	2.93212753
0.016	0.029	1.29767955	1.80335379	1.67116298	1.77849029	2.26878225
0.115	0.152	4.16443198	4.31897086	4.17870285	4.23817253	4.52340788
0.369	0.393	0.74854041	1.1105433	0.67820269	0.69626942	2.43915879
0.044	0.037	1.66854098	1.67577367	2.18959041	2.05959195	1.69516874
0.206	0.225	2.90516586	2.85668012	3.43239772	3.37083801	3.22085708
0.107	0.098	2.48014066	2.63468407	2.66603648	2.39046081	2.76959305
0.032	0.012	2.9176886	2.81737111	3.22265092	2.88350071	2.87171619
0.06	0.057	3.81444238	3.88431933	3.69306066	3.99968017	3.23400045
0.079	0.086	2.96424816	2.50269516	3.00950818	3.06186103	3.05658985
0.167	0.102	3.15278181	3.18801499	3.46755466	3.47514992	3.36910756
0.008	0.02	0.55138408	0.69178321	0.3941993	0.55084918	1.26985826
0.075	0.061	2.03869953	2.0234315	1.96379314	2.12404527	2.45665312
0.024	0.016	3.56093816	3.35523247	3.3994399	3.36000674	4.63133658
0.012	0.008	2.64096011	2.87238965	2.41140108	2.61763828	1.58846525
0.004	0	1.80064384	1.54146543	1.5090546	1.69812205	0.9289791
0.012	0.012	0.08570989	0.17253686	0.09212052	0.13502592	0.20405314
0.052	0.041	1.97305333	2.53797489	2.35712487	2.58886127	2.06831899
0.032	0.012	0.17297198	0.13038487	0.11853176	0.25708551	0.25727329
0.437	0.414	4.35126803	4.43251555	5.19276927	5.03868852	4.56987986
0	0	0.02870818	0.08093988	0.02624516	0.0199421	0.06592275
0.194	0.209	4.1655457	4.32415275	3.84685107	4.12334259	4.53570128
0.29	0.197	3.89059227	3.85393055	3.51174291	3.45160453	4.22684194
0.067	0.07	2.19021711	2.31781866	2.3444033	2.41512972	2.27738447
0.028	0.025	1.89193262	3.23114531	1.84306335	2.13402852	2.38186047
0	0	0.13939769	0.12360707	0.05050608	0.12429431	0.28494975
0	0	0.14222141	0.13741822	0.18081412	0.08440276	1.00E-04
0	0	0.80305019	0.71455712	0.52043441	1.02652737	0.64797305
0.115	0.053	4.81294611	4.6266362	5.43142534	5.27124323	4.86394618
0.115	0.148	1.8160831	1.89934701	2.31857579	2.39386541	2.5282667
0.008	0.02	1.03243126	1.64949421	1.08351152	1.43044931	1.21218478
0.099	0.066	3.96207002	3.85953723	4.29737822	4.21859007	4.2291222
0.23	0.209	3.58879729	3.78135413	4.46856505	4.50444531	3.8756562
0.484	0.389	5.71461494	6.02818359	5.72675395	5.70858146	5.96645536
0.425	0.311	4.60793423	4.85321985	4.33129673	4.41688629	4.47873624
0.187	0.184	3.78995676	3.88700907	3.66157587	3.83959859	3.81585368
0.222	0.225	6.27172772	6.50402539	5.91007508	6.13093405	6.26408874
0.095	0.115	1.59417941	1.64948596	1.86777119	2.05659695	1.64847346

0.179	0.115	2.71088085	2.85535957	3.31353326	3.49084845	2.70288176
0.052	0.053	2.94540626	3.01280964	2.9910821	3.06313979	2.8111241
0	0	0.04807447	0.11950275	0.19205947	0.3030394	1.00E-04
0.028	0.029	2.44554134	2.62359155	2.267143	2.38973508	2.21603722
0	0	0.65563207	0.60878772	0.31689735	0.32162098	0.36493771
0.032	0.049	1.3293106	1.37790196	1.39734428	1.60872633	1.29294699
0.012	0.012	1.93195258	1.93327337	2.07619475	2.22432192	1.80300179
0.063	0.037	2.22501074	2.34459276	2.15936673	2.37339603	2.14851495
0.016	0.02	1.57429427	1.46836578	1.69884981	1.88709811	1.02924267
0.071	0.123	2.89888842	2.91237974	2.76599161	2.98294806	3.04715796
0.409	0.311	3.96068996	4.14820191	3.49604679	3.68688503	3.8392757
0.563	0.537	4.72595653	4.99018604	4.48424669	4.60128842	4.87953986
0	0.004	0.06540297	0.16266541	0.19998728	0.2444698	0.2461958
0	0	1.00E-04	1.00E-04	0.00990515	0.0067513	1.00E-04
0.143	0.123	3.5607355	3.52837462	3.89346365	4.08713926	3.31228313
0.187	0.168	4.13015905	3.99463322	4.55679318	4.50425278	3.90915152
0	0.004	0.50771008	0.91165519	0.41945641	0.41260354	0.25893138
0.048	0.016	4.94902927	5.2201957	4.59971418	4.84453337	4.85189807
0.004	0.016	0.3879552	0.28245402	0.23020879	0.28262339	0.20763328
0.183	0.143	3.03738054	3.00377052	3.55975725	3.53810985	3.31173097
0.623	0.586	5.22690051	5.53065508	4.88865812	5.07723925	5.27837969
0.063	0.074	0.44151768	0.6846332	0.50133687	0.5799528	0.62477657
0.099	0.094	0.8706482	1.45079588	1.22340653	0.89690894	1.8996404
0.028	0.041	2.1192685	2.2513386	2.31766276	2.48114626	1.92812623
0.175	0.164	3.25546699	3.13854893	3.55262276	3.60774174	3.34954722
0.032	0.049	1.90906568	1.74552985	1.89888134	2.07999748	1.78162841
0.004	0	0.01326227	0.00904193	0.0145098	0.02897713	1.00E-04
0.071	0.041	2.31836386	2.30676273	2.67374247	2.73879436	2.23985367
0.079	0.049	2.48071179	2.73171029	2.37436331	2.43502915	2.42495211
0.063	0.07	2.47062548	2.31790384	3.11668931	3.0355358	2.69545253
0.111	0.086	2.94524979	2.83970806	3.1253289	3.00738066	3.15800261
0.008	0.004	1.84499293	1.77035266	2.07791566	2.4381317	3.42161097
0.365	0.348	0.58305999	1.26335486	1.05439369	0.98147984	1.14545979
0.762	0.77	4.39214124	4.8606587	4.32469184	4.2061206	5.37859426
0.222	0.053	4.48874506	4.96736299	5.85771328	5.0900316	4.96989568
0.226	0.23	4.40093105	4.56607048	4.41017079	4.51659575	4.45448073
0	0	1.00E-04	0.01686371	1.00E-04	0.00373887	1.00E-04
0.103	0.078	3.45140291	3.36007122	3.00848483	3.16854085	4.39550384
0.044	0.037	2.00282513	2.08759572	2.4293865	2.34720856	2.16155548
0.21	0.193	4.27706204	4.52024147	4.18517878	4.33261732	4.25318121
0.012	0.004	0.80452395	1.49201185	1.16879826	0.79501519	1.43410585
0	0	0.06545231	0.05923431	0.08933721	0.06159524	0.12665082
0.048	0.012	2.06489387	2.36064179	2.59047064	2.14083234	2.74063522

0.198	0.152	4.3673044	4.26181743	4.7492803	4.38676985	4.69751846
0	0	1.00E-04	1.00E-04	0.00485292	0.0067689	1.00E-04
0.012	0.004	1.97086016	2.07462596	2.3405881	2.0170328	1.92672474
0.179	0.16	3.69406259	3.85748098	3.79416878	3.8206841	3.76460304
0.214	0.205	3.52600813	3.60855063	4.09095286	4.01598286	3.60784887
0.016	0.012	1.18844633	1.06263113	1.11615626	1.34030045	1.83687268
0.099	0.16	1.07546289	1.14706811	1.19870712	1.33179998	1.78996684
0.468	0.414	4.77579116	4.72041178	4.71921884	4.78395733	4.90268712
0.087	0.127	2.95731201	3.1076034	2.65853757	2.83307373	2.83384416
0.004	0	0.03868361	0.2094769	0.12645162	0.16870441	0.07649757
0	0.004	0.59870875	0.62144225	0.55424804	0.79459771	1.10341436
0.179	0.164	2.99825016	2.76086177	2.92582877	3.12053705	3.47467219
0.071	0.07	2.16490898	2.07226357	1.83662184	1.91794026	2.26700768
0.02	0.041	0.23027363	0.19342012	0.09862452	0.14977928	0.22273294
0.06	0.029	1.81936444	1.7729733	2.38163593	2.33950672	1.66523208
0.048	0.07	2.82151307	2.82475198	2.91500933	2.96439443	2.75736592
0.087	0.09	2.53231884	2.63228198	3.07138631	2.9622408	2.59625932
0.004	0	0.59902041	0.17674739	0.2768945	0.29320802	0.43556706
0	0	2.41237297	1.72255424	1.75961692	1.70729707	1.80586695
0	0	0.21921503	0.06040605	0.04272823	0.09545878	0.20676357
0.456	0.467	4.64797896	4.76432637	4.35682054	4.41281202	4.73463829
0.012	0.008	1.10855721	1.16417425	1.13563921	1.47501343	1.15078896
0.159	0.139	3.08359357	2.96737221	3.3114303	3.34839249	3.18711193
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.004	0.19039057	0.23684556	0.20034729	0.20110723	0.3659001
0	0	0.08366467	0.02317514	0.02185781	0.03973144	1.00E-04
0.008	0.016	0.96672788	1.0631628	0.88749084	0.85096012	1.09968826
0.004	0.008	0.13800687	0.17235031	0.10752206	0.15093601	0.08323944
0.008	0.029	1.21730496	1.7247566	0.89873829	1.15088722	1.06873193
0.02	0.029	0.05233844	0.20194123	0.09897612	0.1389079	0.90346909
0.012	0.025	2.08068169	1.9419086	2.17597785	2.20058104	2.27435702
0.016	0.02	2.28661958	2.34441437	2.9626506	2.67925912	2.64277603
0	0	0.11699337	0.09755988	0.10839874	0.11699908	0.05641945
0	0	0.04291564	0.0112252	0.0336628	0.01805896	1.00E-04
0.004	0	0.0411099	0.04503516	0.05701305	0.0545159	0.20676357
0.004	0.016	1.23639008	1.13520571	1.78843543	1.72591767	1.83481514
0.004	0.004	0.57305737	0.31958491	0.5362581	0.59428575	0.87058473
0.087	0.082	0.31362657	0.33225299	0.58597673	0.55788661	0.51190547
0.063	0.033	2.29844471	2.16970054	2.88448684	2.80365089	0.74812351
0.194	0.123	5.59754194	5.47933365	6.44092579	6.40736091	5.47595626
0.071	0.098	2.67330705	2.50074395	3.30750899	3.16546989	1.91998816
0	0	1.00E-04	1.00E-04	0.00701388	0.02426786	1.00E-04
0.087	0.111	3.11800166	3.33427866	3.11796705	3.38493894	3.10210102

0	0	0.14789731	0.08933421	0.05303307	0.08339006	1.00E-04
0	0	0.10720821	0.14008348	0.20858133	0.19012153	0.87993035
0.004	0.012	0.69120658	0.73773844	1.15562472	1.1448781	0.83669859
0	0	1.00E-04	1.00E-04	1.00E-04	0.00247962	1.00E-04
0	0	1.00E-04	0.03383435	0.00354404	0.02103227	1.00E-04
0.012	0.004	0.96756129	0.83985891	0.79649863	0.83265373	0.83047627
0.044	0.045	0.00687075	0.01713171	0.00650519	0.01289041	1.00E-04
0.48	0.451	4.54523245	4.43178549	4.71863195	4.8003305	5.31350247
0.167	0.066	5.26030848	5.01574032	5.89572558	5.74993924	5.26051807
0	0	0.09624098	0.12323521	0.04989291	0.09218791	0.0791904
0.02	0.02	0.28643031	0.32720423	0.29413552	0.6053607	0.0997804
0.004	0	0.05611673	0.05752155	0.04917243	0.12820643	0.05194323
0.004	0	0.30901867	0.33706651	0.14243155	0.19834348	0.06815594
0.095	0.094	0.73824052	0.95245483	0.71967627	0.93192696	1.28876896
0.131	0.127	3.14173112	3.20738124	3.28258797	3.34985685	3.40423247
0.353	0.283	0.6649996	0.95271442	0.76123738	0.59948589	0.48107257
0.044	0.029	0.1014911	0.16044523	0.16621833	0.23249575	0.76544661
0.19	0.168	3.26663388	3.44491086	2.97184346	3.16154561	3.60133592
0.321	0.287	3.44277165	3.62022827	3.34598741	3.59279612	3.56894532
0.222	0.254	3.93192806	4.07215658	4.17615684	4.18908501	4.23613599
0.032	0.041	2.08181015	2.21066511	2.38756214	2.41481795	1.617417
0.21	0.172	0.64794441	0.47060112	0.84939849	0.9411765	2.41844976
0.575	0.561	4.79742807	4.69431163	5.02609624	4.96774957	4.90557281
0.107	0.107	3.08059691	3.18396102	2.90186112	3.02298442	3.44848237
0.179	0.156	3.66319383	3.97956707	3.65615579	3.69084021	3.8136414
0.147	0.176	1.38693216	1.98355556	1.88109277	1.66788661	3.55079611
0.004	0.004	0.08394572	0.08552245	0.19404987	0.23868794	0.17981065
0.798	0.701	5.60846285	5.87966479	5.23143492	5.42682012	5.76651822
0	0	0.66028908	0.74129391	0.72713846	0.67348388	0.11247161
0.004	0.004	1.78605793	1.8810821	1.56171438	1.68581488	1.36273703
0.024	0.02	2.68576251	2.60778845	2.43291188	2.69145489	2.32754332
0.103	0.102	3.21921091	3.33870793	3.71501567	3.75813196	3.12839915
0	0	1.00E-04	1.00E-04	1.00E-04	0.00203881	1.00E-04
0.044	0.041	0.20096088	0.44510515	0.06588638	0.10032291	0.63418315
0.111	0.09	2.54084168	2.47159051	2.67943678	2.70103828	2.70643254
0.163	0.127	3.45632762	3.43428181	3.46526156	3.50829333	3.55736871
0.02	0.033	3.37131313	3.68440098	3.44591167	3.61377968	3.83051618
0.357	0.365	4.93528262	4.91131283	5.8593364	5.72769702	4.96372043
0.218	0.209	3.92598541	3.99837461	4.4106278	4.57017165	3.76516649
0.004	0	0.32393581	0.22640093	0.45365709	0.4734433	0.43755679
0.06	0.074	1.94602434	2.0250143	2.73322855	2.62638091	2.2427449
0.119	0.094	3.07013596	3.07144515	3.42878385	3.45138957	2.89558748
0.123	0.123	2.94001036	3.16664565	3.39799351	3.4125841	3.70441179

0.163	0.156	4.43358188	4.54120133	4.6806693	4.71869224	4.20640212
0.115	0.102	3.69140409	3.73691687	4.29128668	4.34943635	3.7995777
0.048	0.037	2.84858662	3.18207507	2.90511443	3.0789118	2.58482444
0.004	0	0.40162572	0.28742493	0.263255	0.3771896	0.18771244
0.016	0.012	1.92771371	2.03316487	2.21801709	2.62732912	2.65505594
0.056	0.049	2.81955433	2.71585562	2.85801908	2.86510213	2.57492533
0	0.008	0.02598777	0.08153044	0.09849262	0.09389652	1.16283242
0	0	1.00E-04	0.07411333	0.0124902	1.00E-04	1.00E-04
0.004	0.008	1.00E-04	0.02019468	0.01064499	0.00491995	1.00E-04
0.353	0.316	5.10398712	5.25456471	4.81579509	4.93793903	5.5000803
0.004	0	0.008508	0.06274557	0.02840141	0.1012085	1.00E-04
0	0	0.1289365	0.21240961	0.17858799	0.42515551	0.34769499
0	0	0.04339398	0.14326091	0.0390788	0.04036309	1.00E-04
0.004	0	0.17209224	0.23865222	0.10567111	0.1156636	1.29956152
0.004	0	0.19881972	0.12825523	0.24876656	0.1732589	0.12583692
0.008	0.016	0.1882722	0.21307457	0.09251851	0.12153885	0.32121673
0	0.004	0.17405977	0.1296762	0.08580538	0.11055152	0.06687532
0.452	0.352	5.04191343	5.31844414	4.47265372	4.551032	3.48937786
0.052	0.082	1.45855983	1.66291981	0.73171838	0.98523363	0.46258799
0.329	0.324	5.54921675	6.08345275	5.37414605	5.50970238	5.51352205
0.024	0.008	1.52218344	1.67979505	1.58190915	1.66970026	1.62492746
0.345	0.344	7.46473761	6.71040731	6.80877723	7.59154398	7.6598326
0	0	0.54854539	0.24078045	0.41671455	0.41325911	0.06929877
0	0	1.00E-04	1.00E-04	1.00E-04	0.00564649	1.00E-04
0.067	0.057	5.45100078	5.4024076	5.21301103	5.23776529	5.41060721
0.063	0.02	2.19956129	2.48095481	2.40297412	2.54940639	2.46993867
0.151	0.139	3.69215247	3.52072908	3.73350662	3.77665156	3.79496123
0.02	0.037	1.49090743	1.77629424	1.97438691	2.19053624	0.96234424
0.194	0.168	3.71066721	3.80049448	4.03345884	4.03226214	3.98214418
0.036	0.045	1.26861465	1.36099649	1.07573423	1.34005272	1.76568188
0.02	0.037	0.26769692	0.1553313	0.05980096	0.13597259	1.144936
0.048	0.053	2.53843581	2.51175191	2.79270124	2.85186685	2.60475079
0.393	0.361	4.45712863	4.48067486	4.47233157	4.52405388	4.68517642
0	0	0.29079158	0.18060766	0.15644519	0.19970355	0.03103739
0.044	0.033	1.70732866	1.57738905	2.40655438	2.31992959	1.62609808
0.135	0.123	2.85815431	2.75694047	3.65714011	3.46969545	3.15863067
0.075	0.053	3.23947863	3.28332314	3.96065754	3.89908693	3.41138285
0	0	1.00E-04	0.05842325	0.04939608	0.08846437	0.0875588
0.075	0.078	2.14522682	2.13936712	2.36936247	2.4025016	2.4510496
0.067	0.041	1.63965589	1.69333252	1.41070827	1.59760345	1.5676932
0.151	0.123	3.80426049	4.00159276	3.56616779	3.74795415	3.72926816
0.056	0.086	2.13345064	2.14356455	2.83337874	2.82986707	2.48667138
0.016	0.025	2.60073319	2.63526033	3.21987146	3.21523864	2.6932838

0.083	0.049	2.61754655	2.75771226	3.10715318	3.14756806	2.72668145
0.032	0.016	1.30771054	1.213034	1.38469391	1.47981363	1.70250185
0.119	0.168	3.44907418	3.58361945	3.83495741	3.95447599	3.42265817
0	0	0.00892734	1.00E-04	0.00242908	1.00E-04	1.00E-04
0	0	1.00E-04	0.02442938	1.00E-04	1.00E-04	1.00E-04
0	0.008	0.34426138	0.19492829	0.21260973	1.03891381	0.31126501
0	0	1.00E-04	1.00E-04	1.00E-04	0.00951849	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00155277	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.012	0.85255894	1.44275028	0.81466871	1.17429738	1.27812836
0.044	0.049	2.98983851	2.8425199	2.86607373	3.03905346	2.79482418
0.698	0.672	5.4119633	5.5085627	5.29296729	5.30314891	5.49365718
0.48	0.439	4.764583	5.15673105	4.46380227	4.60038955	4.96393044
0.147	0.143	3.03694598	3.06525389	2.79437864	3.07646749	3.09000009
0.099	0.094	2.46628332	2.76622751	2.66097758	2.8664762	2.50690381
0.095	0.07	2.10716476	2.27666551	2.02045373	2.1366469	2.392796
0.016	0.008	1.78517828	2.12546107	1.6245794	1.75124987	2.54698498
0.115	0.148	3.32429525	3.16862013	3.16001756	3.31599194	3.38904165
0.222	0.238	3.88127431	3.79066667	3.70936794	3.76329388	4.20510236
0.345	0.303	4.38038907	4.40777687	4.41707865	4.4619852	4.83602909
0.159	0.107	2.61245147	2.64907724	2.70876005	2.79376553	2.65747007
0	0	0.45659682	0.51509161	0.7203199	0.78928683	0.41682066
0.508	0.451	4.97125904	5.05111729	4.75687003	4.86198366	5.24054086
0.333	0.357	4.25434215	4.23065077	4.30440252	4.36196833	4.41819279
0.091	0.102	2.41727727	2.45435973	2.57024477	2.63547472	2.86182847
0.393	0.266	3.31640918	3.35924882	3.39378504	3.50449936	3.74880097
0	0	0.06711172	0.13661224	0.14767018	0.10117995	1.00E-04
0.155	0.16	3.07279286	3.1088969	2.8313419	3.11371405	3.2206493
0.063	0.049	2.97191294	3.06284047	2.83549812	2.87665214	2.82940106
0.405	0.389	5.84335363	5.96416073	6.89009948	6.72837554	5.98048528
0.083	0.049	2.75281682	2.64703179	2.99185098	2.98014916	3.08666384
0	0	0.03024537	1.00E-04	0.02051289	0.02817082	1.00E-04
0.008	0	0.13445677	0.12535095	0.13535289	0.13620378	1.00E-04
0	0	0.03113099	0.00614419	0.00855227	0.00460761	1.00E-04
0	0.008	0.15829491	0.33288898	0.23177391	0.25195743	0.85393954
0.016	0.008	1.27803139	2.56551709	0.96014252	1.44491493	1.56185157
0.115	0.098	2.60098995	2.75060303	2.98330888	2.88686247	2.76182516
0.254	0.254	4.3319781	4.48175643	5.22421856	5.16575974	4.13471774
0.147	0.115	2.82614497	3.02506644	3.46074569	3.41348527	3.09550795
0.071	0.061	2.81978023	2.91695988	2.58269425	2.80155365	2.82596297
0.155	0.111	3.25787611	3.20217187	3.33098575	3.40464442	3.15888997
0.063	0.053	1.90792148	1.76808764	1.87525709	1.9386707	2.11145614
0.02	0.041	1.74932118	1.81029294	1.67796408	1.74029719	1.92435069

0.004	0.004	1.2214768	1.48542399	1.48933207	1.455863	1.17181364
0.004	0.004	0.08234226	0.13804621	0.06845779	0.08950147	0.24660597
0.524	0.508	4.62438501	4.70555161	4.28032186	4.40244167	4.7597456
0.242	0.16	3.70578972	3.91862258	3.31481781	3.55576147	3.8898438
0.067	0.045	2.76425406	3.0224057	3.29278036	3.34000921	2.68742316
0.187	0.152	3.98030716	4.11130613	3.97745103	4.05670822	3.90663056
0.353	0.246	5.0582328	5.19270123	5.40970428	5.35223024	4.69671845
0.008	0.004	0.09855661	0.21040395	0.2082888	0.20016573	0.39379038
0	0.004	0.29836054	0.28793867	0.32875441	0.41959461	0.44698107
0.024	0.02	0.4689952	0.40748021	0.38017253	0.40174652	0.62114229
0.532	0.488	4.59123888	4.96514616	5.52804688	5.48793835	4.66023571
0.004	0	0.05122428	0.13833238	0.08133456	0.10437045	0.1046703
0.294	0.311	4.32165766	4.58015003	3.91396359	4.1530472	4.56162266
0.298	0.275	3.78299299	3.89345033	3.78979869	3.9837259	3.62754473
0.254	0.213	4.06755932	4.22330192	3.90920998	4.11946554	3.96230756
0.313	0.328	1.98076599	2.86009826	1.58528983	1.68613306	3.85589139
0	0.008	0.56602927	0.49626982	0.15681401	0.08773271	0.11815859
0	0	1.00E-04	1.00E-04	0.00440851	1.00E-04	1.00E-04
0.028	0.016	2.94933674	3.01609292	3.15376461	2.95847394	3.32414358
0.095	0.098	2.94439916	2.99662173	3.21439612	3.14631849	3.00488274
0.044	0.025	2.24014632	2.32618023	1.86099188	1.99797091	3.02541315
0.147	0.143	2.6854262	2.62671912	3.29444682	3.24644555	2.80180419
0.313	0.291	4.2168595	4.40851151	3.99931456	4.20935868	4.23402103
0.575	0.525	5.88125948	6.06101502	5.37014705	5.54795504	5.75286192
0.008	0.004	0.68166379	1.23983186	0.64965088	0.73616412	0.07789652
0.071	0.037	3.46956042	3.47518465	3.89796824	3.85770269	3.38763521
0.476	0.512	4.48673738	4.26843049	5.36400158	5.20983419	4.72058469
0.194	0.234	3.25865196	3.32561285	3.66612346	3.74866557	3.49228795
0.671	0.68	4.710624	4.55468768	5.34345948	4.90680893	5.13962522
0.306	0.193	5.36982922	4.94120801	5.77691251	5.58991972	5.78163662
0.071	0.049	2.61350509	2.79230152	2.89237241	2.52498021	2.76636047
0.004	0	0.37868895	0.62692345	0.33190674	0.48322362	0.10004652
0.028	0.012	3.66007295	3.51530542	3.7178812	3.759674	3.75617468
0.02	0.033	0.34987797	0.36949353	0.23454706	0.2407761	0.99087595
0	0	1.00E-04	0.02999129	1.00E-04	0.053778	1.00E-04
0.151	0.148	3.03912792	3.10579781	2.97585479	3.16318111	3.19726017
0.048	0.07	2.5139187	2.39246722	2.68862596	2.91872682	2.80938654
0.194	0.221	2.81666712	3.32863355	2.75753745	3.130705	2.92949988
0.103	0.123	2.69448852	2.88759577	2.50137265	2.69615828	2.88451417
0.012	0.012	1.80477004	1.89911385	1.72163567	1.91674707	1.24031552
0	0.004	1.31938724	1.19128537	1.17021273	1.28126829	0.29886169
0.329	0.266	4.10071881	4.49986137	3.75852283	3.89319351	3.9741465
0.008	0	0.43204816	0.97468362	0.47612311	0.68252968	0.963868

0	0	0.70794376	0.58447257	0.81254509	1.30646765	0.57590483
0.242	0.225	2.8383994	2.79129232	3.23181914	3.11300984	3.20334313
0.06	0.053	2.3546972	2.34666185	2.19173487	2.3539306	2.3274907
0.214	0.27	3.49218799	3.59710893	4.0906365	4.01436338	3.78225405
0.175	0.209	3.28343384	3.35131877	4.03889319	3.94022243	3.73512411
0	0	1.91736749	1.66355907	1.57231966	1.7458006	1.66442608
0.071	0.057	1.65761226	1.84343622	2.09318063	2.14762683	2.04553602
0.425	0.455	4.64912238	4.54482369	5.00580569	5.01070905	4.92520412
0.258	0.213	5.56715756	5.49609421	5.89726496	5.45399512	5.40588262
0	0.004	0.16266628	0.29330939	0.24094707	0.32209442	0.44535323
0.155	0.148	4.83193623	4.92150007	4.73222224	4.88423342	4.64539497
0	0	1.00E-04	1.00E-04	1.00E-04	0.0019345	1.00E-04
0	0	0.07634665	0.1583122	0.06161901	0.06028458	1.00E-04
0.004	0	0.50253881	0.40849062	0.17431003	0.18192863	0.80198074
0.353	0.27	3.82907398	3.94083994	4.67577957	4.61369447	4.17034616
0.075	0.053	3.26785328	3.31867561	3.79688192	3.70113596	3.56913514
0	0	0.05756335	0.12007774	0.08360337	0.0784683	1.00E-04
0.012	0.008	0.23525506	0.54935128	0.63138698	0.69096376	0.254208
0.004	0	1.08030122	0.93759857	0.87783346	1.12069178	0.360132
0.008	0.012	0.11949331	0.75154827	0.73660188	0.78233113	1.00E-04
0.012	0.008	0.412567	0.52071579	0.48873025	0.54388736	0.52561599
0.004	0	0.1206166	0.14663976	0.11837554	0.1930552	0.13136056
0.004	0	0.13472716	0.06772672	0.07040923	0.08168492	0.1463231
0.095	0.107	2.10858264	2.10908217	2.37155668	2.71225972	2.2779396
0	0	0.27762182	0.2510608	0.16880814	0.29032088	0.08217862
0.06	0.066	2.16033049	2.37510994	2.80876136	2.80656531	2.36581216
0.103	0.082	1.82712749	1.7334719	1.95014337	1.93017521	2.01917275
0.075	0.086	2.60492907	2.56943863	2.36693329	2.58943389	2.58880563
0.02	0.025	1.77108074	1.71055299	1.24533364	1.6575832	1.87180407
0	0	0.03554566	0.05428706	0.00937429	0.02746642	0.14850785
0.036	0.008	1.88213679	2.17023299	2.2986636	2.30622085	2.00544381
0.175	0.172	3.38441251	3.47003266	4.09872066	4.01144808	3.72262864
0.155	0.143	3.26255305	3.36135006	3.79518927	3.7827772	3.30229823
0.004	0	0.20565328	0.33903539	0.19875913	0.15978352	0.39361594
0	0	1.00E-04	1.00E-04	0.00175562	1.00E-04	1.00E-04
0	0.004	0.483356	0.46294275	0.35797086	0.36160793	0.88578346
0.385	0.373	3.99102895	3.64039115	4.97573521	4.80736997	4.44945135
0.004	0.004	0.36391634	0.24030939	0.34439103	0.27084122	0.51325864
0.004	0	0.10796276	0.14890453	0.19577345	0.12903939	0.19290486
0.107	0.111	2.41948638	2.50279638	2.47842236	2.54493025	2.51604091
0.02	0.029	1.8198056	1.95732697	1.95910388	2.04876872	2.02205532
0.004	0	0.08429177	0.17338935	0.15302174	0.25471841	0.08932255
0.075	0.061	1.86211497	1.88246655	2.42792739	2.34850966	2.13553744

0	0	1.00E-04	1.00E-04	0.00175955	1.00E-04	1.00E-04
0.028	0.025	0.41776166	0.44263615	0.73452119	0.76522083	1.89938063
0	0.004	0.00901903	0.04487322	0.018211	0.02935447	0.04074153
0	0	1.00E-04	0.00491903	1.00E-04	0.00208352	1.00E-04
0.028	0.016	1.63836721	1.64268482	1.67297958	1.83131307	1.63731356
0	0	1.00E-04	0.01756728	0.01762512	0.02669503	1.00E-04
0.119	0.111	3.37646763	3.41169576	3.15906901	3.37573645	3.40558827
0	0	0.04340839	0.0418123	0.04168081	0.09185296	0.06483355
0.02	0.025	0.96670503	1.22702393	1.0684609	1.2623865	1.34724075
0.02	0.033	1.25743513	1.07858826	1.50232123	1.66697157	1.52279355
0	0	0.32683161	0.31453086	0.1087123	0.13706399	1.00E-04
0.032	0.008	0.50554657	0.64646478	0.63262538	0.76325874	0.52812628
0.056	0.045	1.81634844	1.97073328	1.7708285	1.93659338	2.04504308
0	0	0.14600282	0.25428758	0.44335147	0.331511	1.00E-04
0.083	0.115	2.50544218	2.31837681	2.77714234	2.69656409	2.87889883
0	0	0.11478304	0.22166743	0.04846212	0.09265968	0.21913066
0.032	0.025	1.41579706	1.56486832	1.69742564	1.79442061	1.58429647
0	0	1.00E-04	0.05050403	0.01332713	0.02719926	1.00E-04
0	0.004	1.00E-04	0.20782043	0.09747697	0.097266	0.19944765
0	0	0.08872926	0.18121665	0.08421331	0.13245226	0.08329973
0	0	0.11456802	0.11964306	0.13109641	0.21537886	0.20603881
0.016	0.012	0.70432048	0.89162804	0.99227633	1.19637057	0.87387835
0	0.004	1.12168396	1.16011564	1.1441432	1.31037725	0.76113598
0.04	0.02	1.62580485	1.53143833	1.89573149	1.88784175	1.48339958
0.008	0	0.25298237	0.07967464	0.08442726	0.11845012	0.09697589
0.024	0.008	1.72319086	1.9452873	2.18176605	2.15488459	2.00585598
0	0	0.37679162	0.57003184	0.40773339	0.44324137	0.30989773
0.008	0.008	0.0988673	0.19811459	0.22837005	0.33085505	0.07400543
0	0	1.30847204	1.02951673	0.90801955	0.88298723	1.00E-04
0.21	0.18	2.90113187	3.03952727	2.71973796	3.10868844	3.05790921
0.016	0.008	0.66099127	1.0300091	1.20058295	1.33317669	0.68396724
0	0	0.00895124	0.00894762	0.02061897	0.00943066	1.00E-04
0.044	0.037	2.68444042	2.9355187	2.75371084	2.89254805	2.38987223
0.369	0.352	4.0434402	4.09300869	4.6579457	4.60721743	4.18879872
0.107	0.139	1.5814404	1.85233119	1.69485616	1.91978159	1.85811633
0.06	0.094	2.04696473	2.12195945	2.88774775	2.79182401	2.19006513
0.02	0.016	1.14636263	1.29365836	1.96629497	1.75431365	1.3750979
0.004	0	0.99554075	1.13792721	1.39855729	1.46004089	0.97132529
0.139	0.086	3.73108264	3.8015176	3.44760726	3.60965677	2.51073397
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.056	0.041	0.73574695	1.2862101	1.31249717	1.12541469	0.30774335
0.004	0.004	0.43610164	0.38163667	0.86970498	0.72944316	0.82406247
0.004	0.004	1.82430218	2.02369299	2.02505226	2.50005099	0.82810164

0.008	0.025	1.16970932	1.40820383	1.25384913	1.49681437	1.1427435
0	0	0.0362762	0.03166367	0.0929365	0.03523349	0.05513227
0	0.012	0.04568993	0.41665394	0.27887164	0.2841135	1.00E-04
0	0	0.38761357	0.16764246	0.41411755	0.40330895	0.50400193
0.04	0.004	0.83775282	1.39722538	1.51824773	1.37767685	0.36610322
0.004	0.004	1.01094185	0.89254879	1.0617023	1.04156368	0.96974323
0	0	0.07734998	0.12560836	0.0500758	0.09983762	0.3194538
0.008	0	0.35693014	0.71714771	0.65197291	0.77260801	0.05536594
0	0	0.61809541	0.35828741	0.14027475	0.32580812	0.85483361
0.004	0.004	2.09057526	2.10203466	1.44439058	1.60837381	1.91222511
0.008	0.02	0.38117546	0.44404682	0.21121114	0.29916168	0.39358902
0.242	0.189	4.42687585	4.42039781	5.27503856	5.16642029	4.299156
0	0	0.02407486	0.06637962	0.02916507	0.01843364	0.11325959
0	0	1.00E-04	0.01672827	0.00771403	0.01560466	1.00E-04
0.028	0.02	1.16403217	1.63566506	1.10504742	1.23947771	1.17607786
0.012	0.025	1.211795	1.0205807	1.52631069	1.53845539	1.29312469
0	0	0.44828684	0.20211501	0.21839092	0.32003592	0.18156613
0.004	0	0.37575599	0.36690741	0.37997315	0.49835574	0.18825695
0	0	0.05322675	0.0603965	0.02295509	0.06767249	0.14008207
0.008	0.029	2.12663634	1.83302493	2.31335728	2.30563936	2.12014731
0.222	0.246	3.74448549	3.43407724	3.81779638	3.78017903	3.96079039
0.155	0.131	3.40602757	3.66609402	3.44772855	3.61219641	3.46838183
0	0	1.00E-04	0.02665618	0.00624562	0.02654357	1.00E-04
0.008	0.004	0.30160605	0.27163424	0.3299065	0.34192989	0.49349245
0	0.008	1.06928091	0.88757597	0.96713442	1.11144136	1.47235597
0	0	0.11329333	0.21478638	0.2165259	0.24519151	0.13602798
0.119	0.131	2.81041554	2.93703339	3.51883449	3.38291942	3.16386802
0	0	1.00E-04	0.07676099	0.07041591	0.05344156	1.00E-04
0	0.004	0.41024033	0.6335845	0.34169226	0.573153	0.89412631
0.044	0.02	2.06611081	1.96551564	2.5343102	2.59733099	1.97784685
0.056	0.037	2.56513705	2.65020786	2.98701647	2.9957344	2.71931552
0	0	0.01023917	0.0858344	0.06343121	0.06642851	1.00E-04
0.115	0.107	3.34239771	3.21040983	3.86461363	3.88384657	3.41421949
0.016	0.025	1.19721266	1.12221128	1.18629634	1.39278776	1.43766603
0	0	1.00E-04	1.00E-04	0.02049977	0.00430818	1.00E-04
0	0	0.09765797	0.13493556	0.11582931	0.15839149	0.17882878
0.083	0.082	2.797743	2.52324938	2.71117947	2.6444322	2.7139098
0.008	0.008	0.01109182	0.25359946	0.21800969	0.23046666	0.09061999
0	0	1.00E-04	0.02965996	0.05764731	0.04541626	1.00E-04
0.008	0	0.34681685	0.55277123	0.42872793	0.63296805	0.99120916
0	0	1.00E-04	0.03577275	0.00350844	0.01584858	1.00E-04
0.008	0.008	0.21653652	0.26741942	0.09668217	0.0853479	1.49070965
0.111	0.086	2.39304208	2.52837379	2.90058895	2.93372018	2.68862132

0.317	0.209	3.62844336	3.89205793	3.30526263	3.47265178	3.68923998
0.155	0.168	3.64008124	3.760702	4.35663915	4.30247539	3.76153145
0.012	0.016	0.3076109	0.2033166	0.21647247	0.28668219	0.64189963
0	0.004	0.00766418	0.04782085	0.01106584	0.02338936	1.00E-04
0	0	0.08732746	0.07139168	0.04122035	0.11249649	1.11106671
0.087	0.098	2.68567186	2.75012364	2.83479606	2.92054482	2.70291825
0.202	0.152	3.50316413	3.66575121	4.32098794	4.25433682	3.73781505
0.091	0.078	2.49159586	2.55757486	3.05273714	3.03484219	2.82588619
0.012	0.004	0.26575262	0.54703152	0.59488642	0.47601721	0.04565632
0.024	0.012	2.77718562	2.63581487	3.16388543	3.14307769	3.08413609
0.004	0.012	0.56983584	0.78009592	0.53050789	0.68418407	0.64534795
0.012	0.037	1.51099205	1.8731154	1.69157602	1.84957317	1.93551576
0.329	0.328	3.90148817	3.82934639	4.77879182	4.56852205	4.25351015
0.012	0.004	1.93278338	1.58935439	1.68515811	1.91950454	1.63341785
0.02	0	0.1155931	0.31829662	0.22595594	0.29645525	0.32056515
0.147	0.115	2.93214957	3.60065533	3.02284196	3.19676672	2.80564087
0	0	0.0236053	0.10758832	0.06753509	0.06001045	1.00E-04
0.012	0.033	1.17977765	1.07413664	0.9977489	1.19731496	1.46189042
0.004	0.004	0.05832833	0.06300207	0.18819735	0.16212451	0.55555377
0	0	0.05286978	0.1041086	0.14337454	0.14262442	0.08703576
0.123	0.143	3.11013615	3.15324306	3.63269066	3.6835949	3.24400297
0.302	0.332	3.83012862	4.04451037	3.5789686	3.62645649	4.28830419
0.067	0.057	2.47123971	2.4809946	3.02913724	3.04807251	2.60112067
0.004	0.004	0.98980917	1.15446341	1.25887883	1.43552849	0.74460276
0.024	0.008	0.68156906	0.80944303	0.77538731	0.88909453	0.68604535
0.004	0.008	0.16431498	0.24843126	0.08159278	0.10485778	0.30619136
0.032	0.033	1.86823261	1.62412942	1.80039308	2.09193548	1.5192277
0.036	0.033	2.07455479	2.17940615	1.7813295	2.08428455	2.310467
0	0	0.02392636	0.06409339	0.03956604	0.03622332	0.24406066
0	0	1.00E-04	0.20547734	0.0639134	0.05117785	1.00E-04
0.155	0.131	3.4252683	3.52229461	4.49804255	4.49291264	3.85313143
0.012	0.012	3.31127713	3.47532363	3.32528806	3.46043368	3.13380404
0.143	0.152	2.78653104	2.88534718	3.22020031	3.29775127	3.08100102
0.004	0	0.09693823	0.22905787	0.20109059	0.19542028	1.00E-04
0	0	0.05667504	0.1393849	0.09548	0.10155647	0.14984514
0	0.012	1.00E-04	0.36897203	0.25755054	0.19717459	1.00E-04
0.075	0.082	2.43777701	2.54696289	2.31165377	2.62430759	2.37881197
0.099	0.045	4.11624043	4.31824422	4.96350964	4.82055934	4.60326761
0.004	0.004	0.67627099	0.75922506	0.59263446	0.76982651	1.03573776
0.063	0.033	1.96588609	1.97601962	2.42855654	2.37490741	2.18090924
0	0	1.00E-04	0.04562308	0.00887016	0.01567776	1.00E-04
0.004	0.004	0.34645585	0.44213828	0.32909755	0.59036309	0.39568603
0.016	0.004	0.30474604	0.32332335	0.36271878	0.29950443	0.12818845

0.004	0	1.25166553	1.51762639	1.47784415	1.75982647	1.60380823
0.008	0.012	1.32649271	1.40167057	1.11570427	1.17057726	1.43710588
0.024	0.016	0.46135121	0.68749646	0.54244293	0.5396492	1.74476372
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.024	0.037	1.12622161	0.9441482	1.59037357	1.639911	1.05198055
0.004	0	0.24806509	0.2203522	0.08934905	0.16125409	0.47609494
0	0	1.00E-04	0.00691989	0.00828681	0.00527615	1.00E-04
0.131	0.115	2.80813899	2.86539576	3.36807126	3.37873296	3.08791801
0.151	0.131	3.0905373	3.23949228	3.78352047	3.75954131	3.33205433
0.06	0.066	2.16584547	2.42234818	2.72765739	2.7005535	2.32818915
0.111	0.119	3.00348052	2.83367416	3.05067563	3.13128444	2.98212512
0.008	0.008	1.00479956	1.22755039	1.51641311	1.48075597	1.41799626
0.016	0.004	0.83679184	0.85099082	0.9309168	1.02572314	2.02079878
0.071	0.049	1.23671277	1.28525395	1.77508508	1.97693003	1.5941207
0	0.004	0.051028	0.04588886	0.04521538	0.04463473	0.23027817
0.079	0.094	2.63500975	2.7645496	3.48026244	2.63830904	2.78326731
0.008	0.008	0.196698	0.42200799	0.25112907	0.30009303	1.00E-04
0	0	1.00E-04	1.00E-04	0.0130106	0.00611594	1.00E-04
0.036	0.025	3.3533274	3.91618005	4.33767663	4.3581901	5.02132308
0.091	0.07	5.0136329	5.62223196	5.81091126	6.14660105	5.04983505
0.202	0.18	4.00803881	3.91592243	4.72866055	4.64559225	4.1033343
0.063	0.016	4.26784183	4.82859221	4.82635578	4.99077119	4.84575898
0	0	0.02658591	0.02186157	0.02881282	0.01063897	0.05965215
0.004	0.004	0.13240881	0.12631975	0.05268424	0.08927112	0.04953157
0	0	1.00E-04	1.00E-04	0.00719552	1.00E-04	1.00E-04
0.012	0.008	0.07854756	0.11211908	0.10667298	0.11133559	0.13728377
0	0.004	0.06462509	0.11640023	0.09866681	0.09218835	0.34522569
0.008	0	0.23713315	0.48307875	0.29973885	0.37304494	0.33068572
0	0	1.00E-04	0.00296452	1.00E-04	0.01136259	1.00E-04
0.02	0.012	0.10496753	0.21758253	0.15361136	0.1502747	0.25207751
0	0.004	1.64731913	1.79572253	2.31773897	2.13289662	1.21933222
0.036	0.033	1.00E-04	1.00E-04	0.00508942	0.00822919	1.00E-04
0	0	0.24934497	0.35676543	0.18707874	0.31697055	0.24934007
0	0	0.11146962	0.55356976	0.27122893	0.31978429	0.10661794
0.048	0.025	4.33575774	4.62002591	4.63443088	4.56742817	3.86987004
0.028	0.012	1.69381122	1.99981845	1.55494385	1.72423011	1.37118413
0	0	0.11969316	0.20214204	0.07590551	0.16726294	0.10206655
0.127	0.184	1.41473367	1.54595522	1.76096012	1.79659295	1.92007234
0.075	0.082	2.320502	2.42760191	2.38561331	2.5916873	2.01904016
0.028	0.045	2.31883886	2.56705283	2.23557248	2.4420544	2.51457872
0.008	0.016	1.20949402	1.12507547	1.04946389	1.21015512	1.11148495
0.365	0.295	4.38371183	4.38753714	3.93712797	4.36614347	4.63000383
0.02	0.02	0.15079085	0.44356947	0.18097935	0.19375795	0.7267939

0	0	0.03870283	0.05491956	0.12400257	0.07620966	1.00E-04
0.008	0.004	0.61698262	0.86348234	0.98805221	1.12621068	0.69641142
0.135	0.111	2.76945584	2.60051525	2.50623336	2.85907994	2.90250083
0	0	0.21136817	0.14464514	0.19359379	0.2672728	0.04625257
0	0	1.00E-04	0.0198184	0.01251812	0.01708933	1.00E-04
0.087	0.094	2.47069442	2.67641776	3.13732425	3.12009332	2.79051831
0.004	0	0.65278682	1.13080005	0.64015172	0.66509362	0.86538824
0.012	0.008	1.87636738	2.43463718	1.86318101	2.12926366	1.58851581
0	0	1.00E-04	1.00E-04	0.00349776	1.00E-04	1.00E-04
0.111	0.119	3.0477601	2.88611064	2.882418	3.02814719	2.82532109
0.052	0.057	2.69314924	2.72825672	2.96505288	3.06235078	2.67251226
0.206	0.172	3.5966693	3.73516459	3.20061829	3.3122919	3.67520932
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.5362357	0.8271229	0.37605367	0.4545706	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00869188	1.00E-04
0.206	0.209	3.85269957	4.17499167	3.4485721	3.7133396	4.21894617
0	0	0.10126955	0.25930377	0.11726654	0.1677203	1.00E-04
0	0.004	0.10882406	0.1113486	0.13455523	0.11884349	0.05681065
0.008	0.004	0.12638204	0.27364526	0.11379876	0.25528203	0.37400554
0.016	0.012	0.75915923	1.0018144	0.86373445	1.01303821	0.96500752
0.024	0.016	1.74368887	1.74084526	1.63309277	1.90148335	1.27119227
0.004	0.004	0.25622158	0.65867371	0.17424437	0.20732674	0.41484911
0.004	0	0.60737905	1.2050428	0.98666164	0.76537612	0.11574477
0.083	0.07	2.52286286	2.474148	2.84635021	2.75727586	2.54894356
0.004	0.008	0.06887353	0.12409969	0.08260692	0.08649844	0.16787362
0	0.008	0.01476222	0.25407991	0.07914617	0.11330684	0.29158532
0.063	0.045	2.92293558	3.16575102	3.09163034	3.18805993	3.12127824
0.004	0	0.54271236	0.79034156	0.41848606	0.52814158	0.19819352
0.004	0.004	0.17652668	0.23721014	0.30788719	0.1600976	0.28838064
0.008	0	1.21769279	1.01246456	1.74079881	1.86642243	1.248818
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.33222722	0.39585644	0.49379029	0.48383606	0.68344019
0.008	0.004	0.80600415	1.14060964	1.3972235	1.3245013	3.28010792
0.052	0.016	3.92669423	4.49826027	4.87208405	4.59974533	4.09746861
0	0.016	0.40632468	0.59539811	0.57907715	0.67353279	0.36663111
0	0.004	0.10911052	0.08458917	0.06015221	0.06379834	0.28536206
0.135	0.115	2.32825121	2.44060702	2.3813618	2.41590286	2.23653033
0.004	0.004	1.41009593	1.40569752	1.80433145	1.73402093	1.62376874
0.032	0.045	1.87461346	2.06680594	2.15659839	2.17644727	1.88826275
0	0	0.04985014	0.06165768	0.05397569	0.0753716	0.16810537
0	0	0.02003625	0.13504894	0.03427671	0.07450574	0.25270924
0.369	0.455	4.39734529	4.39846486	4.8576333	4.92125221	4.56892528
0	0	0.11972245	0.20099221	0.14576008	0.20535664	1.00E-04

0.024	0.041	1.57043932	1.93695655	1.86183434	2.14523357	1.89819789
0	0.004	0.24492808	0.33937181	0.27766665	0.30700342	0.12703038
0.012	0.004	0.48386639	0.82320761	0.63163289	0.90787151	1.00E-04
0	0	0.28888936	0.19189063	0.08957809	0.17237352	0.19390651
0.004	0	0.01083911	0.4036612	0.23130939	0.25943198	1.00E-04
0.056	0.082	2.8057911	2.82259763	3.16680861	3.19907751	2.73201393
0	0	0.75615107	0.93709787	0.96024076	1.13734146	1.07432702
0.067	0.029	1.31496795	1.45578649	1.82135189	1.85550179	1.50089609
0	0.004	1.2255913	0.9800285	1.42597734	1.73332192	0.92303789
0	0	0.06713262	0.03124222	0.00906092	0.0770113	1.00E-04
0	0.004	0.28386129	0.43342758	0.25748968	0.4487221	0.19782941
0.012	0.016	0.87106385	1.01202294	0.67352259	0.89940923	0.7217491
0.075	0.086	2.29679011	2.19370952	2.92828115	2.80174336	2.61493784
0	0	1.00E-04	0.01571188	0.0081157	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00128629	0.00212219	1.00E-04
0.008	0.041	1.42838164	1.5994218	2.01973318	2.06970723	1.57048541
0.04	0.111	2.37433991	2.43597272	2.74621733	2.84096455	2.47158199
0.032	0.033	1.69528215	2.09920531	2.45645404	2.31258837	2.13795039
0	0	1.00E-04	1.00E-04	0.00152308	1.00E-04	1.00E-04
0.349	0.303	5.42632704	5.7885175	5.54420207	5.65628945	5.29094766
0.123	0.135	3.57482123	3.63353514	3.64180214	3.7166642	3.41933723
0.004	0.008	0.74787813	0.68298185	0.91288131	0.95454875	1.02300524
0.004	0	1.07256962	1.20409405	0.73978874	0.99514725	0.84815285
0.071	0.037	5.01987682	5.25552256	5.43371608	5.35720535	5.08794184
0.004	0	1.05537379	1.10750803	1.12665655	1.15742895	0.88478776
0.012	0.004	1.54318075	1.26287036	1.89148458	1.98394163	0.8229925
0	0.004	0.83991589	0.53638777	0.38010486	0.49879928	0.91323585
0.123	0.168	2.76130354	2.70920728	3.44433247	3.37979614	2.85329925
0.345	0.406	4.29477149	4.41040214	5.53869867	5.41306534	4.65666339
0.127	0.111	2.95895478	3.56120825	2.93915414	3.25441815	3.41536359
0	0	0.22123881	0.18468592	0.07162794	0.1307889	1.00E-04
0.016	0.008	1.57217712	2.26701472	1.90920173	1.96355358	2.35101618
0.04	0.033	1.97024275	1.89040238	2.22702416	2.18353695	1.67521259
0.012	0.004	0.07609409	0.3553169	0.11746264	0.21470832	1.00E-04
0.032	0.037	1.55697745	1.7486765	2.26827976	2.30079106	0.20506361
0.016	0.025	0.0459889	0.24246918	0.07126213	0.05106211	0.82382012
0.016	0.008	1.95244294	2.45062513	1.56718708	1.90420058	1.90297482
0	0	1.00E-04	0.01340769	0.01376046	0.03722121	1.00E-04
0	0	1.00E-04	0.00583965	0.00550762	0.03281576	1.00E-04
0.119	0.094	2.91632795	2.95476409	3.24121351	3.24151402	3.01568292
0.115	0.107	2.61088896	2.5183663	2.25892204	2.70077289	2.61939307
0.099	0.123	2.80369965	2.89051484	3.2773493	3.15209849	3.00440871
0.032	0.033	1.24076705	1.10949023	1.48824203	1.50511465	1.5927184

0.052	0.045	2.19106969	2.23235379	2.16756039	2.45191503	2.44329044
0	0	0.01180121	0.18314184	0.07113383	0.06446212	1.00E-04
0	0	1.00E-04	0.01118339	1.00E-04	0.0110356	1.00E-04
0	0	0.57097917	1.2770686	0.50181748	0.60545886	0.47875837
0.028	0.025	0.69374214	0.9985722	0.94850813	0.86543156	0.09482963
0.048	0.045	2.89676699	2.80557962	3.0621353	2.98139959	3.05477767
0	0	1.00E-04	0.02182947	0.01794993	0.02819329	1.00E-04
0.278	0.246	3.24229408	3.94969232	3.29869628	3.51153716	3.29420622
0.052	0.025	0.82583223	0.99366434	0.80803784	0.92651003	1.45121999
0.048	0.115	2.1917417	2.12339863	2.80724422	2.80766592	2.30328995
0	0	1.00E-04	1.00E-04	1.00E-04	0.00202306	1.00E-04
0.083	0.086	2.53757708	2.69126747	3.37373586	3.27948055	2.76366983
0.004	0.008	2.02546357	0.86177234	0.26937508	0.27325301	2.24890911
0.06	0.086	2.53773151	2.53991144	3.1493564	3.06312181	2.64148639
0	0	0.18784321	0.12776638	0.10825189	0.09994771	0.0681023
0	0	0.42954887	0.5393444	0.40895173	0.4190978	0.20219993
0.056	0.061	1.6890534	1.78181903	1.6504528	1.85938359	1.7346618
0	0	1.00E-04	0.01452555	0.00974198	1.00E-04	1.00E-04
0.028	0.025	1.64990297	1.76816246	1.6314599	1.8629235	1.63832868
0.083	0.115	2.85638741	2.8870447	2.93657857	3.21053761	3.21322907
0.103	0.119	2.47605091	2.40149644	3.04358627	2.98792551	2.69488854
0.147	0.123	3.91840712	4.07086905	3.53325733	3.68197407	3.70774113
0	0	0.05269165	0.07989459	0.14719159	0.11671209	1.00E-04
0.131	0.135	2.51205282	2.50092194	3.24173185	3.17049898	2.8828173
0	0	0.04975625	0.0060307	0.01938603	0.01341146	1.00E-04
0.008	0.004	0.92841138	0.9144106	0.9841544	1.1651856	1.24639001
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.04658592	0.06535265	0.03248855	0.05926192	0.18380993
0	0.016	0.74991555	1.22389317	0.4761563	0.45720926	0.55914091
0.012	0.02	1.47968847	1.60057958	1.25965456	1.4804732	1.67537057
0	0	1.00E-04	1.00E-04	1.00E-04	0.01617668	1.00E-04
0	0.004	0.8274169	0.69663916	0.96124406	0.92887773	0.86326736
0	0	1.00E-04	1.00E-04	0.00569221	0.00773191	1.00E-04
0.06	0.045	2.00283083	2.0959946	2.29626462	2.38942633	1.87983763
0.067	0.057	2.25651865	2.31228351	2.67222406	2.7010553	2.1826161
0	0	0.10784269	0.07939753	0.06820175	0.11816029	1.00E-04
0	0	0.03004554	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.24148675	0.22877704	0.12404533	0.09514881	0.32728257
0.024	0.012	1.34502339	1.39945663	1.82612323	1.82916737	1.48598678
0.016	0.004	3.47336235	4.23355009	3.14660456	3.06425858	3.37695862
0	0	1.00E-04	0.02396066	1.00E-04	1.00E-04	1.00E-04
0.004	0	1.00E-04	0.01790227	0.00687648	0.01190102	1.00E-04
0.21	0.283	3.25657663	3.266387	3.39370724	3.49110201	3.33599194

0	0.004	0.86729499	0.98259629	1.38329627	1.36233866	1.196045
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.07248421	0.04983115	0.00480104	0.00608649	0.17410001
0	0.004	0.21472258	0.36084744	0.3112931	0.31086146	0.24942332
0	0	0.18365838	0.13896529	0.08692474	0.08441903	1.00E-04
0.099	0.094	2.66372888	2.62872867	2.80222418	2.87289097	2.73838701
0.012	0.012	0.05351863	0.07293437	0.04364911	0.05595589	1.00E-04
0	0	1.00E-04	0.00814802	0.00149093	0.00351624	0.11594049
0.115	0.127	4.07355275	4.00902103	3.97923365	4.07006428	4.25548393
0.012	0.004	0.0334088	0.0642684	0.03612837	0.0654881	1.00E-04
0.004	0.004	0.77616124	0.66086662	0.45682808	0.46336423	0.14221833
0.024	0.012	0.88197347	0.59563839	0.82239684	0.85982152	1.12533708
0	0.004	0.22532764	0.57016948	0.28617873	0.40558915	0.17516373
0	0	0.08094107	0.05427676	0.06679924	0.05989254	0.31318801
0	0	1.00E-04	1.00E-04	0.02599635	0.02909075	1.00E-04
0	0	0.52609156	0.14156387	0.33290658	0.28692909	1.00E-04
0	0	1.00E-04	1.00E-04	0.00132696	0.00361711	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.00524491	0.0012905	1.00E-04
0.016	0.029	0.39297326	0.21783797	0.16355993	0.20179624	0.51771195
0.099	0.135	3.25966159	3.09760597	2.84686766	3.05777302	2.90191585
0.095	0.172	0.13840475	0.16821757	0.1470509	0.19157459	1.00E-04
0	0	0.07411402	0.15647957	0.13959604	0.10214134	0.04444165
0.008	0.004	0.04289209	0.20254957	0.05206066	0.0606663	1.00E-04
0.06	0.016	2.66393163	2.63046996	3.43128741	3.45859102	2.84496945
0.19	0.184	3.30208611	3.44809555	3.21671306	3.36173291	3.46863851
0.635	0.582	5.5481643	5.5767021	5.38226625	5.43308357	5.79039678
0.044	0.033	2.39976123	2.46121949	2.33763096	2.56098995	2.317989
0	0	0.26563961	0.64420271	0.37584949	0.31433365	0.1540045
0.246	0.275	3.41445652	3.47043917	3.20290216	3.35252664	3.59794205
0.083	0.074	4.60640562	4.25180596	4.05668641	4.19735174	4.14459633
0.012	0.029	1.01990263	1.09177953	1.08556642	1.15885271	1.1038468
0	0	0.08402556	0.17204921	0.14237091	0.14492086	0.06942735
0	0	1.00E-04	0.00885737	0.03413831	0.02270586	1.00E-04
0.048	0.012	0.78493747	0.86441426	0.71399219	0.9119797	1.20126376
0	0	1.00E-04	0.04485438	0.0491388	0.04567518	1.00E-04
0.099	0.082	3.3885414	3.62056519	3.27220819	3.23146992	2.76541838
0.008	0.004	0.91083666	1.18035311	1.35452478	1.34395123	0.89545055
0.012	0.008	0.19674588	0.73148941	0.27000361	0.3933851	0.76134561
0.083	0.094	2.59166473	2.73900545	2.66720843	3.12173009	2.57242058
0.06	0.078	1.38143732	1.39497208	1.51881851	1.21283934	1.44033639
0.008	0.033	1.09944841	1.33799449	1.33339595	1.6146881	1.25218513
0.02	0.033	5.32927012	5.62652351	4.51933321	4.83013495	2.5769867
0	0	0.20660317	0.22418615	0.14693677	0.19396091	0.92677094

0.024	0.012	2.04879076	2.24715573	2.0399567	2.28210385	2.29710751
0.004	0	0.31293912	0.41628286	0.52355759	0.18955817	0.43623668
0	0	0.02045958	0.05750991	0.0593615	0.07214824	1.00E-04
0	0	0.14839913	0.07838754	0.04159992	0.06124545	0.08810307
0	0	3.29499662	3.19726672	1.60740334	1.64738124	0.63616857
0.016	0.004	0.0924886	0.07936549	0.03630849	0.0900756	0.10354284
0.012	0.012	0.74122253	0.37318155	0.31365526	0.40096831	0.35123849
0.008	0.004	1.22467438	1.12196599	1.27422946	1.45561277	1.55107858
0.008	0.008	0.9193555	0.93284043	0.72614206	0.74796662	0.96169672
0	0.004	0.64315011	0.77037219	0.7255497	0.83682107	0.55139155
0.024	0.016	1.63679836	1.81313373	1.42350091	1.48411115	1.49468431
0.111	0.119	7.14853831	7.22213818	6.72260017	6.75480989	6.72932507
0	0.004	0.01638652	0.14078539	0.0406803	0.07471425	1.00E-04
0	0	0.12325613	0.17862196	0.1872074	0.29602287	0.22044559
0	0	0.12375819	0.18549912	0.19652035	0.1490907	0.21005968
0	0	0.06988207	0.0963532	0.03928083	0.02683363	1.00E-04
0	0	0.01111788	0.03212407	0.02048787	0.0357797	0.07583547
0	0	1.00E-04	0.03444572	0.04301917	0.04718309	1.00E-04
0	0	0.07655587	0.13630986	0.11810157	0.10798301	0.09412665
0	0	0.06873103	0.0626481	0.04844002	0.02753633	0.04657928
0.012	0.049	1.48534049	1.56856715	1.68175388	1.70518348	1.99721228
0.226	0.197	4.04730304	4.14099285	3.79998006	3.99108223	4.42737304
0.425	0.299	4.38797783	4.12635147	4.96877296	4.67540184	4.61430273
0.024	0.061	2.37340003	2.21539753	2.38059993	2.54395107	2.36732514
0.008	0	4.67660453	5.13281439	3.9037562	3.95234621	4.14390226
0.004	0.012	0.93884465	0.58619834	0.5014225	0.54873265	0.89955464
0	0	0.25077208	0.39395118	0.40951118	0.67627894	0.47912513
0	0.008	0.24487735	0.40071208	0.17379997	0.24442943	0.35041628
0.032	0.016	5.88755096	6.45522634	4.7522243	5.17689406	2.83403584
0	0.008	0.59936984	0.69223478	0.30310201	0.46275669	0.17259925
0.012	0.016	0.67508994	1.04221074	1.15593965	0.6543315	0.75341346
0.004	0	0.04368735	0.04392013	0.08044676	0.06370573	0.03420398
0	0	0.47078899	0.13617507	0.19038683	0.11853454	0.03409116
0.099	0.066	2.77530611	2.60608568	2.84781691	3.00212108	2.61457313
0.325	0.258	3.78531319	3.680358	3.69183786	3.82053634	3.78399452
0	0	0.06859687	0.00835237	0.02372893	0.01829617	1.00E-04
0.008	0.02	2.72480844	2.46440341	2.21050574	2.64596127	4.76433025
0.012	0	1.49453609	1.67331346	1.29151867	1.31233038	0.30041721
0	0	1.00E-04	0.02401826	0.03945786	0.03235148	1.00E-04
0.115	0.098	2.44270122	2.56225932	3.09068417	3.18690095	2.75800287
0	0	0.09647693	0.14270294	0.13420283	0.13907914	0.17209473
0	0	1.00E-04	0.01511433	0.00921183	0.01008299	1.00E-04
0.008	0.02	0.53625306	1.10963788	1.26851832	1.21532114	3.20879526

0.825	0.832	5.56823103	5.52217016	6.22189127	6.08015507	5.88095625
0.512	0.459	5.91191693	5.77019443	6.47468468	6.37868485	6.18222939
0.111	0.127	2.72159175	2.91016501	3.40287868	3.3441113	3.09071901
0	0	0.29468274	0.59125854	0.40061227	0.54948862	0.12897419
0	0	0.04999092	0.11264051	0.06144046	0.04801232	1.00E-04
0	0	1.00E-04	1.00E-04	0.01253219	0.00526622	1.00E-04
0.012	0.012	1.12913369	1.11674326	1.34660398	1.27926675	1.06779146
0.004	0	0.81017558	0.84088796	0.63944584	0.62485758	0.80787079
0.417	0.344	4.97374524	4.81651345	5.62831936	5.46173328	5.41147139
0	0.004	0.214617	0.30329135	0.36629192	0.44683224	0.45783356
0.246	0.197	3.67635719	3.60296503	3.88231489	3.95891373	3.73725134
0.067	0.037	0.94790859	1.23279202	1.26343755	1.36622801	0.59544614
0.04	0.029	3.03384888	3.18533999	3.54583012	3.48320134	3.2523876
0.599	0.68	6.89945837	6.6899757	6.53516022	6.56478489	7.30712349
0	0	1.00E-04	0.02160458	0.01548164	0.0048322	1.00E-04
0	0	0.05722753	0.16881056	0.12840704	0.23832779	1.00E-04
0.008	0.004	0.32728172	0.3220465	0.19459865	0.23459943	0.18810478
0.603	0.549	5.65525764	6.04669143	5.12638546	5.28445311	5.60481917
0.234	0.209	2.94915987	3.13674944	2.85400533	3.1105881	3.25009944
0.004	0.004	1.00E-04	0.07516805	0.05699982	0.04834536	1.00E-04
0.81	0.717	1.64146502	1.70131321	1.6138936	1.18743903	1.56045458
0.04	0.025	3.15065961	2.9889681	3.16055465	3.15873669	2.946633
0.067	0.098	3.89864616	3.72926125	3.86041149	4.03946687	3.65628615
0.44	0.344	4.8431144	5.10353004	4.45867093	4.68954225	5.05782237
0	0	0.01539976	0.10658309	0.050071	0.02830638	1.00E-04
0.298	0.254	4.06914587	4.04491442	4.70816393	4.67367116	4.23582168
0.198	0.078	5.44333712	4.75313703	6.30529032	6.10527131	6.39736105
0.187	0.189	3.21083068	3.29495586	2.85964575	2.96893753	3.33083395
0.087	0.09	4.48951943	4.77319334	4.20838563	4.35153138	4.44296183
0.012	0	0.62966302	0.76025381	0.63176549	0.58383926	0.31925655
0.294	0.27	4.64110987	4.79373558	4.42345529	4.49510266	4.84621692
0.095	0.078	3.28598329	3.39573274	3.44845546	3.56673483	3.37504633
0.337	0.299	4.07831359	4.13415269	3.95788884	4.08498016	4.2688186
0	0	0.05056123	0.14104548	0.14067042	0.13952349	0.244662
0.048	0.049	2.02265544	2.30322703	2.40095947	2.41355586	2.27440079
0.329	0.336	4.95857056	4.80519505	5.0776605	5.01496061	5.04449007
0.417	0.504	4.96517513	4.85722724	5.32397978	5.35415811	5.16667755
0.004	0.004	0.41800655	0.60938121	0.61419607	0.56052352	0.78687317
0.353	0.336	5.69829974	5.62839041	6.31103609	6.19755165	5.51770886
0.179	0.176	3.56405386	3.79126216	4.00340537	4.02654012	3.67750702
0.095	0.102	1.80282416	1.9116492	2.21552399	2.193508	2.46250069
0.004	0.012	1.7168284	1.79796413	1.95965896	2.08700835	1.52477889
0.063	0.07	1.69401657	1.97227541	1.39524494	1.56182647	0.88488427

0	0	0.15682729	0.07365129	0.0652785	0.1310845	1.00E-04
0	0	0.08056056	0.03706104	0.00427907	0.02453396	0.16617897
0.075	0.066	2.36035359	2.37253979	2.2179345	2.30903331	2.62314935
0.246	0.266	4.50314662	4.70211152	4.37681491	4.41070192	4.49892757
0.036	0.041	4.1037452	4.4451951	3.69880881	3.98342045	4.04584821
0.004	0.016	0.09666344	0.1957917	0.09903718	0.17460437	0.10924328
0.254	0.275	3.79364544	4.00233923	3.61240579	3.85230068	3.76120197
0.004	0	1.00E-04	0.03180342	0.03004543	0.03586304	0.23178281
0	0	0.02733483	0.12511723	0.09383795	0.10778848	1.00E-04
0.246	0.18	4.01825144	4.10064407	4.61002916	4.57358746	4.01996929
0	0.004	0.12281992	0.06041087	0.06450883	0.09083316	0.09618685
0.23	0.27	4.32142222	4.16466397	4.2113397	4.4225682	4.3552584
0.075	0.107	2.8955202	2.92604742	2.62207085	2.84774644	2.84074409
0.063	0.061	1.73707598	2.19467726	2.12786417	2.21673317	1.68761506
0	0.008	0.33314828	0.30030723	0.13605511	0.20851191	0.18295929
0.004	0.008	0.05297365	0.58886663	0.642316	0.60411371	1.00E-04
0.556	0.598	4.89068677	5.02713689	5.00721936	5.10282776	4.97454423
0.496	0.41	5.57085622	5.58350763	5.54225693	5.65346712	5.67133709
0.5	0.492	4.87287493	4.81404868	4.79926497	4.82428466	5.10039894
0.004	0.004	0.17998567	0.42834755	0.23933628	0.22662833	0.48073579
0.46	0.459	0.73173501	1.16328898	0.92034057	0.76728944	3.39669296
0.012	0.004	0.60239339	0.71869157	0.76476509	0.92040526	0.48608102
0.21	0.156	4.03879671	4.19255803	5.01610858	4.8861882	4.37764102
0	0	1.00E-04	1.00E-04	0.01090458	1.00E-04	1.00E-04
0.222	0.234	2.92625459	3.18679071	3.19113258	3.24911673	3.22069769
0.032	0.012	2.87496839	3.01118059	3.29502023	3.37114247	2.9165418
0.008	0	2.68321493	2.45598155	2.93633246	2.99349437	2.96460452
0.067	0.094	2.57949864	2.8822678	2.26259144	2.62910224	2.76361908
0.242	0.254	2.63059353	2.69104966	3.13613012	3.0824224	2.84420673
0.075	0.094	2.68608978	2.86236328	2.66892624	2.81343173	2.82642152
0.365	0.402	4.79144123	4.91406355	4.68186924	4.81059073	4.49142321
0.036	0.061	0.4968715	0.61055165	0.47568681	0.49857223	0.82956822
0	0	1.00E-04	0.02349387	0.01660907	0.01255041	1.00E-04
0.127	0.152	3.29486172	3.14665787	3.15006853	3.34568602	3.1186169
0.004	0.008	0.17628805	0.25504722	0.24978852	0.33226219	0.3025566
0.21	0.213	4.1204352	4.13908292	4.8431693	4.74650685	4.40970539
0.198	0.139	3.14609166	3.25339728	3.00302948	3.1170206	3.23384672
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0.025	0.82666266	1.44759572	0.65598645	0.89898638	0.62791147
0.214	0.217	3.44764522	3.50063086	3.29415016	3.4836919	3.63621388
0.567	0.557	4.01525873	4.32490801	3.96676064	4.09179862	4.39528494
0.155	0.127	2.46317302	2.61122359	2.30397523	2.49464226	2.85826164
0.54	0.492	5.05210882	5.3791566	4.81385259	4.87442563	5.15478906

0.004	0	0.17053928	0.16906558	0.20146578	0.25039997	0.34889491
0.004	0.004	0.47425223	0.64976036	0.53607071	0.65793357	0.5499064
0.095	0.111	3.29233904	3.59384194	3.19280275	3.33066252	3.24389704
0.262	0.328	2.84155624	2.94100856	3.3423877	3.27587197	3.36150204
0	0	1.00E-04	0.01015091	0.02791709	0.05465571	1.00E-04
0.028	0.029	1.22742006	1.20242484	0.92187518	1.14443558	1.65484652
0.202	0.131	3.1018482	2.96612971	3.2193502	3.47051489	3.03389664
0.115	0.111	3.10171359	3.30330318	3.76608254	3.64935293	3.54067559
0.028	0.02	3.6746316	3.69870782	3.99891933	3.76607654	3.73992272
0.119	0.127	3.30434437	3.58548837	3.6547812	3.87639916	3.24006349
0.083	0.086	3.93342122	3.94270565	3.8804565	4.00975435	3.82464805
0.258	0.266	2.97109479	3.09447198	2.82868174	2.9701498	3.18055838
0.167	0.205	3.27185614	3.33858029	3.09280122	3.13890037	3.32180792
0.079	0.135	4.00765049	4.07382687	3.87227285	4.11682104	3.72631102
0	0.004	0.10799483	0.14897939	0.16500572	0.1389071	0.23780959
0.004	0	0.29186852	0.04567707	0.03827873	0.03195089	0.49576569
0	0.004	0.01737969	0.05001835	0.06314585	0.08125156	1.00E-04
0.087	0.111	0.26601411	0.35606644	0.21778897	0.34729149	2.60088455
0.607	0.619	6.09095864	6.16313665	6.02750672	5.94000478	5.98865305
0.02	0.008	0.65709697	0.66951561	0.90791235	0.91207886	0.84860875
0.024	0.025	1.04048284	0.94505371	0.62158224	0.82369457	0.88767557
0.028	0.037	1.27354177	1.43307618	1.1455274	1.16427739	1.58308107
0.254	0.242	4.57283818	4.52361479	4.95855678	5.01530694	4.82350943
0.036	0.012	1.6903971	1.90060429	2.25675947	2.59176592	2.31130617
0	0	1.00E-04	1.00E-04	0.00803169	1.00E-04	1.00E-04
0.024	0.012	1.34725212	1.52606428	1.1430537	1.20725934	1.37018256
0	0	0.0429939	0.09326419	0.03186075	0.03846371	1.00E-04
0.012	0.025	0.18135029	0.29511754	0.18841574	0.26958471	1.00E-04
0.004	0.004	0.41773438	0.51176278	0.45202984	0.60668677	0.91464757
0.028	0.029	2.81785647	3.11501135	2.67021244	3.02235117	2.45157825
0.028	0.02	1.4553084	1.72819342	1.17387063	1.37470727	1.81419475
0.012	0	0.39183061	0.33449071	0.78354819	0.68857786	0.59657115
0	0	1.00E-04	0.08585778	0.02668438	0.01309193	1.00E-04
0	0	1.00E-04	0.10831545	0.11073846	0.13803156	0.57370319
0.004	0	0.13188144	0.56850971	0.34051122	0.48370399	1.26549205
0	0.004	0.03768068	0.07852996	0.04152659	0.06301796	1.00E-04
0.004	0	1.89089877	2.13382589	2.19436929	2.19549461	2.0124384
0	0	1.00E-04	0.01237267	0.01063146	0.00246508	1.00E-04
0	0	0.24120835	0.24925833	0.22345557	0.17711288	1.01591402
0.242	0.209	4.1910841	4.4675372	3.85751227	4.07128138	4.00695102
0	0.016	0.37406059	0.24674779	0.11906135	0.20972221	3.35660306
0.337	0.414	4.25243825	4.51474717	4.0863197	4.28115421	4.5111714
0.397	0.369	5.16628904	5.13818704	4.93175237	5.1247764	4.98426978

0.825	0.746	5.37328397	5.50942043	5.06091991	5.23040168	5.23974853
0.004	0.004	0.11943715	0.20756483	0.16191479	0.25487745	0.12275085
0.02	0	0.60952823	1.00479243	0.70656977	0.82062412	0.59426548
0.115	0.143	2.74755658	2.85260278	2.74888907	2.934065	2.88341356
0	0	1.00E-04	1.00E-04	1.00E-04	0.00552654	1.00E-04
0	0	0.14051262	0.16657629	0.2061492	0.21633656	0.15172733
0.008	0.004	2.54844106	2.31279871	2.25739117	2.4728681	1.09456354
0	0.012	0.56432379	0.56135248	0.62302774	0.81479709	0.58566561
0.063	0.098	2.94216138	2.84816829	2.84754113	3.07947944	2.69075588
0.02	0.008	0.29875253	0.51055159	0.43688314	0.43137682	0.91745213
0.131	0.135	3.69256198	4.05287925	3.76306152	3.88539368	3.83034606
0.198	0.238	3.18922825	3.19612054	3.66532964	3.59322142	3.35526247
0	0	0.03861807	0.10492158	0.08073731	0.11974146	0.04764173
0.357	0.373	4.3053015	4.21657181	4.67168852	4.61145557	4.46349923
0.21	0.176	2.19401786	1.9538425	2.13256961	2.27762297	3.03791294
0.115	0.107	2.71415244	2.50906341	2.91735317	2.89784209	2.99597631
0.151	0.123	3.09019344	3.03302306	3.06239511	3.26748514	3.69569948
0.091	0.086	2.10246841	2.06806407	2.02621191	2.24485158	2.00872776
0.016	0.012	0.60547304	0.79317777	1.10113734	1.11528868	0.66722431
0.016	0.012	1.38078782	1.40456879	1.48856864	1.59959984	1.0843972
0	0.012	0.87849469	0.52071911	0.60917437	0.73392011	0.52829612
0.044	0.041	2.31087508	2.45077881	2.34069321	2.43930871	2.26105163
0.131	0.131	2.8831438	3.01881997	3.02527101	3.21185864	2.87809622
0.079	0.045	2.02658006	2.42040398	1.87301288	2.33645521	2.18915867
0.19	0.168	3.6993446	3.42127637	3.81279054	4.15542587	5.67370463
0.298	0.295	4.54706206	4.57852665	4.39744356	4.51482436	4.46960956
0.071	0.061	2.33843662	2.30981434	2.32821918	2.50779229	2.4554355
0	0.004	0.2352114	0.26884613	0.24305822	0.32304963	0.10739147
0.04	0.012	0.09313478	0.2392862	0.15904341	0.18007953	0.40027025
0.004	0.004	0.06955739	0.11565153	0.09843296	0.12069584	0.07789652
0.008	0	0.44312068	0.51151614	0.56752854	0.7162395	0.05729727
0	0	0.05156375	0.10702206	0.08055363	0.08342166	0.09590842
0.004	0	1.26248031	1.32309223	1.65669718	1.54437555	0.98654251
0.214	0.238	3.38228524	3.42889999	4.02822452	4.03106555	3.39544959
0	0	0.01374394	0.05041977	0.01923255	0.05396628	1.00E-04
0.083	0.07	3.06223401	2.98366019	3.39947873	3.38534128	3.01470259
0.004	0	0.62943532	0.8566481	0.5902748	0.87976376	0.50924018
0	0.012	0.74652296	0.91883325	0.94783134	0.6433991	0.78804099
0.135	0.115	2.77465954	2.7522991	3.3902159	3.34219969	2.72719322
0	0	0.04300258	0.04437663	0.03021219	0.03240082	0.0497916
0.087	0.094	2.67742029	2.67371388	2.94756094	2.89169617	2.87769633
0.433	0.336	4.33511381	4.46311238	4.36968902	4.48869385	4.43418652
0.012	0.016	0.51404689	0.87779202	0.6679627	0.83037608	0.79195178

0	0.012	0.96098163	1.19236405	1.32691521	1.41905355	1.57477942
0.036	0.049	1.33864695	1.66999271	2.00544271	1.82738864	1.50171641
0.079	0.07	2.82883158	2.69821607	3.47844166	3.38640437	2.8189349
0.063	0.057	4.19758528	4.26304461	4.14395807	4.41736632	3.92464014
0.079	0.037	2.78178735	2.69282995	2.77605992	2.83591709	2.70165386
0.012	0.057	2.15139005	2.12849749	2.63916019	2.57062798	2.25401668
0	0	1.69076545	1.64052746	1.69687977	1.97906304	1.50566345
0.079	0.102	2.736114	2.60269876	2.84712309	2.93514838	2.79640404
0.044	0.045	2.51598685	2.04697925	2.1298859	2.33858835	2.82242049
0.004	0	0.01489557	0.01003287	0.00629892	0.00835912	0.19105385
0.139	0.09	2.67353801	2.59214713	3.13344152	3.14921064	2.95039953
0.036	0.045	2.97039561	3.51003072	2.68684427	2.60558272	2.9026286
0.032	0.037	2.53723512	2.52164401	2.4631302	2.69795704	2.73453321
0	0.008	0.31903166	0.32607194	0.19447586	0.25202461	0.14492001
0.004	0.004	0.0295274	0.06922983	0.03401126	0.06394783	0.1792803
0.095	0.057	3.17005242	3.33617645	3.06839123	3.4886373	3.58218921
0	0.004	0.22308343	0.51521107	0.21086481	0.26757947	0.17524925
0.008	0.004	1.83473234	1.84824983	1.85969913	1.68397036	3.09323994
0	0.004	1.48445858	1.55295027	1.37939796	1.51613176	1.50635799
0.012	0.004	1.25177265	1.28834324	0.78996725	0.9826343	1.17611747
0.028	0.004	2.98553808	2.7784923	3.87991813	3.783558	2.84602551
0.008	0	0.42601161	0.51605864	0.74344349	0.80702364	0.65486055
0.008	0.008	0.54207308	1.02489372	1.43268819	1.40221052	0.78565773
0.016	0.016	1.14427439	1.50476331	1.12860023	1.13803929	1.67417386
0	0	0.15251759	0.10457882	0.14472104	0.15246698	1.00E-04
0.016	0.02	0.79645336	1.29007297	0.92710883	1.22163741	1.43710156
0.004	0	0.02411763	0.173666	0.095728	0.12427532	1.00E-04
0.012	0.008	1.7580226	1.96361267	2.02424638	2.10481761	1.8371696
0.004	0.004	0.02397026	0.09449846	0.06224293	0.06450602	1.00E-04
0.004	0	0.53028142	0.79559081	0.69394424	0.68813695	0.35674833
0	0	1.00E-04	1.00E-04	0.00432291	0.00159876	1.00E-04
0.083	0.086	1.640128	1.94028793	2.15528107	2.2225234	1.74452508
0.02	0.012	1.54648585	1.65737091	1.34394358	1.21317666	1.28811082
0.004	0	0.94962454	1.30944836	0.64551439	0.62285114	0.92055659
0.012	0.008	1.03393836	1.08726125	0.88790745	0.8781879	1.02631004
0.004	0.004	0.21688353	0.70714499	0.30171038	0.29870398	0.55757135
0.028	0.033	2.23860987	2.28755677	1.83758056	2.05175444	1.94436549
0	0	1.00E-04	0.03878814	0.01532527	0.02799518	1.00E-04
0.04	0.057	0.77985669	1.21801932	0.95666491	0.99776806	1.34899986
0.127	0.111	2.4677345	2.68649329	2.88602066	2.8922422	2.86783115
0.004	0.004	1.7635317	1.9167296	1.34116461	1.60404286	1.98069283
0.004	0.004	2.02913979	1.78954902	1.54504704	1.8885459	0.79003128
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.052	0.045	2.36887871	2.84841464	2.18942921	2.34688412	2.28557576
0.012	0.012	0.25059641	0.77807205	0.39165544	0.40145205	0.27962059
0.02	0.029	1.87198987	2.0710617	1.74052312	2.13324296	1.23416396
0.004	0.004	0.06469267	0.1183566	0.05553314	0.0939953	0.28305063
0	0.008	1.00E-04	1.00E-04	0.01203503	0.00918035	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.274	0.213	3.71542235	3.80921711	3.73573084	3.70880548	3.7251459
0	0	0.03266098	0.15266916	0.07025797	0.11470132	1.00E-04
0	0	1.00E-04	0.00686861	1.00E-04	1.00E-04	1.00E-04
0.016	0.016	1.1657768	1.39065915	1.36713093	1.67507681	1.41854348
0	0	0.14172515	0.11959422	0.16278473	0.13553349	0.16546837
0.024	0.016	1.0370048	1.28547439	1.13081841	1.39392933	1.72747067
0	0.012	0.1382701	0.22720043	0.18025113	0.21920984	0.1042208
0	0	1.00E-04	0.03900848	0.01419963	0.01621304	1.00E-04
0.004	0	0.0967572	0.16737825	0.17107165	0.27979969	0.10966598
0	0	0.04167119	0.02940797	0.02860382	0.02096825	0.14212665
0	0	0.17489346	0.31120118	0.20222119	0.21426504	0.25850705
0.06	0.016	2.23783777	2.31030915	2.80480299	2.7860901	2.37388737
0.004	0.004	0.18919363	0.55725402	0.32992723	0.38625594	0.12152798
0.135	0.164	2.93954862	2.88938065	3.09904164	3.16935439	2.98319393
0.004	0.004	0.27951544	0.33960019	0.24070255	0.39495256	0.05510155
0.099	0.094	2.24133756	2.27302494	2.8719648	2.84263199	2.29579848
0.016	0.037	1.68114782	1.67950983	2.34221802	2.45143462	1.58462963
0	0	0.1105562	0.12789603	0.04720075	0.0951358	0.06285568
0.016	0.008	2.12018298	2.58175302	2.06277655	2.37536553	2.22683076
0.071	0.07	2.32722884	2.47456403	2.6613798	2.83836803	2.56183512
0.004	0.004	0.08923367	0.59673546	0.34263475	0.28663151	0.35300594
0.02	0.02	3.00010041	2.8405492	3.69458864	3.43474939	2.80229494
0.032	0.012	3.61194089	3.59543615	3.71276187	3.77300926	3.29420385
0.004	0.012	0.18155721	0.24633297	0.1651502	0.36104103	0.16153654
0.044	0.029	1.01563771	1.04720887	0.81873649	0.83833086	0.46596462
0.016	0.02	1.56754825	1.46436003	1.1687617	1.38198418	0.7794115
0	0	0.04031609	0.09116422	0.08718301	0.13519223	1.00E-04
0.079	0.094	2.63348086	2.58310642	2.86106933	2.92678384	2.83834338
0.123	0.16	3.50141413	3.46175691	3.55599664	3.52812013	3.48556827
0.321	0.316	3.78841776	3.6648703	3.63327811	3.78561783	4.1066331
0.012	0.016	1.74209642	1.7723684	2.33955349	2.29549564	1.74292733
0.123	0.127	3.04902582	3.06409188	3.87787122	3.75957995	3.33945825
0.115	0.082	3.79925907	3.87321817	3.63132499	3.84131868	3.2426722
0.06	0.037	2.20638458	2.41708832	2.4882287	2.50438559	2.37217985
0.135	0.217	3.38105864	3.40378224	3.87551929	3.78886468	3.62023854
0.294	0.213	4.0447129	4.1755664	3.82784512	3.84466779	4.62836659
0	0	0.51433852	0.75742601	0.46788931	0.49428445	0.42095255

0.016	0.025	1.29351222	1.37424803	1.5730565	1.60360716	1.37137347
0.008	0.008	0.73024406	0.98671644	0.76127902	0.82179468	0.38732414
0	0.004	0.14533119	0.22864949	0.1932953	0.22982389	0.21763629
0.012	0.004	0.46205326	0.64065412	0.62861926	0.66849464	0.51175539
0.321	0.324	3.77312653	3.87544277	3.78750682	3.92472362	4.01139821
0	0.004	0.17365985	0.23518064	0.10240042	0.22972792	0.08053632
0.437	0.43	3.41846539	3.19894132	3.55022605	3.47630916	3.40256559
0.111	0.131	2.89207867	2.95380434	2.60594604	2.92982591	3.27849799
0	0.004	0.1781052	0.23477825	0.54599091	0.59087841	0.20377007
0.012	0.025	1.72822641	1.64872595	2.27727996	2.08361282	2.10952667
0.028	0.045	1.1649879	1.38645398	1.70459325	1.77682247	1.69453138
0.008	0.016	0.51580388	0.59949063	0.66779948	0.88716878	0.73034499
0.06	0.057	2.29562362	2.50174893	2.20328755	2.49802861	2.63354171
0.008	0	0.20467052	0.39595089	0.40919074	0.45130434	0.04349937
0	0	0.0361041	0.03963444	0.0521417	0.09362768	1.00E-04
0.012	0	0.40926053	0.49357	0.57304763	0.55089888	1.14359723
0.016	0.004	0.68008988	0.88938783	0.89541134	0.8576319	0.45116962
0.365	0.365	3.94554354	4.01826887	3.90638185	3.97354479	4.0268312
0.024	0.02	1.29048018	1.67169634	1.41731301	1.55528726	1.6027329
0.135	0.082	2.72208909	2.98945993	2.85180115	3.1487096	2.91976968
0	0	0.0891727	0.19243302	0.08285194	0.09405051	0.72170662
0.27	0.27	3.31977662	3.25449609	4.02560097	4.08847552	3.77854345
0.016	0	0.24823317	0.26629533	0.23311016	0.18954747	0.33508018
0.004	0	0.71279898	0.48966325	0.42938088	0.44445814	0.72637243
0	0	1.00E-04	0.00982566	1.00E-04	1.00E-04	1.00E-04
0.222	0.246	6.03361917	6.07867901	5.97149985	5.98606471	6.1158473
0.127	0.139	3.24712136	3.31894976	3.27425045	3.3197155	3.21547892
0.722	0.582	2.68552856	2.84813041	2.48708133	2.50140807	3.08376824
0.032	0	0.4916167	0.64026319	0.60705601	0.76740019	0.37174853
0.135	0.119	3.21415398	2.94656362	2.88330206	3.00468472	3.49991241
0.19	0.176	3.54677571	3.50356904	3.80861368	3.80420433	3.62056646
0.679	0.631	5.25581882	5.4617482	4.88471581	5.05051775	5.24957578
0.044	0.045	1.29559475	1.36810819	1.13926285	1.31402979	0.81861262
0	0.004	0.11703436	0.16821175	0.18008102	0.1656385	0.12469821
0.183	0.143	4.04740409	3.82670263	3.76003101	3.90020821	3.89870508
0	0	0.28285723	0.20470866	0.24341974	0.26717972	0.1771848
0.226	0.164	2.77935922	2.94132104	2.8644923	3.10271552	3.43412268
0.024	0.012	3.38201619	3.28846152	3.51206131	3.80283251	3.11741704
0.004	0.008	0.83127286	0.96973984	0.70845616	0.83837065	0.51106262
0.02	0.02	1.61424931	1.72363161	1.85935144	1.86238351	1.73729955
0	0	1.77518005	1.57728033	0.77069695	0.9730562	1.44495092
0	0	1.00E-04	0.0180208	0.00600109	0.00623208	1.00E-04
0	0	1.00E-04	0.01747461	0.00250111	0.01195573	1.00E-04

0	0	1.00E-04	0.03970681	0.02869735	0.04028923	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00738071	1.00E-04
0	0	0.31602471	0.14582678	0.2040477	0.186938	0.1219789
0.115	0.049	4.92070521	4.75578532	5.64564164	5.57475922	4.99171276
0	0	0.13070997	0.0516721	0.0804917	0.07825441	1.00E-04
0	0.004	0.1023346	0.10908509	0.31853702	0.67700138	3.55274894
0.163	0.049	5.35858493	5.2404566	6.09385284	5.96156283	4.77416383
0	0	1.00E-04	0.00779762	0.008882	0.02091411	1.00E-04
0.012	0.004	1.28930175	1.61066007	3.30679093	2.43766327	1.272054
0.004	0.004	0.02869912	0.12692822	0.84415641	0.03763308	0.29987924
0.004	0.004	0.07982818	0.15177964	0.12950359	0.20892436	2.82072433
0	0	0.03747618	0.02938638	0.01930634	0.02674418	1.00E-04
0	0	0.13981585	0.0042488	0.21766903	0.34385398	0.16823912
0.04	0.037	2.35734801	2.30212468	1.99898974	2.17605198	2.0932127
0	0	0.02364958	0.06525939	0.0553691	0.07400513	0.11111556
0	0	0.00591197	0.05944612	0.07476586	0.14644646	1.00E-04
0.008	0.008	0.59194449	0.40429151	0.3753091	0.56320123	0.13319916
0.016	0.008	1.6539832	2.3222928	3.00823563	0.98714484	3.35609979
0.075	0.033	0.33197883	1.78005255	2.63635113	0.64827895	3.20039609
0.345	0.168	2.2283502	3.18064096	3.951203	1.99685999	0.94369671
0.012	0	0.62296395	1.35701199	1.66480474	1.01669221	0.97816448
0	0	0.02514412	0.11868928	0.13570813	0.06482423	0.29012275
0.631	0.631	4.66026302	4.92173267	4.7063809	4.83010513	4.66575715
0.004	0.004	0.21219319	0.47018491	0.22846556	0.2852745	0.37874064
0	0	0.42327039	0.34068764	0.24277207	0.18460317	1.00E-04
0	0.004	0.09584902	0.52763781	0.22671926	0.35821114	0.06023342
0	0	1.00E-04	0.02170182	0.00669782	0.01403728	1.00E-04
0	0	0.02894168	0.0338912	0.05794654	0.05950503	0.53159628
0	0	1.00E-04	1.00E-04	0.00144749	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00337813	0.01103359	1.00E-04
0.004	0	1.63009447	1.61936089	2.19517237	2.10842526	0.65215027
0.024	0.037	1.20647224	0.99174966	0.78609807	1.02934429	1.22003729
0.028	0.033	0.61062869	0.573657	1.02993823	0.73369224	0.84672835
0.016	0.016	1.07216059	1.32911187	1.15349511	1.41922525	1.12610137
0.024	0.016	1.19412096	1.23379061	0.94131516	0.9851992	1.01918034
0.004	0	0.96198536	0.61453034	0.36283137	0.44078426	0.79284473
0.163	0.176	2.89409804	2.97463719	2.87370667	3.14444643	3.08925565
0	0.016	0.1116669	0.45475466	0.279982	0.34488786	2.14493388
0.337	0.357	0.10187072	0.4219384	0.37820657	0.44537626	2.50123951
0.849	0.82	5.14278064	5.58750542	5.15224866	5.24558141	4.99173428
0.234	0.234	2.880285	3.07365736	3.58581096	3.54042445	2.94822581
0.012	0	0.19034785	0.25943033	0.25575555	0.28801327	0.39213094
0.04	0.029	0.69029318	1.17978579	1.10870296	1.22312587	0.81794592

0.016	0.012	1.38314027	1.63795199	1.91980569	1.68916669	1.53310448
0.135	0.143	3.83230486	3.58955418	4.34153823	4.2240223	3.92377242
0.107	0.189	2.72700612	2.63894606	2.89898074	3.06254858	3.22733186
0.29	0.291	4.13474149	4.27641679	4.06440562	4.24082607	4.70472592
0.56	0.561	4.64143117	4.58182633	5.45784232	5.39280949	4.82541409
0	0	0.19731505	0.12976872	0.30762197	0.3018206	0.13781824
0.044	0.033	1.83445003	2.17518132	1.54645971	1.75165069	2.11610024
0.099	0.102	0.15257307	0.08085817	0.12710068	0.09334852	0.13619799
0.286	0.193	3.71569271	3.88497213	3.83897789	3.70289389	4.10665722
0.69	0.553	5.47073486	5.58616063	5.61922117	5.40761338	6.11671921
0.028	0.033	1.10957651	1.05917282	1.02795349	1.15835501	1.33490894
0	0	0.02556665	0.04396198	0.0459237	0.10684004	1.00E-04
0.175	0.197	2.93443205	2.96316096	3.69363411	3.64203888	3.13835643
0.21	0.201	3.10551327	3.25478091	3.05964133	3.21416985	3.14333747
0.345	0.303	4.1462563	4.16036036	3.63039282	3.90475004	4.12848255
0.5	0.443	4.96166627	5.17843292	4.67539331	4.7401778	4.97003235
0.032	0.057	2.67778105	2.71333455	2.29223803	2.46743718	2.70658661
0	0.004	0.44682844	0.36769264	0.47436548	0.51701759	0.08159652
0.048	0.07	1.73452305	1.87888483	1.77095333	1.86803559	2.03017083
0.448	0.484	4.89010157	4.93578292	4.89190524	4.95775436	4.88447953
0.004	0.004	2.31073293	3.07825672	2.69131919	2.66776473	3.06066495
0	0.004	0.13972679	0.09453893	0.11850816	0.09883742	0.28265505
0	0	0.51732506	0.13034206	0.42768919	0.44336298	1.01970203
0	0	1.00E-04	1.00E-04	0.01422909	0.02141815	1.00E-04
0.004	0.008	1.00E-04	0.01856897	1.00E-04	0.00890439	1.00E-04
0.032	0.012	0.24821007	0.60182653	0.57435524	0.5812205	1.31544011
0.131	0.094	0.09949074	0.08203685	0.14365239	0.13904359	1.02943285
0.008	0.004	0.00991815	0.22534873	0.14678097	0.0264632	1.44867316
0.004	0.004	1.00E-04	1.00E-04	0.00398639	0.00162204	1.00E-04
0.024	0.004	0.13934936	0.40610916	0.16031274	0.17200038	0.19502377
0.004	0.008	1.57423786	1.98242371	2.22379597	2.1415656	1.99208033
0.02	0.045	1.37682645	1.55484135	1.53418759	1.70312041	1.5435274
0.079	0.061	1.297789	1.50462706	1.37232112	1.38437273	1.66663695
0.147	0.18	4.34038806	4.10766975	3.63174415	3.80053007	5.20408426
0.405	0.393	4.13408126	4.37183031	3.87953841	3.85558019	4.47962034
0.29	0.295	4.17719872	4.10755951	4.71531975	4.61052396	4.37357081
0.341	0.393	4.2098092	4.12925013	4.80035992	4.65219365	4.43968182
0.337	0.307	4.1200423	4.02608753	4.60024221	4.50108961	4.28108439
0.242	0.25	4.35079031	4.14270732	4.81026082	4.70603989	4.51432332
0.385	0.381	4.38875579	4.02156817	4.86769259	4.76399618	4.63501208
0.04	0.02	2.34617224	2.83376706	2.24205413	2.35813128	1.87502434
0.294	0.246	3.54426312	3.60297775	4.12522116	4.06695228	3.73724731
0.302	0.266	4.05494213	3.8097523	4.49295138	4.37579722	4.14325186

0.087	0.082	2.65077686	2.69326978	2.72014791	2.88652133	2.90484406
0.111	0.057	4.56654389	4.53089978	4.46426663	4.52717347	4.34500492
0.032	0.045	4.40053733	4.61061254	4.05580508	4.05150576	3.39081184
0.107	0.045	4.73426408	4.48278708	5.59536255	5.61470882	5.26943659
0.143	0.123	3.88458459	3.91084761	4.33603268	4.27120828	3.72832821
0.103	0.057	1.23267477	1.50121557	1.23530624	1.48777516	1.54335814
0.147	0.119	6.51546	6.53949403	6.32853635	6.26467306	6.36523185
0.028	0.02	5.23571119	5.94919855	4.58030199	4.61337747	4.74601382
0.516	0.492	5.21968213	5.22638537	5.30344458	5.3002093	5.32921264
0.032	0.025	0.49691348	1.34731451	1.03366123	1.016627	0.67527164
0.048	0.02	4.20857056	3.87773912	4.53130634	4.51281625	3.82444784
0.004	0.004	1.39142473	0.96299953	1.43808612	1.63846191	1.97755045
0	0	0.03152594	0.14049551	0.16814488	0.15139299	0.03288032
0.008	0.004	1.86721972	1.79270342	1.35855744	1.80417368	2.77091669
0	0.004	0.16608226	0.05186434	0.18366105	0.28491788	1.23987686
0	0	0.0660035	0.18659266	0.13944421	0.24395331	2.28843358
0.02	0.004	3.71529233	3.52680723	3.58997402	3.64105062	3.6074104
0	0	0.01115941	1.00E-04	1.00E-04	0.0025854	0.38754881
0.254	0.234	0.10528864	0.29062775	0.45903919	0.35982423	1.10328948
0	0	0.48025561	0.44392898	0.21393941	0.23904611	0.84323227
0.02	0.02	0.48583139	0.48310431	0.36086884	0.48678479	2.93449929
0	0	0.04435378	0.0113687	0.08242237	0.07407659	1.83984092
0	0	1.00E-04	0.00679419	1.00E-04	0.00401813	1.00E-04
0.004	0.008	1.26301114	1.36951641	1.33729357	1.36751768	1.03553698
0.183	0.209	0.71357334	0.84935574	0.73290688	0.86489754	3.12209669
0.234	0.201	0.10989751	0.22278521	0.24576595	0.22946834	1.37466308
0.762	0.734	1.03606178	1.15707185	0.98217604	0.81421846	1.10134859
0.016	0.008	1.26221926	1.76251084	1.63588863	1.61042879	3.25129794
0.032	0.037	2.45025273	2.64395445	2.19724906	2.45807316	2.26782782
0.008	0.02	0.20842779	0.37038209	0.35321914	0.2604773	0.08738744
0.214	0.283	4.18664964	4.56353838	4.00367622	4.12760351	4.40320141
0.111	0.135	2.41389512	2.46106943	3.05552917	3.10509259	2.63475276
0.012	0	1.74262388	1.89250794	2.30959094	2.12548277	2.50132335
0.008	0.004	2.27060617	2.2690204	2.81806088	2.86111908	2.43904461
0	0	0.01326903	0.10153898	0.07818877	0.06197953	0.2224004
0.016	0.004	2.77168318	2.38659218	2.35941991	2.38548732	2.9578694
0.004	0	0.63153125	0.44940664	1.13088838	0.99366733	0.87668981
0.008	0	1.55775358	1.39986969	2.02857296	1.92116465	2.04038356
0.075	0.053	4.97122596	5.07599366	5.15961373	5.3507646	5.07477069
0	0	0.18392839	0.21893365	0.40473319	0.23538611	0.25862589
0.218	0.201	4.79759054	4.58134348	5.26598476	5.31153634	4.94537446
0.075	0.037	0.78650497	0.68349826	0.87098986	1.16653231	0.29560894
0	0.012	0.40820156	0.35200824	0.67809328	0.60241154	2.13124426

0	0	0.05225894	0.06707614	0.07549612	0.05849763	0.48094308
0.183	0.139	6.33911127	6.37421743	6.30286567	6.27176585	5.77743779
0.433	0.447	4.71208588	4.71486888	5.54741438	5.32916081	4.75598993
0.23	0.291	0.39597912	1.23345391	0.70457911	0.56223011	2.08798447
0.187	0.217	0.17146488	0.48504992	1.05917164	0.77394727	0.07808106
0.151	0.176	0.24829305	0.32435082	0.48292772	0.41529191	0.50036031
0.044	0.045	2.40808966	2.37791284	2.99281271	2.88849229	2.83546055
0.222	0.221	0.04479954	0.28987078	0.5680496	0.5068317	0.05867888
0.079	0.082	5.1785244	5.12963268	5.29178577	5.22633049	5.31941864
0.016	0	1.44963349	1.47929352	2.08574534	2.24622479	2.79630106
0.016	0.033	0.04413355	0.11605117	0.10496852	0.20185592	0.26347412
0.94	0.914	7.52931034	7.50855656	7.58314517	7.25145885	7.65374176
0.556	0.566	5.22124151	5.09837224	5.0620455	5.23368567	4.99366683
0.401	0.426	4.40361964	4.6440927	4.73275284	4.76110566	4.21666521
0.667	0.705	5.20988179	4.97100611	6.23298383	6.12825835	5.37195077
0.02	0.029	0.12720554	0.29021737	0.26098154	0.24590211	0.36090295
0.623	0.561	5.87176438	5.2914898	6.97727101	6.73884778	6.09532747
0.575	0.553	4.85700021	5.00953234	5.14396404	5.19193713	5.01769604
0.151	0.123	5.04100781	5.27917907	5.13989941	5.05748075	5.12125498
0.298	0.369	4.41534608	4.43142182	4.45955808	4.53748859	4.77989008
0.23	0.184	3.71376747	3.80991626	4.7504335	4.58951683	3.82331323
0	0	1.00E-04	0.10473003	0.04779238	0.06354557	0.55492981
0.095	0.078	0.35848618	0.76614661	0.71443748	0.60003305	1.17199569
0.786	0.705	7.11334961	7.05156221	7.93730415	7.82002983	6.96733525
0.262	0.111	5.64431064	5.8724554	6.33569101	6.27121321	5.14375972
0.639	0.545	3.48313875	4.35379893	4.98137185	3.51606325	4.25963086
0.306	0.311	0.00752088	0.06980152	0.07585145	0.05552176	0.55048871
0.052	0.025	0.03929518	0.03253134	0.04733699	0.02868689	0.87406549
0.016	0.029	3.55669357	3.51274494	3.5793759	3.7341549	3.1721527
0.69	0.471	7.38903273	7.29766543	8.13555806	7.88782874	8.16565583
0.012	0.004	0.17418144	0.14324985	0.19880753	0.12598283	0.26233469
0.04	0.057	0.07534239	0.07071817	0.07815126	0.07889175	0.18949165
0.048	0.025	3.23322696	4.10363729	3.45793124	3.16683486	5.09915772
0.468	0.455	5.34472349	5.82459213	6.28283822	6.02326616	5.27073304
0.127	0.16	1.52036013	1.95727134	1.69017133	1.53865897	2.06073369
0.179	0.09	5.27084735	5.56589285	6.21541775	5.65195951	5.79097024
0.202	0.176	2.19012648	1.89366601	2.68578094	2.97347438	3.67692612
0.02	0.004	2.79581648	2.86142529	3.17769022	3.0795674	4.36903955
0.131	0.164	0.35556461	0.27831116	0.54535648	0.34598526	0.42425885
0.067	0.053	0.32089656	0.36068926	0.58922441	0.59805277	0.43784835
0.004	0	0.70371218	0.70222398	0.4088823	0.58601822	0.68128059
0.238	0.16	5.72826803	5.48699225	6.25152538	6.20083986	5.70919543
0.016	0.02	1.57430236	1.45050922	2.39905129	2.34631418	3.05925649

0.532	0.463	0.57998555	0.70825573	0.68993891	0.5737333	0.742186
0.111	0.111	4.21203106	3.71281192	3.97000922	3.98432521	4.10148311
0.044	0.049	2.83531712	2.81793997	2.67520413	2.824702	2.94459024
0.052	0.004	3.56437572	3.45597254	4.37242178	4.4444443	3.585666
0.052	0.07	1.57809595	1.95920425	1.86865487	1.91364431	1.76175725
0.075	0.057	2.23512524	2.29504259	2.20423669	2.48349366	2.48951045
0.143	0.131	4.03421906	4.10910794	4.38844726	4.3907718	3.96049128
0.444	0.439	2.56639917	2.63072671	2.41940378	2.42827094	3.86812879
0.171	0.123	2.74506041	2.68949121	2.57564912	2.81176259	2.79506434
0.159	0.23	3.77399052	3.58727383	3.56358303	3.67729508	3.82306486
0.004	0.008	0.38888457	0.48461607	0.44087101	0.75000159	0.60518491
0	0	0.05755735	0.04229277	0.10871867	0.12332301	0.2383314
0.099	0.066	2.41651508	2.52102732	2.4238725	2.63430658	2.61934929
0	0.008	0.87319221	0.86554389	0.97335156	1.08513007	0.72150154
0.048	0.045	0.89142995	1.10819505	1.07088353	1.13702624	0.5418382
0.004	0	0.32681083	0.53622782	0.28710345	0.36025626	0.16347965
0.23	0.168	3.09741778	3.21305304	3.80699805	3.78582328	3.31831364
0.306	0.25	4.2555795	4.41587143	4.02286921	4.22120197	4.19990993
0.087	0.057	2.3582249	2.49309955	3.03271367	2.83656952	2.78704721
0.25	0.221	3.47889341	3.44198976	3.85858635	3.80876226	3.72020714
0.139	0.131	2.4492286	2.41655562	2.58565934	2.62619141	2.68162649
0.214	0.164	3.39362211	3.41055431	3.64700249	3.68928833	3.43120561
0.71	0.738	5.34087093	5.3027862	5.59508141	5.52560266	5.57124081
0.083	0.086	3.88532199	3.91802095	3.60654066	3.91954674	3.89388295
0.071	0.078	5.67923703	5.76128524	5.15385779	5.44266947	5.18445526
0.008	0.004	0.22672203	0.37848985	0.15357418	0.25916443	0.24532934
0	0	1.00E-04	0.02183813	0.00557827	0.00385372	1.00E-04
0	0	0.29604905	0.14145525	0.28233287	0.33096404	0.0954994
0.155	0.135	4.64154817	4.72593229	5.00311347	5.10593218	4.37263927
0.008	0.008	2.7428711	2.64896017	2.59197619	2.57576279	2.15963215
0.008	0.008	0.09694131	0.14786386	0.2159497	0.29670136	0.31235568
0.135	0.205	3.25499579	3.08966163	3.47196654	3.4943305	3.75764791
0.881	0.832	5.64836533	5.88827943	5.40072589	5.45987676	6.01074489
0.012	0.016	0.26758615	0.41273427	0.37673142	0.44380034	0.53373251
0.278	0.303	3.75704761	3.71398027	3.96212511	3.9330667	4.08203754
0	0.012	1.64501642	1.93468157	1.33968382	1.36152805	1.44370574
0.056	0.086	1.24074724	1.55313973	1.01114305	1.33403645	1.17561401
0.417	0.287	4.73735801	4.74705156	4.34173562	4.42227471	4.6634056
0	0.008	0.67417971	0.69712993	0.6227479	0.71556996	1.32874042
0	0	0.22098725	0.15301629	0.21753736	0.27454066	1.07527414
0.024	0.041	1.69484772	1.70646153	2.04867849	2.15355027	2.36282945
0	0	0.37362168	0.08562257	0.17438425	0.14452704	0.10129633
0.008	0.008	0.03446181	0.03974705	0.03038167	0.03623595	0.14847649

0.012	0.008	2.10617639	1.4433966	1.77494709	1.90410488	2.18147758
0	0	0.88073961	0.84188727	0.99404292	1.14485469	0.92479213
0.02	0.049	3.2872931	3.17277985	3.1742121	3.3554982	2.8372493
0	0	1.00E-04	0.01492167	0.01045877	0.00400892	1.00E-04
0.119	0.061	6.66116107	6.04317368	6.13368328	6.14719695	6.27192643
0	0	0.00959967	0.06081543	0.03766169	0.02801773	0.04468977
0.004	0	0.21819558	0.11245772	0.1161266	0.18516396	0.20173957
0.004	0	0.60770473	0.54061788	0.51197789	0.63704539	0.54212173
0.004	0.008	3.68607457	3.64055978	3.34082838	3.54111072	2.66535785
0	0.004	0.06589954	0.08078118	0.07753017	0.04550688	0.33658525
0	0	1.00E-04	0.02643746	0.00952805	1.00E-04	1.00E-04
0	0	1.00E-04	0.01699842	0.02475501	0.00155387	1.00E-04
0	0	0.60580531	0.70632291	0.43525471	0.54079824	0.4851702
0	0	1.00E-04	1.00E-04	0.01159807	0.02813392	1.00E-04
0.004	0	0.01100739	0.05215241	0.0506863	0.03036568	1.00E-04
0.02	0.008	0.32278222	0.41268035	0.33758072	0.58143091	4.21282596
0.004	0	0.09232205	0.05938113	0.04692142	0.05453839	0.08504124
0.032	0.008	2.30137497	2.27563214	2.10713248	2.65135909	3.07355286
0.008	0.004	0.30452313	0.25640674	0.33771043	0.37283455	1.00E-04
0.028	0.02	1.90501216	1.92070575	1.42189592	1.78449329	1.35398295
0	0.004	0.49345561	0.30437253	0.32474306	0.34664409	0.34057855
0.008	0	0.4243671	0.71495669	0.58879666	0.57551689	0.66753814
0	0	0.02833539	0.01762594	0.01737693	0.03211074	1.00E-04
0.044	0.012	4.43600835	4.41532557	4.12550227	4.36394118	3.20271459
0.004	0.004	0.1698065	0.20608636	0.21956499	0.23083161	0.15804418
0	0	0.42982286	0.5834893	0.29245776	0.35857091	0.46657403
0	0	0.37445994	0.12954635	0.08302723	0.12817297	1.00E-04
0	0	1.00E-04	0.01095355	0.00573534	1.00E-04	1.00E-04
0	0	1.00E-04	0.17283025	0.06032353	0.07108814	0.03040705
0	0.004	0.01117241	0.15129729	0.14022706	0.153562	1.00E-04
0.004	0	0.50763957	0.60045757	0.6027561	0.67233321	0.14796601
0.004	0	0.20418546	0.16996674	0.07849743	0.08320555	0.24975113
0.095	0.148	3.26606774	3.64242256	3.57370209	3.76536382	3.54472493
0.107	0.078	2.2569063	2.37076286	2.7726006	2.76914579	2.24981889
0.008	0.016	0.1697607	0.23090372	0.45490339	0.35771239	0.24104489
0.06	0.053	2.51199729	2.57513521	2.46726388	2.67955594	2.70974234
0.302	0.291	3.70701915	3.82155278	3.71025625	3.79195764	4.17261545
0.325	0.357	4.40491509	4.74616972	4.42290252	4.40568105	4.38279613
0.631	0.631	5.21028982	5.40096468	4.90191255	5.0783951	5.30269629
0.075	0.029	6.29075134	6.50648842	5.82578468	6.03134649	6.47680957
0	0.008	0.50637232	0.59869812	0.3324938	0.48466344	0.26291236
0.012	0.02	1.84211869	1.83801509	1.72961574	1.75919671	2.08924141
0.635	0.598	4.03092795	4.53317427	3.60525427	3.88430909	5.07370096

0.008	0.004	2.01167341	2.35883156	2.00298683	2.01452769	1.88495099
0.306	0.209	4.66755088	4.69834457	4.33482498	4.44791879	4.7044186
0.04	0.033	1.27507053	1.45897531	1.43593199	1.45409715	1.24981933
0.004	0.012	0.5118141	0.58289611	0.62074183	0.75573546	0.4325977
0.083	0.049	2.62092896	2.55135051	3.39148707	3.30928098	2.84908129
0.179	0.164	2.41238677	2.445688	3.2307931	3.04280202	2.39766684
0.091	0.061	2.87715491	2.81341516	3.35698517	3.35310919	2.92055994
0.075	0.094	2.88366617	2.96289125	3.76189113	3.64581171	2.82660298
0.012	0.012	1.77221097	1.81871801	2.4620915	2.37233958	1.44419111
0.024	0.025	0.39138167	0.54250798	0.38447202	0.40595366	0.66860621
0.083	0.086	2.37816337	2.68268397	2.49024277	2.71337794	2.6594535
0.23	0.23	3.57294078	3.69642987	3.33793959	3.35816287	3.4922012
0.107	0.074	3.0246212	3.05787155	3.45437903	3.48579948	3.12211972
0.298	0.365	1.18027187	1.37263687	1.24089916	1.22335535	3.29260683
0.115	0.098	2.68777928	2.86096787	2.6515601	2.874537	2.72885346
0.294	0.27	4.30537915	4.50655321	3.92574795	4.02109907	4.23823273
0.056	0.066	2.54339924	2.5485946	2.79146278	2.79908266	2.59044896
0.595	0.537	5.33238329	5.64726377	4.97416374	5.1526479	5.43395151
0	0.016	0.48444846	0.61844083	0.33850145	0.49498065	0.20501302
0.083	0.033	3.38816398	3.45766442	2.89739019	2.96947241	2.9907273
0.056	0.098	3.56633225	3.93188841	3.36705118	3.66058175	3.30382552
0.012	0.004	1.14870286	1.4902346	1.49722576	1.52428628	1.69697398
0.04	0.025	2.5238552	2.73050309	2.16169435	2.41875964	2.50448181
0.02	0.016	2.25719219	2.224962	2.45195805	2.2510762	4.28690612
0.171	0.139	2.69730421	2.547101	2.65504721	2.79456625	2.94186819
0.004	0.004	0.3863151	0.31159496	0.50725076	0.41456192	0.70116637
0.079	0.066	2.1088526	2.04166377	2.23775779	2.28831718	2.29165736
0.123	0.098	2.40211447	2.31075847	2.75849562	2.83938328	2.2786414
0.004	0.008	0.79832828	0.53414868	0.63924046	0.58214106	0.84320656
0.012	0.025	1.91362992	1.55053138	2.40903965	2.34435523	1.01418485
0.044	0.074	1.42817003	1.80998017	2.14305997	2.13894525	1.52053315
0.02	0.016	0.61449748	0.78161545	0.9578474	0.95211234	0.80513329
0	0	0.12418765	0.1904095	0.17680039	0.20837159	0.45627383
0.004	0	0.62562195	0.68329343	0.38601202	0.48274888	0.73957634
0.016	0.012	1.16408422	1.67528652	1.05986768	1.53115865	1.24936553
0.036	0.016	1.29469685	1.33737403	1.85088997	1.9023093	1.34623674
0.008	0.004	2.60568442	1.63445765	2.09808133	2.02045136	1.70867538
0.036	0.049	1.0690821	0.67517417	0.75569973	0.70462646	1.07290655
0	0	0.55778946	0.54397569	0.29260449	0.38257516	0.67864003
0	0	0.85914134	1.28326614	1.06280648	0.78040278	0.79381242
0	0.004	1.00E-04	0.01121972	1.00E-04	0.00815255	1.00E-04
0	0	0.09221144	0.06860813	0.06032686	0.05343931	0.22348594
0.008	0.016	2.09972299	2.28018439	1.82428099	2.15878714	1.77515284

0.167	0.164	3.48978546	3.4061637	3.03692758	3.2604423	3.45157364
0	0	1.00E-04	0.0122763	0.00176378	1.00E-04	1.00E-04
0.008	0.004	0.23327878	0.2393536	0.3600066	0.34671765	0.60700236
0.44	0.393	4.85745181	4.71137335	5.047555	5.01896974	5.12414913
0	0	0.03120061	0.02687649	0.05353417	0.03396177	1.00E-04
0.433	0.316	4.73104071	4.78832513	4.29816947	4.41894769	4.71403318
0.226	0.176	3.69256588	3.57051523	3.03244104	3.14297341	3.22497953
0.004	0	0.52816681	0.40035264	0.37137954	0.68752241	0.62478755
0	0	1.00E-04	1.00E-04	1.00E-04	0.02049909	1.00E-04
0	0	0.4285225	0.22107679	0.22986244	0.3797637	0.13981566
0.008	0	1.82582918	1.7889228	1.51682078	1.72398238	1.22830725
0.052	0.008	3.70860673	3.32407056	4.38729409	4.40121507	3.53726439
0	0	0.05154881	0.02601936	0.04285702	0.04022998	1.00E-04
0	0	0.1014285	0.20753234	0.03509446	0.14039325	0.07212181
0	0	0.41566846	0.30007587	0.45663153	0.36949779	0.42485626
0	0	0.68806455	0.67466763	0.76474921	0.48876254	0.82506398
0.075	0.037	4.40313771	4.35911444	5.13678646	5.13545172	4.82202033
0.504	0.422	6.12689452	6.06128852	6.83323379	6.7473025	6.18785818
0.048	0.012	2.68287763	2.28676978	3.22676687	3.2740307	3.10989733
0.008	0.004	1.19519216	1.90863983	1.42581675	1.11141478	0.99463549
0.087	0.123	3.0711013	2.98726109	3.38337068	3.33159543	3.34695757
0.242	0.221	3.57783024	3.54638472	3.9324505	3.8688376	3.65521373
0.103	0.094	2.71233341	2.65222023	3.41468143	3.34634188	2.79328138
0.008	0	0.14636775	0.23048295	0.22670934	0.19443205	0.24254102
0	0	1.00E-04	0.01353392	0.00268743	0.00880336	1.00E-04
0.647	0.652	5.11700725	5.35451805	4.90769912	5.03972851	5.05315114
0.845	0.824	5.39499342	5.6074727	5.17052382	5.2348472	5.82431863
0	0.004	1.00E-04	0.02152889	0.0098105	0.00720663	1.00E-04
0.024	0.008	0.12290244	0.21311639	0.21728769	0.24755836	0.31146027
0.004	0	0.32226394	0.47537437	0.30857868	0.36892944	0.24828566
0.004	0.008	2.86275939	2.96697157	2.78435231	2.90439309	2.61462993
0.032	0.045	5.19027797	5.10713025	4.8931233	4.92410727	4.52417186
0	0.008	0.21991399	0.2063913	0.17128557	0.15918684	0.1688732
0	0	0.01385576	0.02726069	0.02561833	0.0590133	0.04209384
0	0	0.24814774	0.60302616	0.21827778	0.28625952	0.52372606
0.155	0.131	3.08620413	3.12924175	2.9975433	2.93321366	3.04197221
0	0	0.2373454	0.38781293	0.18799079	0.24885798	0.63234722
0	0	1.00E-04	0.00520367	0.00215659	0.00442171	1.00E-04
0	0.008	0.82792725	1.15692918	0.85689884	1.00238518	0.97086612
0.063	0.086	2.90971245	2.75004641	3.05377942	3.07908623	2.99839006
0.008	0.004	1.20612774	1.14469622	1.42313231	1.5318729	1.22340899
0.278	0.254	4.03391823	3.97716657	3.66473275	3.84887034	4.01328974
0.028	0.025	2.72027505	2.41157055	2.99064026	2.99723422	2.81810285

0.056	0.008	2.11839196	2.14039042	2.22643384	2.16699304	2.16927857
0	0	1.09237629	0.94105877	1.22970517	1.24390708	1.18402427
0.004	0.004	1.08667188	1.11323466	0.93180487	1.06822778	1.38863633
0.024	0.02	2.57374325	2.57025284	2.08315448	2.06608928	2.60288994
0.175	0.164	3.21275311	3.2647249	3.39322318	3.37669835	1.78272752
0.028	0.004	1.0959144	1.08157813	0.78483241	0.91674849	1.17464797
0.004	0	0.82348455	0.88958431	1.13934406	1.19121301	1.05294819
0.032	0.012	1.18429867	1.25439629	1.21162578	1.3976506	1.50357031
0.056	0.029	1.89832433	1.90650933	2.51162881	2.54397482	2.06054385
0.024	0.029	2.56708952	2.72832722	2.25374677	2.46755003	2.56221067
0.032	0.02	1.4047141	1.49530748	1.96706594	1.95197746	1.46471842
0.012	0.02	0.94417026	0.90675093	1.12845543	1.05502708	0.98634663
0.024	0.012	1.49252399	1.94685561	1.65788133	1.70687515	2.90612617
0.071	0.066	3.35341858	3.32708631	4.03482413	4.01801209	3.24941628
0.024	0.016	1.98911957	1.70858615	2.85459916	2.73242186	2.15874973
0.198	0.184	2.71116877	2.81243376	3.42951081	3.47796328	2.85373894
0.127	0.115	2.73071258	2.66298926	2.47789294	2.69465316	2.60200027
0.139	0.156	4.72519674	4.97995097	4.20123407	4.54677458	4.51245882
0.262	0.23	4.79126561	4.94705592	4.62081093	4.42896225	4.52827536
0.012	0	0.66117255	0.93677747	0.38611756	0.4111743	0.04957768
0.175	0.172	4.00096377	4.09891727	3.52820717	3.61991266	4.34086634
0.012	0.016	1.24297721	1.31761549	1.23560838	1.36271734	1.63365557
0.163	0.131	2.91431539	2.96480493	2.54779138	2.76410132	3.442988
0.04	0.033	2.15367105	2.2342482	1.96626428	2.2343855	2.0652472
0.246	0.143	3.81617048	3.97908557	3.54758956	3.77483588	3.95113996
0.103	0.102	2.51274174	2.69657674	2.5621245	2.6634803	2.60968981
0.321	0.348	5.03996346	5.44267726	4.85897231	5.05509733	5.34026038
0.004	0.012	1.19625858	1.45663657	1.02796129	1.1575278	1.07578984
0.067	0.123	2.21257968	2.31882373	2.53980344	2.47102137	2.53386905
0.258	0.221	4.04888939	4.17446435	3.55660295	3.80717396	4.03975667
0.155	0.127	2.72408767	2.91403826	2.51999232	2.69934839	2.70530999
0.194	0.184	3.57320868	3.62594244	3.51123939	3.5214031	3.66517604
0.179	0.201	3.77875553	3.75423423	3.4848689	3.65056557	3.76032101
0	0	0.86497223	0.67984172	0.41060547	0.454601	0.73866756
0.476	0.488	4.87580834	5.08351984	4.68778178	4.7058995	5.27220695
0.044	0.016	2.70857987	2.64911772	2.75890445	2.94940906	2.24010536
0.04	0.061	2.21927796	2.09952714	2.25045316	2.31963943	2.45304442
0.004	0.004	0.18913766	0.0864776	0.13259635	0.18217291	0.13611013
0.234	0.266	3.27639347	3.44032025	3.35861941	3.43140086	3.53452716
0.079	0.045	3.05667399	3.04867323	2.73053685	2.90438448	2.83408485
0.091	0.082	3.10196303	3.29748318	3.20031385	3.2058282	3.07847928
0.091	0.127	2.31760684	2.63072354	2.48292361	2.81616246	3.03750213
0.111	0.135	3.14348733	3.11679638	2.97296105	3.10925213	2.70997972

0.028	0.008	1.04981197	1.10190899	1.09820806	1.30898995	1.30543752
0.06	0.041	1.95039918	1.87983174	1.72782213	2.01563323	2.04588134
0.095	0.127	2.28760312	2.6049422	1.97322987	2.05517404	2.4309793
0.282	0.213	3.95449633	4.02004512	3.48609617	3.66402417	4.17141276
0.028	0.033	1.8278433	1.65938542	1.62522075	1.74924841	1.65758558
0.611	0.529	3.99802139	4.0955067	3.79837406	3.77837068	4.4796132
0.079	0.115	2.2202933	2.3040174	2.12207533	2.27294317	2.25044257
0.087	0.09	2.66680666	2.69737701	2.40054643	2.63455451	2.92328432
0.036	0.033	1.7464786	1.57817876	1.5907753	1.67462489	1.63708752
0.23	0.287	4.5546934	4.83611724	4.53009586	4.73633742	4.48484225
0.004	0	0.0620989	0.07044624	0.07816087	0.08157354	0.18599152
0.19	0.197	4.03255647	3.99208066	3.9423257	4.06777458	4.70646251
0.294	0.238	1.9890285	2.45461674	2.79008931	2.82556002	2.66564701
0	0.004	0.09282554	0.06717703	0.03709133	0.0307529	0.07286348
0.048	0.123	2.89992608	2.84137004	3.37382913	3.39848651	3.00950077
0	0.004	0.07941255	0.13635104	0.08872901	0.16731266	0.1185375
0.091	0.078	0.08751641	0.31500064	0.18847934	0.17851882	0.03972934
0.107	0.115	2.93074204	3.0910079	2.95579104	3.0880095	3.04180117
0.381	0.32	5.94458637	6.42889513	5.61842784	5.65665571	5.88080542
0.044	0.025	1.67250939	1.89339692	1.59654719	1.83583944	1.66516312
0	0	0.0252383	0.02296947	0.02211271	0.03559037	0.05510155
0	0	1.00E-04	1.00E-04	0.00139071	0.0012156	1.00E-04
0	0	1.00E-04	1.00E-04	0.00971355	1.00E-04	1.00E-04
0.06	0.061	2.52677542	2.56743251	3.32070845	3.21486662	2.45892777
0.024	0.041	1.68743623	1.67796284	2.06556409	2.05269037	1.85410097
0.04	0.041	0.55464783	0.65970192	0.40544125	0.49026037	0.74798085
0.024	0.033	0.75447177	1.30316834	1.1899842	1.34827447	1.17276193
0.024	0.012	0.87169415	1.20358806	1.048772	1.15341689	0.83380596
0.008	0.008	0.45378362	0.71980328	0.64859343	0.77616627	0.81924377
0.008	0	0.13028337	0.49189302	0.3215409	0.43160065	0.25002134
0.067	0.078	2.05002465	2.0188425	2.20836408	2.35914326	2.25776012
0.016	0	0.21480909	0.57944731	0.42232383	0.37841013	0.12043186
0.004	0.004	0.36503983	0.59455366	0.34545213	0.49569931	0.31414955
0.075	0.057	2.89488342	2.8107206	3.03077454	3.0289275	3.22842739
0.139	0.127	3.18609496	3.4064072	4.0129086	4.05111719	3.27039641
0.008	0	0.178809	0.32703995	0.35763717	0.4057678	1.00E-04
0.171	0.115	3.45261056	3.28808769	3.90834583	3.89752121	3.48587681
0.115	0.09	2.72407701	2.58160234	3.32876229	3.27857413	2.81670705
0.012	0.016	0.92151787	1.5679441	0.93993972	1.10850031	0.4408159
0.044	0.041	2.09587728	2.39390977	1.84225555	2.0856813	2.2838502
0.016	0.037	2.69459009	2.14201926	2.02843088	1.92253397	2.2894152
0	0.004	0.07403422	0.22119765	0.09846251	0.15655248	1.00E-04
0	0.008	0.39159083	0.66653029	0.2518061	0.32932972	0.18677505

0.004	0.004	0.42546195	0.80639421	0.36914037	0.47353797	0.23371426
0.024	0.033	1.36350555	1.66716145	1.46092829	1.58480765	1.47747807
0.016	0.012	0.70979427	1.14504874	0.43936339	0.6114904	0.73227092
0	0	0.25423231	0.44594359	0.48614847	0.66978516	0.14916798
0	0.004	0.38544566	0.26206514	0.21588431	0.18725126	1.00E-04
0	0.016	0.78120918	0.90264427	0.61163446	0.70159512	0.61387229
0	0	0.33695317	0.41339347	0.28272034	0.20384374	0.35343655
0.024	0.008	1.67877099	1.99731475	1.5417357	1.66006727	1.75609927
0.036	0.053	2.13757268	2.86041611	1.74875293	2.31694332	2.32726382
0.004	0.012	0.31971733	0.8486887	0.76558451	0.83581914	0.78142612
0.008	0	0.6405026	0.8172766	0.42737839	0.42362264	0.48725045
0.036	0.061	2.04465876	2.47806585	2.30201471	2.58895743	2.37226033
0.21	0.221	3.55669781	3.76095534	3.72210038	3.69218912	3.33482867
0	0	1.00E-04	1.00E-04	0.01409313	0.00249926	1.00E-04
0	0.008	0.43241488	0.37271901	0.21529044	0.25595501	0.03148474
0.012	0.012	0.97659807	1.46069913	1.07611962	1.42394699	0.68098712
0	0	0.03998056	0.09190689	0.12841447	0.07996625	0.09697589
0.635	0.385	7.47067073	7.19866246	8.21669527	8.06875907	7.49378332
0.456	0.471	4.93168191	5.02155432	4.99810114	4.96187294	5.06543622
0.004	0.008	1.39556233	1.76813133	0.90240019	0.8725925	0.80341603
0	0	0.04488154	0.0637339	0.00560372	0.0085991	1.00E-04
0.167	0.148	3.50253258	3.44562323	3.2441663	3.55452349	3.62645418
0.512	0.582	5.65820631	5.48069065	6.35022422	6.22096349	5.90991863
0.036	0.016	1.07934612	1.4218196	1.52202737	1.45635531	1.40844457
0.258	0.34	4.49118013	4.84210921	4.46883572	4.42916866	4.90037126
0.024	0.029	1.52860157	1.55560042	2.47157743	1.98430813	3.18776477
0	0	0.46074316	0.58611407	0.34595746	0.56606441	0.04820561
0.012	0.008	0.02384322	0.01405859	0.03487886	0.04914324	1.00E-04
0.063	0.09	3.53923463	3.82435981	3.46606191	3.41293714	3.68079811
0	0	0.70865189	0.50987603	0.95386206	1.04037142	0.82694665
0.278	0.295	3.62332151	3.71253886	4.25583755	4.12883874	3.86903221
0.008	0	0.69023701	0.43040617	0.30616816	0.48724411	1.1487094
0.048	0.049	5.05616878	5.38530762	4.82098278	5.15195842	4.42054541
0.012	0.004	0.67782285	0.85219352	0.69294613	0.74844651	0.34931329
0.127	0.111	2.16443225	2.33219767	2.60147784	2.66382309	2.18342745
0	0	0.00795303	0.02361577	0.03223755	0.0373816	1.00E-04
0	0.008	0.04130274	0.10947984	0.04594455	0.04647546	0.31710577
0.044	0.033	0.71773678	0.9815132	1.16527692	1.13076205	0.87528618
0	0	0.05970577	0.13619975	0.07214808	0.12008723	0.2584483
0.004	0	0.83609014	0.90267147	0.62055217	0.64634779	0.94290401
0.016	0.008	0.99801433	1.21256471	1.00444563	1.17751351	1.41671992
0.016	0.012	1.20861831	1.50955887	0.87663555	0.94988059	1.01547203
0.056	0.078	2.59934389	2.53585188	2.40076507	2.53168436	2.4464915

0	0	1.00E-04	1.00E-04	0.006661	1.00E-04	1.00E-04
0.175	0.168	3.41260685	3.36911772	4.27177782	4.29121515	3.57411599
0.25	0.217	4.0785463	4.14356239	4.95030192	4.86487061	4.36850633
0.04	0.066	2.2817147	2.44501904	2.61519158	2.78325433	2.68798562
0.373	0.336	4.82116403	4.96520482	4.48660988	4.53388377	4.90810841
0.036	0.025	1.95191217	1.69368591	2.15424147	2.13955805	1.7889388
0.095	0.057	2.4569355	2.62229105	3.29548601	3.23317534	2.59260512
0.175	0.07	4.02981316	4.05824464	5.1103695	4.88234065	3.0758777
0.099	0.111	1.93822711	2.00048319	2.71156871	2.67027859	2.50268054
0.052	0.033	1.92330046	1.954019	2.78113394	2.83047006	2.2304677
0.54	0.459	4.69454094	4.96510307	4.5526125	4.61608499	4.92872955
0.155	0.127	3.6774385	3.66421559	3.365059	3.59626098	3.65876623
0.825	0.852	5.63931341	5.80398485	5.38944983	5.55337055	5.81055021
0.262	0.287	3.19855688	3.11179236	3.30550827	3.26513453	3.78177142
0.286	0.307	4.44290203	4.56153288	4.54502142	4.62397534	4.57845389
0.004	0	0.10415209	0.22187882	0.14444722	0.1861397	0.55738176
0.341	0.365	4.16709825	4.42435132	3.83928174	4.08674433	4.41823153
0.325	0.225	4.31863896	4.48602038	3.69623736	3.85292939	3.04959992
0.294	0.221	3.95594889	4.07709984	3.727761	3.83161517	4.05164371
0.44	0.496	5.33673175	5.6389262	5.01505138	5.26975947	5.29197509
0.008	0.008	1.93465399	2.16638211	2.24133383	2.30639249	0.77088442
0.06	0.045	2.72968776	2.8087792	2.64356426	2.851686	2.69115501
0.056	0.041	3.02020403	2.92296819	2.79705271	3.01812969	2.97620409
0.067	0.102	2.58784208	2.62540427	2.3786211	2.58795978	2.86417964
0.135	0.131	3.32474296	3.29432203	2.94088141	3.20555373	3.54073896
0	0	0.76482284	0.72205619	0.48155287	0.66366014	0.52209172
0	0	1.00E-04	0.01801868	0.01236904	0.00689736	1.00E-04
0.063	0.053	4.73275716	3.97341357	5.5368974	5.39433197	4.08513046
0.028	0.008	1.33945539	1.5983673	2.58708557	2.38714115	2.03059786
0.159	0.189	1.13943966	1.29234494	0.84150507	1.08392408	1.86658282
0.341	0.352	4.37635004	4.43441253	4.18827495	4.19585818	4.06427208
0.127	0.102	3.31739815	3.31629258	3.7737417	3.72339981	3.31460145
0.575	0.365	6.85339671	6.69522762	7.91497788	7.74681104	5.01901659
0.139	0.135	3.59052981	4.28387183	3.23881638	3.46998086	4.24887554
0.107	0.086	2.31174035	2.73513751	2.81139244	2.87444482	2.4651817
0.004	0	0.39533246	0.58906069	0.37915452	0.42831256	0.17949444
0.234	0.217	3.9295455	4.10013621	3.73632854	3.84125048	4.04059337
0.016	0.02	1.59656857	1.18583488	1.39410144	1.33673878	2.03946788
0.056	0.029	1.93945395	1.91129363	1.79254515	1.9746503	2.16036602
0.099	0.074	2.62161825	2.49653989	3.01273198	2.85565445	3.04263293
0.171	0.164	3.94285944	3.87846085	4.67125062	4.61767472	4.23351369
0.131	0.111	3.79687845	3.56445123	4.14980097	4.07001719	3.73145125
0.028	0.012	2.27049134	1.90569343	2.24612672	2.18085842	2.09117791

0.246	0.262	3.8198788	3.88859884	4.48645237	4.54488883	3.92442298
0.179	0.164	4.69151201	4.53746595	4.64969758	4.63030924	4.80675639
0	0	0.15019456	0.22291144	0.1213683	0.15780308	0.05462982
0.23	0.217	3.81654836	4.2662	4.50413968	4.47235313	3.90311098
0.028	0.037	2.05788358	2.13998547	2.36888639	2.30809434	2.25809351
0.107	0.098	2.39881385	2.51216743	2.68547098	2.77429493	2.61167376
0.008	0.008	0.4491988	0.52267811	0.19962297	0.25987934	0.97702771
0.456	0.459	3.4901786	3.67649463	3.13033406	3.49098878	4.69549193
0	0.004	0.29115389	0.23805874	0.11457928	0.09932447	1.00E-04
0.353	0.332	4.29708898	4.1114816	4.47220328	4.15165649	4.34679525
0.071	0.049	3.51539007	3.54897292	3.18756451	3.46538302	3.75749777
0	0	1.00E-04	0.01490239	0.02404422	0.07020243	1.00E-04
0.016	0.012	0.86094463	1.00644475	1.15001851	1.1951426	0.25792299
0.036	0.029	1.48948	1.41637476	1.80915912	1.76464806	1.65655498
0.079	0.033	3.482003	3.42495636	3.79753416	4.01684355	2.21521047
0.143	0.09	2.46342143	2.34952117	2.73041527	2.73025765	2.76395184
0	0	1.00E-04	0.01499157	1.00E-04	1.00E-04	1.00E-04
0	0	0.11056462	0.06755193	0.02267916	0.03282757	0.29627229
0	0	0.16999985	0.08024524	0.08502121	0.09383217	1.00E-04
0.004	0	0.3918696	0.30078594	0.45748915	0.45898445	0.29964405
0	0	0.03471372	0.06261212	0.02811279	0.03220801	1.00E-04
0.016	0.004	1.43585599	0.96266548	0.55019975	0.81246565	1.11911311
0	0	0.33521456	0.38615612	0.22616546	0.24887277	0.33012034
0	0	1.00E-04	1.00E-04	1.00E-04	0.00202049	1.00E-04
0.004	0	0.04791422	0.25338801	0.12894327	0.13963163	0.18446202
0.012	0	0.77246506	0.93965458	0.6137312	0.49314248	0.85924051
0	0	0.02661559	1.00E-04	0.02308693	0.01976455	1.00E-04
0	0.004	0.02545132	0.1149221	0.05485841	0.05406295	0.05716952
0	0.004	0.85768624	0.68890046	0.6579188	0.6609851	0.91847833
0	0.004	0.12951457	0.20844566	0.12904303	0.14527441	0.13893475
0	0	0.16469573	0.08682883	0.04862183	0.10380111	0.19134507
0.02	0.016	0.79525915	1.30443255	0.5323097	0.68767451	1.1281271
0.075	0.094	2.04243189	2.36357814	2.81210444	2.77543426	2.30332846
0.004	0.008	0.29921016	0.53221658	0.16815688	0.30004608	0.60855726
0	0.004	0.03493971	0.1581753	0.05912926	0.09342296	0.09809632
0.004	0.008	0.19621342	0.09486903	0.07692215	0.14847991	1.00E-04
0.008	0.016	1.70523734	1.7668445	2.1372514	2.10053866	1.64386533
0.004	0	0.01029121	0.04739144	0.02741112	0.08136561	1.00E-04
0	0	1.00E-04	1.00E-04	0.00181382	0.01317534	1.00E-04
0.024	0.02	0.18553423	0.20995912	0.18665912	0.27554904	0.93241816
0.766	0.762	2.76432526	2.90872195	2.37861264	2.56236365	5.27512669
0.282	0.299	2.69740222	2.79916125	2.75511499	2.92057153	2.9769057
0.008	0.012	0.38501458	0.45025452	0.61034337	0.53923213	0.88081306

0.063	0.07	1.05488883	1.15097592	0.96844019	0.91349865	2.2755306
0.02	0.025	2.34583777	2.18930483	2.6050873	2.67322374	2.22501452
0.004	0	1.56026427	1.6690473	1.71118855	1.82366165	1.12907241
0	0	1.00E-04	0.00414583	0.01409219	0.03010681	1.00E-04
0	0	1.00E-04	0.01707079	0.02102911	0.00832718	1.00E-04
0.004	0.008	0.02446592	0.0531522	0.13014765	0.06886754	1.00E-04
0.02	0.016	0.78417279	1.39782898	1.14562972	1.22758018	1.35611275
0	0	0.04175108	0.09203184	0.09222323	0.06304389	0.09341511
0.016	0.016	1.24814177	1.21911141	0.59962815	0.83982387	0.83073219
0.266	0.262	3.03104619	3.28138575	3.04441212	2.99660511	3.61010633
0	0	0.34022028	0.14335317	0.15609592	0.17244021	0.12279443
0.008	0	0.43811957	0.77368426	0.71231648	0.7381527	0.68231692
0.21	0.23	3.32971465	3.36578725	3.49112476	3.57387146	3.52906043
0.107	0.074	2.88233237	3.10456102	2.74772934	2.93197543	3.15320722
0.25	0.393	4.04771011	4.07969913	4.72216786	4.75257561	4.18702957
0.079	0.107	2.77870413	2.86996762	3.33298694	3.35446216	3.01508088
0.151	0.123	3.47440264	3.6216899	4.25063119	4.2226035	3.63198456
0.313	0.27	3.80100147	3.96353693	4.73966486	4.71333799	4.04008903
0.052	0.045	1.59708853	1.72810521	1.82697252	1.92700848	1.71947581
0.087	0.053	2.41389275	2.54483314	2.63752014	2.70641807	2.55555574
0	0	0.06137555	0.17377009	0.08108645	0.19308047	0.52672367
0.357	0.303	3.81844542	3.98822731	4.60421923	4.57002898	3.83046109
0.004	0	0.08700642	0.05039577	0.07677277	0.07993378	1.00E-04
0	0.004	0.04235824	0.23833957	0.31854356	0.25926015	1.00E-04
0	0	1.00E-04	0.01085638	0.00422918	0.00950395	1.00E-04
0.052	0.078	2.54221387	2.52354854	2.56479379	2.58705885	2.89261451
0.004	0.004	0.20236584	0.30081497	0.24809234	0.42387706	0.07482831
0.008	0.012	0.48232022	0.36093163	0.55060119	0.60201048	0.22821172
0.004	0.004	1.58327778	1.94960289	2.27979811	2.36039978	0.39613813
0.032	0.016	4.09756862	3.93278893	3.80183218	4.0152665	4.97600631
0	0	1.00E-04	0.0356028	0.05121706	0.03101298	0.19056718
0.004	0.004	0.12958777	0.30301643	0.14157228	0.11458062	0.30288906
0.095	0.102	2.78838983	2.65357995	3.27410548	3.24507485	3.09902476
0.02	0.016	2.37294157	2.49029706	2.35576269	2.37664435	2.30576004
0.075	0.07	3.10890967	2.82791722	3.13461322	3.22433424	2.6884719
0.286	0.189	3.80490164	4.34908087	4.24584925	4.18357983	3.94318919
0.274	0.299	3.78745063	3.83622419	4.28336117	4.28414657	4.11611889
0.091	0.111	2.55393544	2.60018795	3.18870473	3.23784916	2.9614281
0.266	0.213	3.84792319	3.83777318	4.41658338	4.33809089	4.08874463
0.198	0.164	4.166586	4.23682426	5.02974513	5.05455866	4.10719155
0.155	0.258	3.42925278	3.56843247	3.91150974	4.05148298	3.67157732
0.004	0.008	0.74491725	0.95018934	0.71468369	0.89588097	0.89662563
0	0	0.20633818	0.05397431	0.06011114	0.05516506	0.08155887

0.119	0.107	4.47886482	4.517701	5.17029853	4.70446063	4.42288702
0.008	0	0.70913235	0.84315484	1.28703585	1.28833904	2.08594907
0.095	0.082	2.7694693	2.82234537	2.79335942	2.86436894	2.86081102
0.008	0.016	0.60786517	0.66615512	0.52406227	0.72297423	1.17216373
0.016	0.012	1.4284783	1.60521441	1.539198	1.51020522	1.47717519
0.056	0.07	2.07471461	2.20266389	2.46296821	2.58476155	2.57838134
0.242	0.189	3.8637706	3.9210968	3.6830228	3.81569475	3.90698282
0.044	0.053	0.11987268	0.85380728	0.8131701	0.91634736	0.71722868
0.405	0.537	3.21648863	3.21797576	3.99391909	3.81193448	4.08849068
0.032	0.012	0.62107804	0.64775934	0.57969331	0.55404147	0.82124174
0.012	0.012	0.20647843	0.20792533	0.19151899	0.29520052	0.78104864
0.127	0.07	3.36612611	3.46708876	4.21905686	4.15793331	3.35474321
0.075	0.074	3.01142698	2.94300312	4.14633037	3.81299173	3.53275141
0.472	0.41	4.64747441	4.84420593	4.20874714	4.31390588	4.69710565
0.556	0.434	5.23092142	5.38981965	4.89542738	5.12081125	5.33142168
0.087	0.123	3.65686616	3.73818456	3.37765603	3.63041746	3.99168999
0	0.008	0.60215151	0.69509235	0.70305701	0.83116546	0.81905823
0.008	0	0.27529442	0.76168892	0.46057028	0.80149414	1.00E-04
0.008	0.008	1.24520901	1.06493115	1.49388441	1.97465461	1.3086309
0.099	0.107	3.07119827	3.10083139	2.8785627	3.04330666	2.96830613
0.008	0.004	0.17394282	0.18249686	0.19564933	0.20050316	0.33933462
0	0.004	0.09840359	0.07611127	0.07796884	0.0854932	0.16203435
0.008	0	0.9796748	1.15102072	1.00571336	1.12225734	1.16019075
0.226	0.201	3.76296025	3.91873358	3.68015603	3.80209795	3.93214836
0.032	0.025	3.33274283	3.54684885	3.05839126	3.2832991	3.3434224
0.063	0.045	4.42419406	4.53140975	4.15292761	4.21937087	4.54850201
0.067	0.107	3.40949019	3.5001805	3.23220679	3.50227479	3.80879807
0.127	0.123	3.22607769	3.39228891	3.26751909	3.52950031	3.52189878
0	0	1.00E-04	1.00E-04	0.00805889	1.00E-04	1.00E-04
0	0	0.57314787	0.82020856	0.55234689	0.17994393	2.44658859
0	0	0.0758863	0.13091495	0.0492568	0.10550994	0.12665082
0	0	0.11500645	0.22585809	0.09219521	0.1481848	0.24312297
0.008	0.016	1.24199438	1.15009753	1.27549037	1.41392789	1.10362459
0	0	0.10769226	0.10239564	0.18097085	0.19508193	1.00E-04
0.028	0.029	1.5415166	1.63221762	1.42986071	1.6758074	1.67273395
0.004	0	0.33525659	0.36455732	0.17311217	0.11564807	0.07577321
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03484545	0.18534298	0.10602991	0.13045201	0.05681065
0	0	0.1019209	0.08118232	0.07699082	0.08267679	0.0822421
0.004	0	0.33974042	0.51771395	0.47639919	0.49699585	0.85483564
0.008	0.004	0.36081559	0.4204448	0.21214599	0.36645249	0.36891178
0	0	1.00E-04	0.02493238	0.01192406	0.01281533	1.00E-04
0.008	0	1.27484998	1.39797784	1.69044233	1.69258046	1.0281946

0	0	1.00E-04	0.0228139	0.03018261	0.05008264	1.00E-04
0	0	1.00E-04	0.11310073	0.15152802	0.13807772	1.00E-04
0	0	1.00E-04	0.0057239	1.00E-04	1.00E-04	1.00E-04
0.028	0.008	0.5517265	0.5965707	0.56313724	0.56352393	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00140003	1.00E-04
0	0	1.00E-04	0.00816923	0.01551955	0.05529076	1.00E-04
0.02	0.016	1.90491233	1.8101396	2.72418743	2.58539933	2.40485724
0	0.004	1.00E-04	0.17996241	0.14558439	0.18036257	1.00E-04
0.179	0.201	2.39411038	2.50437326	2.90439714	2.78457011	2.86857221
0.008	0.004	0.59210737	0.88666637	1.31285409	1.39040999	0.96203555
0	0.004	0.12330227	0.08576418	0.07842592	0.11560055	2.09781225
0	0	0.15846328	0.12235791	0.4784123	0.41054725	0.60292514
0.131	0.127	4.19111552	4.2025348	4.52693657	4.55644395	4.56208823
0.004	0	0.97241445	1.10177994	0.9182132	1.57936625	0.83128806
0.226	0.225	3.917097	4.19383373	3.63080782	3.66373205	4.4344975
0	0	0.6282918	0.48734471	0.44808402	0.47359593	0.57003908
0.004	0.037	1.21335973	1.21667803	0.86429048	1.02063161	1.28564132
0	0	1.00E-04	0.0444238	0.03083924	0.02789972	1.00E-04
0.004	0	3.40463446	3.23093268	2.73599	2.92603847	2.90425595
0.048	0.033	4.54379751	4.72619771	4.08899491	4.70370594	3.82039764
0	0	1.00E-04	0.01230607	1.00E-04	1.00E-04	1.00E-04
0	0	1.64402124	2.62079926	1.44382031	2.08730012	0.68932255
0.409	0.443	2.94673814	3.39252424	3.46898969	3.44817209	3.68898307
0.373	0.311	0.20860651	0.4810938	0.55185899	0.39036822	0.28354162
0	0	0.29851465	0.46085053	0.22454909	0.37002211	1.00E-04
0.004	0.004	0.34230018	0.36546017	0.24110411	0.33109377	0.19731603
0.079	0.066	4.46565328	4.43344054	4.98894234	5.00608897	4.81610678
0	0	0.17683223	0.33255592	0.23107935	0.10817185	0.11389767
0.02	0.004	2.8543474	2.61474322	2.71687575	2.95560718	2.57839586
0.052	0.033	4.50277774	4.13320975	4.84489011	4.80716203	4.15914321
0	0	1.00E-04	1.00E-04	1.00E-04	0.00243922	1.00E-04
0.056	0.012	4.02989438	3.36502639	4.11601633	4.09600345	4.60093625
0.008	0.008	1.18842392	0.94051049	1.15860414	1.25321911	2.17853341
0.103	0.057	5.19077687	5.24649041	5.34137442	5.57235922	5.25991693
0	0	0.81358943	0.91493839	1.02939723	1.1940912	2.19548612
0.099	0.107	0.0617031	0.25258497	0.21513804	0.19228307	1.89249784
0.008	0.016	0.18875826	0.19845612	0.3227574	0.40853109	0.38856369
0.036	0.012	2.02485563	2.20334459	1.76463246	2.07800573	1.65536668
0.004	0.004	0.92766954	0.7673231	0.83277981	0.93766336	2.98328464
0	0	0.09654793	0.09616457	0.10746886	0.13646831	1.00E-04
0.175	0.148	5.85445838	5.97986656	5.99023888	5.72558413	5.56417308
0.131	0.074	1.8766396	1.45552172	1.70174583	1.87661794	1.23854317
0	0.004	0.74217565	0.53516166	0.81095929	0.52121087	0.48276089

0.496	0.459	4.96110369	5.01982379	4.82808796	4.9625712	4.9603293
0.246	0.18	4.57373385	4.7379881	4.33176929	4.30705826	4.63333764
0.179	0.197	3.55996316	3.67587891	3.28335417	3.1932624	3.82726112
0	0.004	0.19830704	0.23071744	0.16640965	0.2566849	0.19545985
0.083	0.123	4.15961687	3.93607047	3.60565584	3.92669067	2.22730235
0.437	0.418	3.95478958	4.15650177	4.27190956	4.26498818	4.35320058
0.071	0.107	2.53651853	2.5465881	2.43955783	2.56367083	2.47500451
0.083	0.078	2.75514623	2.63296865	2.85074944	2.78269384	2.80552087
0.242	0.234	3.2631003	3.23570452	3.05584266	3.27556321	3.23458486
0.048	0.045	4.21559767	4.31692453	4.13561952	4.11291726	4.11944119
0.008	0.029	0.7947368	0.86007053	0.80204834	0.92291971	0.36848588
0.206	0.18	3.98771767	4.21947271	4.18496871	4.31734973	3.93290295
0.044	0.029	2.80259139	2.56054965	3.1664403	3.16814349	2.6653144
0.056	0.045	2.17594771	2.14904737	2.42028789	2.59422657	2.20516375
0.044	0.037	3.10196154	3.0181332	3.14960381	3.23243611	3.24868708
0.389	0.352	0.43020604	0.43403754	0.24173175	0.37676439	3.92814582
0.194	0.283	3.13128469	3.08989164	3.81131839	3.78363203	3.38975694
0.286	0.246	3.97904786	4.28002591	3.6642643	3.82793459	3.97271267
0.02	0.029	1.15032254	1.18398745	1.62677724	1.57614024	1.35338558
0.052	0.066	3.26492643	3.48867789	2.83019429	2.96537831	3.26832616
0.075	0.066	2.3585795	2.40166995	3.06744838	2.96462902	2.45975435
0.004	0	0.08376145	0.15564891	0.09470668	0.08649715	1.00E-04
0	0	1.00E-04	1.00E-04	0.00320099	0.0018066	1.00E-04
0	0	1.00E-04	0.00685024	0.02480582	0.00202821	1.00E-04
0.127	0.16	3.57217455	3.65682251	3.85017493	3.93312638	3.7336305
0.063	0.066	2.93350939	2.8385432	3.16596651	3.07834386	3.20723148
0.131	0.143	3.27454451	3.22012202	3.18028441	3.45440302	3.43041391
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.04029107	0.0569121	0.05879633	1.00E-04
0	0	0.34705293	0.32610092	0.21693773	0.26242423	0.55490375
0.369	0.34	3.18756971	3.32628165	3.12896868	3.17342304	3.9415533
0.004	0	0.05989078	0.24447608	0.17268972	0.20534195	0.17559143
0.04	0.025	0.02650451	0.09502808	0.04271724	0.04819873	0.10463848
0.325	0.348	4.98633017	4.98175531	5.60890267	5.58389682	5.09485493
0.147	0.127	3.26024506	3.25682015	3.8138912	3.78787286	3.63003781
0.421	0.393	5.28572756	5.26176138	5.10408054	5.26349936	5.29434679
0.004	0.004	0.38038289	0.93109859	0.48654453	0.42240176	0.82566836
0.004	0	0.08883387	0.26583961	0.23247128	0.22973551	0.22061903
0.008	0.004	0.72964837	0.59614319	0.31951233	0.81715645	0.21851899
0.032	0.041	1.86317929	2.07642489	1.90142703	2.19527564	2.02077603
0.032	0.037	3.04384476	3.07576281	3.12730207	3.1858892	3.02272504
0.004	0	0.48638949	0.63057837	1.29468675	1.12844997	0.48133683
0	0	0.21137383	0.09298088	0.06290902	0.09596176	0.27326229

0	0	1.00E-04	0.06612883	0.00477772	0.02366684	1.00E-04
0.321	0.303	3.9279153	4.19309696	3.59696551	3.94946851	3.48942111
0.008	0.025	0.17673678	0.35611461	0.66778645	0.5047238	0.05612445
0.135	0.139	3.57123176	3.4028946	3.36791222	3.52315156	3.55655781
0.115	0.053	3.91212477	3.82097385	4.12756164	4.14450537	3.53146541
0.036	0.041	2.22123143	2.09075618	2.5388602	2.59043621	2.15915056
0.21	0.176	3.48643059	3.62421071	3.86604756	3.9231395	3.53935574
0.266	0.217	3.38431195	3.45053469	3.63863698	3.72483289	3.44112417
0.044	0.074	2.20617677	2.2053399	2.96936794	2.81915554	2.34552285
0.56	0.602	5.74595061	5.82938764	5.23739071	5.36597046	6.13289242
0.004	0	0.55612391	0.74204696	0.40682559	0.6068621	2.97333751
0.258	0.258	3.89072629	3.81276339	4.00631874	4.09009369	3.90431511
0.016	0	1.69924068	3.62338818	1.96457498	2.31138905	1.77558569
0.163	0.201	3.83431877	4.13627066	3.66927038	3.78134197	3.7940498
0.107	0.119	1.11193778	1.24550449	1.28743506	1.28468666	1.72453866
0.016	0.016	2.34140335	3.06815571	3.17119263	3.03001695	1.81671499
0.123	0.098	3.07275908	3.07414795	3.67553493	3.58968625	3.10330511
0.02	0.029	0.97079152	1.20169237	0.87996812	0.98159091	1.40857529
0.456	0.443	4.56053323	4.7306087	5.03756753	4.94664357	4.77585009
0.139	0.119	1.97084918	2.0636642	2.23063668	2.23109997	2.94978844
0.02	0.004	0.51991559	0.37262299	0.41138438	0.5448791	0.9775384
0.111	0.066	2.70526825	3.51966956	2.60844852	2.96263952	2.89504707
0.024	0.016	1.54649247	1.57571314	1.64434905	1.75816863	1.35432689
0	0	0.62220233	0.7956288	0.50531328	0.52083221	0.65756193
0	0.012	1.2789592	0.83888084	0.49212055	0.47735893	1.7540293
0.044	0.02	2.27265755	2.87213063	2.17403714	2.24784662	2.35519285
0.536	0.512	4.76754067	4.79744389	5.2392789	5.15290973	4.83693202
0	0.004	0.39495228	0.55783893	0.31930193	0.14987064	0.43878307
0.048	0.057	3.97031484	4.10391051	4.04190918	3.96283175	4.23416754
0.052	0.086	1.97435771	2.24615551	2.09524737	2.36847152	1.95323992
0.016	0.008	1.84338325	1.24339152	2.5768586	2.1823568	1.09534311
0.004	0.004	1.00E-04	0.01202826	0.04174612	0.01019242	1.00E-04
0.024	0.061	1.50144464	1.91628924	1.17070422	1.67074203	1.3974038
0	0	0.04515183	0.12968226	0.03251032	0.06464768	0.15535039
0	0.004	0.29388952	0.38364032	0.22035402	0.27292031	0.25027498
0	0.012	0.26436796	0.40646806	0.29401547	0.46860197	0.10905039
0.159	0.152	3.09804966	3.14327547	3.48534416	3.5514365	3.23777223
0.008	0.004	0.38962831	0.4415011	0.50970146	0.49207074	0.74604299
0.02	0.012	3.91684169	3.32233286	3.18760473	3.59137667	2.39839369
0.246	0.201	4.18639452	4.2837783	4.82638223	4.76893408	4.32287097
0.004	0.004	0.19509206	0.34933695	0.22758263	0.33657753	0.13827115
0	0	0.15183725	0.17607827	0.06378833	0.06431736	0.45126341
0.02	0	1.49387913	1.82934456	1.94960396	1.69592244	2.54649527

0.012	0.012	0.45478599	0.49710219	0.36421791	0.41521198	0.525518
0	0	0.11468886	0.06731494	0.10713867	0.22880047	0.16853368
0.202	0.193	3.03957937	2.60978847	3.34383251	3.35465542	3.48049243
0.016	0.012	0.95194108	0.75026057	0.51435585	0.72154872	1.31017946
0.008	0.004	0.24450566	0.2648885	0.20020542	0.30050892	0.13119175
0.139	0.127	3.52437583	3.99841126	3.30970059	3.59997018	3.52054573
0.052	0.049	1.7386434	1.70503071	1.64609751	1.77711972	1.93542332
0.052	0.016	1.91525407	2.27875863	2.01859367	2.13586587	2.28445541
0.452	0.369	4.38680966	4.59455915	4.17381662	4.32765612	4.67199846
0.242	0.262	4.18683816	4.29660002	3.90056004	4.08819131	4.23576291
0.175	0.209	3.30990829	3.38744781	3.4379872	3.75975844	3.98202216
0.476	0.406	4.42978335	4.57291322	4.04725404	4.21641488	4.57746146
0.075	0.049	2.24359852	2.29309689	2.30954113	2.36398787	2.47141657
0.484	0.447	4.65933071	4.9666284	4.41430323	4.52578349	4.68382934
0.159	0.168	3.32525423	3.41119192	2.94679096	3.12605795	3.48747029
0.635	0.602	4.42719089	4.48032582	4.08992098	4.34474684	4.64002108
0.167	0.143	3.41451056	3.48001381	3.55072887	3.59696682	3.4783791
0.099	0.09	2.56602134	2.55087653	2.64646458	2.84239408	2.9642139
0.119	0.148	2.87527149	3.12144406	3.03801692	3.1136632	3.27355472
0.052	0.07	2.52261279	3.15241271	2.92584235	3.01509332	2.62201425
0.103	0.139	2.92675608	3.05707593	3.4434223	3.45431338	3.24272208
0	0	1.00E-04	0.02364382	1.00E-04	1.00E-04	1.00E-04
0.179	0.189	3.44114585	3.49897779	4.22983256	4.1354307	3.64115899
0.127	0.082	3.99214268	4.09991941	4.37629678	4.28886067	4.37061277
0.044	0.049	1.13363178	1.23904334	1.4742467	1.50820785	0.86270012
0.008	0.012	0.40049325	0.42721783	0.22966616	0.35596679	1.23435183
0.012	0.004	1.26469777	1.30717227	2.00152726	2.10526048	1.10993969
0.365	0.34	5.12706008	5.16169658	4.46151484	4.72626093	4.7287943
0.052	0.029	0.94222811	1.13015732	1.13819694	1.41254223	1.35317126
0.016	0	0.48757884	0.51455039	0.26856388	0.31446017	0.6419295
0	0.004	0.82208271	0.70858091	0.53551405	0.66817052	0.64648431
0.004	0	0.11856806	0.06065358	0.03299656	0.03452587	0.08957748
0.075	0.061	4.67129027	4.82164302	4.40636838	4.5194506	4.70982555
0	0.004	0.24945126	0.22117502	0.09806063	0.09797328	0.15343475
0	0	1.00E-04	0.01230621	0.02790352	0.02931302	1.00E-04
0	0.004	0.24419277	0.19900347	0.19072094	0.21685271	0.93401019
0.004	0.004	0.38729939	0.50042598	0.42316088	0.49015831	0.61960193
0.008	0.004	0.49960973	0.49197678	0.4180011	0.43568228	0.4109292
0	0	0.25899182	0.23292508	0.20317502	0.23412554	0.27110221
0.016	0.02	0.39599056	0.47643264	0.38074497	0.47842096	0.68130928
0.028	0.025	2.66316357	2.80361969	1.96566935	2.36308521	2.40743472
0.004	0	0.05126789	0.17173863	0.06958724	0.02884467	1.00E-04
0.008	0	1.00950276	0.83344225	0.59019102	0.78386018	0.79618993

0.552	0.467	4.85552488	4.80048336	4.48576116	4.67102109	4.84172204
0.032	0.02	2.18412792	2.31757545	2.09609657	2.28750595	2.15355009
0.417	0.414	3.85734158	4.18652405	4.1166597	4.24316994	4.04876971
0.103	0.107	2.26146592	2.20547458	2.96907153	2.98065256	2.39079251
0.048	0.029	1.74264855	1.87386618	2.29596407	2.2774217	1.81779236
0	0.004	0.7524553	0.98880063	0.46062897	0.43960604	0.18092628
0.004	0.025	1.16625591	1.18393037	0.60686127	0.6393194	1.37556393
0.02	0.029	2.4893219	2.0626941	2.99531825	2.86312743	3.05178547
0.056	0.057	1.98194406	2.22826512	2.03525368	2.21162051	2.08316106
0.155	0.086	2.85090848	2.84897061	2.92363572	3.02147187	2.92558631
0.167	0.164	3.4722209	3.49294452	2.92105884	3.28356931	3.37582452
0.063	0.07	2.81057482	2.93701206	2.7588193	2.93167496	2.95272754
0.615	0.598	5.16222139	5.43666972	4.83547085	4.97123144	5.20922047
0.187	0.152	3.90883878	4.07245205	3.49978763	3.70056515	3.54261881
0.075	0.045	3.32834358	3.78930396	3.32892459	3.48087288	3.05913196
0.079	0.07	2.07831363	2.03301201	2.31091337	2.34592607	2.38198842
0	0	0.16550395	0.22211048	0.13076941	0.24050392	0.39107451
0.004	0.004	0.0885016	0.10360808	0.06506595	0.13652155	1.00E-04
0.004	0	0.09007804	0.00892028	0.02813989	0.02935361	0.07710742
0	0.008	0.75492761	0.90453045	0.44161603	0.53243961	0.75944189
0	0	0.17646731	0.18420543	0.12518708	0.1930202	0.19205516
0.004	0.008	1.31049309	1.37835522	1.04122539	1.5557814	1.15375202
0	0	0.48257485	0.65133439	0.76758444	0.74432352	1.29971987
0	0	0.0247479	0.0227599	0.02161149	0.02720918	1.00E-04
0.016	0.004	1.02147526	0.91741867	1.01654404	1.04980371	0.78134571
0.004	0.004	0.46424565	0.24519176	0.17412634	0.24309262	0.22870329
0	0	1.00E-04	0.00890541	0.00597657	0.02060964	1.00E-04
0	0	0.0286693	0.05651471	0.04873455	0.04352906	0.0490005
0.004	0	0.18992275	0.11638315	0.09813477	0.08990047	0.16604803
0.008	0.016	0.71870038	1.07791839	0.55790755	0.84073307	0.17873635
0	0	0.05755671	0.10278874	0.059619	0.0726699	1.00E-04
0.012	0.008	0.54947688	0.66259199	0.57272334	0.5652993	1.63115834
0	0	0.49107932	0.52156466	0.45103014	0.5882332	0.4188506
0	0	0.10443387	0.27587792	0.16564964	0.21980348	0.2085199
0	0.004	0.28042636	0.26972279	0.19272688	0.32378328	0.70835209
0.004	0	0.07399554	0.10553659	0.08683242	0.07110787	0.52599513
0.004	0	0.1753291	0.38651689	0.26874022	0.34416658	0.31348938
0	0	1.00E-04	0.00989349	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00520691	1.00E-04	1.00E-04
0	0.004	2.84136396	2.4996001	1.68427916	1.62336672	1.00E-04
0.004	0	2.73487874	2.57984364	1.92611994	1.8519679	0.79886687
0	0	0.13396078	0.20456539	0.07494924	0.15506604	0.06902069
0.512	0.512	5.98231491	6.18630896	5.76793803	5.8820239	5.76794675

0.016	0.012	0.49839878	0.74730091	0.66131944	0.88590754	0.87585707
0.012	0.016	1.61131714	1.4883077	0.90719501	1.38267011	0.57364187
0	0	0.20524565	0.24029726	0.18412574	0.18599029	0.13297023
0.02	0.02	1.53891282	1.78240956	1.29555783	1.17024851	1.41929832
0.016	0.029	1.14452932	1.69857677	0.95386116	1.26192127	1.43950673
0.016	0.012	0.11274373	0.07271471	0.10988932	0.08862357	1.00E-04
0	0	0.06793511	0.0811948	0.08898599	0.03446783	0.26820572
0.008	0.016	1.31924667	1.38964846	1.69142934	1.56652495	0.78997606
0	0	0.46158981	0.30099106	0.23434251	0.45413393	0.58312213
0	0	0.08325145	0.02456044	0.05178821	0.01783102	1.00E-04
0	0	0.0710331	0.0882464	0.08515073	0.07389995	0.16300717
0	0.004	0.64815096	0.38669006	0.20367771	0.22193986	0.84373494
0	0	1.00E-04	0.04792657	0.00704298	0.01950498	0.24923231
0	0	2.24171757	3.22988358	1.78317251	2.15124378	1.90725776
0	0	0.14310153	0.25578097	0.15298224	0.21430564	0.74970013
0.004	0	0.12738195	0.35110741	0.30564912	0.28290717	0.34973167
0	0	1.00E-04	1.00E-04	1.00E-04	0.00132164	1.00E-04
0	0	1.00E-04	0.07129975	0.01889447	0.01114055	1.00E-04
0	0	1.00E-04	0.03097188	0.00185409	0.00322107	1.00E-04
0.004	0.004	0.32336895	0.42050721	0.39094693	0.38958781	0.19151862
0.139	0.074	6.53915514	6.67326801	6.31125269	6.41358285	6.16322501
0.083	0.078	3.72270538	3.98234571	4.02796696	4.14471659	3.44990107
0.004	0	0.1204865	0.22253106	0.11926257	0.1480694	0.9741594
0	0.008	2.11509366	2.35997517	2.20811411	2.04071278	1.83161178
0.282	0.307	4.85706686	5.17477663	4.86050681	4.95407154	4.80906952
0.389	0.357	5.29340432	5.53232973	5.07523669	5.18233435	5.22081408
0.115	0.115	2.8938027	3.0683709	3.15673789	3.13827558	2.97200857
0.147	0.156	2.92638897	2.91591579	3.77001524	3.80678152	3.24133446
0.067	0.086	2.25364214	2.33353339	2.94499437	2.92881999	2.53217991
0.512	0.545	4.45479844	4.55641015	5.50675932	5.40324704	4.82793787
0.31	0.369	3.71098299	3.70203486	3.97651957	4.0526739	3.74589084
0.067	0.078	2.30022533	2.14454466	2.80478456	2.81286649	2.40530206
0.099	0.078	3.25050508	3.55797176	3.75276338	3.74147232	3.15940693
0.028	0.02	1.46372307	1.78269221	2.12007347	1.98417613	1.60480323
0.286	0.283	3.54715655	3.9032439	4.10694775	4.04410626	4.04681134
0.056	0.041	2.73808985	2.74721831	3.32726314	3.39552201	2.57212809
0.563	0.57	5.89027894	5.98436846	5.39708777	5.50007552	5.82507755
0.393	0.389	4.44343448	4.4646052	4.29304666	4.42945799	4.51879488
0.266	0.193	4.02330786	4.16151382	3.93859554	4.10463238	3.9828743
0.198	0.242	3.77547461	3.73814231	4.12196356	4.1618491	3.88593691
0.286	0.287	4.05741766	4.08168666	4.85135514	4.63377033	4.38243709
0.119	0.131	3.00222424	3.05939495	3.15911195	3.27219908	3.17851956
0.198	0.156	4.65396526	4.75661053	4.34368911	4.5205355	4.51102601

0.135	0.082	3.60771889	3.56598642	4.42853175	4.25950384	3.59310177
0.147	0.135	3.71141015	3.71743238	3.63178047	3.69095502	3.84862673
0.131	0.148	2.83703339	2.94307462	3.02300695	3.11168392	3.19528907
0.111	0.094	3.0358164	3.31735194	3.39698253	3.52091921	3.08651455
0.187	0.184	3.31762922	3.32339264	3.96248554	3.88417868	3.58281568
0.254	0.262	4.11781161	4.02590675	4.59890149	4.5972663	3.94537184
0.048	0.045	2.58856561	2.61530884	3.05696438	3.09708036	2.6386222
0.103	0.09	2.42971797	2.48337143	2.38681227	2.6499701	2.40997018
0.171	0.123	3.19764683	3.20302623	3.49315171	3.52515325	3.4072474
0.349	0.414	4.19789055	4.00132432	5.16226762	5.01828269	4.50704896
0.198	0.16	3.25175314	3.33496382	3.85339838	3.86108146	3.58204871
0.008	0.004	0.46250176	0.45747509	0.57793665	0.59115499	0.45869769
0.04	0.033	1.03744221	1.16052587	1.60297148	1.56927945	1.34219405
0.151	0.156	2.97764894	3.05338686	3.2728384	3.28934501	3.26498912
0.036	0.037	3.00622534	3.18443923	3.33522536	3.30574265	3.12099734
0.024	0.029	1.60748414	1.66391178	1.91297007	2.00452654	1.50178195
0.139	0.143	3.16977438	3.2313288	3.53717106	3.64682526	3.14763482
0.032	0.041	2.04354126	2.11633007	2.41767905	2.58369563	2.14316942
0.024	0.045	2.43612557	2.76165801	2.70942737	2.72831037	2.49767182
0.028	0.025	1.84122515	1.78876247	2.06692781	2.31106614	2.25674342
0.06	0.074	1.92348772	1.97310615	2.07772443	2.18818498	2.11967958
0.052	0.066	2.29903009	2.40961933	2.36926784	2.48758867	2.20942966
0.075	0.057	2.57614619	2.56868359	2.79870871	2.87257834	2.71822632
0.004	0.004	0.4837664	0.87118373	0.3995249	0.48387431	0.33247973
0.444	0.533	2.31414345	1.84483811	2.94082174	2.65101241	3.85009735
0.091	0.053	3.53620226	3.49166929	4.06788937	3.96946028	3.62588683
0.155	0.164	5.06490287	5.11067807	5.03608738	4.95531495	5.06914295
0.079	0.111	4.19992804	4.46284202	4.01920737	3.96422993	3.71928425
0	0	0.08913545	0.13135943	0.06780966	0.06240382	0.04459191
0	0	0.60078144	0.9368954	0.60427032	0.68231966	0.35644707
0.226	0.217	4.002696	4.08279534	3.90051641	4.10948076	4.70128546
0	0.004	0.27323065	0.24729529	0.39183943	0.35992582	0.29182939
0.298	0.291	4.88915355	4.73075438	5.25426471	5.32948728	5.45768659
0.214	0.217	4.1160516	4.36238997	3.64705168	3.8220851	4.09661348
0.103	0.098	2.31253768	2.28291325	2.95712341	2.99490809	2.4006164
0.317	0.283	4.03412592	4.05243692	4.99357967	4.90778639	4.18416298
0.278	0.283	3.95029572	3.83611295	4.58417349	4.48598639	4.07445874
0.187	0.143	3.59537618	3.61767619	4.45644015	4.34225243	3.74721339
0.135	0.152	2.88307917	3.02326839	3.49643519	3.5356992	3.17824321
0.171	0.217	2.50527962	2.5052627	3.09318229	3.11977555	2.88930764
0.643	0.656	5.6241855	5.31470575	6.41473995	6.20115089	5.90492767
0	0	0.0164851	0.04066504	0.03520345	0.03293315	0.07858099
0.329	0.361	4.25347751	4.22812414	5.11708496	4.92274085	4.65614809

0.008	0.012	0.12316869	0.22584254	0.32631284	0.24371496	1.00E-04
0.298	0.27	4.37415228	4.3827294	5.30930589	5.13605779	4.68514694
0.008	0	1.90096913	1.74201129	2.50080995	2.30528118	1.7444757
0.421	0.434	4.57185216	4.53083859	5.58513529	5.41528756	4.79974156
0.056	0.029	2.22104452	2.05035694	2.8699137	2.55827602	2.36864546
0.163	0.127	3.59363034	3.47316038	4.51261443	4.35226176	3.84644225
0.353	0.348	4.17937771	4.24571771	5.13265001	4.94258849	4.55224319
0.008	0	0.15213415	0.22867735	0.51868347	0.51923425	0.29966452
0.333	0.307	4.04517162	4.17552224	5.01205934	4.79529102	4.45928758
0.071	0.037	1.07122693	1.29280616	1.33943123	1.70316768	1.90878816
0	0	0.10043757	0.16951125	0.26715413	0.41806657	0.0320294
0.004	0	0.29101976	0.3329606	0.60116394	0.63954309	0.21360791
0.02	0.033	0.13413457	1.1478008	0.55827133	0.82834851	0.18885242
0	0	0.01834745	0.1193007	0.0657542	0.09984819	0.10635964
0	0	0.02888339	0.04887049	0.05040805	0.06818962	1.00E-04
0.004	0.012	0.09080476	0.26949034	0.14274621	0.18263645	0.05174911
0	0	0.3250613	0.44832786	0.1882258	0.28639493	0.55519374
0	0	1.00E-04	1.00E-04	0.00389399	0.00464475	1.00E-04
0.008	0	0.84778377	1.26177488	1.47249913	1.25803135	0.98682665
0.353	0.295	3.24704106	3.30229974	3.16160329	3.23473545	3.25970689
0.032	0.016	0.04227156	0.1488646	0.07836415	0.23524569	1.00E-04
0.004	0.004	0.08595927	0.15993962	0.06065725	0.09601575	1.13639852
0.262	0.213	4.34804851	4.33736189	3.91672598	4.03210923	4.38529131
0.282	0.205	4.78824012	5.2151788	4.49942688	4.75742014	4.78780568
0.214	0.164	5.16921358	5.32551721	5.15600734	5.22261483	4.6864729
0.024	0.008	3.47675818	3.81320899	3.18878269	3.19763169	3.80522629
0.004	0	0.02196137	0.01883207	0.03903535	0.07397665	1.00E-04
0.385	0.406	4.68159174	4.83922181	4.35958149	4.57882586	4.56837292
0.036	0.012	1.57821479	1.75530276	2.04519748	1.98848519	1.37656396
0	0	0.01694376	0.41117896	0.12953275	0.07396012	0.07362002
0	0	0.01249129	0.06694309	0.05238414	0.06364156	0.18862677
0	0	1.00E-04	0.01636182	0.01126221	1.00E-04	0.08287728
0	0	1.00E-04	0.04065259	0.03643746	0.08860406	1.00E-04
0.071	0.07	5.67188143	5.63668899	5.22674769	5.35436649	5.79301556
0	0.004	0.01735596	0.13789299	0.05438226	0.07423436	1.00E-04
0	0	1.00E-04	1.00E-04	0.00862535	0.0117301	1.00E-04
0.286	0.287	3.20042961	3.3503071	3.45875432	3.50368128	3.47229406
0.02	0.004	3.27524985	3.12898646	3.20049264	3.27347832	3.6136164
0.206	0.172	3.71188868	3.67897725	4.21247686	4.1648523	3.73485571
0.032	0.016	0.4116502	0.62446632	0.33253345	0.42784631	0.69355416
0.008	0.02	0.31133535	0.35766565	0.48748981	0.43710777	0.40294038
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.04947517	0.10378042	0.04259978	0.06497477	0.05305575

0.008	0.012	2.59481712	3.37586949	2.14083155	2.53059315	1.70129131
0.016	0.012	1.90265048	2.23683741	2.02232148	1.9561908	2.25896013
0	0	1.00E-04	0.00442944	0.03395938	0.01172264	1.00E-04
0.016	0.025	1.73782575	1.75974314	1.98949255	2.04596441	2.08000142
0.06	0.029	3.97494752	3.92264325	3.82510913	4.01180078	4.44415649
0.341	0.299	6.09353766	6.3338189	5.81580774	5.81118361	5.97170434
0	0	0.30374629	0.01845841	0.01732664	0.0346589	1.00E-04
0.075	0.049	2.3740823	2.49152392	2.32089488	2.41373744	2.60824385
0.099	0.074	3.02567396	3.02937492	2.94856158	3.18005883	3.03994638
0.242	0.217	3.62478423	3.84496308	3.77376002	3.83689716	3.74434776
0.044	0.049	2.00072515	2.14794835	2.35018924	2.39101514	2.37405621
0.016	0.004	1.3617619	1.37562126	1.04587956	1.03442099	1.03625354
0.262	0.217	3.5570391	3.38012302	3.2881318	3.49234583	3.66034765
0.175	0.168	3.28237907	3.38093808	3.23224438	3.39650507	3.21799485
0.29	0.189	3.98185581	3.74049345	3.66481898	3.76297781	4.34528099
0.012	0.012	0.42195154	0.78605969	0.496052	0.59493838	0.44269935
0	0	0.29333175	0.34159656	0.21161146	0.27787073	0.19490713
0	0	1.05557238	0.83696868	1.1186909	1.20844357	1.21908615
0	0.016	0.61793344	0.55004802	0.8518699	0.76409777	0.70691716
0.048	0.016	2.79383911	2.94495226	3.42053491	3.24923607	6.18149409
0	0	1.00E-04	1.00E-04	1.00E-04	0.00139983	1.00E-04
0	0	0.01133434	0.1085206	0.04017103	0.04703205	0.08267434
0	0	0.33186071	0.14541181	0.10864265	0.21218441	1.00E-04
0.091	0.107	4.0756215	4.12712093	4.36870818	4.33530616	3.50715379
0.012	0.004	0.06541888	0.16816558	0.09273157	0.09729616	0.17779714
0	0	1.00E-04	1.00E-04	0.00968305	0.01856412	1.00E-04
0	0	0.23101098	0.2494987	0.52448773	0.28516069	0.07290803
0.254	0.234	2.45050662	2.90490756	1.99781877	2.21614833	2.65744825
0.02	0.02	1.80505882	1.87410936	2.02263907	2.12949765	1.66690082
0.313	0.295	4.41121518	4.46767459	4.11631993	4.27282825	4.07880396
0.095	0.102	2.7314923	2.8679174	2.47670035	2.61672455	3.22662426
0.008	0.02	1.99363394	2.17383062	2.34453476	2.33009723	1.89723016
0.004	0.012	0.96230169	1.39905587	0.6847387	1.14062088	1.07860561
0	0	0.22637227	0.23338533	0.2059135	0.29833743	0.92178893
0.004	0.004	0.47864272	0.2866351	0.26012556	0.40954184	0.33825102
0.143	0.139	3.00105391	2.92418846	3.14790747	3.18999569	2.9081498
0.143	0.066	3.43497419	3.15872227	3.27758077	3.40875853	3.36427947
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.476	0.447	4.5841421	4.63329695	4.48046199	4.57785844	4.82525017
0.036	0.066	2.15398864	2.11849827	2.52937617	2.44211571	2.55695519
0.004	0.004	0.1817812	0.22845824	0.18789371	0.33642768	1.00E-04
0.123	0.123	3.62268483	3.45305938	3.52990038	3.70092116	3.71702022
0	0	0.09474973	0.06316778	0.03509855	0.09990511	1.00E-04

0.012	0.033	1.02301843	0.77717082	0.93290161	1.22171871	0.96972865
0.032	0.025	3.91516292	4.32841524	3.8135774	3.65850035	5.0509382
0.627	0.578	5.12050702	5.28857652	4.79141544	4.9030251	5.36332981
0.032	0.049	1.98008158	1.74402555	2.06413496	2.11659366	2.23090138
0.417	0.426	4.12063002	4.34506884	3.99947049	4.2395378	3.86506226
0.06	0.074	1.71922229	1.53166152	1.51660897	1.82298631	1.97213756
0.099	0.074	4.26664811	4.50003379	4.63534077	4.64050465	4.3556231
0	0.004	0.13936289	0.08214518	0.07155421	0.11109318	0.42218716
0.103	0.082	2.58663708	2.69070097	3.17813534	3.06905781	2.65095514
0.052	0.02	1.94397691	1.92730771	2.62674608	2.47737158	2.45082371
0.25	0.205	3.64305835	3.95001512	3.74965656	3.8509864	3.87285065
0	0	1.00E-04	1.00E-04	0.00478058	0.00203761	1.00E-04
0	0	0.0281343	0.02149268	0.00695766	0.00221086	1.00E-04
0	0	1.00E-04	0.06249235	0.03491944	0.04664878	0.03841779
0	0	0.11644753	0.09838554	0.02487157	0.02955609	1.00E-04
0.21	0.234	3.13561872	3.22564329	3.30794972	3.61145468	2.50069405
0.758	0.779	6.33850544	6.38961917	7.06184049	6.91616765	6.7566636
0.024	0.037	1.09599393	1.4400204	1.24031021	1.2719478	1.58699691
0	0	0.1028285	0.0504584	0.05593165	0.10217819	0.23036735
0.075	0.094	2.82534716	2.9221171	3.30958088	3.3177243	2.98542926
0	0	1.00E-04	1.00E-04	1.00E-04	0.01882725	1.00E-04
0	0	1.00E-04	0.0200807	0.01009678	0.02158292	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01432088	0.00230145	0.02181092	1.00E-04
0	0	0.16063559	0.16874227	0.11769369	0.13403638	1.8124242
0.21	0.23	4.03944101	4.18536401	3.92157418	4.06992958	4.22044999
0.056	0.086	2.34229955	2.43085282	1.99792055	2.26967067	2.5707119
0.004	0.008	0.23682509	0.06872555	0.07238017	0.11924826	0.06082346
0.008	0.012	0.96627402	0.85612214	0.51494873	0.67121597	3.43571158
0.226	0.311	3.58939899	3.81560259	3.70279738	3.81710595	3.87566937
0.083	0.102	3.33919005	3.47694852	3.37827421	3.55654641	3.31946976
0	0	0.13857355	0.02923329	0.05016856	0.05446298	1.00E-04
0.008	0	0.48004836	0.45890712	0.28391885	0.4130746	1.00E-04
0.171	0.201	3.03751047	3.06238159	3.25982038	3.36185299	3.33132858
0.048	0.045	1.45015135	1.78371183	1.48564143	1.6587965	1.72146253
0	0	0.03397588	0.24273557	0.06411369	0.08513274	1.00E-04
0.024	0.025	1.66850484	1.84244841	1.78605892	1.94099826	1.90257971
0.19	0.123	4.00804955	4.16114745	3.52130211	3.72245921	3.63182598
0	0	0.1757241	0.18546589	0.20680866	0.22165227	0.07015204
0.071	0.078	0.14446764	0.42313521	0.37452202	0.31352761	0.34315283
0.016	0.045	1.777566	1.52394949	1.60664863	1.77547513	1.81981717
0.19	0.176	3.05567372	3.2801507	2.72834113	2.88025266	3.3883153
0.052	0.074	1.89447582	2.13513128	2.2419357	2.32840398	1.93057967

0.06	0.041	2.50433427	2.70176173	2.78957224	2.83210655	2.7006795
0.238	0.213	4.40685374	4.53352216	4.11958546	4.27658032	3.85672671
0.091	0.066	4.08348752	4.01012302	3.5935902	4.06474462	3.90491237
0	0	1.00E-04	1.00E-04	1.00E-04	0.0098772	1.00E-04
0.008	0	0.50984392	0.64097572	0.72183029	0.81690186	0.43894093
0.016	0.008	1.02403253	1.00129884	1.6644487	1.32438334	0.98672987
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.033	0.42833115	0.33337296	0.52452196	0.47333107	0.65658122
0	0	0.01347809	0.02894587	0.04053551	0.06075091	1.00E-04
0	0	0.01119678	0.01054185	1.00E-04	0.00455602	1.00E-04
0.012	0.016	1.00E-04	0.0334089	0.03436427	0.01377998	1.00E-04
0.389	0.291	3.39812056	3.63998566	3.18353596	3.30444878	4.22269432
0.04	0.057	0.29738301	0.28271185	0.38987288	0.30898407	0.39524359
0.056	0.061	5.24027308	5.09627429	4.42863951	4.75324303	4.48123015
0	0	1.00E-04	0.00365677	1.00E-04	1.00E-04	1.00E-04
0	0	0.05494759	0.07264592	0.04686711	0.05996998	1.00E-04
0	0	0.04647245	0.01511086	0.00857798	0.01177899	1.00E-04
0.012	0.008	0.64035897	0.61012801	0.50555214	0.58811232	0.81800799
0.151	0.123	3.53782914	3.59120438	3.63076828	3.87530332	3.36219488
0	0	0.01250716	0.03381648	0.02110854	0.01974159	1.00E-04
0.024	0.029	1.07821587	1.23356279	1.43679212	1.44577747	1.02876496
0.131	0.164	3.6981717	3.91915849	3.6361146	3.86691714	3.6930801
0.202	0.189	4.03163051	3.86269791	4.13253647	4.22120897	4.11578411
0.04	0.037	3.4542176	3.56996824	3.31770516	3.59408965	3.31789834
0	0.012	0.5799664	0.86491424	0.4951104	0.66346074	1.03462992
0.5	0.455	5.26847726	5.21992191	5.33314701	5.31654311	5.25107399
0.198	0.127	3.37765338	3.43750316	3.34231266	3.46503122	3.65603112
0.048	0.02	1.5436922	1.75905608	1.59994522	1.47872186	1.70889341
0.063	0.057	4.12199554	4.03670296	4.4244208	4.47920626	4.99011541
0.008	0.004	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.032	0.033	3.91028955	3.888511	3.83630985	4.06340955	4.34919391
0	0	1.00E-04	0.03004875	0.00265038	0.03014469	1.00E-04
0.02	0.025	2.69887955	3.36944551	3.399589	3.56363038	3.7318265
0.008	0.004	0.45885128	0.70374733	1.00517005	1.05210883	2.56542335
0.401	0.352	5.20171534	5.21923067	4.97169441	5.01884337	5.19490794
0.202	0.254	2.30708922	2.51264639	2.65536489	2.65204556	2.75132558
0.052	0.094	1.85535214	1.48260131	2.54463727	2.45899354	2.26253232
0	0.008	0.97698047	0.95114142	0.68433408	0.88930417	1.46787113
0	0.004	0.16804677	0.30517982	0.20987106	0.17821864	0.10984829
0.008	0.008	0.52359369	0.40193644	0.28738117	0.32286003	0.52597668
0	0	0.8130105	0.51646804	0.2608128	0.00546757	1.00E-04
0.516	0.5	5.37641854	5.59290509	5.27309267	5.40262977	5.60427031
0	0	1.00E-04	1.00E-04	1.00E-04	0.00416694	1.00E-04

0.214	0.201	3.79875413	3.75771705	3.63858794	3.80033489	4.08828601
0.044	0.041	2.83800858	2.86183938	2.97780353	3.0175702	2.80438277
0.524	0.504	4.96949672	5.28736657	4.73087926	4.87091654	5.08862726
0.238	0.234	3.32151752	3.20687915	3.16611695	3.2540507	3.65083846
0.294	0.262	4.71942075	4.96334175	4.37716979	4.43198452	4.70612131
0.325	0.344	4.4286412	4.58926771	4.52513415	4.57846264	4.40103142
0.21	0.213	3.7752082	3.66631664	3.95325207	4.00467521	3.78167779
0.198	0.176	3.56820604	3.43802787	4.17578838	3.9800889	3.80791153
0	0	0.08304052	0.2237656	0.16426651	0.12182756	0.21678656
0.016	0.016	0.31391336	0.53823096	0.32738709	0.28176503	0.81168256
0.353	0.348	3.97082041	4.12442938	3.66212138	3.95807115	4.10819202
0.107	0.07	2.85168901	3.20445784	3.06875824	3.00788794	3.54573685
0.048	0.053	2.75002332	2.84491674	2.65239315	2.70586113	2.76211025
0	0.004	0.02373084	0.16679528	0.11243019	0.14683401	0.37730856
0.02	0.025	2.7123018	2.72502662	3.12487262	3.12638384	2.95828672
0.024	0.016	0.40704347	0.7976146	0.65317417	0.69915763	1.83416999
0	0.004	0.02147433	0.00632747	0.04800503	0.06085873	1.00E-04
0	0	0.00651468	0.00711109	0.0044709	0.02263311	0.10717985
0.091	0.025	4.37413361	4.504788	5.42376051	5.10174368	5.54437509
0.151	0.074	1.07651989	2.17830329	2.34054216	1.98159909	0.05015589
0.302	0.295	0.21593783	0.38424698	0.58398162	0.47073434	1.71205115
0.063	0.016	3.32167262	3.28907612	4.44929933	4.12291508	3.74606985
0.508	0.43	5.76755795	5.83659418	6.862265	6.8491683	5.74309809
0.044	0.049	1.67763401	1.61878153	1.97015248	1.93637155	1.70632575
0.036	0.02	1.41401627	1.19267218	1.37642382	1.44059745	1.21347236
0.024	0.008	1.43968648	1.07374956	1.18771692	1.22450448	1.5730189
0.242	0.246	3.99635432	4.18455155	3.67605446	3.86854565	4.01594059
0	0	1.00E-04	1.00E-04	0.01692651	0.0197654	1.00E-04
0.175	0.156	3.56257899	3.51828	3.57817819	3.54936076	3.66344574
0.135	0.135	5.32693847	5.30132989	5.03047559	5.11353204	5.52948042
0.083	0.07	3.76489566	3.68914771	4.11015429	4.03680464	3.81672829
0.083	0.086	1.70186084	1.63247926	1.61648473	1.88090542	1.81405034
0.409	0.393	4.43379909	4.48118976	4.25505773	4.40570974	4.48094761
0	0	1.00E-04	0.00318775	1.00E-04	0.0029439	1.00E-04
0.171	0.176	3.4338299	3.56525834	4.05680164	4.05498077	3.42581966
0.151	0.127	3.25664258	3.18418438	2.71697138	2.91385874	3.55621092
0.115	0.176	3.90223942	3.87962991	3.90799898	3.94957256	4.04309786
0.071	0.107	2.60899375	2.53253095	2.95493028	3.04830898	2.91755236
0.016	0.016	2.93933151	2.97278496	2.85645102	2.95386053	3.01975456
0.313	0.262	3.97762323	4.18611758	3.62771715	3.84790449	4.22821796
0	0	0.31291618	0.42146433	0.49465893	0.50222438	0.37674279
0	0	0.64780656	0.5930046	0.31068732	0.46436001	0.63112245
0.008	0.016	0.48584399	0.8214303	0.68334152	0.7525713	0.48506777

0.004	0.004	0.04586052	0.04370124	0.03419746	0.03448284	1.00E-04
0.167	0.164	5.70124032	5.78225738	5.43289115	5.54937187	5.71065159
0.004	0.004	0.60653844	0.52039575	0.41827191	0.5005085	0.88601723
0.147	0.152	4.24717121	4.31959473	3.30243903	3.51584762	3.83604505
0.016	0.016	2.16345796	3.01818414	1.80108158	1.81670481	1.84560852
0.548	0.557	5.54436349	5.49484704	5.23840015	5.24658099	5.00732909
0.087	0.123	2.91050536	3.05221118	3.31616885	3.27734478	3.23157889
0.341	0.213	4.96247698	5.3721174	4.68296867	4.72063401	4.83308103
0.056	0.041	4.59841938	4.77471221	4.47421204	4.57944082	4.67226114
0	0.004	1.42815299	1.60422996	1.13592718	1.36297679	0.49388212
0.071	0.061	3.2436644	3.24468698	3.22343703	3.38569848	3.46033214
0.127	0.119	2.77678489	2.84048655	2.64129292	2.87670674	3.28353764
0.06	0.037	1.89044639	2.24873813	2.4322968	2.42269713	2.63393422
0.139	0.148	3.74605818	3.6017562	4.00102819	3.93048382	3.57191554
0	0	0.06810159	0.03605367	0.01321331	0.00220034	0.04395639
0.004	0.008	1.24432879	1.1586539	1.08368219	1.08216079	1.50102372
0.004	0.012	0.61126526	0.92518785	0.66617661	0.78008312	0.97317749
0.242	0.193	5.0078629	5.17583924	5.84280964	5.63226425	5.21215667
0.472	0.316	5.89102794	6.15168169	6.53658363	6.56517942	6.21940505
0.282	0.336	5.57406095	5.6431644	6.07042016	5.96257422	5.71157648
0.048	0.02	3.91887238	4.16909965	4.43762049	4.28474632	3.52725613
0.004	0.004	0.07797043	0.05709208	0.05188818	0.0712167	1.00E-04
0	0	0.08451537	0.05414929	0.07426226	0.11715514	0.44719951
0.036	0.029	2.4406128	2.71228852	2.90115336	2.77646861	1.92656212
0.036	0.008	2.42061224	2.63614356	3.91272178	3.31398485	2.38478999
0.135	0.074	4.47262845	4.59223605	5.02739947	4.77412782	5.05267376
0.083	0.053	2.14939228	2.10997041	2.3809698	2.28237864	2.51214167
0.079	0.061	3.46051703	3.93462127	4.51675573	4.11325038	3.49525944
0.036	0.049	2.96623818	3.02778526	3.04015533	3.21560068	2.7888401
0.381	0.258	6.00902157	5.64524696	6.15070696	6.09887513	6.2247915
0	0	0.08040962	0.20586278	0.22502666	0.27948309	0.04442882
0.119	0.18	0.05062534	0.03065492	0.14465879	0.1064118	1.00E-04
0.238	0.201	5.20713521	5.07003498	5.85300277	5.75137909	5.20815014
0.004	0	1.37272476	1.87237398	0.98290181	1.20868062	1.16050297
0	0.008	0.14430707	0.29712419	0.13692146	0.41533028	1.95850079
0.016	0.02	4.13107755	4.03256929	3.84449067	3.91887161	4.07166586
0.052	0.045	1.8992575	2.08080473	2.52356518	2.48757429	2.05665806
0.04	0.066	1.56591937	1.73935541	1.91147395	1.93416233	1.7299847
0	0	1.00E-04	0.13756116	0.23107872	0.21633131	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0161543	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00575928	1.00E-04
0	0.008	0.36457177	0.56231715	0.49269631	0.6685628	0.82587296
0.028	0.033	1.92753011	2.60801254	2.78116625	1.51696457	2.34514756

0.016	0.016	3.86934708	4.22396086	3.8677129	3.95076275	3.98059846
0.012	0.02	0.78937703	1.05484944	0.79391871	1.02582213	1.19568189
0.02	0.02	1.27099354	1.48116857	1.93855246	1.90597632	1.44534863
0.365	0.332	4.92712051	5.16560105	4.55862345	4.61107286	5.40731666
0.262	0.197	3.99946318	4.14963627	3.73892127	3.87066187	4.17385145
0.631	0.5	4.77394853	4.92833835	4.48054605	4.64982937	4.95115432
0.302	0.303	4.19314666	4.2078489	3.93613458	4.1211979	4.2537638
0.095	0.061	2.58158209	2.51640788	2.52152013	2.6093438	2.54230869
0.353	0.393	4.70048293	5.02412006	4.59186873	4.76878434	4.72575332
0.067	0.037	1.94479638	1.98084011	1.93078892	2.0415965	2.08484212
0.067	0.041	2.85150374	3.08840474	2.76138806	2.92985403	2.82784406
0.282	0.238	3.43351243	3.51255855	4.32613012	4.13527231	3.40030774
0.071	0.061	1.97865826	2.05586716	2.42653522	2.55963673	2.05908643
0.5	0.545	4.86310961	5.18730047	4.78590114	4.85757352	5.71871882
0	0	0.73330244	0.58926821	0.57794148	0.57279107	2.30103575
0	0	0.03460176	0.07752973	0.0173995	0.01091776	1.00E-04
0.274	0.32	4.07707743	4.03516656	4.63910518	4.54403228	4.39435898
0.183	0.127	3.38649188	3.52411668	3.28702586	3.41787853	3.54137528
0.175	0.184	3.22778602	3.41202163	3.3464819	3.40857881	3.551802
0.377	0.344	4.15510119	4.36289548	4.03801076	4.18329919	4.15648971
0.206	0.201	3.41708039	3.85068167	3.35153697	3.69767196	3.68547861
0.373	0.332	3.93757145	4.05485569	3.72853405	3.80601636	4.09427469
0	0	1.00E-04	0.00760473	0.01338912	0.00841429	1.00E-04
0	0	1.00E-04	0.00408081	0.00917695	0.00977558	0.45619045
0	0.008	1.00E-04	0.02279575	0.0105822	0.01076142	1.00E-04
0.008	0.008	3.4975771	3.55276497	3.04603445	3.4221813	2.40629079
0.004	0	0.78219163	0.91523065	1.68407578	0.42428982	0.6340056
0	0	0.26511876	2.01864916	0.59252028	0.31292414	2.25894326
0.004	0.004	0.03730793	0.67009534	0.55283127	0.45724246	3.00835627
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.06022753	0.20692285	0.14250628	0.03305863	1.00E-04
0.107	0.07	4.99497648	4.8885975	5.61432046	5.50242655	5.33828894
0.032	0.004	1.02370545	1.22143989	1.29804924	1.71200254	0.97130586
0.012	0	0.68448219	1.2499507	2.02929578	0.36921205	1.30243264
0	0.004	1.00E-04	0.15737593	0.13129714	0.65309269	1.00E-04
0.095	0.008	3.74031107	4.80185075	5.24417531	3.39259292	4.16158971
0.016	0	0.45741792	0.74673697	0.75010095	0.79226597	2.39348259
0	0	0.11319323	0.10013606	0.23122051	0.26468716	0.50917367
0	0	0.3262249	0.42319693	0.62882488	0.53763317	0.501941
0.012	0	1.00E-04	1.00E-04	0.00445703	0.01128906	1.00E-04
0.044	0.053	1.94561849	1.54058688	1.94218855	1.91847471	2.25830921
0.02	0.061	0.41557627	0.32153608	0.53327244	0.27387734	1.19637063

0.036	0.012	0.09231474	0.1118155	0.17628557	0.18188795	1.00E-04
0.024	0.004	2.43241236	3.22917751	2.88933519	2.88376791	3.21004883
0.147	0.135	3.61375993	3.51182268	3.27048904	3.71498868	3.62318611
0.004	0.016	0.40820839	0.45587778	0.44728289	0.56460176	0.74505138
0.02	0.025	1.60269927	1.5210653	1.57770467	1.63832842	1.67953742
0.024	0.02	2.90180406	3.27801529	3.02275592	3.15596488	2.74788088
0.004	0	1.17236001	1.10761856	1.27600232	1.43918837	1.8367914
0.008	0.012	0.49792823	0.52995604	0.55251719	0.50958821	0.49559343
0	0	1.00E-04	1.00E-04	0.00130674	1.00E-04	1.00E-04
0.06	0.098	2.40790317	2.37600033	2.55084648	2.55342517	2.62023615
0	0	1.00E-04	0.01821884	0.00962392	0.00323374	1.00E-04
0.151	0.156	2.29990374	2.4847446	2.53941656	2.44622382	2.87420092
0.008	0.02	0.94115957	1.2483519	1.31176276	1.20331034	0.62072483
0.067	0.098	1.97717897	1.96960641	2.51920417	2.68001666	2.42797365
0.206	0.213	3.69495229	3.76533432	4.55461637	4.36684882	3.57607049
0.143	0.143	3.28533748	3.39515223	3.30633952	3.43130802	2.96410502
0.032	0.041	1.71157591	1.7994417	1.8551653	2.18390714	2.00257483
0.012	0.016	1.88959677	1.71177195	2.22230372	2.27782579	1.83342057
0.075	0.049	3.54266702	3.68616699	3.96686721	3.9945084	3.34795545
0.302	0.197	4.20956516	4.34607133	3.99956914	4.09170012	4.45793953
0.008	0.012	1.59804826	1.50582114	1.48229208	1.75086905	1.56856572
0.206	0.152	6.32601987	6.46262183	6.46991029	6.45281846	6.11294535
0.012	0.02	0.85839514	1.30714355	1.44683858	1.66103789	2.68990789
0.23	0.238	3.59341717	3.63513495	4.47121604	4.32749677	4.04485497
0.107	0.098	2.72847784	2.89903004	3.4650984	3.30561671	3.10204434
0.048	0.053	4.70950951	4.77206396	4.61900801	4.66889738	4.79877675
0.595	0.586	1.11280611	1.1574433	1.1597752	1.17063824	2.20222825
0	0	0.07843147	0.13959165	0.09651546	0.13526036	0.05744226
0.052	0.053	1.84997671	1.98273028	2.24654657	2.27353505	2.11209545
0.032	0.012	0.54384686	0.67761051	0.74450213	0.74867773	0.7585597
0	0	0.0109617	1.00E-04	0.00647559	0.01983532	1.00E-04
0.369	0.377	3.9910552	4.19822722	3.94891518	3.83748656	4.1724702
0.067	0.066	1.6113238	1.32814971	1.39511829	1.46242601	1.51744448
0.004	0	0.28296917	0.4164033	0.28937831	0.44557821	0.68471598
0	0	0.09856017	0.12811955	0.08118462	0.09530114	0.51065069
0	0	1.00E-04	1.00E-04	0.00295811	0.03793604	1.00E-04
0	0	0.07459787	0.06609259	0.01454705	0.05046964	1.02674296
0	0	1.00E-04	0.0044093	1.00E-04	0.01252683	1.00E-04
0	0	0.01670424	0.00654713	0.00681183	0.00801049	0.06573233
0	0.004	0.11350353	0.21747642	0.07191276	0.20041707	0.17449891
0.218	0.164	6.35437487	6.40995015	6.60836806	6.66021844	6.17827961
0	0.008	1.01380784	0.89563561	0.87754068	0.96057371	0.86937659
0	0	1.00E-04	0.00357717	0.01222836	0.01185691	1.00E-04

0	0.004	0.02109152	0.11059181	0.0653312	0.11057015	1.00E-04
0	0	1.00E-04	0.00443652	0.00502677	0.01294247	1.00E-04
0.004	0	1.00E-04	0.00402881	0.00204935	0.0058049	0.13026502
0	0	0.05721342	0.07866276	0.054823	0.06329614	1.00E-04
0	0	0.51229713	0.21258516	0.05913944	0.07377388	0.87983403
0.012	0.02	1.42341905	1.80500835	1.01902623	0.79675899	0.72382437
0	0	1.00E-04	1.00E-04	0.00408783	1.00E-04	1.00E-04
0	0.008	0.15195841	0.17456937	0.18628754	0.30553906	0.35061161
0.012	0.008	0.55679044	1.01883877	0.36507653	0.44728093	1.00E-04
0.008	0	0.58769239	0.49930747	0.37555228	0.58198292	0.94261307
0	0	1.00E-04	0.00691999	1.00E-04	1.00E-04	1.00E-04
0.024	0.016	0.83245637	1.15531782	0.87714727	0.78471555	0.7246224
0.024	0.029	1.32029328	1.35464504	1.37046463	1.47283266	1.16468362
0.012	0.008	2.86460946	2.78921743	2.56744756	2.77472238	2.9413985
0	0	0.06971235	0.12493675	0.12163738	0.14448565	1.00E-04
0.028	0.033	1.51112055	0.95760124	1.23003633	1.17272743	1.83131387
0.012	0.025	0.2100563	0.1164223	0.11859966	0.20967967	0.23607768
0	0	1.00E-04	0.00505979	0.01276757	0.01090714	1.00E-04
0	0	0.26622169	0.12154189	0.12507246	0.11691503	0.4126344
0	0	1.00E-04	1.00E-04	0.00836546	0.00401402	1.00E-04
0.048	0.025	2.67556065	2.50658166	2.39517311	2.52382188	2.34291315
0.004	0	0.48628248	0.39432168	0.33509571	0.33955431	0.41994375
0.012	0.012	1.08521683	1.06281046	1.48302866	1.559803	1.21905371
0.298	0.34	3.89125345	4.29527261	3.96224445	4.07808432	4.10139275
0.083	0.074	4.81094913	4.31384561	4.05933423	4.18471755	4.47099237
0	0	1.00E-04	0.02534973	0.01836826	0.02658832	1.00E-04
0.194	0.148	4.56696067	4.53660583	5.03409316	4.97770561	4.71090239
0.603	0.598	5.57951871	5.91835784	5.28745271	5.36223083	5.86963468
0.071	0.057	2.39700769	2.60551553	2.87068197	2.85012028	2.67166438
0.06	0.029	3.754281	3.79775488	3.3752873	3.48224223	4.43290847
0.163	0.156	3.6298693	3.56739868	3.49587993	3.70048338	3.88423307
0.615	0.541	3.15503637	3.52635524	3.031169	3.08335747	4.14824424
0.004	0.004	1.50301828	1.25566198	1.15069867	1.43604714	1.45845725
0.147	0.131	2.91957554	2.89163849	3.40225273	3.34500381	2.98729921
0.187	0.148	3.25116106	3.20304069	3.67079537	3.63503121	3.38933476
0.167	0.18	4.94529139	5.25357488	4.66407527	4.6953307	4.96396012
0	0	0.59526426	0.85702432	0.32629948	0.37687938	0.24393553
0.016	0.016	2.87110452	3.43386017	2.2012932	2.46571774	2.18607049
0.095	0.049	5.1476227	5.32853945	5.1655731	5.22874199	5.01590527
0.016	0.004	0.12929516	0.28517847	0.16050928	0.18183943	0.18761596
0.056	0.102	0.47076758	0.35429508	0.22924473	0.31164508	0.40565235
0	0	0.32335862	0.28722698	0.31331283	0.30967464	0.29110292
0.004	0.004	0.04461347	0.01710394	0.03375786	0.03091875	0.28100476

0	0	1.00E-04	1.00E-04	1.00E-04	0.00116145	1.00E-04
0.008	0	0.17285587	0.16535972	0.11518091	0.12743595	0.10246136
0.262	0.25	3.69338248	3.67492936	4.6074252	4.44346621	3.85410566
0.143	0.184	3.82654819	4.09886277	3.692846	3.80425008	3.45122813
0.016	0.008	2.82867497	2.72343136	2.77489057	2.79125031	2.59730368
0.071	0.078	3.0617581	3.26081314	3.04003279	3.22640571	3.40607945
0.079	0.082	2.8746839	2.60527692	3.13407233	3.07392398	3.24614058
0	0	1.00E-04	0.01156806	0.01426031	0.01019187	1.00E-04
0.004	0	0.5113859	0.13777623	0.11353541	0.06405623	0.6832796
0.139	0.184	3.937826	3.82747504	3.89552294	3.99427226	4.20962945
0.258	0.217	3.84629939	4.06778855	3.94447956	4.0640102	3.95425179
0.071	0.078	6.18689886	6.26833186	5.78902803	6.00162098	6.21518001
0.258	0.127	0.43923504	0.68929068	0.61286261	0.37440095	0.80397018
0.083	0.07	2.5157022	2.72938073	2.62877037	2.6634073	2.73075131
0	0	1.00E-04	0.01215916	0.00395703	0.02024319	1.00E-04
0.063	0.094	3.26197293	3.30343614	3.07600207	3.11519081	3.70049006
0.349	0.283	4.67893751	4.78378609	4.79691146	4.87591607	4.80260027
0.04	0.037	1.38608262	1.52995372	1.58742073	1.88674511	1.49786679
0	0	0.22669347	0.24503214	0.12400004	0.13664716	0.18600989
0.075	0.074	3.09890726	3.11863425	3.28916019	3.27710787	2.75896268
0	0	1.00E-04	1.00E-04	1.00E-04	0.0011874	1.00E-04
0.234	0.258	3.66093595	3.61272117	3.71109938	3.75372684	3.79291996
0.373	0.402	3.96812495	4.19471548	4.41992129	4.53759872	4.20963907
0	0	1.00E-04	1.00E-04	0.0055167	1.00E-04	1.00E-04
0.147	0.107	3.25302746	3.30750091	3.29508224	3.33857208	3.54137
0.032	0.037	1.53519664	1.75889491	1.42417984	1.83825335	1.43294335
0.389	0.34	5.03313554	4.91753864	6.04289919	5.95557358	5.04535915
0.063	0.074	0.59680478	0.48626332	0.41179456	0.61254458	1.33309016
0.008	0.016	0.63125923	0.81361937	0.71625922	0.78105119	0.64481992
0.075	0.037	3.88240795	3.77059344	4.67918524	4.71314104	3.69769291
0.198	0.18	4.06147425	4.05290989	4.49249268	4.52455369	4.37010467
0.079	0.094	2.37275093	2.26870348	3.019226	3.15915192	2.45976163
0.063	0.07	2.06900146	2.47109534	2.13507012	2.43658012	2.18115317
0.048	0.053	2.56352292	2.64626165	2.48568188	2.7476074	2.36960542
0	0	0.03438465	0.03487313	0.01019941	0.01541706	1.00E-04
0.337	0.291	4.27025398	4.41314059	4.08199227	4.25667493	4.30955638
0.385	0.332	4.44856876	4.85841702	4.29112363	4.54435028	4.44296194
0.071	0.066	2.6550184	2.80059396	2.789226	2.91742393	2.57402535
0.06	0.078	2.46879222	2.72250191	2.66441516	2.86183314	2.61076607
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06	0.078	2.65820163	2.6432936	2.94493547	3.01951752	2.7647533
0.087	0.09	2.05616254	2.40024342	2.45532829	2.43374738	2.41155245
0.091	0.045	2.3334837	2.07618829	2.14943072	2.34959418	2.20000478

0.087	0.041	2.59514316	2.64098029	2.19597011	2.46504049	2.61951363
0.052	0.074	2.29554385	2.21251584	2.13099496	2.49058735	2.43951207
0.016	0.016	1.47598198	1.89325278	1.24477102	1.44489509	1.4477004
0.544	0.434	4.72177756	4.96607457	4.5443534	4.72000984	4.48340782
0.413	0.377	5.71537444	5.79335163	5.30776945	5.55227201	4.98715785
0.278	0.32	3.85681887	3.89128728	3.89566253	4.14800098	3.91454898
0.194	0.217	3.58383579	3.80150682	3.5896891	3.75433736	3.64453366
0	0	1.00E-04	0.06914331	0.04198283	0.05717484	0.03531608
0.032	0.061	2.87711247	2.79194524	2.73973399	2.87834706	2.87619267
0	0	1.00E-04	0.03073178	0.07515979	0.05085047	0.6218131
0.016	0.029	2.78170775	3.32070564	2.83566674	2.81642958	2.54211574
0.012	0.012	1.75912544	2.1179718	2.19664274	2.26976622	1.89412074
0.004	0.008	0.43493671	0.41631052	0.25245136	0.35024571	0.46658256
0	0.012	0.71244875	1.12567969	0.304875	0.57753508	0.56335612
0.004	0	0.203527	0.45940936	0.21657007	0.34682159	1.00E-04
0.004	0.02	0.47086824	0.56409901	0.52890403	0.65458965	0.37293324
0	0	1.00E-04	1.00E-04	0.00283015	0.00546696	1.00E-04
0	0.008	1.28913883	0.8400825	1.28445988	1.57498741	1.17465646
0.012	0.008	1.03043894	0.50392297	0.28519991	0.27878816	0.72909461
0.016	0.029	2.17024239	2.30541941	2.21508465	2.35614518	2.79246253
0	0.008	0.20032913	0.21666851	0.1757636	0.15325484	1.00E-04
0.028	0.037	4.60066825	4.20464429	3.89110025	4.08795322	3.49428215
0	0	1.00E-04	0.03520605	1.00E-04	0.00465955	1.00E-04
0.028	0.008	0.88663315	1.14758871	1.08773822	1.27372197	1.17358424
0	0.012	1.45957449	1.16559258	1.75860529	1.8510951	1.23257279
0.111	0.148	2.96104095	3.12117167	2.86264787	3.0521325	3.14165317
0	0	0.4629158	0.66688453	0.89081018	0.69215626	0.4069585
0.298	0.283	4.05255093	4.31600497	3.83330266	4.08847825	4.08516451
0.087	0.082	3.06708721	3.06807415	2.76268756	3.04486643	2.64202528
0.242	0.299	3.90552222	3.81884846	3.69304661	3.88450425	3.89970389
0.075	0.07	2.67011511	3.02766744	3.13036412	3.1389059	2.9249191
0	0	0.42151588	0.58512732	0.47681065	0.53847126	0.16122786
0.024	0.02	1.05855167	0.80595147	0.92876885	1.30600771	1.43170379
0	0	1.00E-04	0.08314314	0.11147668	0.09782823	0.30567508
0	0	0.21328994	0.20691282	0.14084087	0.298025	0.03841673
0.103	0.172	2.88971886	2.86586924	3.06124164	3.15163699	2.76704983
0.083	0.098	3.02616044	2.93192838	3.05730319	3.10146953	3.18651406
0.151	0.148	3.18370206	3.18635853	3.75142456	3.67455625	3.2830535
0.23	0.213	3.73226717	3.69821994	4.55219715	4.50070829	3.95216949
0.135	0.164	4.14242698	4.36907258	3.83730214	4.18646962	4.29884069
0.056	0.045	2.74961326	2.77937812	2.64193934	2.80482372	2.37199749
0.151	0.131	3.39275516	3.4987546	3.75960669	3.79163153	3.53563392
0.103	0.152	2.81055727	2.71203948	3.52225056	3.51404388	3.03103394

0.147	0.184	3.68119495	3.78642154	3.63215557	3.72537549	3.79099146
0.119	0.135	3.1428943	3.27083617	2.69169024	2.96227588	3.1506215
0.032	0.016	2.56162074	2.83105476	2.40695501	2.28167869	2.8200529
0.131	0.139	4.12860563	3.96099029	3.45942429	3.62661624	3.34213467
0.127	0.119	2.98502246	2.99879221	3.41006343	3.44266468	2.9032937
0	0	0.0859576	0.06054425	0.02732033	0.05454142	1.00E-04
0.139	0.111	3.1863057	3.26916287	3.96566841	3.77317379	3.42335677
0.067	0.045	2.3513351	2.5000864	2.78060793	2.75497232	2.58526873
0.012	0.012	2.02533854	1.66461556	1.52581551	1.67819997	1.33028843
0.052	0.049	1.95738461	2.38518407	2.47180316	2.35692044	2.30970959
0.194	0.197	3.70573723	3.6807702	3.7952857	3.97560253	3.96539134
0.044	0.061	1.35007409	1.56186651	1.16739769	1.47085023	1.7014723
0	0	0.23097288	0.05148015	0.05258915	0.09757299	0.14949124
0.202	0.16	6.21280023	6.11586471	5.96266232	6.0051553	5.44363463
0.242	0.213	3.78319626	3.9582863	3.60599157	3.84611901	3.74245769
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.23587891	0.37837128	0.21180497	0.24362684	0.14881583
0.246	0.246	3.64842806	3.9563682	3.97169203	4.00132514	3.97061166
0.202	0.152	2.90647559	2.75487865	3.35488076	3.23250037	3.81031564
0	0	1.00E-04	0.01852463	0.09581296	0.09604873	1.00E-04
0	0	0.0818886	0.10339872	0.05904521	0.03552448	1.00E-04
0	0.004	1.00117262	0.9866623	0.92942829	1.07034658	0.39739082
0.298	0.25	3.88837243	3.98261276	4.74126043	4.60457735	4.32583836
0	0.004	0.95855519	1.10928738	1.12694716	1.19442177	1.39619177
0.004	0.004	1.73045937	1.35078616	1.26757184	1.11513075	0.7322652
0.194	0.152	4.62783248	4.22838858	5.14715906	5.0336189	4.01090786
0.179	0.25	2.20093963	2.2218667	3.25014319	3.05074245	1.93896539
0.19	0.164	3.27059099	3.20786469	3.42393376	3.43485937	3.31946923
0.337	0.266	4.52934071	4.93315135	4.09123392	4.25451342	4.58204396
0.02	0.041	0.95282062	0.96700726	0.69570811	0.91890143	1.21680551
0.71	0.734	5.36453676	5.25583115	5.28484333	5.38234811	5.3498548
0.345	0.332	3.61879308	3.72637745	4.16219416	4.03808348	3.81100461
0.091	0.078	2.52743086	2.76028338	2.63067763	2.79783977	2.82127016
0.028	0.07	1.84833704	1.90136053	1.92642867	2.07967206	1.92153657
0.29	0.279	4.39867321	4.307736	4.51336774	4.57060798	4.66099484
0.183	0.168	3.06702763	3.00717681	3.29169367	3.33086756	3.26707463
0.337	0.389	4.0616881	4.25821344	4.48213471	4.40444924	4.33972895
0	0	0.03881153	0.09480718	0.05794422	0.06426841	0.08217862
0.143	0.115	2.95924073	2.97880221	3.30546617	3.36816957	3.1451109
0.012	0.012	1.01574546	1.29767517	1.58826684	1.64773181	1.48045877
0.127	0.139	3.86554429	3.99350255	3.48992412	3.71401377	3.83344211
0.425	0.336	3.51788401	3.54830331	3.74974633	3.87292154	3.84951848
0.266	0.246	3.71669491	3.85306887	3.74397148	3.83816346	3.90222229

0.611	0.508	4.89494496	5.19050222	4.93162597	5.00553144	5.42745008
0.389	0.34	3.72569124	3.75885723	4.15354872	3.86570464	3.99136283
0	0	0.41104614	0.5064496	0.18490931	0.30805908	0.49104018
0.04	0.037	2.31655034	2.29948092	2.79317368	2.71596449	2.37144585
0.206	0.275	3.82690993	3.78808566	3.76847065	3.94295421	3.91567143
0	0.004	0.18772961	0.2301079	0.15819104	0.22254216	0.15970801
0.488	0.443	4.322783	4.3457129	4.61816914	4.53883625	4.64347504
0.079	0.078	2.90224078	2.9721378	2.94672671	2.97821591	2.96597029
0.063	0.045	2.73099637	2.75262936	3.20979989	3.20677537	3.01646435
0.825	0.832	5.80183865	5.7839737	6.14706318	5.98453031	6.1423041
0.306	0.279	3.56660089	3.60677145	3.59762552	3.65850819	3.83403046
0.044	0.016	1.7207366	1.60096674	1.64093682	1.73535483	1.99571892
0.135	0.123	3.11149562	3.24992396	3.14321163	3.20334337	3.1796716
0.167	0.197	3.60792202	3.39424378	3.60225819	3.71890992	3.77809889
0.067	0.049	2.26457467	2.34238992	2.1779432	2.39502628	2.19271798
0.179	0.18	4.23184147	6.10760361	4.08536757	4.4495713	4.34913662
0.087	0.086	2.66448509	2.78634392	2.60059116	2.88030592	2.84176045
0.464	0.516	4.37949687	4.37820311	4.39367824	4.50189422	4.6686412
0.107	0.107	3.62639889	5.32834194	3.38025541	3.86144111	3.87260987
0.202	0.172	4.41197503	5.83121141	4.22763573	4.47302159	4.1546654
0.056	0.07	2.3434311	2.43208241	2.22493325	2.30037769	2.23109729
0.274	0.25	3.86683418	3.93293913	4.24849812	4.29443846	3.95959875
0.04	0.016	1.76683688	1.94590582	2.1319059	2.18765047	1.48312842
0.052	0.061	2.70308577	2.67535906	2.65435879	2.67225586	2.82687544
0.139	0.123	2.78129571	2.98520245	3.35386219	3.16059809	2.8425266
0.187	0.217	3.26727513	3.24642183	3.60074876	3.57871207	3.433057
0.04	0.016	2.56735572	2.74635683	2.59845008	2.66798358	2.67444993
0.004	0.004	1.00E-04	0.0079638	0.00321805	0.0682859	1.00E-04
0	0	1.00E-04	0.04250077	0.01237312	0.00242491	1.00E-04
0	0	1.00E-04	1.00E-04	0.00568001	1.00E-04	1.00E-04
0	0	0.05165307	0.04568823	0.05207594	0.01098525	1.00E-04
0	0	1.00E-04	1.00E-04	0.00205119	0.02630236	1.00E-04
0	0	1.00E-04	0.00702156	0.01048271	0.00998213	1.00E-04
0	0	0.39483732	0.54879588	0.56887277	0.19722461	1.00E-04
0	0	1.00E-04	0.04045789	0.08375972	0.02470729	1.00E-04
0	0	1.00E-04	1.00E-04	0.0021169	0.01247284	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.02028407	1.00E-04
0.107	0.172	2.20770613	2.03099821	2.52037314	2.54883989	2.89962944
0.012	0.008	0.89373718	0.97424884	0.72323976	0.8082897	0.40448663
0.373	0.451	4.32878834	4.3088887	4.6820717	4.6610558	4.61157618
0.06	0.078	2.80684428	2.89814606	3.26964608	3.3348212	3.11612982
0.464	0.385	5.4094012	5.67781465	4.97014239	5.07962811	5.65554843
0.56	0.553	6.34971864	6.81358632	5.81012219	5.92695397	6.80922052

0.071	0.131	2.45688379	2.44288063	2.08620421	2.28364884	2.47897746
0	0.004	0.19521105	0.31399348	0.23591281	0.31559144	0.09174663
0	0.004	1.05953773	0.89870431	0.59579299	0.6259667	0.95414671
0.135	0.176	2.42343944	2.48347271	2.92685146	2.81744324	2.37835351
0.183	0.172	2.46984974	2.37434817	1.87847078	2.07281266	3.86332456
0.766	0.635	6.08649723	6.31832294	5.81074412	5.77357766	6.92778715
0.063	0.115	3.12690853	3.34641907	3.14530251	3.33542812	3.26561596
0.516	0.488	6.84892413	6.92264348	6.54116385	6.51195922	6.20837974
0.163	0.193	5.4042907	5.86807397	5.68208632	5.33082919	5.57294114
0.004	0	0.36611985	0.48208325	0.26539247	0.29249398	0.89724447
0.262	0.307	4.31334859	4.45514562	4.09255327	4.33701163	4.16474701
0.056	0.029	1.41895223	1.82905663	1.32952298	1.58522163	1.46256061
0.198	0.266	3.37266992	3.46446571	3.66451442	3.72597236	3.45988742
0.004	0	0.04750423	0.06345801	0.09035939	0.10199661	0.25324734
0.004	0	0.07195552	0.19611945	0.1052364	0.06666319	0.16025528
0	0	0.11034673	0.07419474	0.16078559	0.15095191	0.30597633
0.175	0.168	3.4690591	3.64756352	3.16631989	3.45886569	3.54405302
0.004	0.008	0.82414493	0.97909747	0.94918382	1.07469037	1.56231265
0	0.004	0.51152816	0.9151987	1.39561111	1.41815064	0.33549238
0.044	0.033	4.1102791	3.97322188	3.9276412	4.04067197	3.75450748
0.222	0.16	4.66189499	4.87476608	4.46816253	4.63534358	4.69411392
0.258	0.189	3.88515753	4.08938339	4.00939241	4.10419173	3.87262488
0.159	0.176	2.93484234	3.01275085	3.63135195	3.58753755	3.23928589
0.024	0.012	0.35352644	0.21504402	0.62035027	0.49394601	0.85954697
0	0	0.01588786	0.0086075	0.01171099	0.00339192	0.16203435
0.04	0.033	2.38601288	2.82146319	2.33113283	2.53298584	2.86972671
0.21	0.213	3.4474296	3.49847645	3.77288489	3.76917756	3.77239465
0.028	0.041	2.04708206	2.03919711	2.00079104	2.131163	1.99252422
0.032	0.012	1.33078311	1.73567281	1.65867338	1.99803431	1.13196794
0.103	0.074	2.91684774	3.01907652	3.52276733	3.49651463	3.52525626
0.075	0.098	3.51550841	3.4757211	3.71913117	3.77618781	3.30595298
0.075	0.086	2.28712961	2.28663902	2.23451509	2.24534464	2.49720119
0.04	0.033	2.07715185	2.11954835	2.35797447	2.33439204	2.25815025
0.012	0.012	2.82274866	2.87441183	3.13878622	3.00749245	3.00359056
0	0	0.04130339	0.07886716	0.05284436	0.09009746	1.00E-04
0.254	0.209	4.77884227	4.85329685	4.46662514	4.63324981	4.86454386
0.016	0.008	0.59145007	0.44713284	0.84021313	0.90184011	0.72641389
0	0.004	0.40363242	0.36846635	0.58992052	0.61737375	0.78153813
0.107	0.057	2.65363852	2.63749406	2.3671617	2.40617298	3.04592053
0.246	0.238	2.16497893	2.05889785	2.02730138	2.10322075	2.87491375
0	0	0.31562217	0.34840675	0.28837971	0.34175081	0.18417517
0.353	0.287	3.26540208	3.42003611	3.01153721	3.07544189	3.78802721
0.063	0.045	2.36163596	2.1259521	1.95075866	1.96252767	2.46644781

0.008	0.008	1.64527794	2.19834831	1.37024246	1.71482418	2.76921388
0.171	0.094	6.17127542	6.36138446	5.70056158	5.82086341	5.93061871
0	0.004	0.60883542	0.43377966	0.28980995	0.26454306	0.76247966
0	0	0.10651636	0.74608437	0.05864032	0.18924707	0.17674125
0.012	0.008	1.40081137	1.51942618	1.58132763	1.56316726	1.46473625
0.278	0.287	3.13703366	3.31320981	2.99903853	3.06317599	3.58867478
0.254	0.23	4.60908068	4.94913236	4.3243491	4.68287355	4.4110355
0.179	0.246	3.04047311	3.33095508	3.3626086	3.51001149	3.12890397
0.071	0.074	3.31656336	3.53210906	3.71675241	3.7282646	2.76294315
0.032	0.016	0.76560852	0.76975131	0.80543579	0.67218474	0.68538577
0.147	0.168	3.11081815	3.28519093	3.1029115	3.2992245	3.34034565
0.004	0.025	2.37670847	2.90874123	3.17907738	3.05168455	1.79343829
0.016	0.008	0.84283068	0.71114354	0.56329298	0.76750155	0.80956152
0.024	0.016	0.90222023	0.98404037	1.30090674	1.38126389	1.15600132
0.008	0	0.58189318	0.29600687	0.1970232	0.22704112	0.43630149
0.028	0.037	1.83173375	1.97533719	2.17724419	2.18669995	2.03643124
0.091	0.066	2.66760233	2.79662447	3.51172492	3.39727653	2.90011701
0.075	0.078	3.52663919	3.59427145	4.22215567	4.21205437	3.57369781
0.04	0.025	1.53524732	1.93273456	2.24248666	1.55751744	1.93946364
0.016	0.008	1.77161152	1.61633277	1.37864328	1.67018653	1.52474054
0.016	0.016	0.09629456	0.15050726	0.06857167	0.12887109	0.07463752
0	0	1.00E-04	0.04495629	0.00481116	0.00296322	1.00E-04
0.202	0.16	4.1437792	4.06740101	4.15327448	4.18678756	4.47946847
0.004	0.012	1.31407747	1.14468618	1.62392908	1.45137229	1.73626879
0.036	0.049	0.21925212	0.14301082	0.09765664	0.14075389	0.69745292
0.012	0.012	0.80919806	0.74719916	0.51856766	0.66054656	1.24892222
0.337	0.426	4.80893046	4.65220055	5.35987942	5.20278551	4.72602694
0.139	0.184	3.43222043	3.59531215	3.35314219	3.48140464	3.69655515
0	0	1.00E-04	0.01615677	0.01479924	0.01917123	1.00E-04
0.004	0.012	0.79173694	0.93713629	0.80141226	0.90106541	2.34504215
0.317	0.295	5.38147392	5.40435617	5.18736938	5.33853766	5.27784347
0.04	0.012	2.11564997	2.40266557	2.05984173	2.34063907	2.1748576
0.226	0.238	3.87743494	4.00974054	3.64351298	3.80727379	4.07289702
0.044	0.049	2.27254774	2.18946038	2.32658737	2.338939	2.44842003
0.19	0.234	3.74751525	3.90600299	4.02671895	4.13288553	3.79963304
0.111	0.139	2.8485127	3.08284869	3.08600049	3.17793073	2.97818303
0.071	0.111	2.62760208	2.65398251	2.58177519	2.86243504	2.58633921
0.044	0.033	1.48046856	1.46152791	1.14795584	1.34622992	1.61909344
0.028	0.029	2.44744889	2.55785321	2.41594505	2.58630473	2.5133873
0.103	0.086	3.07000693	3.1243164	2.71174311	2.92094685	3.03597709
0.421	0.533	4.39874945	4.49790071	4.44950025	4.57528087	4.34879235
0.075	0.078	2.79607095	3.08330292	2.64981966	2.86376248	3.04351376
0.123	0.135	2.8590023	2.83913464	2.90067562	3.04253003	3.0692659

0.091	0.102	2.74917992	2.63237304	2.87079	2.93269068	3.04192302
0.095	0.053	2.25001538	2.25651113	2.11919959	2.34277007	2.44110769
0.063	0.053	2.51935934	3.9171136	2.7990418	3.03770599	2.90521026
0.202	0.168	3.26580436	3.42435175	3.45928353	3.54918409	3.52451925
0.425	0.447	4.55873674	4.53939299	4.22392095	4.48513434	4.6361533
0.218	0.156	3.58545431	3.70004653	4.0050206	4.00960478	3.69197171
0.687	0.689	5.69030162	5.81363853	5.42274521	5.58442537	5.78037831
0.587	0.533	6.08332829	6.33005851	5.75440055	5.86731098	6.16618664
0.004	0.008	0.33906381	0.4802221	0.35193751	0.44427451	0.4223201
0.29	0.258	3.75186407	3.89622088	3.57615394	3.71552056	3.77270642
0.302	0.262	3.92206175	3.9016071	3.57765339	3.78572019	4.20565231
0.099	0.078	1.83262952	1.76844907	1.95389753	2.11128745	2.09712785
0.008	0.004	0.22156549	0.26302758	0.34028891	0.4048054	0.30775758
0	0	1.00E-04	0.01975205	0.00583248	0.01396684	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23	0.254	4.02843263	4.08692083	3.64657455	3.80371054	4.01779269
0.528	0.545	5.43796737	6.07637581	5.15303258	5.29905943	5.46745065
0.008	0.016	0.25546349	0.47860143	0.42533965	0.44203819	0.13325199
0.409	0.348	5.30323472	5.44245029	4.71616921	4.95097669	4.9792923
0	0.008	0.05676986	0.05844246	0.04626368	0.01950086	0.29515879
0.004	0	0.2388189	0.10742017	0.222371	0.17521776	0.04625257
0.067	0.066	2.52604473	2.12846117	2.07929776	2.18500319	3.13132055
0	0.004	0.08004548	0.12249568	0.08490937	0.06267312	0.18885068
0	0	1.00E-04	0.02103786	0.00507879	0.01432317	1.00E-04
0.016	0	1.73540325	2.10018904	1.58042574	1.7590939	2.02150063
0	0	0.06592017	0.16173892	0.07472316	0.11070682	1.00E-04
0.083	0.066	2.49219922	2.53998647	2.49041529	2.59520166	2.69240547
0.095	0.156	3.0245285	3.14741243	2.79660627	2.97533606	2.95561366
0.401	0.439	4.83595147	5.12157818	4.49285401	4.66131189	4.9535566
0.032	0.037	4.44530718	4.84519125	4.02066735	4.28053015	4.87342079
0.202	0.184	4.42682903	4.47373768	3.94685603	4.09967697	3.88734828
0	0	1.00E-04	1.00E-04	1.00E-04	0.00462542	1.00E-04
0.004	0	0.08292693	0.04328324	0.0199392	0.08220616	0.15340684
0.044	0.045	3.44496618	3.37596764	3.45500824	3.78710727	3.45617472
0.151	0.148	2.98041375	3.02049495	3.34792895	3.39480458	3.11635284
0	0	0.1235074	0.1275672	0.06694092	0.06612028	1.08884086
0	0	0.19463569	0.10868603	0.08407031	0.08223215	0.03920743
0	0	1.00E-04	1.00E-04	1.00E-04	0.00230726	1.00E-04
0	0	0.00599256	0.00434733	0.02414263	0.01232224	1.00E-04
0.06	0.061	3.07154066	2.97758817	3.1028406	3.30990539	2.91637497
0.004	0.02	1.05750512	0.49882259	0.54904302	0.55407508	0.34257606
0.107	0.123	3.29446296	3.31745107	3.44756578	3.49785236	3.26959143
0	0.008	1.37144109	1.25410144	1.67936693	1.72034572	1.58513166

0	0	1.31389699	1.49615491	1.8942115	1.55228445	1.33211925
0.571	0.525	5.53524755	5.81122028	5.13894359	5.27818854	5.63081171
0.024	0.025	2.41284915	2.44942642	2.16068873	2.44838537	1.98504649
0.111	0.139	0.30826692	0.42624136	0.42738155	0.32576502	1.3248846
0.016	0.004	1.91935961	1.95097944	1.71279961	1.9451736	1.96342035
0	0.008	1.29590858	1.66063918	1.21050246	1.38693184	1.21152555
0.04	0.074	2.34154184	2.47511843	2.49332408	2.92791515	2.15257722
0.008	0	0.93680061	1.16611433	0.90667437	1.18024502	0.92564791
0.004	0	1.00E-04	0.06333928	0.02200207	0.05893492	1.00E-04
0.202	0.197	3.56906809	3.75770467	3.45655398	3.59562376	3.7888105
0	0.008	0.27987903	0.32795819	0.27333845	0.41878153	0.18561638
0	0	0.02632906	0.05565196	0.00953411	0.02450218	1.00E-04
0.024	0.029	0.39417255	0.27309072	0.12804191	0.13006879	0.38325895
0.008	0.008	0.3148349	0.24719059	0.34081306	0.26460114	0.2763148
0	0.004	0.04634149	0.0336091	0.01137069	0.01943883	0.12705131
0.25	0.242	3.79774126	3.7476962	4.01461465	4.0313752	3.90458487
0	0	1.00E-04	0.01510417	0.00689265	0.00285519	1.00E-04
0	0	1.00E-04	0.00351909	0.02482746	0.02205797	1.00E-04
0	0	1.00E-04	0.00273794	0.00421758	0.01053042	1.00E-04
0.099	0.111	2.77157142	2.6010626	3.66933065	3.51943061	2.95837231
0.016	0.004	0.79519846	0.95158405	0.85361986	1.0093296	0.63707255
0.024	0.016	1.78177334	2.03121977	2.36467004	2.40603162	1.88364554
0.052	0.037	1.89184344	1.94158568	2.17785024	2.39149285	2.1291527
0.048	0.045	3.08889228	3.38056459	3.62194183	3.50704997	3.08945
0	0	0.26137329	0.04637033	0.08262995	0.59783613	0.03884125
0.004	0	0.4340065	0.35315692	0.32920099	0.33548736	0.47293582
0.036	0.025	0.95361718	1.07037437	0.85090516	0.98009254	2.2009032
0	0.004	0.40769658	0.37669951	0.2400074	0.37025094	0.29049702
0	0.004	1.00E-04	0.04183504	0.0147957	0.075203	1.00E-04
0.036	0.061	0.23269178	0.13581666	0.04409314	0.05627958	1.00E-04
0	0.02	1.36391235	1.04454761	0.8249857	0.86331647	1.54472594
0	0	1.00E-04	0.01718573	0.00948714	0.00939334	1.00E-04
0	0	1.00E-04	0.0178513	0.06863452	0.04450522	1.00E-04
0	0	0.04856356	0.15338342	0.06372906	0.08304554	0.07378229
0	0	1.00E-04	0.09507108	0.03497026	0.02040411	1.00E-04
0	0	0.04851535	0.09051863	0.04913449	0.03804578	1.00E-04
0.004	0	1.00E-04	0.00435947	0.00235297	0.01049969	1.00E-04
0.004	0	0.02505491	0.04752377	0.07026546	0.04853383	0.15940852
0.401	0.357	3.62866538	3.68977353	3.30603946	3.54730993	3.83646835
0.024	0.016	0.36829826	0.37464452	0.62788669	0.64784823	0.60586858
0.04	0.025	1.00E-04	0.09242976	0.08329954	0.06034488	0.07378229
0.298	0.295	4.2985448	4.4647181	3.88866409	4.12876098	4.32475179
0.107	0.09	5.29153596	5.48602233	4.90347695	4.94155314	5.31762976

0.028	0.033	2.86696826	3.09353208	2.68352848	2.87961847	2.47941553
0.004	0.012	0.44392603	0.3071976	0.24409621	0.34319367	0.57069805
0.06	0.049	1.95757183	1.86198576	2.31925543	2.35345919	2.14477858
0.008	0	0.43771531	0.42802477	0.50168794	0.61545165	0.22669777
0.008	0.025	1.29181048	1.45167614	1.07187369	1.32610908	0.95136136
0.06	0.041	1.82653192	1.9577018	1.91240736	2.03162803	2.10298954
0.012	0	0.99258081	0.92331802	0.77195915	0.80285563	1.33656972
0.02	0.012	0.6596435	1.34401979	0.77135749	0.90153233	0.73879005
0.02	0.02	1.63413683	1.87437278	0.88467606	0.99078028	1.79698931
0.04	0.037	1.99194643	2.62510708	1.92863125	1.87306456	1.93394585
0	0.008	0.36071606	0.43236525	0.29759823	0.41391889	0.46638029
0.052	0.016	2.16189785	2.31105633	2.02519908	2.21472636	2.60117599
0	0.012	0.57426525	0.98147295	0.85482002	0.9668062	0.52932949
0.012	0.02	0.89128526	1.27355115	0.59332687	0.78006437	0.94360802
0.016	0.045	4.07291119	4.18531684	3.34619683	3.51955719	2.55308837
0.012	0.016	0.71003461	1.5768103	0.68772364	0.81237218	0.39790118
0.04	0.02	1.36610514	1.5284363	1.0154526	1.22990616	1.29209789
0.008	0	0.40086651	0.24419547	0.2788381	0.32906116	0.56490996
0.008	0.02	1.59365115	2.13656436	1.33474982	1.49691153	1.19455245
0.004	0.008	0.41428742	0.46561142	0.27207229	0.27912764	0.35607755
0.008	0	1.54625285	1.68046094	1.7883837	1.87869733	1.98450322
0.421	0.352	5.51253484	5.32497964	6.05690348	5.63386356	5.35850702
0.198	0.201	3.61470942	3.39708126	3.7717814	3.84342576	3.79288277
0.107	0.094	2.82823944	2.82575767	2.77627038	2.90790188	2.74817364
0.087	0.049	2.86584182	2.73973158	2.6631426	2.44212537	2.17310106
0.139	0.082	3.4732616	3.54132461	3.86903296	3.51411268	3.61106679
0.151	0.135	3.03649783	2.77983988	3.56067624	3.40940367	3.46780971
0.115	0.098	3.6518906	3.69385486	3.66917527	3.73257287	3.84206968
0.02	0.012	0.86755923	1.03208739	0.90893363	1.06534453	1.13250355
0.433	0.43	4.41849548	4.53153179	4.23880653	4.4331555	4.2960273
0.087	0.082	2.35893742	2.42332184	2.69926612	2.63992376	2.2761932
0.107	0.086	3.20632699	3.3169403	3.28527965	3.0348111	3.10871937
0	0	0.61808991	0.54099553	0.69651891	0.72297371	1.50603698
0.492	0.43	4.81690646	4.78763593	4.8980183	4.95885971	4.96771119
0	0	1.00E-04	0.01568885	0.01936029	0.01650109	1.00E-04
0.06	0.057	2.40081526	2.23734217	2.52142248	2.65044578	2.76125416
0.46	0.451	4.05694552	4.37205558	4.01640982	4.04180275	4.4899432
0.087	0.123	3.24258219	3.34476876	3.25756126	3.2961645	3.50572752
0.115	0.135	3.32418015	3.51302775	3.08296131	3.3238937	3.62861856
0	0	0.16784566	0.15067312	0.15189996	0.17786952	0.06915227
0.198	0.217	4.82073088	4.93143108	4.35265926	4.50500516	4.78154068
0.075	0.053	3.26074976	3.09577427	2.99092628	2.89034575	3.27893737
0.214	0.246	3.43217645	3.58684862	3.83873665	3.83180393	3.74475405

0.071	0.078	2.57847685	2.79394261	2.68204399	2.79278998	2.60563815
0.123	0.148	3.23749099	3.58498683	3.31035649	3.53227146	3.32690727
0.024	0.045	1.62934697	1.78120983	1.90206569	2.10924934	1.63817045
0.214	0.23	3.09883607	2.95959461	3.83850107	3.8102217	3.19133797
0.278	0.262	3.46713088	3.63696198	3.52883338	3.69999806	3.87612233
0.107	0.16	3.06146716	2.95647479	3.25914991	3.2539969	3.32787863
0.004	0	1.00E-04	1.00E-04	0.02070369	0.00667823	1.00E-04
0.151	0.111	2.5757354	2.72575715	2.49908878	2.61815063	2.64630245
0.032	0.049	3.11766258	3.09023662	3.05662383	3.21116844	3.04875248
0.079	0.082	1.56581296	1.62374703	1.40762191	1.79577871	1.98535242
0.02	0.016	1.19378094	1.13927915	1.50020239	1.47282253	1.21804524
0.31	0.287	4.32864061	4.21184138	4.28326116	4.19585209	4.54559948
0.016	0.02	0.94536966	1.12637821	1.61167464	1.5456002	1.48295714
0.028	0.037	1.41720063	1.6297892	1.90821127	1.85905093	1.45831333
0.151	0.09	4.27952608	4.3596744	3.83633538	4.11541616	4.45552937
0	0	0.07224828	0.09420536	0.05148071	0.08810165	0.16556749
0	0	1.00E-04	0.01410945	0.01041214	1.00E-04	1.00E-04
0.016	0.037	0.69273306	1.03549625	0.68709712	0.76139039	1.33075855
0.294	0.213	3.83258692	3.90609644	3.98922829	4.08855882	3.91046658
0.226	0.164	3.83379002	3.77951794	4.33344924	4.31649514	3.98730915
0.087	0.094	2.43447189	2.3681841	2.65313624	2.70617514	2.60250153
0.032	0.033	3.19085284	3.41418334	3.10271217	3.26586361	2.8950284
0.036	0.041	1.70281581	1.81786612	2.19616284	2.2240376	1.41901067
0.008	0.004	0.11916156	0.51482643	0.51004178	0.44940491	1.00E-04
0.123	0.139	2.83929348	2.9985705	2.59081494	2.80092077	2.65332346
0.079	0.049	3.03189642	2.78552861	3.45754631	3.41439076	3.2539852
0	0	0.18830144	0.16937594	0.34222993	0.38189294	0.48346985
0	0	0.13190246	0.20856095	0.07777796	0.08892637	1.41591902
0.067	0.041	4.17369297	4.15970677	4.9329257	4.99327777	4.20116764
0.06	0.008	3.46738578	3.64031041	4.42155729	4.43732998	3.01203306
0	0	0.29763889	0.24681588	0.41009865	0.31353258	0.23448394
0	0	0.3434747	1.16898132	1.55274738	0.69501933	1.17556168
0.024	0.016	1.31074943	1.31526069	0.9285604	1.07295368	1.38954817
0.115	0.078	2.33240885	2.41978916	2.92997445	2.8990143	2.48237823
0.008	0	1.73951648	1.71278038	1.51358547	1.75152942	2.83591923
0.254	0.254	4.21009374	4.39409607	3.97058251	4.15451705	4.40525248
0.504	0.496	4.94849538	5.10934878	4.80197732	4.90370449	5.09750409
0.234	0.27	1.86861109	2.07750413	1.50473084	1.67141315	2.11575702
0.063	0.098	2.96551994	3.24227639	2.54287742	2.76910873	2.9048729
0.258	0.27	3.78406405	3.8209099	3.93603088	3.95519458	4.60088348
0.234	0.303	4.6830512	4.4665069	4.2678907	4.53666516	3.99679777
0.032	0.057	0.64050011	0.57821956	0.42156002	0.54309616	0.80789972
0	0.004	0.05556158	0.12234284	0.09215618	0.10967186	0.36645847

0.123	0.086	3.0489858	3.92033546	3.37153086	3.47666745	3.09401977
0.004	0	0.10262891	0.03595324	0.31689211	0.19275296	0.22514942
0	0	1.00E-04	0.09314237	0.05887375	0.03909458	1.00E-04
0.079	0.086	2.23681539	2.28414105	2.72515298	2.74341855	2.38389112
0.175	0.131	3.6840068	3.67416346	3.75254467	3.81904417	4.0391645
0	0	0.03901167	0.03668409	0.03434033	0.02348109	1.00E-04
0	0	0.06958903	0.2450858	0.07598677	0.05392402	0.07288116
0.008	0.016	4.29618762	4.31516799	3.85307608	4.11671722	3.15250911
0.857	0.869	5.55718156	5.73292734	5.24934262	5.21811073	6.1886176
0.631	0.643	5.72581508	5.93831342	5.35066869	5.45130714	5.54408511
0.825	0.754	6.02753577	6.01440976	5.65716878	5.78269873	5.97950287
0.147	0.098	2.64914296	3.14976751	2.45836645	2.26062714	1.79456911
0.099	0.061	6.03220729	6.3561527	5.79949034	5.82567399	6.37687394
0.337	0.303	5.0514085	4.88741287	4.5537042	4.68848122	5.73024485
0.016	0.02	1.03885933	1.27427961	0.60864923	0.76840171	0.37801638
0.123	0.107	5.31860228	5.52530668	4.93487827	5.06044976	5.11451447
0.865	0.848	6.09100642	6.4870049	5.81579591	6.05159628	6.37572173
0.27	0.205	4.02567607	4.04000379	3.29787411	3.48468345	2.3362817
0.048	0.082	2.31253685	2.35013615	2.87948488	2.82558299	2.52615714
0.06	0.086	2.62929589	2.52595579	3.14554623	3.17518098	2.86589639
0.19	0.131	4.00252514	3.98979012	4.38485132	4.48402565	3.8995376
0.02	0.02	2.6744908	2.55480009	3.07237983	3.12407902	2.3915515
0.004	0	0.09201727	0.22491997	0.10458362	0.16676642	0.14445058
0	0	1.00E-04	0.09410508	0.09392855	0.07403407	0.0356975
0.016	0.025	0.27389598	0.33145188	0.24910351	0.33453911	0.46967927
0	0.004	0.14125013	0.15752851	0.14126818	0.17587908	1.00E-04
0.012	0.004	1.08394873	1.20127151	1.65890491	1.65414978	1.08388527
0.008	0.004	1.10331151	1.0656101	1.21134249	1.26753945	0.83595272
0.063	0.082	2.66768758	2.90803296	2.5559313	2.74857976	2.94597025
0.187	0.242	4.85673452	5.19497068	4.28140022	4.60073509	4.82408112
0.302	0.189	5.3055886	5.46087537	5.2657236	5.35330056	5.15606792
0.091	0.102	3.36344674	3.47675977	3.29045471	3.18900578	3.76290989
0.036	0.041	1.73830686	1.90197241	2.15847141	2.24216671	1.81903097
0.075	0.061	2.39358556	2.64442519	3.11242249	3.1872778	2.73771408
0	0	0.10706348	0.10529558	0.07785483	0.07246565	1.00E-04
0.04	0.082	2.11244727	2.15602734	2.6889922	2.62680535	2.24279733
0	0	0.07699468	1.00E-04	0.01879431	0.0044775	1.00E-04
0	0	0.05399286	0.0092892	0.07489877	0.07077805	0.12085406
0.012	0.004	0.39848999	0.30072295	0.26063431	0.30351956	0.54173704
0.083	0.09	2.33195145	2.44096976	2.51904552	2.59107931	2.36380743
0.198	0.18	1.79073343	1.64381616	1.38659905	1.82824718	1.12097382
0.016	0.008	0.84788544	0.77199666	0.60549224	0.71797663	1.59757719
0.02	0.033	1.0040058	1.19176974	1.53573262	1.5406214	1.27927116

0.135	0.094	3.86204105	3.90004169	4.25292723	4.1065656	3.70763887
0	0	0.01141922	0.0315442	0.04411735	0.02794435	1.00E-04
0.111	0.074	2.31153136	2.41447412	2.47141956	2.61506606	2.34617917
0.27	0.262	4.76990345	4.97396003	4.49693314	4.81959289	4.8678613
0.063	0.025	2.28512105	2.15941935	2.38338625	2.48079586	2.31865435
0.151	0.197	2.95516623	3.08830791	3.03298968	3.3857412	3.11190889
0.063	0.078	2.5648789	2.53197156	3.39552541	3.22256797	2.69393603
0.131	0.148	3.02461257	2.99226252	3.97778966	3.68618446	3.42416857
0.008	0.004	0.77289309	0.56808734	0.47664149	0.44091194	0.64787032
0.099	0.033	3.01336117	3.20465026	3.29694646	3.38627812	3.16818803
0.198	0.217	0.37156227	0.86321822	0.5615942	0.4842809	1.34252926
0.024	0.041	1.71087253	1.85526767	1.75866723	2.39557349	1.82055004
0.246	0.25	4.37334013	4.39897971	4.80693001	4.81892704	4.44620818
0.242	0.283	4.07901259	4.22093251	3.85609318	4.08368143	3.99142279
0.119	0.115	3.91868856	3.89456071	3.83182371	3.93293541	4.04688219
0	0	0.31046001	0.29008723	0.44791514	0.45878354	0.25918413
0.004	0.008	0.4602745	0.33047271	0.46213505	0.58269684	0.05539252
0	0	0.03859259	0.01853688	0.01816622	0.03848226	1.00E-04
0.004	0	1.00E-04	0.06341306	0.08069662	0.02585706	1.00E-04
0	0	1.00E-04	0.01449477	0.00439988	0.02187539	1.00E-04
0.131	0.152	3.28285533	2.99128958	2.84984935	3.01963871	3.28490378
0.083	0.049	2.97321302	3.06806342	2.60834566	2.81106795	2.82120922
0.119	0.102	2.87224861	3.42566546	2.57871557	2.8828822	2.92717944
0.21	0.201	3.35243087	3.39717326	4.17910964	4.16609551	3.47034119
0.163	0.16	7.03229486	7.24028428	6.47060852	6.65743584	7.12504873
0.004	0.004	1.32394829	1.68103471	0.94251239	1.29527083	0.51334555
0.079	0.107	3.51286713	3.60697821	3.84629529	3.79479868	4.20384352
0.004	0	1.98417668	1.70752807	1.52033786	1.19244816	1.75890584
0.012	0.008	1.5332857	1.23956297	1.37959507	1.46451051	0.7858206
0	0.004	0.19446751	0.14708451	0.10146739	0.14313755	0.42891022
0.004	0.004	0.29405273	0.23700797	0.13427382	0.24649909	0.29567619
0.151	0.148	3.02443368	2.98775942	3.33441894	3.3089276	3.31714472
0.048	0.037	4.12621575	4.18129909	4.23814756	4.21971487	3.85868448
0.123	0.152	4.33774928	4.36432753	4.76205227	4.77561102	4.25468401
0.274	0.254	3.67745561	3.73171138	4.34275559	4.34323027	3.99575207
0	0	0.10058977	0.11487539	0.05181103	0.02384675	0.08738744
0.02	0.02	2.12087548	2.25175549	1.71677288	1.94467359	1.69909989
0.024	0.012	1.14442055	1.30659804	1.08082819	1.33703744	0.90143679
0	0.004	0.01362931	0.10207724	0.08685461	0.11359606	1.00E-04
0	0	1.00E-04	1.00E-04	0.00288983	1.00E-04	1.00E-04
0	0.004	0.31767628	0.11378102	0.19768584	0.28706057	0.05978092
0	0	1.00E-04	0.00938228	0.02248437	0.01611217	1.00E-04
0	0.008	0.66660195	1.10747267	0.78913196	0.83644403	0.8444251

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.087	0.082	2.82642508	2.9840234	3.0069869	3.04126893	2.88226018
0.091	0.086	2.88125009	2.81003346	3.0954142	3.01881563	2.82253166
0	0	1.00E-04	0.01946497	1.00E-04	0.00582198	1.00E-04
0.143	0.189	3.75399522	3.90511671	3.38815713	3.57217876	3.6304937
0	0.004	1.00E-04	0.0109751	0.00814	0.03249128	1.00E-04
0	0	0.05122885	0.05188791	0.02910839	0.04161517	0.04185466
0	0	0.01261103	0.0078602	0.01073425	0.00798293	0.11471955
0	0	0.05825943	0.06244497	0.03008995	0.13362553	0.16203435
0.016	0	0.59105713	0.45783671	0.38164765	0.51714019	0.7520811
0.135	0.066	0.25881682	0.35283251	0.20224758	0.19360193	0.81273614
0	0.004	0.04377965	0.05398311	0.05655652	0.05880108	1.00E-04
0.016	0.012	0.83330666	1.00186235	0.95438218	1.14241748	3.43361
0	0	0.60285561	0.40106626	0.58705152	0.63657079	0.42662248
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.02	0.02936569	0.16994169	0.13427617	0.12126603	1.00E-04
0	0	1.00E-04	1.00E-04	0.00213449	0.01389478	1.00E-04
0.091	0.078	2.21092727	2.31983127	2.19302386	2.28183636	2.72968217
0	0.004	0.51094514	0.65848716	0.29722675	0.4856649	0.8059028
0.448	0.422	6.85032142	6.85129717	6.38581765	6.49343578	6.04660802
0.313	0.266	4.9998142	4.76497334	5.27667265	5.3388425	4.94122445
0.23	0.18	3.78395517	3.77350328	3.38222669	3.69595745	3.70629192
0.163	0.197	3.94573687	3.88334826	3.86895377	3.92345785	4.05702034
0.052	0.066	2.04647169	1.71989051	1.79910161	1.97074635	2.16599212
0.016	0.02	0.23684263	0.80249442	0.23010608	0.27659646	0.22885487
0	0.008	0.24148963	0.59022146	0.20878941	0.250938	0.68843429
0	0.004	0.72267248	0.67555523	0.4755294	0.60533955	1.20138214
0.401	0.373	5.9600993	6.12045836	5.85852146	5.99102703	5.55199788
0.44	0.422	4.65718548	4.73859097	4.42614413	4.56762726	4.55763183
0.087	0.107	2.69492964	2.70275019	3.01834276	3.08525709	3.05265554
0.052	0.086	2.33673773	2.49725112	2.06049055	2.14609046	2.35454795
0	0.008	0.12372294	0.22951632	0.20299113	0.25336668	0.76402462
0.075	0.094	2.38933347	2.57886318	2.52425502	2.72441447	2.91876914
0.024	0.025	0.09562432	0.18914775	0.17327087	0.14054758	0.32152316
0.115	0.094	3.52554963	4.04223499	3.74358868	3.82001171	3.56276752
0	0.008	2.48083524	2.01207576	2.3520613	2.54130077	1.79217871
0.048	0.033	1.52259334	1.63528948	2.27162668	2.23048154	1.7907031
0	0	0.02341686	0.05081612	0.06271436	0.08115647	0.24053719
0	0	1.00E-04	0.05938205	0.00680424	0.03185644	1.00E-04
0	0.008	1.00E-04	0.00883161	0.00524439	0.01139693	1.00E-04
0	0	1.00E-04	0.01902398	1.00E-04	0.00269354	1.00E-04
0.008	0.004	0.04544064	0.16086821	0.14497178	0.21013151	0.09243561
0.048	0.025	1.90032943	2.14612488	2.43739864	2.48921801	2.18441353

0.044	0.078	2.53191215	2.55350174	2.25603423	2.56572525	2.39670276
0.036	0.041	1.87737702	1.92901647	2.23865284	2.35231231	1.94582051
0.016	0.016	1.26226442	1.30588434	1.58619376	1.63244503	1.68106338
0.496	0.295	5.48554183	5.35841661	6.09656941	5.65345384	5.70427913
0.135	0.07	2.86673946	2.78405686	2.91041153	2.68472204	3.45852895
0.147	0.254	3.38841789	3.4019731	3.43696455	3.63737629	3.54096831
0.091	0.115	2.11963203	2.21885492	2.62994133	2.74255809	2.39449412
0.008	0.016	0.42023295	0.57448752	0.43471881	0.49208794	0.74577746
0	0	0.11674705	0.07412023	0.07926222	0.06644096	1.00E-04
0.163	0.115	2.41917928	3.05745255	2.49899691	2.49914709	2.90410512
0.163	0.205	3.28358122	3.27779156	3.48841023	3.50608522	3.45533954
0.004	0	0.25892321	0.25536483	0.3816061	0.37927375	0.26792509
0.06	0.066	0.52385822	0.83211897	1.48339501	0.90291319	1.68784692
0.095	0.127	3.773656	3.54423682	3.6023161	3.72517938	3.78499176
0.123	0.107	3.51937229	3.4628588	4.33784509	4.33248765	3.7266178
0	0	1.00E-04	1.00E-04	0.00728351	0.0010909	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00816132	1.00E-04
0.032	0.004	1.6751435	1.61084429	1.91627781	1.86683102	1.98777281
0.008	0.008	1.4264426	1.25689936	1.33285581	1.44921849	1.46155774
0.04	0.045	0.25335745	0.24498525	0.18556894	0.18272592	1.80661384
0.075	0.045	3.6434418	3.90243681	3.68406501	3.29558256	3.40601613
0.075	0.107	4.43130586	4.83209157	4.68701812	4.35140129	4.6737537
0.048	0.057	1.09932202	1.20583552	1.35020501	1.50035646	1.28287108
0.004	0.004	0.54254969	0.62780659	0.76846666	0.52194371	0.58724149
0.313	0.311	4.32750151	4.27823564	4.89150255	4.92456428	4.26182127
0	0	1.00E-04	0.06258217	0.04965993	0.0462315	0.06057069
0	0	0.01371033	0.01330863	0.04191356	0.05181971	1.00E-04
0.028	0.012	1.68400509	1.8116362	1.98629071	2.02422284	1.80972682
0.02	0.029	1.3552406	1.49963521	1.62561202	1.7460167	1.59883083
0.063	0.045	2.68919746	2.67199633	2.73301335	2.76384468	2.90275219
0.028	0.033	1.15194854	1.2395784	1.62877569	1.57453974	1.37441655
0.004	0	0.46374953	0.35998262	0.1243388	0.17831397	1.00E-04
0.008	0.008	0.01019277	0.49046642	0.45644356	0.33600022	0.24164767
0.512	0.455	5.16747949	5.42823573	4.81505591	4.9027393	5.23070195
0.448	0.393	5.10359656	5.24985718	4.81375875	4.90077455	5.21693314
0.004	0	0.29128578	0.14926827	0.09406742	0.11057117	0.10227205
0.278	0.242	4.16704888	4.22800136	4.59397732	4.47882868	4.3043503
0.171	0.176	3.83762507	3.83266408	3.80070137	3.8840174	3.97882359
0.131	0.139	3.70265547	3.7468988	3.80871928	3.96819124	3.69041868
0.083	0.07	4.31701158	4.75110731	3.95926304	4.23079473	4.10334303
0.056	0.045	3.16799218	3.6590869	3.04979824	3.23194375	2.36312907
0.409	0.385	5.13171201	4.90849658	5.92244175	5.77073789	5.49286548
0.19	0.156	3.44440922	3.32675967	3.47739786	3.4849644	3.40567615

0.413	0.418	4.76000465	4.89586195	5.25089176	5.15724523	4.85066656
0.115	0.111	1.72141963	2.01848709	2.64513254	2.67179128	1.87574624
0.353	0.385	4.14614756	4.63443192	4.850027	4.84235595	4.20980487
0.067	0.082	3.08415718	2.89613421	3.26189264	3.20952663	2.94968028
0.738	0.684	5.39771646	5.63266291	4.94632936	5.1365696	5.62202534
0.06	0.033	1.44708596	1.50918277	1.74533239	1.78051832	1.45315307
0.266	0.275	3.45818878	3.32680062	3.37974132	3.48443625	3.55645493
0.024	0	2.52559851	2.90394933	3.00460248	2.23852092	2.11853497
0.008	0	0.16055749	0.12549199	0.20994962	0.30644862	0.19724255
0.004	0.004	0.42422493	0.49356719	0.23692719	0.27761038	0.91600731
0	0	0.02484422	0.0354063	0.02675901	0.02735567	0.11954724
0.012	0.012	2.29444733	2.16376811	1.96521253	2.18669374	1.44565794
0	0	0.16775693	0.05258663	0.12357036	0.12742228	0.40851113
0.032	0.02	3.93904439	3.91133021	3.57055841	3.76339443	3.7374895
0.103	0.107	3.36127736	3.33953678	3.06928061	3.29795414	3.24926807
0	0	0.33653009	0.461727	0.35579044	0.36595102	0.29775061
0.004	0.004	0.07015201	0.01993213	0.0145372	0.03868941	0.06295857
0.139	0.049	4.07624994	4.31877807	3.86389547	4.03665746	4.08275477
0.067	0.053	2.1692883	2.32255185	2.67628107	2.6141733	2.58634047
0.04	0.057	0.4567746	0.61393382	0.48550905	0.57888057	1.32015592
0.032	0.02	2.16815228	2.19477183	2.01283929	2.07353676	2.05585288
0	0.004	0.1584102	0.24837992	0.12178304	0.1986853	0.71983832
0	0	0.03803766	0.0844999	0.21688842	0.12833733	1.00E-04
0.063	0.111	2.43537532	2.49804561	2.56793741	2.72096614	2.71675426
0.087	0.041	3.50064888	3.98815014	4.23740345	3.67545959	3.68308806
0.048	0.025	3.91370003	3.82051593	3.94700866	3.6101723	4.26834371
0.294	0.266	3.47320588	3.62699405	3.89789565	3.99030526	3.6785942
0.036	0.033	2.39018704	2.2966421	2.08171543	2.27282958	2.14930281
0.151	0.143	3.26602862	3.42027562	3.6264888	3.57958048	3.32273267
0	0.004	0.32110874	0.60862989	0.17793645	0.1796751	1.1213659
0	0	0.40919094	0.12040585	0.05436664	0.09773506	0.08821167
0	0	0.10384367	0.31815874	0.20862606	0.33168158	0.20513125
0	0	0.53963417	0.69275256	0.51099661	0.56740664	0.26969557
0	0	0.05677395	0.06645324	0.0581588	0.04287294	0.99498571
0	0	1.00E-04	0.01070286	0.00868386	0.00328936	1.00E-04
0.004	0.004	0.72443524	0.7830549	0.24356477	0.28142475	1.12674039
0.131	0.139	3.07959559	3.01443897	3.63037776	3.60003726	3.15845122
0.167	0.135	2.90326674	2.86013663	3.5442112	3.42900094	2.80902104
0.111	0.07	3.2252697	3.35550876	3.81106889	3.88971769	3.29465914
0.19	0.205	3.39475554	3.45247002	3.07098512	3.35889541	3.4524117
0.016	0.029	0.72927988	1.20072094	0.81207662	0.91911766	3.14030863
0.075	0.098	3.03959501	3.07519581	3.66325578	3.4744655	3.02641726
0.365	0.32	5.08033125	4.85602269	4.93196354	5.1222546	4.54667097

0	0	0.78165257	0.88670327	0.5150617	0.70272884	0.48985067
0.012	0.008	0.98996473	1.04766608	1.10879649	1.39223161	0.7932618
0.19	0.184	3.87423309	3.73911458	4.51500181	4.51255729	3.91071014
0.095	0.127	3.11223307	2.88249679	3.55600432	3.40670947	3.23188191
0.079	0.086	2.66358785	2.49887198	2.92999168	2.94342608	2.56024573
0.012	0	2.39873214	2.8855243	3.05126288	3.07961193	2.743306
0	0	0.54065671	0.58823901	0.49980072	0.71036358	0.51529593
0.31	0.352	4.94301586	5.29342495	4.6245851	4.72417165	4.91966149
0	0	1.00E-04	0.01315598	0.03231948	0.04611524	1.00E-04
0.119	0.131	3.16774323	3.36198976	3.4773505	3.56330009	3.38880955
0.048	0.029	2.61054315	2.67074117	2.37467919	2.6130743	2.39420704
0.036	0.045	1.46145352	1.59192424	1.01210209	1.29810007	1.17919872
0.004	0.004	1.98411184	1.61325745	2.07146003	2.04164952	0.89811057
0.004	0	0.06439528	0.14338333	0.19646881	0.30169077	0.28994052
0.004	0.004	0.03421214	0.05277157	0.02525	0.05336564	0.06541246
0.23	0.283	0.69691169	0.84420713	0.60069231	0.88178111	0.83868624
0.075	0.053	2.32522925	2.48223964	2.26733464	2.44132288	2.36682525
0.067	0.07	1.84887205	2.01761084	2.08431924	2.09913562	2.19539647
0.028	0.037	1.65159197	1.60240084	1.76381426	2.05679827	1.53580412
0	0.008	1.00E-04	0.00315095	0.03740668	0.04222486	1.00E-04
0	0	1.00E-04	1.00E-04	0.00281425	0.00168817	1.00E-04
0.179	0.139	4.150978	4.34940732	3.67036722	3.9030831	4.32326862
0.095	0.074	3.24591006	3.28392831	3.38161335	3.40357154	3.04444189
0.306	0.27	3.97726396	3.9248871	3.8678523	4.0023515	4.01423515
0.417	0.406	4.14358978	4.2075795	4.9178464	4.71283268	4.32184316
0	0	0.19308597	0.21295989	0.16881822	0.2192673	0.19134507
0	0	0.46361888	0.47067659	0.85954388	0.40680528	0.58250564
0	0	1.00E-04	0.0455606	0.06335633	0.0437406	0.08676842
0	0.004	0.03845113	0.04025064	0.02218726	0.03590669	0.07645533
0	0	0.05309825	0.12468392	0.18052618	0.15496018	0.14350507
0.107	0.135	2.89579414	2.96762184	2.67579291	2.99298017	2.94577302
0.357	0.406	5.06115718	5.22434291	4.97912622	4.99165479	4.97478294
0.286	0.189	3.46166195	3.86470399	3.58000582	3.62320527	3.63083351
0.643	0.725	6.15013603	5.53077243	6.48280291	6.42074018	6.44406547
0	0	1.00E-04	1.00E-04	0.00155563	0.0091775	1.00E-04
0.147	0.18	4.01051904	4.04239774	3.98486394	4.19893834	3.6372102
0.183	0.16	2.6836237	2.8270472	2.97358502	3.09735429	3.09461912
0.004	0.008	1.93981519	1.77210746	2.28173526	2.37398954	1.76572088
0.012	0.004	0.41567309	0.50401683	0.7267135	0.7360003	0.95508112
0.02	0.029	1.58228234	1.31809149	1.37597334	1.44500628	1.56422141
0.69	0.721	5.70018156	5.45748155	6.79295594	6.60821804	6.09153611
0.675	0.738	5.04367395	4.92069788	5.83638841	5.68413184	5.3656181
0.139	0.148	3.31670917	3.27023871	3.88855436	3.85881482	2.87506805

0.702	0.73	5.22708678	5.04040045	6.17260942	6.01800695	5.67006488
0.587	0.615	5.1759421	4.58001266	5.64899824	5.54941074	5.37162207
0.056	0.074	3.54062277	3.51841949	3.37001502	3.56247571	4.12441124
0.024	0.066	1.44671492	1.57163787	1.9131199	1.93641426	1.4183305
0.298	0.254	3.7277658	3.91175952	3.30238207	3.50692336	4.08232413
0.028	0.041	3.20594245	3.00127146	2.72079718	2.86119485	3.82023276
0.008	0	0.18821957	0.34487316	0.36545848	0.26574385	0.05804912
0.036	0.016	0.3978545	0.92295191	0.88527131	0.90052171	0.68714298
0.171	0.168	3.21049871	3.50256026	2.89820269	3.15859493	2.93070129
0.012	0.008	1.32595281	1.30030544	1.09815545	1.20095315	1.35895768
0.313	0.258	4.2940632	4.24269234	4.58368187	4.61582139	4.31053812
0.369	0.41	3.81899325	4.0963913	3.65386761	3.93532067	4.21998308
0.004	0.016	1.07744082	1.12308698	1.31599209	1.51038318	1.42198667
0.016	0.02	1.42511746	1.72159239	1.2841884	1.65822402	1.19688593
0.052	0.029	1.59303805	1.62527804	1.50899317	1.69956374	1.75183393
0.083	0.098	2.92363045	3.13078318	2.60416056	2.66425444	2.7847076
0.008	0.004	0.16749748	0.2741179	0.19211537	0.31036621	0.09992451
0.226	0.201	0.23285993	0.3383808	0.29336599	0.31371365	0.33269025
0.004	0	0.26860917	0.48011219	0.59241402	0.48731809	0.16126044
0.012	0.025	0.78824225	1.17662469	0.64431371	0.78073334	1.28811918
0	0.004	0.62252394	0.57971659	0.40189741	0.43563656	0.37800849
0.008	0	1.73575501	1.98258231	1.8303127	1.90712842	1.33634923
0.004	0.012	0.76867712	1.09135117	0.7265656	0.6161917	0.49118512
0.004	0	0.0973526	0.15887351	0.10529395	0.10804678	0.49962567
0.214	0.168	4.94339057	4.8730339	5.21652325	5.07479798	4.96930898
0.238	0.242	5.26394526	5.57390636	4.95916597	5.13750315	5.18553055
0	0	0.01451064	0.04675761	0.0495972	0.06333984	1.00E-04
0	0	0.21503443	0.17682065	0.1554441	0.19352514	0.40630891
0	0.004	0.02985469	0.0592098	0.061455	0.08794558	1.00E-04
0	0	0.33868183	0.34064654	0.29553985	0.32922211	0.31239108
0.008	0.012	0.86458534	1.0308672	0.46039285	0.70197227	0.26220167
0.012	0.004	2.38819117	2.42312917	2.67704567	2.77163872	2.06120948
0.004	0.008	0.35305178	0.4782676	0.40657354	0.23496429	0.45997084
0	0	1.00E-04	0.02449056	0.03486492	0.05325783	1.00E-04
0.452	0.402	5.05403592	5.36722018	4.74265907	4.82571159	4.78561097
0.004	0	0.58309989	0.38631323	0.23532069	0.48466352	0.97151984
0	0	1.00E-04	0.00515348	1.00E-04	0.01526764	1.00E-04
0.123	0.152	3.20557399	3.26956402	3.28966077	3.4311502	3.43632033
0	0	0.10981707	0.05919072	0.06031534	0.06092338	0.22354738
0	0	0.18984374	0.07611273	0.06617623	0.09327742	1.00E-04
0.004	0	1.55756425	1.42067649	2.30168849	1.80407717	1.77944963
0.008	0	0.8645163	0.69765892	0.86578002	0.95614768	1.25431791
0.004	0	0.19518346	0.10391206	0.07793033	0.10417989	0.09528784

0.004	0	0.26397127	0.34444345	0.10984355	0.32918923	1.00E-04
0.183	0.107	3.69186883	3.54464274	3.59808253	3.67145295	3.51089753
0	0.004	0.2236847	0.23758349	0.40438156	0.40775187	0.58169673
0.044	0.049	1.44959415	1.44806935	1.98645571	1.78463439	1.77548117
0.036	0.053	1.81524595	1.21230471	1.97778994	2.21984517	2.05356749
0.075	0.012	2.44116662	3.01101417	3.15266015	2.2778345	3.69642244
0.079	0.053	4.19198226	4.12889273	4.74985166	4.52565664	4.40651682
0.036	0.025	0.72967814	1.03734128	0.89747268	0.94889748	3.118855
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.472	0.488	4.71168581	4.99113603	4.36891674	4.56603609	4.56869086
0.159	0.156	4.41616736	4.38641677	4.43378533	4.49720339	4.47626658
0.139	0.152	2.45011331	2.23092208	2.56313541	2.57677482	2.79931368
0.004	0.008	0.38386054	0.56991708	0.30042464	0.34071328	0.2792669
0	0	1.00E-04	0.00479325	0.00778223	0.01889956	1.00E-04
0.218	0.205	4.10698933	4.42237272	3.73153773	3.93854035	4.59349813
0.016	0.008	2.13439502	2.06277803	2.79870551	2.71345708	1.71631311
0.04	0.057	4.24108179	4.43924966	3.79810035	4.06659139	3.69840791
0.409	0.414	4.97682586	5.10183684	4.57685034	4.70185661	5.02667607
0.079	0.066	2.54112178	2.72266183	2.80735197	2.86176659	2.70341615
0.06	0.053	2.18892693	2.35921194	2.7971997	2.92687938	2.16044441
0.298	0.303	4.11213067	3.96236031	4.73676734	4.71224794	4.32288572
0.056	0.09	2.02926908	2.11862555	2.59921797	2.57149234	2.30501175
0.008	0.02	0.93788028	0.76362521	1.29396491	1.24356959	0.99062721
0.032	0.016	1.67416651	1.83566416	1.80369861	1.62705565	1.9447237
0.829	0.828	6.15037836	6.00550677	7.01919712	6.88433721	6.43816841
0.075	0.061	2.21515048	2.39653413	2.84238777	2.80229745	2.60654794
0.282	0.291	4.08939453	4.08966095	4.51284154	4.52109016	4.37981002
0.095	0.135	2.42365882	2.66214999	3.34857088	3.36245639	2.28477028
0.238	0.225	3.67454769	3.53511615	4.50233479	4.3342261	3.82362264
0.25	0.205	3.59798129	3.58918689	3.78181798	3.8359932	3.9714509
0.107	0.09	2.73239073	2.77180047	2.80978084	2.95386335	2.7797466
0.214	0.18	4.31463692	5.66194495	3.97616968	4.51323972	4.35182425
0.298	0.324	3.98322221	4.35383654	3.81999129	3.91250268	4.25392466
0.282	0.168	3.8244432	3.94462668	3.67474249	3.77927076	3.9431083
0.159	0.119	2.57798815	2.61466633	2.86148179	2.97689744	2.8945975
0.06	0.061	1.89167185	1.96646073	2.29589948	2.42825973	2.07678179
0.353	0.361	5.21545213	5.33377936	5.10190636	5.23131705	4.94123662
0.063	0.086	2.28429656	2.24311365	2.46456539	2.45707926	2.34186006
0.107	0.107	2.84028454	2.88775418	3.10715012	3.25182474	2.94967802
0.063	0.078	2.64662551	2.49300145	3.06122931	3.07254768	2.81341734
0.167	0.16	3.34643549	3.34898608	3.67923524	3.68998682	3.52192992
0.413	0.393	4.1136189	4.1982074	4.73477119	4.62550311	4.39307431
0.242	0.172	3.58201249	3.48045258	3.80533516	3.83005216	3.75669061

0.476	0.492	5.23161712	5.12496986	5.22335272	5.3557099	5.37956111
0.206	0.148	3.8593331	3.70604775	3.76564643	3.93445877	4.22283333
0.337	0.41	3.87810033	3.91623213	4.39924543	4.43047685	4.11191908
0.575	0.578	4.62327668	4.53447536	5.41109545	5.30647584	4.87322403
0.417	0.455	4.03771275	3.90419509	4.92198915	4.73988805	4.37322661
0.302	0.336	3.63463288	3.74263729	4.42522736	4.24852644	3.97545458
0.532	0.607	4.87488492	4.87366168	5.32570927	5.19530754	5.15517698
0.262	0.279	3.82078476	3.54552614	4.44541792	4.35233825	3.96854427
0.31	0.32	4.08353422	4.00653735	4.1567439	4.12795938	4.40613052
0.587	0.639	4.88107922	4.73904753	5.79029962	5.59592435	5.24191188
0.373	0.414	4.37816512	4.26298162	4.85151913	4.84391996	4.56763941
0.401	0.385	4.25435965	4.1951295	4.77169158	4.73766057	4.5417606
0.405	0.361	4.85432508	4.82606637	5.61061054	5.55595076	5.22319216
0.536	0.52	4.90997007	4.78067199	5.44054514	5.31389286	4.93494891
0.198	0.201	3.42111526	3.35394356	3.83510093	3.74703807	3.86754669
0.397	0.492	4.89252054	4.53826355	5.15382385	5.13108418	5.00205325
0.079	0.102	2.59858251	2.56354513	2.1946202	2.2749042	2.82446823
0.21	0.242	3.48430881	3.47883272	3.89489253	3.86826591	3.63326608
0.21	0.184	2.07579992	2.23036432	1.97155904	2.05074396	2.3443421
0.147	0.074	3.98342806	4.13276052	4.91199823	4.80606615	4.11972672
0.115	0.119	3.8311354	3.61560413	3.61514479	3.89972221	3.72041282
0.02	0.025	1.85197878	1.97435612	2.34276983	2.23696262	2.05021979
0.127	0.139	3.0399426	3.07906344	2.90009892	3.18239692	3.13863201
0.19	0.18	4.04137419	4.02349801	3.9428117	4.07913511	4.23086853
0.567	0.561	5.4911635	5.41317676	5.65959655	5.72172422	5.47524801
0.579	0.578	3.61967942	4.05184442	3.37358172	3.54372299	4.82317527
0.329	0.246	3.97648694	3.88779971	4.02214506	4.06333682	4.31929218
0.492	0.475	5.14124409	5.15657414	5.33190441	5.4223668	5.55836888
0.27	0.221	4.27240285	3.89687173	4.39269457	4.37230521	4.51410137
0.036	0.016	0.86441505	0.82010526	1.24224035	1.26910545	1.25434116
0.357	0.287	4.51080473	4.62584966	4.808286	4.71691404	4.47178357
0.21	0.242	3.45419925	3.73970381	4.1730159	4.07180481	3.61097966
0.317	0.258	4.01129821	4.21428118	3.87775511	3.93600882	4.12702336
0.044	0.045	1.52098626	1.55792954	1.68159896	1.85281066	1.93092646
0.063	0.041	2.06251454	2.21155201	1.9085961	2.14863094	2.38647947
0	0	1.00E-04	0.00505979	0.00447253	1.00E-04	1.00E-04
0.175	0.18	3.38488587	3.39821662	3.62252165	3.63676527	3.66549758
0	0	1.00E-04	0.00993965	0.01293323	0.03205705	1.00E-04
0.008	0	0.52749798	0.5426457	0.41322262	0.42554209	0.56431311
0	0	0.0891705	0.0422497	0.09181546	0.06534934	0.05079243
0.69	0.713	5.28582577	5.59861123	5.2062997	5.31476481	5.4304886
0.532	0.443	4.82465711	4.92128173	4.42330661	4.71225815	5.09817004
0.02	0	0.13033955	0.55048392	0.4318197	0.47678582	0.08452806

0.214	0.217	4.11060674	4.21861639	3.88857647	4.09282062	4.13322281
0.012	0.008	0.57790791	0.5668925	0.52310117	0.64271701	1.12373356
0	0	0.04499162	0.01355272	0.02583323	0.02195127	1.00E-04
0.008	0.008	0.5913501	0.36129846	0.17255301	0.24828013	0.44046655
0.04	0.053	1.67311569	1.69874167	1.94167509	2.01832039	2.06684405
0.361	0.398	2.98412934	3.20613636	3.10289076	3.25640385	4.14777889
0.183	0.127	2.84535081	2.83691016	2.69810766	2.73323647	2.8547876
0.198	0.197	4.26617174	4.41297066	3.83532425	3.96703685	4.97424451
0.238	0.217	5.62206023	5.76519792	5.33095856	5.36177332	5.95731871
0.008	0.004	0.78247842	0.60053352	0.78980631	0.88032751	1.069236
0.758	0.746	7.25189512	7.40538609	6.74523667	6.92895952	7.29938644
0.079	0.111	3.22917346	3.4730424	2.88999767	2.98904729	3.14696086
0.004	0.004	0.5223185	0.59279228	0.56987583	0.61207709	0.91016149
0	0	0.06609745	0.08759768	0.06167916	0.09190244	0.04127952
0.063	0.053	2.14328327	2.34483246	2.41727517	2.57090269	2.28361446
0.393	0.389	3.8118221	4.00208835	3.89723239	4.21139549	3.90472335
0.23	0.27	3.96621305	3.78183698	3.68322133	3.92198334	4.40433847
0.008	0	0.0352144	0.07485735	0.03729302	0.08198046	0.04272764
0.123	0.123	2.98656755	2.95487667	3.15145013	3.14936132	3.26483998
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.298	0.254	3.51500068	3.52274544	4.57545811	4.31154024	3.89424212
0.206	0.242	4.07159013	4.25390452	4.74977225	4.61158759	4.1604276
0.095	0.074	2.32507091	2.29650497	3.01296935	2.94811559	2.40813481
0.115	0.111	3.17974261	3.21972722	3.65634403	3.63969429	3.19001188
0.004	0	0.01989406	0.04066045	0.03278269	0.02320392	0.16452277
0	0.004	0.51935855	0.68005212	0.63898504	0.60365307	0.65793519
0.004	0.004	0.08948224	0.02060314	0.01773932	0.02094172	1.00E-04
0.52	0.41	5.4828741	5.44426928	5.34873656	5.3223767	5.3493636
0.024	0.025	0.21315383	0.39838084	0.15124507	0.23410196	1.19930674
0	0	0.06296191	0.18583789	0.08539838	0.07984149	1.0645517
0.095	0.123	2.64064063	2.68324093	2.42744593	2.60570993	2.54588132
0.143	0.143	3.12944634	3.17765095	2.9935443	3.24336756	3.06188949
0.155	0.139	3.50507157	3.68496117	3.1470041	3.28840846	3.50519184
0.369	0.352	4.10986758	4.37910116	3.7918073	4.0428407	4.26059074
0.024	0.074	2.2349277	2.25712538	2.84219723	2.83092749	2.26728616
0.028	0.045	1.99283727	2.03331056	2.43338178	2.58032327	1.9036889
0	0	0.18373227	0.53560237	0.31081442	0.35688659	1.00E-04
0.325	0.299	4.15885464	3.71839271	4.00443184	4.05136206	4.13608153
0.056	0.057	2.5690276	2.56991293	2.74432043	2.84286466	2.58450366
0.135	0.107	3.44562314	3.63860352	3.89145188	3.88597013	3.52987543
0.127	0.143	3.2445814	3.27082585	3.49937129	3.55309248	3.33119267
0.151	0.115	3.30238522	3.38920892	3.65920464	3.65363483	3.41989491
0.048	0.061	1.64039876	1.74775615	2.18048785	2.16144889	1.70804368

0.159	0.168	3.33308747	3.4420262	4.28466756	4.19259735	3.54645124
0.183	0.164	3.11490168	3.32356313	3.94928461	3.90826037	3.41576895
0.063	0.061	2.71555026	2.92285459	3.18098586	3.19715084	2.89736631
0.02	0.02	1.15067625	1.32086931	1.80340111	1.83562226	1.35449212
0	0	0.01023917	0.04626822	0.02995727	0.04990635	1.00E-04
0.107	0.09	2.67556625	2.77517675	3.36689463	3.36380208	2.97985446
0.008	0.004	0.65048869	0.85106158	0.80844656	0.89146681	1.10679809
0	0	0.11800184	0.10622144	0.0999607	0.09037226	0.25932179
0.087	0.102	2.49482441	2.56687252	3.19563186	3.11716553	2.67755066
0.004	0.008	0.15135396	0.27336237	0.2134841	0.37824264	0.20464197
0	0.008	0.21228708	0.18129198	0.25446568	0.24024497	0.65922231
0.06	0.053	4.78431666	4.59214672	4.57270761	4.49892399	5.34510279
0.02	0.004	1.07999687	0.97193831	0.33945872	0.42499149	0.59033419
0.079	0.098	2.56066038	2.70560168	2.71292799	2.87902463	2.45947616
0.087	0.086	2.50486728	2.66458084	2.7720111	2.83398588	2.42090501
0.909	0.857	7.13282239	7.46459337	6.79895498	7.03900608	6.93554857
0.048	0.033	2.10536953	1.94805521	1.780986	1.87520099	1.32323036
0.032	0.02	1.6417319	2.13503905	1.74543911	1.73124141	1.47331305
0	0.02	1.11768916	1.89986187	0.91294389	1.22113645	3.46787669
0	0	0.12625462	0.20078468	0.0774673	0.19656475	0.10043133
0.647	0.684	5.39964382	5.93099378	6.08422105	6.00083561	5.85839381
0.242	0.176	3.43346887	3.49471149	3.00012739	3.16321033	3.4869242
0	0	1.00E-04	0.00735289	1.00E-04	0.01786397	1.00E-04
0	0	0.20901131	0.04972952	1.00E-04	0.00797743	0.08424916
0.004	0.008	1.0605235	0.97274972	0.67169644	0.64954152	1.57829622
0	0	1.00E-04	1.00E-04	0.00358029	0.0010859	1.00E-04
0.004	0	0.05313914	0.04038805	0.08011571	0.07095278	0.46095849
0.048	0.012	1.80438428	1.89580169	1.60726898	1.67718379	2.19792452
0.004	0	0.17271961	0.1602335	0.3027222	0.27613444	0.26368847
0	0	1.00E-04	0.07042227	0.02240008	0.03229427	1.00E-04
0.004	0.012	0.50057437	0.65699561	0.66031067	0.60242618	0.77019276
0.024	0.008	1.63324194	1.68149271	1.86429621	1.92187514	1.79944607
0	0	1.00E-04	0.03772563	0.01744034	0.01228107	0.14334112
0.012	0.008	0.84678157	0.99667468	0.88134108	1.01537159	1.26779811
0.016	0.016	0.39367795	0.66500847	0.59571524	0.61466684	0.15318598
0.591	0.512	5.32438666	5.38835273	5.87139387	5.79754116	5.59966326
0.111	0.119	0.08381201	0.29549518	0.20064587	0.22261278	0.81728673
0.083	0.041	4.68483979	4.54066281	5.40090703	5.38552743	3.05507339
0.004	0	1.62201008	2.13986216	1.74167022	2.17274106	1.62563231
0.163	0.18	2.93276911	2.98948802	3.1105506	3.28386003	3.10432697
0.028	0.02	3.06084919	2.94388525	3.56880599	3.6815363	2.60961531
0.004	0.012	2.23312424	2.38798749	2.12812797	2.4077679	3.18592574
0.091	0.102	4.00492927	4.02664737	3.57992206	3.84501232	3.9941167

0	0.004	0.02800455	0.16510416	0.01684953	0.02515891	1.00E-04
0.036	0.078	4.98188685	4.91654329	4.25783447	4.46002549	2.11603485
0.004	0	0.85701029	0.86622141	0.92400833	1.03528926	2.09541793
0.008	0.029	0.7037333	0.97874631	0.55354049	0.91109225	0.40658198
0.063	0.033	2.42990783	2.40271872	2.31612772	2.43304545	1.42949232
0.028	0.008	0.69054921	0.94788221	0.64116968	0.74241376	1.00E-04
0	0	0.11477937	0.18071371	0.08114319	0.07270963	0.13206527
0	0	1.00E-04	0.0296635	0.04312219	0.03858358	1.00E-04
0.313	0.262	4.63214542	4.6838928	5.01683971	5.02151207	4.43902413
0	0	0.10845134	0.09637736	0.0456676	0.07282253	0.12636153
0	0.004	0.01100307	0.01743463	0.03825341	0.06361399	0.05681065
0.004	0.004	2.44687249	2.10759945	2.33125203	2.36607683	1.04069435
0.198	0.246	3.82661629	3.90969437	3.62071577	3.76375779	3.98913848
0.079	0.07	3.10436486	3.16859816	3.11602786	3.32234892	2.8603402
0.02	0.012	2.17874552	2.14313802	2.23128883	2.31336567	2.34043965
0.071	0.041	1.77181821	1.87123421	1.87081379	1.96346977	2.11172127
0	0	0.00911194	0.00523201	0.00859009	1.00E-04	0.03844659
0.036	0.045	2.11137248	2.09523869	2.28992116	2.37450517	2.49816645
0.262	0.258	3.99889593	4.12341251	4.70294053	4.68371428	4.25579048
0.048	0.037	1.94508011	1.86028555	1.51890352	1.7947911	1.84813096
0.06	0.033	1.00E-04	0.05200278	0.11141228	0.11360263	0.11862465
0.591	0.549	4.98438929	5.1461602	4.73362601	4.94095234	5.11709826
0.262	0.266	4.30417627	4.34151912	3.87143838	4.06300982	4.31250801
0.063	0.066	4.38829349	4.36279357	4.09832288	4.21089628	3.47367777
0.667	0.668	5.39098464	5.64143743	5.15137266	5.2458674	5.4255853
0.052	0.049	4.89503168	4.68549894	4.5461754	4.5960696	4.31476597
0.052	0.07	4.67788742	5.34129198	4.35407934	4.71318296	4.3861891
0.028	0.016	3.72462814	4.20964417	3.44442305	3.46507387	4.7111737
0.032	0.004	0.72454452	0.88299202	0.29039998	0.45473998	0.49952311
0.004	0.004	0.09724467	0.35829822	0.16455664	0.25021228	0.24817505
0.04	0.049	1.30686896	1.5418761	0.81607258	1.00133715	0.52882788
0.012	0.004	0.0735465	0.13163664	0.08131461	0.20391497	1.00E-04
0.643	0.602	4.53236115	4.71699403	4.45087555	4.66860229	4.75728359
0.421	0.377	4.50694367	4.71634546	4.12653654	4.19557308	4.6137078
0.008	0.004	0.41699671	0.49432287	0.3850185	0.55565272	0.14567639
0.008	0.008	1.7049852	1.95103344	2.17216801	2.3876096	1.04811391
0.179	0.131	3.98781066	4.25176185	3.71063275	3.8373476	4.11786477
0	0	0.19437167	0.29411389	0.11342787	0.1216131	0.27345352
0	0	0.18578608	0.20169247	0.20711671	0.31433968	0.38271525
0	0.004	1.21166	1.25013746	1.14638666	1.23839678	0.83427024
0.004	0	0.10337126	0.41737334	0.15356334	0.22374942	1.00572816
0	0	0.19806371	0.11927193	0.06151776	0.09992854	1.00E-04
0	0	0.10469547	0.27611006	0.09081054	0.20200957	0.06430658

0	0	0.05045503	0.11298586	0.08180295	0.08706597	0.04510021
0	0.008	1.27467452	1.74632047	2.04124971	1.92423512	1.56954235
0.008	0.004	0.14853938	0.1345996	0.11564735	0.14526518	0.68379852
0	0	0.00666139	0.06025458	0.01838699	0.00924375	1.00E-04
0.004	0	1.66180866	1.83145307	1.11754014	1.55919045	0.42982418
0.016	0.016	1.88060947	2.72145712	1.54282849	1.58000168	3.03857929
0	0	0.0286495	0.01176452	0.00964709	0.02484592	1.00E-04
0.004	0	0.0433009	0.06152851	0.01966043	0.04595892	0.10490025
0.004	0.008	0.02972446	0.14256366	0.24312607	0.28575391	0.04209384
0.032	0.045	2.41661989	2.51760057	3.03145725	3.02831205	1.95126792
0.004	0	0.39837207	0.46864325	0.51423393	0.58549965	0.26596396
0.008	0.004	0.81851402	0.92024737	0.87349316	0.82700398	0.81136342
0.004	0.004	0.28430998	0.33234233	0.56784836	0.70886823	0.72820076
0.087	0.078	2.5965738	2.68444235	2.48154774	2.43008366	2.33317536
0.115	0.082	2.23334649	2.30864173	2.00476691	2.38064482	2.46546068
0.032	0.057	2.74726298	2.81784812	3.13753646	3.05849013	2.9680853
0.024	0.016	3.08046067	3.23981865	2.74043541	2.97510443	1.92170249
0	0.004	0.01984206	0.05813063	0.07524432	0.07224912	1.00E-04
0	0	1.00E-04	1.00E-04	0.01552572	0.00611241	1.00E-04
0	0	0.01354371	1.00E-04	0.00426058	1.00E-04	1.00E-04
0.008	0.008	0.79020634	0.78772702	0.90306829	0.97245429	0.50694442
0	0	0.09404728	0.17684608	0.03303851	0.05065703	1.00E-04
0.258	0.287	3.86956935	4.03103789	4.12700534	4.18813027	4.01027255
0.548	0.619	5.37136362	5.49301152	5.13441839	5.30932294	5.60771326
0.198	0.115	3.98505684	4.09320014	3.78862176	3.8718132	3.99668421
0.016	0.053	3.03847679	3.63743616	3.03549183	3.26662394	4.13648852
0	0	0.10737285	0.11416369	0.12147053	0.12686753	0.04927424
0.008	0.029	0.17843773	0.31837919	0.23225848	0.24704187	0.10560687
0	0	1.00E-04	0.02252365	0.03157559	0.02542267	1.00E-04
0.313	0.279	4.98303894	6.67980064	4.82337277	5.23658431	5.54958304
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.05961926	0.12220375	0.06020742	0.06390484	1.00E-04
0	0	0.13096338	0.12575037	0.08183794	0.14759354	0.08868166
0.083	0.061	2.13790196	2.16834105	2.56147896	2.52175897	2.16414369
0.187	0.102	3.12044041	3.28329595	3.07693102	3.1585999	3.4345029
0.159	0.164	2.38466177	2.72306309	2.33111223	2.48104352	2.58584176
0	0	0.14929212	0.00792476	0.04699877	0.04876392	1.00E-04
0.004	0.004	0.16466531	0.46249092	0.25326964	0.33155357	0.29037442
0	0.004	0.0528634	0.32287636	0.19779672	0.32814218	0.13915669
0.016	0.02	1.30238928	1.28238243	0.47736643	0.71831055	1.11086273
0.591	0.611	5.10593051	5.2982533	4.79386076	4.95460037	5.20512864
0.329	0.324	5.56536191	5.78873931	5.11844202	5.23085194	5.77179017
0.032	0.025	0.8608219	1.12995497	0.804908	0.76230429	1.55757893

0.159	0.152	3.37159459	3.43540359	3.99205078	3.99594761	3.72558379
0.016	0.008	1.1966717	1.11536316	1.16806541	1.36627212	1.11214147
0.107	0.098	2.9514728	3.12186959	2.99926873	3.16830926	2.99348035
0.06	0.082	3.00648266	2.79191794	2.87868678	2.94039526	2.55318575
0.187	0.184	3.97760281	3.9458639	3.78903417	3.92985119	3.81658441
0.25	0.287	3.83515659	3.87238552	3.44804108	3.62396415	4.08778904
0.016	0.012	0.50360058	0.69842134	0.60557189	0.85660977	0.90161367
0.198	0.209	4.2030883	4.42431462	3.86250262	4.08185403	4.15151254
0.056	0.107	3.33508972	3.4478113	3.05400112	3.25168276	3.5754006
0.024	0.004	3.26518919	4.60997013	4.61288214	2.49654719	4.16344673
0.036	0.029	1.84978728	1.92144457	1.94319744	2.14291348	2.36746426
0.004	0	0.14213476	0.06833674	0.02320426	0.05100559	0.05801993
0	0.008	0.16839999	0.18419618	0.22964189	0.21685132	0.345476
0.071	0.037	1.97215129	2.00888703	2.3619198	2.37219933	2.14502551
0.23	0.16	5.01758551	5.0763768	4.85603718	4.80260487	4.76015511
0.198	0.225	3.5787865	3.76506008	3.9307871	3.95305242	3.96462397
0.187	0.176	3.43497703	3.47841879	4.03539406	3.89058523	3.55630638
0.274	0.254	3.86817283	4.09992527	4.64661285	4.59315155	4.00964396
0.187	0.18	4.3664125	4.44891182	3.9035572	4.14896195	3.99255847
0.024	0.008	1.24401637	1.11776023	1.30290052	1.48525855	1.4141675
0.171	0.127	3.75197838	3.82302721	3.39710537	3.57318555	3.78205371
0.238	0.217	3.54753727	3.63427615	3.58013984	3.63908539	3.72681251
0.024	0.004	0.0648154	0.55137035	0.54003999	0.51838509	0.09760347
0.012	0.029	0.88346398	1.13558255	0.50334157	0.60232755	0.25072443
0	0	0.46966388	0.48157415	0.25109323	0.30795385	0.27526247
0.012	0.008	0.46566009	0.59301595	0.73326938	0.62816065	0.20390015
0.004	0.004	0.10688686	0.16374371	0.17294273	0.23905374	0.23957859
0	0	0.19094781	0.11534149	0.07712947	0.08219881	0.06680433
0.29	0.217	3.79609727	3.88037266	4.21433674	4.10102978	3.83991586
0.06	0.049	2.54260567	2.34372809	2.51711289	2.60832452	2.49242303
0.063	0.049	3.41557095	3.21537826	3.53913855	3.61453638	3.35465167
0.008	0.008	1.66731899	2.00003343	1.62421314	1.79561031	1.63289236
0.087	0.061	2.43770844	2.50309866	2.33015621	2.49077742	2.42071302
0	0	1.00E-04	1.00E-04	1.00E-04	0.01362327	1.00E-04
0.294	0.32	3.51118747	3.55577544	3.31506342	3.48585976	3.09635234
0.583	0.484	3.55169863	3.86473715	3.39908655	3.52845535	3.66184692
0	0	0.42354144	0.55649449	0.29335197	0.48960838	0.12342203
0.298	0.324	3.84934043	4.16690217	3.91242414	3.97820858	4.10131754
0.417	0.361	3.76956901	3.94394012	3.81552838	3.92443161	4.19011748
0.119	0.098	2.31823005	1.88623795	1.69833921	2.01449781	2.05678457
0.071	0.07	2.95803006	3.1053128	3.59763997	3.60272383	3.23764106
0.369	0.344	4.36624784	4.56239312	4.44278447	4.44634338	4.56704894
0.012	0.029	1.20256759	1.12097246	0.98627478	1.05249955	1.12177291

0.048	0.029	1.99932055	1.93232241	2.69993209	2.69565996	2.4900319
0	0	0.21985355	0.20917941	0.08175137	0.13716102	0.18239716
0	0	1.00E-04	1.00E-04	1.00E-04	0.00784247	1.00E-04
0	0.004	0.8140596	0.57853698	0.88140579	0.83934627	0.33012328
0	0	1.00E-04	0.01090143	0.00253452	0.00170567	1.00E-04
0.004	0	0.28657116	0.29744186	0.11968904	0.12609411	0.05916025
0	0.008	0.15768455	0.22369178	0.10994237	0.12724139	0.36681814
0.313	0.332	5.0157311	5.07133615	4.62755584	4.81649918	5.06665583
0	0	0.17350544	0.21698866	0.17667063	0.17071517	0.14994081
0.143	0.193	3.29023501	3.27918183	3.75851505	3.79934394	3.44514281
0.246	0.303	3.79881685	3.81091707	4.094091	4.01810128	3.86296829
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.5317062	0.93077181	0.46711955	0.49640357	0.57183047
0.012	0.016	0.23660294	0.0546243	0.10348559	0.11446395	0.12245745
0.004	0.008	0.31230369	0.29969581	0.18346642	0.24984813	0.671781
0.028	0.041	2.43538183	2.93660175	2.11399891	2.79789103	3.00582708
0.016	0.012	0.11302193	0.12921909	0.03722281	0.05804181	0.14620705
0	0.004	0.18687623	0.49995721	0.16682894	0.29970766	0.1290601
0.016	0.004	0.37011689	0.29014533	0.27365784	0.35108117	0.26606162
0.083	0.086	3.14759006	3.2219436	3.540331	3.5741667	3.40169313
0	0	0.23742842	0.13064786	0.14266089	0.19357134	0.4013935
0	0	0.95684797	0.74691714	0.3020215	0.37523216	0.47403246
0.032	0.033	1.5248757	1.78371074	2.06925993	1.99434024	1.88462791
0.286	0.291	3.63667315	3.54278117	3.97422237	4.10700413	3.58166377
0.742	0.709	4.67751839	4.83612246	4.45296282	4.49870522	5.15803486
0.02	0.037	1.08242147	1.22792202	0.73512976	0.89385179	0.59648182
0.155	0.152	2.73120384	2.78640099	2.49625762	2.70497269	2.84015158
0.333	0.238	4.82007771	4.88592347	4.75590389	4.75432669	5.08846998
0.234	0.217	4.09021817	4.02433379	4.0598534	4.11134515	4.02890295
0.337	0.34	4.27936099	4.31438704	5.00631675	4.88668904	4.4346479
0.103	0.094	3.07590385	3.32877938	3.03675165	3.39569349	3.14614716
0.063	0.041	2.66715384	2.62734087	2.85045206	2.97136177	2.5003394
0.028	0.033	1.41969301	1.58614877	1.89758349	1.99003092	1.5465526
0.123	0.127	4.42749905	4.26451876	5.20566532	5.09310287	4.37901195
0.242	0.262	4.04060599	4.4263298	3.82033002	3.96523235	4.28935082
0.004	0.012	0.04893728	0.0377699	0.0549308	0.02431893	1.00E-04
0	0	1.00E-04	0.01304759	0.00663518	1.00E-04	1.00E-04
0.794	0.779	1.03133393	1.21051581	1.05335733	0.97768246	1.57003245
0.147	0.111	4.93726273	5.08609205	5.26914304	4.76214471	5.22566802
0	0	0.03999502	0.10379348	0.03382906	0.02787023	0.11641855
0.008	0	0.2582851	0.30657432	0.34086975	0.4552311	0.08734591
0.107	0.094	3.29128134	3.49742281	3.53283069	3.10841968	4.29093998
0	0	0.05942524	0.09766857	0.0782464	0.06833528	0.20524949

0	0	0.14158342	0.19414887	0.14593836	0.14756576	0.17510963
0.004	0.004	0.95702341	1.18276823	0.63511395	0.90956238	2.22361343
0.52	0.549	5.38183003	6.02072653	5.07364723	5.25874725	6.34698097
0	0.004	0.72099378	1.94673363	0.90859433	0.91073719	1.21173282
0	0	0.01099643	0.06181908	0.02770456	0.04911608	0.24212878
0.071	0.053	2.08856774	2.14924429	3.12459954	2.96696183	2.38120454
0.004	0.008	0.34929783	0.33272131	0.17037499	0.22982268	0.46646158
0	0.004	1.71436099	1.732261	1.43286606	1.47550729	0.40154211
0.004	0.008	2.47724381	2.69730856	2.26406925	2.16769543	1.49814093
0.21	0.164	2.51823136	2.67506097	2.90144659	2.8685857	3.32758946
0.226	0.246	3.69284603	3.5326078	3.87502165	3.80696813	4.04637813
0.044	0.037	5.32038612	5.4439896	4.84837793	5.04604521	5.27574514
0.056	0.02	1.84714484	2.11732836	1.86656983	2.04914711	1.93344909
0.536	0.545	2.48777781	2.76929793	2.7794461	2.99828921	3.18512097
0.004	0	0.30356791	0.37691771	0.28450706	0.31154409	0.89513004
0.313	0.32	4.30800309	4.53967677	4.10061958	4.38805582	4.52576955
0.004	0	0.33820456	0.17556617	0.24303127	0.25354234	0.45005949
0.067	0.057	2.91374411	2.88131861	2.51725843	2.67755459	2.2620569
0.099	0.148	3.33819902	3.25717188	2.93742492	3.25839107	3.44856699
0	0	0.06231231	0.10833806	0.08495828	0.1095763	0.55362605
0	0	0.80753641	0.79040645	0.7937743	0.8234091	0.85071179
0.202	0.189	4.20580057	4.26493075	3.96736271	4.21159975	4.22590597
0.361	0.283	4.40642914	4.65840963	3.94905193	4.14673616	4.60574235
0.175	0.176	3.34818106	3.28075433	3.55518216	3.57242196	3.51870693
0	0	0.02452463	0.06066892	0.01455836	0.04767849	0.38579186
0	0	0.07195466	0.06680005	0.05821109	0.04411017	0.37799587
0	0.004	0.4219359	0.8531064	0.40161978	0.42872501	0.46851215
0.631	0.586	5.809792	5.99361634	5.39730634	5.56125846	5.98396227
0.19	0.238	4.8586713	5.1018836	4.75591131	4.83356395	4.61336073
0.337	0.344	4.89387057	5.13148167	4.60766443	4.89309164	5.05077077
0.583	0.602	6.21671718	6.56856702	5.746903	5.80631634	5.55340909
0.091	0.07	2.76836193	2.9641985	3.15530259	3.1858485	2.73070196
0.04	0.025	1.85954951	1.57869619	1.71586986	1.71976531	2.08896439
0.115	0.143	2.15893704	2.58442272	2.20743268	2.44244992	2.3385089
0.083	0.094	2.28487495	2.36797611	2.53366764	2.66185561	2.5341867
0.091	0.102	2.91870216	3.0451427	2.90039498	2.99529225	2.92253257
0.032	0.016	1.30240161	1.45519539	1.26902393	1.51906094	1.64997
0.159	0.168	2.51991012	2.63136066	2.94537192	3.03114729	2.60002797
0.056	0.061	2.04805993	2.11172749	2.74647218	2.5637983	2.42517274
0.103	0.107	3.09698272	2.93173212	3.72542777	3.6253725	3.08653634
0.111	0.127	2.70717744	2.74669071	3.50396031	3.39164296	2.95719135
0.151	0.156	3.51653217	3.63876047	3.91008377	3.96917018	3.41683566
0.079	0.102	2.51985176	2.56934533	2.94777419	2.96854755	2.79459418

0.067	0.078	1.9933406	2.13806513	2.25120842	2.31679825	2.32121399
0.028	0.037	1.04212242	1.29023867	0.74858343	0.84262579	1.59244461
0.306	0.344	4.86568036	5.59291615	4.40467859	4.76662689	4.98127041
0.214	0.189	3.61524155	3.85017416	3.34074466	3.40804876	3.69005271
0	0.016	0.19424921	0.08234677	0.19702457	0.31270551	0.2432516
0.032	0.033	2.44949058	2.31773772	2.53385067	2.63307246	2.09286431
0.048	0.045	2.82958328	2.94131307	2.59154501	2.82227173	2.55265421
0.004	0.008	0.15335812	0.38174042	0.19120014	0.23795323	0.17714356
0.012	0.012	0.85219285	1.12914807	0.56490694	0.79277434	0.43460624
0.23	0.209	4.42224541	4.52420567	4.01139714	4.24679666	4.48603598
0.008	0.004	0.07502784	0.4029467	0.12559324	0.18580627	0.31057253
0.135	0.127	2.78886142	2.87725178	2.7780623	2.98570249	3.05273424
0.135	0.131	3.13778664	3.1094901	2.78876517	2.95469484	3.77463852
0.786	0.689	5.40293232	5.51910078	5.12598911	5.12635499	5.57230509
0.032	0.025	0.85261388	1.39387181	1.20536346	1.45095144	1.42823934
0	0	0.03149726	0.15772357	0.08053121	0.07125541	1.00E-04
0.02	0.029	3.22582866	3.46118196	3.42524759	3.322827	3.11576928
0	0	0.74550507	0.79217646	1.06737004	1.05222375	0.50024051
0.04	0.107	5.56052384	5.96922143	5.46031646	5.35327182	4.91383073
0	0	1.00E-04	0.00532289	0.0012132	1.00E-04	1.00E-04
0	0.004	0.43452714	0.7152282	0.48584559	0.4623121	0.94274626
0.052	0.045	0.28238885	0.74788657	0.66952662	0.5651322	0.35327515
0.004	0	0.63682337	0.21481018	0.28250855	0.23050175	0.69635726
0.032	0.02	0.20201591	0.39792706	0.41376853	0.53917238	0.57172346
0.008	0	0.09180435	0.50053716	0.21684716	0.36273187	0.53900409
0.004	0.025	2.63681626	2.30172537	1.38332148	2.12430155	1.1143993
0	0	1.00E-04	1.00E-04	0.02137088	0.0242253	1.00E-04
0.012	0.004	1.80053882	1.78519389	1.694119	1.96175505	1.56454491
0	0	1.00E-04	0.0125628	0.01444464	1.00E-04	1.00E-04
0.004	0.004	0.5894886	0.39567163	0.23759762	0.32847543	0.241413
0	0	0.58439237	0.48917814	0.54195687	0.42796084	0.4267354
0.008	0.025	1.38370966	1.55140396	1.09988086	1.27653547	0.92224687
0.032	0.037	1.98201832	2.20512166	2.22694566	2.35273386	2.20701269
0.044	0.057	2.29668028	2.59019044	2.9965759	2.87734172	2.3327564
0.004	0.012	0.94710838	0.90946169	1.14844754	1.36109502	0.8975977
0	0	0.08238913	0.17963605	0.08101357	0.31095829	1.00E-04
0	0	1.00E-04	0.02538097	0.020086	0.00845585	1.00E-04
0.048	0.029	0.83529853	1.14520539	1.03301333	1.26465887	1.15134888
0.524	0.348	7.22516809	7.17597586	7.79540922	7.72388436	6.70234705
0.56	0.336	6.42172842	6.7716592	7.56382214	7.40733824	6.48943366
0.004	0	1.00E-04	1.00E-04	0.00391535	1.00E-04	1.00E-04
0	0	1.00E-04	0.01858724	0.03777263	0.03620837	1.00E-04
0	0	0.138397	0.2413878	0.16757209	0.24398619	0.13492693

0.02	0.045	1.47957716	1.50241923	1.74119366	1.95739958	1.7080854
0.123	0.176	0.58595699	0.69877442	0.79442238	0.7550257	1.8977586
0.012	0.016	0.08892354	0.15458311	0.18682871	0.14950141	0.84529022
0.032	0.008	1.36448551	1.49887481	1.84539362	1.80686073	1.68041836
0	0	0.11923099	0.22032471	0.13088081	0.22041339	0.18115483
0.694	0.635	5.56457471	5.70686252	5.19765098	5.3321288	5.52466984
0.143	0.131	3.41176496	3.5417629	3.37010116	3.50097077	3.51604221
0.103	0.078	2.51303938	2.55427937	2.98418934	2.91852992	2.60472115
0.012	0.012	1.81606376	1.64790563	2.17469576	2.13882919	2.09924172
0.163	0.123	2.75986871	2.63086585	3.23416179	3.34379727	2.49081833
0	0	0.01060785	0.00494704	0.01304146	0.05991663	1.00E-04
0.246	0.246	1.3687367	1.54378669	1.46850049	1.42149021	1.39801856
0.294	0.303	4.88513455	4.84668431	4.19164327	4.32909615	4.85005627
0.056	0.098	2.4422076	2.47507144	2.8276775	2.83885023	2.6754474
0.044	0.037	2.58239278	2.70460994	3.01583919	2.98473709	2.2003502
0	0	0.17554137	0.07157208	0.06018216	0.07383906	1.00E-04
0.698	0.725	5.65540445	5.7932761	6.03310993	5.69216876	5.67760431
0.036	0.053	2.19409396	2.44560881	2.703454	2.35563576	2.7520198
0.016	0.012	0.95124347	1.00464212	0.87974008	0.87623353	0.2777553
0.004	0	1.00E-04	0.02340977	0.15223464	0.05910402	1.00E-04
0	0	1.00E-04	0.04444612	0.06511311	0.07206828	1.00E-04
0.135	0.209	3.87921708	4.24960357	4.26837594	4.24588031	3.8365271
0	0.004	0.75438589	0.39186725	0.29502105	0.33038809	0.26410057
0	0.008	2.01621446	2.01328563	1.80534043	1.97506875	1.88849929
0.099	0.086	2.95341896	2.95303662	3.0816615	3.2062973	3.01238807
0.242	0.283	2.11501141	2.26260247	2.16475791	2.26973466	2.19541919
0.202	0.221	4.52781427	4.6802912	4.0082504	4.33373926	4.5345352
0.107	0.131	2.13120529	2.00798343	1.97822083	2.04137818	3.13266433
0.071	0.066	2.72685396	2.98893994	2.82913132	2.97269623	2.81189299
0.429	0.451	4.90996548	4.96732914	4.82993383	4.92763462	4.90602463
0.091	0.111	3.05233573	2.96777107	3.74102183	3.68824744	3.2521934
0.206	0.197	4.1199294	4.3835629	3.74161232	3.95128247	4.09857561
0.079	0.086	2.92787436	2.95231141	2.84044415	2.9441417	2.76026689
0.056	0.045	2.62134755	2.50898051	2.98330013	2.88092615	2.42922946
0.067	0.074	2.16332636	1.98553888	2.01939563	2.20316894	2.10007215
0.036	0.012	1.41193142	1.63281962	1.56088271	1.81675633	1.67189052
0.012	0.004	1.9966741	2.4720008	2.25307128	2.07582303	1.92126427
0	0.008	1.00E-04	1.00E-04	1.00E-04	0.00207067	1.00E-04
0.313	0.381	5.13134499	4.8976022	4.19379872	4.44037309	4.56775315
0.222	0.184	3.54842965	3.74225604	3.139951	3.39070762	3.64982484
0.052	0.037	2.75067876	2.88844888	3.5310038	3.4158501	2.6536089
0.04	0.016	2.34512076	2.44204939	2.79470224	2.80799332	2.01980449
0.647	0.533	4.51448407	6.13120931	4.58566011	4.64282219	5.59155156

0.032	0.029	2.86481145	2.86361142	2.8199197	2.78466798	3.61920318
0.008	0.012	0.99007991	0.84194089	0.93614065	0.96062491	0.94776503
0.02	0.008	2.21708488	2.17752409	2.11568583	2.23127343	2.37271343
0	0	0.08113006	0.18871106	0.21350318	0.22572296	0.12284964
0.004	0	0.10843088	0.01661425	0.03182017	0.01112073	0.06965089
0.004	0	1.00E-04	0.06034297	0.05966762	0.07239986	1.00E-04
0.266	0.328	3.41405289	3.55879981	3.59023907	3.66490901	3.67323986
0.127	0.07	4.611613	4.66852769	4.11616216	4.3676546	4.67943165
0	0	0.14418851	0.16912619	0.11288957	0.12422307	0.22855874
0.016	0.012	1.21863004	1.14260657	1.58726929	1.4739446	1.22144717
0.266	0.217	5.2525718	5.40603339	4.88498942	5.20738964	5.14697617
0.452	0.422	4.60768519	4.77544205	4.20711645	4.42327155	4.6612103
0	0	0.03057695	0.0601654	0.03601781	0.03029836	0.04116662
0.02	0.025	4.32737136	4.20922445	3.91877203	4.3465905	3.8794178
0.063	0.066	2.83910942	3.06452319	2.65515052	2.93224654	2.82773712
0.004	0.012	1.95181139	1.674	1.80802998	2.18570916	1.82100745
0.028	0.025	2.73672369	2.89698687	2.64044464	2.80072301	2.85489305
0.008	0	0.4824312	0.28574371	0.2561474	0.3003956	0.67299619
0.004	0	1.00E-04	0.00429371	0.03246259	0.01185057	1.00E-04
0.083	0.07	2.459962	2.36016767	2.34008565	2.53323251	2.52266111
0.004	0.045	1.64796323	1.5028476	1.56749947	1.69057241	1.95012037
0.004	0.004	0.16271486	0.59771792	0.23692843	0.31453527	1.41903879
0.067	0.045	2.07865893	2.02550811	2.03950219	2.10166468	2.37365965
0.155	0.127	2.90006512	3.1169279	2.69031378	2.97202921	3.01611409
0.044	0.057	1.79900478	1.98417055	1.79361454	1.90582655	1.66647646
0.004	0.004	0.84863739	0.96471255	1.1266097	1.07934916	0.89963686
0.052	0.041	3.08972618	2.68477133	3.26147515	3.52382657	2.66050694
0.238	0.221	3.84651106	3.85628928	4.51391008	4.47408689	3.84694094
0.004	0	1.00E-04	0.03698351	0.01137695	0.01593844	1.00E-04
0	0.008	1.62464577	0.56670442	0.40348903	0.47391286	0.1691056
0	0	0.00819058	1.00E-04	0.01550995	0.00798019	1.00E-04
0	0.004	0.00699995	0.02346877	0.0646498	0.01918047	0.17418589
0.004	0	0.37618261	0.29489957	0.19252655	0.29668404	0.13924453
0.036	0.029	0.06309416	0.06552855	0.0568673	0.07475892	2.04637098
0	0.004	1.00E-04	0.00576632	0.04274091	0.03920534	0.11011473
0.286	0.287	5.00344998	5.4173454	4.71269087	4.8367477	5.08192499
0.246	0.238	3.81287075	3.94901302	3.44062265	3.68453407	3.95499964
0.016	0.02	0.09409629	0.12069376	0.10273177	0.13234484	1.00E-04
0	0	0.18736025	0.15438286	0.14709817	0.17547073	0.40662602
0	0	0.43176565	0.73175171	0.35172539	0.41561876	0.32723532
0	0	1.00E-04	1.00E-04	0.00951483	1.00E-04	1.00E-04
0	0.004	0.25046183	0.35898494	0.13391447	0.24920375	0.60730309
0.004	0.008	0.22100756	0.07474693	0.11233083	0.10881747	1.00E-04

0.004	0.008	1.70871221	2.64472063	1.70845675	1.65627817	1.80781754
0.75	0.676	5.74874336	5.93512013	5.35656343	5.56610747	5.68206701
0.095	0.078	3.01800862	3.19875494	3.85574226	3.78848837	3.24307126
0.052	0.057	2.24905135	2.13617093	2.44011098	2.52381641	1.98499847
0	0.008	0.08880947	0.20994969	0.09068214	0.13389483	0.13740303
0.222	0.221	3.71138249	3.68925861	3.79404212	3.91703044	3.64525021
0	0	1.00E-04	0.02563331	0.01976067	0.03052663	1.00E-04
0	0	0.23982046	0.31635132	0.19186998	0.26028583	0.30670724
0.004	0	0.04125398	0.13658651	0.06464293	0.1382313	0.06023342
0	0	0.01675031	0.03524459	0.01772856	0.04178721	1.00E-04
0	0	1.00E-04	0.00387685	0.01004284	0.01240901	1.00E-04
0	0	1.00E-04	0.02429716	0.00723987	0.00973283	1.00E-04
0.012	0.016	0.15659439	0.87593836	0.89598721	0.84400364	0.30822973
0.036	0.033	0.76590216	0.56456366	0.24604182	0.3046899	0.8467905
0.067	0.082	0.73061623	0.76464712	1.05201513	1.33895438	0.69331706
0.06	0.082	2.30850678	2.50701304	1.96493389	2.22644553	2.24437794
0.008	0	0.31284558	0.60989992	0.40224906	0.6406052	0.46082696
0	0	0.16612137	0.46807095	0.25409805	0.3151543	0.0760907
0	0	1.00E-04	0.04111263	0.03400418	0.06561822	1.00E-04
0	0	0.15833216	0.19721996	0.56858364	0.39343034	0.14086871
0.028	0.012	1.34770924	0.75736603	0.46103755	0.61266582	1.85574376
0	0.004	0.54407547	0.2806819	0.21896293	0.20056459	0.04977191
0.032	0.02	1.89951844	1.81856803	2.44795522	2.40189197	1.91905244
0	0	0.06061498	0.14785915	0.13188285	0.19537226	1.00E-04
0.139	0.168	3.22610197	3.32735343	3.3603846	3.48805529	3.40625157
0.464	0.43	4.87890202	5.15729765	4.5532459	4.68690093	5.15460867
0.123	0.094	2.80531262	2.89554095	2.39177344	2.64212261	2.94764038
0.087	0.078	2.37611827	2.32664361	2.33583159	2.47412156	2.30623626
0.02	0.033	1.16817917	1.25202777	1.51411677	1.51128356	1.55152791
0.083	0.127	1.84597849	1.93384475	2.48766228	2.43876061	2.3128155
0.175	0.193	3.11274323	3.07343241	3.57773453	3.52732504	3.35254047
0	0	1.00E-04	1.00E-04	0.00671095	0.00268099	1.00E-04
0.04	0.049	2.25960803	2.32500813	2.68098084	2.77462493	2.45249991
0.004	0	0.42759736	0.41347856	0.40809379	0.48596096	0.31651813
0.127	0.098	3.35734063	3.46816001	3.27387605	3.46237283	3.22294672
0.056	0.016	4.40883617	4.08118101	4.21503718	4.34618757	4.87426987
0.139	0.156	2.96377214	2.98378736	2.76887608	2.85005942	3.1429617
0.119	0.139	3.77605919	3.48733204	4.17318043	4.12144146	3.57515621
0.377	0.328	4.32976131	4.38836523	3.94017199	3.92987315	4.09163588
0.016	0.016	2.66257689	2.78937225	2.7679857	3.07113635	2.63636782
0.024	0.016	0.97191154	0.82506227	1.16477605	1.25491111	1.07582083
0.056	0.066	2.04006695	3.47007249	2.19305164	2.7583261	2.45952005
0	0.008	0.8486591	0.93115736	0.97979079	0.94547648	0.88645044

0.075	0.053	2.03359053	2.14581341	2.14773322	2.17919531	2.01141511
0	0	1.00E-04	1.00E-04	0.00140033	1.00E-04	1.00E-04
0.044	0.061	2.33110224	2.6723164	2.04159972	2.34222608	2.3248049
0.032	0.07	2.13711171	2.0917805	2.14612307	2.26141391	2.33318987
0.008	0.004	0.95441577	1.23428454	0.99109493	1.13910772	0.61925709
0	0	0.33990903	0.09723564	0.09591746	0.13966359	0.19727785
0.004	0.004	0.59336866	0.58912133	0.80077315	0.90136082	0.71370407
0.246	0.254	3.52207606	3.85103813	3.38612219	3.5618304	3.6165429
0	0	0.75326029	0.62904884	0.35088156	0.46052702	0.36107317
0.095	0.131	2.64894067	3.19167144	2.62953687	2.97210021	2.63802495
0.024	0.016	1.83690046	2.0523815	1.55432849	1.82171989	1.96070012
0.04	0.033	3.72895643	3.67297177	3.37574316	3.57889271	3.5175228
0	0.004	0.47158353	0.53506396	0.5596292	0.59089498	0.46935073
0.004	0.008	0.28076989	0.42211541	0.63795611	0.70049198	0.28705238
0.111	0.115	2.80537839	3.09921724	3.13638073	3.18745428	3.08119535
0.008	0.004	1.10558258	1.17664644	1.19651743	1.27891272	1.21752913
0	0	1.00E-04	1.00E-04	1.00E-04	0.00262848	1.00E-04
0	0	1.00E-04	1.00E-04	0.00497541	0.0039828	1.00E-04
0.163	0.16	3.79781441	3.81292002	3.76582129	3.71713199	4.01187999
0.004	0.012	1.09685102	1.26151911	1.65596163	1.6578858	0.22709261
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.00935551	1.00E-04
0.099	0.102	2.92216244	3.00351983	3.36163284	3.32565301	3.1063906
0.063	0.037	2.28029153	2.34865031	2.69571139	2.70738689	2.16756547
0.008	0	0.06443901	0.34149255	0.37649103	0.43708069	1.00E-04
0.167	0.172	4.10874318	4.04643002	3.96065674	3.8573908	3.82125642
0	0.004	0.16668351	0.46802122	0.53125265	0.67377881	0.11078889
0.028	0.049	0.67562932	0.69961193	1.35808693	1.10504643	0.79836055
0.083	0.107	3.03750513	3.03088415	3.12380173	3.22295228	3.24620361
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.03089227	0.87776244	0.89684953	0.89444477	0.41863005
0.123	0.135	4.25681566	4.52861977	4.06671541	4.12619748	4.67096464
0.337	0.316	4.54063349	4.5498311	4.63697687	4.5838495	4.81065377
0.127	0.139	3.28464402	3.25703917	3.92745624	3.87451599	3.482436
0.004	0.004	1.32008714	1.35416741	1.76466008	1.81854947	1.13477976
0.016	0.041	1.86797911	1.82953768	1.72776672	1.85676136	1.92087463
0.171	0.184	3.90447829	3.78676745	3.07639966	3.37660527	4.46416328
0.071	0.053	2.64913074	2.88553508	2.95743924	3.05593942	2.97700118
0.016	0.004	0.22268969	0.50360857	0.58387229	0.59730357	0.32481524
0.004	0	1.00E-04	0.01909551	0.04021417	0.03514428	1.00E-04
0.008	0	1.32148594	1.24555116	0.89934491	0.81902975	1.68587346
0.004	0	1.25519683	1.70918627	1.26604792	1.3452649	0.80269383
0.008	0	0.22129211	0.24413196	0.346204	0.34167053	0.31887387
0	0	0.91891363	0.86337459	0.77813789	0.92863454	0.65750043

0	0	0.01295534	0.07193413	0.01423304	0.05688027	1.00E-04
0	0	1.00E-04	0.00439553	0.03878029	0.02725783	1.00E-04
0.004	0	0.34497059	0.4469286	0.39265712	0.40283313	0.81233693
0.095	0.078	2.84585408	2.92883226	2.95428871	3.00226258	3.0850156
0.159	0.139	3.14268553	3.01842971	2.97171236	3.09204387	3.24540293
0.056	0.074	1.73237297	1.56748954	1.59826915	1.93629643	2.19137265
0	0	0.10421874	0.14681911	0.06187217	0.07948843	0.58413715
0.012	0.012	0.3024383	0.37656918	0.23276581	0.25205534	0.43521913
0.012	0.004	0.32813076	0.80601049	0.63156928	0.7214998	0.20856904
0	0	0.02661412	0.01877532	0.05505135	0.04194491	0.11674273
0	0	0.12941183	0.08347755	0.06137768	0.05686151	0.21867264
0	0	0.11127618	0.21670435	0.09496798	0.11435866	0.19825239
0.04	0.041	0.24357817	0.13312672	0.07038131	0.06320657	1.00906229
0	0	0.27901926	0.3927971	0.14966485	0.22025757	1.01476127
0	0	0.06629224	0.07990765	0.01936584	0.0246707	0.06972104
0.012	0.008	0.25390252	0.33584518	0.25855749	0.21489898	0.24693094
0.012	0.012	1.28514154	1.54158463	1.66733624	1.84174511	1.5145212
0.123	0.078	4.43480712	4.43150629	5.07946718	5.06460585	4.30716474
0.123	0.107	2.1769088	2.25080024	2.9386292	2.78744968	2.2748864
0.087	0.045	3.35970446	3.21115202	3.43841218	3.53550838	3.28206437
0.274	0.209	3.73025361	3.77172939	3.4221387	3.66574343	3.87724344
0.032	0.037	1.18948693	1.32953472	1.53689179	1.81816338	1.35597799
0.004	0.008	0.23873195	0.73557628	0.65325963	0.61071349	0.26115132
0.071	0.066	2.46914728	2.57242815	2.68288992	2.64301335	2.65125102
0.075	0.041	2.79006682	2.831444	2.56499994	2.79896064	2.75737599
0.052	0.066	2.54334945	2.53246539	3.05082056	2.96177987	2.51368608
0	0	1.00E-04	1.00E-04	0.00432373	0.01587446	1.00E-04
0.02	0.012	3.82648242	3.84240674	3.77162746	4.19916667	3.20895302
0.06	0.061	2.07189803	2.23982915	2.02034393	2.2301651	2.1007193
0.071	0.09	2.0535986	2.38126413	1.88528499	2.17338074	2.5201943
0.012	0.025	0.37429108	0.35687859	0.5329939	0.51044342	0.60043876
0.357	0.32	4.44345495	4.49559177	4.00371581	4.18731549	4.13308381
0	0	0.12147129	0.27352537	0.27719051	0.29156531	0.23192637
0.075	0.107	2.1705863	2.34922574	2.48005652	2.61883403	2.48874853
0.02	0.057	1.00724785	1.0701066	1.50105408	1.56821331	1.24685878
0.02	0.008	1.58028922	1.57319848	1.58070626	1.5850769	1.67738012
0.143	0.098	3.45639309	3.70362928	3.09086536	3.23404721	3.20844076
0.06	0.037	2.67635547	2.85299959	2.44983336	2.76271569	3.13481988
0.238	0.18	3.15913621	3.39536422	2.90560046	3.17904904	3.22668481
0.008	0.012	0.65807104	1.00191411	0.52400992	0.62092954	0.44626194
0.004	0.004	1.10337099	3.28193424	0.98828584	1.55316051	0.84709839
0.421	0.344	4.61703391	4.7364061	4.18197882	4.40231777	4.94066528
0.087	0.127	2.0067867	2.09925422	1.21902948	1.32352086	2.32475717

0.099	0.053	4.80043566	5.03992705	4.69075692	4.71908271	3.49296205
0.123	0.135	3.98852019	4.17138719	3.62192612	3.87254879	4.18269686
0.429	0.467	4.89890559	5.13101907	4.58644884	4.79068408	4.93500912
0.083	0.049	1.98434593	2.01756841	2.34096664	2.42990957	2.0728504
0.079	0.102	3.00122629	3.09157603	2.84480899	2.95123731	3.00651707
0.175	0.164	1.7188187	1.90118357	2.0965514	1.86271969	2.50419367
0.024	0.025	1.00E-04	0.05339174	0.01159092	0.04837243	1.00E-04
0.036	0.025	2.10759516	2.11073885	2.12300456	2.2441431	1.92311203
0.032	0.049	2.21731096	2.4448819	2.59236329	2.65132595	2.22338731
0.103	0.131	2.96783329	2.99266718	2.88450052	3.09893817	3.03184137
0.206	0.156	2.970735	3.01770476	3.04626217	3.1926309	3.19235133
0.004	0.012	0.81031892	0.7470478	0.86174619	1.01016848	0.90309767
0.028	0.02	1.61047861	1.72553973	1.97361287	1.98222093	1.45498153
0.012	0	0.14159898	0.28381507	0.12677647	0.19419964	1.00E-04
0	0	0.67140944	0.54764143	1.09354876	1.09972107	1.47088347
0	0	0.35461117	0.31349337	0.43494405	0.55703098	0.11888124
0.004	0.004	0.04354308	0.02765327	0.02174847	0.02004561	1.00E-04
0	0	1.00E-04	1.00E-04	0.00298499	1.00E-04	1.00E-04
0.742	0.795	5.89785512	5.80038909	6.99420885	6.7918584	6.38774864
0	0	1.03966031	0.62882266	0.49834055	0.52826403	1.00E-04
0.087	0.102	2.8461936	3.11729525	3.09189495	3.29332899	2.78598691
0.032	0.012	1.53967667	1.62738335	1.33993463	1.51003294	1.61940158
0.107	0.082	2.72215503	2.94531415	2.75347974	2.88344249	2.90617078
0.246	0.299	3.11453249	2.79789611	3.66827789	3.59864117	3.55595916
0	0	0.53191211	0.7719196	0.38842941	0.34481023	0.52227072
0	0	1.00E-04	1.00E-04	0.01093063	0.01684605	1.00E-04
0	0	0.2823934	0.14005027	0.1112962	0.08541462	1.00E-04
0	0.004	0.25364624	0.16635203	0.10073044	0.21281634	0.18836908
0.02	0.012	0.09274644	0.15816818	0.14817003	0.18323587	0.37400136
0.008	0	0.26385491	0.34080754	0.11618999	0.1693611	0.36995694
0	0	1.91555841	1.87639297	1.04897947	1.40813963	1.00E-04
0	0	0.39738086	0.29143623	0.26381082	0.25183401	1.27763913
0.004	0	0.06865385	0.1897226	0.09638346	0.13985103	0.24131035
0.012	0.004	0.21723351	0.13619249	0.47886642	0.48209935	0.3067356
0.004	0.004	0.02813376	0.2176024	0.21145574	0.191197	1.00E-04
0.099	0.09	2.7064917	2.83557893	2.82775128	2.8570568	3.1146837
0.159	0.172	3.46636768	3.31712786	3.02832171	3.14277849	4.07061456
0.016	0.016	1.1128798	1.23057533	1.58493937	1.54629872	0.99704055
0.032	0.049	1.17868213	1.6427705	1.2262	1.54209169	1.47657207
0.079	0.102	2.15624358	2.4855403	2.76284819	2.76841556	2.35811429
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.016	0.025	0.93396184	1.11231652	1.59056002	1.64040488	1.18303472
0	0.004	0.09162395	0.1460084	0.08792296	0.17484026	0.26859056

0.583	0.586	5.76265586	5.97889748	5.35848022	5.49796933	5.60182282
0.063	0.029	2.83732479	3.02022732	2.90914845	3.21778582	2.98175819
0.024	0.037	2.01663424	2.07735599	1.82336661	1.95368565	2.07916621
0.075	0.115	4.09642013	4.04566706	3.51567189	3.89626502	2.6953506
0.504	0.459	5.59265217	5.87404099	5.28177607	5.53844274	5.39429397
0	0	0.75386742	0.55401859	0.32957042	0.35089006	1.00E-04
0	0	0.8797848	0.97675687	0.37271321	0.39880479	0.83240174
0.167	0.148	3.25660698	3.21062449	3.17308117	3.28217468	3.03982004
0.25	0.189	2.94034164	3.02934782	2.59153964	2.90188855	2.94775057
0.298	0.307	3.94080262	4.00751246	3.8405178	3.97715305	4.02504763
0.048	0.033	1.98948378	2.13427065	2.45692145	2.46604997	2.12829937
0	0	0.22550641	0.29337245	0.14490537	0.19117445	0.38254461
0.044	0.049	1.63583805	1.6187121	2.2805937	2.15173722	1.85114676
0.06	0.053	3.69348861	3.84745062	3.43352709	3.63150479	3.38384144
0.508	0.525	5.34439096	5.57724186	5.09700294	5.22485785	5.41429282
0.004	0.004	0.30245672	0.36103086	0.28000602	0.35776675	0.16618762
0	0	0.41372755	0.25350653	0.18690143	0.17645214	0.07581056
0.036	0.045	3.3216313	3.55405354	3.39002175	3.69068401	3.27891368
0.004	0	1.00E-04	0.00571918	0.01255944	0.05044412	1.00E-04
0.175	0.23	3.0181973	2.99350225	3.02662629	3.1741818	3.25829424
0.139	0.111	2.99592458	2.91366277	3.09774725	3.22609974	3.32015814
0.004	0.008	0.49833005	0.47940549	0.51216176	0.55265887	1.37583792
0.187	0.135	3.0445368	3.06410329	2.92931048	3.09639117	3.22389524
0.024	0.033	1.24277018	1.43497924	1.59609323	1.59253431	1.44415792
0.25	0.152	3.25404319	3.47732486	3.16692256	3.44779172	3.29626311
0.095	0.078	2.33212103	2.27430071	2.13037574	2.44389921	2.30781282
0.04	0.07	2.740524	2.7327532	2.78454481	2.74275278	2.72105573
0.075	0.119	2.92403447	2.8900354	2.58808759	2.919993	2.86733316
0.024	0.053	1.5254055	1.64490572	1.51033091	1.8620049	1.33947296
0.397	0.262	3.13788897	3.15105127	2.94894137	3.25341069	3.40387595
0.52	0.52	4.69109016	5.07198734	4.50592087	4.63110641	5.03409105
0.024	0.066	1.92018673	2.1178463	1.71859149	1.93999767	1.93772723
0.155	0.152	3.37039907	3.49535297	3.0908768	3.19242689	3.21091427
0.008	0	0.982685	2.02700038	0.7649888	1.10724546	1.35641582
0.032	0.025	2.12175773	2.13072626	2.43184572	2.65701486	2.41573505
0.02	0	0.54851235	0.6736497	0.6818003	0.83015753	0.87461759
0	0.016	1.00E-04	0.02865993	0.05036639	0.04635668	1.00E-04
0.206	0.221	4.35906468	4.5147021	4.19438907	4.34504733	4.26849118
0	0	0.05321867	0.09760537	0.07018	0.03624638	0.04909605
0.012	0.004	1.11235008	1.44385509	1.64083562	1.68005423	1.02011487
0.036	0.045	1.66652327	1.85423883	2.13947614	2.07055467	1.8509973
0.067	0.045	2.05911522	2.19378791	2.17214639	2.28921312	2.24175756
0	0	0.26206776	0.40044957	0.32049823	0.3644781	0.60908518

0.012	0.012	0.88846249	1.11729379	1.39368339	1.36925204	1.02840064
0.04	0.045	1.74072864	1.8610013	1.7324035	1.90996549	1.68979359
0.056	0.016	2.88586089	3.03668156	3.46150317	3.47412642	2.83543806
0.187	0.189	3.18568257	3.57079852	3.11788843	3.35728295	3.35674759
0.119	0.119	3.05486791	3.23148465	3.06495339	3.2327632	3.05389034
0.226	0.27	4.18494652	4.35696539	4.48177787	4.6424456	3.97844961
0.401	0.332	4.94181057	5.2169841	4.74905462	4.84233557	5.0862463
0	0	0.06577299	0.14895463	0.05474733	0.08447493	1.00E-04
0.167	0.193	2.98701065	3.02038695	2.97892524	3.14717989	3.05822606
0.266	0.262	4.24215438	4.33617575	3.85255386	4.10781739	3.96323595
0.099	0.094	2.75665041	2.8086526	3.43628712	3.40677101	2.89265671
0.706	0.566	5.73950083	5.83564027	5.32267556	5.55844411	5.74772231
0.214	0.164	3.37464774	3.55507496	2.98777135	3.26384172	3.25997325
0.024	0.012	1.026715	1.11304404	1.25577395	1.32456478	1.10326204
0	0	1.32105865	1.01071055	1.81475964	1.71709222	0.85207483
0.024	0.016	4.20432691	4.21947114	4.08801041	4.27264822	4.6359531
0	0.004	0.01277639	0.13225311	0.07724074	0.15809363	0.15027689
0.571	0.582	6.66011622	6.8104446	7.53965406	7.46793061	6.71006572
0	0.004	1.08928191	0.75485457	1.23294333	1.75365328	1.01724772
0.075	0.078	2.16797185	2.19609691	2.25222132	2.33733542	2.53805046
0.02	0.016	1.22455526	1.06901576	0.9731777	1.37433141	0.83696946
0.079	0.033	4.60419025	4.25216985	5.2620607	5.12945023	4.85594174
0.008	0.004	2.29889716	2.51331022	2.74485265	2.37652661	3.62200381
0.04	0.025	3.75392402	4.27060274	4.60397608	4.27136695	4.62246651
0.048	0.053	4.03352785	3.9386937	4.6389274	4.59846304	4.24677161
0.016	0.004	1.58583883	1.65180424	1.90480711	1.91550124	1.7757167
0.071	0.037	4.05987494	3.88322442	4.91894151	4.84034895	4.40051544
0.095	0.115	2.23861109	2.53431565	2.27619188	2.42052902	2.8420413
0.183	0.254	5.36282263	5.41111181	5.02762023	5.23831197	5.53495085
0.063	0.049	1.80168105	2.11255978	1.84350774	2.00508062	1.96586635
0.631	0.615	3.52001367	3.79905435	3.30102749	3.45499592	5.14235777
0.171	0.168	2.23161984	2.00406661	3.27394713	2.96144868	1.46270312
0.004	0.004	0.31241451	0.55857327	0.22310956	0.28013965	0.42590653
0	0	0.02236114	0.17961135	0.02112242	0.04964319	1.00E-04
0	0.008	1.00E-04	0.01834742	0.00608306	0.00713511	0.24532086
0	0	0.2986589	0.05316081	0.03285215	0.03570478	0.079284
0	0	0.01816919	0.0224261	0.01345094	0.01736764	1.00E-04
0.02	0.016	2.0229205	1.75065819	1.57729933	1.84703795	2.71998988
0.063	0.107	0.17938658	0.27526424	0.07190459	0.12055569	0.66680342
0	0.004	1.00E-04	0.02968037	0.03045742	0.01750977	0.05019225
0	0	0.01658262	0.04922422	0.09277927	0.13386495	0.48635893
0.04	0.012	2.15966506	2.39640376	2.18737749	2.42832776	2.1258594
0	0	1.00E-04	0.38887021	1.00E-04	1.00E-04	1.00E-04

0.242	0.205	2.89613822	2.7214278	3.11200891	3.11610428	3.32689835
0.246	0.287	3.06745189	3.00363337	3.68926479	3.60925665	3.29078872
0.294	0.291	5.53933552	5.62919084	6.16978409	6.02377842	5.12192616
0.06	0.049	2.48755007	2.55669214	3.16374967	3.07940555	2.60057471
0.012	0.02	1.45607171	1.57222219	1.74453459	1.88583735	1.2843777
0.024	0.016	1.64072903	1.73502546	2.03080398	1.99056494	1.82311378
0.087	0.094	2.96261347	3.20985551	2.99064906	3.11343978	2.70704691
0	0	0.35680739	0.37376951	0.33676282	0.3507871	0.19745789
0.099	0.111	2.98468504	3.00648653	2.94941743	3.00857976	2.72951899
0.155	0.082	3.82853649	3.61390373	3.35294072	3.60555899	3.77868173
0	0.012	1.19263781	1.01013633	1.42530862	1.47640607	1.13120045
0.238	0.221	5.24841309	5.38772534	4.6877632	4.89950071	4.74926358
0.036	0.029	1.73596114	1.87079089	1.4315703	1.78850219	1.49448859
0.02	0.012	5.25259527	3.79369259	4.10392939	4.30496401	3.57616322
0	0	0.17236095	0.29335202	0.15578676	0.18787747	0.21803935
0.008	0.008	0.4399001	0.91217851	0.52870293	0.82793018	0.66387006
0.147	0.193	4.30084515	4.32078436	4.54339444	4.62051548	4.46380178
0.075	0.061	2.68357	2.84262044	3.15389861	3.19696356	3.30802496
0	0	1.00E-04	1.00E-04	0.00243333	1.00E-04	1.00E-04
0.004	0.012	0.13279272	0.09892868	0.08709847	0.10694176	1.00E-04
0.242	0.238	4.30070542	4.22855651	4.48019385	4.62262574	4.21010634
0	0	0.29648981	0.33696872	0.26525072	0.28815824	0.13237175
0.016	0.02	1.17567176	0.87288922	1.63251076	1.84324353	1.73676543
0.044	0.025	4.63267651	4.64867436	4.8323573	4.96624145	3.89773144
0.004	0.008	0.15767481	0.16145451	0.09577459	0.19140631	0.13941777
0.016	0.012	3.8674605	4.04656558	3.6867745	3.84113214	4.0963799
0.405	0.41	3.73641141	3.83471872	3.67802401	3.82354676	4.03219481
0.095	0.082	6.18769936	6.30160694	5.91697087	5.91930986	5.98962515
0	0	0.15005792	0.18012723	0.08073552	0.20019223	0.05744226
0.052	0.061	2.95384932	2.98799124	2.95363674	3.07933524	2.83341454
0.004	0	0.78181102	0.59736409	0.72626402	0.98344937	0.83994903
0	0	1.00E-04	0.01171848	0.00210022	0.0084033	1.00E-04
0.004	0	0.22254345	0.05888272	0.07101162	0.07691207	0.26306729
0.008	0.012	1.49688443	2.37644184	1.2898729	1.59843714	1.56852056
0	0	0.99215802	0.75105307	0.74979143	0.66771982	0.43647864
0	0	0.16414419	0.65274714	0.14409397	0.23539023	0.38962144
0	0	1.00E-04	0.04555445	0.00199964	0.0319371	1.00E-04
0.012	0.012	1.06955721	1.08936744	0.82065521	0.78872809	1.3717818
0	0	0.27461686	0.08999869	0.07838422	0.17120414	0.11761613
0	0	1.00E-04	1.00E-04	1.00E-04	0.00425191	1.00E-04
0	0	0.03327167	0.03508147	0.05182262	0.01527181	1.00E-04
0.004	0	0.26968002	0.31605945	0.31205955	0.32497166	0.40457402
0.004	0	0.08791751	0.13762849	0.04588106	0.04495822	1.00E-04

0	0.004	1.26523328	1.95714542	0.97169507	1.18242982	1.41539151
0	0	0.1269525	0.21361667	0.09665926	0.09314932	0.22632005
0	0.004	0.26201234	0.00840408	0.0399136	0.04426953	1.74513273
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.004	0.09606469	0.24323925	0.19095331	0.23193259	0.51292295
0.004	0	0.48448625	0.54300094	0.34195783	0.37522792	1.84376631
0.099	0.115	2.53146107	2.4910861	2.23855181	2.46873933	3.03108593
0.377	0.414	3.19776563	3.03078762	3.42968968	3.38797907	3.40512005
0	0	0.06109326	0.21179721	0.13305294	0.16545206	0.3416931
0	0.004	0.06399195	0.18223334	0.08079148	0.08928696	0.31486164
0	0	0.40003755	0.26296778	0.40188978	0.46809162	0.47797555
0.012	0.008	0.86146048	0.95336508	1.00096535	0.95581773	0.41859657
0.048	0.049	3.78902238	3.84263036	3.58389202	3.81018373	3.1998377
0.004	0.004	0.46296208	0.2386121	0.29102478	0.35935877	0.58929918
0.167	0.156	4.23094401	4.01211415	4.19913369	4.11903103	4.83606612
0.071	0.078	4.49745158	4.42477936	4.66493835	4.57612001	4.46465161
0.056	0.049	2.61974741	2.53324785	3.24122564	3.17113247	3.04672313
0.012	0.012	2.07315371	2.71131298	2.19171131	2.22142617	2.88222282
0	0.004	0.31616174	0.48198673	0.21134641	0.19760961	0.25780633
0.234	0.307	5.48004026	5.57852132	5.00875355	5.27713503	5.11000753
0.079	0.049	5.63304397	5.53186568	5.50793896	5.51012619	4.63971124
0.095	0.123	0.27844414	0.23763535	0.34959052	0.49737585	1.53895521
0.024	0.041	1.57575118	1.39111871	1.85792079	1.86269657	1.78204321
0	0	1.00E-04	0.05924951	0.01201842	0.01712936	1.00E-04
0.21	0.225	3.27134836	3.36631401	3.27814081	3.55059023	3.74213222
0.004	0.008	0.96444223	1.41057477	0.63854332	0.81311143	1.27364587
0.004	0.004	0.26625444	0.25502448	0.24887653	0.29300156	0.44219953
0.099	0.111	3.2458779	3.28094931	4.1920005	4.16580782	3.5524449
0.008	0.008	1.23134029	1.3643825	1.70251158	1.65358844	1.24828665
0.147	0.123	4.81806543	4.8926941	4.44839751	4.83197117	4.50504502
0	0	0.14600749	0.07619185	0.02566603	0.03838963	1.00E-04
0.028	0.02	1.20024021	1.27766996	1.31826216	1.4073823	1.63002035
0	0.004	1.00E-04	0.04045257	0.02633439	0.03157163	0.05652078
0.008	0.008	0.20395595	0.75718281	0.40606979	0.50984642	0.2965377
0.147	0.143	3.10503603	3.30324172	3.23014411	3.33361982	3.32119899
0.429	0.361	4.20283427	4.26761579	4.13008684	4.14948276	4.34847267
0.341	0.34	4.37881689	4.41719987	5.22808348	5.13384775	4.6495554
0.004	0	0.01476222	0.05165797	0.05176501	0.06507644	1.00E-04
0.02	0.016	1.7029355	1.51593849	1.89299785	1.94232077	1.63404639
0.02	0.008	1.1567617	1.41530978	1.52981598	1.5259378	1.43354986
0	0	1.00E-04	0.11418633	0.03071611	0.02403162	1.00E-04
0.008	0.025	0.09276536	0.04208219	0.04269668	0.03157185	1.00E-04

0.171	0.107	2.60524051	2.50423189	3.11678524	3.18222153	2.61456134
0.02	0.016	0.9714301	1.06508712	0.98855307	1.17100388	1.38838321
0.202	0.205	4.3767652	4.40373697	4.32458569	4.52647417	4.55408742
0.337	0.279	4.50163467	4.53619295	4.95663109	4.92595173	4.44431354
0.008	0.004	1.51714121	1.54647061	2.27628327	2.16767424	1.94617445
0.294	0.258	3.80753104	3.75145514	4.44052491	4.33801502	4.10484537
0.21	0.246	3.33164648	3.41423614	4.00889268	3.98608027	3.51088672
0.107	0.082	3.43307099	3.266047	3.92466141	3.50842557	3.50070872
0.687	0.52	5.70249476	6.25195326	5.3299691	5.18660249	5.99259403
0	0	0.02042816	0.07209148	0.03200103	0.07486572	1.00E-04
0.016	0	0.4776291	0.27878808	0.28869651	0.30358952	0.43618407
0.143	0.131	3.03446648	3.27898352	3.80352125	3.6698851	3.54346955
0.016	0.012	1.9269255	2.06778952	2.0257647	2.15530141	1.87855618
0.02	0.016	1.26962216	1.44872471	1.81442145	1.87222919	1.53458704
0.02	0.045	1.49829818	1.7289973	1.61442735	1.75910614	1.60279596
0.087	0.111	2.96237971	2.94948542	2.80999183	3.09363861	2.90346602
0.02	0.008	1.68590951	2.23798392	1.49485496	1.53499983	2.04194186
0.079	0.086	2.41227544	2.54956105	2.87251686	2.87160946	2.54686134
0.107	0.074	3.5167635	3.59318359	3.36985699	3.52863517	3.62329814
0	0	1.00E-04	1.00E-04	1.00E-04	0.01335356	1.00E-04
0.528	0.533	4.6513731	4.70423409	4.36672827	4.52187005	4.91722227
0.222	0.184	3.75062937	3.60306346	4.08621338	4.07814177	3.95514408
0.298	0.283	5.21677803	4.83335122	5.51884611	5.56261566	5.34158618
0.063	0.107	1.33848856	1.53439576	1.00939917	1.02358576	2.9033897
0	0	0.0248158	1.00E-04	1.00E-04	0.01394497	1.00E-04
0.262	0.279	3.73526356	3.86176575	4.26996602	4.138891	4.12259746
0.036	0.041	2.00265537	1.85677148	2.27246981	2.387427	1.79569983
0.012	0.012	0.27745741	0.34045987	0.35064362	0.41381138	1.0534343
0.02	0.016	4.22898833	4.16634939	4.11581049	4.07098776	4.01099672
0	0	1.00E-04	0.02661929	0.00143283	0.01053884	1.00E-04
0.008	0.016	0.41393404	0.43204187	0.3077144	0.24805116	1.8982598
0.016	0.004	0.20683028	0.28783237	0.17871939	0.22096878	3.26810065
0.333	0.348	0.85698119	0.93326675	0.75681013	0.81373887	0.85229984
0.004	0	0.24854964	0.30605997	0.54328797	0.35617066	0.44773068
0.079	0.074	2.17555577	2.19873765	1.8600914	2.24164594	2.54800184
0.06	0.025	5.80198607	5.93040802	5.54908482	5.75520354	5.58036974
0.024	0.041	2.96880329	3.09319751	2.95339766	3.12972652	2.96971102
0.044	0.061	2.26218463	2.17725383	2.93623815	2.99098169	2.39164806
0.083	0.111	2.31336969	2.52377578	3.15060054	3.04244627	2.53102644
0.067	0.037	5.4590738	5.23786409	5.37745096	5.34557166	5.20026059
0.004	0	0.30190471	0.37527984	0.21538831	0.45040282	0.5152585
0.552	0.566	4.1754011	4.37582907	4.33157325	4.41645477	4.72846694
0.171	0.094	6.59010295	7.33108619	6.32787127	6.37869479	6.4989419

0.131	0.189	3.45166474	3.47508783	3.41213039	3.60106332	3.93891526
0	0	0.04610888	0.01280781	0.02632373	0.01506502	1.00E-04
0.004	0.004	0.37895257	0.57405406	0.28238666	0.27115372	0.39283084
0.004	0	1.00E-04	0.13721934	0.0577298	0.03334176	1.00E-04
0.004	0.008	2.15859302	2.02830977	2.38950507	2.41919173	1.82567789
0.02	0.012	1.94537829	1.81492998	2.08604431	2.27789239	1.81368187
0	0	1.00E-04	0.01853888	0.01541697	0.02511127	1.00E-04
0.135	0.09	3.39831806	3.64509272	3.21175272	3.41756543	3.44382907
0	0	0.04360269	0.11523013	0.11242333	0.08729693	0.04058868
0.135	0.074	6.61581609	6.5683496	6.05726775	6.2282641	7.25274838
0	0	0.44499125	0.34350042	0.41426532	0.53920681	1.00E-04
0.032	0.053	1.79099904	1.77788675	2.00100245	2.02614046	1.95052106
0.933	0.893	5.60177269	5.99867792	5.53676045	5.61349057	6.0741484
0.06	0.061	3.2833483	3.16211282	2.78069384	2.91440582	3.31934033
0.385	0.344	3.9046824	3.98152983	3.67421765	3.94101424	4.13718208
0	0.004	0.02163865	0.03395316	0.02537542	0.03453117	0.0875588
0.004	0.02	1.39968759	2.02950361	1.99273304	1.96159758	1.48292549
0.008	0	0.0109617	0.01359625	0.04984748	0.03901354	1.00E-04
0.603	0.648	5.52972863	5.64828598	5.24317651	5.32955179	5.61852073
0.405	0.344	7.19060929	7.3579308	6.89345523	6.75850768	6.93242463
0	0	1.00E-04	0.05086835	0.01380313	0.01588886	1.00E-04
0.008	0	1.22628433	1.2414222	1.28800065	1.67055574	0.15024959
0.008	0	0.21819704	0.30483515	0.19004626	0.1283382	0.370436
0	0	0.07334532	0.07207629	0.23029004	0.05446008	0.04807674
0.02	0.033	1.00E-04	0.06026529	0.01866925	0.02067174	0.19250956
0.694	0.602	5.90011242	6.06260888	5.51153754	5.63481051	5.98879542
0.111	0.107	4.79661302	5.17655654	4.74359887	4.68128259	5.41679752
0.155	0.209	3.57719087	3.59692221	4.02716296	4.03045714	3.60316219
0.036	0.045	2.05861533	2.27695235	2.01943677	2.26045534	2.12212948
0.21	0.184	3.95390721	4.09200787	3.53681154	3.7314784	3.69919894
0.004	0	2.2157899	1.30720123	1.66211253	1.58872899	0.59218969
0	0	1.00E-04	0.00604018	0.01806538	0.04107555	1.00E-04
0	0	0.02600758	0.07130632	0.27673474	0.407171	1.7190017
0.103	0.074	2.62381158	2.68513503	2.87351667	2.90820853	2.44444884
0.365	0.316	5.09041591	4.57341276	5.41078374	4.55832958	5.94644536
0.266	0.23	4.96250112	5.22038978	5.06604474	4.87199972	5.68040997
0.008	0	0.47014252	0.59853549	0.4597167	0.33535398	1.48758745
0.123	0.061	2.84038418	2.9168064	2.79194793	2.8418477	3.50263213
0.016	0	0.08051753	0.48204105	0.30727762	0.37981434	0.17952164
0	0	1.00E-04	1.00E-04	0.01944107	0.01870361	1.00E-04
0	0	0.07090262	0.04367518	0.07085103	0.06187446	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.05018443	0.05559878	0.0412197	1.00E-04

0.048	0.025	0.02039347	0.02328943	0.05487025	0.05610376	1.00E-04
0.012	0.004	0.02823494	0.07659224	0.11392303	0.12062307	0.05857215
0	0	1.00E-04	1.00E-04	0.00357515	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.17449534	1.01546854	1.2075588	1.43405629	0.8599249
0	0	0.11183042	0.15502472	0.07599345	0.08521684	0.24293005
0.004	0.008	0.35258398	0.52829832	0.45455459	0.47449033	0.13271503
0.075	0.086	2.77292353	2.89748914	2.87533138	3.08262942	2.77015438
0.448	0.443	4.57449714	4.94370848	4.29758423	4.47213772	4.69755459
0.171	0.172	3.2683507	3.50198852	3.05765911	3.22626918	3.43199728
0.25	0.201	3.97650562	4.12094755	3.7517806	3.75339424	4.30479713
0	0	1.00E-04	1.00E-04	0.00196392	0.00188394	1.00E-04
0	0	0.22341275	0.27810138	0.1529881	0.25598991	0.17115225
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.353	0.357	5.05205022	5.19395636	5.09411273	4.97886052	5.08133268
0.837	0.775	6.59974709	6.62142976	6.18197506	6.4042705	6.72683678
0	0	1.00E-04	0.04374313	0.01807555	0.05059054	1.00E-04
0.468	0.402	5.39483942	5.33109111	4.73749047	4.92898157	5.26078276
0.377	0.385	5.13513894	5.29783355	4.95113313	5.06827113	5.24374877
0.016	0.02	1.26190783	1.21747573	1.32462361	1.28698379	1.13651959
0	0	0.23191358	0.06654654	0.1456985	0.13718697	0.45175157
0.73	0.734	6.24186822	6.42713869	5.85105854	6.04727477	6.71631035
0.012	0.02	1.01108187	1.4200342	0.50273128	0.60380943	0.57513097
0	0	0.69577176	0.78654316	0.82152046	0.89444647	0.7522042
0.028	0.025	2.41990439	2.21392266	2.00310421	2.24782396	2.20721092
0	0	1.00E-04	0.02849913	0.04489275	0.04572437	1.00E-04
0	0	0.06243088	0.09690884	0.06595109	0.07568133	0.10348813
0.175	0.16	2.99806709	3.12977883	3.17610202	3.3529761	3.13327068
0	0	1.24438245	1.07561422	1.29042461	1.48210273	1.00028995
0.071	0.098	2.27848912	2.44775644	2.23939572	2.41558486	2.31582356
0.012	0.012	1.43255487	1.36626252	1.59966302	1.79625757	1.39885567
0.032	0.016	3.56394812	3.77437125	4.31351543	3.8075283	3.8899034
0	0.008	1.01417608	1.39830741	1.90856928	1.65264223	1.58137752
0	0.004	0.8672947	0.80688641	0.8038313	1.02195316	2.80588761
0.083	0.061	2.99455355	2.72485971	3.24794613	3.20992397	3.0705126
0	0	0.19334903	0.33204754	0.22632356	0.2603674	0.46714292
0.004	0.025	1.14488666	1.09358717	1.71981889	1.81190474	1.62864342
0	0.016	1.06896146	1.07701431	1.56099034	1.61749935	1.40623598
0	0	1.06569256	0.64265423	0.58044201	0.47480343	0.19947793
0	0	0.08477475	0.13304255	0.06053129	0.1685756	0.17874022
0.004	0	0.03137901	0.19983847	0.13161348	0.15892861	1.00E-04
0.095	0.061	2.13456582	2.04348948	2.43370409	2.43658742	2.47309273
0.056	0.025	1.82991055	2.0757721	2.4016794	2.337464	1.98908345

0.04	0.033	5.60969789	6.023074	5.35254331	5.56983546	4.57555986
0	0	1.00E-04	0.02398044	0.02003968	0.02195509	1.00E-04
0	0	0.46921705	0.64649362	0.40905538	0.44299663	0.27371989
0.115	0.057	6.15160447	6.18679928	5.83452346	5.97515273	5.5109745
0.123	0.094	5.08082454	5.24985059	5.02540997	5.18104201	5.09978116
0.032	0.004	0.52139528	0.71526	0.50027194	0.65598055	0.33334741
0.052	0.045	1.59108333	1.3465017	1.18691313	1.2970623	1.7085089
0.004	0.004	0.01941499	0.07105881	0.06974599	0.03260115	1.00E-04
0.099	0.094	2.01797459	1.98693159	1.89824337	2.04698945	2.64360242
0	0	0.41313119	0.56527525	0.55465346	0.63209204	0.5451462
0	0	0.10605335	0.38022058	0.09158973	0.04958154	1.00E-04
0	0	0.14562673	0.33477068	0.2849287	0.30268786	0.08709757
0	0	0.20454519	0.27332208	0.17589052	0.19477223	0.24293524
0.091	0.086	3.60452516	3.78830734	3.53155523	3.728059	3.30027752
0.008	0.004	0.09983685	0.20446334	0.09229957	0.10073097	0.07310051
0.19	0.209	4.10234579	4.31038323	3.73182009	3.94724669	4.06412695
0.024	0.029	1.72379891	1.91764087	1.69816026	2.0049169	1.57109923
0.091	0.066	4.5636382	4.60058951	4.02208323	4.13098819	4.60915612
0.599	0.561	4.91473159	5.25639454	4.52905934	4.72056795	5.02261047
0	0	0.02007599	0.04086995	0.01136263	0.01547403	1.00E-04
0	0	1.00E-04	0.00382096	0.00463703	0.00524071	1.00E-04
0	0	1.00E-04	1.00E-04	0.00219384	1.00E-04	1.00E-04
0.012	0.012	0.08393049	0.13356536	0.11076786	0.1237278	1.40286208
0	0	0.41129526	0.3442815	0.26743977	0.34002029	0.74575619
0.004	0	0.1399285	0.0659119	0.05448542	0.10224203	0.32601893
0.052	0.045	0.12138788	0.1952803	0.10814	0.11290465	0.11748171
0.127	0.082	3.98769811	3.95230384	3.43699467	3.57645334	3.69015821
0.02	0.012	1.12998334	1.52925708	1.79915131	1.39329794	1.06087818
0	0	0.07171583	0.08526386	0.05716557	0.02319769	0.07869805
0.028	0.02	0.62917381	0.88367307	0.59684384	0.66466018	0.9236391
0	0	0.03696887	0.05541416	0.02713318	0.03277702	0.06972104
0	0	0.0723605	0.09214506	0.07051575	0.09264246	0.05115835
0.02	0.016	0.18493961	0.16386933	0.02924397	0.05428654	0.14654142
0.008	0.004	0.4981164	0.63170031	0.71024956	0.81165445	0.83566424
0	0	1.16410678	1.27691312	1.16998527	1.64113161	0.46744337
0.004	0.012	0.71299939	0.64433706	0.52366078	0.6741188	1.13518768
0	0	1.00E-04	1.00E-04	0.00225675	0.00206202	1.00E-04
0	0	2.38287198	2.20181107	2.18851425	2.46089821	1.96780949
0.933	0.857	8.07195917	7.94496083	9.17268318	9.15677265	8.10661936
0	0.004	1.00E-04	0.00434639	0.04347834	0.07339698	0.15425818
0.976	0.934	8.26776108	8.23985374	9.32195812	9.28528	8.22590122
0.421	0.361	4.93781218	5.1591173	4.5802962	4.74937052	4.96701406
0.048	0.045	1.53617686	1.44546231	1.69550556	1.69343418	2.01676565

0.06	0.057	2.47034283	2.70659866	2.71240422	2.73514125	2.77472747
0.369	0.369	4.36448093	4.45719523	4.20983428	4.24902527	4.57797296
0.159	0.164	3.6438941	3.70906029	3.41421024	3.63094341	3.67773211
0.163	0.143	4.05969073	4.22831982	4.74446767	4.63920248	4.50477724
0.123	0.193	3.00666791	3.09662373	3.52308924	3.47939771	3.01913691
0.02	0.029	1.43554929	1.56074152	2.2369	2.20259897	1.74597218
0.008	0.033	1.38127086	1.33069457	1.53147309	1.6110095	1.73142298
0.246	0.172	5.44427195	5.40699839	6.18748735	6.24318048	5.22384951
0.155	0.139	2.16098715	2.26872857	2.62461664	2.59980166	2.7513572
0.448	0.451	4.19226728	4.24522987	4.06684933	4.22740684	4.46709664
0.04	0.029	2.97230081	3.16140986	2.81581506	2.82824465	2.7836676
0.159	0.18	3.17416141	3.30139827	3.5780982	3.59000214	3.17039179
0	0	0.4418619	0.60345248	0.509376	0.60483368	0.82066616
0.008	0.008	1.0692254	0.97271183	1.29080909	1.30327011	1.43298196
0.409	0.418	4.91414124	5.24065788	4.44183047	4.71934445	5.00097983
0	0	0.13664776	0.14291734	0.07334826	0.09438796	0.15200468
0.02	0.016	1.43262016	1.29129727	1.79479887	1.76231439	1.41533784
0.052	0.07	2.29179091	2.21709218	2.36493743	2.44803893	2.06832369
0.357	0.344	4.4949155	4.42805753	4.62301144	4.54541607	4.46263793
0.048	0.041	2.270717	2.37274313	2.49675131	2.57351857	2.42216247
0.016	0.012	0.19948165	0.19744854	0.53176211	0.42429476	0.10734981
0.048	0.029	1.99694323	2.01264779	2.46856532	2.50086855	1.69543874
0.004	0.004	1.00E-04	1.00E-04	0.00819097	0.00174487	1.00E-04
0.532	0.549	4.36857398	4.41280302	5.22268636	4.94441983	4.63269497
0	0	0.0180254	0.04900981	0.01438199	0.00169183	0.30316657
0.675	0.689	2.84991791	3.42910692	3.04218775	3.11729596	4.24139374
0	0.004	0.2956174	0.48025295	0.12908998	0.1709636	0.20498683
0.183	0.168	3.02540064	3.23690133	2.69395369	2.84367302	2.88707852
0.746	0.758	3.45460374	3.05145588	3.22339163	3.27953612	4.18347021
0.23	0.189	4.07339828	3.92502466	3.8843258	3.9030936	4.10203807
0	0.004	0.29827296	0.35035642	0.35785898	0.41219736	0.45334619
0	0	0.08199666	0.11367904	0.18116229	0.13767461	0.44429504
0	0	0.28699478	0.26815638	0.05871572	0.07790226	0.42533103
0.012	0	1.37052535	1.32453069	1.46298097	1.51017321	0.50457923
0.004	0	1.90553969	1.65339594	1.91713033	1.97690372	0.95712788
0.004	0	0.8265299	1.11269993	0.71199652	0.78798563	0.80521029
0	0	1.65758238	1.29840894	2.04463661	2.12726316	1.27448766
0.004	0	0.03202238	0.10739255	0.10524438	0.14792763	0.11862465
0	0	1.00E-04	0.00472748	1.00E-04	0.00486491	1.00E-04
0.028	0.033	1.75877404	1.98442701	1.9191156	1.95833591	2.20127525
0.107	0.037	4.83344578	4.64715237	6.29377939	5.05054548	5.21789159
0.202	0.164	3.1563626	3.31361791	3.0515132	3.21777628	3.04181011
0.552	0.525	4.58297962	4.74482259	4.69274604	4.76184353	4.5800898

0.607	0.439	5.10311704	5.00802638	4.80666525	4.96684392	4.92048813
0	0	1.00E-04	1.00E-04	0.00162292	0.03306008	1.00E-04
0.044	0.016	2.43817357	2.43760717	3.00822927	3.00555922	2.40525646
0.063	0.053	3.03159901	3.01853983	3.55511796	3.50839499	3.02479923
0.044	0.037	3.06628348	3.13931665	3.55186016	3.59605511	3.0006799
0.02	0.045	4.29184711	4.66856608	3.96072313	4.19270164	4.39000567
0.254	0.209	5.78575442	6.23668241	5.63629972	5.71503399	6.36750904
0.29	0.234	3.91252459	3.89624168	3.48658818	3.68376939	3.97585889
0	0	1.00E-04	0.04149763	1.00E-04	1.00E-04	1.00E-04
0.484	0.43	5.34697081	5.26493511	6.32129887	6.18243391	5.59710671
0.147	0.111	2.42854968	2.58313572	2.7845412	2.91542008	2.78167141
0.341	0.348	3.71882655	3.76059813	4.58641939	4.50788841	4.16359248
0.008	0.008	0.31747907	0.29151758	0.18777119	0.19149245	2.22019521
0	0.012	0.82699626	0.86644867	0.49608877	0.61969052	0.59197809
0.171	0.18	4.19504259	4.06573197	3.98130105	4.18247231	3.91005048
0.286	0.283	3.7113194	4.02678337	3.97183664	3.70796106	3.94339573
0.103	0.102	2.59615239	2.65169198	2.49135421	2.84459698	2.58778363
0	0	0.01199267	1.00E-04	0.00514049	0.00350896	1.00E-04
0.004	0	1.00E-04	0.02341184	0.03067603	0.04988654	0.05513227
0.004	0.004	0.22615	0.21340193	0.15980843	0.20636901	0.22542711
0	0.004	1.23291241	1.21152101	1.30091454	1.45625763	0.90121972
0	0	1.00E-04	0.01823613	1.00E-04	0.00256257	1.00E-04
0.016	0.016	0.33724001	0.60961171	0.37280522	0.50573911	0.70210851
0	0	0.12278663	0.23685306	0.32884391	0.31245554	0.49578668
0	0	0.22317014	0.22891418	0.14475485	0.24169254	0.31779658
0	0	1.00E-04	0.01823542	0.00842767	0.01752006	1.00E-04
0	0	0.3244959	0.60204266	0.20355619	0.30812682	0.17981065
0.004	0	0.06783763	0.04761925	0.01802287	0.03129843	0.19820829
0	0	1.00E-04	0.01492797	0.01329693	0.00804345	1.00E-04
0.012	0.025	2.23145424	2.29477562	1.74315939	2.08194153	4.0696605
0	0	1.00E-04	0.09762702	0.03677508	0.12204682	1.00E-04
0	0	1.00E-04	0.01318244	0.01222372	1.00E-04	0.04927424
0	0.004	0.03433567	0.02956065	0.0390855	0.03986182	0.06634019
0	0	0.03157401	0.11356882	0.07014951	0.06505935	1.00E-04
0	0.004	0.04536625	0.02477364	0.02112744	0.03319782	1.00E-04
0	0	0.04173325	0.03556132	0.02652065	0.0794918	1.00E-04
0.056	0.016	2.81285692	2.7289543	3.53647009	3.14238627	2.86936441
0.159	0.078	2.75449384	2.73230321	3.5832324	2.69497519	4.22413754
0.02	0.012	1.96553433	1.79220643	2.1034104	2.50397527	2.57100283
0.234	0.266	3.52552573	3.48136421	4.26463342	4.20331761	3.78930019
0	0	0.02600959	0.26342715	0.1762761	0.19091463	1.00E-04
0.373	0.287	4.13262333	4.14460363	3.69418213	3.93943044	4.66409339
0	0	0.0465611	0.00808369	0.07099349	0.05315293	1.00E-04

0	0.004	0.04716233	0.0717534	0.10135769	0.10315459	0.02631334
0	0.004	1.00E-04	0.01981591	0.01185327	0.0089916	1.00E-04
0.008	0	0.15003227	0.17314562	0.11941429	0.19699291	0.5084067
0.143	0.115	3.09523699	3.12304602	2.73687853	2.92388609	3.63511281
0.06	0.078	2.42631822	2.40850036	2.81918808	2.70742302	2.55595342
0.067	0.049	2.48146207	2.40528427	3.01031163	3.0300754	2.76845988
0.242	0.238	4.07556664	4.25849445	3.86364371	4.03411594	4.28480298
0.381	0.303	3.70772878	3.79610328	3.94575655	4.13547326	3.8658076
0.036	0.041	3.47582055	3.3694738	3.59139858	3.74533405	3.72096678
0.27	0.25	5.11317382	5.4770896	5.3900337	5.32512383	5.23028445
0.123	0.119	3.63936394	3.85772175	3.5477202	3.6334679	3.77080725
0.187	0.139	3.9861001	4.18773995	3.72396299	3.92098428	4.27545693
0.056	0.07	3.97287564	4.02347894	4.26930772	4.33866821	3.38973529
0	0	0.19730791	0.35941394	0.28726524	0.33755675	0.37261072
0	0	0.17478396	0.11848951	0.16899271	0.11354591	0.05612445
0	0	0.22696429	0.27324854	0.20913425	0.19019833	0.29465486
0	0.004	0.27621336	0.48087326	0.21239708	0.21597648	0.34170707
0.012	0.004	0.90315383	1.04532587	0.87841146	1.08380418	1.05065967
0.004	0.004	0.49917276	0.45852386	0.27918723	0.54269149	0.21746992
0.246	0.209	4.12985149	4.37071408	3.76976195	3.80652157	3.97244636
0.175	0.18	1.36910689	1.41300683	1.38255616	1.32361376	2.790917
0.06	0.078	2.35194754	2.54194733	2.53395576	2.41008337	2.57252364
0	0.008	0.04309963	0.19954466	0.07596638	0.24088875	1.00E-04
0.095	0.094	1.63033846	2.00786723	1.56649192	1.67474053	1.82061123
0.321	0.287	4.40979879	4.45793525	4.06607587	4.22159428	4.63521528
0.008	0	0.58361223	0.82206591	0.37332901	0.48339609	0.57212033
0.012	0.02	0.03175051	0.06869421	0.04534324	0.03460484	1.00E-04
0	0	0.19620844	0.24009101	0.14767016	0.16421464	0.19581043
0.012	0.004	0.99617596	1.30432372	0.59128823	0.6946909	0.72014414
0	0	0.04263474	0.04072803	0.01671634	0.03286253	1.00E-04
0.004	0.004	0.80109093	1.05341729	0.99380946	1.16163613	1.0173572
0	0.008	1.00E-04	0.00246552	0.00714419	0.00459332	1.00E-04
0	0	1.00E-04	0.01314568	0.00850352	0.00788884	1.00E-04
0.071	0.098	1.53649273	1.66178258	1.93392382	2.07236124	1.55346064
0.028	0.016	1.67537348	1.82471913	2.25738651	2.24264168	1.7233517
0.123	0.115	3.36952036	3.44952472	2.79173761	2.96676604	3.45718
0.198	0.193	3.39704748	3.54771394	3.75090713	3.86185828	3.46389106
0.067	0.045	4.38077899	4.77069368	4.01731427	4.23570188	4.36886549
0	0	0.11635394	0.08761203	0.10215436	0.15566073	0.0344902
0.421	0.426	4.99437636	4.95259036	5.80104007	5.60520841	5.29128218
0.071	0.078	0.08965689	0.04799493	0.14590536	0.19676273	0.10004652
0	0	1.00E-04	0.00869246	0.0175754	0.00573466	1.00E-04
0.421	0.361	4.73639909	4.90770856	4.63007218	4.78987623	4.7823713

0.171	0.115	3.20792424	3.27227066	3.65968014	3.70773523	3.41809863
0.004	0.008	0.62888337	0.9367948	0.37939836	0.45526402	0.75022956
0	0.004	0.45308631	0.57350967	0.32006674	0.24293709	0.25262868
0.004	0.008	1.91104826	1.99257803	1.45555312	1.75072068	1.77742091
0.111	0.16	3.11951764	3.17109604	3.18727066	3.2466577	3.48199501
0.063	0.07	3.0325944	2.84580588	2.92145979	3.00548367	3.07461547
0.004	0.004	0.19961166	0.07067983	0.14720524	0.22073015	1.00E-04
0	0.004	0.19489533	0.46553092	0.15182154	0.27546829	0.07877067
0	0	2.1710886	2.30282478	2.56883519	2.48139857	2.17071347
0.004	0	0.04184565	0.16786939	0.11036216	0.14588209	0.0809183
0.008	0.008	2.40173394	2.23612641	2.36265686	2.3378469	2.86817804
0.004	0.012	0.53143371	0.61080057	0.85024628	1.11114766	3.01469143
0.433	0.492	6.39251125	6.41540724	5.94261748	6.01895407	6.52142518
0.048	0.061	2.10122671	2.39208366	2.08705825	2.36197868	2.31043754
0	0	0.03999813	0.1374175	0.07490188	0.095666	0.05010508
0.004	0.004	0.94561424	0.78038596	0.87216254	1.01162267	2.26360281
0	0	1.00E-04	0.01266975	0.01151271	0.03968113	1.00E-04
0	0	1.00E-04	0.06202098	0.05333448	0.0461761	1.00E-04
0	0.012	0.06135836	0.25613824	0.09609249	0.19382532	1.00E-04
0.294	0.357	0.27278177	0.19749422	0.23992397	0.27075257	0.38646405
0	0	0.03482707	0.07197346	0.13909535	0.16986846	0.04643402
0	0	1.00E-04	0.02554159	0.032796	0.06986756	1.00E-04
0	0	0.05170563	0.10125878	0.06713023	0.07724709	0.03658585
0.171	0.172	3.98703848	3.78418277	3.66686415	3.79968402	3.98990219
0.504	0.488	4.80618083	4.98921251	4.56240583	4.73518988	4.80975057
0.54	0.533	4.55111196	4.95183846	4.37106556	4.55565612	4.87903751
0.087	0.078	3.27775907	3.20941825	3.00917017	3.16393399	3.36312975
0.063	0.066	2.41347316	2.38805348	2.47061433	2.65168452	2.45458238
0.008	0.008	1.03570915	0.71201386	0.8206968	0.88632395	1.31901904
0.087	0.078	2.77872229	2.75148371	3.18141365	3.19700853	3.02705832
0.02	0.025	0.99151523	0.94420919	1.23069598	1.30064837	1.06884091
0.02	0.008	1.67168054	1.86161778	2.22394453	2.25972791	1.94766626
0.063	0.07	2.18664415	2.31902424	2.33078687	2.49006814	2.15087546
0.226	0.242	5.15916819	5.39331565	4.75901786	4.83823604	4.625224
0.397	0.381	4.36491377	4.64852645	4.06971716	4.21829904	4.56573846
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.036	0.053	2.0786575	2.59752327	2.36230675	2.26194835	2.47836531
0	0	0.61631112	0.60328086	0.62759739	0.75002604	0.81121166
0.004	0	0.27782394	0.43296872	0.60022811	0.62660102	1.00E-04
0	0	0.42641184	0.37090372	0.31662993	0.33704307	0.34390953
0	0	0.03189153	0.04914259	0.11743523	0.08705438	0.04084487
0.04	0.029	3.84910529	3.5690831	4.38442412	4.47001531	3.68828897
0	0.004	0.41931995	0.70581252	0.70318888	0.72951766	0.12108143

0.024	0.037	1.79038039	1.57240956	1.63761041	1.67022074	1.7215156
0.345	0.344	4.57740703	4.60991965	4.60713579	4.61440937	4.55441325
0.056	0.02	1.72987441	1.64397166	2.15027725	2.1658854	1.55168164
0.067	0.102	2.62796326	2.66705612	2.35285784	2.62486122	2.66560812
0	0	1.00E-04	0.04597463	1.00E-04	0.01917494	1.00E-04
0	0	1.00E-04	0.01858722	0.01117986	1.00E-04	1.00E-04
0.067	0.074	1.53425139	2.49755748	2.29142099	1.530144	2.80052222
0.008	0.008	1.39140818	1.40907256	2.10577768	1.8564731	0.88650811
0.004	0	0.09453381	0.22996593	0.14000934	0.19774807	0.31158636
0	0	1.00E-04	0.07944813	0.03227379	0.02953797	1.00E-04
0.063	0.082	2.86028674	2.87088756	2.3761356	2.61514685	3.0663142
0.095	0.119	2.0586455	2.16656209	2.38883404	2.48766006	2.42646696
0	0	0.03952777	0.04598097	0.02824338	0.02411346	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00331821	1.00E-04
0.242	0.172	3.70548017	3.82920042	3.53710023	3.73636171	3.73244841
0.056	0.053	2.00018618	2.17280727	1.63393136	1.74074658	2.31679614
0.175	0.16	4.23270672	4.27928377	4.21377632	4.22499898	3.9785957
0.04	0.02	1.93892755	2.23151001	1.66246242	1.67152621	4.14078556
0	0	0.05754265	0.03852631	0.01758728	0.03343925	0.06224252
0.02	0	0.016509	0.13611179	0.03642285	0.07370036	1.00E-04
0	0	0.25166956	0.29131648	0.24429084	0.27409226	0.49610788
0	0	1.00E-04	0.00496326	0.00616009	0.00942869	1.02700407
0.036	0.033	0.98288169	1.00280695	1.06448166	1.26913971	0.43355377
0.06	0.057	2.87055438	2.90189528	3.29531464	3.4130719	2.55557823
0	0.004	0.26832559	0.2852322	0.27202307	0.35239178	0.48282649
0.008	0.004	0.58838981	0.55986133	0.52463961	0.55674899	0.49846195
0.008	0.008	0.49084921	0.44992292	0.3440678	0.65718682	0.4782817
0.119	0.098	3.6259586	3.83115464	3.43763405	3.71488536	3.77316329
0.103	0.094	3.50092567	3.48753188	4.05025328	3.94807049	3.36974087
0	0	1.00E-04	0.06691425	0.03072323	0.01573519	1.00E-04
0.012	0.004	0.49301717	0.63840905	0.72231372	0.52260619	0.7026956
0.02	0.008	3.16125623	3.41484862	4.06802137	3.70448142	1.61196319
0	0.004	0.04159386	0.10182247	0.09675884	0.13506567	0.03885978
0.016	0.008	0.91157281	1.28083487	0.7190112	0.87987223	0.88685154
0.091	0.094	2.57950306	2.69009077	2.82215499	2.77503078	2.61608159
0.393	0.459	4.85392533	4.79909483	4.94113506	5.00095494	5.13863878
0	0	0.0584411	0.02635593	0.03391209	0.00722759	1.00E-04
0.024	0.012	0.73673444	0.71184007	0.60195256	0.78088979	1.43548656
0	0	1.00E-04	0.01144867	0.00214729	1.00E-04	1.00E-04
0.004	0.004	0.23593918	0.26048528	0.22832506	0.34848454	0.42201472
0	0	0.32077747	0.26933848	0.1943419	0.25741757	0.10509416
0	0.012	0.38811493	0.27328247	0.22377017	0.2424238	0.94618578
0.056	0.057	1.4539308	1.64405111	1.98407354	2.06818619	1.71421472

0.028	0.012	0.13197465	0.29549223	0.32472688	0.12269585	1.6173874
0.075	0.061	2.0625426	2.14710723	2.51753832	2.58907374	2.2509025
0.048	0.025	1.25513039	1.27814541	1.63870965	1.71547318	1.63353923
0.071	0.061	2.55756226	2.50893912	2.4720563	2.68855604	2.5216657
0.008	0.012	0.86473818	0.92819005	1.62018042	1.62703699	1.23506047
0	0	0.01998823	0.05666515	0.09279684	0.12444889	1.00E-04
0.008	0.008	1.41611162	1.50679226	1.46467317	1.63787184	1.82780006
0.052	0.045	2.08700403	2.09950244	2.47855813	2.50325384	2.14690052
0.036	0.029	3.60909387	3.63862624	3.89483584	3.88710613	3.01860102
0.075	0.078	2.51787251	2.49863057	2.6073702	2.66649893	3.06170228
0	0	1.00E-04	0.00759837	0.00817939	0.00863146	1.00E-04
0.06	0.07	2.55002618	2.51542224	3.29520624	3.19967697	2.67326658
0.024	0.041	0.28703597	0.05327054	0.1194075	0.13218265	0.32666393
0	0	1.00E-04	0.00366106	0.00961065	0.00814274	1.00E-04
0.107	0.123	2.99962898	3.03519553	3.10548763	3.19527026	2.9659225
0.115	0.098	2.88358157	2.93153648	2.70304677	2.91779285	2.97856538
0.075	0.082	2.47512075	2.62914033	2.28713698	2.50292485	2.90224361
0.115	0.115	3.49758094	3.70181614	3.48733885	3.60437019	3.48559014
0.171	0.16	4.2216407	4.345811	4.00114031	4.23414557	3.87944229
0.004	0.004	0.15039634	0.31992739	0.14041692	0.16550938	0.63355075
0	0	0.00892734	0.04392964	0.05343296	0.06791973	1.11020134
0.052	0.07	1.60223801	1.19761551	1.04324484	1.18572345	1.27835683
0.008	0.004	1.76667678	1.56682428	2.06171295	2.03436478	1.93420415
0	0	1.00E-04	1.00E-04	0.00215125	0.00277069	1.00E-04
0.024	0.037	0.35093696	0.09989929	0.07267818	0.17100526	0.06573233
0.107	0.074	3.34346514	3.41252631	3.50239211	3.54638733	3.47553267
0.079	0.107	4.34635908	4.40470966	4.40323432	4.52350841	4.29971757
0.179	0.148	2.94336835	3.14656871	3.01491988	3.20050864	3.20357458
0.036	0.049	2.81764877	2.8925025	2.74381752	2.93305753	2.82251144
0.016	0.02	1.82973016	1.52919624	2.15306631	2.55577861	2.00657305
0.04	0.016	2.55201954	2.57299652	2.72371991	2.77372164	2.55386487
0.04	0.037	0.14804398	0.25398289	0.46868688	0.35474177	0.38981864
0	0	1.00E-04	1.00E-04	0.01083796	0.01710999	1.00E-04
0.437	0.434	4.72318813	4.75620221	4.68975956	4.77370997	4.73695187
0.198	0.139	2.84986375	2.83546592	3.05836176	3.09118618	2.75209376
0.02	0.082	0.26458775	0.35601232	0.2625905	0.29000341	0.31290425
0	0	0.02206062	0.03873666	0.00885976	0.0148747	1.00E-04
0.008	0.004	0.47549283	0.77845026	0.41228492	0.46877017	1.40814783
0	0	0.01104677	0.04586143	0.01307728	0.06627319	0.34824652
0.04	0.053	2.18978103	2.46364018	2.70339062	2.76848167	2.30949314
0.27	0.299	3.84219341	3.65465828	4.26711725	4.1844651	3.99538183
0.012	0	2.13754216	2.96145333	1.54053797	1.41629348	0.12585949
0.004	0.004	0.50934134	0.50672367	0.45560396	0.42124309	0.64218594

0	0.004	0.0970859	0.20714626	0.1346831	0.16535268	0.04395639
0	0	1.00E-04	0.04196188	0.02469982	0.03979839	1.00E-04
0.056	0.033	2.12089272	2.26240193	2.25624085	2.31577104	2.28398341
0.123	0.045	2.70866495	2.64475461	2.91345561	2.98249311	2.7863635
0.115	0.135	2.80226474	2.97303351	2.69345738	2.93979777	3.00356012
0.516	0.418	4.9469464	5.07112821	4.62618394	4.75407066	5.05876407
0.298	0.34	2.59182396	2.9636693	3.61744636	3.44498004	3.29024259
0.048	0.066	1.51125581	1.78309757	1.478527	1.57898235	1.57633442
0.298	0.332	3.10681933	4.00766676	3.74902222	3.68522036	3.89183013
0.27	0.295	0.85139514	1.14377959	1.21016836	1.23797046	2.029971
0.25	0.254	1.85177073	2.62326286	2.34517676	2.48902362	2.25850472
0.552	0.525	1.71482686	2.15514306	2.50088462	2.39396813	2.5152679
0.198	0.242	0.69959776	1.14140404	1.07950743	1.10443005	2.36617478
0	0.004	1.00E-04	0.04261911	0.05093612	0.08867919	1.00E-04
0.056	0.049	1.76003714	1.98243001	1.87774355	2.01093317	2.19798821
0.099	0.111	3.45561692	3.59259727	3.64301671	3.67505285	3.57279768
0.032	0.037	2.44983627	2.50810264	2.69351032	2.79156927	2.37014666
0.02	0.004	0.33079747	0.43602779	0.41210418	0.46610736	0.54543907
0.004	0.004	0.86181659	0.7241265	0.6367203	0.71270483	0.4041907
0.024	0.016	1.22720743	1.02267219	1.2872473	1.43794291	1.19918844
0	0	1.00E-04	1.00E-04	1.00E-04	0.00692004	1.00E-04
0.012	0.004	2.12605952	2.46928176	2.46432991	2.56667823	1.38741967
0.02	0.025	0.07685975	0.0901292	0.05911479	0.10311014	0.11879568
0.008	0.004	0.19131232	0.22081006	0.15185313	0.16005894	0.21217443
0.04	0.094	2.09018035	2.22542557	2.36853087	2.40992859	2.27622525
0.31	0.402	4.53221867	4.51828064	4.20606648	4.51583051	4.69107675
0	0	1.00E-04	1.00E-04	0.01248386	0.01678154	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.00202158	0.00155592	1.00E-04
0	0	1.62236674	1.58311864	1.94994868	2.00791272	0.41984461
0	0	1.00E-04	0.04703791	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00157564	1.00E-04
0	0.008	0.30596461	0.40781999	0.47433496	0.67844163	0.38127824
0	0	0.03106576	0.09119394	0.04852632	0.08309986	0.15832204
0	0	0.0115243	0.08786973	0.17421469	0.19661624	0.43039707
0	0	1.00E-04	0.01478418	0.01235662	0.03307309	1.00E-04
0	0	1.00E-04	0.01443535	0.00875918	0.02149487	1.00E-04
0	0	1.00E-04	1.00E-04	0.00247037	0.01237909	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.11871562	0.28346284	0.11749041	0.19905354	0.06222294
0.008	0	0.27291734	0.44861949	0.33719652	0.27092781	0.39162782
0.008	0	0.71364247	0.73002214	0.4461145	0.55065879	1.35212086
0.004	0	0.17328946	0.18804626	0.16762605	0.27897468	0.05681065
0	0	1.00E-04	0.04234292	0.03388346	0.07511804	1.00E-04

0	0	0.02358588	0.07395673	0.02158285	0.01553654	1.00E-04
0.087	0.074	4.50580553	4.79757625	4.53780154	4.61922571	4.55579035
0.048	0.037	2.77323835	2.67198652	2.4626536	2.47801834	2.96577072
0.115	0.102	3.10481887	3.14013834	3.18799065	3.13854457	2.85279196
0	0	1.00E-04	0.00410731	1.00E-04	0.001976	1.00E-04
0.063	0.025	2.74091222	2.70484705	3.55598518	3.48017748	3.04439474
0.218	0.221	4.32293188	4.40406055	4.40460659	4.46447845	4.40558762
0.02	0.02	1.59191135	1.60486744	1.78122521	2.05494084	1.66985352
0	0	0.61113944	0.4674775	0.33530389	0.4821252	0.60917238
0	0	1.00E-04	1.00E-04	1.00E-04	0.0019764	1.00E-04
0.377	0.373	4.34003921	4.62660025	4.16819458	4.38498	4.3701877
0.258	0.258	3.26667653	3.58641289	2.91016426	3.11074932	3.73956275
0	0.008	0.56709111	0.70890367	0.61467166	0.65414934	0.95138819
0.008	0.008	3.25146549	3.78965851	3.5025986	3.29394781	4.36306403
0.183	0.18	3.18644566	3.41580656	3.15489989	3.32392864	3.36562118
0.512	0.516	4.88928878	5.00531146	4.60850997	4.66209609	4.94080505
0.004	0	0.25281498	0.07785483	0.0354685	0.01383281	0.08620641
0	0	0.13285037	0.12137185	0.10339346	0.08529461	1.00E-04
0	0.004	0.31136197	0.25812342	0.1815672	0.1101486	0.54840828
0.012	0.037	1.95490216	1.81840001	1.79364654	2.08559761	2.06135815
0.258	0.23	3.18168755	3.034654	3.87691406	3.88824619	3.77199271
0.008	0	0.05372462	0.11048735	0.07112517	0.08360039	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00517016	1.00E-04
0.417	0.467	5.9882303	5.99701205	6.23977774	6.32644957	5.8922514
0.008	0	0.37186306	0.47731853	0.27371798	0.26340284	0.62891181
0.004	0	0.37460076	0.36716705	0.31721966	0.3320032	1.01668084
0.036	0.016	1.03012775	1.33578196	0.66143018	0.88701845	2.3082047
0.238	0.197	2.93049655	3.0058357	2.59955783	2.84909832	2.9849424
0.052	0.016	3.05474568	3.14921135	3.90740852	3.93548062	3.19584318
0.131	0.123	3.32102261	3.19944783	3.60449249	3.61349344	3.40418928
0.083	0.09	2.83556078	2.75051553	3.28155876	3.28381911	2.96624112
0.004	0	0.76457675	0.60679729	1.25146814	1.14241092	0.36304062
0	0.004	1.00E-04	0.01943508	0.00156669	0.01484884	1.00E-04
0.004	0.004	0.92923122	1.32629825	1.07863601	0.91249613	1.58822316
0.079	0.016	1.81719352	2.07578613	1.75471628	2.01549286	2.08447407
0.012	0.008	0.49204938	0.60461683	0.44263037	0.57914111	0.51944466
0	0	0.10397008	0.07273958	0.04031816	0.07641542	0.04968975
0.004	0.012	0.04789703	0.09645261	0.11648063	0.14033702	0.06965089
0.02	0.016	3.40157756	3.24617581	3.21874761	3.3343081	3.29666023
0.159	0.209	3.56958541	4.02891992	4.33252036	4.2940177	4.03475903
0.095	0.135	3.2028416	3.04421935	3.78675183	3.79022094	3.18462359
0.246	0.234	3.49965038	3.57810177	3.70844967	3.76374688	3.81820693
0.091	0.107	2.76700375	2.847137	3.56628817	3.5235218	2.95338326

0.591	0.553	5.32402215	5.22355925	5.01141852	5.12164771	5.3284686
0.032	0.037	0.59859329	0.77731461	0.87276338	1.09157767	0.65292096
0.079	0.082	1.48854206	1.34549898	1.21915468	1.38636653	2.59159276
0	0	1.00E-04	0.03293718	0.0220137	0.00935317	1.00E-04
0.06	0.037	1.99941497	2.08326785	2.55170604	2.57077712	2.30183541
0.024	0.025	1.18541415	1.42431501	1.13984749	1.30606415	1.1447757
0.175	0.107	3.97679114	4.12309308	4.24830575	4.21640929	4.64230843
0	0	0.04291878	0.02574631	0.04522164	0.06316303	1.00E-04
0.345	0.291	4.03497621	3.90496078	3.94307303	4.07701446	4.08939433
0.167	0.115	5.14527923	5.43579791	5.67087199	5.52650481	5.08754478
0	0	1.00E-04	0.009108	0.02009814	0.00778928	1.00E-04
0	0	1.00E-04	0.00541051	1.00E-04	1.00E-04	1.00E-04
0.024	0.008	1.23576501	1.17932804	1.64853094	1.6913232	1.16481756
0.226	0.221	3.89725972	3.89523071	3.70629204	3.9153142	4.10791385
0.02	0.016	2.05168548	2.05661375	2.28892506	2.18189458	2.13922851
0.393	0.307	5.30119314	5.48173868	5.26272231	5.08933113	4.5015713
0	0	0.01924479	0.04862273	0.0186979	0.01989944	1.00E-04
0.615	0.59	4.66822032	4.96310291	4.31128065	4.42668433	4.94412886
0.111	0.148	3.09348304	3.14133197	3.05839494	3.15345306	3.24044847
0.048	0.061	2.40032551	2.51268064	2.22851358	2.4651468	2.76267283
0.083	0.074	3.37038122	3.48608037	3.55179576	3.6786953	3.49139047
0.655	0.689	5.68979542	5.60946378	6.37113278	6.30462003	5.82808615
0.131	0.139	3.40436908	3.60374654	3.5790609	3.67077998	3.49596967
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.15560997	0.23106677	0.068016	0.03968504	1.00E-04
0.056	0.037	2.2394679	2.07761597	2.57764053	2.51489161	2.20681601
0.016	0.029	1.36557464	1.54334853	1.87508714	1.85033737	1.81834657
0.012	0.004	1.13080327	1.32008504	1.85689066	1.83440966	1.55810447
0.036	0.02	2.07679127	2.33720347	2.6529591	2.77193442	2.00315804
0.163	0.086	3.11156392	3.08609882	3.77454323	3.72015385	3.32713978
0.242	0.197	3.36420402	3.2852098	3.23377545	3.40737343	3.75009465
0.008	0.004	2.16186522	2.18060611	1.89173179	2.06365473	2.33660012
0.238	0.172	3.94058546	4.08369292	3.71236887	3.79130322	3.90359337
0.397	0.414	4.03545273	4.23359086	3.79572292	4.00993469	5.31067104
0.02	0.004	2.50962287	2.79406426	2.07984341	2.7267927	1.51944105
0.095	0.074	3.83067463	3.94520383	4.09931603	3.77418759	4.95831502
0.091	0.102	0.60198005	0.37107663	0.50323359	0.63212543	1.57372833
0.377	0.475	5.08737982	5.15036503	5.73899621	5.68487745	5.21932236
0.31	0.307	4.03454087	4.1833502	4.06766449	4.2194552	4.31857354
0.056	0.07	2.56759826	2.92011602	2.62516276	2.65323257	2.72058413
0.016	0.008	0.38353202	0.36305484	0.28104552	0.4297426	3.50293171
0.659	0.623	5.79867491	6.14745343	5.45002453	5.56815804	6.13482384
0	0	1.00E-04	0.00401957	1.00E-04	1.00E-04	1.00E-04

0.032	0.016	0.96253916	1.16018345	1.12616108	1.24292421	1.43033218
0	0	1.00E-04	0.10977786	0.05846375	0.1120465	1.00E-04
0	0	1.00E-04	0.00368836	0.00248053	0.00994707	1.00E-04
0.655	0.672	5.65371614	5.82001476	5.41851942	5.51570521	5.82652016
0.083	0.111	2.07653903	2.01759474	1.97983312	2.08202017	2.12505003
0.234	0.32	4.5584415	4.59080867	5.21158433	5.23894152	4.70604567
0.004	0.004	1.45532925	1.79770127	1.16821641	1.56773292	1.40666528
0.016	0.004	2.98406363	3.6661156	2.82679366	3.0261736	3.54451251
0.004	0.025	0.11765048	0.34250892	0.3581933	0.24900326	0.28222255
0.159	0.107	3.20699828	3.37896365	3.11154516	3.40938438	3.29262574
0.222	0.164	5.32095727	5.15002323	5.93452313	5.98665325	5.32749655
0.016	0.025	0.9033889	0.88857401	2.18468227	2.42498005	1.91544324
0.024	0.008	3.51791233	3.49795084	3.1502175	3.2473124	1.47431738
0	0	0.32461242	0.30879982	0.23908395	0.28432481	0.22373932
0.575	0.561	1.53515695	1.75794604	1.5946155	1.80052124	3.43651155
0.02	0.008	0.16845359	0.09103233	0.29762678	0.27190384	0.40581997
0.008	0.02	1.39523464	1.65049091	1.16382809	1.2892714	1.46123246
0.437	0.426	5.02048595	5.01309456	5.90150745	5.76502015	5.26749872
0.04	0.045	2.38904956	2.66801895	2.28997939	2.44643795	3.40610711
0	0	1.00E-04	0.03408454	0.00633176	0.02141811	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02	0.016	1.4901705	2.27771085	2.75095765	2.28573467	2.23542804
0.083	0.049	2.44902436	2.59632683	2.6072283	2.72965513	2.63702211
0.091	0.094	3.15219526	3.1216153	3.26797654	3.22590722	3.16710602
0.159	0.172	3.38064382	3.38382493	3.47936864	3.52761247	3.52526355
0.103	0.127	3.40591283	3.25356292	3.00773039	3.21911264	3.4425094
0.401	0.299	0.13637025	0.31998774	0.57300817	0.13069074	1.00E-04
0.008	0	0.04741125	0.08273888	0.12793457	0.18449841	0.10012767
0.131	0.131	3.3517629	3.36936506	3.37585073	3.5651035	3.26775384
0.075	0.037	2.85952605	2.70069053	3.30849078	3.28780781	2.96788763
0.067	0.094	2.22527315	2.2344767	2.42726159	2.56374587	2.52747079
0.067	0.074	2.6062837	2.4777589	2.80043748	2.89724869	2.64793505
0.25	0.23	4.56116353	4.78827624	4.58987182	4.65453248	4.55658399
0.052	0.041	2.55936847	2.54124746	2.94902783	2.86353593	2.69592024
0.004	0.004	0.7113829	0.79388745	0.55423582	0.65854709	1.02994331
0.004	0.008	0.83787309	1.14520465	0.63857523	0.72724306	0.59672112
0	0	0.15429896	0.19231829	0.23015683	0.34516575	0.09761665
0.024	0.012	0.40656668	0.49329711	0.41648751	0.5666858	0.80605254
0.175	0.176	5.3681442	5.47458938	5.55474243	5.55532577	5.34398459
0.151	0.119	3.3986622	3.58585278	3.26925178	3.51488137	3.50611674
0.127	0.098	3.09715853	3.14184919	3.23621003	3.26364811	3.18115984
0.127	0.123	3.39042275	3.31484289	2.96030669	3.07006663	3.527718
0.484	0.467	5.25535157	5.4840851	5.07051266	5.17382609	5.18508809

0.147	0.184	3.74294699	3.62342298	3.53759418	3.73511397	3.72806423
0.004	0.008	0.25670833	0.42228519	0.13675617	0.11568122	0.11673279
0.079	0.082	2.7120164	2.79082918	3.19940032	3.17247879	2.75946431
0	0	1.44837813	1.41835199	1.33655321	1.30806785	0.42865135
0.31	0.328	4.78107822	4.7040117	4.6176518	4.63619642	4.62158858
0.194	0.135	4.46095071	4.23752009	4.48319083	4.4690895	4.60554853
0	0.008	0.69545784	0.75936047	0.56204446	0.65156515	0.8463317
0.373	0.377	4.08462932	4.30526351	4.1018544	4.22403703	4.14776273
0.06	0.074	1.62186924	1.66024994	1.98584793	2.10157086	1.76385804
0	0	1.00E-04	0.01416193	0.01481453	0.01196355	1.00E-04
0.115	0.078	2.62929175	2.64935305	2.70908199	2.77632496	2.78372191
0.115	0.119	2.81395996	2.79905341	3.3911558	3.31521197	2.9751704
0.258	0.209	3.54687288	3.63343697	3.69685871	3.65578218	3.56750303
0.04	0.045	2.53510364	2.44035939	2.27135182	2.61390011	2.37303584
0.095	0.107	2.87564605	3.12398339	2.96153071	3.13068792	3.2316036
0.159	0.123	2.97812889	2.907067	2.95150211	3.09214083	3.2316551
0.163	0.16	3.67998766	3.76270353	3.52033248	3.7096138	3.78018612
0.067	0.07	2.4214987	2.72247294	2.67259275	2.84159784	2.52658877
0.115	0.09	2.50412387	2.58301405	2.65397405	2.76481402	2.90634654
0	0	0.00970164	0.02679334	0.06566289	0.04127607	0.30550684
0.083	0.074	2.43560394	2.3878448	2.7294202	2.74489398	2.67378548
0.008	0.008	1.42696193	1.20478552	1.64724505	2.03698214	0.8325411
0	0	1.00E-04	0.0420291	0.03176142	0.03252029	1.00E-04
0	0.004	1.00E-04	0.04778679	0.02100818	0.05812691	1.00E-04
0.004	0	0.39638749	0.60783442	0.45254902	0.21117139	0.98864035
0.012	0.004	0.12935861	0.25467007	0.22265422	0.37775741	0.25122891
0	0	1.00E-04	1.00E-04	0.00842729	0.00892576	1.00E-04
0	0	1.00E-04	0.02552703	0.00314821	0.01657745	1.00E-04
0.111	0.102	3.0978315	3.06710119	3.79319207	3.69296492	3.43362015
0.127	0.115	3.06191912	3.13827883	2.96646965	3.2406205	3.52926023
0.087	0.041	5.26738075	5.33673099	4.87100911	4.91097981	4.16154621
0.071	0.078	2.07838058	2.10728615	2.51264515	2.52527385	2.32077605
0	0	1.00E-04	1.00E-04	1.00E-04	0.00328725	1.00E-04
0.036	0.049	4.25908428	4.4165341	4.0316055	4.16019791	3.91951246
0.091	0.057	2.57865015	2.81366581	2.59505604	2.71571444	3.00449628
0.056	0.045	2.22964648	2.35024251	2.27207667	2.42027676	2.35837658
0.179	0.168	3.05549097	3.54353079	3.47158759	3.66653767	3.1718464
0.238	0.148	4.08868006	4.30087097	3.71810466	3.90095154	3.98847371
0.218	0.135	3.97548039	4.07725035	3.74293425	3.91844795	4.26078507
0.06	0.045	2.28968605	2.52729133	2.37303309	2.58830211	2.61796381
0.079	0.102	2.28807907	2.48385053	2.57492668	2.75850228	2.55120426
0.52	0.451	4.57720248	4.73950401	4.33292025	4.53792445	4.69981004
0.012	0.008	1.83139662	1.76915774	1.55663595	1.69282599	1.75125647

0.599	0.541	4.7506612	5.08374813	4.62318133	4.65303445	4.88983912
0.433	0.439	4.78576659	4.88435612	4.4970983	4.74091101	4.84983131
0	0	0.0462035	0.0895101	0.04590196	0.03778966	1.00E-04
0	0.004	0.07895063	0.03188372	0.07463191	0.07391888	0.15142728
0.004	0.012	0.92302195	1.10734649	1.10049465	1.01203941	0.43011518
0	0	0.10204404	0.33855164	0.11995459	0.11875744	1.00E-04
0.012	0.012	0.8873109	0.9073146	0.64515218	0.74337889	3.02419432
0.004	0.004	0.72363306	0.79622043	0.45335273	0.64457253	0.47299226
0.341	0.348	6.63890881	6.70983179	6.50831389	6.64716766	6.50581614
0.123	0.135	4.67480459	5.19001705	4.91196421	5.06545986	4.13255573
0.266	0.275	5.39889396	5.47496263	5.17750878	5.25730204	5.07625384
0.012	0	0.22792989	0.16978745	0.12360617	0.18152434	0.56355809
0	0	1.00E-04	0.02326061	0.00853198	0.00613534	1.00E-04
0	0	1.00E-04	0.15702452	0.02498251	0.00297653	1.00E-04
0.389	0.439	6.46863084	6.67511155	6.17102304	6.33536746	5.95411268
0.262	0.23	4.0852408	3.96051251	4.31251509	4.20889485	4.0623828
0.036	0.029	1.61618478	1.74465888	1.91738132	1.89881945	1.6949552
0.02	0.029	2.18395841	2.30763403	1.89249615	2.09132685	1.5405147
0	0	0.07437674	0.21195124	0.1311622	0.11471715	0.44126187
0.004	0	0.47294014	0.28939841	0.1994205	0.27981128	0.35814734
0.067	0.078	2.4462	2.6665562	2.72978756	2.7341698	2.61660708
0.06	0.029	2.32009246	2.2783213	2.36487946	2.45367492	2.48926276
0.171	0.172	2.62732589	2.6293186	3.1514902	3.17715046	2.82865882
0.23	0.213	5.73898574	5.76092345	6.26154087	6.2628143	5.30589428
0.004	0	0.3553747	0.32076803	0.35789114	0.43802659	0.28202832
0	0	1.00E-04	0.00937763	0.00953874	0.01278602	1.00E-04
0.317	0.287	4.3343587	4.62960235	4.15678482	4.38851367	4.45122127
0.071	0.098	2.91705934	2.99104072	3.75161849	3.5404159	3.19129751
0.19	0.234	1.79276703	2.2846465	2.39124428	1.60580917	4.01454172
0	0.004	0.64521116	0.54970598	0.36459025	0.43468078	0.62345887
0.052	0.053	1.68425776	1.96789254	2.02447801	2.1060515	1.99226945
0.123	0.09	4.09246121	4.05331655	4.11178103	4.20642275	4.65723937
0.063	0.086	1.12721559	1.46158274	1.15979865	1.50304304	1.17998286
0	0	1.00E-04	0.00388741	0.00866198	0.02274295	1.00E-04
0.063	0.086	3.59427989	3.86582704	3.33439745	3.52040745	4.03516121
0	0	1.00E-04	1.00E-04	1.00E-04	0.00575686	1.00E-04
0.004	0	0.11983291	0.09166276	0.07943684	0.08272687	1.00E-04
0.032	0.025	0.61462331	0.68065894	0.96191353	0.93767031	1.24790846
0	0	0.15288593	0.30193655	0.16668717	0.24549649	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.00257856	0.00167397	1.00E-04
0	0	1.00E-04	0.03786938	0.01635635	0.0556077	1.00E-04
0.012	0.004	0.31489089	0.38887302	0.19693893	0.24740689	0.12243033
0.028	0.02	1.38044289	2.02451489	1.50878319	1.85901728	2.66987885

0	0	0.05171985	0.241385	0.19150907	0.21390418	0.19949109
0	0	0.39460199	0.48889728	0.73022069	0.85909297	2.3152366
0	0	0.12210392	0.17206439	0.0771031	0.12763079	0.18284849
0.075	0.037	1.33691492	1.47551047	1.43426608	1.3963976	2.05267892
0.004	0.008	0.55549046	0.60906261	0.41770409	0.60264575	0.19936911
0.012	0.012	3.24269806	3.39286999	3.57307192	3.55118462	3.53046747
0	0	1.00E-04	1.00E-04	0.00187	1.00E-04	1.00E-04
0.123	0.127	0.25982026	0.16520046	0.10486546	0.12157202	0.74821634
0	0	0.22661575	0.07020035	0.08126889	0.1210934	0.07741301
0.123	0.127	0.21106403	0.30599628	0.2286324	0.23489624	0.23252061
0.004	0.004	0.17770004	0.16031464	0.10631959	0.10739853	1.00E-04
0	0	0.01850032	0.01419462	0.0124903	0.03613405	1.00E-04
0.167	0.18	1.25785984	1.61214643	1.74876586	1.87562288	1.84624016
0.063	0.041	2.10982208	2.24775429	2.14693033	2.12772787	2.12543632
0	0	0.02993202	0.00892905	0.01679321	0.05188958	1.00E-04
0.321	0.344	2.00530564	2.15041471	2.29612059	1.80431896	5.10019242
0.008	0.004	0.40974364	0.05027416	0.07365392	0.1237046	0.19704048
0.012	0.008	1.76888598	2.00370876	1.34133931	1.48076825	1.71773433
0.028	0.02	0.59748225	0.68127136	0.63764539	0.70031325	1.08529797
0.048	0.033	0.04691016	0.06372904	0.09783558	0.10511234	1.00E-04
0.008	0.025	1.00E-04	0.02111996	0.10140319	0.0740228	0.09574302
0.004	0	0.09116112	0.07978592	0.03560587	0.03721813	1.00E-04
0	0	1.00E-04	1.00E-04	0.00416007	0.00505591	0.36226464
0.099	0.07	4.52623229	4.28677517	5.02407144	4.90396298	4.55930849
0.004	0.004	0.34674213	0.10257843	0.09782309	0.09144892	2.3012192
0	0	1.00E-04	0.0242134	0.0072418	0.00784955	1.00E-04
0	0	0.21567133	0.09721332	0.12731033	0.16051117	0.05079243
0.004	0	0.44188185	0.33721654	0.52175525	0.6410939	0.99416636
0	0	0.09383392	0.14701572	0.07265963	0.06562617	0.08939283
0	0	1.00E-04	0.02155921	1.00E-04	0.00293171	1.00E-04
0.012	0.02	1.15843468	1.15067365	0.61753702	0.74581341	1.44394709
0.004	0	0.60605477	0.40530489	0.44213057	0.53878531	0.3048053
0	0	1.00E-04	0.00427022	1.00E-04	1.00E-04	1.00E-04
0.02	0.041	1.37116375	1.29959249	1.27491817	1.39150135	0.77903386
0.294	0.27	2.54019321	2.70370391	3.07095692	2.79379114	3.6972016
0.167	0.18	1.29484176	1.581902	1.45162484	1.43892821	2.67599189
0.012	0.02	0.60341743	1.06783244	0.57098586	0.51701482	1.01672807
0	0	2.05679494	1.98468868	1.96618624	1.95309669	1.83481414
0	0	0.31231578	0.27621259	0.11211635	0.13034058	0.29528355
0.016	0	1.93099411	2.26567099	2.93400285	2.61730763	3.1360149
0	0.008	0.82674753	0.50737409	0.94319102	1.12602532	0.14572573
0	0	0.30380598	0.68367827	0.26347789	0.41037069	0.75197989
0.032	0.025	1.00E-04	0.00502366	0.00457066	0.00245957	1.00E-04

0.278	0.234	4.00288597	4.03836184	3.61670427	3.71958688	4.03863154
0.131	0.102	3.28079451	3.28271725	2.81776909	3.0162977	2.95033628
0.012	0.012	0.93956898	0.99381443	1.08645254	1.09602421	1.08690826
0.004	0	0.45042096	0.74638953	0.32969612	0.37344238	1.02979085
0.012	0.008	3.37408008	3.16729565	3.59889944	3.71400614	2.70017968
0	0	0.01521015	0.09230285	0.0704533	0.12620995	1.00E-04
0	0	0.79644056	1.15283927	0.70419351	0.83844282	0.64118042
0	0	0.03520714	0.15243468	0.06136282	0.07479084	0.07191576
0	0	0.03781462	0.02108009	0.03857555	0.06079246	1.00E-04
0.004	0.004	1.31579879	1.32894629	1.47614039	1.54945714	0.92021203
0.329	0.238	6.34005578	6.39987228	6.10272316	6.19393955	5.84240775
0.063	0.045	2.65594422	2.85041493	3.18594555	3.14144005	2.87885971
0.151	0.143	3.05770049	3.10025082	3.49840108	3.34102617	3.31727595
0	0.02	1.42695983	1.40657276	1.27748227	1.39330035	1.37860659
0.052	0.049	1.2692842	1.61586118	1.3782374	1.60115801	1.50821873
0.274	0.266	3.59414662	3.48198902	4.31596557	4.22461257	3.75004608
0	0.004	0.22623579	0.23417724	0.34941178	0.30907449	0.03185187
0.004	0.016	0.99952058	1.15744836	0.94941777	1.08114134	0.7129452
0.202	0.098	5.13370233	5.08279676	6.2772974	6.11966931	5.72422266
0.016	0.016	0.56120625	0.76848755	0.66872939	1.01950657	0.53836112
0	0	0.1354199	0.13228059	0.27995857	0.28020353	0.53028316
0.579	0.529	6.04530936	6.00648169	6.82840436	6.72398993	6.1504663
0	0	0.02729592	0.01758978	0.03074384	0.01844812	1.00E-04
0	0	1.00E-04	1.00E-04	0.00196345	1.00E-04	1.00E-04
0	0.008	0.07490547	0.08054608	0.091558	0.12686164	0.16432713
0.004	0	1.00E-04	0.08047008	0.14248762	0.10209848	1.00E-04
0.222	0.221	3.71992123	3.75725492	4.079506	4.05451714	3.93169766
0.48	0.385	2.18888647	2.53687969	2.52164094	2.600914	3.27848882
0.024	0.02	2.15145046	2.22534505	2.07103195	2.29415402	1.08740279
0.012	0.008	1.11920106	1.28704221	1.42660795	1.27383542	1.28641477
0.171	0.115	1.87861767	2.16642679	2.3736418	1.94616268	2.98557481
0.135	0.184	3.20128342	3.27875853	3.12445929	3.38720413	4.57672124
0.123	0.184	0.26019323	0.41425565	0.42286096	0.53207985	0.9079731
0.127	0.201	0.40201107	0.97786997	0.74745232	0.62927076	1.29420243
0.036	0.057	2.65708025	2.5548757	2.20769253	2.12870195	4.277089
0.024	0.037	1.27009586	1.6958491	1.15913882	1.15983422	2.43836892
0	0	0.11683651	0.14946504	0.05331391	0.06534096	1.03676617
0.544	0.557	5.81061482	6.07917637	5.86752386	6.00771959	6.05081038
0.008	0.004	0.2366501	0.25447446	0.17840273	0.25829194	0.23662353
0	0.012	0.38218411	0.35629497	0.2903141	0.29530695	0.33701982
0.107	0.127	2.41240864	2.66416548	2.60332135	2.89356358	2.60280746
0	0	0.26953725	0.26464414	0.30509204	0.34370774	0.05681065
0	0.004	0.05558484	0.05540508	0.02699228	0.08169038	0.03449192

0.032	0.029	4.58083936	4.57740026	4.5845434	4.58222656	3.58982788
0.024	0.02	0.33377317	0.85747097	0.33814364	0.46177862	0.28319706
0.004	0	0.36542023	0.45659447	0.42814218	0.66231325	0.64751477
0.091	0.066	2.71785849	2.54875111	2.94215855	3.00130369	2.73867282
0.004	0	0.08737579	0.10577161	0.06689052	0.09996215	1.00E-04
0	0	0.43685698	0.40760898	0.26552651	0.33698849	0.31416725
0.004	0	0.54160799	0.23769334	0.14458822	0.15190986	0.47606056
0	0	0.17399991	0.19257341	0.15496833	0.2447857	0.14541511
0.012	0.016	1.17777127	1.20764153	0.85136752	0.78515564	0.96524497
0.02	0.029	5.33605481	3.63539354	3.57083681	3.13735348	2.22456716
0.004	0	0.1345391	0.19556898	0.13827025	0.18699443	0.17481836
0.008	0.012	1.15034044	0.92237354	0.66807527	0.94386359	1.05677719
0	0	0.26153043	0.1835964	0.22201057	0.1719778	0.10143762
0	0	1.00E-04	0.07292557	0.03316364	0.05512395	1.00E-04
0.004	0	0.26930885	0.22837865	0.21364937	0.22363928	0.29817155
0.016	0.033	1.457022	1.37960939	1.28531238	1.3766054	1.49186637
0.004	0.008	0.93441426	0.91111207	1.04008176	1.19315516	0.65604133
0	0	0.04438236	0.15667554	0.05006932	0.09890243	0.20069074
0.004	0	0.21403801	0.26838049	0.13004039	0.16465017	0.0719681
0	0	0.74855763	0.92346159	0.70015865	1.01212554	1.16117651
0.004	0.004	0.49383623	0.70368007	0.55417429	0.6512004	0.53335607
0.004	0.004	0.81669193	0.87595616	0.9556717	1.06791105	1.39924053
0	0.004	0.30854085	0.46465758	0.25785638	0.33295912	0.20600317
0.004	0.004	0.77162322	0.87468018	0.56175224	0.6924079	1.26129372
0	0.004	0.9854866	1.30274499	1.47183865	1.08548816	1.15160787
0.179	0.127	3.75220064	3.85956294	3.68409032	3.75522808	4.05985093
0	0	0.01323963	0.03242173	0.00841643	0.01047812	1.00E-04
0.254	0.279	3.50447117	3.65664478	3.74171593	3.79705766	3.74176921
0.123	0.066	6.32306697	6.35117505	5.9325907	6.0737331	6.2172157
0.167	0.156	3.53529597	3.52489353	3.48771494	3.64645019	3.46700452
0.167	0.25	1.83232999	1.92987526	1.25527675	1.31085898	1.94387317
0.143	0.09	3.29245743	3.2478764	3.42102449	3.46975046	3.33021432
0.008	0.008	1.01779792	0.84385222	0.78766508	0.84178572	1.03993334
0	0	0.07019259	0.12507801	0.13976506	0.16200511	0.21073266
0	0	0.19145009	0.26118539	0.12248577	0.11459628	0.10788459
0	0.008	0.05453323	0.10692517	0.06823382	0.04572511	1.00E-04
0	0	1.00E-04	0.07193598	0.02781328	0.0084406	1.00E-04
0.008	0.004	1.37547812	1.28768139	1.38614132	1.74534029	1.33568595
0	0	1.00E-04	1.00E-04	1.00E-04	0.00317457	1.00E-04
0.008	0.004	0.10751233	0.24239651	0.15619199	0.2213952	0.27021417
0	0	2.24831784	2.38551753	1.11516304	1.02696385	0.55042858
0.266	0.246	5.60748136	5.95632855	6.33479872	6.24508667	5.59178506
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.131	0.123	3.55961908	3.44643409	3.85073114	3.85004659	3.79427362
0.024	0.012	0.90317171	1.02334577	1.43507481	1.32304642	1.26101255
0	0	0.0943296	0.17146037	0.08568796	0.13296384	0.06965089
0.083	0.082	2.98802683	3.02598761	3.38660378	3.38054009	3.06235562
0.016	0.02	0.54499914	0.5403598	0.49317226	0.7901793	0.68940513
0.052	0.037	1.43569179	1.66757907	1.80543642	1.80266816	1.43062096
0	0	1.00E-04	0.01499237	0.00491144	0.02677719	1.00E-04
0	0	1.00E-04	0.00357717	0.00614246	0.00423682	1.00E-04
0.159	0.148	5.9509628	6.06511729	5.91024025	5.83390132	6.03942757
0	0	0.59739457	0.52361263	0.65825684	0.875997	0.34300032
0	0	0.62213901	0.73313275	0.44031803	0.5595171	0.18366673
0	0	0.42630272	0.4306443	0.30127153	0.36052999	0.07676907
0.127	0.107	3.31609778	3.34800991	3.7924153	3.79114629	3.29459381
0	0.008	0.13433626	0.29918866	0.38523681	0.36959957	0.90699481
0.333	0.344	4.20776801	4.16803568	3.71415211	3.90593087	4.41497141
0	0.004	0.13113905	0.28312911	0.24195322	0.14828346	0.64747392
0	0.004	0.80948783	1.14007518	0.77884183	0.76229066	1.20807803
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.079	0.07	2.64742541	2.72855626	2.92113943	2.95521699	2.6240535
0.599	0.598	5.80822633	6.00610912	5.43294788	5.47637978	5.75896547
0.044	0.102	2.55542138	2.47461731	2.47885592	2.65227016	2.32111604
0.179	0.168	4.33110741	4.27174991	4.21157756	4.22108357	4.82876368
0.353	0.34	4.37364212	4.45573491	4.58025908	4.60498425	4.59352612
0.079	0.037	2.83046937	3.00502231	2.81368905	2.95339502	3.13390154
0.012	0.045	2.1006972	2.22176703	2.44022396	2.45327913	2.15292991
0	0.012	0.24561281	0.23600586	0.18930841	0.0778711	1.00E-04
0.004	0.004	0.02495686	0.23612385	0.10856284	0.05285727	1.00E-04
0.052	0.029	1.15994546	1.55439408	1.55991627	1.39008579	0.18045842
0.032	0.053	0.38667926	0.56721827	0.89498562	0.71872207	0.36584716
0.02	0.037	2.16305163	2.5469966	1.91807783	2.29784056	2.70989013
0.202	0.16	3.70328342	3.64169772	4.43677553	4.25408039	3.65446637
0	0	0.08203581	0.10750939	0.06828692	0.09198558	1.00E-04
0	0	0.29062938	0.17779256	0.13355972	0.14574221	0.22398977
0	0	0.1752961	0.23915947	0.47624731	0.3698097	0.44353632
0.04	0.029	2.1424347	2.22206143	2.81962597	2.77963668	2.05924185
0.036	0.033	2.63396174	2.59234836	3.43479154	3.24536823	2.76002018
0.052	0.029	3.46974654	3.15106993	4.32179573	4.20204608	3.57232865
0.04	0.012	1.66152552	1.62826285	1.53714364	1.62369461	1.1994556
0.687	0.582	6.10759366	5.955621	7.07981872	6.85918959	6.24140797
0.004	0.004	0.2487402	0.24419134	0.45960359	0.44282868	0.45486018
0.04	0.037	1.32672878	1.35466018	1.89864085	1.7619031	1.41629141
0.06	0.025	2.53509578	2.75811453	3.34150557	3.34070364	2.79569959
0	0	0.7257397	0.6234749	1.3588277	0.86371081	1.00E-04

0.52	0.406	5.46366363	5.92412498	5.04504559	5.1284271	5.191167
0.123	0.127	3.11140153	3.15713629	3.02211767	3.11160737	3.35108527
0	0	1.00E-04	0.0214108	0.00538217	0.02304722	1.00E-04
0.194	0.201	3.34641514	3.30376656	4.18255662	4.16853142	3.58375699
0.313	0.32	3.95827897	3.98177347	4.20277241	4.23223862	4.13915099
0.04	0.045	2.27605913	2.35097198	2.48607072	2.51153086	2.3129354
0.21	0.131	3.75650381	3.77574292	3.6977707	3.81992392	3.84317408
0.123	0.119	2.99429496	2.92166553	3.10850035	3.17306785	3.21906121
0.31	0.217	4.16936453	4.45641499	4.20222487	4.21867022	4.2005235
0.123	0.189	3.70256217	3.82442127	3.65957122	3.83849753	3.62350925
0.127	0.102	2.84565837	2.98742751	2.92638806	3.09109539	3.0054528
0.056	0.025	2.61454808	2.66029497	2.63005442	2.8267902	2.7161442
0.044	0.029	2.01199501	2.02874999	2.63326598	2.5160946	2.07446836
0.21	0.225	3.29314243	3.16737873	4.04169101	4.05498641	3.54369869
0.433	0.5	4.56162613	4.81786136	4.65247694	4.77335802	4.86470244
0.004	0	1.46417416	1.82764068	1.55877062	1.84878379	2.64927833
0.028	0.02	0.44606057	0.54564201	0.50115471	0.73759768	0.59096022
0.21	0.225	3.72056122	3.49363035	4.31815047	4.21607312	3.90094835
0.155	0.127	3.58808225	3.38201904	3.11136312	3.32179041	3.62705125
0.147	0.143	2.95559217	3.13727365	2.96414767	3.29464561	3.09654504
0.127	0.078	3.27206861	3.41528459	3.07409632	3.21078533	3.43751428
0.036	0.07	2.19706296	2.24042634	1.97170406	2.14419217	2.25783583
0.028	0.033	1.19050788	1.37805201	1.27809164	1.43117354	1.20859859
0.163	0.152	3.66271338	3.62662556	4.3474776	4.40808604	3.9283705
0.099	0.086	2.89601094	3.17432218	2.88140978	2.73150208	3.30715873
0.163	0.217	2.57468634	2.71720047	2.53428602	2.94026801	2.68498959
0.095	0.061	3.48301001	3.75470685	3.32177324	3.4257651	3.16517116
0.008	0.033	0.84187136	0.842289	0.99313541	1.13010011	1.14520901
0.258	0.168	3.36929775	3.4654022	3.39226009	3.38302711	3.56945327
0.044	0.033	2.17648957	2.11651768	2.42067302	2.4624223	2.44515648
0.075	0.09	2.18184929	2.26143824	2.628725	2.66445405	2.44176259
0	0.004	1.00E-04	1.00E-04	0.0053799	0.03380748	0.33302339
0.004	0.004	1.13131623	1.16553889	0.91840765	1.08716593	0.98571078
0	0	0.18412933	0.22971639	0.26995412	0.24613635	0.04972544
0	0	0.03154739	0.00671552	0.02002779	0.00445623	1.00E-04
0.012	0.012	0.54210276	0.54560603	0.52811669	0.6637446	1.16705453
0.004	0	1.00E-04	1.00E-04	0.01340674	0.00528729	1.00E-04
0	0	1.00E-04	0.02171447	1.00E-04	1.00E-04	1.00E-04
0.032	0.066	2.77877422	2.8604081	3.18830451	3.20638598	2.80321319
0.044	0.033	1.9859639	2.33562386	1.56980574	2.19050297	1.97369901
0.008	0.008	0.48179075	0.95780158	0.47014283	0.52176381	0.27120643
0.004	0.008	1.80662006	1.75471765	1.69894994	1.81667919	1.24988536
0	0	0.07074512	0.06349052	0.03956751	0.03108667	1.00E-04

0	0	0.01854646	0.02090197	0.00467872	0.08859023	1.00E-04
0	0	0.03095034	0.02673449	0.0205547	0.03049729	1.00E-04
0.091	0.111	2.62196221	2.47662631	2.20508102	2.44113794	2.63267706
0.222	0.193	3.23301724	3.2555318	3.96379209	3.91710044	3.59355722
0.012	0.004	0.28295708	0.26734178	0.11410912	0.0936699	0.06430658
0.135	0.111	3.40384499	3.46272392	3.64005928	3.78038093	4.19756077
0.004	0.033	0.79689833	0.83025032	0.74048701	0.85155642	0.9271098
0.238	0.299	4.02289908	4.1006749	3.81990965	3.99962982	4.16106021
0.004	0	0.15212048	0.10338752	0.06803296	0.14059026	0.08217862
0.071	0.078	2.67685939	2.6434701	3.21137094	3.15771095	2.63849633
0.004	0.008	1.7810317	2.05946676	1.89436987	2.29118764	0.55497419
0	0	0.0599505	0.01194116	0.01443243	0.04780883	1.00E-04
0.5	0.484	5.24327045	4.76686934	5.46455113	5.50826367	5.05525974
0.012	0.016	2.49561759	2.34834856	2.39263534	2.48030797	2.50474287
0	0	1.00E-04	0.03884198	0.02456002	0.02402549	1.00E-04
0.091	0.078	3.0445087	3.20575551	2.95647737	3.20663376	3.77393275
0.099	0.033	0.01751761	0.36118484	0.67437554	0.0881466	1.00E-04
0.361	0.225	0.70173573	1.11456238	1.36976344	0.62386633	0.39608309
0.06	0.045	1.00E-04	0.03368759	0.18605904	0.11349615	1.00E-04
0.048	0.037	0.01138106	0.05285739	0.30803351	0.20789628	1.00E-04
0.06	0.123	0.1636951	0.26056805	0.2292306	0.25183884	0.2475064
0	0	0.01481804	0.05356844	0.04043349	0.07121701	1.00E-04
0.242	0.225	2.71591001	2.63257745	3.87772514	3.51166541	3.32393691
0.27	0.205	4.12912209	4.27653703	4.94004231	4.82871829	4.54065725
0.079	0.086	1.95537337	1.98305041	2.56007248	2.50332942	2.29136711
0.381	0.316	5.08804468	5.02608446	5.19368126	5.12644102	5.3386864
0.004	0	0.17070882	0.27106365	0.17238833	0.19852108	0.25827428
0.54	0.578	4.9481586	4.82085124	5.85725628	5.79521179	5.11810196
0.075	0.033	3.38535904	3.20124733	3.31380395	3.34927	3.33016711
0.067	0.041	3.53505077	3.41776251	3.76695272	3.91334609	3.5883307
0	0	1.00E-04	1.00E-04	1.00E-04	0.01188451	1.00E-04
0.079	0.143	2.02761515	2.02601255	2.19629963	2.22058235	1.98925543
0.02	0.029	4.11529968	3.82185071	4.38660512	4.54646803	3.80475284
0.27	0.246	4.20596432	4.05228516	4.14900545	4.1310456	3.96054598
0.198	0.184	3.18157187	3.27767685	3.52782928	3.43274164	2.95038177
0.143	0.119	3.93235672	3.69832457	4.31908088	4.36895742	4.13215068
0.202	0.156	3.28971857	3.45348836	2.89719234	3.0197866	3.41482629
0.079	0.094	4.25177298	4.29436691	4.16337766	4.33650519	3.84637747
0.119	0.131	3.76393419	3.72194384	4.02475692	4.06484533	3.61971645
0.246	0.25	4.41673726	4.36051689	4.57561361	4.56724328	4.29874713
0.222	0.209	4.50536269	4.37939357	4.84227108	4.7982602	4.49123521
0.19	0.184	3.35054741	3.46026257	3.98754847	3.9737699	3.54792637
0.099	0.07	1.50302551	1.58868102	2.2213564	2.30834171	1.44543386

0.028	0.004	3.80783383	3.99884164	3.47091437	3.68992906	3.40031907
0.004	0	0.01171133	0.00496326	0.00800172	0.02140788	0.06042531
0.008	0	0.1292581	0.27445833	0.0538721	0.10585523	0.10739147
0	0	0.06550656	0.18073624	0.10304847	0.13592561	0.16316822
0	0	0.20466294	0.05855054	0.04878983	0.03687345	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00331757	1.00E-04
0.099	0.111	0.17349056	0.24510932	0.13343825	0.16174782	0.80009968
0	0	1.00E-04	0.00908965	0.00880614	0.00872298	1.00E-04
0.012	0.029	1.60408604	1.72874604	1.82942787	1.92696019	1.15326269
0.067	0.098	2.56426754	2.66333421	2.98084991	2.96986615	2.65280499
0.095	0.111	2.00566379	2.18704887	2.10476484	2.38420604	2.18651251
0	0	2.08729621	1.85093499	1.41889495	1.52927718	1.93807667
0	0	0.13356102	0.14580176	0.11541835	0.18088479	0.18918295
0.02	0.012	2.02453935	2.23619792	1.75501032	1.95211485	2.01267864
0.004	0.008	0.11916995	0.11609832	0.17199797	0.27856321	0.25090312
0.167	0.209	3.05905186	3.22173987	3.2645936	3.32314099	3.22728552
0.075	0.119	2.29541292	2.54321259	2.66433038	2.70080544	2.75432833
0.071	0.115	3.05946653	3.16396273	3.57534294	3.41853385	3.08214436
0.04	0.049	1.76349256	1.61684809	1.87254701	1.93447155	1.99633795
0.036	0.02	2.88025774	2.92870685	3.47237775	3.50569606	3.13405133
0.052	0.025	1.16821258	1.35740068	1.21347157	1.45689174	1.47038493
0.163	0.139	3.4654207	3.45122617	3.1703343	3.31441997	3.37052976
0.048	0.033	2.08268628	1.92342567	2.03688139	2.12458001	2.14619461
0.04	0.045	2.62113619	2.65388257	2.33137242	2.61781077	2.60716837
0	0	1.00E-04	0.06678824	0.0084191	0.01422669	1.00E-04
0.024	0.008	0.71734385	0.94441586	0.84182578	1.03362472	3.77979184
0.147	0.131	2.89853547	3.07881475	3.74945824	3.7436274	3.1788384
0.004	0.004	1.01550084	1.00805964	0.70667145	1.26943995	0.65321448
0.008	0.008	2.22590877	1.5563592	1.35620184	1.8834049	1.6327142
0.016	0.012	4.26348696	2.91891511	2.45106241	3.57413894	0.53966636
0	0	1.00E-04	0.02211686	1.00E-04	1.00E-04	1.00E-04
0.028	0.02	4.36169875	4.20409082	4.82092031	4.50381419	4.75328597
0	0	1.00E-04	0.01984669	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00814055	0.00443649	1.00E-04
0.325	0.303	3.91225498	3.89344338	4.03872279	4.02886818	3.99709732
0.004	0.008	0.80640047	0.84388352	0.94168244	0.732561	1.28012299
0.456	0.414	4.8893126	5.02008751	4.84342368	4.71390327	4.79323397
0	0.004	0.01593928	0.09049744	0.06394947	0.09689647	0.05234972
0.056	0.082	2.62973211	2.75591684	2.68614701	2.81266142	2.87575792
0.052	0.033	2.20686472	2.21625161	2.76964743	2.7151113	2.44966434
0.107	0.143	3.01642201	3.02975169	2.77957068	2.88970163	2.88026145
0.04	0.029	4.58733437	4.5922937	4.68408799	4.68908732	4.90036505
0.369	0.385	3.98610611	4.05921722	4.20358131	4.29093377	4.35338876

0.008	0.004	0.68508649	0.57762785	0.58914002	0.55041506	0.59899799
0	0.004	1.91902589	1.86939713	1.62166707	1.74238302	1.46885752
0.004	0.012	0.23336841	0.35747726	0.5532308	0.44216147	0.73474422
0	0	0.07079708	0.05635952	0.03825925	0.05197533	1.00E-04
0.008	0	1.00E-04	0.04335342	0.0277977	0.04367159	1.00E-04
0.008	0.012	0.49978557	0.40671306	0.36942451	0.45720409	0.26847672
0	0	1.00E-04	1.00E-04	0.0091075	0.00267594	1.00E-04
0.373	0.41	1.80307161	1.5337269	2.83586545	2.48417443	2.76462536
0.242	0.238	3.14815016	2.99089705	3.44928066	3.47457856	3.34682563
0.115	0.098	2.45881644	2.61726258	2.51003522	2.71887893	2.33872701
0.008	0.012	1.0267524	1.18312322	1.19202912	1.31761981	0.85721588
0.23	0.197	3.33576864	3.33077529	3.54565941	3.60736225	3.77233628
0.103	0.123	2.97960215	3.23590825	2.92072083	3.20504861	3.37984411
0.282	0.221	4.85054685	4.80665789	4.26126469	4.35182501	4.9110128
0.155	0.127	3.31900768	3.43994016	3.40990804	3.52990681	3.64328076
0.063	0.033	1.87563039	1.9552675	1.99528619	2.05960729	1.92950928
0.175	0.172	1.82725348	2.17085662	1.92201596	1.98409685	2.15978972
0.27	0.27	4.70700659	4.78607365	4.45247093	4.59614167	4.89566222
0.218	0.258	2.48220128	1.78708209	1.48554578	1.81511289	4.82286914
0	0.016	0.24163012	0.2316214	0.09961577	0.19133324	0.08620641
0.123	0.102	3.86383869	3.66658367	4.52981955	4.59961914	3.75093689
0.06	0.037	2.04053254	2.01912035	2.74126618	2.75201591	2.19840359
0.127	0.131	3.24938798	3.30485551	3.56092331	3.50319321	3.33932394
0.063	0.053	2.43968859	2.44919673	2.59267685	2.61583732	2.5154257
0.111	0.143	2.00888567	2.16045918	2.33368279	2.77118475	2.38878065
0.06	0.057	2.42158582	2.37316037	2.34431269	2.41700187	2.17386609
0.004	0.004	1.21100382	1.39398636	1.95213283	1.9972131	1.48811136
0.06	0.041	2.17031317	2.53280916	2.39412666	2.43646135	2.31765588
0.492	0.426	4.82323035	4.72755304	4.84694147	4.91309456	4.81363168
0.008	0.008	1.25027703	2.14251976	1.23843591	1.42773134	1.6367301
0.194	0.152	3.83827801	3.79357662	3.74770815	3.91441557	3.69615786
0.107	0.148	3.47427153	3.59911654	3.13988221	3.54122839	3.33348029
0.04	0.037	0.9258903	0.88624779	0.91195869	1.10119625	0.79007744
0.214	0.217	4.60928455	4.86736667	4.27635635	4.46519321	4.53944853
0.238	0.176	4.08237018	5.05718953	3.78274568	4.06902381	4.18144385
0.087	0.07	2.96316937	2.99586398	3.16141123	3.41576494	2.99945249
0.06	0.037	0.5708114	1.02982594	1.37665994	0.42192813	0.56989029
0.044	0.045	3.27212776	3.3435155	4.08837641	3.99813894	3.26686213
0.139	0.123	3.29808183	3.02569716	4.05711831	3.87604699	3.06942008
0.254	0.225	3.97666815	4.02646578	3.86881397	3.87822039	3.83264206
0.353	0.385	4.70632867	4.83468919	4.45736225	4.55765355	4.80954948
0.012	0.008	1.21017342	1.16005081	0.57437356	0.79761258	0.5789209
0.044	0.037	2.66861586	2.60739787	2.57934736	2.62700944	2.30505572

0.385	0.365	4.76047858	4.95533904	4.33370434	4.54966403	4.73632359
0.008	0	1.45321008	1.43171261	1.86851764	1.91257199	1.34373123
0.056	0.053	1.55576539	1.98413165	2.34875714	2.41501648	1.72153872
0.262	0.258	1.44008716	1.44709485	1.25189192	1.52726808	1.5645799
0.091	0.09	2.10728804	2.3252537	2.0124198	2.42800072	2.40123848
0.119	0.135	2.25750081	2.25035532	2.14309793	2.27762872	2.48350342
0.226	0.189	3.22278079	3.34218883	3.13890844	3.27984837	3.33854168
0.532	0.488	4.89697435	5.01970497	4.41994503	4.72975684	4.76541308
0.067	0.033	2.52468667	3.8750783	2.58956376	2.87158884	2.49068643
0.004	0	1.00E-04	0.05217306	0.01055766	0.00797312	1.00E-04
0.079	0.115	2.44704271	2.35454042	2.54936949	2.82366442	2.60132342
0.012	0	0.3041769	0.36054943	0.27925477	0.36432498	0.35196834
0	0	0.09885965	0.10278628	0.06408196	0.05742316	1.00E-04
0.004	0	0.52704161	0.30473743	0.51004493	0.4710897	0.85315389
0	0	0.1551468	0.12181386	0.04085513	0.04945464	0.18541056
0.008	0.012	0.93594286	1.25562811	1.05689123	1.3138551	0.7979473
0.702	0.594	4.93928911	5.19824584	4.58328743	4.76213858	5.12388127
0.421	0.426	4.71284334	4.89873565	4.44301309	4.62631506	4.85352322
0.603	0.607	5.55153382	5.79239991	5.05796928	5.24119225	5.05228908
0.079	0.057	3.59969954	5.39279571	3.65517915	3.98977573	3.46958259
0.238	0.23	3.72012049	5.49205826	3.15395489	3.96973213	3.88642633
0.397	0.348	4.65020837	4.50935232	5.28588249	5.08985479	5.00070495
0.246	0.283	3.58560547	3.69655792	3.71327281	3.86170945	3.63990771
0	0.004	0.45311882	0.5389035	0.46642575	0.49028751	0.57220933
0	0	0.05486772	0.12504006	0.0816755	0.11417853	0.04600365
0	0	0.02677248	0.01307068	0.00212886	0.00521517	1.00E-04
0	0	1.00E-04	0.20462234	0.08945398	0.09319075	1.00E-04
0	0.004	0.57278143	0.78692878	0.90657691	0.98110902	1.15916039
0.008	0	1.24188013	1.15016668	0.94723331	0.90434562	1.80706108
0	0	0.39162895	0.26630483	0.23455968	0.27105709	0.30397594
0.214	0.205	4.89544238	4.98030492	5.07811947	5.17664402	4.78262558
0.329	0.254	5.79223202	6.11369943	6.39570671	6.30770572	5.69961247
0.175	0.217	3.29463221	3.53343742	3.07900241	3.32953146	3.29980439
0.175	0.094	2.59211909	2.67351903	3.01061692	2.4465243	3.42591638
0.02	0.004	0.8357602	1.06087133	1.11398578	1.10599888	0.9936113
0	0	0.01745639	0.02007678	0.04362787	0.06040933	0.25890216
0	0	0.18152242	0.0966531	0.03655428	0.06040546	0.18794114
0	0	1.00E-04	1.00E-04	0.00742109	0.00833729	1.00E-04
0	0.004	1.25317695	1.80616326	1.77972813	1.61376427	1.25252914
0	0.008	0.34526086	0.38891844	0.19967393	0.38940456	0.44904393
0.012	0.008	1.14659936	1.31248452	0.67441832	0.86563987	1.03987283
0.004	0	0.5858209	0.50661949	1.078595	1.25614706	2.01723167
0	0	0.0192255	0.01349804	1.00E-04	0.0049303	0.07919782

0.016	0.004	0.93798255	0.96729944	1.11629571	1.17755792	0.96269467
0.083	0.082	2.91107034	2.92805108	2.9315089	2.97962271	3.03940492
0.274	0.221	4.38041011	4.40034833	4.16283432	4.38977902	4.34528281
0.099	0.078	4.50338113	4.61120818	4.05734756	4.08917189	3.11294987
0	0	0.00933149	0.00920535	0.01429644	0.00981332	1.00E-04
0.075	0.045	2.84088359	2.845789	3.40383483	3.48936088	3.361288
0	0.004	0.12673176	0.04543607	0.01870858	0.03666451	0.16133447
0.004	0.012	0.67869601	0.63379164	0.50736097	0.51661429	2.66882465
0	0	0.12306475	0.29609811	0.18542987	0.37603232	0.12616466
0	0	1.00E-04	1.00E-04	0.04344809	0.02588757	1.00E-04
0	0	0.03991566	0.15362303	0.09828837	0.13973841	0.17396847
0.004	0.004	0.1451435	0.13105522	0.08348765	0.13614693	0.46395517
0.171	0.168	3.83795733	4.02357041	3.7941188	3.87002799	3.82344003
0.21	0.246	3.88885605	3.97907409	3.62381329	3.71731954	3.74805483
0.012	0.012	0.16125417	0.10332071	0.10253621	0.138965	1.80416077
0.063	0.049	3.47506793	3.41192114	3.04838458	3.34218288	3.52942096
0	0.004	0.58784055	0.41870053	0.19714615	0.30821026	0.05513446
0.341	0.299	5.53044865	5.60866869	5.45965269	5.17424595	6.07555378
0.139	0.074	2.73658346	2.79255644	2.83893968	2.96355774	2.85937612
0	0	0.02354432	0.08921436	0.03154581	0.10663993	1.00E-04
0.06	0.049	2.90677801	2.88878205	3.33445496	3.33359749	2.88645322
0.024	0.033	0.78897991	0.68406783	0.83317034	0.98932868	0.95799637
0.012	0.004	0.56480437	0.62478162	0.46134957	0.47570307	0.33778954
0.159	0.139	3.14250591	2.96058293	3.84457273	3.67668171	3.37997677
0.25	0.18	3.39163104	3.51143994	4.16550991	4.14209704	3.62128151
0.016	0.008	1.16764708	1.17691193	1.52358161	1.60609726	0.59490136
0.024	0.057	1.65744124	1.79781658	1.95997202	2.16173207	1.59461062
0.54	0.615	5.31369818	5.3076015	6.16063576	6.14220039	5.49570812
0.119	0.119	3.00729515	3.144844	3.83006634	3.70906481	2.98131401
0.048	0.045	1.96073831	1.98606318	2.02724427	2.07979153	2.06602998
0.548	0.529	4.65984822	4.57733499	4.61337522	4.69778547	4.97858735
0.099	0.094	0.18665666	0.57819581	0.39701045	0.41607948	0.80029203
0.242	0.217	4.05608041	4.17637494	4.09021113	3.94573131	4.05512502
0.369	0.336	6.88974747	7.13782724	6.71632694	6.77642597	6.39212175
0.417	0.385	4.80514981	4.86582427	4.3770751	4.59056755	5.18496762
0.004	0.008	0.25253267	0.79327496	0.49928372	0.56211542	1.01273383
0.19	0.176	4.655901	5.36149999	4.15777994	4.45741091	4.62101275
0.04	0.029	2.15166639	1.98644944	2.1109067	2.13469453	2.22446286
0.008	0.004	0.32743127	0.13915742	0.40273287	0.37428056	0.15062753
0.02	0.012	1.13100606	0.97629014	1.17188024	0.90510972	1.2765429
0.123	0.131	2.80643897	2.96892235	3.94775148	3.42258035	2.84054873
0	0	1.00E-04	1.00E-04	0.01895867	1.00E-04	1.00E-04
0.369	0.238	3.61285393	4.03621461	3.31158124	3.31529001	3.91204323

0.02	0.008	0.46008985	0.94968205	0.64079465	0.48053876	0.81322469
0.016	0.008	0.04026262	0.12938869	0.23221509	0.08484994	0.14783112
0	0	0.04950027	0.06914828	0.01951119	0.02486514	0.398802
0	0	1.00E-04	0.04701063	0.0381413	0.01597639	1.00E-04
0	0	1.00E-04	1.00E-04	0.00155656	1.00E-04	1.00E-04
0.028	0.004	0.75238309	1.27523482	1.09818053	0.69152788	1.09589799
0.028	0.02	1.14123158	2.00565771	1.24447579	1.11347906	1.7605365
0.083	0.033	2.07117779	2.56881708	2.09128069	1.94226317	2.35806636
0	0	0.09611821	0.09925589	0.05259543	0.04915039	0.25417264
0	0	0.22014621	0.19220124	0.07508084	0.12736755	1.00E-04
0.012	0.016	0.9094279	0.56067714	0.58290845	0.63254178	1.18320119
0.02	0.008	0.28692106	0.35786891	0.48709754	0.4197014	0.96065644
0.365	0.369	3.21257333	2.94824999	3.90281577	3.64922801	3.77766456
0.028	0.02	1.00662702	1.3488684	1.27452147	0.65455426	1.90468824
0	0.004	0.16299742	0.28058751	0.40900458	0.58374732	0.04953157
0	0.004	0.15857772	0.12982941	0.05027468	0.07438787	0.08267434
0.409	0.41	4.93275782	5.17108186	4.55376543	4.45147234	4.85571859
0.417	0.344	4.2371597	4.51116724	3.88749252	3.77623129	4.69039112
0.143	0.127	4.08524418	3.85631775	3.79038575	3.99272449	4.74004537
0	0.004	0.77128754	0.72773711	0.63954434	0.69920957	0.79554857
0	0	1.00E-04	1.00E-04	0.00168063	0.03204502	1.00E-04
0.325	0.344	4.6845956	4.81582093	4.64811193	4.76047653	4.80759596
0.032	0.012	3.69836389	3.82898052	3.71998947	3.85921843	3.82071943
0.048	0.029	4.16293238	4.24113235	4.29506887	4.42375022	3.85586331
0	0	0.3212439	0.32465314	0.31942877	0.29890929	0.14731415
0.353	0.336	5.55446653	5.66377815	5.10896895	5.1868559	3.90341433
0.036	0.029	0.04170898	0.11364869	0.07239069	0.15610688	1.00E-04
0.151	0.131	2.76620817	2.73946596	2.90833105	3.04800183	2.47832884
0.008	0.004	1.80664532	2.00961289	2.11296538	2.0856582	2.29336138
0.242	0.197	3.43379851	3.44946379	3.56564519	3.49010103	4.08036149
0.274	0.25	4.43427769	4.69937478	4.01188053	4.19887773	4.36917628
0.016	0.02	1.80549972	2.11199078	2.21863554	2.26672464	2.00121266
0.056	0.086	2.40222529	2.40838046	2.52252625	2.54458104	2.51240956
0	0	0.76842895	0.51639418	0.40331562	0.51507396	1.68122254
0	0	0.26476177	0.30383169	0.23021546	0.32882251	0.41952704
0.143	0.148	3.14121113	3.26550807	2.99746276	3.19183706	3.30734791
0.107	0.082	2.8404382	2.73859403	3.30682816	3.18379053	2.87555593
0.147	0.143	2.72462666	2.79111714	3.32502731	3.2120255	3.3842726
0	0.008	0.09725774	0.18184101	0.12537156	0.11680462	0.31242512
0.631	0.639	5.04100754	4.96355063	5.53323034	5.41661355	5.31446002
0.202	0.209	3.37616562	3.12114225	3.50312805	3.58110339	3.50766873
0.028	0.029	0.9359337	0.90129629	1.16667691	1.28380412	1.21285033
0.075	0.082	2.85241322	2.95646443	2.86635395	3.14815831	2.42079923

0	0	0.07257996	0.00644128	0.00927922	0.00377862	1.00E-04
0.111	0.172	2.47676248	2.57853603	2.3139586	2.40013649	2.73754177
0.21	0.189	2.68705701	2.57171131	2.75185699	2.6161902	2.88295595
0	0.004	0.08321999	0.17457751	0.18193733	0.23857579	0.15003323
0.313	0.344	3.7922063	3.65884273	4.13056392	4.06725076	4.51871247
0.155	0.115	3.48592705	3.30216821	3.73566766	3.7934196	3.74954922
0.234	0.283	3.96229381	3.81976574	4.57396995	4.63215808	4.30674591
0.079	0.066	2.08616218	1.869103	2.01441784	2.13049559	2.48724637
0.02	0.008	1.08618234	1.4953434	1.45662978	1.51809274	1.40559019
0.155	0.152	3.41651804	3.60274238	3.32344787	3.4930275	3.70772753
0.151	0.111	3.10089394	3.39794742	3.18619945	3.35159794	3.37259836
0.004	0.004	1.14411736	1.24250241	1.03741957	1.17465399	0.90798594
0.028	0.008	2.72355393	3.09372023	3.57235322	3.1257828	2.88145923
0.234	0.213	5.5509452	5.63430391	5.94113929	5.80154223	5.58146346
0	0	0.01212837	0.0262938	0.00658074	0.00718116	1.00E-04
0	0.012	0.24585764	0.43782018	0.23955164	0.36865869	0.44073647
0.004	0	0.06529692	0.07554283	0.06745629	0.08215284	1.00E-04
0	0	0.04317957	0.01824213	0.02096631	0.02790106	1.00E-04
0.004	0.004	0.78010957	0.6816889	0.46203992	0.60402004	0.11605035
0.028	0.012	3.63386683	3.49901578	3.67307271	3.90180039	3.98030297
0.183	0.213	3.46947412	3.15668235	3.84182052	3.71278102	3.72722915
0.393	0.389	4.48492876	4.16255894	4.94266124	4.86445768	4.88078898
0.004	0.004	0.20880075	0.30557261	0.35652603	0.38512628	0.45446287
0.837	0.775	6.13726039	5.90519326	6.10208349	6.06790029	6.48657777
0.508	0.414	4.6737623	4.51090697	4.82290839	4.86911437	5.02571634
0.321	0.316	4.49025857	4.11535926	4.67929974	4.60710257	4.73339203
0.627	0.623	5.04347176	5.26545468	5.20970278	5.14577041	5.25747423
0.516	0.443	4.45166764	4.48837737	4.41465599	4.5627559	4.87826442
0.385	0.414	4.46652792	4.50563061	4.72551264	4.73526393	4.71693614
0.544	0.57	4.46997028	4.37561122	4.90114475	4.85457238	4.74014605
0.556	0.48	4.59186301	4.6290538	4.46693689	4.63518204	4.78181343
0.115	0.127	2.96922168	2.81744821	3.11993924	3.09080803	3.29123848
0.44	0.504	4.22374355	4.14705913	4.42293184	4.45671331	4.47904763
0.552	0.607	5.00657288	4.88276663	5.19369775	5.2274495	5.19468124
0.242	0.205	4.24952753	4.28345347	4.08712977	4.17409597	4.45862731
0.198	0.221	3.72650064	4.02123108	3.52823018	3.7516133	4.10124493
0.429	0.447	4.51284014	4.53200145	4.63768664	4.72246846	4.78236544
0.401	0.447	4.18776401	4.14542765	4.40376431	4.45361151	4.42660839
0.615	0.566	5.41388712	5.33220566	5.32303367	5.41174991	5.70111522
0.393	0.287	4.11355353	4.08357411	4.12788608	4.29325524	4.37347124
0.19	0.172	3.69526186	3.51109514	3.65765603	3.76491144	3.69251025
0	0	1.06724444	1.32728155	0.94614671	1.03197146	0.81362936
0.032	0.025	2.90704138	3.42249749	2.82890091	2.85313928	3.18841198

0.032	0.057	2.82677499	2.93407417	2.56156237	2.70661909	2.88930696
0.008	0.004	2.40708541	2.41108728	2.9574128	3.06997368	1.75427464
0.036	0.016	1.9481088	2.00760721	2.35281621	2.35998092	1.96889016
0.02	0.061	0.44376437	1.0487492	0.56341674	0.8235962	0.28087613
0.004	0.012	0.66963124	0.95147717	0.82231979	0.93110759	0.99808687
0.516	0.434	4.73568487	5.00070798	4.58182469	4.56542624	4.99685672
0.52	0.553	0.23251484	0.74530723	1.06525397	0.89549372	0.35957446
0	0	0.66139401	0.87346102	0.4300869	0.64298056	0.69319363
0.032	0.025	1.75779445	2.05477934	1.5134657	1.84135792	0.90489708
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02472823	1.00E-04	0.00423875	0.01166739	1.00E-04
0.004	0.004	0.02607735	0.01383211	0.03841255	0.04905985	1.00E-04
0	0.008	1.00E-04	0.02598434	0.05009185	0.08017254	1.00E-04
0	0.004	1.00E-04	0.01259037	0.02548992	0.04717151	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.01816828	1.00E-04	0.00339826	0.00906764	1.00E-04
0	0	1.00E-04	1.00E-04	0.00186398	1.00E-04	1.00E-04
0	0.008	0.02824753	0.02415603	0.03992386	0.0649646	1.00E-04
0	0.004	0.00735304	0.0223891	0.0164952	0.02243441	0.24957182
0	0.004	0.02156834	0.04805935	0.13886332	0.08754333	0.22717189
0	0	1.00E-04	1.00E-04	0.00339232	0.01829429	1.00E-04
0	0.016	0.89627954	0.55287751	1.1312856	1.26333965	1.00650964
0.004	0.008	0.15983935	0.21485051	0.57614931	0.45693416	0.44146975
0.004	0.004	0.02150173	0.02822342	0.02219855	0.03171351	1.00E-04
0.004	0	1.00E-04	0.0122772	0.0118575	0.0100427	1.00E-04
0	0	1.00E-04	0.0084903	1.00E-04	1.00E-04	1.00E-04
0	0	0.03078031	0.14576979	0.11715463	0.46757853	0.11266445
0.468	0.443	4.70658563	4.62295126	4.78438092	4.82113652	4.8219137
0	0	1.00E-04	1.00E-04	0.0021033	1.00E-04	1.00E-04
0.44	0.402	4.84195877	4.82522708	4.8307518	4.90259273	5.01376218
0	0	0.03128891	0.01521337	0.00314977	0.00642039	0.08528613
0.004	0	1.43340708	1.31920753	1.99588568	1.9464839	1.29942306
0	0	0.17048056	0.2027123	0.3903163	0.45684064	0.31320695
0.008	0.012	3.02333199	2.48233988	2.2745134	2.20076156	0.7479675
0.004	0.025	0.35934984	0.55372962	0.4813617	0.60637908	1.31263571
0	0.016	0.96457394	1.10065892	0.95990515	0.85458817	1.01613086
0.147	0.135	3.2093839	3.12241537	3.61947562	3.57824592	3.10200097
0.06	0.053	3.31614034	3.40827593	3.61959028	3.68139097	3.42633111
0.23	0.238	3.06852936	3.22570225	3.04866042	3.41918604	3.87922341
0.079	0.053	2.64914042	2.72381438	2.61352538	2.80693348	2.62585858
0.111	0.094	4.05205085	4.30866675	4.14319392	4.09472903	4.10011314
0.04	0.029	1.5846321	1.68429756	2.32416371	2.26142908	1.7161235
0.143	0.07	1.76498749	2.08387174	2.09569458	2.09510848	2.24663994

0	0.012	0.59314635	0.63798942	0.39649221	0.49050511	0.76735891
0	0	0.22605602	0.29938269	0.12606128	0.13454396	0.23638993
0	0	0.03833074	0.07320551	0.03542271	0.04776711	0.8378825
0.06	0.07	2.2041617	2.26818114	2.84270821	2.85181465	2.13994468
0	0	0.24330893	0.26338287	0.15350394	0.23738894	0.13510747
0	0	1.00E-04	1.00E-04	0.00258928	1.00E-04	1.00E-04
0.016	0.016	4.8943978	5.05154051	4.38711822	4.55228112	4.86618417
0	0.004	0.07299918	0.20355889	0.15797634	0.1645507	1.89694336
0.004	0.02	1.15333257	1.34067163	1.03880101	1.1671018	0.7610889
0	0.004	1.00E-04	0.02469226	0.01472884	0.00736789	1.00E-04
0	0	1.00E-04	0.02235188	1.00E-04	0.00511646	1.00E-04
0.028	0.029	2.53872148	2.51830605	2.83120491	2.86061613	2.55272929
0.27	0.246	4.55193876	4.70448808	4.23042662	4.4086223	4.43710185
0	0	0.51058458	1.07430595	0.74723745	0.60949688	1.55215047
0	0	0.04969373	0.09443218	0.05476912	0.0674745	0.03910668
0	0	0.39312722	0.12311256	0.01848521	0.04670765	0.04798512
0	0.004	0.41182971	0.37834597	0.23735128	0.29731208	0.57677296
0	0.004	0.02068491	0.12091114	0.0367255	0.07466133	0.22939624
0	0	1.00E-04	1.00E-04	0.00390328	0.0226084	1.00E-04
0.103	0.086	3.43934613	3.33031468	3.54506568	3.60485471	3.43935154
0.008	0	0.43143152	0.37663879	0.22639795	0.24029898	0.05410894
0	0	0.1586906	0.19143017	0.14301029	0.19707008	0.22068352
0.19	0.201	4.49081973	4.50939838	5.19641034	5.14040525	4.80843022
0.083	0.131	1.00888253	1.28026374	1.53363944	1.71377679	1.51139632
0.111	0.119	2.92234534	3.07212876	3.28273945	3.4472708	3.07631585
0	0	0.37260742	0.46783228	0.44001765	0.52373428	0.43463648
0.04	0.037	1.6731724	1.79426825	2.13457066	2.22814979	1.65487058
0.004	0.016	0.96632184	0.89063125	0.85952491	1.04970062	0.90852323
0.004	0	1.35708087	1.61260339	1.3923056	1.63784144	1.19322032
0.151	0.119	3.17061125	3.07371725	3.88091124	3.76709415	3.43775865
0.274	0.283	4.02990989	3.93325337	4.12089449	4.14280524	3.77491959
0.159	0.221	4.47941151	4.51493483	4.36501863	4.40023152	4.25781732
0.028	0.004	1.1475895	1.73737944	1.05752971	1.07310589	1.24351895
0.008	0	2.67334039	2.29888541	3.43197139	3.23230368	2.28125885
0.004	0	0.05157728	0.13864431	0.06391592	0.09186574	1.00E-04
0.012	0	0.89526546	0.59231342	0.31512832	0.36807411	0.45643183
0.175	0.164	4.60270633	4.50473127	4.41122079	4.53934017	4.51589305
0.083	0.074	2.41621926	2.29547131	2.4806789	2.52651423	2.34913492
0.067	0.053	2.16961338	2.14713337	2.87826481	2.87693314	2.47656089
0	0	0.33581964	0.34316505	0.34264463	0.34692094	0.35528592
0.044	0.045	2.01444166	2.07485347	2.07814356	2.12342859	2.14772467
0.067	0.074	3.50951539	3.60628895	3.72815802	3.74297301	3.71845943
0.262	0.27	3.83859885	3.83151016	3.75418091	3.94183624	3.97029839

0.095	0.078	1.90685292	1.69921903	1.66536314	1.85929956	1.94796816
0.016	0	0.50840094	0.43111257	0.29765241	0.49069323	0.98271208
0.004	0.012	0.54125684	0.74949466	0.5824962	0.8693207	0.20173802
0.008	0.02	4.16141747	3.92759376	3.88182378	3.9273733	2.55608716
0	0	1.00E-04	1.00E-04	0.00310454	0.00472931	1.00E-04
0.103	0.086	1.29805426	3.34564353	1.23834664	1.83649176	2.30882887
0.869	0.779	6.7017027	6.63236012	7.41723585	7.07954142	6.70292705
0.845	0.828	6.57274435	6.43654232	7.06927005	6.84899887	6.69181498
0.472	0.484	5.48268884	5.19661956	5.85868484	5.63475934	5.60243966
0.008	0.004	2.79849959	2.54315566	2.05995671	2.16067403	2.40277834
0.004	0	0.20894408	0.29583402	0.23936762	0.28458765	0.15095117
0.067	0.025	1.5654974	1.27889188	1.22501547	1.22154671	1.81094591
0.19	0.201	3.27095828	3.19365683	3.4922008	3.54523234	3.74140759
0.175	0.09	4.37885028	4.31405172	5.17313315	4.3464316	4.44471225
0.032	0.025	0.80848587	0.69665443	0.70239181	0.6906321	0.77972876
0.29	0.307	4.33797203	4.20072473	4.44764627	4.42029063	4.27853634
0.028	0.016	2.28022403	1.81928209	1.98329564	1.6637163	2.01263274
0.46	0.377	5.60580994	4.88748683	5.61354731	5.13928851	6.01224265
0	0.008	0.42066805	0.58506179	0.95547249	0.9977941	0.6402406
0.69	0.656	5.96446495	5.70458103	6.57554918	6.45603901	6.20213342
0.397	0.287	4.36105332	4.44833825	4.35373582	4.44288806	4.7358135
0.008	0	1.67912166	1.76693717	2.52784872	1.56593191	1.35197421
0.083	0.135	2.6682561	2.89221718	3.13905606	3.18718534	2.6947093
0	0	1.00E-04	0.02416505	0.01255167	0.02977614	1.00E-04
0	0	0.15410978	0.29927839	0.27188567	0.30300391	1.00E-04
0	0	0.00950156	0.0627768	0.01674451	0.03145693	1.00E-04
0	0	1.00E-04	0.01213058	0.02844072	0.02844563	1.00E-04
0.087	0.074	3.98455435	3.9279615	3.71445956	4.01100508	3.88977549
0.071	0.049	2.11891393	2.12194415	2.43467423	2.41541183	2.28272542
0.321	0.275	4.92508026	4.56141817	5.25714981	5.0564929	4.99255276
0.409	0.361	4.52871265	4.57481346	5.5757937	5.31433485	4.83288996
0.004	0	0.16411004	0.23312984	0.12732344	0.16534912	0.5396589
0.413	0.279	5.21594007	4.96907155	5.48252316	5.06813244	5.25589536
0.032	0.033	2.64844304	2.72347797	3.23801754	3.2600564	2.4992456
0.175	0.127	3.2664212	3.23828394	3.28973307	3.3712913	3.43086536
0	0	1.00E-04	0.01878938	0.01838756	0.03614551	1.00E-04
0	0	1.00E-04	0.01171635	0.01084413	0.03400805	1.00E-04
0.087	0.061	1.36325949	1.33371118	1.4903125	1.5911516	1.96222627
0	0	0.07948999	0.12761686	0.10079742	0.08721016	0.12796313
0.028	0.033	1.05219598	1.23262446	0.92666998	0.9823619	1.56527298
0	0.004	0.06188339	0.0218652	0.05256439	0.06949796	1.00E-04
0	0	0.01065094	1.00E-04	0.01312125	0.02141573	0.12717483
0	0	1.00E-04	0.00392513	0.01937718	0.01758785	0.05667114

0.004	0	0.08036667	0.17618482	0.11875142	0.17230532	0.11492449
0	0	0.08483566	0.17226623	0.12251098	0.13231581	0.05418941
0	0	0.08333922	0.15096833	0.07610952	0.11870664	0.11844718
0	0	3.08961474	3.62021442	2.68010739	2.61293561	4.2048926
0.008	0.008	2.39659906	1.84631764	2.05006204	2.35199331	1.02198183
0.044	0.094	2.68696591	2.79955219	3.23781344	3.18333988	2.71832054
0.091	0.057	2.41597661	2.74611503	2.4068315	2.46162306	2.77022771
0.409	0.311	4.89674988	4.91422933	4.51696665	4.67312263	4.90141586
0.028	0.012	0.10557934	0.1838084	0.20789226	0.19998216	1.11568715
0.028	0.037	1.82745503	1.64226512	1.82593415	1.79366642	1.9849562
0.008	0.008	0.60445704	0.6418158	0.55550334	0.54500261	0.74622207
0.579	0.582	4.86509395	4.9889264	4.57403285	4.68020904	5.00599897
0.087	0.041	4.34941962	4.36107332	4.76230094	4.76851624	4.12933991
0	0	0.63855428	0.42606915	0.60776425	0.66876275	0.19929334
0.012	0.016	1.84701186	1.87701346	2.56599	2.47941715	1.90830555
0.004	0.004	0.79763791	0.47792252	0.89198367	0.93252456	0.57824944
0	0	1.00E-04	1.00E-04	1.00E-04	0.00374217	1.00E-04
0.02	0.037	1.32173517	1.97885997	1.12025687	1.18950232	1.62494517
0.155	0.172	3.35276229	3.31538279	3.99138853	3.89601716	3.53292272
0	0.008	0.49001267	0.6431513	0.46773654	0.68954095	0.36695429
0.04	0.033	1.27749087	1.2853589	1.55281778	1.55894453	1.28019614
0.083	0.061	2.46845369	2.15731834	2.36082258	2.25860243	2.98859209
0.238	0.254	3.66059193	3.77377909	4.56352756	4.42368189	4.11626055
0.103	0.07	2.99135958	3.0923041	3.68638963	3.51550221	3.1269302
0	0	1.00E-04	0.00973344	0.00341427	0.01444325	1.00E-04
0.317	0.365	3.88852424	4.13533477	3.89435999	3.97931873	3.96424995
0.183	0.217	3.62680583	3.70262068	3.64095005	3.70908376	3.64793356
0.024	0.02	1.14381721	1.15542025	1.08757501	1.19116351	1.24577598
0	0	1.00E-04	1.00E-04	0.00805374	1.00E-04	1.00E-04
0.238	0.242	4.09854649	4.28107578	4.0104107	4.13736495	4.19525307
0.016	0.008	3.43434407	3.47868434	3.04575052	3.43610976	3.03996191
0.024	0.012	1.49856808	1.82250066	1.38093941	1.66883986	2.10371516
0.02	0.012	2.07216543	2.7881095	3.18349869	1.80715725	3.63063124
0.21	0.197	2.39650086	2.73788954	3.02933759	2.93693194	2.40552864
0.214	0.258	2.74810553	2.54241197	3.34626432	3.19718907	3.18339413
0.008	0	0.77438187	1.23016809	1.66972799	1.45644493	1.77009118
0	0	0.0492866	0.11673757	0.17388037	0.06576221	0.73655268
0.27	0.225	3.95111693	4.14594215	3.62738094	3.74874345	4.1351332
0.119	0.127	2.85006201	2.98212164	2.52996727	2.78127387	2.75807923
0.067	0.07	2.71234579	2.72408684	2.53456036	2.69487202	2.52929049
0.044	0.053	2.24436624	2.2289652	2.54934643	2.55549536	2.28793724
0.107	0.143	0.18987951	0.46047855	0.38398975	0.29222289	0.45640485
0.036	0.029	2.02020362	2.04550068	2.32362299	2.3496213	3.13633916

0	0	0.36950532	0.5690146	0.49409429	0.72088645	1.29513246
0.599	0.484	4.24855071	4.35699333	5.2374055	5.15565123	4.77705388
0.067	0.086	1.20354718	1.08844419	2.01464478	1.79068325	3.01874994
0	0	0.10579559	0.03483055	0.02458762	0.03017163	0.10360436
0.23	0.201	3.90752183	4.16902317	3.69982219	3.81927827	3.95177975
0.099	0.111	4.30100539	4.19553943	4.28592569	4.51428574	4.21408571
0.214	0.172	2.29544517	2.39993937	3.06038595	3.00914068	3.35956909
0.099	0.094	2.71067738	2.83202281	2.8298854	2.92722659	2.91294748
0.103	0.078	2.67186932	2.65471503	3.39184872	3.28158215	2.93020095
0.083	0.061	2.84987706	2.85269652	3.62664556	3.43151113	3.0993151
0.111	0.139	2.79843738	2.6599102	2.84426916	2.79966391	2.83165596
0.067	0.102	2.2092739	2.34409808	2.44696123	2.6807862	2.34128617
0.036	0.008	2.08539958	3.44854609	4.19739443	2.21896964	5.27492331
0.02	0	1.56842868	2.27348973	2.76255171	1.49800883	3.22712164
0.135	0.201	4.54050545	4.46120987	4.68516773	4.73550102	4.32673208
0.012	0.02	2.03638723	2.04472523	2.01571619	2.1977374	2.18677479
0.405	0.377	3.82449385	4.00671997	5.09869037	4.5261443	4.84196401
0.036	0.008	2.12843366	2.41149512	3.23458778	1.55134202	3.86731409
0.222	0.18	3.22607719	3.29000643	3.99695588	3.96834109	3.69315561
0.131	0.074	2.788192	2.61496323	3.54116977	3.29622637	3.1212529
0.063	0.057	2.23517846	1.85525713	2.92013727	2.77155321	3.37333387
0.099	0.094	3.14011376	3.17100157	3.14736074	3.25446663	3.27596616
0.159	0.225	2.07326364	1.81454207	1.57873265	1.54232997	3.15917574
0.563	0.549	4.92002118	5.89824631	5.03869736	5.20830852	5.05910983
0.131	0.053	2.40557776	5.78320436	4.35552012	4.35160435	4.11868611
0.488	0.455	3.98415015	4.06631363	5.04851902	4.78224879	4.53274153
0.23	0.115	5.76576912	5.80782556	6.5191421	6.30544532	5.99586145
0.139	0.115	3.08350157	3.96548891	3.54177891	3.74521322	3.4984028
0.071	0.086	3.47435164	4.94467557	3.63153475	3.89496832	3.53687559
0.024	0	2.62643791	4.19530209	2.42547996	2.96754284	2.75010287
0.27	0.205	5.6939225	7.61420762	6.22615832	6.30418261	5.77806946
0.123	0.078	3.46242673	4.6709619	3.53900277	3.58362913	3.6017061
0.036	0.016	3.22299614	5.3379684	3.37480062	3.45328212	2.96348101
0.063	0.061	3.92683027	5.53488968	4.12254596	4.15943647	4.10235446
0.056	0.066	3.44389387	5.25599803	3.7151878	3.88560433	3.55421753
0.04	0.037	1.36848168	2.97269371	1.81747753	1.81502725	1.74532887
0.024	0.012	3.85574426	4.19042971	3.6580396	3.61036287	3.02469683
0.171	0.184	4.11276444	3.91499289	4.22053683	4.27690919	4.08897707
0.206	0.209	4.31780529	4.45235454	4.61679519	4.34295882	4.54349563
0	0	1.00E-04	0.02635331	0.05946779	1.00E-04	1.00E-04
0	0	1.00E-04	0.00879035	0.00548019	0.01392063	1.00E-04
0.012	0.012	1.00E-04	0.06617425	0.02305832	0.01137111	1.00E-04
0.167	0.18	4.70016132	4.69371237	4.88810141	4.89647385	4.84610578

0.155	0.176	3.87924112	4.25419167	4.63332791	4.111086	4.89540429
0	0	1.00E-04	1.00E-04	0.00158876	0.00839026	1.00E-04
0.012	0.004	1.00E-04	0.00514844	0.02138503	0.03081614	1.00E-04
0.028	0.037	4.79552613	4.91117171	4.52386606	4.71901696	4.72164366
0.262	0.176	4.30637192	4.58770462	4.63168382	4.31517775	4.19400102
0.075	0.066	2.12040981	2.08369766	2.57146948	2.68311117	2.07423569
0.04	0.025	1.95374615	2.01264711	1.64614681	1.8346375	2.04838315
0.044	0.033	2.11801217	2.05590728	1.9405026	2.07605767	2.14904349
0.103	0.07	2.78027142	2.76180785	3.30921274	3.27740791	2.52052644
0.02	0.016	1.30153284	1.4044037	1.73899816	1.80982675	0.96434338
0.02	0.008	2.02203961	1.91896792	2.54990732	2.54646708	2.06374266
0.04	0.025	2.1820954	2.37296647	2.21857823	2.3741674	2.01692018
0.044	0.029	2.30106956	2.39984401	2.55949681	2.67118333	2.25491471
0.111	0.094	2.4989026	2.69208615	2.71690761	2.77265364	2.6432532
0.067	0.078	3.33700757	2.99066325	3.07471442	3.19501681	2.84130163
0.099	0.082	2.829004	2.99732951	2.74048682	2.95384001	2.84536126
0.222	0.172	2.38354111	2.52362186	2.07342716	2.29769206	2.73531628
0.012	0.012	2.03010509	2.41472466	1.94367806	2.08778441	1.81814267
0.21	0.16	4.30739678	4.29473626	3.84805266	4.08568614	4.10261236
0.278	0.234	3.72623285	3.61628627	4.44318864	4.31708707	3.8048979
0.004	0	0.14646651	0.14315253	0.06796072	0.08960836	0.06614686
0.004	0	0.0966446	0.07327345	0.05993574	0.11131291	0.16366425
0.028	0.012	4.84201744	5.26600999	4.09052945	3.92402237	1.7242139
0.187	0.143	3.43313465	3.11413276	2.98875604	3.30530798	3.67312715
0	0	1.00E-04	0.0161458	0.01065003	0.01164738	1.00E-04
0	0	0.10337836	0.08210693	0.05275095	0.06119921	1.00E-04
0.004	0.016	3.94021575	3.37727958	2.92399618	3.09861328	3.74076828
0.004	0.008	1.91430314	2.04249367	2.2406399	2.48432288	1.66310068
0.274	0.23	5.25436896	5.10430323	5.04188986	5.15948207	5.13995744
0	0	0.07614715	0.011908	0.01983509	0.03345292	1.00E-04
0	0	1.00E-04	1.00E-04	0.00677118	0.00639922	1.00E-04
0.012	0.02	0.02612543	0.06229865	0.10872697	0.10865166	0.12042155
0.008	0.008	1.00E-04	0.08993582	0.0375722	0.15314934	1.00E-04
0.016	0.008	3.1170276	3.21305177	3.26473237	3.26455069	3.20027059
0.004	0.004	0.22320689	0.98360937	0.55954119	0.54699253	0.39481029
0.02	0.012	0.03607769	0.07561262	0.25767593	0.19489656	0.81588095
0.008	0.012	0.45447251	0.51915071	0.62303989	0.68958543	2.66239741
0	0	0.00847142	0.02399801	0.01542908	0.04121076	1.00E-04
0	0	0.01101704	0.06087667	0.0113018	0.04316851	0.06400929
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.012	0.01096401	0.07456943	0.02739732	0.05439361	1.00E-04
0.143	0.234	1.86759467	2.2233248	2.44396513	2.42684342	2.96734315
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.119	0.098	2.92700852	2.97182004	3.02313186	3.07583694	3.34944243
0.008	0.02	0.70088902	0.88939179	1.13567559	1.00371244	0.21277346
0.004	0.004	0.08808147	0.11407469	0.05443873	0.0624273	0.07378229
0	0	1.00E-04	0.02548338	0.00463903	1.00E-04	1.00E-04
0	0	0.06891136	0.12964829	0.05827174	0.08885165	0.079284
0	0	0.11896014	0.40406461	0.21400479	0.21197547	0.10543577
0.004	0	0.67567808	0.20444006	0.30762188	0.31587718	0.04291566
0.004	0.008	2.75240845	2.66503079	2.7967098	3.13651024	2.65908452
0.004	0.004	0.31915155	0.40677718	0.33286595	0.49451601	0.14762065
0	0	0.26310295	0.24559022	0.16564376	0.2298083	0.64945202
0	0	1.00E-04	0.01106195	0.01065834	0.00522245	1.00E-04
0.147	0.102	4.67869451	4.64527808	5.26390047	5.22587803	5.06740542
0.044	0.02	3.190705	3.04863786	3.73896401	3.76347836	3.29959942
0.004	0	0.45726395	0.48251545	0.59580287	0.46493139	0.30774532
0.008	0	0.02432547	0.05352003	0.02361511	0.0405073	1.00E-04
0	0	0.06504015	0.0814113	0.03473768	0.03726724	1.00E-04
0.306	0.307	4.29363243	4.20837235	4.57504686	4.46324869	4.44127456
0.155	0.152	4.10472114	3.98404296	4.5386919	4.48465047	4.47308374
0.254	0.238	3.87300996	3.89800957	3.70191361	3.96596001	4.09984885
0.067	0.061	2.50550219	2.74374155	2.50555253	2.71417239	2.54670928
0.179	0.172	3.46552599	3.68318725	3.38950154	3.53731663	3.72714075
0.897	0.893	5.32020506	5.18223494	5.03604852	5.14181626	5.53224604
0.591	0.578	5.49225174	5.60522732	4.77811003	4.97576164	4.61953847
0.333	0.266	0.24097743	0.78487784	0.4246729	0.50496566	0.22545018
0.012	0.037	1.55250746	1.69958491	1.62723288	1.88563343	1.79260961
0.095	0.107	2.48132512	2.47160688	2.16460916	2.44263513	2.47130554
0	0	0.16772125	0.21673449	0.29824246	0.32079309	0.96700751
0.171	0.164	2.96904119	2.9648077	3.30094488	3.26790659	4.02599804
0.444	0.447	5.09426841	5.16031819	5.50136616	5.32654747	5.23035304
0	0	1.55740682	1.43353023	1.48379822	1.65936556	1.14409062
0.036	0.037	1.6166759	1.84847017	2.12403617	2.09646992	1.54547967
0	0	0.05469947	0.13457008	0.09795933	0.08846979	0.4142944
0.071	0.094	0.76146007	0.9966882	0.79093966	0.98560349	1.01822515
0.345	0.225	1.6268663	1.94631551	1.82918113	2.02317102	2.40225734
0	0.004	0.20954718	0.25085146	0.16208775	0.20950752	0.12279443
0.06	0.037	4.34857224	4.05458239	4.33597029	4.32974343	5.24834802
0	0	0.92196926	0.75417836	0.90920272	0.91590681	0.67301255
0.127	0.094	3.67239301	4.46054503	3.48537515	3.63939437	3.96437578
0.063	0.078	3.49193128	3.97624183	3.30295379	3.60469455	3.70555065
0.143	0.156	1.13220557	0.84919329	1.5065295	1.58862302	2.05519199
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00461928	1.00E-04	0.00120497	1.00E-04
0.04	0.025	4.46330347	4.23298178	4.52228479	4.72302325	3.35685869

0	0.004	0.33695568	0.45077161	0.35900862	0.46568372	0.63583703
0.107	0.119	2.82050737	2.87905841	2.83375573	3.11139643	3.01565608
0.012	0.004	0.56898996	0.97506292	0.69330056	0.78225457	0.05010145
0	0	1.51172443	2.11854736	1.65734354	1.772282	1.56382302
0	0.008	0.0295031	0.18329642	0.07344886	0.16761856	1.00E-04
0.028	0.016	0.28400962	0.26943496	0.31615783	0.40047653	0.24005068
0	0	1.00E-04	1.00E-04	1.00E-04	0.00131976	0.79855095
0.083	0.094	2.44464498	2.6002167	3.52743946	3.04313337	3.36646061
0.024	0.02	1.68471223	1.22370211	2.0200498	2.23481076	1.82138854
0.19	0.152	0.06534036	0.39161472	0.31448916	0.26139465	0.95306282
0.115	0.09	0.02642583	0.30463683	0.05903082	0.08113355	0.32927625
0	0.004	0.08954609	0.13511773	0.10651978	0.14451868	0.47321034
0.024	0.008	2.27787123	2.74216576	3.55253874	2.4115937	1.58451409
0.04	0.004	3.6653671	4.52221531	5.25956869	3.44734595	4.8244685
0.048	0.061	0.90802469	0.99379651	0.79610142	0.68378375	2.20782301
0.004	0	0.09820614	0.03600261	0.14987076	0.17084832	1.67255634
0.103	0.082	5.17865172	5.48556307	4.63156741	4.5460905	5.13300053
0.016	0.004	1.0017627	0.9534537	0.93779229	0.92603304	0.91134639
0.004	0.012	0.6264321	0.57815464	0.42274907	0.50849599	0.38013711
0	0.02	0.05073987	0.24329897	0.0837319	0.05962956	1.00E-04
0	0	0.10439906	0.12231897	0.04744187	0.07604749	0.94042798
0.016	0.012	2.78717721	3.00474869	2.83879731	2.78646841	4.12347446
0.008	0.012	1.00E-04	1.00E-04	0.00301953	0.00679406	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00241161	1.00E-04
0.008	0.004	1.81827886	2.04644364	2.05803306	2.17942071	1.20581847
0.012	0.02	1.75954201	2.04918369	1.35244688	1.22123715	2.0642322
0	0	0.03321183	0.01621525	0.01508906	0.0039086	1.00E-04
0.115	0.172	0.41869316	0.54874116	0.71639548	0.6627336	2.26960649
0	0	1.00E-04	0.01215549	1.00E-04	1.00E-04	1.00E-04
0	0	0.93539293	1.46636976	0.91747794	0.94123728	0.7437725
0	0	0.01901484	0.27028713	0.05273975	0.05654616	0.18199023
0.012	0.004	0.56199707	1.15669223	1.76396497	0.82489367	1.09813785
0.151	0.152	0.60151463	0.41005349	0.2643294	0.14845574	0.39615774
0	0	0.03283651	0.04902509	0.09007551	0.09551826	1.00E-04
0.004	0	1.00E-04	0.01848553	0.006887	0.01483734	1.00E-04
0	0.004	0.86430269	1.11029483	0.67856245	0.72709423	1.44932659
0.143	0.172	2.64038596	2.36556353	3.01054285	2.8860122	2.99426402
0.071	0.057	3.15396655	2.65890351	2.75239763	2.44864658	2.84012475
0.218	0.242	0.01626583	0.11327977	0.09611445	0.07001667	0.33690438
0.266	0.316	3.21414709	3.19581196	3.61447103	3.47446982	2.98043066
0	0	0.03971385	0.09350859	0.10653148	0.13364231	0.20320708
0	0	0.06169222	0.09875803	0.11457162	0.19677475	0.19581001
0.012	0	0.64270562	0.59638586	0.98876116	1.26287049	0.42051193

0	0.004	0.78721974	0.89660524	0.67964309	0.5375355	0.65942761
0	0	1.00E-04	0.01208939	1.00E-04	1.00E-04	1.00E-04
0	0	0.10504945	0.12342707	0.22934538	0.28846984	1.00E-04
0	0	2.63975884	2.67841947	2.26740508	2.38096671	2.13511479
0.016	0.029	1.29601567	1.51957262	1.68280185	1.5891582	1.71251436
0	0	0.02334839	0.06112271	0.09679819	0.05913091	1.00E-04
0.056	0.049	1.73283147	2.21521107	2.35854872	2.31871194	2.71739453
0.5	0.52	3.54519441	3.57699198	3.65192343	3.45176614	4.46234315
0	0	0.31737629	0.47451525	0.78782446	0.77019431	0.42959644
0.004	0.004	0.04675771	0.08144848	0.05036183	0.05497785	0.05867888
0	0	0.17568445	1.12448017	0.99102548	0.0568891	0.31316048
0.032	0.02	3.22617623	3.62456122	3.28290472	3.45824839	4.3978485
0.23	0.291	4.61530467	4.60456816	4.50621699	4.61415309	4.38233084
0.06	0.098	2.72678398	3.3919453	2.37186144	2.79686448	3.54145335
0.48	0.557	4.42309403	4.74965346	4.79493693	4.30763173	4.8120188
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.004	0.0112594	0.01475269	0.01217504	0.00646007	1.00E-04
0	0	0.17999683	0.3730293	0.32647349	0.15834764	0.30773078
0.004	0	1.00E-04	0.00300419	0.00527121	0.00211754	1.00E-04
0.155	0.143	2.65243682	2.60111919	3.17509535	3.11385337	2.9895461
0.298	0.262	4.01623434	3.98101125	3.85824143	4.01248249	4.44417746
0.234	0.295	3.56878319	3.63277936	3.94850868	3.91150557	3.67797889
0.448	0.361	3.91508724	3.90274928	3.66006591	3.82901347	4.09173063
0.254	0.246	4.3352976	4.55531597	4.079121	4.23105782	4.3922157
0.024	0.041	2.5576488	2.70250546	3.22884787	3.20712317	2.62502151
0.246	0.209	2.84782707	3.173172	3.22789885	3.23937662	2.78619109
0.548	0.463	5.81188843	6.02360788	5.32005032	5.59970311	5.54452573
0.187	0.193	3.77241606	3.81468892	3.83357547	3.93093594	3.82567982
0.19	0.217	2.97937568	3.12337312	3.88551847	3.84566058	3.14404346
0.083	0.061	2.57829029	2.66539099	3.16654388	3.0807004	2.63841724
0.063	0.102	2.67061895	2.712579	2.55793385	2.71978927	2.64281493
0.056	0.053	1.85933075	1.81199533	2.11019054	2.19476697	2.48334954
0.056	0.049	2.6336202	2.55455312	2.62778453	2.73361952	2.47252851
0.107	0.139	4.2726518	4.24722719	4.24169251	4.37475819	4.03392931
0.079	0.074	2.31032579	2.39258923	2.48815791	2.61189882	2.47497871
0.147	0.16	2.93112507	2.68132175	3.4831448	3.39842772	3.27240993
0	0	0.32003301	0.75479798	0.35265204	0.30483278	1.00E-04
0.06	0.029	1.35896921	1.57360993	0.92023356	1.08322747	1.41386415
0	0.004	1.00E-04	0.00551687	0.02809234	0.01331479	1.00E-04
0.004	0.016	1.54396204	1.53298895	1.90777373	1.82234456	2.12616572
0.008	0.008	0.0235733	0.02604527	0.02151124	0.04628329	1.00E-04
0	0.004	0.26340216	0.20326319	0.33305872	0.32500706	0.3732349
0.028	0.016	1.74057022	1.83768288	1.75737018	1.88500963	1.72370628

0.016	0.012	3.07288792	2.70441637	2.29384135	2.46932588	2.90973296
0.06	0.078	1.62346674	1.43515259	1.86588634	1.68766467	1.96307999
0.119	0.09	3.29064306	3.0504544	3.60426858	3.50745169	3.33656357
0.119	0.111	2.6953792	2.74441645	2.73943905	2.81548528	2.80734089
0.079	0.074	2.18999858	2.34338461	2.51053902	2.68305932	2.38073713
0.111	0.102	2.48365039	2.38929057	2.30919577	2.52528915	2.50719648
0	0	1.00E-04	1.00E-04	1.00E-04	0.00444013	1.00E-04
0.024	0.016	3.77215532	3.77169962	4.13684624	3.95008449	3.36068227
0.004	0	0.18667472	0.54527116	0.37262481	0.25407536	0.3214168
0	0.008	0.13604799	0.14129467	0.16590437	0.19858446	0.43290078
0	0	1.00E-04	1.00E-04	0.04848037	0.0273978	1.00E-04
0.135	0.119	2.75772763	2.72878244	3.13641593	3.22745394	2.95639908
0.159	0.127	1.36135658	1.58365614	2.45300611	2.12111115	1.47031897
0.044	0.008	1.24331532	1.26831216	0.87186629	1.11605246	1.0652189
0.405	0.348	4.48183496	4.75396152	4.22089807	4.3983321	4.59692135
0.04	0.02	2.20712173	2.04214369	2.53962277	2.41946296	2.41472895
0.135	0.148	3.54338434	3.57771669	4.06224776	4.07940904	3.56035029
0.337	0.283	4.06094845	4.33803047	3.85289252	3.83210117	4.13432992
0.111	0.131	2.36518623	2.66538823	2.86748132	2.88559269	2.42937604
0.083	0.07	0.88855596	0.81649085	0.90677012	0.92366474	1.18754298
0.667	0.602	5.48916452	5.73187604	4.95791217	5.26537461	5.52236076
0.317	0.393	0.90301167	1.27994074	0.79358788	1.23707462	2.43838937
0.19	0.205	4.07427782	4.01905405	3.39553842	3.49164416	4.50045952
0.222	0.242	3.48384391	3.71900837	3.27014078	3.44829254	3.65312689
0.813	0.701	5.01023865	5.21942582	4.71114033	5.01809716	5.69981931
0.008	0.025	1.18587207	1.35276727	1.21766183	1.32085405	1.19995545
0.127	0.152	4.60750882	4.4239275	4.23438939	4.45652889	5.16055838
0	0	0.03028443	0.15362475	0.04094438	0.06426966	0.05894868
0.091	0.09	2.9422844	3.14582699	2.89646646	3.10300097	3.58591247
0.063	0.061	2.42445511	2.4715802	2.46083808	2.64444472	2.71201361
0	0	0.02837114	0.08445876	0.02783663	0.01001821	0.02869053
0.187	0.18	2.54108408	2.29475653	2.54930008	2.59451079	4.12161057
0.111	0.078	2.71358527	2.67370551	2.79655248	2.84063534	2.80261772
0.008	0.004	1.00E-04	0.00977076	0.00311467	0.00239953	1.00E-04
0	0	0.0181991	0.32844671	0.10321232	0.24896372	0.0494997
0	0	1.00E-04	1.00E-04	1.00E-04	0.00539352	1.00E-04
0.04	0.025	4.59889564	4.73062316	4.35707678	4.36036194	4.67162718
0	0	1.00E-04	0.00676078	0.006441	0.00323578	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.17555728	1.14555323	1.09099477	1.38868222	0.5587459
0.226	0.254	2.79184201	2.87986612	2.99992319	3.25447727	2.99091975
0.071	0.049	2.64706477	2.61105314	2.67312139	2.78899609	2.81562707
0.115	0.139	2.99022425	2.88446409	3.10489338	3.24919196	2.91479673

0.079	0.086	2.21466948	2.34901447	2.55748729	2.5506392	2.27185244
0.044	0.033	1.89900546	1.82777413	2.00241835	2.14691353	2.10723013
0.079	0.098	2.55538241	2.63644767	2.51179581	2.63321629	2.64766143
0.04	0.025	1.66639982	1.83340554	1.79376191	1.96319675	1.76715128
0.147	0.131	3.6619386	3.7765363	3.45282207	3.68654363	3.47996254
0.123	0.094	3.08455798	3.20424026	2.98871542	3.09200978	3.19149944
0.194	0.193	3.56713382	3.73358497	3.32524787	3.47277023	3.72020189
0.02	0.02	1.73766496	1.74202546	2.02864736	2.13856433	1.84613357
0.5	0.439	5.01081844	5.1375105	4.69647615	4.7310231	4.96178418
0.27	0.266	3.17603998	3.20108441	2.81069083	2.97342864	3.5632639
0.143	0.164	3.82994699	4.09829344	3.5329028	3.77989115	3.77725165
0.242	0.27	3.36480889	3.56177819	3.23134431	3.46995474	3.33106741
0.147	0.16	3.33007726	3.53781748	3.1333675	3.36664323	3.28148062
0.004	0.016	3.13668623	3.03514305	2.8516573	3.20670415	2.68071415
0.23	0.156	4.31482363	4.76962757	4.09908817	4.29541976	4.3019994
0.504	0.369	4.07466991	4.36673129	3.94139975	4.15285838	4.21251082
0.159	0.139	2.64785843	2.71931703	2.89700821	3.14094745	2.53823302
0	0	0.07073452	0.02573827	0.0188637	0.05821041	0.2153543
0.405	0.402	4.26397616	4.26865005	3.89166267	4.06365611	4.64651313
0.147	0.176	4.54220888	4.47276466	4.39474367	4.3502422	4.91624336
0.27	0.242	3.97968591	4.13407329	3.59731948	3.77573078	3.93797906
0.02	0.02	1.74349532	1.90698145	2.25171136	2.25300524	1.65353428
0.012	0.016	1.52699631	1.77867425	1.93680875	2.03045996	1.78884538
0.163	0.148	3.70833692	3.49704194	3.76969162	3.8001298	3.75992375
0.242	0.213	4.21307236	4.22534404	3.90398544	4.08625734	4.39040724
0.206	0.221	4.427855	4.33193813	4.14991619	4.37560723	4.20364195
0.282	0.254	4.32807093	4.37990563	4.03237954	4.26169036	4.31684572
0.052	0.086	2.06011323	2.02339644	1.90200151	2.13918007	1.91498666
0.087	0.061	2.55084952	2.70913517	2.27204825	2.48127864	2.70593191
0.016	0.016	0.76109396	0.74903255	0.5983944	0.73745304	0.41921245
0.016	0.008	0.34555369	0.5663288	0.36810128	0.4087126	0.29168341
0.111	0.078	3.63589606	3.75079412	3.46568989	3.63506917	3.8392529
0.008	0.008	0.68621005	0.64299354	0.64892096	0.76637356	0.73857129
0	0	0.11953316	0.22611888	0.29413488	0.31692752	0.37950867
0.048	0.041	2.43934901	2.50532356	2.35173363	2.51067401	2.39509404
0	0	1.00E-04	1.00E-04	0.0029568	1.00E-04	1.00E-04
0.103	0.09	2.3230866	2.62726361	2.46997622	2.74380174	2.50852129
0	0.004	1.17442203	0.63042411	0.3377954	0.44234056	0.81839207
0.012	0.008	2.77058298	2.80028153	2.67644763	2.9071478	2.49177421
0	0	0.12390061	0.13985929	0.11859238	0.26113264	1.00E-04
0.103	0.074	2.61212711	3.30315331	3.00078342	2.74263331	2.6953823
0.409	0.439	5.07981365	4.95910295	5.16423737	5.1855446	5.25571298
0.798	0.742	4.72141408	4.92676554	4.89040865	4.98828802	5.4562915

0.004	0	0.05328552	0.12749915	0.05981736	0.16377128	0.07577321
0.163	0.152	5.42930419	5.40267692	5.11897817	5.24234851	5.42144896
0.012	0.004	3.7060872	4.09948155	3.52598518	3.76526137	3.8547235
0	0	0.02474503	0.04344533	0.05067356	0.06196162	0.03409116
0.004	0.012	0.99554517	1.05756903	0.73331486	0.87293439	0.6310679
0.06	0.061	2.27694517	2.46563342	2.33124684	2.45348746	2.38726482
0.107	0.111	1.66880868	1.85688909	1.80974866	2.03302335	1.89600801
0.325	0.299	2.17320773	2.84409342	2.90899623	2.13155177	3.68098718
0.06	0.041	4.72737416	4.74921095	4.42516164	4.46007146	4.69109191
0.095	0.053	2.6895187	2.66432428	2.85141174	2.81732994	2.95565172
0.306	0.295	4.05732683	4.32625525	3.83527518	4.14669335	4.23228295
0.294	0.266	3.07808124	3.12958119	2.88816721	2.88992749	3.78430398
0.31	0.365	4.20863442	4.35305265	4.32769071	4.34522256	4.2988416
0.02	0.025	1.23893815	1.26319429	1.67391052	1.66351804	1.19302953
0.246	0.291	3.74959983	3.72865743	4.14057108	4.11325324	3.97365783
0.079	0.066	3.0207014	2.96371049	3.59505445	3.57242047	3.00592849
0.282	0.287	3.54303016	3.61424125	4.2716892	4.22544281	3.74764888
0.016	0.008	0.19412457	0.27834174	0.11497189	0.23610992	2.59803383
0.02	0.025	3.11442271	3.60344993	3.32434907	3.36291397	3.42963602
0.02	0.016	1.02119586	1.1183636	1.32488704	1.21967871	1.60195911
0.048	0.025	1.85089883	3.46533373	2.12615497	2.34169675	2.63276481
0.099	0.061	4.06614893	4.09362695	4.37100414	4.23018803	4.86059129
0.099	0.127	3.36734617	3.84807702	3.80583276	3.96472862	3.725679
0	0	1.00E-04	0.01641957	0.01385143	0.04887517	1.00E-04
0.004	0.004	0.01758272	0.03688755	0.05137242	0.10286186	0.0470957
0.004	0.008	0.8086401	0.60424505	0.75389527	0.67977923	1.3143062
0.04	0.012	0.31855061	0.31671933	0.27588335	0.23003685	0.84798058
0.095	0.115	5.57524424	5.32943288	5.27112726	5.23814835	4.6061973
0	0	1.00E-04	0.00462185	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01111756	1.00E-04
0	0	1.00E-04	0.05481779	0.03255353	0.05317694	1.00E-04
0	0	0.01620508	0.11561526	0.21022426	0.11973297	1.00E-04
0	0	1.00E-04	0.09745745	0.07428671	0.04807608	0.30409988
0.226	0.201	3.44027631	3.68607166	4.09919693	4.08881267	3.61229244
0.044	0.061	2.27329019	2.51893943	3.28075476	3.23698757	2.67357814
0.167	0.193	3.25808956	3.27682131	3.77533623	3.68747578	3.36420608
0.056	0.033	3.27334919	5.60515089	3.92116703	3.88554442	3.7957761
0.19	0.152	2.9314024	4.34538877	3.36400725	3.38184323	3.30960191
0.06	0.053	2.19444152	2.13234105	2.28225096	2.32582822	2.25433095
0	0	1.00E-04	0.01276586	0.02018515	0.01862525	1.00E-04
0	0	0.40437169	0.22833504	0.26146301	0.33565043	0.58724366
0.04	0.066	0.57448671	0.76428309	0.62114078	0.93261103	1.12517548
0	0	0.00974652	0.03960847	0.02531757	0.0131257	0.32607205

0.024	0.016	1.66563645	1.29338239	1.41582066	1.45319073	1.69107051
0.234	0.307	4.35940157	4.64224847	4.43117104	4.60845641	4.29351098
0.31	0.27	3.6969203	3.65775488	3.60021164	3.78347173	3.80265264
0.087	0.086	1.28224879	1.43868162	1.66020969	1.57948348	1.75097382
0.655	0.627	6.15298372	6.35231493	5.78598222	5.94936784	6.00757466
0.417	0.389	5.06556058	5.32669234	4.78012549	4.94605763	5.14197153
0.306	0.291	3.38228067	3.53258588	3.46968881	3.6135309	3.68920736
0.21	0.123	1.54431007	2.08542847	1.56615823	1.87351317	2.82983019
0	0.004	0.57533991	0.66993735	0.43096564	0.4048165	0.9395174
0	0	0.10684699	0.04479703	0.0347782	0.02760658	0.75356112
0.139	0.148	0.86608927	0.76055639	0.71008023	0.81543807	0.95251062
0.028	0.004	1.24994821	1.66437276	1.19959148	1.17333489	1.61207037
0	0.02	0.08848404	0.28290159	0.20095729	0.27892867	0.22246683
0.671	0.631	4.58762268	4.77594822	4.44729708	4.47318346	5.23984932
0.155	0.127	3.36177287	3.62307712	3.40335574	3.48871918	3.71225911
0.393	0.377	5.99104325	6.01054917	5.90554578	6.00501004	5.49409327
0	0	0.01292273	0.04551091	0.0217451	0.02061407	0.27231744
0.012	0	0.37307139	0.23006763	0.11205395	0.17461503	1.00E-04
0.079	0.053	2.81677512	2.52369857	2.39556103	2.72230136	3.96765016
0.194	0.299	3.26490893	3.60280289	3.49736744	3.38649027	3.08389149
0.365	0.25	1.700656	1.80767563	2.27612269	2.30854113	2.25292402
0.353	0.369	4.37863122	4.51831631	4.32358881	4.42821603	4.17020405
0.091	0.053	4.84611874	4.98201686	5.03122763	5.18412063	5.0358994
0.135	0.102	5.94293343	6.33013573	5.95413615	5.71431366	5.6892302
0.163	0.164	5.49907518	5.41152058	5.69245272	5.62762594	5.18904897
0.44	0.389	4.9676702	4.95493536	5.3383386	5.2626678	5.1021769
0.167	0.135	3.0919459	3.01019562	3.56706929	3.56127257	3.27452038
0.004	0.004	0.68047678	0.72863953	0.38283926	0.45803971	0.78506535
0.29	0.348	4.59286312	4.34072532	5.11340602	5.01515154	5.03185448
0	0	0.02517409	0.07773997	0.06697982	0.09119096	1.00E-04
0.056	0.057	1.76382583	1.72279628	1.86429723	2.01363157	2.25627747
0.004	0	0.51319232	0.79004213	0.66731913	0.76535411	1.14748401
0	0.012	0.68736367	0.4114332	0.41318034	0.59157183	2.425834
0.004	0.008	1.0574809	1.08105689	0.45515131	0.54362799	1.21146869
0.127	0.139	0.70126549	0.96894072	0.89129369	0.90451209	2.42567692
0.012	0.008	4.14033152	4.46758175	3.42936746	3.61731505	3.08484332
0	0	0.23104687	0.21966343	0.17317451	0.25117003	0.08445436
0	0	1.00E-04	0.09848651	0.01305867	0.031071	1.00E-04
0.012	0.008	0.15618657	0.27016584	0.19389359	0.28136519	0.24192902
0	0	1.00E-04	0.07011508	0.00614366	0.0294241	1.00E-04
0.004	0	1.21228639	1.97457882	1.06733822	1.16449626	1.38994986
0.008	0	0.82161385	0.41375144	0.3380217	0.31765723	0.48130255
0	0	0.00743313	0.02709539	0.0151632	0.029418	1.00E-04

0.595	0.586	0.92373538	1.33001739	1.07653096	0.88916815	1.21695043
0	0	1.00E-04	0.01766444	0.03811209	0.04247688	1.00E-04
0.143	0.205	0.02945062	0.19375043	0.23925134	0.30932697	0.27925583
0.746	0.73	6.30092125	6.67277227	6.89769865	6.73599069	6.40293506
0.25	0.307	0.29305008	0.28758966	0.28801457	0.45756036	1.07886697
0.143	0.143	3.75847922	3.69362033	4.34371539	4.36457276	3.59522841
0.246	0.213	6.20645199	6.32620572	5.96808127	6.1208702	5.69833646
0	0	0.02979968	0.19037711	0.05988583	0.08219755	0.13530857
0.444	0.426	3.68245856	3.66179679	3.27236581	3.54828468	3.93475947
0.012	0.025	1.58710677	1.75210217	1.63467466	1.71453086	1.74038384
0.377	0.344	5.51319209	5.68286867	5.20044305	5.29198484	5.39723208
0.627	0.648	5.87329606	6.04371547	5.65050563	5.76707504	5.97526978
0.167	0.107	0.4672782	0.87729629	0.49328695	0.48275033	1.32449314
0	0	1.00E-04	0.0149817	0.01889236	0.03882125	1.00E-04
0.099	0.09	3.71525142	3.7960665	3.77954873	3.80051536	3.82951105
0	0	0.49834412	0.31239628	0.29784646	0.47611839	0.68269569
0.02	0.037	0.08991058	0.12979059	0.19457788	0.19370922	0.94630425
0.004	0	1.65551058	1.27345697	1.34765902	1.3659045	1.90883499
0.063	0.029	5.32258185	5.60874139	4.98420385	5.03206806	4.88084659
0.631	0.656	5.35838939	5.63441641	5.05069255	5.12752429	5.63912566
0.04	0.02	1.80272183	2.02707475	1.96218455	2.09415645	2.1031196
0.437	0.365	3.75582017	3.94512765	3.75946683	3.52429725	4.11761197
0.238	0.234	4.0066373	4.04906509	3.87177153	4.03414049	4.02531995
0	0	0.2494606	0.44396716	0.53742416	0.40623307	0.05115835
0	0	1.00E-04	0.04645283	0.009698	0.01655229	1.00E-04
0	0	0.17483112	0.23515097	0.22616544	0.22326863	0.105414
0.004	0.004	0.07195276	0.23457115	0.20597373	0.19088406	0.31331324
0.21	0.213	2.62937156	2.66428085	2.61226543	2.6376403	2.62476027
0.222	0.193	2.68341175	3.02419992	2.63735562	2.63706626	2.84879186
0.032	0.012	1.96191536	2.53025015	1.83634647	1.77644389	2.73615528
0.008	0.025	4.04833793	4.0176251	3.82309095	3.89276635	3.05984235
0.016	0.025	1.33437585	1.07916013	1.01557275	1.19685095	1.46844072
0.123	0.119	2.53799669	2.75569083	3.48632321	3.35135652	2.7599045
0.821	0.775	5.31145703	5.50788591	5.29251058	5.31224306	5.6437507
0.385	0.373	5.10001514	5.69995736	4.66736098	4.86741335	5.75150449
0.063	0.041	0.31845793	0.36560333	0.35680217	0.42443859	0.81789515
0.294	0.307	0.42902669	0.46877475	0.43742291	0.36168991	1.41188794
0.099	0.119	0.23198538	0.57307244	0.35766962	0.45950199	0.59174541
0.024	0.008	1.24868888	1.14637479	0.94101312	1.02694928	1.35755247
0	0	0.07921177	0.15396426	0.108975	0.18312169	1.00E-04
0.032	0.016	0.21215935	0.22383934	0.11484125	0.21116079	0.33555335
0.175	0.172	0.5839589	0.51261927	1.05465353	1.35680483	3.02040595
0.571	0.488	4.72565972	4.94593005	4.51896163	4.68603069	5.97675653

0.567	0.5	4.27762869	4.51185956	3.77504186	3.81264683	5.06145839
0.004	0	0.03326453	0.0568828	0.0394307	0.06472056	1.00E-04
0.036	0.008	0.49164271	1.03690583	0.96781883	0.66806224	0.38074959
0.016	0.008	3.25255897	3.21184121	3.1313312	3.15466105	4.00128035
0.024	0.029	1.70188392	1.79967153	1.64848591	1.88466164	1.40716031
0.103	0.086	2.81398241	2.94931377	3.09455847	3.10946183	2.60927741
0.825	0.775	7.15925687	7.45330829	6.91566228	6.9971323	7.27536774
0.012	0.025	1.79748979	1.95741923	2.26600512	2.33499122	1.58675205
0.107	0.107	2.57116531	2.58282894	3.14065335	2.93845945	2.73112511
0.028	0.016	1.39667266	1.52472671	1.2396245	1.39012781	1.71277544
0.079	0.061	1.85773448	2.00249714	2.24644563	2.20210649	2.0039655
0.464	0.295	3.1987457	3.35608821	3.32446647	3.12134495	3.1826227
0.187	0.197	4.14403365	4.10424268	4.20494814	4.19073193	4.1352125
0.056	0.041	3.3880015	3.56782508	4.00824019	3.9351392	3.6081022
0	0	0.04659214	0.04629393	0.01595407	0.02501934	0.04462784
0.004	0.008	0.87714669	0.80726138	0.40902084	0.56614035	0.98119596
0.004	0.004	0.41373718	0.38750345	0.32686996	0.42122313	0.51964813
0	0	0.04701737	1.00E-04	0.01594866	0.018304	1.00E-04
0.214	0.168	4.11892804	4.05643185	4.78870367	4.63652191	4.17727256
0.071	0.045	1.73676184	1.78704179	1.5415707	1.5213896	2.00274671
0.02	0.016	1.13310564	1.20034263	0.89300536	1.30091902	1.45342597
0.079	0.094	2.54423945	2.18183056	2.60627984	2.6249692	2.39736543
0.004	0	0.58425631	0.80885271	1.17572885	0.95677699	0.76841974
0.369	0.422	4.22349828	4.42558316	5.13454062	5.05396825	4.42994554
0.421	0.27	5.51478247	5.27409383	6.46128623	5.81859672	5.6912534
0.417	0.373	4.6916704	4.75065907	5.79376165	5.3601258	5.65834615
0.762	0.746	5.48104499	5.48629285	6.08571202	5.88413117	5.77855005
0.008	0.004	0.43336503	1.47555877	0.51850024	0.43600944	0.51424916
0.016	0.025	0.34498109	0.725682	0.39393696	0.42886574	1.48415618
0.004	0	0.38960596	0.40782416	0.21315773	0.26714112	0.15652548
0.004	0	0.21909002	0.50079743	0.35839765	0.34692811	0.40537049
0.004	0.004	0.19806272	0.11904535	0.08749447	0.17416956	0.50378188
0.012	0	0.24894001	0.43362621	0.52558246	0.36449077	0.03381068
0.702	0.713	5.26228967	5.53072134	4.92352479	5.06214809	5.38230727
0.325	0.369	4.84519512	5.10680361	4.47670873	4.68443576	4.66074588
0.187	0.168	3.36401294	3.48475828	3.22808377	3.46337383	3.45693765
0.274	0.283	4.23445017	4.49903015	3.78306575	4.04142826	4.32431366
0.139	0.123	3.23720003	3.22238424	3.58745605	3.56130565	3.45017127
0.028	0.02	2.29554985	3.0158117	2.33514566	2.55726739	2.17314905
0.409	0.434	4.53772482	4.94782573	4.37967814	4.28590816	4.51393424
0.044	0.086	2.38571499	2.39759923	2.78977032	2.82280347	2.52258074
0.651	0.635	4.68161869	4.8869713	4.25260212	4.457077	4.82591148
0.655	0.607	4.25088288	4.46493366	3.90788042	4.12106919	4.3949172

0.25	0.234	3.4422091	3.54028223	3.13795952	3.46765568	3.57866925
0.071	0.086	2.47413375	2.37793858	2.75318061	2.71156955	2.67917593
0.163	0.193	3.25303806	3.39073991	3.24943261	3.31737134	3.35721828
0.079	0.119	2.63924331	2.5837668	2.06368317	2.24968691	2.43634625
0	0.008	0.80258007	0.96773042	0.49543657	0.78867406	0.16818158
0.028	0.025	1.34352435	1.53855911	1.75370256	1.78074321	1.50451413
0.302	0.311	4.51219822	4.61004759	4.44622237	4.5257223	4.78421825
0	0.004	0.26232411	0.28614466	0.45598673	0.53277845	0.5985819
0.056	0.049	4.20947511	4.80924292	4.28622722	4.31539311	2.06909021
0	0.025	1.12013479	1.32769588	1.64973326	1.65634398	0.78807141
0.036	0.025	0.94274529	1.04868778	1.0603997	1.15168527	0.4425902
0.234	0.213	3.83798162	3.89837625	3.93539554	3.97132045	4.00342543
0.032	0.033	0.9320828	1.02347045	1.48669894	1.45123367	1.30393282
0.032	0.008	1.27019051	1.20519225	1.64126695	1.65487438	1.48020015
0	0.008	0.47794053	0.3755022	0.26250398	0.31741122	0.60018857
0.008	0.02	1.1757724	1.4601983	1.55515983	1.60830114	1.09449006
0.04	0.008	2.72177828	2.74666481	2.80445801	2.75197502	2.78438416
0.345	0.299	4.63822628	4.80863495	4.4386427	4.62013086	4.53771138
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.008	1.00457389	0.82255749	0.6857675	0.81449943	0.48134052
0.29	0.332	5.823151	5.92403656	5.87408831	5.99129426	5.18924069
0	0	0.01439145	1.00E-04	1.00E-04	0.00170953	1.00E-04
0	0	1.00E-04	0.00381877	0.00848186	0.01939927	1.00E-04
0.004	0	0.23274268	0.24647339	0.27407064	0.26077385	0.06687532
0.028	0.037	0.6367939	0.71284641	0.63847447	0.93388661	0.99179532
0.234	0.291	4.58949507	4.54371667	4.47447872	4.49074745	4.62314687
0	0	0.35602704	0.8428655	0.25949969	0.28574647	0.15338381
0	0	0.11923239	0.08885247	0.07773406	0.07063643	0.05019225
0	0	0.13658701	0.15658481	0.10086246	0.15031984	0.19397433
0	0	1.00E-04	0.09730179	0.04755424	0.10166832	1.00E-04
0	0	0.11640524	0.09111372	0.0318784	0.04084772	1.00E-04
0.004	0	3.90408012	3.60514267	3.4100158	3.7846285	2.67793688
0.012	0.004	0.13487998	0.11355662	0.11643562	0.17908788	0.35663261
0.008	0.004	1.44362469	1.49348531	1.22649278	1.27229187	1.22547754
0	0	0.1662631	0.20014657	0.08825713	0.08073639	0.10063446
0.004	0.004	0.12033129	0.03754904	0.08161198	0.15044925	0.69637178
0	0.012	0.58622909	0.41959217	0.52414627	0.70184609	0.41293202
0.012	0	1.63357049	1.32472314	1.83563541	1.86901996	2.20951767
0	0	0.02000765	0.06860699	0.04769658	0.05493227	1.00E-04
0	0	1.00E-04	1.00E-04	0.00429655	1.00E-04	1.00E-04
0	0	0.66456031	0.53413659	0.7567314	0.95617756	0.55739023
0.012	0.041	1.67147179	2.21307096	1.54828829	1.73773054	2.12505535
0.004	0.008	0.22449637	0.20137675	0.12889759	0.17489394	0.58397703

0	0	1.00E-04	0.00272072	0.00798033	1.00E-04	1.00E-04
0.004	0	3.0567785	2.66274814	2.59617922	2.57145886	0.7118559
0	0	1.00E-04	1.00E-04	0.00621735	1.00E-04	1.00E-04
0	0.008	0.38248427	0.19594967	0.21271315	0.33140981	0.43608194
0	0	0.12310811	0.37848531	0.16407743	0.21573076	0.14738549
0	0	0.23508086	0.39766932	0.15617463	0.24205414	1.00E-04
0	0	0.03502965	0.02944145	0.03627836	0.05258019	1.00E-04
0.004	0	0.43232867	0.37425247	0.12734212	0.24370134	0.2976302
0	0	0.05126797	0.10963159	0.08481167	0.07240709	1.00E-04
0.012	0	1.43645473	1.56103076	1.75939625	1.84989541	1.98539759
0.02	0.045	2.43998225	2.58306848	1.87904144	2.06886343	2.46539842
0.004	0.008	0.12621857	0.1379372	0.09153089	0.12187953	0.39553628
0.016	0.016	0.89951982	0.85822652	0.6613275	0.86181358	0.55861499
0.008	0.004	0.12245787	0.17053748	0.23129206	0.2711997	0.80927235
0	0	0.08518875	0.04296804	0.07181107	0.08387257	1.00E-04
0	0	1.00E-04	1.00E-04	0.00862447	0.0115636	1.00E-04
0.024	0.016	0.79090161	0.84856288	0.88824108	1.02373802	0.78337265
0.004	0.008	0.68313239	0.77355601	0.63704384	0.7482672	0.74382802
0.008	0.008	2.23724204	2.48238464	2.60949719	2.31477349	2.38317849
0.004	0	0.25337503	0.3011362	0.20504962	0.34442055	0.32841851
0.004	0.004	0.18607439	0.35839155	0.45241968	0.31651486	1.30145858
0	0	0.07889794	0.01837861	0.01566988	0.0527557	1.00E-04
0	0	0.04620238	0.05991768	0.03277482	0.0254735	0.09809632
0	0	1.00E-04	1.00E-04	1.00E-04	0.00204987	1.00E-04
0	0	1.16117244	0.72102576	0.4956564	1.18978544	0.06388819
0	0.008	0.78524479	0.43604247	0.39677307	0.58356143	0.76195112
0	0	0.11003073	0.15483848	0.07996397	0.10102175	0.14850785
0	0.004	0.11236707	0.2674189	0.19167211	0.21984414	1.59833442
0	0	1.00E-04	0.04659511	0.02076191	0.02160962	1.00E-04
0.044	0.029	1.28663291	1.20115649	0.88781869	1.3266814	4.80998071
0	0	1.00E-04	1.00E-04	0.00278394	0.00452582	1.00E-04
0.004	0	0.01616196	0.01610376	0.05426674	0.07229081	0.08287728
0.004	0	0.24409216	0.10962496	0.04777153	0.04398147	0.14867605
0	0	0.05372583	1.00E-04	0.02377305	0.00396573	1.00E-04
0.06	0.016	2.87614639	2.84243508	2.74224464	2.65335173	2.80458918
0.052	0.049	3.1334976	3.06416953	3.17088993	3.35443974	3.3946853
0	0	0.28263769	0.21761568	0.22124035	0.3493155	0.40505114
0	0	0.40167491	0.39813201	0.14689899	0.18064646	0.35986451
0	0.008	1.00152527	1.0537042	0.59110895	0.63842857	2.83949669
0.044	0.041	4.02164263	3.92771754	4.32165283	4.52412661	4.33098037
0	0.004	0.46218734	0.47122022	0.18898691	0.21386049	1.00E-04
0.008	0.012	0.77156438	0.84992144	0.62754326	0.76145239	0.42137263
0.075	0.09	1.34635706	1.67495266	1.15452703	1.11551663	1.74961905

0.004	0.008	0.82346395	0.74609066	0.68338587	0.69888601	0.61677434
0.008	0.004	3.67879801	3.75732235	2.92203349	3.14548805	1.42333957
0	0.004	0.11107166	0.14885465	0.18856024	0.15249461	1.00E-04
0.012	0.008	0.51014794	0.46008408	0.46841369	0.48722421	0.48420192
0.099	0.107	5.3017877	5.271164	4.89533639	5.01642322	5.25482818
0	0	0.05953002	0.05681257	0.02245538	0.05784748	1.00E-04
0	0	0.176853	0.13627181	0.07392804	0.11814782	1.30383247
0	0	0.3601253	0.32113169	0.17863676	0.14148871	0.70337346
0.409	0.471	1.03897305	0.86919532	0.94941578	1.24327146	3.28628303
0.063	0.074	2.09912398	2.22677298	2.30805553	2.49525008	1.84010726
0	0	0.34068389	0.46672975	0.40729153	0.4263978	0.12717483
0.004	0	1.00E-04	0.02984751	0.05402305	0.06378476	1.00E-04
0	0	0.0725969	0.04613017	0.10129266	0.13334842	0.24267902
0.008	0	0.03443544	0.10469755	0.08127145	0.0605172	1.00E-04
0.004	0	0.08368638	0.16933818	0.0860504	0.13207487	0.11954724
0.004	0	0.20166115	0.19905411	0.21555684	0.28012336	0.4623035
0.012	0.008	0.51598506	0.89804229	0.75058424	0.82791457	0.65136013
0.071	0.094	3.97144046	3.79590403	3.95716585	4.10874353	4.07065798
0.008	0.025	0.91780673	0.96212716	1.29004851	1.42515359	0.86131406
0.071	0.041	4.04615017	3.95211368	4.41950471	4.38627178	4.44164464
0.091	0.066	2.6695859	2.68427509	2.57403354	2.77416901	2.7792629
0.004	0.004	1.1622058	1.49268374	1.49149631	1.51949144	1.33066876
0	0	0.24133974	0.0642361	0.08458493	0.04277279	1.00E-04
0.008	0.008	1.18282586	1.74735019	1.40965065	1.24352434	1.00446781
0.016	0.016	1.72541095	1.88860036	2.07425057	2.08934838	1.95005052
0.103	0.09	2.48541671	2.57853435	2.54285782	2.75290373	2.48326559
0	0	0.10460326	0.12406617	0.0655179	0.11423713	0.03844659
0.04	0.037	1.91552052	2.13130764	2.02707086	2.15830333	2.25177626
0.23	0.205	3.61859001	3.73380169	3.91271131	3.99547662	3.77772165
0.02	0.008	0.82881916	0.9744813	0.92344818	1.05475786	1.13113803
0.012	0.004	2.67251399	2.60117557	2.11555305	2.31283822	2.17547885
0	0	1.00E-04	0.05137969	0.05198699	0.02211701	1.00E-04
0.06	0.066	2.08118196	2.26450658	2.10216281	2.2531765	2.13831202
0.02	0.016	0.69767231	0.78129302	1.06787049	0.9959712	0.98964378
0.024	0.041	1.13533835	1.16999055	1.05261576	1.33348892	1.61360301
0	0	0.07397664	0.14212238	0.10164669	0.15384979	0.35376684
0.087	0.094	3.05784837	3.06089669	2.61433579	2.90581722	3.18150785
0.143	0.139	3.77807084	3.71619581	4.47628377	4.36732795	3.84186899
0.218	0.205	3.47897259	3.50196774	3.74947493	3.80741058	3.74540975
0.028	0.037	2.22269202	2.26349435	2.48106706	2.55619665	2.12487743
0.004	0.004	0.20959024	0.33758202	0.36289371	0.37021849	0.32074907
0.194	0.18	4.41396471	4.31853876	4.11585291	4.34645446	4.27856382
0.147	0.119	3.91828922	3.93467567	3.81248796	4.0150036	3.84421484

0.655	0.561	5.36533996	5.69747385	5.02290943	5.26158855	5.66390069
0.294	0.307	4.0741276	4.05637081	3.78333965	4.12185888	4.66978633
0.202	0.156	4.85760323	4.92181384	4.67688502	4.90951336	4.23997877
0.397	0.32	4.1962145	4.46756486	3.96423555	4.1961496	4.40466088
0.103	0.139	3.41201865	3.50268328	3.22227381	3.4383017	3.40105003
0.222	0.189	3.6370995	3.60899521	3.27190221	3.4488418	3.92216546
0.69	0.59	5.52798431	5.72686189	5.0489373	5.2073314	5.5074697
0	0	0.52307315	0.50400564	0.46245021	0.58416411	0.48469798
0.306	0.389	3.91331509	4.06195901	3.87717497	3.99797338	4.12448578
0.23	0.221	2.51606091	2.62312746	2.4573055	2.66908218	2.59956479
0.179	0.135	3.49238664	3.68828354	3.26462277	3.4802699	3.72096597
0.079	0.061	1.65690669	1.81253874	1.78095645	1.92881038	1.50562274
0.643	0.574	5.12371505	5.30541208	4.64439965	4.87678297	5.33789929
0.135	0.09	3.49193502	3.61567658	4.01085307	3.62511074	3.84982372
0.298	0.275	3.88721048	3.90201838	3.4923033	3.6860874	5.06365287
0.008	0.012	1.32236365	1.34380379	1.05507081	1.39993354	1.17527677
0.004	0	0.00885317	0.02231244	0.02073528	0.01717287	0.12384405
0.119	0.127	3.48249162	3.5573604	3.66943882	3.67761316	3.61501484
0.083	0.066	2.68163673	2.94699704	2.94625748	3.02318485	2.86301756
0.151	0.164	3.89594697	3.27665942	3.65885852	4.00313864	3.79387492
0.254	0.225	5.00079819	3.82079015	3.75665841	3.83828527	4.89916181
0.111	0.098	3.89929654	2.78561751	3.03181167	3.28691374	3.86726262
0.869	0.898	8.04202709	7.82432435	8.06539457	8.23696984	7.56686472
0.321	0.328	5.46553395	4.57244073	4.82480848	5.03087226	5.13815496
0.69	0.725	5.90404244	5.80781478	6.12566125	6.28151329	5.76653198
1	1	9.05951968	8.79665337	9.07296139	9.20991832	8.77052374
0.964	0.943	7.74685379	7.8524697	8.16072347	8.13918971	7.48168804
0.234	0.262	5.28044504	3.66985628	3.84551581	3.95133672	5.08894531
0.988	0.996	9.12473875	9.0169562	9.17335535	9.28490294	8.61103368
0.98	0.971	8.2078157	8.23836324	8.39195143	8.54922089	7.88493772
0.992	0.996	7.99992684	7.79061295	7.82534487	8.08626724	7.86512758
0.988	0.996	8.07776741	7.87751697	8.01023643	8.19589545	7.90330744
1	0.996	10.500179	10.2568742	10.2807373	10.5965475	10.5348831
0.98	0.98	8.77207147	8.67873278	8.65158209	8.88358948	8.66843884
0.036	0.02	1.7650092	1.82590809	1.50892515	1.7689981	1.15487508
0.004	0	0.88193079	0.5870263	0.51938636	0.68055066	0.24877217
0	0	0.26299924	0.1001642	0.09778295	0.14436624	0.09401959
0.004	0.008	0.85195489	0.63230635	0.43409209	0.5780157	1.17172706
0.004	0	0.8186845	0.81584891	0.65040206	0.83563086	0.27068707
0	0	0.06214468	0.12640029	0.08099819	0.07759864	0.10419874
0.04	0.045	2.15422413	1.51293615	1.74815583	2.20752788	1.98450769
0.008	0.004	0.89062141	0.39770947	0.39624296	0.53176632	0.96327197
0	0	0.06408185	0.06180176	0.05162343	0.07119121	0.04263818

0	0	0.13864746	0.16401157	0.11355197	0.15866494	0.08650257
0	0	0.00963775	0.01132249	0.01209048	0.04963816	1.00E-04
0.032	0.033	1.47202605	1.73756721	1.46030612	1.61449978	1.41783309
0	0.004	0.49423884	0.62503764	0.48715174	0.58386337	0.4539108
0.004	0.004	1.20552555	0.7421266	0.66037055	0.85921769	1.21070752
0.004	0.004	1.85417566	1.82066469	1.12141692	1.35378852	1.28876264
0.032	0.041	1.89760255	1.46025285	1.80717445	2.15730688	1.97092239
0.127	0.098	3.79907138	2.76915856	2.97511327	3.09000779	3.26688161
0.004	0.004	0.56424106	0.49291552	0.33461609	0.42566225	0.18783882
0	0	0.10114968	0.07185239	0.08715749	0.14937382	1.00E-04
0	0	0.04569774	0.04629571	0.0424803	0.06289422	0.11370074
0.004	0	0.19009136	0.42077242	0.10237462	0.22930201	0.15837646
0.02	0.012	0.2509068	0.21002138	0.28838407	0.37729644	0.405807
0	0	0.04781112	0.09047412	0.08351964	0.1147667	1.00E-04
0.19	0.152	3.17849955	3.20011972	2.92685051	3.17378853	3.29177102
0.313	0.34	4.4920224	4.48418398	4.72152305	4.77607643	4.67264599
0.016	0.016	0.51748226	0.23133087	0.25631215	0.26759444	0.23572369
0	0.004	0.57419168	0.46054446	0.24052963	0.22251678	1.12189529
0.024	0.057	1.33891599	1.57439255	1.72948664	1.80015241	1.12247297
0.052	0.041	2.34935343	2.34572162	2.32261092	2.41248502	2.75088811
0.056	0.045	2.86123917	3.00247264	2.94208756	3.09899793	2.97711311
0.246	0.27	1.37609823	1.4738065	1.57339622	1.59172818	2.10607092
0.262	0.221	3.77586216	3.84141857	3.73277219	3.93688298	3.93044547
0.266	0.291	4.98489918	5.01278747	4.58916793	4.73777768	4.78079328
0.012	0.016	1.6204406	1.91145191	1.38745697	1.68352471	1.27532963
0.194	0.221	3.75133101	3.94102095	3.45701007	3.71093965	3.81336195
0.202	0.201	3.55738843	3.79916365	3.39054803	3.55253033	3.32733858
0.016	0	3.01604162	2.99812184	2.4527015	2.84981147	0.78710897
0.052	0.07	3.44332211	3.39450796	3.07891946	3.2398885	3.37290285
0.147	0.111	3.93374246	4.04631948	3.5112006	3.72854519	4.0788696
0.103	0.127	3.17546543	3.32640454	2.8465544	3.08380824	3.21289211
0.143	0.135	3.49386295	3.40978404	3.03280004	3.20820234	3.28274992
0.087	0.123	5.67419485	6.03763953	5.12815318	5.62513374	4.86640526
0.04	0.045	0.81170731	1.05240084	0.70959691	1.01134349	0.93011495
0	0	0.3038321	0.35876625	0.30659657	0.35962277	0.47007335
0.056	0.074	3.23022425	3.31674898	3.59675426	3.61243795	3.66432823
0.425	0.389	4.6225583	4.86127332	4.16411359	4.31500193	4.64683342
0.115	0.127	2.64266089	2.75133228	3.21016056	3.24320189	3.04592133
0.206	0.176	2.65090197	2.58651668	2.62351906	2.72318204	2.72759032
0.075	0.053	2.27879378	2.35478701	2.32688384	2.38266624	2.41229167
0	0	0.15475355	0.20765127	0.27308471	0.20960007	1.00E-04
0.012	0.029	0.59972463	0.87605832	0.47758738	0.52113027	1.07128568
0.008	0.008	0.27968444	0.38346631	0.2250357	0.32593745	0.38709182

0.06	0.016	3.20233829	3.65122967	2.41316189	2.4359146	1.03556892
0.222	0.262	0.61938951	0.88836506	0.74520735	1.01883499	1.37642797
0.004	0.012	0.13259913	0.46748938	0.15758304	0.26060758	0.13749887
0.444	0.455	4.44249853	4.80074629	4.06355499	4.25718505	4.72669924
0.012	0.008	0.52509741	0.62663155	0.41605787	0.42279341	0.32557625
0.004	0.02	0.14490165	0.21421343	0.150275	0.16758077	0.23289225
0.004	0	0.47977778	0.59974553	0.61866542	0.54925393	3.19597157
0.063	0.037	0.40070222	1.05739607	0.63809857	0.74757994	0.90378311
0.004	0.004	1.80299346	1.64500399	1.58340508	1.79845684	1.84149714
0.405	0.348	1.4664276	1.98732549	1.36642752	1.61552876	0.95946425
0	0	0.00770746	0.04361103	0.03905367	0.04773199	0.08335683
0.079	0.057	2.65396996	2.83419536	2.43477656	2.62742722	2.84926353
0.214	0.189	2.98156826	3.09274752	2.61569506	2.69667573	3.62474843
0.024	0.02	2.97988125	2.65000471	2.85681925	3.20731345	2.25971381
0.099	0.057	2.76272783	2.93841113	3.39540846	3.41727459	2.83553989
0.373	0.357	4.43793199	4.60423671	3.99167582	4.11141539	4.38903709
0.254	0.369	4.22756261	4.28252246	4.00321672	4.13476848	4.4452363
0.008	0.016	0.47712348	0.51164217	0.44760686	0.57910955	0.32359092
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.052	0.033	5.02806118	5.30232307	4.57447569	4.79470605	5.3595052
0.421	0.393	5.65062545	5.83386241	5.24584271	5.40890931	5.3781781
0.004	0.004	0.41172952	0.38498506	0.31628419	0.41487751	0.33321143
0.004	0	0.5816552	0.55473711	0.34761191	0.53930725	0.47661759
0.127	0.135	4.92939176	5.19517488	4.56953369	4.60537982	5.16432022
0.008	0.012	0.3401762	0.44253716	0.44132995	0.39555566	0.62568615
0.008	0.008	0.52267914	0.51608769	0.32676992	0.35620261	0.86821526
0	0	0.0442466	0.09248952	0.07386684	0.0776251	0.09177833
0	0.004	0.25839291	0.09085893	0.08094769	0.08941512	0.19241161
0	0	0.02066221	0.0693671	0.025667	0.02020264	1.00E-04
0.302	0.23	5.80902258	6.08752877	5.84758734	5.58580575	5.83880546
0.143	0.16	3.23644521	3.44252404	3.27129119	3.29195249	3.25040389
0.04	0.033	2.57304241	2.45841893	2.53185206	2.52775018	2.49399711
0.004	0.004	0.21529254	0.14522915	0.23794301	0.25848722	0.38940504
0.127	0.102	1.69148613	1.80024131	1.90521865	2.01530983	2.33360129
0.036	0.012	3.3602111	3.47720185	2.13725865	2.21523934	1.28566645
0.179	0.164	1.31770178	1.23017604	1.17584242	1.28265827	1.77484262
0.04	0.061	1.4179866	1.45977829	1.74324885	1.86641747	1.45738792
0.016	0	1.90866855	1.79411337	1.52404971	1.49728528	1.78706771
0.008	0.008	0.46600716	0.68712787	0.5276033	0.64945654	0.66633066
0.008	0	0.48931648	0.52408553	0.2706769	0.19014652	0.37107098
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.024	0.029	1.15953506	1.23957968	0.86106534	1.08866258	0.74562278
0.063	0.033	2.27722786	2.18151061	1.75845051	1.83187185	2.28388279

0.345	0.41	3.3773142	3.46133592	3.42315744	3.4350272	3.55784278
0.004	0	0.39428576	0.60263604	0.38864157	0.5164453	0.418584
0.19	0.217	3.15443003	3.07245316	2.96096101	3.11291471	2.93825131
0.103	0.086	3.00263096	3.19023736	2.79158699	2.97666952	2.99432943
0.028	0.029	0.74646246	0.9931392	0.74594518	0.84364622	1.02814547
0.004	0	0.15199352	0.21947664	0.21395993	0.25047488	0.18206435
0	0	0.02474167	1.00E-04	0.01551666	0.00766734	1.00E-04
0	0	0.08964998	0.05969465	0.0556905	0.05660617	1.00E-04
0.437	0.459	5.10455045	5.11715871	5.38686985	5.3662969	5.30685408
0.063	0.02	0.07854295	0.09201213	0.04344532	0.03863544	0.03479785
0	0.004	2.3229498	1.51270434	1.6006073	1.94398065	1.65985229
0.008	0.004	0.32041684	0.24993	0.19353591	0.22463918	0.12052485
0.052	0.041	1.72846493	1.99318977	2.30769913	2.30749183	2.10232969
0.23	0.246	3.52887242	3.64992147	3.27834337	3.38034919	3.46608855
0.02	0.025	1.88422809	2.20216221	1.90970625	2.11204856	2.34515681
0.016	0.004	1.56816567	1.5944993	1.44517581	1.69772273	1.25294642
0.016	0.012	0.24987327	0.23754189	0.16328949	0.19373514	0.65397422
0.139	0.131	2.82103356	2.89247706	3.28850703	3.27012075	3.09938264
0.056	0.057	1.00E-04	0.01277575	0.00233808	0.00254581	1.00E-04
0.004	0.008	1.00E-04	0.00469857	1.00E-04	0.00568633	1.00E-04
0	0	0.12550217	0.10529026	0.20732288	0.15933791	0.21201085
0.028	0.037	1.00E-04	0.00972868	0.00794914	0.02204302	1.00E-04
0.075	0.135	0.00824898	0.01518006	0.01478274	0.01932044	1.00E-04
0	0	1.00E-04	1.00E-04	0.01662189	0.03118064	0.04058868
0	0.008	1.00E-04	1.00E-04	0.00248623	0.00232993	1.00E-04
0.008	0.004	0.90914461	0.49652373	1.38394393	1.26377467	1.28184381
0.008	0.004	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.008	0.08029393	0.01874697	0.11147431	0.09474081	0.18464308
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0.004	0.25690968	0.15138724	0.08672942	0.19599861	0.50332321
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04962565
0.044	0.045	2.93621225	2.53188758	2.22498038	2.26084754	3.06084805
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.48993558	0.4030216	0.470471	0.67639545	0.34280978
0.302	0.27	0.32338093	0.63057826	0.24597673	0.34131824	0.92189769
0.004	0.004	0.83108046	0.62591485	0.86801637	0.91516511	0.84368242
0.321	0.303	3.4834988	3.63813813	3.28468145	3.44090716	3.79560435
0	0	0.02518028	0.00325388	0.01345068	0.01299278	1.00E-04
0.008	0	0.36926487	0.38214883	0.33177864	0.38219065	0.25014595
0.365	0.357	4.69135105	4.58337644	4.33105005	4.52495106	4.67641016
0.02	0.033	0.59314143	0.73748066	0.46771524	0.50646828	0.62693855
0	0	0.0098235	0.01895111	0.02348359	0.06513994	1.00E-04
0.06	0.045	1.5271418	1.61898216	1.44217827	1.64329816	1.34663635

0	0	1.00E-04	0.00483009	0.06362773	0.09774822	1.00E-04
0.111	0.074	3.19733834	2.86004569	3.12740836	3.16292567	3.95789306
0.115	0.098	3.99159541	3.83786209	3.82443106	3.84063867	3.99341292
0.865	0.852	5.052479	5.19921828	4.48592949	4.63270802	5.00542167
0.421	0.508	4.19872938	4.01026904	4.34822349	4.41733066	4.69224371
0	0	0.11255338	0.09604251	0.14313157	0.12234523	1.00E-04
0	0	0.54585895	0.4643476	0.57565198	0.59420786	0.22976988
0	0.008	0.47001217	0.32632083	0.49957769	0.45674342	0.59115977
0	0	1.00E-04	1.00E-04	0.00825886	1.00E-04	1.00E-04
0.202	0.266	3.23567531	3.3429859	3.31125964	3.24783834	3.79274692
0.119	0.094	3.71572851	3.65564809	3.52926085	3.74797828	3.95117619
0.067	0.053	4.56171782	4.51329084	4.8167315	4.66198717	5.00068541
0.004	0.012	1.05490691	1.29871456	1.2688951	1.30596947	1.95737028
0.75	0.746	5.70909706	6.10696577	6.46787057	6.04134942	5.95890654
0.071	0.078	4.255926	3.9120127	4.31588123	4.07588846	4.90436195
0.063	0.07	3.15965196	3.21003078	2.91909622	3.02597321	2.7718448
0.119	0.041	2.76362477	2.56428737	2.11219507	2.5800038	3.01145794
0.06	0.115	2.78843878	2.95024166	2.38686374	2.74268689	2.59567135
0.258	0.242	4.13151946	4.37940569	3.93880819	4.15790688	4.08226909
0.214	0.23	3.11055358	3.09756947	3.30594544	3.43348884	3.30334457
0.131	0.16	3.06046068	3.0107585	3.33790198	3.32600644	3.28075685
0.091	0.131	2.80266745	2.96459013	2.90460908	2.98222022	2.92805249
0	0	0.03824826	0.0239917	0.00726455	0.06458786	1.00E-04
0.004	0.004	0.26008219	0.82136791	0.29752567	0.29455103	0.69404444
0	0	1.00E-04	0.03672009	0.00807573	0.00201746	1.00E-04
0.028	0.012	3.30839141	3.2996334	3.91917737	3.84677091	3.06209681
0.008	0.004	0.36580855	0.6981678	0.81433122	0.77626853	0.27970188
0	0.004	0.42883096	0.19257628	0.11077906	0.12791172	0.16440511
0.004	0.004	0.20397092	0.34893368	0.2500258	0.54562305	0.43950413
0.04	0.078	1.87649232	1.78982212	1.62429686	1.89423501	1.78063933
0.099	0.082	3.01930468	3.13231228	2.93881386	3.10882419	3.1709694
0.04	0.061	1.75503669	2.15720834	1.60834741	1.72609784	2.13370874
0	0	1.00E-04	0.05920216	0.01092718	0.02575407	1.00E-04
0.103	0.057	2.95439616	3.24304097	3.05872643	3.10507918	3.26193975
0.004	0.012	0.73655325	0.88931188	0.89152022	0.87963689	0.90200085
0.198	0.152	3.29716068	3.64715056	3.24590299	3.37229041	3.69346289
0.317	0.352	3.92576541	4.02444862	3.56836482	3.71880391	3.93868137
0.107	0.078	2.45719039	2.58682532	2.40278763	2.70220308	2.44284484
0.036	0.029	1.28715804	1.52773578	1.54676603	1.76427302	1.31623924
0.103	0.078	2.74804779	2.7237802	2.46401576	2.6776393	2.69375141
0	0.008	0.01413359	0.01022577	0.02294339	0.01142412	0.14508705
0.385	0.373	3.73689984	3.72621129	3.59073921	3.87919261	3.65846557
0.024	0.029	1.68954683	1.75836177	1.34509583	1.22441897	2.32481155

0.016	0.004	1.10250831	1.12934018	0.85834982	1.07140268	1.71944178
0.306	0.275	3.60194819	3.78414812	3.5419774	3.80609115	3.58090305
0.012	0.02	0.77240456	0.89764229	0.73747836	0.84658296	1.45326405
0.032	0.049	0.20459266	0.11017665	0.13267469	0.09268043	0.31162397
0	0	0.12892363	0.14795026	0.08181752	0.06639836	0.16203435
0	0	0.00770746	0.04283764	0.02433512	0.02521719	1.00E-04
0.095	0.053	3.55005309	3.14493424	2.98428985	3.53043107	2.16783967
0	0.004	0.07731822	0.10736705	0.16261442	0.1816369	0.29535357
0	0	0.01493341	0.02984536	0.01903373	0.01818065	0.12092666
0.032	0.033	2.04043985	1.95630344	2.09877587	2.17434357	2.12230211
0.016	0.004	0.43911656	0.28227585	0.21228403	0.1777897	0.43316754
0	0	0.0317854	1.00E-04	1.00E-04	0.00494276	1.00E-04
0.004	0.004	0.40633662	0.2939196	0.17682015	0.32352808	0.08392434
0.067	0.061	3.23991135	3.2859394	3.21366991	3.45760754	3.09990932
0.087	0.094	3.23068335	3.18856719	2.88683059	3.26541645	4.08292968
0.278	0.225	4.60406386	4.48073412	4.33791693	4.43678789	4.02586051
0.087	0.127	3.1147908	3.02434097	2.72424018	2.91130596	2.83385297
0.139	0.143	2.93345567	3.12386695	2.76342177	2.98767328	3.00850343
0.087	0.115	2.98295935	2.88516559	3.14731312	3.18341224	2.95977288
0	0	1.00E-04	0.00614759	0.00158652	0.00796232	1.00E-04
0	0	1.00E-04	0.01189278	0.00820899	0.00791331	1.00E-04
0	0.004	0.20441208	0.2137469	0.10017556	0.09831592	0.03479086
0.008	0.004	0.74309775	0.76417619	0.39865696	0.49493569	0.82154205
0	0	0.16750381	0.17082991	0.25602759	0.31447487	1.00E-04
0	0	0.05618085	0.03938214	0.0495238	0.04090907	1.00E-04
0	0	0.03156274	1.00E-04	0.00922776	0.00957286	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.02098262	1.00E-04
0.008	0	1.24425302	1.84951303	1.07125373	1.25458416	1.2069787
0	0	0.09821304	0.06791838	0.04369732	0.04890451	0.2018953
0.44	0.533	0.34246481	0.25583819	0.5422492	0.47963187	0.42956979
0.381	0.324	0.01269052	0.1900432	0.13685173	0.05780255	0.30840513
0.234	0.168	1.00E-04	0.01922695	0.033292	0.03810622	1.00E-04
0.333	0.201	1.00E-04	0.05059532	0.08529892	0.04285898	0.0655208
0.274	0.238	0.06394854	0.16938465	0.21156574	0.23579071	1.00E-04
0.044	0.061	0.07261127	0.18508897	0.12605177	0.13108569	0.11228281
0.008	0.008	0.06889399	0.17374932	0.05055107	0.11156154	0.1364584
0.028	0.037	1.95534744	1.80336999	1.67767659	2.1402303	0.82101706
0	0.004	0.15963887	0.15668848	0.08889878	0.14668649	0.07952083
0.028	0	2.15747763	2.78521742	2.53940355	2.35735804	3.04457873
0.591	0.578	4.46193299	4.61627364	4.37269259	4.44545201	4.52136971
0.107	0.123	2.7472257	2.88668237	2.78160345	2.83235056	2.98945189
0.726	0.779	6.10582354	6.30185819	5.7375163	5.85122652	6.28053426
0.151	0.201	3.46021963	3.54082361	3.11734155	3.28113525	3.66422566

0.802	0.783	5.44302496	5.51150453	5.22377914	5.39714491	5.95468843
0.131	0.152	3.12667176	2.92522709	3.19239648	3.15051508	3.06748091
0.345	0.398	4.48521413	4.57616379	4.32769264	4.46471098	4.5552161
0.02	0.004	2.7596702	2.79395904	2.84485859	2.91886705	2.39484442
0	0	0.38087012	1.05062716	0.4604637	0.43779263	0.4423948
0.004	0.004	0.12138594	0.08800737	0.04797224	0.04005788	1.00E-04
0	0	0.0112999	0.00496968	0.01888411	0.0495146	1.00E-04
0.012	0.029	0.97112073	1.2686125	0.7658954	0.95812113	0.86539655
0.095	0.082	2.83867456	2.7365673	3.35227562	3.26471666	3.01616114
0.008	0.008	0.19790949	0.27648649	0.37878444	0.39030971	0.7552496
0	0.008	1.58506679	1.6804137	1.42564206	1.51367568	1.93909867
0.349	0.357	4.0269071	4.258375	3.75306976	3.88899831	4.10650936
0.028	0.037	2.11715943	1.76589939	1.81632642	2.12268674	2.43182554
0.262	0.217	4.23579944	4.43951353	4.19168835	4.2690668	4.3803733
0.409	0.398	4.83699489	4.8725488	4.75115974	4.74760992	4.84778493
0.147	0.135	2.12368721	2.65809734	1.86101362	2.17375867	2.13270493
0.036	0.053	2.43759999	2.55253754	2.24482939	2.32415986	2.38579904
0.004	0	0.09220534	0.23471099	0.15537626	0.26369066	0.42139817
0.302	0.348	4.62379884	4.84234308	4.56029927	4.83814329	4.71455667
0.02	0.008	1.54178323	1.88019745	1.84840839	1.88155557	1.58352774
0.353	0.361	3.89742448	3.98049843	4.17614327	4.16815317	4.27243998
0.008	0.008	2.25145264	2.23649778	2.64260964	2.71561095	2.1064111
0.04	0.025	1.5923565	1.47505258	1.57532365	1.53670109	1.82923322
0.004	0	0.11243236	0.19702318	0.36648905	0.38347058	1.00E-04
0.123	0.107	3.26402491	3.22917402	3.26940277	3.34999809	3.00589768
0.163	0.143	3.5456932	3.58664737	3.94770821	4.08171721	3.55203064
0.004	0.012	0.45978931	0.79214518	0.82120406	0.69164857	1.45271931
0	0	1.00E-04	1.00E-04	0.00913646	0.00310887	1.00E-04
0.056	0.107	2.14618577	2.25446838	2.27791746	2.44417667	2.13587962
0.246	0.217	3.47715295	3.52693739	3.29632343	3.45860983	3.48119687
0.187	0.184	3.00325154	3.05034678	3.50900433	3.42642837	3.19971673
0.143	0.189	3.65680481	3.49204461	4.60923832	4.48420957	3.84473277
0.004	0.004	1.0496074	0.78806909	1.44872181	1.44500862	1.35011622
0	0	0.22873101	0.11348683	0.0508723	0.18079495	1.00E-04
0.004	0	1.00E-04	0.01117904	0.0054135	0.02412784	1.00E-04
0.004	0	0.04869196	0.1254633	0.09130357	0.10595187	0.05894868
0	0	1.00E-04	0.01524935	1.00E-04	0.01930633	1.00E-04
0	0	1.00E-04	0.02087762	0.00721286	0.03265038	1.00E-04
0.036	0.02	1.17471713	1.93724603	1.72413531	1.60396144	0.51811523
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0	0.3823906	0.53836269	0.32364635	0.5464158	0.27247198
0	0	0.0251568	0.12235964	0.05967048	0.07732607	0.07765619
0.004	0.004	0.23110187	0.54253795	0.37352291	0.39048549	0.61046457

0.004	0	0.65839289	0.59438347	0.85019792	0.64039208	1.00E-04
0	0	1.00E-04	1.00E-04	0.00677406	1.00E-04	1.00E-04
0	0	1.00E-04	0.00762116	0.00250921	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00179606	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00293646	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01761177	0.01347424	0.01784113	1.00E-04
0	0	1.00E-04	0.00651861	0.00441631	0.0071134	1.00E-04
0.004	0	0.00878107	0.08924363	0.01482066	0.09805566	1.00E-04
0	0.004	1.00E-04	0.13981085	0.14355062	0.45779793	0.18663834
0	0	1.00E-04	0.00463278	0.04249805	0.11252765	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00442944	0.00575523	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.21960235	0.77247803	0.68112224	0.70722473	0.27294712
0	0	1.00E-04	0.06903938	0.04697645	0.04743538	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.429	0.467	4.27198925	4.21842995	5.1358356	4.99841216	4.72553238
0.008	0.016	0.32904611	0.32278644	0.2310833	0.40326587	0.50446653
0	0	1.00E-04	1.00E-04	1.00E-04	0.00575932	1.00E-04
0.135	0.156	4.81976175	4.98828375	4.35702328	4.42359819	4.82876272
0.004	0	0.34399271	0.33515085	0.1754267	0.20100821	0.39437276
0.004	0.016	0.96670835	0.80369418	1.13299041	1.26828324	1.03984132
0.595	0.52	5.19248777	5.28017436	5.34726559	5.30044888	5.22533777
0.099	0.09	2.95178796	2.92855477	3.52620493	3.45244174	3.22092381
0	0.004	0.16859573	0.26659629	0.21875756	0.29313455	0.12982614
0.012	0.016	0.62408574	1.04384302	0.88436024	1.01250632	0.76325823
0.107	0.107	3.06727121	3.47949737	3.14295069	3.29917163	2.87610723
0.048	0.016	5.17044588	5.50573387	4.8323527	4.88857968	5.4381342
0	0	0.01335119	0.08924788	0.04459353	0.0389674	0.12796313
0	0	0.51695936	0.39917878	0.53283714	0.43823074	0.73870421
0.016	0.012	2.20620949	2.28368486	1.86018259	2.09870625	1.9607219
0.02	0.012	1.85971014	1.73302961	2.03654183	2.04851218	1.88668884
0.044	0.029	2.53191099	2.59978122	2.24519062	2.52505659	2.18634778
0.095	0.098	2.54841048	2.86045905	2.50837042	2.65143413	2.85461825
0.194	0.23	3.57941866	3.50398754	3.3215292	3.38473795	3.6086564
0.008	0.004	0.20096869	0.65765445	0.29430606	0.31754905	1.40469971
0.012	0.041	3.01413069	2.85140954	3.05714003	3.08543214	2.88249522
0	0	1.00E-04	0.01365471	0.01221996	0.0053792	1.00E-04
0.167	0.225	4.16619249	4.15462951	4.48737189	4.42019677	4.43513519
0.056	0.037	2.59323359	2.48644734	3.23869777	3.19435747	2.68811101

0	0	0.05731814	0.0415098	0.08252883	0.08345695	1.00E-04
0	0	1.49273008	1.14118895	1.24450249	1.06173542	2.03647756
0.012	0.012	0.23895338	0.37149466	0.35024041	0.35847316	0.48933773
0.23	0.279	3.92734425	3.93178791	4.87543045	4.75862174	4.30021702
0	0	1.00E-04	1.00E-04	0.00419989	0.00444484	1.00E-04
0	0	0.18980634	0.14678905	0.11811171	0.1138071	0.03859445
0.016	0	0.99520664	1.25718868	0.75591651	0.79208068	0.6376618
0.016	0.033	2.30870027	1.68979903	1.96766797	2.53264449	0.71783687
0.056	0.041	0.15266767	0.11080009	0.07061789	0.04237907	1.00E-04
0	0	0.06576566	0.12594394	0.06233478	0.07558413	1.00E-04
0.024	0.041	1.32445167	1.44972199	1.40234087	1.6678683	1.42815666
0.028	0.004	2.56623828	2.58131897	2.83168795	2.86615888	2.42539513
0.004	0.004	0.15516836	0.33284066	0.17406128	0.18544095	0.35277487
0.004	0	0.02929654	0.13101946	0.0384168	0.08717104	1.00E-04
0.008	0	0.94281558	1.37195941	1.27381906	1.45765094	2.45459546
0.008	0.004	0.01920713	0.14961844	0.17614223	0.18680652	1.00E-04
0	0	0.31436463	0.39564556	0.52056573	0.56580624	0.27939327
0.294	0.279	5.24190674	5.45552566	5.66156555	5.64636948	5.24513104
0.127	0.135	4.485516	4.3686491	4.72819472	4.68797641	4.40126502
0.091	0.086	2.7418859	2.78913718	3.5351453	3.59289875	3.52710316
0.246	0.205	4.38062695	4.25608491	5.20447675	5.12778059	4.54569105
0.21	0.172	4.13189056	4.00099973	5.06586589	4.94402789	4.53562226
0.091	0.078	3.3680156	3.34510123	3.70980766	3.68468313	3.5830074
0.294	0.328	4.53811579	4.56528477	5.39608413	5.33877183	4.67709799
0.159	0.18	3.50953515	3.71452083	4.46432948	4.37191495	3.84188656
0.024	0.049	2.26020139	2.51104244	2.41335732	2.62411879	2.22325403
0.103	0.061	3.5172556	3.80174627	3.24237184	3.5185162	3.48094031
0.079	0.074	0.12317339	0.29639005	0.06143704	0.13293403	0.10347266
0.202	0.131	4.758981	4.99183614	5.25784175	5.2911892	5.23512714
0.23	0.221	3.93594137	4.01459202	4.65131681	4.57229459	4.07970247
0.099	0.143	2.8093794	2.96725021	2.70374236	2.82594167	1.91501272
0.401	0.393	5.69229859	5.89436831	5.955238	6.01639271	5.85395289
0.246	0.189	4.37015011	4.49482814	4.06531317	4.15458649	4.4453289
0.008	0	0.06945745	0.23952131	0.09167689	0.10157198	0.17253459
0.282	0.307	4.50960248	4.72041157	4.48849671	4.61458187	4.53262326
0.151	0.156	4.28664782	4.32964283	4.10910192	4.27231625	4.19273632
0.377	0.27	4.55600637	4.88463546	4.32169688	4.43452255	4.50100286
0.409	0.398	5.16712352	5.41893638	4.96546298	5.11243078	5.27037661
0	0.004	0.14878208	0.29452907	0.34922562	0.32214196	0.05678968
0.171	0.184	3.0876346	3.18244431	3.5620324	3.45250515	3.25134816
0.234	0.266	3.67720602	3.66629418	3.66920611	3.75295209	3.81592277
0.103	0.102	3.45514598	3.55796042	3.12004032	3.32490538	3.51821876
0.083	0.066	2.45761159	2.3837104	2.49824708	2.54381909	2.71157666

0.286	0.365	4.00937509	3.84765545	3.89465971	3.96212221	4.16806804
0.222	0.254	2.44402748	2.41416235	2.37727316	2.66341435	2.36124882
0.512	0.475	0.96592217	1.19462223	1.36819348	1.24610598	3.75738135
0.298	0.275	3.57091722	3.82741482	3.44690809	3.71704121	3.55041977
0.083	0.102	3.7259112	3.71314088	3.32043495	3.41241778	3.02249731
0.107	0.135	0.47010641	0.48057793	0.91623739	0.94045043	0.43194967
0	0	0.17760127	0.19013223	0.24038052	0.26912233	0.4294351
0.131	0.143	0.74787011	0.79299049	0.54327891	0.77173185	0.2547153
0	0	0.31440857	0.27321552	0.40761795	0.43639599	0.2637149
0.044	0.037	3.57386984	3.43174961	4.37236633	4.00722537	2.9597186
0	0	0.05909557	0.03532784	0.02005231	0.11020542	1.00E-04
0.29	0.328	2.9604718	2.79569377	3.0095726	3.12347202	3.44027215
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.032	0.053	1.70011502	1.80314437	1.8980262	2.02962019	1.94449976
0.02	0.045	1.11664227	1.60616107	1.24697163	1.53140023	1.3634381
0.024	0.057	1.65744285	2.0480841	1.90159949	1.97118159	1.81497087
0.516	0.533	0.33748866	0.72487492	0.86594712	0.78157299	0.9029023
0.123	0.168	1.95674369	2.35866706	1.56136661	1.93250053	2.73109304
0.175	0.135	3.19774806	3.26879204	3.20169399	3.32559541	3.11746286
0.004	0.008	0.37172561	0.41630948	0.60185715	0.65120649	0.32270056
0	0	0.02271801	0.02875433	0.01951373	0.02634609	1.00E-04
0.004	0.004	0.37357241	0.40949973	0.33892071	0.43553973	0.30985023
0	0	1.00E-04	1.00E-04	0.00786041	0.00272424	1.00E-04
0.012	0.004	1.56206689	2.27748776	2.09409708	2.19022634	1.3919469
0.611	0.561	5.10964877	5.41905912	4.68338615	4.83662129	5.43627272
0.429	0.418	5.00288252	5.03533398	4.48608157	4.77924426	5.12728682
0.778	0.73	6.18921941	5.81683481	6.17586214	6.23108062	6.47855548
0.687	0.68	4.40698711	4.47912342	4.19223476	4.39181025	5.12557376
0.02	0.004	0.44619465	0.3872948	0.32596194	0.39190811	0.17533893
0.004	0	0.01018451	0.17584962	0.10201462	0.08975467	0.23945682
0.119	0.119	3.9926713	4.07300841	3.75415847	4.01325277	3.88316778
0.048	0.066	2.22526109	2.00699303	1.91871221	2.07483483	2.39393794
0.325	0.324	0.50061366	1.61219959	0.3425358	0.51150466	1.70099779
0.004	0	0.90585807	0.86535386	0.79136442	0.93956591	0.49040481
0.361	0.365	5.42720172	5.35540095	6.24791827	6.11143162	5.69695165
0.012	0.008	0.31423642	0.60194891	0.48333131	0.61813334	0.54507867
0	0	1.00E-04	0.02096384	0.00960833	0.00878681	1.00E-04
0.115	0.111	2.9547924	2.57054223	3.29993866	3.32455041	2.81823804
0.004	0.004	2.06305818	2.04183617	2.00381717	2.06749773	2.00920748
0.004	0	0.60860332	0.48265309	0.65772489	0.76410659	0.58700058
0.294	0.299	3.66499759	3.79100142	3.56772302	3.22652379	3.66819727
0	0	1.00E-04	0.00377762	1.00E-04	1.00E-04	1.00E-04
0	0	0.03594371	0.01243343	0.00862118	0.01004258	1.00E-04

0.071	0.02	5.59790713	5.63813931	5.20262476	5.25503334	5.43641376
0.194	0.197	1.89009896	2.592319	1.55108127	1.62940152	4.94903517
0.103	0.107	3.90468241	3.58638962	3.95905919	4.08146107	3.46618619
0.016	0.016	0.43037791	0.32026196	0.70976331	0.71612425	0.50905569
0.004	0.008	0.14502897	0.15577194	0.27143118	0.3117896	0.18869017
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.159	0.254	0.17926938	0.39235052	0.24457917	0.28157919	0.45936011
0.008	0.004	1.98035266	2.25812848	1.71428617	2.06962902	1.82893641
0	0	0.123965	0.32136751	0.20117909	0.20845601	0.04839768
0.095	0.07	2.6873745	2.59877996	2.56805606	2.73665856	2.78254855
0.274	0.27	3.82158786	3.78934761	3.49684664	3.73534077	3.8199158
0	0	1.00E-04	1.00E-04	1.00E-04	0.00785783	1.00E-04
0.206	0.238	2.92820846	2.96756849	3.31193438	3.31507666	3.33554009
0.214	0.201	3.75075708	3.77374179	3.67321566	3.94656928	3.77687524
0.016	0.012	0.80674031	0.85618042	0.97816893	1.01197518	1.11584256
0.202	0.16	3.10093563	3.2766894	3.31843734	3.40197471	3.28466669
0	0	1.00E-04	1.00E-04	0.02912943	0.01023688	1.00E-04
0.004	0	0.22337875	0.09083865	0.0405119	0.0373291	1.00E-04
0.135	0.135	3.93493911	3.78960225	4.11158297	4.20347347	3.82792363
0.19	0.205	3.18681102	3.07070805	3.81062994	3.75391353	3.32429398
0.008	0	0.1837928	0.30893091	0.34565027	0.3603234	0.38580942
0.083	0.061	2.81955238	2.80505102	2.69218664	2.83175614	2.84555619
0.024	0.016	0.79827429	1.2875513	1.51183351	1.02851315	1.25329289
0.123	0.115	3.30387871	3.43285047	3.42637737	3.59837336	3.36870152
0	0	1.00E-04	0.00469725	1.00E-04	1.00E-04	1.00E-04
0.008	0.008	0.4070293	0.3893824	0.32620259	0.41501839	0.21185894
0.19	0.168	3.59651168	3.81845019	3.72530005	3.69934085	3.74688876
0	0.004	0.77148179	0.7574255	1.01736619	0.93714547	0.68354475
0	0	1.00E-04	1.00E-04	0.01092082	0.0326204	1.00E-04
0.766	0.611	7.22258277	7.09017069	8.05046532	8.0163714	7.14844763
0.063	0.057	3.82268615	4.97769462	4.53542865	4.48526482	3.68708539
0	0.004	0.10553416	0.2474574	0.11162587	0.1885089	0.25155762
0.127	0.102	4.09047641	4.22666773	4.60244276	4.50774775	3.91694011
0.008	0.004	0.3140248	0.32528657	0.60344796	0.54644887	0.07969377
0	0	0.01332288	0.03752026	0.0116667	0.02371962	1.00E-04
0	0	1.00E-04	1.00E-04	0.01850667	0.00731317	1.00E-04
0.008	0.016	0.560805	0.53735785	0.55233997	0.69099032	0.64833528
0.119	0.09	4.75190617	4.90031155	4.9571143	5.18481901	5.19461979
0.004	0.004	3.00909267	3.42701261	2.60541527	2.63967935	2.10983088
0	0	0.07601821	0.11140953	0.09653114	0.10494721	0.20972026
0	0.004	0.02264529	0.1048295	0.05706523	0.10861267	0.19562148
0.004	0.008	0.12758602	0.21822025	0.17232232	0.30671994	0.19640289
0	0.008	0.05069178	0.56254046	0.4537219	0.51754208	1.00E-04

0	0	0.02678261	0.01250919	0.01802628	0.04228848	1.00E-04
0	0.008	0.29702162	0.27504853	0.13619903	0.22241278	0.16279784
0.052	0.041	3.67934995	4.12645808	3.79316487	3.92640362	4.38341951
0.016	0.008	2.25243689	2.66253739	1.85709337	2.228018	2.2786725
0.008	0	0.9172318	1.22096771	0.9966252	1.01846907	1.08378635
0.008	0.008	0.13668657	0.35929728	0.21290226	0.26483734	0.15802171
0.008	0	0.43828087	0.39181613	0.21193323	0.31281691	0.20188863
0.115	0.123	3.36419298	3.57812787	3.30844042	3.37159509	3.61891251
0	0	1.00E-04	1.00E-04	0.00240705	1.00E-04	1.00E-04
0	0	1.00E-04	0.01024627	0.01243245	0.01357636	1.00E-04
0	0	0.04444721	0.01250989	0.00471564	0.00304799	0.10227205
0.028	0.008	1.72028265	1.86633612	1.76243295	1.80867536	1.56191665
0	0	1.00E-04	1.00E-04	1.00E-04	0.00115127	1.00E-04
0	0	0.00950478	0.01553013	0.03712284	0.02336459	1.00E-04
0	0.004	2.1876749	1.79764986	1.59109909	1.22678956	0.15835832
0	0	0.08044185	0.17874709	0.07342288	0.08020528	0.23687179
0.024	0.033	2.10045764	2.04865006	2.19709524	2.3254118	2.08919795
0.04	0.029	1.06156217	1.47307906	0.9808743	0.77726665	1.49585057
0	0	0.19639004	0.35122669	0.20132811	0.19908692	1.00E-04
0.056	0.045	2.18502844	2.64044841	2.26522191	2.47861022	2.28753384
0.028	0.033	1.9523084	1.96781976	1.82549449	1.92277052	1.96640152
0.016	0.033	1.70278374	1.77827912	1.91493031	1.93729301	1.73380345
0.004	0	1.726284	1.97595339	2.16203531	2.07832874	2.16941127
0	0	0.78485144	0.8629386	1.09917313	0.88085252	1.58251662
0.016	0.008	1.75881791	1.76217481	2.47798782	2.33622599	2.25178965
0.063	0.029	3.53870251	3.57523186	4.35415031	4.16955773	3.75890777
0.032	0.004	3.95261304	3.77214024	4.69111932	4.71661006	4.00823841
0	0	0.5402469	0.32076922	0.38564695	0.37645143	0.81439255
0.028	0.045	2.03906634	2.44255712	2.50214547	2.36775185	3.27575513
0.048	0.016	3.99393002	3.85114886	4.51238711	4.4293752	4.28858189
0	0	0.1747745	0.47364003	0.70715775	0.49399842	1.66908544
0.024	0.025	4.53160939	4.7200329	4.62698143	4.73237251	4.065931
0.044	0.033	5.24760892	4.99887622	4.5070176	4.73931065	3.88815855
0.222	0.152	3.23084132	3.00738485	2.65589733	3.0548103	3.86576069
0.198	0.25	0.35632946	0.47368477	0.5534285	0.64659408	1.99974176
0	0	1.00E-04	1.00E-04	0.00413698	0.00966062	1.00E-04
0.194	0.164	3.48637855	3.35396128	3.49791222	3.68375138	3.98178945
0.127	0.119	4.10055682	4.29285516	4.16771376	4.00864213	4.03056829
0.397	0.328	5.15849526	5.39465575	5.1546379	5.09014787	5.64996261
0	0	0.15524115	0.44177926	0.22902694	0.27643264	0.29625009
0	0	1.00E-04	1.00E-04	1.00E-04	0.00881855	1.00E-04
0	0.004	0.04573001	0.12013501	0.09183207	0.07580089	0.04715504
0.044	0.082	1.81422024	2.03475868	2.24245532	2.22831544	1.92474565

0.151	0.123	3.13087455	3.50777112	2.91753427	3.11982858	3.21924608
0.194	0.184	3.85222844	3.93703128	3.44395319	3.67767605	3.85371751
0	0	0.12710793	0.29506091	0.12875387	0.1964586	0.18294388
0.032	0.033	2.69305573	2.88421579	3.18744221	3.28152751	2.52679859
0.04	0.049	2.18961746	1.84525882	2.11856003	2.18591925	2.28572739
0.06	0.07	1.46165249	1.47315524	1.38396793	1.57402988	1.96292451
0	0	1.00E-04	0.00995292	0.02452087	0.0069518	1.00E-04
0	0	0.04355708	0.14886708	0.07238751	0.05065552	0.14769508
0	0	0.02969275	0.04787228	0.04363707	0.02641495	1.00E-04
0	0	1.00E-04	0.05824141	0.04208316	0.02403684	1.00E-04
0	0	0.0066134	0.04068366	0.01324902	0.03644128	1.00E-04
0.004	0.008	0.59133045	0.56749684	0.42324482	0.49235787	0.28346923
0	0	0.0091815	0.04216586	0.04620912	0.07372017	0.09755498
0.004	0	0.00900232	0.00392791	0.00643388	0.00673939	1.00E-04
0.04	0.033	1.6386723	1.64558814	1.66221926	1.72607282	2.00544518
0.099	0.111	4.6986142	4.47766347	5.02040086	5.16571107	4.46673582
0.016	0.004	0.21344091	0.51474022	0.35894295	0.60673333	0.59115852
0.06	0.07	1.88575838	1.96022445	1.97424559	2.26973212	2.0127085
0	0	0.00746786	0.0436258	0.02925697	0.03870874	0.43506395
0	0	1.47810326	1.71912326	1.31381767	1.66242231	0.70667509
0.004	0	0.21636735	0.07306824	0.01627864	0.00995411	0.13186721
0	0	0.0059646	0.02567431	0.03340059	0.05424229	1.00E-04
0	0	1.00E-04	1.00E-04	0.00272748	1.00E-04	1.00E-04
0	0	0.10931198	0.00881254	0.07503032	0.06844556	1.40530844
0	0	0.05457138	0.02552738	0.0254476	0.03758404	0.81759803
0.016	0.016	0.91802933	0.78760524	1.39857059	1.33199022	1.08671307
0	0	0.21735155	0.16084219	0.31226858	0.27968474	0.25825326
0.075	0.037	4.31570133	4.28036491	4.99868391	4.87135991	4.46294963
0.004	0	0.00564791	0.15560543	0.13211785	0.0689242	0.17094205
0.095	0.074	2.80256852	2.68194061	2.89034941	2.86971585	2.73183622
0.02	0.029	1.38171684	1.56380485	1.48589902	1.60393296	1.12927738
0.139	0.143	2.13401579	2.29463893	1.87657034	2.00577192	2.45806921
0.226	0.205	3.47863963	3.40283801	4.09901146	4.0006984	3.71486534
0.183	0.189	3.42358468	3.58235236	4.06859856	3.97674361	3.59362508
0.004	0.004	0.32841748	0.26377557	0.12537622	0.1364311	0.32322454
0.262	0.266	4.22177888	4.33233735	4.92597991	4.85991237	4.38951906
0.063	0.078	2.5836152	2.52076188	2.32821716	2.52365638	2.38774777
0.504	0.447	4.7547536	4.84142197	4.23390454	4.20664909	4.3183118
0.103	0.086	2.03842913	2.34183654	2.0995408	2.1887695	2.46406432
0.405	0.324	4.73584855	4.93035845	4.50424807	4.64530367	4.89239429
0.103	0.123	2.66642567	2.57797152	2.27703072	2.43457053	2.50250964
0	0	0.40436043	0.15188024	0.06807064	0.04240394	1.00E-04
0.179	0.209	3.99632944	3.96897122	3.63338122	3.92119407	4.02924147

0.06	0.074	2.32585778	2.55203616	2.75985719	2.72277902	2.64787762
0.02	0.012	2.22941817	2.23976525	1.90286992	2.04591367	1.84083261
0	0	0.53990432	0.71384263	0.71296331	0.35420071	0.35502145
0.266	0.365	6.15178178	6.17172255	6.10333089	6.18686998	6.36050251
0.131	0.127	1.63232469	1.81326819	1.32027393	1.54539424	2.70808955
0.067	0.025	2.20446633	2.14720048	2.47536103	2.5129664	2.2664412
0	0	0.03701959	0.42005661	0.08944033	0.08833907	1.00E-04
0.004	0.02	0.40338782	0.47914975	0.40545003	0.55187823	0.63486171
0	0.004	1.00E-04	0.05800925	0.0504855	0.01819847	1.00E-04
0.079	0.033	4.2157833	4.16097875	4.71666092	4.72158932	4.36941952
0.008	0	0.0193769	0.43639793	0.18289089	0.14693625	0.15786056
0.171	0.16	2.68755367	2.89641847	3.01932499	3.11393443	3.02111759
0.127	0.078	2.14644855	2.32857406	1.65444571	1.67751143	1.77012989
0	0	0.09737493	0.19077649	0.20958134	0.17227683	0.06222853
0.004	0	0.31549694	0.39090066	0.24105218	0.33147564	0.1083967
0	0	0.34110065	0.44998136	0.39674502	0.53709255	0.4534576
0.024	0.02	0.23009516	0.22964997	0.17369904	0.33445339	0.55191654
0.167	0.189	3.22533184	3.40782051	2.94806723	3.16956217	3.47592786
0.048	0.033	2.1587053	2.36644691	2.38267088	2.5116665	2.26183579
0	0	0.01934901	0.0100622	0.01130273	0.02225073	0.03900095
0	0	0.01063416	0.03936974	0.08848774	0.05164104	0.05742797
0.004	0.012	1.08979444	0.8935982	0.69066929	0.86086434	1.1335461
0.587	0.57	5.42213869	5.5398763	5.13493731	5.26108554	4.99478183
0.119	0.09	2.67036466	2.79232834	2.60292701	2.65411609	2.66399801
0	0.004	0.46064446	0.333133	0.30021552	0.31150625	0.36184249
0.194	0.18	3.98701912	4.18026546	3.49988136	3.56959905	3.56967319
0	0.004	1.00E-04	1.00E-04	0.04810657	0.01954113	1.00E-04
0	0	0.03195907	0.02855253	0.01220572	0.01878792	1.00E-04
0.048	0.02	2.00042945	2.08151246	2.85544884	2.20552857	2.11712916
0.032	0.012	1.82091991	2.06429362	2.67167811	2.67219569	2.17004639
0	0	1.00E-04	0.00971919	0.01139746	0.00112127	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00878986	1.00E-04
0.329	0.348	0.25880094	0.18768924	0.13034947	0.12643829	0.15843669
0	0	0.04407596	1.00E-04	0.00197591	0.00503201	1.00E-04
0.008	0.008	0.57695526	0.69286319	1.23867342	1.09458729	0.50346258
0	0	1.00E-04	0.01073474	0.00953373	0.01163393	1.00E-04
0	0.004	1.48378719	2.04635137	1.2229334	1.61806522	1.40443585
0.004	0	0.01663485	0.03610258	0.02753474	0.03104999	1.00E-04
0	0	0.06273389	0.11544265	0.04453299	0.0740874	0.19861872
0.008	0.012	0.43589112	0.34774661	0.33594678	0.50156746	0.53600379
0	0	1.00E-04	1.00E-04	0.00425644	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.29335401	0.20510164	0.16338429	0.14519198	0.07583547

0.004	0.004	0.01022739	0.07231018	0.12016443	0.13094349	0.09341511
0	0	1.00E-04	0.00645034	0.00545675	0.02047543	1.00E-04
0.008	0	0.20995161	0.1798891	0.43450422	0.34374757	0.58382368
0.028	0.033	0.77746305	1.00003838	1.7024487	1.48886948	0.91304507
0.016	0.029	1.08666326	1.04073363	1.03921991	1.18569191	1.45139406
0.012	0.008	1.62089468	1.74075853	1.61533994	1.94264858	1.59101446
0	0	1.00E-04	1.00E-04	0.00342394	0.0027316	1.00E-04
0	0	0.02320782	0.04120908	0.03682052	0.03309178	0.03409116
0	0	1.00E-04	1.00E-04	0.00605922	0.01199377	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01087683	1.00E-04
0	0	0.02720725	0.08861577	0.15230451	0.1185663	0.1389718
0	0	0.01850032	0.02475587	0.01298163	0.02625901	1.00E-04
0.194	0.139	3.97764174	3.74378194	4.31785681	4.27602106	4.18767027
0.02	0.008	0.37970499	0.47132619	0.67257854	0.73032413	0.58945832
0.004	0	1.62210183	1.75976423	2.26261675	2.05694879	1.77293415
0	0	1.00E-04	1.00E-04	0.0163599	0.01022436	1.00E-04
0.028	0.004	0.70286332	0.76427547	0.88835959	0.87037695	1.15106935
0	0	1.00E-04	0.01207194	0.00773788	0.00320221	1.00E-04
0	0	1.00E-04	1.00E-04	0.00700292	1.00E-04	1.00E-04
0	0	0.02609153	0.0253517	0.01870427	0.02406247	1.00E-04
0	0	1.00E-04	0.02067389	0.02387687	0.04871495	1.00E-04
0	0.004	1.00E-04	0.0049544	0.04809884	0.0556062	1.00E-04
0	0	0.36859515	0.46626826	0.74849529	0.79221614	0.51848966
0	0.004	1.00E-04	0.02937751	0.00369858	0.01759199	1.00E-04
0.016	0	0.5131333	1.29759238	1.5780964	0.23094913	2.38340387
0.012	0.004	1.3751313	1.23778327	0.91013332	1.06488752	1.3752163
0.004	0	0.08048927	0.18591053	0.10197182	0.1894572	0.29669999
0	0	1.00E-04	0.0224669	0.00117496	0.01002798	1.00E-04
0	0	0.03421738	0.1350884	0.07930161	0.09495732	1.00E-04
0.067	0.008	2.47302	4.07567327	5.59153785	2.45580031	2.83516699
0	0	0.01089225	0.04894386	0.02145931	0.10098547	0.04657928
0.274	0.307	3.64479083	3.71451037	3.73965085	4.0075198	3.9771442
0	0	1.00E-04	0.00693392	1.00E-04	1.00E-04	1.00E-04
0.016	0.02	0.89275902	1.16956393	0.72324804	1.03814671	0.84508135
0.008	0	0.34275801	0.57703977	0.36717205	0.48403396	0.30719466
0.012	0.004	0.76528019	0.71235812	0.55901511	0.67225181	0.66828489
0	0	1.00E-04	0.0330223	1.00E-04	0.00501318	1.00E-04
0.143	0.139	2.77095116	2.86535363	2.43404558	2.67465143	2.97457058
0.008	0.02	1.14641664	1.80110515	1.41818277	1.69332824	1.09623105
0	0	0.09334161	0.06060164	0.15026423	0.1611144	0.14097104
0	0	1.00E-04	0.00483992	0.0048032	0.00459292	1.00E-04
0	0	0.06660602	0.07274236	0.0655686	0.07432405	0.18862677
0.004	0	0.95341826	0.84082866	1.41082817	1.37992756	0.78121217

0	0	0.13154677	0.1588749	0.08882136	0.13662617	0.2344341
0.004	0.02	0.35795719	0.41989548	0.68994344	0.61320503	0.31541011
0.321	0.242	4.57417709	4.56445501	4.95459535	4.9725393	4.76956945
0	0	1.00E-04	1.00E-04	0.03038547	0.01131768	1.00E-04
0	0	0.14045432	0.31391243	0.23858432	0.22087663	0.15823721
0.008	0.016	0.29830234	0.34363727	0.33971655	0.38131477	0.7534496
0.004	0	0.10385086	0.16310237	0.20714298	0.34177815	2.52476274
0.008	0.025	0.0097213	0.05277905	0.03589368	0.03217883	1.00E-04
0.024	0.016	0.918892	1.12798882	1.72273445	1.77536813	1.10747031
0.04	0.012	0.49669926	0.62426476	0.72503959	0.83393878	0.59129254
0	0	1.00E-04	1.00E-04	0.00985508	0.00674005	1.00E-04
0	0	1.00E-04	0.00364769	1.00E-04	1.00E-04	1.00E-04
0	0	0.49658048	0.24719644	0.10437544	0.17203361	0.43027801
0	0	0.12756558	0.15460008	0.05711546	0.08717899	0.11384268
0	0	0.23707809	0.25876566	0.20172715	0.25310123	0.52855359
0.012	0.025	1.39896428	1.45347639	1.10024618	1.37855629	1.0952231
0.004	0	0.54887279	0.49469019	0.64458539	0.622902	0.8675184
0.016	0.008	2.2321533	2.51015835	2.08786792	2.17906046	2.30004905
0.008	0.008	1.00E-04	0.02402846	0.04461081	0.01991675	1.00E-04
0	0	0.28755464	0.39909114	0.69617563	0.58715442	0.59675434
0.004	0	0.10976021	0.15736702	0.20053862	0.19225017	0.53776548
0	0	0.04416432	0.05520315	0.04940808	0.04679406	1.00E-04
0.036	0.041	1.96978075	1.85105944	2.39233104	2.19781504	1.87614982
0	0	1.00E-04	0.01065874	0.02794553	0.02934726	1.00E-04
0	0.012	0.16847499	0.19451327	0.13429453	0.173398	1.00E-04
0	0	0.04108628	0.09136344	0.05224964	0.08082207	0.1961914
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.00791881	0.0152944	0.04441984	0.0266315	0.06052039
0	0	1.00E-04	0.00259211	0.0295962	0.06274148	1.00E-04
0.012	0.012	0.68890596	0.70277424	0.79915849	0.95339275	0.18884975
0.147	0.148	2.74335216	2.84638171	3.47506956	3.44565735	3.03354089
0	0	0.04539269	0.05151191	0.00487052	0.00418887	1.00E-04
0	0.008	0.51045937	0.52542934	0.29813793	0.37008599	0.47389953
0.004	0.004	0.67557693	0.72375553	1.27696269	1.18401063	0.78912396
0	0	1.00E-04	0.03270647	0.04755526	0.05653838	1.00E-04
0	0	0.11886502	0.05098727	0.03247627	0.02744816	1.00E-04
0.004	0.004	0.14905687	0.36674857	0.17784341	0.14606954	0.03022522
0	0.02	0.03267522	0.05114412	0.01481207	0.03909356	1.00E-04
0.04	0.033	0.00988398	0.15356821	0.08859042	0.07778778	0.05015589
0	0	1.00E-04	0.00297964	0.01915234	0.01700607	1.00E-04
0	0	0.01356337	0.03743744	0.14575834	0.1176881	0.05010327
0	0	0.02822445	0.06242347	0.03070305	0.03875235	1.00E-04
0.008	0.016	1.58648888	1.61241195	1.60557957	1.93772154	1.61889778

0	0	1.00E-04	0.00456775	0.01297602	0.00821405	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00382991	1.00E-04
0	0.004	0.05752423	0.13630076	0.04183589	0.0876148	0.10845203
0	0	0.04431299	1.00E-04	1.00E-04	0.01070037	1.00E-04
0	0	0.12503635	0.09861713	0.19675281	0.19180503	0.66517265
0	0	1.00E-04	1.00E-04	0.01574542	0.01734802	1.00E-04
0	0	0.01087632	0.00719506	0.06026287	0.01335661	0.4113655
0.46	0.357	3.44488278	3.49011642	3.40244466	3.8556644	3.6511193
0	0	0.02040546	0.04367972	0.03710376	0.00680202	0.03449192
0	0	0.08788292	0.02297824	0.01042181	0.01833161	0.10705083
0	0	1.00E-04	1.00E-04	0.00338585	0.00529517	1.00E-04
0	0	1.00E-04	0.01882326	0.02566082	0.01969321	1.00E-04
0.032	0.008	1.33435585	1.74653511	1.16870311	1.24019187	1.30128852
0.012	0.008	1.47363119	1.55879585	2.16866697	2.14454604	1.96739308
0	0	0.09928035	0.11729775	0.05492697	0.08289822	0.10806308
0	0	0.10369995	0.08989114	0.05813947	0.16556963	0.08610971
0	0	0.11253974	0.25769467	0.1240331	0.14582162	0.29891815
0.401	0.348	4.16892504	4.47446177	4.42309418	4.52652147	4.39741285
0	0	0.09440714	0.10071992	0.26133859	0.18324158	0.18983677
0.032	0.02	0.74111485	0.6665093	0.82340121	0.81837194	1.05094927
0.012	0	0.5294636	0.36981959	0.81057092	0.60544798	0.67970713
0	0	1.00E-04	0.00698189	0.00404499	0.00738686	1.00E-04
0.008	0.008	0.85811602	1.08784789	1.41244452	1.27323333	0.8922328
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.05754411	0.08784433	0.08406447	0.1124781	0.05052188
0	0	0.2537432	0.06020745	0.1231633	0.24829229	0.36365056
0	0	0.44601772	0.40619635	0.17256272	0.28642078	0.35386371
0	0	0.02859398	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.008	0.73349103	0.82425097	0.64513799	0.83975716	0.67574646
0	0	1.00E-04	1.00E-04	1.00E-04	0.00280086	1.00E-04
0.008	0.012	0.48111916	0.57710896	0.443821	0.69185163	0.49187596
0	0	1.00E-04	0.00521155	1.00E-04	0.01733291	1.00E-04
0.004	0	0.24687916	0.1255518	0.18971161	0.18688836	0.46042746
0.044	0.061	1.65945338	2.05953688	2.6146238	2.4247362	1.74647768
0	0	0.01762013	0.01619646	0.00777517	0.00751456	0.08900009
0	0	0.03261201	0.09857141	0.06260001	0.04523722	0.06468513
0	0.004	1.00E-04	0.07097584	0.04441503	0.15608162	1.00E-04
0	0	1.00E-04	1.00E-04	0.01430089	0.00880267	1.00E-04
0.02	0.029	0.76041269	0.81272598	1.61065398	1.3542227	0.9045616
0.131	0.139	2.74906104	3.94607047	2.38513344	2.67291437	2.93520942
0.024	0.016	1.05888172	1.37291012	0.956193	1.10027778	1.21107114
0.044	0.025	1.15138642	1.13922542	1.18692461	1.29816762	1.53116147
0	0	0.04460419	0.00932234	0.02084282	0.02415816	1.00E-04

0	0	0.1034586	0.22101899	0.10865331	0.08255093	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.02663539	1.00E-04
0	0	0.0402967	0.10344273	0.02073087	0.03459584	1.00E-04
0.004	0	0.37909087	0.33169346	0.30135375	0.27094581	0.10520524
0	0	0.26961014	0.41320514	0.2580287	0.27666987	0.10486753
0.004	0	0.07530911	0.14460175	0.05658888	0.05490795	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00512745	1.00E-04
0	0	0.15600166	0.07249054	0.06758921	0.11060572	0.32776168
0.194	0.184	3.99116676	4.07740339	4.68200672	4.44713785	4.36727347
0	0	0.27335441	0.09265127	0.09197283	0.10662698	0.10347266
0	0	0.02684301	0.10032089	0.05799789	0.07629982	1.00E-04
0	0	1.00E-04	1.00E-04	0.00322604	0.00175998	1.00E-04
0	0.004	0.27160162	0.19090425	0.19213859	0.35615586	0.26876174
0.036	0.025	1.54057513	1.6411113	2.20031017	2.09870017	1.8166144
0	0	1.00E-04	0.02159279	0.00214955	0.01002637	1.00E-04
0	0	0.09727869	0.0950714	0.07265326	0.10858154	0.23591216
0.06	0.037	2.81306706	2.99070589	2.67492208	2.83819984	2.4989559
0.024	0.041	1.66024961	1.80552927	2.17274867	2.26736043	1.78610494
0	0.016	2.42664916	2.89034009	2.04773031	2.62054901	1.99946604
0	0	0.08236474	0.01357818	0.00906408	0.00997722	1.00E-04
0	0	1.00E-04	0.26928657	0.02883797	0.0256177	1.00E-04
0.008	0	0.28985592	0.56034938	0.23455294	0.16861077	0.20487674
0.008	0	0.50030124	0.96470914	2.23131759	0.80957386	2.61528226
0	0	1.00E-04	0.00905423	0.00240301	0.04265462	1.00E-04
0	0	1.00E-04	0.03659795	0.00341428	0.02587182	1.00E-04
0.004	0.008	0.17666627	0.26071597	0.40918462	0.31566059	0.59235126
0.044	0.082	2.71225772	2.65555443	2.88676564	2.95153228	2.67184668
0.004	0.004	1.3013556	1.38257573	1.0037923	1.31085093	1.53222315
0.016	0.02	0.41158268	0.28263668	0.24020796	0.16085982	0.44953152
0	0	1.00E-04	0.00925532	0.00270009	0.00905483	1.00E-04
0.083	0.053	0.26111525	1.14292022	2.36073615	0.76827076	2.69339211
0	0	0.022762	0.04479617	0.06448768	0.06395741	1.00E-04
0	0	1.02333583	1.07889131	1.47962041	1.55017444	1.07595282
0	0.012	3.85092592	4.26526473	3.25835423	3.74076913	3.35718555
0	0	1.00E-04	0.04087706	0.01230511	0.01564233	1.00E-04
0.067	0.012	3.57840367	3.330584	4.9254106	4.08800732	3.33077824
0.028	0.061	2.13756394	2.08596231	1.98264538	2.12508221	2.05436558
0	0	0.11473432	0.16706318	0.24555904	0.26363381	0.04807674
0.004	0	0.26178257	0.07230739	0.14184644	0.16365449	0.26418113
0	0	1.00E-04	0.08219058	0.03061834	0.04992586	1.00E-04
0.028	0.016	1.36001942	1.41204057	1.32218755	1.44278034	1.34723763
0.071	0.078	2.07523123	2.27621738	2.39533409	2.44442821	2.16667984
0	0	1.00E-04	0.02988338	1.00E-04	0.04975857	1.00E-04

0	0	1.00E-04	0.00594777	0.0017206	1.00E-04	1.00E-04
0	0	0.05353532	0.00271717	0.02297486	0.0389171	1.00E-04
0	0	1.00E-04	1.00E-04	0.00266691	1.00E-04	1.00E-04
0	0	0.04393666	0.00548086	0.00574665	1.00E-04	0.07577321
0	0	0.13725498	0.09391009	0.02569053	0.0481775	1.00E-04
0.071	0.09	0.62321198	0.80693952	0.74349676	1.10772492	0.87604555
0	0	0.02105035	0.08229811	0.09182516	0.10673759	1.00E-04
0.012	0	0.76696387	0.76081739	0.33997821	0.43793451	0.81217828
0.012	0.004	1.00888504	1.31049418	1.19882899	1.32241325	1.04980338
0	0	0.35157763	0.11619526	0.11851289	0.10521902	1.00E-04
0	0.008	1.71891786	1.8190328	1.79757606	1.61753225	3.11586193
0.012	0.02	0.08961837	0.10444351	0.07375724	0.09360325	1.00E-04
0.016	0.004	0.49551954	0.30122961	0.47841147	0.44939223	0.51605682
0.091	0.119	2.50559027	2.63202335	3.32650529	3.13066174	2.80603935
0	0	1.00E-04	0.03829364	0.01079424	0.04134461	1.00E-04
0.028	0.016	1.23007592	1.01970636	0.97681377	1.34200924	1.28410113
0	0	0.13630977	0.05185474	0.01834379	0.04375782	1.00E-04
0	0	1.00E-04	1.00E-04	0.00930784	0.002076	1.00E-04
0.016	0.029	0.48619594	0.34434482	1.10841347	0.88509224	0.87276206
0	0.012	0.60092139	0.78432515	0.66736514	0.84325163	0.72575094
0.036	0.049	1.67361651	2.00251678	1.86327584	2.33897061	1.66915673
0	0.008	0.16573342	0.18776608	0.22076613	0.22535225	0.37122447
0	0	0.04322856	0.04015368	0.0670691	0.04771672	0.03103739
0.004	0	0.33807552	0.16631283	0.16019783	0.19638994	0.03859445
0.111	0.135	2.3363888	2.40999568	2.30279809	2.51426479	2.54809972
0	0	0.20165245	0.08565341	0.06323081	0.10052103	0.25703933
0	0	1.00E-04	1.00E-04	0.00838278	0.00275147	1.00E-04
0.028	0.02	1.45681679	1.54267619	1.3192997	1.59275742	1.59284788
0	0	0.11548156	0.32895743	0.14940183	0.17595497	0.04616468
0.012	0.004	0.8326504	0.88558986	1.13882117	0.98765847	0.96533596
0.008	0.008	0.1211977	0.31579891	0.2011462	0.29650747	0.04722741
0	0	1.00E-04	1.00E-04	1.00E-04	0.00247962	1.00E-04
0	0	1.00E-04	0.01082499	0.01511465	0.00997948	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00317797	1.00E-04
0.028	0.016	1.54175448	1.81404564	1.29477197	1.6444911	1.33918004
0.004	0	0.22011347	0.27492445	0.47455924	0.54321488	0.41933886
0.004	0.004	0.13473904	0.18515411	0.43012119	0.36864189	0.10228775
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	1.03695339	1.2384341	0.89792736	0.99282072	0.59979877
0.004	0	0.12971671	0.04890695	0.03747128	0.05437023	0.16628292
0.246	0.16	0.14633396	0.29781181	0.23532325	0.3471181	0.53570988
0.004	0.004	0.26425512	0.23670942	0.51629254	0.40490483	0.40662607
0.008	0.008	0.84103612	0.78339516	0.62797709	0.92385356	0.82339071

0	0	0.07297654	0.09421324	0.06515004	0.06288472	0.19506332
0	0	0.05486202	0.04990988	0.06477704	0.05822126	0.29855329
0.012	0.012	0.21384932	0.37045279	0.81664332	0.72657175	0.42296789
0.04	0.057	0.12216314	0.27484275	0.16611904	0.15851005	0.07290803
0	0	1.00E-04	0.03638788	0.01778932	1.00E-04	1.00E-04
0	0	0.20760505	0.0995159	0.07383485	0.08837576	0.23970279
0	0	1.00E-04	1.00E-04	0.00157444	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00332832	1.00E-04
0	0	1.00E-04	0.0374949	0.0091208	0.00688726	1.00E-04
0	0	0.02234058	0.01755566	0.0138189	0.0168063	1.00E-04
0.004	0.004	0.67842857	0.81467554	0.44429745	0.55210288	0.64450744
0	0	0.03278376	0.00805198	0.00670683	0.01328249	0.08741418
0.04	0.02	3.18611071	3.1121805	4.10535797	4.04366986	3.04057547
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02	0.02	0.425303	0.7965219	1.18950332	1.10446182	0.55228993
0.31	0.32	4.13990833	4.21227345	3.717863	3.96664372	3.91343552
0.127	0.18	3.72464502	4.62316236	4.03679973	4.0393555	3.91516788
0.373	0.303	4.10027353	4.22607954	4.1167307	4.24942057	4.20973273
0.012	0.02	0.79918884	0.49040363	0.38758628	0.6802754	1.468861
0	0	0.03707596	0.08848105	0.02900925	0.05398418	0.1402668
0.012	0.004	0.21093384	0.25011182	0.20534405	0.28423169	0.8192426
0	0	1.00E-04	0.01808638	0.00382877	0.00161726	1.00E-04
0.028	0.041	0.40019621	0.607166	1.1822708	1.02392296	0.99788495
0	0	0.25475878	0.14029745	0.12425496	0.16754861	1.00E-04
0	0	1.00E-04	1.00E-04	0.01406482	0.00709325	1.00E-04
0	0	0.03987622	0.03084033	0.02119324	0.01258395	0.20153544
0	0	1.00E-04	0.0450227	0.02627206	0.05179888	1.00E-04
0	0	1.00E-04	0.00495686	0.02504818	0.01622127	1.00E-04
0	0	1.00E-04	0.02088537	0.00489187	0.01589217	1.00E-04
0	0	1.00E-04	0.01253734	0.00507277	0.0050209	1.00E-04
0.004	0.008	0.04805092	0.15177521	0.04598242	0.10470133	0.13540478
0	0	1.00E-04	1.00E-04	0.00661856	1.00E-04	1.00E-04
0.012	0.012	0.80705163	0.90763082	0.5183389	0.6572685	0.73882814
0.016	0.016	1.2587021	1.41760101	1.83706342	1.49941043	2.00716334
0.004	0	0.99744085	2.04996273	0.47058215	0.84975989	0.90607955
0	0	1.00E-04	0.01953794	1.00E-04	1.00E-04	1.00E-04
0.004	0.008	0.17481745	0.20142044	0.43478921	0.30601894	0.24544151
0	0	1.00E-04	0.01755172	0.00450803	0.02948779	1.00E-04
0.004	0.033	0.5646603	0.67219113	0.44250201	0.62842414	0.98455132
0.004	0.008	0.26068538	0.19619066	0.23358597	0.15806131	0.27485568
0.02	0.029	1.8944343	2.01575646	1.84136721	2.14714262	2.03393429
0.004	0	1.54801748	0.75775639	1.1972741	1.19070825	1.76476991
0	0	0.18451217	0.33632154	0.49079853	0.36199519	0.12312321

0.004	0.004	0.1350289	0.15339137	0.171093	0.13945571	0.04764173
0	0	1.00E-04	0.00410731	0.00176704	1.00E-04	1.00E-04
0	0	1.06535628	0.9249483	0.94149871	1.18702346	1.03363611
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.13197755	0.29113287	0.12557536	0.13507082	0.27605981
0	0	1.00E-04	1.00E-04	0.00210919	0.00103196	1.00E-04
0	0	1.00E-04	1.00E-04	0.0101084	0.01442682	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.05872555	0.06806365	0.13659971	0.09718535	0.12243437
0.004	0.008	0.29009627	0.4500979	0.37686787	0.39070338	0.27227747
0	0	1.00E-04	0.0170892	0.01450551	0.01987427	1.00E-04
0	0	0.19982842	0.40483673	0.01745624	0.0984464	1.00E-04
0.008	0.004	0.03258491	0.07005657	0.05185599	0.1256051	0.09479136
0	0	0.04007462	0.05127433	0.05308043	0.07154197	1.00E-04
0	0	1.00E-04	0.00664831	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00588887	0.01317066	1.00E-04	0.06123773
0	0	1.00E-04	1.00E-04	1.00E-04	0.00162991	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.2958987	0.47688208	0.31881977	0.32636232	0.44305013
0	0	1.00E-04	0.01430784	0.0404387	0.02692588	1.00E-04
0	0	1.00E-04	1.00E-04	0.00259656	1.00E-04	1.00E-04
0	0	1.00E-04	0.03925297	1.00E-04	0.00765071	1.00E-04
0	0.004	0.08675193	0.06443787	0.11925528	0.13367134	1.00E-04
0	0	1.00E-04	0.00344578	1.00E-04	0.00520229	1.00E-04
0	0	1.00E-04	0.00763086	1.00E-04	1.00E-04	1.00E-04
0	0	0.33662505	0.30151248	0.20979373	0.31049412	0.37120989
0	0	1.00E-04	1.00E-04	0.00372897	0.00756444	1.00E-04
0	0	1.00E-04	0.00374884	0.01245837	0.02619549	1.00E-04
0.194	0.189	3.35990026	3.3213312	3.01359244	3.17518386	3.3886603
0	0	0.90624707	0.85224785	0.34276451	0.62109041	0.69581722
0.004	0.004	0.38685609	0.28635637	0.47798929	0.29576967	0.12614321
0	0	0.2126211	0.24686872	0.19666354	0.26377136	0.04503128
0	0	1.00E-04	1.00E-04	0.00557283	0.01232551	1.00E-04
0	0	0.01199267	0.0217436	0.02120379	0.02372992	1.00E-04
0.008	0	0.4187078	0.7967585	0.97501791	0.46310436	0.56729479
0.012	0.004	1.96023781	1.92848954	2.18158802	2.02611214	2.32503819
0.012	0.02	1.46102849	1.60290761	1.63276367	2.07900888	1.77611107
0.008	0.008	0.23276525	0.61629179	0.35823859	0.48455351	0.62934606
0.016	0.02	0.87140897	1.15089058	0.73113098	0.90310447	0.81087872
0	0	1.00E-04	0.03755915	0.01958062	0.04552769	1.00E-04
0.028	0.016	1.22490626	1.30428541	1.15776698	1.21306754	1.29620315
0.008	0.012	1.23512688	1.2111674	1.22506798	1.42412375	1.5505436

0.139	0.152	2.22689332	2.55860668	2.43835033	2.80045537	2.65279964
0	0	0.07289652	1.00E-04	0.00246389	0.00872215	1.00E-04
0	0	0.07959062	0.10233561	0.2432958	0.18494979	0.03022522
0	0.004	0.02746119	0.04526659	0.0643723	0.07881963	1.00E-04
0.008	0.025	0.46386399	0.51320716	0.70980045	0.58277355	0.19972361
0	0	1.00E-04	0.02535949	0.02269698	0.04898178	0.86624613
0	0.004	0.03158631	0.1337873	0.05150455	0.0991296	1.00E-04
0.004	0	2.67190417	2.88077078	2.61363667	2.70102373	2.35969353
0.012	0.012	0.43055382	0.60364179	1.0259995	0.91182683	0.4361966
0	0	1.00E-04	0.1306658	0.01759445	0.04476617	1.00E-04
0	0	0.17193933	0.11963126	0.02002874	0.04735078	0.50213337
0	0	0.05672698	0.21571491	0.12321755	0.1912662	0.09342021
0	0	1.00E-04	0.02564668	0.00846172	1.00E-04	1.00E-04
0.024	0.029	0.37351051	0.63077379	0.51072833	0.53397053	0.43082399
0.012	0.004	1.00E-04	0.0556514	0.08265656	0.05692394	1.00E-04
0	0.004	0.76202957	0.77194214	1.13045575	1.30711244	0.09136135
0	0	0.23347467	0.23563821	0.21122535	0.2992719	0.15624606
0.091	0.094	2.82901328	2.78802114	2.87863014	3.03932728	2.82507979
0	0.004	0.14053618	0.13535149	0.0475813	0.10259448	0.05889102
0	0	0.03173544	0.00503886	0.00964682	0.00527913	0.06400929
0	0	0.02578864	0.04198036	0.08123533	0.15091809	0.02631334
0	0	0.19335069	0.20778783	0.17538817	0.22678873	0.10051157
0	0	1.00E-04	1.00E-04	1.00E-04	0.00236596	1.00E-04
0.083	0.086	1.96189283	2.23094756	2.45455443	2.11993634	1.78263517
0.067	0.029	1.17709515	1.52780131	0.91617573	0.90443248	0.79269094
0	0	1.00E-04	1.00E-04	0.02267568	0.02067481	1.00E-04
0	0	0.03314156	0.05287499	0.02851859	0.02680521	1.00E-04
0	0	1.00E-04	1.00E-04	0.025141	0.00439715	1.00E-04
0	0.004	0.19477856	0.27443937	0.30155575	0.4219881	0.24427758
0.004	0.012	0.19576553	0.24199902	0.28885469	0.47532015	0.26411048
0.02	0.012	0.47763248	0.51336498	0.96653996	0.93070138	0.65469858
0	0.004	0.29402931	0.54767531	0.51148743	0.28236622	0.20569043
0	0	0.04037555	0.01902238	0.09836374	0.10073326	0.07869805
0	0	1.00E-04	1.00E-04	0.00252792	0.01440984	1.00E-04
0	0.008	0.28767051	0.36462985	0.57980869	0.57592822	0.19158568
0	0	0.13181904	0.32394728	0.11085447	0.18042178	1.00E-04
0	0	0.00709521	0.07884103	0.17293192	0.12126508	1.00E-04
0	0	0.05335234	0.11594471	0.10989643	0.12574815	0.1380548
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03261199	0.01397371	0.07122406	0.08129669	1.00E-04
0	0	1.00E-04	1.00E-04	0.00437765	0.01548284	1.00E-04
0	0	1.00E-04	1.00E-04	0.00786704	0.00773367	1.00E-04
0	0	1.00E-04	0.01278334	0.04092639	0.05611686	1.00E-04

0.083	0.115	2.64196304	2.56619211	2.80335612	2.87850724	2.32101517
0	0	0.01680205	0.02829324	0.02037856	0.00849666	0.05667114
0	0.008	0.12703402	0.11215636	0.1905788	0.15382067	0.0410787
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.64641823	0.60972922	0.4055668	0.47472199	0.79910083
0	0	0.32591341	0.37447631	0.20964223	0.40829718	0.1030634
0.008	0.008	1.00E-04	0.00427114	0.00140486	0.01162366	1.00E-04
0.004	0	0.12026365	0.00408849	0.02182451	0.09987998	1.00E-04
0	0.012	0.07594598	0.04652465	0.01228572	0.04188203	0.41692439
0	0.004	0.0256129	0.02202574	0.0188308	0.04105272	1.00E-04
0	0	1.00E-04	1.00E-04	0.00081566	0.0022886	1.00E-04
0.036	0.016	2.30026956	1.73355094	2.55505984	2.54096251	2.36286713
0	0	1.00E-04	0.00816511	0.0445638	0.03561024	0.12285841
0	0	0.02199524	0.15905917	0.18897899	0.18024356	1.00E-04
0.048	0.029	1.67823748	1.84490502	2.12198238	2.11665239	1.72686563
0	0	1.00E-04	1.00E-04	0.00217188	1.00E-04	1.00E-04
0.012	0.012	1.40877233	1.08199324	1.69153159	1.7276625	1.57034314
0	0	1.00E-04	1.00E-04	1.00E-04	0.00423085	1.00E-04
0	0.004	0.02395913	0.11994901	0.26966554	0.1560951	0.52933806
0	0	0.02276911	0.04558666	0.04886531	0.07078402	1.00E-04
0.008	0	3.1281622	2.96688925	2.07726897	2.41152062	1.34602432
0	0	1.00E-04	1.00E-04	1.00E-04	0.00850182	1.00E-04
0.004	0	0.10400468	0.16780656	0.17190351	0.23698393	0.30281053
0.004	0.008	1.00E-04	0.01688066	0.01385455	0.06312292	1.00E-04
0	0	0.25710872	0.17333398	0.30967589	0.20588556	0.50784907
0.008	0	0.0415296	0.06434079	0.07362585	0.01435731	0.06811906
0	0	0.38518206	0.21247555	0.50224284	0.50003981	0.42046967
0.004	0	0.20567161	0.11397805	0.2540726	0.21637045	0.1425553
0.004	0	0.51735621	0.47653198	0.16663266	0.23406795	1.00E-04
0.107	0.045	0.62091801	1.95119044	3.41327322	0.95822743	3.36008512
0.016	0.025	0.52095986	0.65092379	0.42761341	0.28906523	1.05665466
0	0	1.00E-04	1.00E-04	1.00E-04	0.00229936	1.00E-04
0	0	0.02007046	0.06275651	0.01412789	0.07114165	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00128648	1.00E-04
0.087	0.049	1.67181675	1.58208375	2.62029894	2.44095479	2.37594455
0.004	0	0.81620693	0.90819559	0.43706654	0.54186109	1.1796023
0	0	1.00E-04	1.00E-04	0.00973091	0.00396794	1.00E-04
0	0	1.00E-04	0.007545	1.00E-04	0.00360061	1.00E-04
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.00144803	1.00E-04
0	0	1.00E-04	1.00E-04	0.00493845	0.00122916	1.00E-04
0.004	0.004	1.08423075	1.29867969	0.93496166	1.22805862	1.0514605
0	0	0.01534852	0.0933533	0.09321143	0.13042095	0.03864938
0.004	0	0.5427548	0.5810376	0.36057289	0.49812332	0.40644679

0	0	0.3328171	0.34348281	0.21984933	0.24119358	0.57671573
0	0.02	1.17980114	0.92853846	0.86863415	0.9089001	1.01228099
0.004	0	0.02080985	0.04706624	0.14386789	0.08875804	0.18893474
0.008	0	1.07750049	2.58774046	1.49288159	1.72435962	1.20086545
0	0.004	0.25277936	0.31155082	0.26589991	0.29866518	0.17246348
0.091	0.07	3.87127743	2.6731447	2.69229419	3.50077687	4.2455332
0	0	0.08780521	0.01552489	0.03475188	0.05459098	1.00E-04
0	0	0.39401366	0.07224494	0.08339513	0.18308934	0.12231669
0.476	0.451	2.63556104	2.71336894	2.86015576	2.90548913	2.33717865
0	0	0.26466645	0.1145218	0.23183082	0.21988763	0.52622706
0	0	0.04496253	0.03252396	0.09649064	0.13625973	0.03604592
0.139	0.193	3.03203477	3.28329085	3.60499214	3.73894249	3.07388216
0	0	0.03471737	0.0747159	0.0344638	0.06382562	0.46524509
0.032	0.016	1.03250406	1.20271373	1.5333126	1.53771425	0.88059704
0.032	0.053	0.7339699	0.75045732	1.40410021	1.25475071	0.77279643
0	0.004	1.00E-04	0.02059545	0.01733717	0.03618467	1.00E-04
0.095	0.115	2.31591974	2.42342582	2.16030211	2.35251181	2.1935133
0.016	0.004	0.10097901	0.11629764	0.08081674	0.10698173	0.35051863
0	0	1.00E-04	1.00E-04	1.00E-04	0.02792478	1.00E-04
0	0	1.00E-04	0.00997219	0.0057921	0.01227318	1.00E-04
0	0	1.00E-04	0.01241702	0.00439449	0.0083426	1.00E-04
0	0	0.01550195	0.07856996	0.00916539	0.00945261	0.21199571
0	0	0.1345015	0.03871275	0.04830445	0.04509026	0.03504618
0	0	0.00676703	0.04906989	0.05138909	0.03254758	1.00E-04
0	0	0.23497184	0.20177811	0.18731778	0.26514433	1.00E-04
0	0	1.00E-04	0.01955429	0.01952338	0.00169325	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	1.00E-04	0.09054601	0.03408914	0.05360761	0.03537833
0.032	0.012	0.36455373	0.47613469	0.23710097	0.15435803	0.0481989
0	0	0.10997712	0.10330916	0.15207551	0.2096927	0.0819901
0.008	0	2.22178188	2.40697449	1.84124795	1.99182359	1.76698686
0	0.004	0.04087329	0.06986894	0.03968901	0.10011017	0.16279784
0	0	0.02082847	0.11852189	0.04894175	0.06027438	0.36665167
0.02	0.008	1.4826067	1.2974553	1.76771842	1.85612775	1.45183835
0	0	1.00E-04	0.01887746	0.02447619	0.01350991	1.00E-04
0	0	1.00E-04	1.00E-04	0.00723719	0.00481909	1.00E-04
0.02	0.004	1.00E-04	0.16407776	0.46616632	0.06836358	1.00E-04
0	0	1.00E-04	0.00362598	1.00E-04	1.00E-04	1.00E-04
0.048	0.066	2.3592376	2.21195569	2.70310613	2.64906549	2.4581648
0.004	0.004	0.3119159	0.43480632	0.27591165	0.25016964	0.49219177
0	0	1.00E-04	1.00E-04	0.01203626	0.02859753	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.00283505	0.00369062	1.00E-04
0	0	0.12157641	0.13674971	0.03382639	0.02116525	1.00E-04

0	0	0.22400133	0.29618195	0.4254254	0.43530567	0.17782905
0	0	1.00E-04	0.04172457	0.01371821	0.01999658	1.00E-04
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.00180377	1.00E-04
0.008	0	0.60813987	0.65014396	0.48266109	0.64007318	0.84441554
0.044	0.029	1.47610817	1.52060119	2.09516334	2.04500267	1.79533033
0.008	0.02	1.03220687	0.86332729	1.31206414	1.32230502	0.98718409
0.04	0.086	1.64546119	1.47926485	2.47679199	2.13298529	2.24001241
0.02	0.016	0.47272437	0.65180441	0.60653046	0.56270188	0.61216513
0	0	1.00E-04	1.00E-04	1.00E-04	0.0038401	1.00E-04
0	0	0.10560157	0.22061559	0.09590292	0.0901825	0.13597246
0.012	0.004	0.13570964	0.28021985	0.14771898	0.28822812	0.13188575
0	0	0.01957806	1.00E-04	0.00121891	0.02043623	1.00E-04
0	0.004	0.24552189	0.10296201	0.05719613	0.07875263	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02508744	0.04129878	0.01977661	0.05983777	1.00E-04
0	0	1.00E-04	0.01000628	0.00977002	0.00544191	1.00E-04
0	0	0.10876475	0.29792702	0.08684964	0.14754952	1.00E-04
0	0	1.00E-04	0.00387821	1.00E-04	0.01879071	1.00E-04
0	0	1.00E-04	1.00E-04	0.00182829	1.00E-04	1.00E-04
0.012	0.008	0.21191514	0.1477468	0.21537483	0.32700457	1.18540556
0	0	1.00E-04	1.00E-04	1.00E-04	0.00202795	1.00E-04
0	0	1.00E-04	1.00E-04	0.00246452	0.00749539	1.00E-04
0	0	1.00E-04	1.00E-04	0.00442574	1.00E-04	1.00E-04
0.012	0.004	1.99521144	1.9675305	2.16151092	2.48489795	0.91817516
0	0	1.00E-04	0.0156068	1.00E-04	1.00E-04	1.00E-04
0	0	0.08076242	0.10120552	0.08920433	0.09828145	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.0580784	0.18272502	0.16810212	0.23282684	0.41975645
0	0	1.00E-04	1.00E-04	0.00722079	1.00E-04	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.00390115	0.00695094	1.00E-04
0.012	0.02	1.05781027	1.02236118	1.39756063	1.57301003	1.6217341
0	0	0.06586884	0.16939833	0.06992288	0.13631968	0.10193277
0	0	1.00E-04	0.02868403	0.01119064	0.01897002	1.00E-04
0	0	0.18856359	0.09990429	0.25017369	0.2351303	1.00E-04
0.004	0.008	1.19423564	1.26104163	1.26838175	1.31354996	1.51721012
0	0	1.00E-04	1.00E-04	0.00411808	0.01258904	1.00E-04
0	0	0.05596648	0.07475572	0.03354762	0.03413104	0.10912775
0	0	0.05671856	0.07376266	0.05091841	0.04994935	0.04503128
0.032	0.033	1.52077961	1.82885572	2.2670222	1.85598364	1.9988187
0.008	0.012	1.83277722	1.97281671	1.93759639	2.19522258	0.79640339
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01345784	0.01765546	1.00E-04
0	0	1.00E-04	0.02113189	0.07624526	0.07570982	1.00E-04

0	0	1.00E-04	0.01851627	1.00E-04	0.00294224	1.00E-04
0	0	1.00E-04	0.00667987	0.02245643	0.0229247	1.00E-04
0	0	0.28108942	0.40949215	0.18309583	0.26161687	0.08492848
0.012	0.016	0.71022859	1.25372907	0.6478628	0.77737155	1.24836056
0.032	0.016	0.83799066	1.29538964	0.96590163	1.17617799	1.45540977
0	0	2.11348603	2.17515379	1.97709891	1.96090243	2.38036589
0.004	0	0.58915844	1.14885681	1.5484564	1.07381487	1.40057348
0	0	0.01347809	0.00506286	0.00095377	0.00448171	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.05326148	0.07479713	0.05376096	1.00E-04
0	0.004	0.40734772	0.56692962	0.2912188	0.41796785	0.1139026
0.004	0	3.04703292	3.7135804	2.48415719	2.64799338	2.94933713
0	0	0.03389134	0.03785004	0.03890156	0.05866607	1.00E-04
0	0	0.0216594	0.01281503	0.00704317	0.02257526	1.00E-04
0	0.004	2.2091228	2.45580972	1.9330217	2.04134198	2.1941773
0	0	0.28529182	0.37795838	0.64560189	0.18685924	0.5532547
0	0	0.21553441	0.31659768	0.24109014	0.26554238	0.40986384
0.036	0.02	1.47112524	1.58089485	1.51034371	1.7394315	1.53343303
0	0	1.00E-04	1.00E-04	0.02248904	0.0158002	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.028	0.016	0.16803666	0.23650561	0.18976598	0.19212703	2.04339431
0	0.004	0.00922963	0.03458112	0.00508961	0.00983386	1.00E-04
0.008	0	1.38577473	2.26607311	1.13924656	1.10623177	1.42606683
0.004	0.029	0.46998217	0.72492045	0.95907878	1.08315857	0.4602773
0.008	0	0.02479446	0.21293344	0.23714209	0.22389138	1.00E-04
0.048	0.074	2.51274466	2.94645697	2.15572771	2.48162834	2.39445994
0	0	1.00E-04	0.02731447	0.04170064	0.03393738	1.00E-04
0	0	0.25519973	0.22779017	0.46548495	0.62098311	0.24419291
0.008	0.008	1.27545842	1.49238728	1.60221198	1.71369681	1.94788226
0	0	0.45587464	0.43382331	0.45651246	0.54899203	0.44616764
0	0	0.04463704	0.05548269	0.0511251	0.02141631	0.04371219
0.004	0	0.31783662	0.21139105	0.25117269	0.25559057	0.12830045
0	0	1.00E-04	1.00E-04	0.00408474	0.0023402	1.00E-04
0	0.008	0.08844252	0.1990887	0.18914334	0.24894095	0.13341428
0	0	1.00E-04	1.00E-04	1.00E-04	0.00678814	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00229554	1.00E-04
0.028	0.037	2.86102306	2.93688038	2.28650565	2.69410672	2.32942729
0	0	0.29200034	0.49886877	0.12584977	0.19012298	0.0758048
0	0	1.00E-04	1.00E-04	0.0241489	0.02154269	1.00E-04
0	0	0.27371298	0.6703229	0.58150941	0.58929417	0.48253389
0	0	0.32241395	0.50190087	0.15623801	0.19038096	0.33038461

0.321	0.176	0.54195638	1.38601988	0.91664765	0.91704969	1.11087311
0	0	0.04693572	0.00481927	0.01157616	0.01907495	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00469749	1.00E-04
0.004	0	1.00E-04	0.13238058	0.07528961	0.135819	1.00E-04
0.032	0.049	2.05465942	2.50429198	2.63788696	2.38824417	2.16831773
0.02	0.004	2.16285152	2.52384954	3.11579589	2.09198762	2.2622819
0.004	0	0.13931929	0.09864073	0.13721149	0.15012448	0.05764793
0	0	0.12360586	0.18576924	0.09412969	0.09148089	0.14357261
0	0	0.02000765	0.01130457	1.00E-04	1.00E-04	1.00E-04
0.028	0.025	0.85517045	1.02319836	0.95061785	1.03482333	1.37088004
0.032	0.041	2.01986448	2.34610386	2.46441947	2.39097335	2.1003602
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0.02	0.8565782	0.85066035	1.67060907	1.55269545	2.21306816
0	0	1.00E-04	1.00E-04	0.03782322	0.0355922	1.00E-04
0	0	1.00E-04	1.00E-04	0.00264585	1.00E-04	1.00E-04
0	0	0.42994283	0.4655925	0.27492674	0.40717419	0.53481828
0	0	1.00E-04	1.00E-04	1.00E-04	0.00235364	1.00E-04
0.004	0	0.04660727	0.02896139	0.08953328	0.07789787	1.00E-04
0	0	0.05893164	0.13911761	0.12292902	0.07973524	1.00E-04
0	0	1.00E-04	0.00857164	0.00257427	1.00E-04	1.00E-04
0	0	0.24779578	0.24133806	0.17865019	0.21253594	1.00E-04
0	0	0.08981154	0.05782948	0.06433445	0.0733256	1.00E-04
0	0	1.00E-04	0.00303734	0.00909366	0.01868286	1.00E-04
0	0	0.18355031	0.24291039	0.30923035	0.27967347	0.48299764
0	0	0.01806217	0.01775849	0.01600809	0.02377892	0.33893675
0	0	1.00E-04	0.01467757	0.01866285	0.00228244	1.00E-04
0.016	0.02	0.38582313	0.65054318	0.22251501	0.32730251	0.60211956
0.012	0.012	0.20889786	0.2075695	0.53478652	0.48628685	0.31407338
0	0	1.00E-04	0.03120367	0.03479675	0.02822574	1.00E-04
0.008	0.016	0.83403173	0.75427665	0.48194953	0.61580793	0.78854246
0	0	1.00E-04	0.01085838	0.00145859	0.0026076	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.04650523	0.03653589	0.05927735	0.02378891	0.1369875
0	0	1.00E-04	1.00E-04	0.00334139	1.00E-04	1.00E-04
0	0.008	1.00E-04	0.04252583	0.01062646	0.03135274	0.14955208
0.012	0.004	1.41274603	1.39892106	1.51723326	1.70421602	1.45771568
0	0	1.00E-04	0.03949404	0.02073672	0.02390552	1.00E-04
0	0	1.00E-04	0.03335788	0.0205196	0.01303901	1.00E-04
0	0.008	0.15351381	0.16554089	0.1862729	0.17979623	0.14012556
0	0	1.00E-04	1.00E-04	1.00E-04	0.00176887	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01013933	1.00E-04
0	0	0.05510037	0.02062368	0.02603042	0.03931982	1.00E-04
0.008	0.004	0.32247295	0.98735941	0.33480791	0.47183011	0.21224444

0	0	0.00898213	0.04234625	0.0126038	0.04124361	0.15927074
0	0	1.00E-04	1.00E-04	1.00E-04	0.0012047	1.00E-04
0	0.004	0.00882402	0.04804966	0.08073163	0.14641998	0.09394138
0.004	0	1.00E-04	0.00533027	0.02145608	0.0315702	1.00E-04
0	0.004	0.41460711	0.44129525	0.23924111	0.32448345	0.72522025
0	0	1.00E-04	0.01383709	0.00406996	0.0035188	1.00E-04
0	0	1.00E-04	0.00479808	1.00E-04	0.00155113	1.00E-04
0	0	1.00E-04	1.00E-04	0.0086056	0.00318018	1.00E-04
0	0	0.27778092	0.30670767	0.27323689	0.36384888	0.44278659
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.028	0.012	2.12846339	2.22987181	1.70398085	2.08168628	2.01411019
0	0	0.72052103	0.7316344	1.08369661	1.07471591	0.78398532
0	0	0.61558356	0.72886473	1.47767477	1.5166918	0.16996109
0.004	0	0.37200567	0.26461124	0.54914053	0.52322501	0.64442326
0	0	0.02380739	0.03007835	0.00716719	0.02197637	1.00E-04
0	0	0.07431713	0.05130374	0.05733499	0.05156796	0.06723254
0	0	1.00E-04	0.03204502	0.00506872	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.016	0.008	1.01675922	1.03272852	0.92230092	0.95463825	0.87305069
0	0	1.00E-04	0.00400683	1.00E-04	0.00379878	1.00E-04
0.024	0.029	2.00957769	1.89674666	1.723019	2.10901088	1.73109815
0	0	0.0619728	0.04294941	0.04566945	0.03273323	1.00E-04
0.004	0.016	0.79306128	0.64013886	0.57392843	0.92686996	0.80741258
0.04	0.037	1.68059793	1.44767561	1.47305685	1.61691095	1.28393188
0.016	0.016	0.69999537	0.60456003	0.65048113	0.80239956	0.27119812
0	0	0.02026848	0.08766785	0.17382579	0.21993302	1.00E-04
0	0	0.01249129	0.02226633	0.0061435	0.03016794	0.31819013
0	0	0.50742331	0.65251808	0.40300635	0.63006125	0.64109921
0.004	0.004	0.5447215	0.49278776	0.19384005	0.32380853	0.69504393
0	0	1.00E-04	1.00E-04	0.00914065	0.00369516	1.00E-04
0.008	0.004	0.44100218	2.26590178	0.8390674	1.18155154	0.7752453
0	0	0.03327775	1.00E-04	0.03631073	0.02208744	1.00E-04
0.004	0	0.56145005	0.71605435	0.37496415	0.48733462	0.40230287
0	0	1.00E-04	0.01050795	0.01968873	0.01701062	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00088091	1.00E-04
0.067	0.041	4.43547468	4.78709862	5.33159567	5.10244058	4.05379573
0.008	0.004	1.52796142	1.41369506	1.39837897	1.6550629	1.48134469
0	0	0.01440453	0.0050414	0.00792124	0.03307897	1.00E-04
0.004	0.004	0.02221461	0.0329485	0.01070225	0.03899196	0.21060583
0	0	0.15371558	0.15706637	0.02134993	0.0187152	1.00E-04
0	0.008	2.62245127	2.99457824	2.56370916	2.71949373	1.92550016
0	0	0.03052372	0.01774423	0.03651966	0.08233895	1.00E-04
0	0	1.00E-04	0.00720701	1.00E-04	1.00E-04	1.00E-04

0.016	0.008	0.36952626	0.54740888	0.44741904	0.52932777	0.57235752
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.13602728	0.03997704	0.1415356	0.18759475	0.06977375
0	0	0.49387418	0.41129709	0.08077344	0.2986053	0.22062638
0	0	0.19813034	0.05995729	0.01420836	0.0361043	0.04625257
0	0	0.07677764	0.07441475	1.00E-04	0.07000553	0.04632219
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.067	0.102	2.87886287	2.88407565	3.21155713	3.26132812	2.6645536
0.044	0.033	2.25629858	2.48955331	2.50430465	2.53929262	2.29398141
0	0	0.17094418	0.30744961	0.10697739	0.10395982	0.06224252
0	0	1.00E-04	1.00E-04	1.00E-04	0.0082331	1.00E-04
0.004	0.008	2.47913488	2.23250245	2.64603052	2.26043567	2.32257934
0	0	0.18278326	0.1298741	0.14838324	0.11837026	0.12522675
0	0	0.02666233	0.01100348	1.00E-04	1.00E-04	1.00E-04
0.008	0.008	0.91477856	0.98638146	0.8852161	0.99475958	1.45295793
0	0	0.17499554	0.18373795	0.19824768	0.26233483	0.10602517
0	0	0.1022389	0.14393192	0.14949314	0.26657878	1.00E-04
0.016	0.008	1.06221173	0.86875648	1.28585383	1.28631704	1.40185717
0	0	1.00E-04	0.00843151	1.00E-04	0.0074483	1.00E-04
0	0.012	0.01897128	0.09441611	0.04414143	0.05238468	0.09685722
0	0	0.02023629	0.06654979	0.06018178	0.08119433	0.03010564
0	0	0.02401915	0.06127579	0.06967183	0.0959366	1.00E-04
0	0	1.00E-04	0.00936902	0.00986737	0.02359225	1.00E-04
0	0	0.11084299	0.13996001	0.13095227	0.16960309	0.28081027
0.016	0.02	1.36173585	1.97763044	1.71363484	2.11852654	3.25931884
0.016	0.012	0.98311289	1.09242175	1.21383812	1.56241642	1.18999842
0	0.004	1.71298693	1.78837853	1.84414119	1.76970639	1.36793176
0.004	0	0.58879403	0.87113872	0.48971878	0.60302109	0.13660673
0	0.004	0.95563929	1.51865022	0.68118022	0.89541121	0.36601098
0.008	0.004	0.1879858	0.22079755	0.36183173	0.22374115	0.33995056
0	0	0.36189255	0.34023089	0.42331431	0.52768382	0.57752993
0	0	1.00E-04	0.04507656	0.11214858	0.04071829	1.00E-04
0	0.004	0.28201098	0.40814909	0.17258754	0.29545569	0.35088562
0	0	0.26914362	0.35639641	0.21785271	0.30228184	0.34560308
0	0	0.54438909	0.46468508	0.44095205	0.51045335	0.54176798
0.036	0.029	1.16891936	1.59757719	2.04662572	2.08683277	1.37230127
0	0	1.00E-04	0.01617914	0.01399386	0.00408073	1.00E-04
0	0	1.00E-04	0.0524494	0.00614296	0.00241455	0.0501214
0.008	0.004	1.00E-04	0.00923573	0.02383912	0.00469438	1.00E-04
0.024	0.025	2.18171009	2.31598503	2.25709342	2.42467853	2.44532974
0	0	1.00E-04	0.04321961	0.01487152	0.01211556	1.00E-04
0.004	0.012	1.18301788	1.26222051	0.88476481	1.07718628	1.01361033

0	0	0.01310112	0.12569302	0.04869817	0.12652515	1.00E-04
0	0.004	1.11692202	1.61733773	1.12605096	1.60746138	1.12418918
0	0	0.06525968	0.05798538	0.05129812	0.04233075	0.14686251
0	0	0.39636999	0.40417885	0.33680286	0.37077409	0.64871701
0.004	0	0.03638447	0.28466969	0.11111522	0.09593272	0.07424525
0.028	0.029	1.14753453	1.33345446	1.53332254	1.55874887	1.65078072
0	0	0.60787736	0.24419518	0.73202853	0.6708364	0.18003171
0.008	0.008	0.82404233	1.02476902	1.48964881	1.08957843	1.18184239
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0.004	1.37300168	1.50112671	1.88414537	1.76013886	1.32418573
0	0	0.41241582	0.14444874	0.16180534	0.19482194	0.27602844
0.004	0	0.33964451	0.33810936	0.18344233	0.35160095	0.08640523
0.004	0.004	0.13271883	0.11644486	0.10065014	0.12458093	1.00E-04
0	0	1.00E-04	0.00914374	0.00269046	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.02169134	0.01173808	1.00E-04
0.016	0.02	0.83333701	0.7735225	0.68627931	0.82217995	1.9612079
0	0	0.07364016	0.05900782	0.01836062	0.05025747	1.00E-04
0.004	0.004	0.21305722	0.26421413	0.05755749	0.13862344	0.06430658
0.008	0.008	0.15615185	0.16221121	0.09202419	0.14040748	0.28246174
0	0	0.08099622	0.07078502	0.0482913	0.046482	0.05387945
0.23	0.246	3.94579623	4.21637137	3.53803461	3.80420814	4.05546637
0	0	1.00E-04	0.00667228	0.02037366	0.05963532	1.00E-04
0.004	0	1.00E-04	0.05004846	0.01664648	0.01592947	1.00E-04
0	0	1.2236011	1.59195559	1.17281126	1.5255047	1.48293046
0.071	0.049	1.21458584	1.48289248	1.52866047	1.82261918	1.53053317
0.008	0.012	0.9191909	1.01169111	1.61716517	1.59650567	1.08420233
0.004	0.004	0.60445942	0.5626704	0.59638367	0.65103948	0.79247558
0.008	0	0.63642572	0.52876047	0.53661439	0.88727163	0.85154103
0	0	0.01096302	1.00E-04	0.02411664	0.01292721	1.00E-04
0	0	0.03190821	0.00828724	1.00E-04	0.02137237	0.06018891
0	0	1.00E-04	0.00520232	1.00E-04	0.00341783	1.00E-04
0	0	1.00E-04	0.00687665	1.00E-04	0.00251168	1.00E-04
0	0	1.00E-04	0.00333802	0.00452567	0.00313208	1.00E-04
0	0	0.31648252	0.26403228	0.09539893	0.06121877	0.77843475
0.008	0.004	1.32879514	1.5818123	1.33481733	1.5900489	1.29794448
0	0	1.00E-04	1.00E-04	0.00938671	1.00E-04	1.00E-04
0	0	0.09724615	0.16228525	0.29674823	0.29783665	0.10850114
0	0	0.00651468	1.00E-04	0.00727514	0.00380808	0.05234972
0	0	0.01446629	0.03452134	0.03408239	0.01383927	1.00E-04
0	0	0.04281984	0.03798457	0.00662905	0.03441452	1.00E-04
0.008	0.004	0.00899055	0.02477013	0.00569907	0.01289909	1.00E-04
0.032	0.029	0.83072671	1.157365	0.92981179	1.12808318	0.91624927
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.01717922	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.032	0.029	1.51138123	1.52556601	1.46465212	1.62463773	1.72502674
0.032	0.045	0.16903802	0.20056073	0.22524508	0.24297853	1.11115744
0.02	0.033	0.38528772	0.33637062	0.40420369	0.49086383	0.30437267
0.012	0.016	0.21450103	0.18393505	0.45437613	0.37251899	0.54240034
0.044	0.049	1.00E-04	0.00289243	0.00188032	0.00529189	0.38095939
0	0.004	0.11281965	0.0919452	0.11118183	0.16205617	1.6554562
0	0	0.14805075	0.11388044	0.07393932	0.18947154	0.36753607
0	0	0.64474048	0.21728205	0.10366566	0.23410057	1.00E-04
0.119	0.131	3.40319424	3.61110568	2.96808439	3.25272823	3.22074036
0	0	0.0102579	1.00E-04	0.0097823	0.04194196	1.00E-04
0	0	1.00E-04	1.00E-04	0.00224631	1.00E-04	1.00E-04
0	0	1.00E-04	0.03888329	1.00E-04	0.0136959	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0.012	0.75853638	0.88867222	1.01468615	1.32265798	0.91704444
0	0	1.00E-04	0.01900526	0.03279061	0.01304308	1.00E-04
0	0	1.00E-04	0.01316739	0.02665653	0.03838954	1.00E-04
0	0	1.00E-04	1.00E-04	0.00853677	1.00E-04	1.00E-04
0.016	0.004	0.39238973	0.64002645	0.75337546	0.73420854	0.59818987
0.095	0.066	3.7651421	3.90135567	4.11082779	4.03641923	4.22478735
0.008	0	0.31822923	0.41283434	0.4498029	0.61687119	0.4703282
0	0	0.01832543	0.11601678	0.1343039	0.21051404	1.00E-04
0.004	0.008	0.30594849	0.34659276	0.5139293	0.57036289	0.26613597
0.008	0.008	1.15612879	1.13148056	1.16951317	1.36138167	0.32717096
0	0	1.00E-04	0.00563575	0.02085232	0.02523085	1.00E-04
0.032	0.061	1.11602812	1.00499724	1.74640557	1.59298368	1.58327544
0	0	1.00E-04	0.02150551	0.01911704	0.03014088	1.00E-04
0	0	1.00E-04	1.00E-04	0.00466847	0.00176351	1.00E-04
0	0	1.00E-04	1.00E-04	0.00971304	0.00118333	1.00E-04
0	0	0.12023547	0.03505003	0.11163841	0.02325637	1.00E-04
0	0	0.03489515	0.02982739	0.03731042	0.02731513	1.00E-04
0	0	0.0551751	0.08293899	0.05102747	0.07794516	0.29146968
0	0	1.00E-04	0.11520593	1.00E-04	0.03071926	1.00E-04
0	0	0.27015998	0.3895913	0.16465718	0.09905852	0.17320512
0.008	0.004	1.10806303	1.03110077	1.10778986	1.23064935	1.23501104
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.05288296	0.05150888	0.05970697	0.04398427	0.13206869
0	0	0.16182787	0.24551267	0.09886703	0.13968731	0.08427846
0.004	0	0.65073128	0.69147778	0.43841398	0.62244811	0.55209261
0.008	0.008	1.60342017	1.77753775	1.78741681	1.98823826	1.61907207
0	0	1.00E-04	0.03083612	0.01405134	0.03046308	1.00E-04
0.032	0.02	0.56349186	0.43222753	0.96515809	0.89096619	1.07054911
0.651	0.611	7.08032892	6.93740451	7.07600984	6.93192955	7.14092838

0	0	1.00E-04	0.0427859	0.03402023	0.04464833	0.32700947
0.016	0	0.57457005	0.48967766	0.95055176	0.96592678	0.78270778
0	0	0.26514029	0.39522362	0.28196517	0.2830247	0.07290752
0	0	0.75879758	0.67010332	0.68382988	0.84301578	0.69220927
0	0	0.02551223	0.06050357	0.02727447	0.04470475	1.00E-04
0	0	0.04609558	0.0591572	0.02754651	0.16107332	0.13046162
0.02	0.004	1.23205957	1.1803045	1.82926395	1.54236113	1.23201508
0	0	0.08696945	0.09886489	0.10405439	0.08716296	0.19575165
0	0.004	0.08929235	0.06726967	0.10382259	0.11028118	0.08287728
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.076679	0.08086927	0.04211145	0.08496637	0.16432713
0.004	0	0.75978182	1.43512862	1.84811102	1.16696078	0.71399817
0	0	0.08116118	0.05067682	0.07672249	0.09677643	1.00E-04
0	0	0.62096046	0.84177049	0.77449404	0.85449643	0.99698326
0.004	0.004	0.69401351	0.87201788	0.9565797	1.06515597	0.87620669
0	0	1.00E-04	1.00E-04	0.01503759	0.00190007	1.00E-04
0.063	0.074	2.7075194	3.17520115	2.51690325	2.61465334	2.45462396
0	0	0.17306118	0.19614987	0.06526273	0.10454367	0.14008207
0.008	0.008	1.95668866	1.26072188	2.95050677	2.5237523	1.26672641
0	0	0.04171789	0.02421555	0.04268044	0.02912071	0.02869053
0.004	0.008	0.43032333	0.36486824	0.60838511	0.80676033	0.3836309
0	0	1.00E-04	1.00E-04	0.00407689	0.00275052	1.00E-04
0	0	0.08156124	0.16840332	0.18586739	0.26530948	1.00E-04
0	0	0.04192526	0.00376978	0.00882233	0.00785154	1.00E-04
0.004	0.004	0.18425863	0.24857651	0.2260189	0.23430713	0.63079739
0	0	0.0235962	0.03705767	0.01855606	0.05936748	1.00E-04
0	0	0.10429313	0.10684945	0.0948467	0.09296858	0.09892069
0	0	1.00E-04	1.00E-04	1.00E-04	0.00145465	1.00E-04
0.004	0	0.06356648	0.05918426	0.05694187	0.11487666	0.05255237
0	0	1.00E-04	0.00808977	1.00E-04	0.0040262	1.00E-04
0	0	1.00E-04	0.01928744	0.01895995	0.034698	1.00E-04
0	0	0.29879778	0.32573054	0.45733629	0.51212604	0.54227277
0	0	0.02851992	0.01358468	0.0236346	0.06030305	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00207129	1.00E-04
0	0	1.00E-04	0.00849039	1.00E-04	1.00E-04	1.00E-04
0	0	0.07496572	0.28291801	0.12791285	0.33422944	0.20320167
0.012	0.008	0.50750889	1.12620686	0.64844539	0.91946859	0.82187987
0	0	1.00E-04	1.00E-04	0.01033693	1.00E-04	1.00E-04
0.036	0.061	1.28308309	1.6478096	1.18874731	1.61715113	1.26847987
0.004	0	1.00E-04	0.01726116	0.02416396	0.03767929	1.00E-04
0.004	0.004	0.07841607	0.21820824	0.15987704	0.18873539	0.11123326
0	0	1.00E-04	0.0194007	0.032922	0.01913512	1.00E-04
0.004	0	0.13316616	0.62843007	0.80520949	0.13811415	0.10762039

0.028	0.029	1.84970313	1.64406827	2.96943521	2.7391107	3.22284982
0	0	0.06635411	0.16357272	0.08281561	0.06724357	0.04594565
0	0	0.01934901	0.01118325	0.01448906	0.04552039	1.00E-04
0	0	0.07981954	0.02841213	0.0465627	0.04850931	1.00E-04
0.008	0.004	1.51513102	1.58276513	1.19430198	1.26387269	1.72967031
0.004	0.008	0.27562828	0.41510993	0.1877451	0.28546944	0.557628
0	0	1.00E-04	0.01189906	1.00E-04	0.00216261	1.00E-04
0	0	1.00E-04	1.00E-04	0.00630287	1.00E-04	1.00E-04
0	0	1.00E-04	0.01521176	0.01230103	0.00210941	1.00E-04
0	0	1.00E-04	0.01687108	0.03772245	0.01290039	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01167751	1.00E-04
0.016	0.016	0.61055005	1.10129183	0.6834566	0.91075247	0.59657347
0	0	0.0872329	0.17770233	0.17220442	0.16964218	1.00E-04
0.004	0.008	0.04285074	0.17083644	0.06000427	0.10663645	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.01941245	0.01943233	1.00E-04
0.024	0.037	4.63270064	4.51230551	4.32732236	4.52006538	3.81185489
0.063	0.07	5.12737162	4.88282489	4.70276321	4.96770731	4.39988918
0	0	1.00E-04	1.00E-04	0.00572735	1.00E-04	1.00E-04
0	0	0.30656019	0.43710512	0.25563786	0.27349329	0.30270137
0.012	0.029	1.17723126	1.149082	1.58244977	1.4490495	1.35414977
0	0.004	1.25369333	1.15449301	1.26807609	1.70828489	0.09465181
0	0	1.00E-04	0.00805929	1.00E-04	1.00E-04	1.00E-04
0	0	0.12036465	0.05092031	0.06538675	0.06483192	1.00E-04
0	0	0.44789067	0.43623056	0.44367846	0.3461174	0.42519509
0	0	0.10367969	0.17660819	0.18807518	0.1451573	0.31664794
0	0	1.00E-04	0.00479509	1.00E-04	0.01767198	1.00E-04
0.004	0.004	0.87236892	2.31989546	0.81966241	1.18852054	1.01343652
0	0	0.27285876	0.47003406	0.51394061	0.53677326	1.00E-04
0.183	0.193	3.84569515	5.25845394	3.32437642	3.96089283	3.8108341
0	0	1.00E-04	1.00E-04	0.00573986	0.01969734	1.00E-04
0	0	1.00E-04	0.00597659	0.0044459	1.00E-04	1.00E-04
0	0	0.58939209	0.69144333	0.39409725	0.33431032	1.00E-04
0	0.004	0.46492874	0.30398996	0.44613983	0.5426964	0.70382201
0.008	0.012	1.53602305	1.54581074	1.71041554	1.88269871	1.67674804
0.024	0.029	2.14322857	1.91948703	2.14264908	2.18714735	2.17124972
0	0	1.00E-04	0.02041563	0.00586583	0.00550898	1.00E-04
0	0	1.00E-04	0.01660001	0.00199095	0.00589168	1.00E-04
0	0	0.26772848	0.06830339	0.08149202	0.10262392	1.00E-04
0	0	1.00E-04	1.00E-04	0.00206755	1.00E-04	1.00E-04
0.139	0.168	2.94128029	3.16412668	2.75263739	2.91236688	2.95178386
0.004	0	0.61688051	0.94980117	1.00611665	1.11842832	0.59897545
0.016	0	1.1383396	1.24394083	0.62848357	0.74558623	0.88280359
0	0	1.00E-04	0.02840518	0.00771593	0.00117024	1.00E-04

0.004	0.012	1.0684471	1.33486133	0.83601094	1.07031742	2.22558258
0	0	0.19266138	0.45888307	0.28974582	0.26997021	1.0902983
0.012	0.033	0.95684924	1.02769358	1.24992378	1.2779593	0.90407405
0.004	0.02	0.79757729	0.73668921	1.15374643	1.06277488	1.0822654
0.135	0.061	2.41851886	2.76942671	2.47352307	2.81824263	2.88882474
0	0	0.04319217	0.05607877	0.18147237	0.11842374	0.27908104
0	0	0.42468938	0.35139026	0.3563596	0.41687426	0.36336963
0	0	1.00E-04	1.00E-04	1.00E-04	0.00173126	1.00E-04
0	0	0.11437889	0.02914706	0.05015557	0.05709786	0.30710861
0	0	0.11193562	0.19434625	0.19469526	0.23143429	0.48234597
0	0	1.00E-04	0.0328118	0.0545493	0.08445827	1.00E-04
0.004	0	0.07058027	0.20675256	0.09446715	0.20963034	0.20396606
0	0.012	1.15437713	1.25429947	0.92790913	1.16226458	0.72161812
0	0	0.183963	0.23158732	0.12870297	0.14463739	0.08058555
0.06	0.025	3.75853709	4.7708442	3.75397705	3.67782285	3.45279675
0	0	0.16631051	0.15740389	0.10505553	0.17637694	0.24380282
0	0	0.21214193	0.1832112	0.40554933	0.38405932	0.31149715
0	0	0.01358612	0.09532626	0.00817697	0.00649759	1.00E-04
0.004	0.004	0.73814947	1.45765657	0.59012797	0.64341188	0.25397125
0.004	0	1.73344771	1.71809815	1.39775379	1.17905646	0.21739586
0.004	0.004	0.02168558	0.02631704	0.03553081	0.03904349	1.00E-04
0	0	0.09675367	0.0878108	0.12796358	0.10751735	0.15382163
0.008	0.008	0.79845361	0.69007615	0.59884312	0.7070044	0.92256862
0.036	0.045	1.85022127	2.40026318	1.75242133	1.97039688	2.01974343
0.012	0	2.19234115	2.25579564	2.1452024	1.86995938	1.83199687
0	0	0.29183272	0.06791744	0.32478699	0.29599407	1.00E-04
0	0	0.0387392	1.00E-04	0.01181031	0.01976311	1.00E-04
0	0	0.04952643	0.03613043	0.05442034	0.07846467	1.00E-04
0.004	0	1.16206376	1.79921355	1.16189587	1.2600704	1.02446737
0	0	0.23542246	0.09501281	0.11736878	0.20427248	1.00E-04
0.004	0	0.45838189	0.57364519	0.37255225	0.46252164	0.260742
0	0	1.00E-04	0.02698488	0.01257602	0.01180898	1.00E-04
0	0	1.00E-04	0.07809716	1.00E-04	0.0014682	1.00E-04
0.008	0.016	0.63079591	0.47495151	0.41405367	0.81356934	0.81692395
0.016	0.004	1.17118477	1.40498421	1.83996896	1.79559017	1.78956531
0	0.004	0.63029808	0.56745736	0.35918732	0.41552926	0.13688739
0.012	0.025	1.58477195	1.71695535	1.1145455	1.30152342	1.2579407
0.004	0.008	0.51048083	0.7227948	0.57022914	0.86327454	0.15929344
0	0.004	1.77483402	1.18389312	1.91987775	1.77592274	1.25108442
0	0	0.11997456	0.00802047	0.00495335	0.00913157	1.00E-04
0	0	0.13281491	0.15694029	0.09943282	0.09401905	0.37173629
0	0	0.26519279	0.18915744	0.09034379	0.13016718	1.00E-04
0.004	0.008	0.03522389	0.03286029	0.05326428	0.12070295	1.00E-04

0	0.004	0.02714844	0.00775647	0.03382213	0.03742092	0.05889102
0	0	1.00E-04	0.03670333	0.01006505	0.02721299	1.00E-04
0.008	0	1.30409139	1.34627382	0.95468951	1.30431464	1.28714849
0.008	0.02	0.75668905	1.16472557	0.53887525	0.58254281	0.75281342
0	0	0.13872231	0.31258704	0.0605791	0.05638314	0.74063077
0	0	1.00E-04	0.03052802	1.00E-04	0.00193443	1.00E-04
0.004	0.008	0.38859389	0.52648333	0.40537819	0.61189445	0.45488701
0.012	0.012	0.70982045	0.77505749	1.16545441	0.87794874	1.16418003
0	0	0.6085389	0.61276325	0.36723321	0.55726071	0.66293245
0.032	0.025	5.5556737	4.91420444	4.80124044	5.1438894	4.86231718
0.004	0	2.78090452	2.33463251	2.45662337	2.79012455	2.4180384
0	0	0.15115892	0.07184602	0.08989135	0.09100135	0.12568414
0.004	0	0.16625896	0.27018889	0.18508131	0.20083998	0.10207531
0.008	0.004	0.48518314	0.60629144	0.21986827	0.30958651	0.65440829
0	0	0.16386971	0.27719764	0.13115426	0.10535454	1.00E-04
0	0	1.00E-04	0.0103004	0.01386052	0.00346524	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00209943	1.00E-04
0	0	1.00E-04	0.05724442	0.0839153	0.05905774	1.00E-04
0	0	1.00E-04	0.0100154	0.00544983	1.00E-04	1.00E-04
0.016	0	0.34649268	0.58282339	0.55587328	0.67923916	0.29631847
0	0	1.00E-04	0.00778123	0.00182073	0.00241631	1.00E-04
0.016	0.008	0.74360031	0.52519943	0.50818344	0.68611641	0.65838478
0	0	0.11351019	0.02693284	0.03473912	0.07970404	0.04764173
0	0	0.13212221	0.14448661	0.05656313	0.0837542	0.32409042
0	0	1.00E-04	1.00E-04	0.0073763	0.00220692	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01966167	0.02194694	0.03646499	1.00E-04
0.028	0.033	0.79501797	0.57684584	1.48313589	1.34536711	0.78537289
0	0	1.00E-04	0.05470483	0.01610361	0.0392006	0.10810752
0.016	0.008	0.00783977	0.00295733	0.03503529	0.03839331	1.00E-04
0.052	0.098	1.11607647	1.18199725	1.57461262	1.71616939	1.06892464
0.024	0.004	2.70786478	2.50588163	2.71362579	2.98207618	2.1576266
0	0	0.190188	0.32659157	0.51505002	0.53999304	0.52411878
0	0	1.00E-04	0.05541256	0.03854439	0.04458935	1.00E-04
0	0.004	0.43484388	0.44765916	0.47877972	0.4194683	0.46357881
0.016	0.012	0.28329045	0.35138577	0.33320965	0.3817603	0.61153246
0	0	0.21531057	0.13093133	0.39845913	0.19351563	0.1870689
0	0	0.0207748	0.03433512	0.03471325	0.03949798	1.00E-04
0	0	1.00E-04	0.0571352	0.0355677	0.01597591	1.00E-04
0.008	0.004	0.50573905	0.35759022	0.38546945	0.46422393	0.27321551
0	0	1.00E-04	1.00E-04	0.03177111	0.03375579	1.00E-04
0	0	1.00E-04	0.02408941	0.03331032	0.05397218	1.00E-04
0.044	0.057	2.02195186	1.97954948	2.25303225	2.39306645	2.04522876

0	0	0.01691183	0.02196665	0.01653426	0.03602153	1.00E-04
0.087	0.102	2.63025872	3.35941342	1.93720921	2.37168805	2.70772776
0	0.012	0.4720527	0.45656834	0.52164137	0.49713432	0.58630053
0	0	1.00E-04	0.03517521	0.03809692	0.04906155	0.32016869
0	0	1.00E-04	1.00E-04	0.00498652	0.00427671	1.00E-04
0	0	1.00E-04	1.00E-04	0.00280699	0.00265962	1.00E-04
0	0.008	2.16093735	1.85052406	2.60933768	2.48064062	2.85400251
0.028	0.025	0.39937171	0.50048731	0.62312758	0.67175833	0.92970657
0.008	0.008	0.62349123	0.83136229	1.00399924	0.94948631	0.87627274
0	0	0.01699392	0.10914896	0.08727413	0.15886821	0.04629432
0.004	0	0.15411756	0.11247672	0.15320384	0.19051036	1.00E-04
0	0	1.00E-04	0.07873492	0.10552162	0.08439618	1.00E-04
0	0	0.56373023	0.54346113	0.27497126	0.31669017	0.26176324
0	0	1.00E-04	0.00532913	0.00896116	0.00882685	1.00E-04
0	0	0.18389428	0.42075914	0.13388495	0.17352039	0.24810761
0.004	0	0.40483562	0.60960376	0.39222243	0.51407615	0.4460039
0	0	1.00E-04	0.01175904	1.00E-04	1.00E-04	1.00E-04
0	0	1.17365419	1.21517941	1.41821481	1.36520835	1.78363728
0	0	1.00E-04	1.00E-04	0.00413665	0.00330909	1.00E-04
0.004	0.012	3.12641529	3.6189214	2.93217135	3.00805969	3.47412253
0	0	1.00E-04	0.0437919	0.0177297	0.05413921	1.00E-04
0	0	0.04077156	0.0321582	0.03815095	0.04339935	0.15252257
0	0	0.14849185	0.05470355	0.01884889	0.05026371	0.24944535
0.036	0.029	1.35655423	1.50068612	1.54509932	1.90831319	1.33592518
0	0	1.00E-04	0.16550332	0.09909035	0.05687003	1.00E-04
0	0	0.10190373	0.30951482	0.21846183	0.25751737	0.14171601
0	0.02	2.02692119	2.13519039	3.16952196	2.46797398	2.73455572
0	0.004	0.08459942	0.06249009	0.14416135	0.12407164	0.13186721
0.012	0.008	0.40540327	0.48608324	0.44337528	0.72592853	1.00230499
0	0	1.00E-04	0.02734544	1.00E-04	0.00859371	1.00E-04
0.02	0.016	0.25752195	0.29351724	0.20929627	0.24693422	0.168926
0	0	1.00E-04	1.00E-04	0.00273503	0.01334474	1.00E-04
0	0	1.00E-04	0.0409955	0.03044031	0.01770823	1.00E-04
0	0	1.00E-04	0.0051487	0.00305064	0.01286864	1.00E-04
0.004	0.004	0.07060588	0.22266496	0.42952061	0.47768251	0.21096002
0.02	0.004	0.77043572	0.74310422	0.58677059	0.76703228	0.84400805
0	0	0.16509862	0.11360215	0.13027666	0.11833879	0.07869805
0	0	0.06829501	0.04213945	0.10578122	0.08495522	0.05667114
0	0	1.00E-04	0.02709682	0.0441457	0.02801467	1.00E-04
0.008	0.012	0.93875866	0.77449955	1.08468188	1.17717618	0.76599147
0.016	0.016	0.98335362	1.20342032	0.88262771	1.15658984	1.28286431
0.012	0.016	0.62253371	0.78409169	0.98582519	1.05710768	0.51992949
0.004	0.004	0.56311869	0.87343062	1.38183386	0.62717973	0.28693461

0.008	0.012	0.62243516	0.70758602	0.42568058	0.57173414	0.60296694
0.004	0	0.16667556	0.12335891	0.13697928	0.10931087	0.24014559
0	0	0.099643	0.1100851	0.0792565	0.05293179	0.21165859
0	0	0.05177564	0.20835813	0.097985	0.19020252	0.079632
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.13632142	0.25579382	0.20811129	0.27568635	0.13736237
0	0	1.00E-04	0.044684	1.00E-04	1.00E-04	1.00E-04
0	0	0.03653713	0.06025499	0.04535839	0.02682117	1.00E-04
0.008	0	3.57212215	3.49262877	3.08765567	3.03272685	2.94590459
0	0.004	0.96725026	0.96452626	1.15302388	1.17854939	1.19909732
0.004	0	1.06418241	1.05295715	1.27111611	1.27143742	0.5854055
0	0	0.0100497	0.08945541	0.05415075	0.02606985	1.00E-04
0	0	1.00E-04	0.00222141	0.01622262	1.00E-04	1.00E-04
0	0	0.10359558	0.30597882	0.08830486	0.06328686	1.00E-04
0	0	1.00E-04	0.02359707	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02456374	0.02386144	0.05949148	1.00E-04
0	0	0.44963422	0.18040884	0.02325851	0.08397363	0.38640833
0	0	1.00E-04	1.00E-04	1.00E-04	0.00329349	1.00E-04
0	0	1.00E-04	1.00E-04	0.00883012	0.02240037	1.00E-04
0	0	0.14976026	0.11633609	0.03418295	0.10565321	1.00E-04
0	0	0.10340172	0.15521478	0.07325538	0.10534549	1.00E-04
0	0	1.00E-04	0.05959479	0.01575102	0.0115845	1.00E-04
0.008	0.012	2.10721309	2.72956597	1.70353845	1.81098108	2.96838963
0.024	0.016	1.88726167	2.1626412	1.50782882	1.78654931	2.4964394
0.016	0.016	0.5808525	0.55628824	0.65765593	0.69914531	0.92045054
0	0	0.5462164	0.5013591	0.18021768	0.28298647	0.39400153
0.056	0.061	1.23329128	1.38138653	1.30216511	1.56667307	1.66510522
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.024	0.025	0.93053809	0.92062414	1.51400682	1.40584736	1.01758099
0.067	0.066	3.05268139	3.32879916	2.75087442	2.81691833	2.77353369
0	0	1.00E-04	0.03770417	0.04976193	0.07701849	1.00E-04
0	0	0.04287432	0.04741707	0.04650412	0.08778909	0.04018237
0.02	0.008	2.13021416	2.35983568	2.47652149	2.35325953	1.81232149
0.008	0.004	0.30625199	0.35477523	0.2484729	0.39824178	0.21743343
0.02	0.008	1.38314343	1.48207025	1.10192094	1.45652885	0.80971706
0	0	0.04919934	0.03363389	0.01539543	0.03384062	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.052	0.066	0.77213248	0.7884841	0.63454694	0.83380624	0.6269617
0.004	0	0.57202462	0.64040521	1.05631538	0.74675597	0.58040208
0	0	1.00E-04	0.0691381	0.03042897	0.01340381	1.00E-04
0	0	1.00E-04	0.08406888	0.05489383	0.17737849	1.00E-04
0	0	0.2284072	0.22582395	0.15036839	0.26178432	0.07046805

0	0	0.14006101	0.08735361	0.04055205	0.10410588	1.00E-04
0.004	0	0.0584579	0.01566288	0.01081383	0.06484775	1.00E-04
0	0	0.11635909	0.26647737	0.23669095	0.47532775	1.00E-04
0	0	1.00E-04	1.00E-04	0.02317433	0.02586099	1.00E-04
0.004	0	0.42718228	0.45282478	0.33472845	0.54336793	0.32464498
0	0	0.01740588	0.02806344	0.07675371	0.12447904	0.05418941
0.02	0.016	0.97624782	1.33020258	0.74224726	0.99253551	0.92239456
0.044	0.033	1.24053897	1.34480316	1.02469323	1.2043892	1.53229574
0.044	0.02	2.18223306	2.39518982	2.00646762	2.23337239	2.69003641
0.008	0	0.2802591	0.49412574	0.42118232	0.48379219	0.48809826
0.056	0.053	1.84362895	2.04901426	1.43942751	1.71585446	1.93526394
0.02	0.02	1.64925583	2.73799423	1.9358206	2.27117847	2.41242848
0.016	0.029	0.91651421	0.88779742	0.70282312	0.85065299	1.0483526
0	0	0.12376937	0.07846339	0.08404369	0.10435686	1.00E-04
0	0	1.00E-04	0.01713528	0.0086574	0.01226759	1.00E-04
0.036	0.012	1.33204491	1.39618633	1.48110492	1.46866612	1.46768458
0	0	0.02625697	0.11110252	0.09629957	0.04559272	1.00E-04
0	0.004	0.11255871	0.13407335	0.14384896	0.20713673	0.32811175
0	0.004	1.00E-04	0.0059259	0.01243295	0.01151918	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.012	0.89439251	0.75426404	0.98702532	1.04800348	1.09218876
0.004	0.004	0.27785169	0.11463029	0.04252868	0.08589501	0.12358108
0.04	0.012	1.61354196	1.59739293	2.17916074	2.02594756	1.69958593
0.004	0	0.31239571	1.24158827	0.54167624	0.84852315	0.5432074
0	0	0.05685863	0.0717629	0.06637566	0.09073652	0.14900404
0.048	0.045	2.81563834	2.79141067	2.44977141	2.80647303	2.74002569
0.028	0.053	1.98253139	2.02445875	2.52120116	2.52951975	1.85223359
0	0	0.06260256	0.01111342	0.09061696	0.08672149	1.00E-04
0	0	1.00E-04	0.06900606	0.03206447	0.02241833	0.25907767
0	0.004	0.12024478	0.25504054	0.20314794	0.38707795	0.14880356
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.016	0.34603721	0.39715251	0.38405241	0.35761555	0.89368866
0	0	0.01573081	0.03841369	0.02232503	0.07194051	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00604141	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00949032	1.00E-04
0	0.004	0.15627572	0.11107183	0.08262024	0.15298082	0.39496832
0	0.012	0.13731283	0.33622156	0.17061397	0.17786282	0.19391588
0	0	1.00E-04	0.05796454	0.02196901	0.04031048	1.00E-04
0	0.004	0.32400241	0.46332638	0.26866034	0.27028512	0.22581093
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.18649813	0.21438269	0.35894567	0.40732279	0.22208401
0.004	0	0.04626561	0.18718889	0.20640824	0.18302602	0.25212656
0	0	1.00E-04	0.02749245	0.02203627	0.01296654	1.00E-04

0	0	1.00E-04	0.10477777	0.03507036	0.03513634	0.17880978
0	0.004	0.03318392	0.03558708	0.02806917	0.0273138	0.41649218
0.012	0.004	1.16424028	1.55067368	1.39741218	1.59871734	1.43989093
0	0	0.03634877	0.01696747	0.04356105	0.03755842	1.00E-04
0.004	0	0.16629716	0.05192763	0.06556393	0.09242344	1.00E-04
0	0	0.32874144	1.62400781	0.4893347	0.59989269	0.83171546
0	0	0.09475984	0.05446829	0.10292972	0.11136487	0.21593814
0.016	0.004	0.72800689	0.74756214	1.15780156	1.14682902	0.93887764
0	0.004	0.44025223	0.77205245	1.14640386	0.80376935	0.47382252
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	1.03724657	1.04323859	1.92162717	1.68616048	1.24814639
0.028	0.057	1.1494066	1.27458168	1.22539051	1.39380591	1.17577509
0.048	0.037	0.1474562	0.60521449	1.10536891	0.49930642	0.31034111
0.012	0.012	1.26663253	1.3962478	1.58351499	1.68172362	1.41675945
0	0	1.00E-04	0.00468799	1.00E-04	1.00E-04	1.00E-04
0.008	0.008	0.21167165	0.25050556	0.28577798	0.38643076	0.47950458
0	0	0.54233198	0.52971766	0.54028633	0.66407446	0.17856559
0	0	0.03945374	0.01230349	0.03350029	0.05837261	1.00E-04
0.095	0.049	1.31602785	1.53503999	1.39605519	1.80246361	1.82939329
0	0.012	0.21711658	0.30119267	0.33860493	0.39203219	0.24467295
0.012	0.004	0.01508174	0.04538664	0.04797878	0.01962272	1.00E-04
0.008	0.004	0.27064347	0.20425102	0.50026346	0.44471916	0.28925653
0.083	0.061	2.2287641	2.47894536	3.55502673	2.98417195	1.93747617
0	0	0.03764592	0.08018322	0.15280282	0.13762668	0.17502898
0	0	0.04808337	0.11010663	0.03605694	0.04349295	1.00E-04
0	0	0.04540888	0.09363041	0.06439453	0.05267535	0.05678968
0.004	0.004	0.45670048	0.40446581	0.54736154	0.62234573	0.27284052
0	0	0.01912661	0.00342558	0.01374436	0.01929856	1.00E-04
0	0	0.39542654	0.34682178	0.58253116	0.42012964	0.4843667
0	0	0.66053469	0.56689718	1.0641477	0.89361077	0.66399599
0	0	0.04071809	0.09020149	0.02736714	0.09119585	1.00E-04
0	0	1.00E-04	0.00754728	0.04967173	0.05284714	1.00E-04
0	0	0.21798294	0.11483909	0.07805058	0.04973626	0.12796313
0	0.004	1.00E-04	0.00314946	0.01824628	0.02906833	1.00E-04
0	0	1.00E-04	1.00E-04	0.00415314	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.0072495	0.0041264	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.083	0.07	2.11144278	2.15058029	2.47802357	2.56981068	2.15335822
0.024	0.008	1.55088123	1.84996673	1.68955921	1.80002368	1.81517911
0	0	0.11497414	0.09975209	0.03386409	0.07111134	1.00E-04
0.016	0.016	0.57106721	0.59504362	0.32690744	0.34858898	0.45074706
0.044	0.045	1.87614421	2.30629559	1.60719176	1.71832639	1.95016087
0.048	0.045	0.4348383	1.05154372	0.57251198	0.78752601	0.63990775

0	0	1.00E-04	0.04901667	0.06375078	0.06435821	1.00E-04
0	0	0.0886986	0.10336068	0.15431518	0.06652666	0.13741406
0.004	0.004	0.19330355	0.20532506	0.24137908	0.2017234	0.258362
0.004	0.008	0.44383203	0.27391837	0.27389098	0.38127556	0.24554799
0.135	0.057	2.02829931	2.14592228	1.71852282	1.89615634	2.20080922
0	0	0.10691823	0.09805473	0.1274691	0.14053769	0.33447453
0.111	0.078	1.89730341	2.04203666	2.23466118	2.10712997	1.83435257
0	0	1.00E-04	1.00E-04	1.00E-04	0.0032471	1.00E-04
0	0	1.00E-04	0.00724727	1.00E-04	1.00E-04	1.00E-04
0.016	0.025	1.03169735	1.30755276	0.99457983	1.23727191	1.38911818
0.024	0.025	1.30994079	1.28016221	1.79884123	1.65050954	2.11064958
0	0	0.26616295	0.24823194	0.11025564	0.11069602	0.80989815
0.19	0.111	2.46634206	2.69995384	3.81309183	2.50799834	3.55305658
0.004	0.025	1.17261055	1.33739394	1.22421638	1.61126776	1.22117254
0.008	0	0.44997216	0.40108176	0.28299295	0.24795343	0.93613071
0	0	0.05657693	0.07991695	0.03289064	0.11978466	1.00E-04
0	0	1.00E-04	1.00E-04	0.02472088	0.00917858	1.00E-04
0	0	1.00E-04	1.00E-04	0.00636201	1.00E-04	1.00E-04
0	0	0.03990085	0.10741622	0.07096737	0.10515735	0.09734588
0	0	0.01895155	0.08274937	0.04210297	0.07543278	1.00E-04
0.02	0.016	2.9519692	3.01463591	3.47391917	3.33028951	2.51606695
0	0.004	0.14300216	0.11658905	0.07832884	0.14426129	0.08738744
0.012	0	0.23902377	0.36118644	1.41455456	1.15490278	2.76771599
0	0.008	0.1134456	0.16627787	0.17022988	0.33622835	0.48343234
0	0	1.00E-04	0.01296311	0.01153325	0.0351514	1.00E-04
0	0	0.02814136	0.08809263	0.07124703	0.0797336	0.105351
0.008	0.004	0.22780775	0.34736612	0.31141376	0.43008173	0.80213754
0.012	0.004	0.579405	1.1471988	0.58636011	0.95372045	0.61446482
0	0	1.00E-04	1.00E-04	0.00900634	0.01402718	1.00E-04
0.012	0.004	2.47147531	2.50020097	2.77967276	2.67628283	2.17634618
0.06	0.082	1.4675306	1.39857816	1.839054	2.00917842	1.98726974
0.004	0	0.33404883	0.53346238	0.58715768	0.5475348	0.43684427
0.004	0	0.13436703	0.15142375	0.13019034	0.20364078	0.03658585
0.004	0	0.13917282	0.27632995	0.21672356	0.29598591	0.28522154
0	0	0.01039839	0.05218714	0.02804874	0.0331897	1.00E-04
0.02	0.02	0.79644154	0.53412768	0.69730978	0.99954231	0.64606558
0.016	0.008	0.25068074	0.15883573	0.16885058	0.27783789	0.19592208
0.004	0	0.13233577	0.17469035	0.22894461	0.16970503	0.05990248
0	0	0.1710307	0.0773052	0.05465741	0.08392201	0.03613056
0.044	0.07	0.37258651	0.89346362	0.4213313	0.71642107	0.83560224
0	0	0.11523602	0.15656259	0.06181777	0.15033712	0.17658689
0	0	1.00E-04	0.06492503	0.04252451	0.06486976	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.008	0.004	1.52983836	1.50788961	1.20165755	1.13584576	1.47245196
0.012	0.029	0.70483732	0.65874829	0.67716511	0.80023521	0.66373758
0	0.004	0.13070974	0.16100309	0.17521845	0.20112745	0.3712326
0	0.008	0.38440606	0.60117726	0.56342663	0.56824528	0.29660955
0.004	0	0.04615817	0.04041745	0.01827498	0.03025319	1.00E-04
0.004	0.004	0.58845086	0.62750576	0.51006209	0.59378963	1.10942228
0.004	0	1.00E-04	0.17236794	0.03576696	0.03351693	1.00E-04
0	0.004	1.15827134	1.03995307	1.38336256	1.1202043	0.89414481
0	0	1.00E-04	1.00E-04	0.01272032	1.00E-04	1.00E-04
0.008	0	1.13910958	0.76869456	1.13595403	1.34119369	0.99495368
0	0	0.25101511	0.23676169	0.21560909	0.21848053	0.18672451
0.008	0.012	0.37684306	0.35008958	0.4309475	0.46900894	0.31594119
0	0	0.10666217	0.16272753	0.0809374	0.07322467	0.08601354
0	0	0.01542227	0.00659259	0.02120594	0.02716717	1.00E-04
0.008	0.008	0.74522908	1.01678206	0.6621807	0.81719948	0.42721805
0.004	0.004	1.18799531	1.06666382	0.60369472	0.70743732	0.77338512
0	0	0.01921549	0.02654424	0.01417359	0.04172139	1.00E-04
0.004	0	0.02963081	0.05718434	0.06781666	0.05396037	1.00E-04
0	0	1.00E-04	0.01175986	0.00551671	0.01110166	1.00E-04
0	0	0.0571074	0.05450675	0.0526606	0.10494146	0.16279784
0	0	1.00E-04	0.00493531	0.02126041	0.01163864	1.00E-04
0	0	0.34598792	0.57571817	0.67282903	0.54773581	0.81999661
0.008	0	0.08572095	0.3399839	0.40143283	0.52114533	2.84849361
0	0	0.01208213	0.01090547	0.01667862	0.00978007	1.00E-04
0	0.008	0.03502062	0.06320661	0.02113393	0.05583462	1.00E-04
0	0	0.03864549	0.10191447	0.0278585	0.02355649	0.05939881
0.151	0.135	3.19852328	3.49997971	3.04385237	3.22164199	3.43024439
0	0	1.00E-04	0.02293218	0.00597941	1.00E-04	1.00E-04
0	0	0.07821778	0.11102135	0.09715562	0.08937328	0.30757019
0.004	0.033	0.39893051	0.68001995	0.43480369	0.47784638	0.80702413
0.008	0	0.29897726	0.21077535	0.30174736	0.29492703	0.27045649
0.028	0.008	1.87420314	2.30755262	1.58927317	1.76292262	2.67609379
0	0	0.2677939	0.30813452	0.15157483	0.25345	0.49015212
0.004	0.008	0.01950435	0.02472642	0.04923392	0.05245832	0.11761613
0	0	0.11647531	0.07497991	0.0693712	0.13098053	0.28132783
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0236294	0.00767163	0.00898467	1.00E-04
0	0.016	0.78986716	0.54753478	0.68846997	0.74302698	0.97182586
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02260807	0.04764154	0.04557583	0.04260074	0.04084487
0	0	0.11406588	0.21886539	0.3005755	0.52531062	0.54065063
0	0	0.07580828	0.09774093	0.08602356	0.09795748	0.05667114
0.004	0.004	0.02503229	0.07629089	0.13013521	0.16107655	1.00E-04

0	0	1.00E-04	0.03110077	0.00197687	0.00529647	1.00E-04
0	0	0.03143268	0.01348343	0.00570097	0.01316709	1.00E-04
0	0	0.34779385	0.44202978	0.91916613	0.57740068	0.78617344
0	0	0.22559192	0.23857407	0.08576556	0.12795737	1.00E-04
0	0	1.00E-04	0.04327824	0.02753597	0.01473297	1.00E-04
0.008	0	1.46603813	1.36829332	1.08734562	1.12693175	1.03490033
0.107	0.143	3.59653062	3.84585175	3.34869017	3.67285823	3.28547792
0	0	1.00E-04	0.02006997	0.00226909	1.00E-04	1.00E-04
0.024	0.057	3.04855571	4.57659614	2.98752655	3.59464395	3.10644461
0	0	0.80610354	0.89064636	0.77273675	1.13163322	0.10337429
0.004	0.012	0.59948652	0.57205022	0.81330912	0.86765578	1.00284006
0	0	0.03336489	0.10171755	0.07778367	0.06792955	0.09665308
0.02	0.012	0.49457625	0.46572096	0.52456321	0.88823725	1.11222606
0	0	1.00E-04	0.00637877	1.00E-04	0.01149137	1.00E-04
0.056	0.041	2.32892964	2.25212805	3.06304405	2.80285968	2.27985448
0	0	1.00E-04	0.0300227	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.86231533	0.99349999	1.98099733	1.12628364	0.84885285
0	0	1.00E-04	1.00E-04	0.0046479	1.00E-04	1.00E-04
0	0	0.45909089	0.38491294	0.42674807	0.59531474	0.70552692
0	0	0.37004552	0.26382557	0.1936424	0.2880686	0.17064726
0.016	0.008	0.38709238	0.48499898	0.49029125	0.65013352	0.40995556
0.02	0.025	0.2431878	0.54462984	0.45037524	0.57761262	0.78794469
0.008	0	0.2608934	0.32738252	0.26913784	0.23308392	0.3562246
0	0	1.00E-04	1.00E-04	0.01258755	1.00E-04	1.00E-04
0.004	0	0.19772618	0.50790573	0.23374105	0.17867794	0.07266884
0	0.004	0.35327404	0.48818632	0.23175427	0.36233617	0.15207281
0	0.004	0.32817662	0.30227206	0.11799179	0.13413202	0.1980275
0.024	0.049	0.86179751	0.86360966	1.10899665	1.26545922	0.74112789
0	0	0.01863998	0.01200397	0.00838682	0.01050792	1.00E-04
0	0.004	0.05234713	0.0725776	0.08041468	0.09272648	0.53360881
0	0	0.0484182	0.02980332	0.01418962	0.03158752	1.00E-04
0	0	1.93866192	1.39329004	0.50853568	0.72275042	0.24775863
0	0	1.00E-04	0.03779264	0.00922268	0.01873342	1.00E-04
0	0	0.02979968	0.01250759	0.01868033	0.01427635	0.06224252
0	0	1.00E-04	1.00E-04	0.00275874	1.00E-04	1.00E-04
0	0	1.00E-04	0.00351105	0.00212491	0.00336902	1.00E-04
0	0	1.00E-04	1.00E-04	0.00234373	0.01025905	1.00E-04
0	0	1.00E-04	0.02920548	0.00196648	0.01016079	1.00E-04
0	0	0.05290239	0.02419567	0.01145845	0.01605012	1.00E-04
0	0	1.00E-04	0.02399344	0.00149583	0.01076971	1.00E-04
0	0.008	0.13565276	0.39223812	0.29017149	0.38994057	0.27499496
0	0.008	0.03323526	0.06098829	0.02568006	0.08113476	1.00E-04
0	0	1.00E-04	1.00E-04	0.01176626	0.00186541	0.0746496

0.02	0.012	1.31825574	1.20752482	0.86000416	1.14052151	0.8778987
0.028	0.02	1.00E-04	0.03449809	0.01030879	0.01570506	1.00E-04
0	0	0.08367661	0.02819963	0.09127853	0.24747297	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00529094	1.00E-04
0.004	0.004	0.21781466	0.07126272	0.12149509	0.10494496	1.00E-04
0	0	1.00E-04	0.0212936	0.00258414	1.00E-04	1.00E-04
0	0.004	0.47400157	1.03129937	0.3747215	0.30895109	0.30965114
0	0	1.00E-04	0.02685752	0.00553613	0.00560701	1.00E-04
0.004	0.012	1.00E-04	0.0170255	0.00252092	0.0169631	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0013881	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00747857	1.00E-04
0	0	0.01464182	0.03435581	0.01583056	0.00894885	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00726818	1.00E-04
0	0	0.03488186	0.0474891	0.05403593	0.05224622	1.00E-04
0	0	0.02149079	0.04185863	0.02753786	0.03399979	1.00E-04
0	0	0.70178502	0.64116028	1.14564642	1.10508998	0.74152727
0	0	0.07913219	0.07871832	0.03870644	0.10322558	0.09968908
0	0.008	0.65192079	0.38667242	0.38513247	0.4784966	0.72664857
0.016	0.008	0.46062807	0.52421858	0.57386114	0.71660644	0.38085229
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.00964744	0.05943956	0.05133057	0.04970796	0.04859128
0	0	1.00E-04	0.02499078	0.0184751	0.01914602	1.00E-04
0.004	0	1.00E-04	0.12200414	0.05200044	0.04769353	0.02869053
0.004	0.012	0.71612371	0.91722876	0.55895087	0.62013356	0.62725053
0.004	0	0.6658813	0.76339679	0.47192868	0.67593863	1.00E-04
0	0	1.00E-04	0.02017954	0.05978756	0.06576443	1.00E-04
0.004	0	1.10192697	1.17067069	1.35776436	1.37317562	0.91577871
0.004	0	1.60916631	1.68406181	1.68994479	1.59552872	1.14329366
0	0	0.07283444	0.09254807	0.07092068	0.02862617	1.00E-04
0	0	0.0371779	0.0224774	0.04387701	0.01502548	0.04835543
0	0	0.25950307	0.26055437	0.03992891	0.04775973	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00167449	0.00345347	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00871187	1.00E-04
0	0	0.0181006	0.04113794	0.02525026	0.04493076	1.00E-04
0.004	0.004	1.59699691	1.19368568	1.05341868	1.3760368	0.67311913
0.008	0.004	1.09267317	1.36993628	1.28592943	1.42379346	0.66138247
0	0	0.03459558	0.02248225	0.0098271	0.02194892	1.00E-04
0	0	0.25110531	0.27970035	0.17691646	0.21565559	0.32296377
0.004	0.012	1.06405055	1.06243211	0.58616035	0.73324357	1.07183677
0.02	0.004	0.53993594	0.74502559	0.70286279	0.89769402	0.6319287
0	0	0.27431384	0.4375829	0.67696826	0.37366907	0.1480514

0	0.004	0.07886441	0.06059507	0.08006135	0.12215701	0.27329866
0	0	0.10088341	0.09294592	0.17600967	0.18510603	0.31464635
0	0	0.73674864	0.60291337	1.1238837	1.26022585	0.87633145
0	0	0.12662317	0.12585999	0.09548253	0.10412647	0.11416864
0	0	0.20415047	0.25529742	0.15984521	0.22808217	0.04629432
0	0	0.28811771	0.12116372	0.16527315	0.2258273	1.00E-04
0	0	0.02978482	1.00E-04	0.01003677	0.01132051	1.00E-04
0	0	1.00E-04	0.04227262	0.01338143	0.00692431	1.00E-04
0.008	0	0.85890691	0.98306642	0.74300108	0.93093489	1.33291887
0	0	0.38806972	0.6772838	0.37615415	0.50728072	0.3029337
0	0	1.00E-04	1.00E-04	0.00550366	1.00E-04	1.00E-04
0	0	0.18337395	0.22653108	0.30522774	0.34129549	0.0552687
0.036	0.025	1.43381841	1.6241363	1.56638629	1.67481288	1.6710621
0	0	1.00E-04	0.05508197	0.03364787	0.04951539	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00274086	1.00E-04
0.083	0.045	3.0422126	3.35501529	2.79032415	2.87077884	2.75821877
0	0.004	1.37425798	1.7061421	0.9839422	1.14894079	0.98613056
0.008	0.004	1.37293384	1.53471255	1.24515303	1.2455558	1.24672593
0.214	0.168	2.3380344	2.56648465	2.5900128	2.66588862	2.36802212
0.032	0.016	1.449665	1.94500178	1.14222806	1.19595447	1.35813871
0.004	0	1.00E-04	0.02512329	0.05525572	0.02307237	1.00E-04
0	0	0.03458211	0.04282023	0.02068231	0.02369819	1.00E-04
0.004	0	1.00E-04	0.08557485	0.03136958	0.04644213	1.00E-04
0	0.004	1.00E-04	0.00351463	0.04424116	0.04458225	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00960739	0.02074717	1.00E-04
0	0	0.3007772	0.22123802	0.33140922	0.33336164	0.37877416
0	0	1.00E-04	1.00E-04	1.00E-04	0.00495677	0.11894082
0	0	0.17291578	0.06965176	0.0420794	0.06578127	0.11314906
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.13076291	0.13337263	0.07207804	0.15963986	1.00E-04
0	0	0.17556437	0.29128797	0.15181444	0.26504121	1.00E-04
0.012	0.008	1.54933476	1.58285353	1.36660092	1.73057927	1.30638403
0.02	0.008	1.46372627	1.66386521	1.23792298	1.35860511	1.50345732
0	0	0.41699402	0.75497859	0.34038492	0.40606384	0.46825529
0	0	1.00E-04	1.00E-04	1.00E-04	0.00233624	1.00E-04
0	0	0.0245153	0.0124827	0.01580617	0.00273154	1.00E-04
0	0.008	0.05113293	0.11371334	0.02587971	0.02976206	1.00E-04
0	0.004	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00433752	1.00E-04	1.00E-04	1.00E-04
0.008	0.012	0.30168301	0.73164352	0.42021571	0.34701369	0.45704596
0	0	1.00E-04	0.0218502	0.01025626	0.01297427	1.00E-04

0	0	1.00E-04	1.00E-04	0.00437818	0.00388922	1.00E-04
0.143	0.143	4.14729213	4.29669218	3.63737159	3.84887912	3.87783261
0	0	1.00E-04	1.00E-04	0.01215066	0.00991684	1.00E-04
0	0	1.00E-04	0.01121593	0.01554629	0.05117096	0.1054867
0	0	0.04336495	0.08480129	0.0981054	0.13236142	1.00E-04
0	0	1.00E-04	1.00E-04	0.00476818	1.00E-04	1.00E-04
0.008	0	0.24092278	0.39327127	0.40699916	0.64616077	0.51510089
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.08422848	0.06106352	0.03730697	0.04403512	1.00E-04
0	0	0.27226527	0.28216088	0.17385656	0.21835391	0.3863688
0.012	0.004	1.32041769	1.29195268	1.59416528	1.66502274	1.34956426
0	0	0.03038298	0.00879422	0.01254343	0.01030201	1.00E-04
0	0	0.02886926	0.11546532	0.03833291	0.03401585	1.00E-04
0	0	0.03105124	0.01888843	0.04892802	0.02195846	1.00E-04
0	0	1.00E-04	1.00E-04	0.0025022	1.00E-04	1.00E-04
0	0	1.00E-04	0.00608099	1.00E-04	1.00E-04	1.00E-04
0	0	0.13725982	1.00E-04	1.00E-04	0.00399877	1.00E-04
0	0.008	0.01835239	0.0079004	0.00406557	0.00544059	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.012	0.03878339	0.25244061	0.29195623	0.8064236	1.00E-04
0	0	1.00E-04	0.00965852	0.01568553	0.02173619	1.00E-04
0	0.004	0.50334694	0.48395155	0.36651835	0.4825998	0.31413309
0	0	0.02068684	1.00E-04	1.00E-04	1.00E-04	0.05058647
0	0	0.08954369	0.12890996	0.04356853	0.09120722	0.07799322
0	0.004	0.08289915	0.09233995	0.06499398	0.07803804	1.00E-04
0	0	0.00970164	0.01795136	0.00935261	0.02893324	0.05939881
0	0	0.00961461	1.00E-04	0.00906883	0.02825134	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03983222	0.02593081	0.06565436	0.09971485	1.00E-04
0	0	0.06902904	0.01110794	0.00780921	0.00299081	1.00E-04
0	0	0.0370811	0.10155049	0.11491826	0.16277674	0.04839768
0	0	1.00E-04	0.00845652	0.01881721	0.03642663	1.00E-04
0.004	0	0.06932257	0.02460889	0.03200537	0.00467842	1.00E-04
0.02	0.016	1.0190134	1.00629902	0.71752886	0.91286449	1.32695552
0.067	0.086	1.66807861	1.61183166	2.09623302	1.96991119	1.76458294
0.024	0.029	1.65295757	1.45877325	1.72123949	1.90044581	1.76273715
0.052	0.033	1.86792018	2.24373639	2.22861504	2.27765098	2.12132748
0	0.012	0.37786307	0.55570155	0.5426085	0.59206748	0.59121136
0.02	0.004	1.06560164	1.08245415	1.13275839	1.17197811	1.36996367
0.008	0.016	0.89370608	0.9350637	0.59236204	0.68632596	1.03621228
0	0	0.05189001	0.05563963	0.01057244	0.0336689	1.00E-04
0.004	0	0.18661861	0.2185138	0.10990195	0.14304403	0.04054828
0.024	0.045	2.7675112	2.60537283	2.68905217	2.85364073	3.13825204

0.016	0.016	1.91002207	1.98600823	1.98238458	2.01462104	1.7537929
0	0	0.07318423	0.28219261	0.21628427	0.24822211	0.13282808
0	0	1.00E-04	0.03856491	0.02275682	0.04227249	1.00E-04
0	0	1.00E-04	0.01184523	0.00139865	0.01213971	1.00E-04
0.004	0.004	0.57677375	0.61355748	0.61606216	0.76620037	0.58493871
0.004	0.004	0.08123802	0.13254324	0.42919794	0.38335266	0.42851367
0	0	1.00E-04	0.03351572	0.02339704	0.04903733	1.00E-04
0.044	0.066	1.85053016	1.92074173	1.63027611	1.97204087	2.02522782
0.004	0.008	0.03366142	0.03953366	0.02698903	0.04810672	0.24096384
0.004	0.004	0.07502227	0.1132741	0.09121857	0.11255519	0.12893654
0	0	0.01235368	1.00E-04	0.02353454	0.01800766	0.13660252
0	0	0.02514773	0.02821687	0.08091599	0.0932699	0.15578606
0	0	0.21309992	0.12557696	0.11097227	0.13595955	0.07213685
0	0	1.00E-04	0.01009024	0.01326848	0.02842407	1.00E-04
0	0	1.00E-04	1.00E-04	0.00660345	0.01368008	1.00E-04
0.004	0	0.19805118	0.31763499	0.44690398	0.51748892	0.10490025
0	0	0.01870529	0.14036082	0.0577841	0.02101896	0.05390462
0	0	1.00E-04	0.02422674	0.0158195	0.02120599	1.00E-04
0	0	1.00E-04	0.03265838	0.02934306	0.05000291	1.00E-04
0.194	0.213	3.35612578	3.508409	3.27936946	3.53215677	3.47652853
0.012	0.008	0.53379605	0.90410208	0.44423915	0.60130987	0.4932383
0.028	0.037	1.82563579	2.41355008	2.18830364	1.8530556	1.9028906
0	0	1.00E-04	1.00E-04	0.00167488	1.00E-04	1.00E-04
0	0	0.12719253	0.08810622	0.0290889	0.05286845	1.00E-04
0	0	0.15599504	0.12730082	0.06935158	0.13651137	1.00E-04
0.004	0	0.72773066	0.57083512	0.69361629	0.88596955	0.42555486
0	0	1.00E-04	1.00E-04	1.00E-04	0.00775152	1.00E-04
0	0.004	0.97313092	0.83866899	1.27724954	1.45943364	1.27443827
0.02	0.016	1.18038926	1.24436284	0.90991116	0.99354431	1.0121419
0	0	0.01093047	0.0260702	0.0045257	0.01368756	1.00E-04
0	0	1.00E-04	0.0435752	0.02139866	0.0161642	1.00E-04
0	0	1.00E-04	1.00E-04	0.02398699	0.04086044	1.00E-04
0	0.004	1.00E-04	0.01335702	0.01976427	0.02342341	1.00E-04
0.044	0.025	2.22004598	2.34207244	2.08283568	2.45518576	2.04521797
0.004	0	0.11599753	0.19940925	0.18835258	0.17145665	0.04715504
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03120863	0.03687805	0.03258472	0.07344529	1.00E-04
0	0	0.37069272	0.33123618	0.2828765	0.39786224	0.12724094
0	0	0.08173799	0.0413442	0.04309501	0.05673181	0.08722224
0	0	0.02636586	0.06740201	0.06635707	0.075835	1.00E-04
0	0	1.00E-04	1.00E-04	0.00657366	0.01473587	1.00E-04
0	0	0.07867562	0.02767839	0.31064886	0.22817427	1.00E-04
0	0	0.02509544	0.0717604	0.03353424	0.02777178	0.05597923

0.008	0	0.01279119	0.0619316	0.06870592	0.07165116	0.07583547
0	0	1.00E-04	1.00E-04	0.0155861	0.01176017	1.00E-04
0.02	0.016	0.30473067	1.02604346	0.42578431	0.52454514	0.7001152
0.008	0	1.29714947	1.49433104	1.22370129	1.37743747	1.12660427
0.028	0.033	0.86157029	0.78638313	0.73338086	1.05105092	0.94914659
0.321	0.324	3.07324648	3.03384443	3.80860257	3.80173124	3.57897383
0	0.004	0.1922786	0.15254003	0.07761614	0.13714269	0.079105
0.008	0.004	0.55908079	0.5224433	0.38495463	0.45175251	1.13174961
0	0	0.04050374	0.07736511	0.04478652	0.07491747	1.00E-04
0	0	0.02972741	0.01651815	0.0160921	0.03574893	0.07952083
0	0	0.0259337	0.00373246	0.02382947	0.01559166	1.00E-04
0.032	0.029	0.12402512	0.08037707	0.07466802	0.10752641	0.24835397
0.024	0.025	0.01439145	0.02179498	0.01882028	0.01524297	0.63635899
0.063	0.033	3.10020877	2.95147742	2.41449918	2.76402501	2.76114126
0.004	0	0.04702775	0.0587655	0.04632847	0.09968602	0.14440722
0.012	0.004	1.06240123	0.98505018	0.98404448	1.24197485	1.31875824
0	0	0.53165807	0.41222032	0.56639971	0.59366571	0.0494997
0.004	0	0.24777729	0.3910668	0.25671726	0.48668262	0.08557854
0.02	0.02	1.19103653	0.95591609	1.68161041	1.71250741	1.45148292
0	0	0.04074362	0.07939776	0.15361516	0.13843359	0.14976759
0.008	0	0.12956872	0.17823567	0.18979411	0.27066051	0.15060292
0.024	0.02	0.35405317	0.51870693	0.66815591	0.84374192	0.32642366
0	0	0.05521979	0.14208145	0.128185	0.21104562	0.03604592
0.024	0.004	3.17166757	3.12204895	3.521164	3.52036623	3.3123306
0	0	1.00E-04	0.25633951	0.05554799	0.0562065	0.21931777
0.004	0.012	0.29242843	0.38809011	0.44490842	0.49985338	0.32502313
0	0.004	0.14705754	0.09178543	0.12665973	0.17010708	0.05612445
0	0	1.00E-04	1.00E-04	0.0020218	0.00469734	1.00E-04
0.016	0.012	1.06960572	1.42337142	1.0314712	1.24328985	1.61428444
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.1846635	0.19826702	0.25426868	0.28970042	0.04957768
0	0	0.14584018	0.03314178	0.08671308	0.17269649	1.00E-04
0	0	0.18227381	0.28586723	0.20012287	0.37343633	1.20311809
0	0	0.55459878	0.66206695	0.57438799	0.8088037	0.88990712
0.028	0.033	1.29123923	1.3528236	1.32480183	1.64859558	1.3089479
0.024	0.033	1.67196627	1.71380428	1.91171435	2.15459801	1.70558371
0.004	0.004	0.63362315	0.36381795	0.66964756	0.72463327	0.4927921
0.004	0.016	1.01294451	0.83539094	0.75755111	0.77761644	1.02126861
0	0	1.00E-04	1.00E-04	1.00E-04	0.00166687	1.00E-04
0	0	1.00E-04	0.08492871	0.06483068	0.07569905	0.04087983
0	0	1.00E-04	1.00E-04	0.00212681	0.00891848	1.00E-04
0.008	0.029	0.46300465	0.39731827	0.19906079	0.19046946	0.6976751
0.004	0.02	0.49163847	0.25674955	0.24668087	0.27048821	0.32726378

0.024	0.029	0.08556051	0.05030533	0.05185496	0.08443293	0.20115706
0	0	0.06362567	0.07763711	0.03989898	0.03220436	1.00E-04
0.012	0.004	0.6652888	0.7001892	1.02185317	1.12502266	1.34074923
0.012	0.012	0.70271182	0.75220729	0.63221758	0.79319792	0.78639893
0.008	0.004	0.16486282	0.22418039	0.25614311	0.33064997	0.21966854
0.103	0.119	2.89362669	2.93149922	3.37458598	3.33379687	2.83609317
0.016	0.025	1.43396064	1.27733607	1.15074665	1.64389953	1.52565986
0	0	0.1820925	0.36766409	0.25089098	0.35136496	1.00E-04
0	0	1.00E-04	0.00410074	0.00341687	0.01352568	1.00E-04
0	0	0.03499408	0.0036525	0.0118927	1.00E-04	1.00E-04
0.008	0	0.38536387	0.27822033	0.63832336	0.64855388	0.36177025
0.004	0	0.16778124	0.23873428	0.25845659	0.3551934	0.19515483
0	0	1.00E-04	1.00E-04	0.00733231	1.00E-04	1.00E-04
0.012	0.012	0.26126597	0.34983334	0.24047201	0.32888275	0.33983105
0	0	0.05747223	0.17738369	0.11118024	0.13016369	0.12616967
0	0	1.00E-04	0.06949688	0.04652188	0.02526766	1.00E-04
0.107	0.082	0.02224705	0.08835597	0.07833425	0.15835728	1.195942
0.024	0.008	0.08632291	0.07265715	0.07536143	0.12068292	0.37869564
0.012	0.025	0.4591843	0.41586987	0.46935309	0.68983611	0.39169719
0.016	0.016	0.15571069	0.16110859	0.40810692	0.34894096	0.81006113
0	0	1.00E-04	1.00E-04	1.00E-04	0.00209498	1.00E-04
0	0	0.10162866	0.16411552	0.11083771	0.15797853	0.18703222
0	0.004	0.04775787	0.10022084	0.06955284	0.12534954	0.0483757
0.044	0.012	2.14330514	2.11126061	1.73940147	1.96923204	1.93877294
0	0	0.11520136	0.0799622	0.11463391	0.17257862	0.05903162
0	0.012	0.3479896	0.37260489	0.32596791	0.48769497	0.62752072
0.02	0.016	1.36144242	1.50376812	1.79794044	1.90476224	1.56872448
0	0.004	0.25634367	0.35789165	0.42766953	0.49809074	0.54895177
0	0	0.10618527	0.09118186	0.09280125	0.14814117	0.05801993
0.008	0.004	0.26547336	0.46772855	0.45346615	0.50333277	0.53009261
0	0	0.00976585	0.05223188	0.04272782	0.07690605	1.00E-04
0	0	0.02715212	0.03466539	0.02892253	0.03746458	0.05390462
0	0	1.00E-04	1.00E-04	0.00301183	1.00E-04	1.00E-04
0	0.004	0.31162824	0.66927613	0.37215163	0.4327676	0.41122715
0	0	0.33231988	0.59926832	0.28440737	0.33106197	0.04807674
0	0	0.03031936	0.00906341	0.02757571	0.0211811	1.00E-04
0	0	0.20712305	0.46157205	0.19760614	0.25720179	0.6053573
0	0	1.00E-04	0.02485529	0.00681913	0.00952975	1.00E-04
0	0	0.0543208	0.05488979	0.03822522	0.07964505	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.2026941	0.28766642	0.24644183	0.42809752	0.37308691
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.45950494	0.43241475	0.1122004	0.20100376	0.65897176

0.087	0.07	2.70147031	2.65031618	2.42373846	2.81443061	2.61147895
0	0.004	0.28652147	0.25539028	0.23246996	0.29021875	0.27059462
0	0	0.0235962	0.00890565	0.01013664	0.01794738	1.00E-04
0	0	0.01604596	0.02358356	0.02451471	0.01875187	0.07039817
0	0	0.17914737	0.15280188	0.21906422	0.17860962	0.42155401
0	0	0.04983497	0.10701457	0.13558395	0.18588891	1.00E-04
0	0	0.02837068	0.02506873	0.05223949	0.042238	1.00E-04
0.012	0.008	1.00E-04	0.04496486	0.08193006	0.11687236	0.08597343
0	0	1.00E-04	1.00E-04	0.00385532	1.00E-04	1.00E-04
0.008	0.004	0.37563006	0.31820307	0.23016251	0.3694291	0.33712722
0	0	0.02411779	0.03085132	0.02738598	0.02490742	0.13303418
0	0	1.00E-04	0.03719285	1.00E-04	0.00374925	1.00E-04
0	0	0.01154804	0.10077444	0.01393676	0.05784129	1.00E-04
0	0	0.01258229	0.05352862	0.08067215	0.11144335	1.00E-04
0	0	1.00E-04	1.00E-04	0.00232113	1.00E-04	1.00E-04
0.004	0.004	0.56414032	0.65565046	0.82575354	0.94021062	0.41449056
0	0	0.33058468	0.75368976	0.28449556	0.25468784	0.65031623
0.012	0.012	0.74803586	0.68129012	1.09085719	1.21424059	0.84498119
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.06015885	0.03996658	0.02267742	0.05732988	1.00E-04
0.008	0.004	0.02710905	0.05352381	0.05331423	0.02836026	1.00E-04
0	0.004	0.12073436	0.08587056	0.04513545	0.08171007	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01429396	1.00E-04
0.008	0.004	0.39164626	0.4562484	0.1401187	0.2848305	0.2507644
0	0	1.00E-04	0.04377217	0.03363473	0.04330153	1.00E-04
0	0	0.08702541	0.14353645	0.08682854	0.08360755	0.0788412
0	0	1.00E-04	0.03726085	0.00369583	0.03274344	1.00E-04
0.004	0	0.23574995	0.14030762	0.21907599	0.38940875	0.47173084
0	0	0.01972286	0.01880437	0.01467726	0.05116062	0.04595937
0	0	1.00E-04	1.00E-04	0.00170048	0.00250194	1.00E-04
0.016	0	0.1052136	0.4352904	0.36749883	0.29589592	0.04657928
0.004	0.016	1.00703903	1.29221858	0.85920135	0.98945383	0.9868231
0	0	0.21451267	0.16008853	0.08614283	0.15468337	0.90521643
0.004	0	0.01611051	0.10757063	0.22678304	0.08246717	0.67175732
0	0.004	0.01500042	0.05780031	0.03544232	0.02763358	1.21561537
0	0.004	0.03044245	0.05054906	0.04821761	0.05924595	0.60048686
0	0	1.00E-04	1.00E-04	0.00446486	0.0074091	1.00E-04
0	0	0.0263925	0.01701103	0.09968151	0.05319545	0.0822421
0	0	0.07167455	0.03811626	0.03071785	0.01699866	1.00E-04
0	0	0.19619359	0.10337236	0.04515653	0.06562504	0.11190116
0.004	0	0.0112594	0.07107325	0.0294219	0.05150353	0.25438084
0	0.004	0.21209525	0.2116129	0.08236042	0.14724387	0.09562943
0.008	0.012	1.32385329	1.09774079	0.82297038	0.90139175	1.3776205

0.012	0.004	0.59837507	0.84197495	0.50027916	0.69994267	0.66144492
0	0	1.00E-04	1.00E-04	1.00E-04	0.00964425	1.00E-04
0.004	0.004	0.46012204	0.41027615	0.40048805	0.44363691	0.51618853
0	0	1.00E-04	0.01557099	0.01036321	0.01152341	1.00E-04
0.016	0	0.38896344	0.45578071	0.27320591	0.31887308	0.32950358
0	0.008	1.28457651	1.9104633	1.18198594	1.35011683	1.4945982
0	0.004	1.50084402	1.32888623	1.36215007	1.46894216	1.78541736
0	0	1.00E-04	1.00E-04	1.00E-04	0.00158811	1.00E-04
0.024	0.004	2.61410768	2.09219192	2.77533448	2.80488912	2.59913276
0.004	0.012	1.60616767	1.77338681	1.29211528	1.46165416	1.49041642
0.008	0.004	0.03846498	0.12396779	0.08213301	0.12925924	1.00E-04
0.04	0.045	3.70867548	3.89633224	3.07058103	3.4327224	3.54834738
0	0	1.00E-04	0.12097678	0.04913553	0.0013741	1.00E-04
0	0	1.00E-04	0.07321143	0.0460105	0.05168846	1.00E-04
0	0	0.45024276	0.33316128	0.26405299	0.26101517	0.30452957
0.036	0.057	2.12539743	2.11134034	2.49865821	2.60291276	1.94332906
0	0	1.00E-04	0.0274434	0.00961143	0.02671477	1.00E-04
0	0	1.00E-04	0.0192066	0.02976014	0.03257597	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00401608	1.00E-04	1.00E-04
0	0	0.4255637	0.75976355	0.71339417	0.70884391	0.36246196
0.004	0	2.71412381	2.9725412	2.81292525	2.80860783	2.31431107
0.008	0.008	0.65389609	0.55760882	0.34757589	0.5571622	1.02793161
0	0	1.00E-04	0.00531326	0.00820611	0.00661096	1.00E-04
0	0.004	0.75896224	1.14929375	0.97063148	0.83009705	0.92816288
0.012	0.004	1.01191681	0.85086115	0.59209202	0.57669693	1.08173774
0.004	0	0.45616569	0.55789247	0.59578314	0.44055515	0.72660812
0.004	0.004	2.91133111	3.31650492	3.04771205	3.25721847	4.52543825
0.075	0.066	2.29424842	2.20814761	2.20702744	2.35508665	2.55074583
0.063	0.127	2.71187588	2.59251123	2.8827364	3.02408193	2.52731976
0.02	0.008	1.09899301	1.19722982	0.8175546	1.17066947	1.07475921
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.06704686	0.03212099	0.06983012	1.00E-04
0	0	1.16406115	1.10573222	1.0514622	1.0886282	0.8236662
0	0	1.00E-04	0.01078733	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.03700485	1.00E-04	1.00E-04	1.00E-04
0	0.012	1.00E-04	0.03521643	0.04708539	0.0359702	1.00E-04
0	0	1.00E-04	0.00955164	0.01678756	0.00242601	1.00E-04
0.036	0.025	0.90406687	1.08109918	1.0340608	1.28692724	1.26804325
0	0	0.06649511	0.07220183	0.04277978	0.07175951	1.00E-04
0	0	1.00E-04	0.01417921	1.00E-04	0.0081476	1.00E-04
0	0	0.15179654	0.08731558	0.09262205	0.0649109	0.05010145
0	0	0.00769314	0.01660037	0.00323763	0.0077001	1.00E-04

0.004	0.004	0.13662378	0.28979642	0.08942448	0.17679793	0.37008058
0	0	1.00E-04	0.00496006	0.00566842	1.00E-04	1.00E-04
0.02	0.016	2.35247436	2.52586785	1.99419111	2.47661343	2.27199638
0.012	0.037	0.0093198	0.02072599	0.03906469	0.04301231	0.12187649
0	0	1.00E-04	0.05973458	0.05801624	0.04382358	1.00E-04
0.004	0.012	0.01164844	0.01850405	0.00303577	0.03345679	1.00E-04
0.024	0.02	0.73660741	0.74273372	1.16887266	1.21793562	0.51870907
0	0	1.00E-04	0.0317772	0.00272488	1.00E-04	1.00E-04
0	0	0.07766499	0.08696461	0.13416814	0.14490056	1.00E-04
0.214	0.201	3.26859583	3.42252683	3.00796348	3.34802719	3.20274682
0	0	0.35037022	0.376062	0.3274428	0.24538954	0.12218121
0	0	1.00E-04	0.00401166	0.00863093	0.02477429	0.06289851
0.008	0.004	0.68574383	0.77128752	0.75932329	0.81518067	0.81944475
0.008	0	0.04747577	0.17567434	0.15871792	0.22181597	0.08287728
0.004	0.004	0.01206933	0.0209537	0.02992788	0.02000798	1.00E-04
0.004	0.008	0.0409865	0.16596391	0.13228899	0.20389375	0.14037747
0.079	0.066	4.8445916	4.93471598	3.54060471	4.21402861	5.25468299
0.206	0.217	3.64236195	3.77046708	3.25766909	3.47744328	3.46592314
0	0	0.07519186	0.07382737	0.29856225	0.27901066	0.3656131
0	0	0.03881185	0.23758229	0.14585169	0.20689678	0.08950314
0.06	0.074	0.02325411	0.04817492	0.06700901	0.06051811	0.58872527
0	0.004	0.11676909	0.10061355	0.04022186	0.04218847	0.17148711
0	0.004	0.11832942	0.20252137	0.09886805	0.15090295	1.00E-04
0.004	0	1.1929764	1.30787159	1.03432534	1.14248119	1.76066743
0	0	1.00E-04	1.00E-04	0.02099044	0.00818719	1.00E-04
0	0	0.14806764	0.21278104	0.18621218	0.27203285	0.21167681
0	0	1.00E-04	0.01823186	0.01771208	0.00441422	1.00E-04
0.004	0	0.14920695	0.13774933	0.16256213	0.23487683	0.40572615
0.012	0.012	0.23952125	0.38917554	0.19775196	0.27943327	0.47164238
0.004	0	0.74177545	0.8240604	0.54162223	0.65858436	0.43940777
0	0	0.10298953	0.22016966	0.11781666	0.18606166	1.00E-04
0	0	1.00E-04	0.03056214	0.0262839	0.0363094	1.00E-04
0.004	0.004	2.49740652	2.40806799	2.20596887	2.54927599	1.60186305
0	0.004	1.00E-04	0.00990928	0.0022165	0.00125971	1.00E-04
0	0	0.03406136	0.04659399	0.0565877	0.06199882	1.00E-04
0.111	0.152	2.66169544	2.70166188	2.78088455	2.95251589	2.75864659
0.008	0.004	0.37271165	0.31545875	0.58180327	0.52461109	0.36548963
0.036	0.053	1.93684405	2.04119829	1.84979008	2.06803753	1.83509537
0	0	0.03052304	0.08972437	0.08796822	0.06262859	0.1008139
0	0	0.12348355	0.12456307	0.0677604	0.0629857	0.0470957
0	0.008	0.16178478	0.19086204	0.10293738	0.17511486	0.21339907
0	0	0.0531979	0.11411112	0.02594625	0.05885764	1.00E-04
0.016	0.02	2.15009511	2.27435452	1.81218565	2.14013783	2.084693

0	0	0.02765375	0.02671651	0.01863129	0.03299834	1.00E-04
0	0	1.00E-04	0.03736014	0.01361578	0.01211563	1.00E-04
0.19	0.234	0.2801743	0.24118347	0.21654598	0.3794053	0.24178426
0.036	0.045	2.44554229	2.62741521	2.25310447	2.37995536	2.44101557
0.012	0.004	4.08162926	4.27462807	4.17126942	4.30792385	3.36141939
0	0	0.01074104	0.01687818	0.01222965	0.01131734	0.03420398
0.02	0.025	1.24907853	1.58884511	1.98319339	1.95560352	1.76588549
0.02	0.025	1.46593578	1.76564944	1.3488115	1.35134635	1.55051423
0	0	0.04973006	0.08853337	0.07340194	0.10879374	0.03604592
0.004	0	0.23342885	0.08072029	0.0809377	0.13726945	0.20334244
0	0.004	1.00E-04	0.09592174	0.05597403	0.08614119	1.00E-04
0	0	1.00E-04	1.00E-04	0.00820639	0.00578953	1.00E-04
0	0	1.00E-04	1.00E-04	0.00259573	0.00558526	1.00E-04
0.036	0.008	2.23821407	2.12405695	2.25645863	2.34932712	1.96924381
0	0	1.00E-04	1.00E-04	0.01441166	0.00140794	1.00E-04
0	0	1.00E-04	0.00574562	0.00257427	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.02843514	0.00412805	1.00E-04
0	0	1.00E-04	0.00584986	0.0279098	0.05072982	0.07583547
0.004	0.004	2.71310188	2.69855496	2.79999607	2.54536508	2.27179576
0	0	0.0484701	0.02050318	0.03328651	0.02934606	1.00E-04
0	0	1.00E-04	0.01644672	0.06037807	0.0620736	1.00E-04
0.071	0.049	4.01006654	3.70656542	3.82884628	3.84691468	2.43909712
0	0	0.41757527	0.40105727	0.60193166	0.66471577	0.07884486
0.083	0.045	4.62472034	4.36087698	4.31446471	4.2272317	3.01168975
0.139	0.172	3.62133357	3.66669621	3.49270736	3.48207834	3.03659532
0	0	0.50208676	0.53243143	0.50446159	0.50614951	0.25854217
0	0	0.16009572	0.25454469	0.18299714	0.15126914	0.08427604
0	0	1.00E-04	1.00E-04	1.00E-04	0.00405403	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.14886672	0.15704522	0.12238954	0.14868753	0.17802693
0.008	0	0.32871801	0.43880211	0.36427389	0.34146625	0.08650439
0	0	1.00E-04	1.00E-04	0.00593702	0.00289018	1.00E-04
0	0.004	0.14543097	0.10836689	0.20252895	0.1417896	0.26373259
0	0	1.00E-04	1.00E-04	0.0045626	1.00E-04	1.00E-04
0.091	0.086	2.71495049	2.73198103	3.1264027	3.06065019	3.19625769
0.052	0.066	1.27538436	1.09609307	0.93448873	1.06272672	0.42618689
0.012	0.016	1.48714928	1.89289572	1.67997933	1.95847723	1.88815205
0.008	0.004	1.3091	1.22052261	1.33486724	1.36692478	0.96906373
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00579246	1.00E-04
0.012	0.004	0.56776604	0.61111898	0.96684671	0.93393732	0.81300022
0	0	0.77821648	0.79304782	0.57183707	0.72409332	0.78914348
0	0	0.22385654	0.32688904	0.16095257	0.27308699	0.30795714

0.02	0.025	2.05854807	2.15816342	1.79748757	2.03579752	1.91217657
0.04	0.033	2.68259764	2.23290386	3.03174666	2.96721564	2.7007502
0.024	0.012	0.69009064	0.92699585	0.96413943	1.29856212	1.39112223
0	0	1.00E-04	1.00E-04	1.00E-04	0.00692123	1.00E-04
0	0	1.00E-04	0.00486656	1.00E-04	0.0038733	1.00E-04
0	0	0.09847864	0.11411122	0.04434619	0.0858272	1.00E-04
0	0	0.05569446	0.02248702	0.00833156	0.01591818	0.16660551
0.071	0.094	2.37234791	2.40778809	2.0555415	2.29361531	2.42875609
0	0	1.00E-04	1.00E-04	0.00747171	0.00742315	1.00E-04
0.016	0.029	0.30712457	0.2565312	0.16406612	0.25121155	0.38371836
0	0	0.13058384	0.02945776	0.0912831	0.08250788	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00848299	1.00E-04
0	0	1.00E-04	1.00E-04	0.01579021	0.00850478	1.00E-04
0.008	0.008	0.72770788	0.55157684	0.29459871	0.43369351	0.44702817
0	0.004	0.00913409	0.11543575	0.03705917	0.0831007	0.06687532
0.008	0.016	0.07459102	0.08940675	0.06634572	0.11359525	0.1789361
0.04	0.049	1.40338063	1.45295497	1.31546994	1.60446883	1.51191586
0	0	0.06822026	0.02962607	0.01367188	0.02569755	1.00E-04
0.056	0.082	0.11329041	0.35778967	0.33807254	0.33648836	1.39208692
0.008	0.004	0.53477974	0.59420405	0.75778265	0.83414725	0.77932259
0	0	0.39248416	0.33370749	0.32184688	0.54347497	0.4923472
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.06168701	0.1657421	0.11889408	0.13592851	0.06723254
0.004	0.004	0.29156629	0.33595082	0.33649232	0.5243957	1.5731889
0.004	0	1.00E-04	0.01470668	0.01710329	0.00243935	1.00E-04
0	0	0.06163337	0.05993742	0.03462072	0.03089024	1.00E-04
0	0	0.01897128	0.01065834	0.01624233	0.01918627	1.00E-04
0	0	0.00770631	0.03421732	0.01358	0.01946818	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00433349	1.00E-04
0	0	1.00E-04	1.00E-04	0.01029498	0.01678316	0.22622376
0.036	0.041	1.9382082	1.64964124	1.5577106	1.70539334	2.07106526
0.008	0	1.2488382	1.70803698	1.44717619	1.27260562	1.12553006
0.02	0.029	0.2872198	0.40177813	0.17348954	0.26213438	0.68117908
0.008	0.008	4.19500098	4.00610716	3.58008854	3.30700487	1.17026026
0	0	0.79599985	0.64060332	0.91654632	0.92539073	0.75666624
0	0	1.00E-04	1.00E-04	1.00E-04	0.01475326	1.00E-04
0	0	1.00E-04	0.00288425	0.02400604	0.06018292	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.032	0.037	1.24162797	1.14259976	0.53640481	0.60665251	0.94246091
0.04	0.045	1.21382818	1.09143873	1.40907698	1.39536903	1.55725494
0	0	1.00E-04	0.02077069	0.00652681	0.01795117	1.00E-04
0	0	1.00E-04	0.01387949	0.01792614	0.01620606	1.00E-04

0	0.004	0.02347879	0.04229927	0.01432615	0.0166783	0.0373073
0	0	0.05175936	0.05444975	0.14515525	0.21589942	0.05079243
0	0	1.00E-04	0.00829619	1.00E-04	0.00423807	1.00E-04
0	0	0.11488437	0.10404356	0.19894887	0.30812433	0.11137012
0	0.004	0.03817961	0.01882748	0.03513975	0.0299734	0.15927074
0	0	1.00E-04	1.00E-04	1.00E-04	0.0034912	1.00E-04
0	0	1.00E-04	0.007949	1.00E-04	0.00662097	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.82224614	1.14313292	0.75846086	0.88058182	0.48563004
0.004	0.008	0.25732517	0.37352122	0.7456784	0.59675381	0.48961747
0	0	1.00E-04	1.00E-04	1.00E-04	0.00154632	1.00E-04
0.04	0.025	3.07503276	3.06147597	3.76107384	3.77338497	2.4472266
0	0	1.00E-04	1.00E-04	0.00153912	0.00689216	1.00E-04
0.008	0.012	0.56729412	0.74646856	0.55048151	0.61516579	0.73274952
0.052	0.041	5.13516528	4.49670394	5.18606023	4.89132515	5.29464485
0	0	0.18871953	0.22355252	0.34135491	0.36164858	0.37330527
0	0.016	0.13100736	0.18708544	0.1609397	0.20153375	0.16913451
0	0	0.07080313	0.03935367	0.24166428	0.18458871	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00383075	1.00E-04
0.012	0.008	0.32974891	0.1597917	0.44870038	0.45509854	0.30191513
0	0	1.00E-04	1.00E-04	0.00500739	1.00E-04	1.00E-04
0.02	0.012	2.12117128	1.99970973	1.85860609	2.26950997	3.00177105
0	0	0.01638652	0.12490163	0.03493471	0.06848585	1.00E-04
0.004	0.004	0.73633211	0.76646429	1.19501697	1.04850572	0.65225949
0	0	1.00E-04	0.00585402	0.02642083	1.00E-04	1.00E-04
0	0	1.00E-04	0.00490455	0.01350524	0.00488232	1.00E-04
0	0	0.01517532	0.11169796	0.06163604	0.11752528	1.00E-04
0.004	0	0.44530064	0.2494991	0.1966462	0.3038816	1.36940278
0	0	0.49558675	0.22267817	0.19628747	0.4147139	0.50452872
0	0.004	0.04214954	0.13736863	0.18066451	0.14690513	0.05723096
0	0	0.0209521	0.10118488	0.07092661	0.06734756	1.00E-04
0	0	0.03837738	0.09490056	0.0182465	0.0311349	0.58730431
0	0	0.01663485	0.12706936	0.08237409	0.11052809	1.00E-04
0	0	0.25533637	0.45277384	0.30473394	0.37908044	0.17141713
0.222	0.143	2.80707412	3.20673686	2.44470251	2.7442328	3.11775993
0.004	0.008	0.29831813	0.23414166	0.15689596	0.20062234	0.33132196
0	0	1.00E-04	0.00491057	0.00968101	0.00977193	1.00E-04
0	0	1.00E-04	1.00E-04	0.00317864	0.00277117	1.00E-04
0	0.004	0.93107301	1.51079966	0.57555677	0.64630398	0.27169911
0	0.004	1.00E-04	1.00E-04	0.00812955	0.01630062	1.00E-04
0	0	1.00E-04	1.00E-04	0.00212145	1.00E-04	1.00E-04
0	0	0.03231286	0.04784937	0.02102951	0.03691378	1.00E-04

0.004	0	1.00E-04	0.00556388	0.00113288	0.00297505	1.00E-04
0	0	0.13424403	0.20628114	0.140977	0.13960594	0.13647378
0	0	0.17978782	0.18740244	0.10868246	0.14575496	0.06224252
0.012	0.012	0.41799142	0.29846404	0.86097466	0.91785928	0.38985992
0	0	1.00E-04	1.00E-04	0.01110679	0.02014299	1.00E-04
0	0	1.00E-04	0.00685632	0.02650514	0.00736621	1.00E-04
0	0	0.15234786	0.11699392	0.13819057	0.08188775	0.10892193
0	0.004	0.61297424	0.62835217	0.93657572	1.01825953	0.68814165
0.004	0.004	0.41218546	0.3385041	0.39620435	0.4095342	0.50737935
0	0	1.00E-04	1.00E-04	0.00393236	0.00906458	1.00E-04
0	0	1.00E-04	0.00393922	1.00E-04	0.00627462	1.00E-04
0	0	1.00E-04	0.01909544	0.01171375	0.00695894	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00202846	1.00E-04
0.008	0	1.61629335	2.00285583	2.17426578	1.88214159	1.33095025
0	0	0.2134842	0.09478342	0.14439592	0.18495201	0.14068459
0.004	0	0.24385275	0.18777847	0.15640236	0.24484802	0.20743237
0.024	0.008	0.69860242	1.07189144	0.87559534	0.88908025	0.70870716
0	0	1.00E-04	0.01059023	0.01945984	0.01301525	1.00E-04
0	0	0.02787772	0.06086915	0.12084633	0.10209325	1.00E-04
0.04	0.061	2.04017242	2.13277137	2.22590748	2.42706412	2.58800959
0	0	0.07875962	0.10014158	0.05615978	0.10554035	0.47349992
0.004	0.004	0.85948059	0.80155546	1.19918628	0.91601645	0.7206604
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.09429422	0.10039126	0.24321114	0.18403013	0.08945657
0	0	0.0671068	0.05624498	0.07585221	0.07384425	0.07686911
0.008	0.004	0.98842765	0.97375502	1.31149827	1.4885574	0.99901528
0	0	1.00E-04	0.00540232	0.0035073	1.00E-04	1.00E-04
0	0	1.00E-04	0.00650545	0.00991149	0.00339899	1.00E-04
0	0	1.00E-04	0.00940315	1.00E-04	0.00432096	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.08916494	0.15543576	0.05591691	0.07895476	0.10043133
0.147	0.123	2.57389779	2.67505425	2.60622657	2.78573409	2.89989351
0	0.004	0.09744271	0.21525378	0.14850171	0.18533508	0.36920608
0	0	1.00E-04	0.01259149	0.04190834	0.02383785	1.00E-04
0	0	0.05559275	1.00E-04	0.00699143	1.00E-04	0.05194323
0	0	1.00E-04	1.00E-04	1.00E-04	0.00228568	1.00E-04
0.079	0.107	2.52909771	2.40215945	2.50669401	2.56825361	2.62480543
0.004	0	0.03304196	0.2942956	0.09656953	0.18253016	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00454874	1.00E-04
0	0	0.84114293	0.90034114	0.83674622	0.92458982	0.53205376
0.004	0	1.00E-04	0.00521699	0.01328809	0.00925471	1.00E-04
0	0	0.02397934	0.03004202	0.05693872	0.10479161	1.00E-04
0.008	0.004	1.53516738	0.97344894	1.37084919	1.27428043	1.76817986

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.74430912	0.62102107	0.636804	0.79380372	1.13612758
0.163	0.205	3.16688357	3.20271965	2.7723299	3.09264054	3.26876259
0	0.004	0.19395631	0.28715628	0.17981151	0.10556019	0.50344423
0.008	0.004	0.4578514	0.42472804	0.14846642	0.17082848	0.05377483
0	0	1.00E-04	0.01033103	0.0021291	0.00421408	1.00E-04
0	0	0.01373151	0.00334372	0.00931449	0.02456455	1.00E-04
0	0	1.00E-04	0.07533991	0.00307554	0.03471192	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.20798029	0.13909565	0.12083715	0.16166861	0.05612445
0.036	0.008	1.50427761	1.60612597	1.45268522	1.58394237	1.41161059
0.02	0.004	1.33838233	1.15536032	1.01761904	1.15143701	1.62517536
0	0	1.00E-04	0.0041436	1.00E-04	0.00464663	1.00E-04
0.313	0.303	4.38725105	4.52849394	4.99626914	4.88149518	4.6596392
0	0	1.00E-04	1.00E-04	0.00383723	0.00806224	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00703252	0.00794109	1.00E-04
0.04	0.02	1.64978611	1.60078407	2.18322047	2.17057635	1.87777085
0.048	0.111	2.55431106	3.14170465	3.7501701	3.32125003	2.82320702
0.448	0.492	4.10894304	3.90890686	5.12807388	5.00492283	4.51814702
0	0	0.45772474	0.28948466	0.3300085	0.5179502	0.76222814
0	0	0.06626397	0.05778786	0.13636592	0.13896245	0.07979688
0	0	1.00E-04	1.00E-04	0.01610127	0.00924089	1.00E-04
0	0	0.23986602	0.19718324	0.28973119	0.30214833	0.30025675
0.234	0.201	3.48682879	3.68413506	3.26356453	3.36702282	2.87401513
0	0.004	0.28608264	0.48884584	0.28920529	0.39971356	0.09781552
0	0	0.04795934	0.19944677	0.05735837	0.11085672	1.00E-04
0	0	0.50965953	0.57058988	0.26780987	0.36748418	0.67491275
0	0	1.00E-04	0.01037837	0.00320329	1.00E-04	1.00E-04
0.016	0.025	0.57067781	0.65127858	0.98379513	1.05372127	0.84453148
0.004	0	0.22111923	0.2234887	0.27372436	0.18430874	0.12273891
0.032	0.037	1.00E-04	0.00736643	0.01795015	0.00946478	1.00E-04
0.024	0.037	1.00E-04	1.00E-04	0.01116178	0.00497527	0.04263818
0	0	0.01949913	0.00729695	0.00659936	0.01002181	1.00E-04
0.024	0.008	0.69716807	0.89884189	0.5766911	0.62437493	0.78391996
0.02	0.02	0.44076383	0.60010465	0.44145387	0.41400983	0.45422796
0	0	0.10448331	0.24068798	0.15095043	0.10168455	0.04643402
0	0	0.0746906	0.099211	0.05739604	0.05776121	0.3717491
0.004	0.004	1.00E-04	0.08685503	0.08998971	0.09706041	0.04459191
0.004	0	0.07737844	0.17364047	0.13318756	0.13324602	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00648351	0.01771537	0.04095593	1.00E-04
0.012	0	0.59014217	0.71419409	0.82671056	0.69776426	0.35979585
0	0	0.10562823	0.074402	0.02220109	0.01739481	0.29769152

0.012	0.008	0.73617288	0.61076404	1.12202922	1.1885084	0.78351289
0	0	1.00E-04	0.02993487	0.04185327	0.05154208	1.00E-04
0	0	0.0100414	1.00E-04	0.0108729	0.01069249	1.00E-04
0.004	0.004	1.63491166	1.40370588	1.66812877	1.8785501	1.36901315
0.004	0.008	0.62313251	0.7336222	0.72252261	0.78072717	0.74775854
0.008	0.02	0.19109794	0.31474797	0.44840995	0.73789922	0.41904435
0	0	1.00E-04	0.04430936	0.02416058	0.03751497	1.00E-04
0	0	0.14286774	0.17486138	0.12080051	0.25319815	0.08475447
0	0.008	0.30895077	0.42520054	0.15232075	0.17300023	0.5440022
0	0	0.13349733	0.28173469	0.09063786	0.06758865	0.29172471
0.004	0.004	0.63875389	0.58867504	0.56048838	0.70166453	0.69098186
0	0	0.04619152	0.1146697	0.03532848	0.05261423	0.15539895
0.052	0.049	1.96369897	2.26754951	2.63836992	2.36373712	2.80032875
0.103	0.082	2.40716225	2.60810318	2.75755441	2.61455392	2.78068882
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.01430277	0.01019192	0.01008558	0.01862641	1.00E-04
0	0	0.04231314	0.16542151	0.05131362	0.08517981	0.23006386
0.016	0.012	1.13446544	1.27123629	0.90616381	1.08761577	1.20171996
0	0	1.00E-04	1.00E-04	0.00263951	0.01067551	1.00E-04
0.012	0.016	0.11239033	0.08494457	0.11308928	0.1271856	0.04768275
0.016	0.008	0.00824898	0.024851	0.00470309	0.02774904	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.02211288	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00182315	1.00E-04
0	0	1.00E-04	0.11323588	0.09761194	0.0407271	1.00E-04
0	0	1.00E-04	0.0116092	0.06316362	0.04183554	1.00E-04
0	0	0.26845826	0.63310199	0.90713955	0.36270604	0.74655551
0.004	0.008	1.56861862	1.40965635	1.86297039	1.72947387	1.85750601
0	0	1.00E-04	1.00E-04	0.00191893	0.0025711	1.00E-04
0	0	1.00E-04	0.01456885	0.00194644	0.02147704	1.00E-04
0.004	0	1.00E-04	0.04485574	0.03699147	0.03068224	1.00E-04
0	0	1.08744164	1.21895233	0.66150095	0.84083475	0.36053876
0	0	1.00E-04	0.0113704	0.0316545	0.00862635	1.00E-04
0.012	0.012	0.31354911	0.53865211	0.25435329	0.46615546	0.44422399
0	0	1.00E-04	0.02479097	0.00819632	0.02116947	1.00E-04
0.004	0.008	0.10178888	0.11723913	0.17702885	0.1279023	1.00E-04
0	0	0.25807885	0.03702833	0.01035824	0.02327472	1.00E-04
0.008	0.02	1.04624638	0.99007609	0.95451466	0.98102686	1.47987488
0	0.004	0.11770626	0.61355837	0.25406481	0.26338244	0.47276495
0	0	0.24368042	0.13891294	0.34449183	0.37794353	0.33291442
0	0	1.00E-04	1.00E-04	1.00E-04	0.00211172	1.00E-04
0.016	0.016	1.41520721	1.41361512	1.90427818	1.92367953	1.60991937
0	0	0.15179035	0.14093176	0.09633761	0.13138719	0.05174911
0	0	0.24081224	0.13934422	0.18689145	0.16922894	0.04110431

0	0.008	0.3084269	0.50198305	0.35335179	0.44077769	0.32406113
0	0	1.00E-04	0.05386426	0.01211521	0.06290759	1.00E-04
0.004	0	1.00E-04	0.01468613	0.01446233	0.02123555	1.00E-04
0	0	1.00E-04	1.00E-04	0.00588865	1.00E-04	1.00E-04
0.016	0.008	0.28908945	0.51366074	0.97721196	0.88422831	1.66223567
0	0.004	0.3857136	0.48483111	0.49679099	0.49541074	0.29931109
0	0	0.05569571	1.00E-04	0.01692686	0.01751306	0.03017846
0	0	0.00824936	1.00E-04	0.03387878	0.03963261	1.00E-04
0.016	0.016	1.76042536	1.8021732	1.3856395	1.70311999	1.69733807
0	0.008	0.47408269	0.66556088	0.57603446	0.62622928	0.56355016
0	0	1.00E-04	0.0272364	0.01237092	0.01358673	1.00E-04
0.048	0.033	1.20910021	1.06190151	1.09392599	1.23537536	1.45466515
0	0.004	2.00370403	1.76949007	1.18951247	1.34413139	1.2553871
0.004	0	0.04268634	0.03906599	0.04300161	0.06480643	0.06468513
0.028	0.025	1.86620733	1.97444522	2.15895742	2.39101433	1.58559496
0	0	0.16297033	0.15748097	0.29641196	0.34669728	0.1805339
0.004	0	0.06437724	0.04124217	0.02080217	0.03050086	1.00E-04
0	0.004	0.01107699	0.01504333	0.05246394	0.0630503	1.00E-04
0	0	0.05664082	0.1144942	0.03827586	0.08845686	1.00E-04
0	0.012	0.13091536	0.16610395	0.20079897	0.19710994	0.09727793
0	0.004	1.00E-04	0.05266932	0.02471466	0.03360266	0.125161
0.028	0.012	2.34030018	2.34272611	2.99718963	3.02287063	2.55503585
0	0	1.00E-04	1.00E-04	1.00E-04	0.00368388	1.00E-04
0	0	0.0160255	0.05883241	0.04388886	0.07189637	1.00E-04
0.214	0.143	0.23103656	0.31934876	0.35939075	0.36214966	0.07046805
0.008	0	0.11882982	0.28181199	0.1889446	0.20054309	0.04807674
0	0	1.00E-04	0.05524402	0.10957224	0.04502748	1.00E-04
0	0.004	0.48145716	0.18619692	0.12902967	0.16777487	0.20958713
0	0	0.03683233	0.03406015	0.01006904	0.04581355	0.11447276
0	0	0.13692711	0.10939527	0.07108583	0.15063337	0.03511104
0	0.004	0.55991441	0.87995024	0.53729231	0.44118037	0.55373351
0	0	1.00E-04	1.00E-04	0.00478419	1.00E-04	1.00E-04
0	0	0.11564723	0.14658307	0.04885275	0.13625467	0.18735701
0	0	0.02879037	0.03276665	0.20772915	0.14229914	0.06468513
0.024	0.025	1.94825923	2.10674019	1.91048278	2.28952002	2.22426556
0	0	0.03458336	0.05867564	0.03418945	0.0412406	0.0539929
0	0	0.26058552	0.31665775	0.33630589	0.43889245	0.43998483
0.012	0.016	0.61041658	0.7242416	0.94647281	0.81198179	0.70642189
0.028	0.049	1.13222347	1.36939793	1.65546603	1.56131718	1.48578392
0.028	0.025	1.68056198	2.57735145	0.95453959	1.33006643	1.6949692
0	0	1.00E-04	0.00596766	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02554011	0.01593567	0.01379896	1.00E-04
0.008	0.004	0.03154885	0.08545214	0.07192412	0.08702122	0.08499945

0	0	0.02657871	0.04299973	0.03194502	0.05921936	1.00E-04
0	0	0.03154047	0.15273224	0.07900608	0.07630805	1.00E-04
0	0	0.14683172	0.21770826	0.18748431	0.23220241	0.0981659
0.004	0	0.03346945	0.08373302	0.109039	0.0840898	0.42072117
0	0	0.13989559	0.10168577	0.20454868	0.27157045	0.12059629
0.004	0	0.4609098	0.63269274	0.51117192	0.6373825	0.93788689
0	0	0.01962011	0.01930436	0.0420005	0.03576067	1.00E-04
0	0	0.01882234	0.21189145	0.06851394	0.07451419	1.00E-04
0	0	0.02319076	0.05648102	0.04645035	0.04279614	1.00E-04
0	0	0.00778767	0.01135941	0.01298362	0.00320131	0.11520674
0.008	0.025	0.5861646	0.56653615	0.6757055	0.80624946	0.90975574
0.099	0.094	0.74619092	0.88190836	0.83240246	1.0638393	1.64799004
0	0	0.10295451	0.13660852	0.08888876	0.11510063	0.07212181
0	0	0.06517191	0.21325486	0.17464353	0.15102146	1.00E-04
0	0	1.00E-04	0.03144137	0.02154686	0.02193567	1.00E-04
0.004	0.004	0.28175314	0.14485786	0.15289641	0.24710865	0.22098724
0	0	0.01524898	0.12060675	0.04093426	0.09762283	1.00E-04
0.008	0.016	0.23463321	0.16725741	0.42549178	0.37260715	0.5006431
0	0	1.00E-04	0.02478875	0.00796179	0.04037483	0.11123326
0.036	0.037	1.28897715	1.41579075	1.39497059	1.37607113	1.57097226
0	0	1.00E-04	0.01614515	0.00846966	0.0076574	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.27001715	0.34676919	0.15225418	0.19616151	0.12831585
0.012	0	0.38934466	0.31182096	0.14153641	0.24937404	0.11243547
0	0	1.00E-04	0.02217279	0.01267068	0.0354865	1.00E-04
0.044	0.053	1.62457785	1.88003486	1.84506423	1.67909864	1.73063108
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.008	0.21492527	0.16461275	0.20626449	0.13684301	0.14193286
0	0	1.00E-04	0.00434337	0.00540862	1.00E-04	1.00E-04
0.187	0.201	0.30734774	0.42450862	0.20509075	0.3277631	1.84877535
0	0	1.00E-04	0.01069195	1.00E-04	0.01676747	1.00E-04
0.008	0.025	1.24315198	1.95336154	1.19092287	1.59511254	0.76477511
0	0	1.00E-04	0.03855521	0.01419904	0.03361217	1.00E-04
0	0.008	0.02722323	0.25767057	0.14658598	0.15677241	0.08719476
0.024	0.016	0.24710879	0.24723384	0.28342916	0.35646986	0.55959777
0.004	0	0.2248387	0.09903887	0.03654438	0.01873618	1.00E-04
0.008	0.004	0.26996555	0.13418271	0.17369582	0.30059388	0.34598281
0	0.008	1.14476911	1.08378501	1.25782521	1.37106354	1.31354629
0	0	0.23867405	0.19426868	0.07905928	0.18380251	0.23342652
0.016	0.008	0.71361546	0.71497931	0.55938518	0.55582777	0.46488846
0	0.004	0.04634129	0.09635538	0.03392291	0.03230803	0.10618824
0.02	0	2.46109436	1.83415958	3.18248284	3.27112196	1.41738545
0.25	0.078	4.55219704	4.34192614	5.96121203	5.54026988	4.11320821

0.016	0.029	1.97449759	2.0115443	2.06002711	2.28053955	1.4769186
0	0	0.00819058	0.02052703	0.00655254	0.03382347	1.00E-04
0.028	0.012	1.99336192	2.19419817	2.67938838	2.39404741	2.29193977
0.02	0.004	0.66487024	0.49178952	0.81701904	0.70431601	1.28070631
0.004	0.004	1.73580843	2.07809227	1.44165403	1.61255794	1.36461531
0	0	0.10954505	0.30058197	0.33298836	0.39690458	1.00E-04
0	0	0.05536873	0.04702045	0.04190741	0.06808461	1.00E-04
0.004	0	0.05346023	0.25228698	0.09967564	0.10333418	1.00E-04
0	0	0.07539287	0.02326866	0.01494851	0.00557666	1.00E-04
0.024	0.02	1.37246361	1.88242602	0.97501036	1.30953036	1.61792419
0	0.004	0.16809056	0.28996294	0.06890354	0.12748927	0.24252284
0.004	0	0.23267594	0.34039555	0.09406075	0.17128783	0.14049218
0	0	0.00891359	0.01182799	0.0164546	0.02296226	1.00E-04
0	0	0.16706685	0.13780925	0.21805859	0.21186932	0.38706157
0.004	0	0.0097992	0.07311802	0.0528973	0.10929196	0.23791808
0	0	1.00E-04	1.00E-04	0.02293741	0.04298727	0.07789652
0	0	0.32863739	0.44832299	0.5678823	0.69305374	0.21147896
0.008	0	0.09458341	0.17269145	0.29872893	0.32206221	0.09194197
0.004	0.004	1.00E-04	0.08131531	0.04346255	0.07367955	1.00E-04
0.032	0.016	0.63052461	0.29612104	0.3078275	0.26597378	0.05187124
0	0	1.00E-04	0.02953479	0.04570713	0.06231223	0.25441662
0	0	0.19745908	0.29127689	0.45580323	0.40358671	0.7187223
0.004	0.012	0.5444434	0.80165501	0.48161133	0.75907704	0.81749876
0.004	0.004	0.65119692	0.79001383	0.95577454	1.06248263	0.77032144
0	0.004	0.3640028	0.38836253	0.2158202	0.26377781	0.08876195
0.044	0.037	1.78114129	2.0386527	2.00191679	2.07165096	1.55557699
0	0	1.00E-04	1.00E-04	1.00E-04	0.00493431	1.00E-04
0	0	1.00E-04	0.02493893	0.05259031	0.01838853	1.00E-04
0	0.004	1.00E-04	0.01956585	0.01818508	0.02228377	1.00E-04
0.008	0.004	0.09292853	0.14329208	0.06468471	0.07862828	0.08287728
0.004	0	0.39413186	0.42541755	0.42222224	0.55802569	0.59052401
0.036	0.029	1.93193867	1.98822895	2.47036811	2.52406132	2.07447347
0.004	0.004	0.87487235	0.72399366	0.70477753	0.99834769	1.24051204
0.04	0.082	2.52807024	2.55723071	2.74355287	2.91854835	3.3517563
0	0	0.13285874	0.05255935	0.05623124	0.05711224	0.0790215
0	0	1.00E-04	1.00E-04	0.00863362	0.00402539	1.00E-04
0.048	0.074	0.00899055	0.04793846	0.02562329	0.02537894	0.1226681
0	0.004	0.04877761	0.10894176	0.08534747	0.09800003	1.00E-04
0	0	1.00E-04	0.01354073	0.00830138	0.00798416	1.00E-04
0.024	0.037	0.6971434	0.65257584	1.09174764	1.18531493	1.26141996
0	0	1.00E-04	1.00E-04	0.02980942	1.00E-04	1.00E-04
0.012	0.008	0.87857152	1.01956956	1.03519999	0.95011443	0.86128735
0	0	1.00E-04	1.00E-04	0.01036568	1.00E-04	1.00E-04

0	0	0.08240562	0.15359009	0.31553931	0.35568766	0.45845927
0	0	0.06042645	0.07562258	0.02049595	0.07203509	1.00E-04
0.028	0.029	1.90211004	2.07542482	1.62703435	2.02734516	1.97203474
0.008	0.004	1.38063637	1.56138652	1.194654	1.35941852	1.41650196
0.008	0.016	0.81216464	0.70615613	0.78289985	0.89061738	0.67188481
0.004	0.012	0.52127881	0.51508756	0.91662205	0.92739191	0.7162069
0	0	0.10866199	0.17471823	0.0549014	0.07226642	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.008	2.10183863	2.17410639	2.00195979	2.36114345	1.05405151
0	0	0.28925006	0.40664039	0.68792718	0.45835865	0.30928111
0.02	0.008	2.25181989	2.22991083	2.0421425	2.22634114	2.85645691
0	0	1.00E-04	0.01272508	0.01740657	0.00552314	1.00E-04
0.004	0.012	0.06960262	0.15652355	0.09821353	0.05018621	1.00E-04
0	0.004	0.16619249	0.18856277	0.32155627	0.40452549	0.21210564
0	0	0.01178899	0.120226	0.0898994	0.1432595	1.00E-04
0.04	0.045	1.46638092	1.85240412	1.87493876	1.89278379	1.79161715
0	0	0.17055661	0.07504292	0.0694903	0.0236391	0.0481989
0	0	0.10294983	0.09348801	0.07175669	0.07036408	0.15238469
0	0	1.00E-04	0.03775618	0.01044643	0.01558378	0.13189236
0.008	0.008	0.50417442	0.59470088	1.18073543	1.18490797	0.75067365
0	0	0.07456046	0.07499249	0.21414534	0.17887644	1.00E-04
0.044	0.074	2.79128271	3.24548907	2.44109681	2.77028704	2.40983814
0	0.004	1.18756289	1.45782172	0.63615807	0.86479659	0.21396651
0	0	1.00E-04	0.01539776	1.00E-04	0.00279593	1.00E-04
0	0	1.00E-04	1.00E-04	0.00565084	0.00996791	1.00E-04
0.036	0.066	1.89441243	2.08569479	2.4268993	2.53871371	2.00122609
0	0.004	0.76598891	0.81260764	0.48968683	0.61852179	0.79349213
0.032	0.008	4.34260978	4.34227822	3.68808236	3.95842993	2.88946183
0	0	1.79878024	1.73747704	1.30162329	1.67539299	0.87720197
0	0	0.30989114	0.36124939	0.18586278	0.23163703	0.12732757
0	0	0.04320126	0.12652939	0.05642547	0.04791628	1.00E-04
0	0	0.09809903	0.04481051	0.12343666	0.12441074	1.00E-04
0	0	1.00E-04	1.00E-04	0.01119818	0.01999802	1.00E-04
0.008	0.008	0.60555686	0.55833503	0.81239459	0.62099447	1.11437115
0.004	0	0.93323096	0.82152496	0.72357812	0.89574914	0.63307434
0	0	0.10494345	0.035259	0.05594296	0.08928904	1.00E-04
0	0	1.00E-04	0.02552416	0.01775349	0.02169111	0.03010564
0.048	0.041	2.11880789	2.908485	1.81161473	1.96774478	2.02151719
0	0	0.04192174	1.00E-04	0.01264083	0.02527771	1.00E-04
0	0	0.28044781	0.22249523	0.31718451	0.35406094	0.07494828
0	0	1.00E-04	0.00658998	0.01851698	0.01512468	1.00E-04
0.004	0	1.69481114	1.33656473	1.18161853	1.02722171	2.00263507
0	0	1.00E-04	0.01191748	0.01185246	0.02552492	1.00E-04

0	0	1.00E-04	0.00893284	0.05083603	0.01711111	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.00733769	1.00E-04	1.00E-04
0	0	1.00E-04	0.01070475	1.00E-04	0.00507898	1.00E-04
0	0	0.13443996	0.07264891	0.02204518	0.04061034	0.28660521
0	0	0.13225811	0.12873451	0.14734822	0.12833694	1.00E-04
0	0	1.00E-04	1.00E-04	0.01053625	0.00467383	1.00E-04
0.008	0.004	0.22303603	0.31705954	0.52990045	0.52477502	0.40066548
0	0	1.00E-04	0.0352273	0.02890518	0.01933114	1.00E-04
0	0	1.00E-04	0.02130838	0.01436238	0.0104614	1.00E-04
0.016	0.029	0.69027704	0.89783273	0.97609197	1.15531677	1.01683095
0	0	0.03480804	0.07870246	0.03087406	0.05709307	1.00E-04
0	0	0.16329392	0.11624213	0.11445172	0.17654936	1.00E-04
0	0	0.02712368	0.04107799	0.04074552	0.02061553	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00265392	1.00E-04
0	0	1.00E-04	1.00E-04	0.01006495	1.00E-04	1.00E-04
0	0	1.00E-04	0.00197885	0.00537812	1.00E-04	1.00E-04
0.008	0	0.74257855	0.63005287	0.34075172	0.50551274	0.87132758
0	0	0.42879192	0.20902223	0.3047934	0.22237883	0.48122826
0	0	0.31941471	0.26982364	0.3445079	0.32598441	0.44359822
0	0	1.00E-04	0.00318155	1.00E-04	1.00E-04	1.00E-04
0.008	0.012	1.17290426	1.43192676	1.14914837	1.20774111	1.25729048
0.008	0.008	0.46651906	0.54179216	0.3827518	0.59295219	0.2982436
0	0	0.06110593	0.01480506	0.03076497	0.05988487	1.00E-04
0	0	1.00E-04	0.02383705	0.00204782	0.00415062	1.00E-04
0.008	0	0.72054524	0.57417395	0.71361734	0.973075	1.11886664
0	0	1.00E-04	1.00E-04	0.00168107	0.00178276	1.00E-04
0.099	0.102	2.0733566	2.01879396	1.78519561	2.23586654	2.09503624
0	0	1.00E-04	0.01840984	0.01507393	0.01900586	1.00E-04
0	0	1.00E-04	0.06673504	0.00286111	1.00E-04	1.00E-04
0	0	1.00E-04	0.0321045	0.01775949	0.04016939	1.00E-04
0.004	0.016	0.34507782	0.32306735	0.29507274	0.35074631	0.46140583
0	0	1.00E-04	0.03257038	0.0202359	0.02406759	1.00E-04
0.004	0.004	0.65663763	0.51942558	0.68407687	0.70862667	0.8939999
0	0	0.17460316	0.24184945	0.18727424	0.23483979	0.2825632
0	0	0.00965946	0.06145471	0.01092035	0.02262456	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00242018	1.00E-04
0	0	1.00E-04	1.00E-04	0.00770577	1.00E-04	1.00E-04
0	0	1.00E-04	0.00850307	0.00510373	0.00857933	1.00E-04
0	0	1.00E-04	0.00947583	1.00E-04	1.00E-04	1.00E-04
0.095	0.143	2.27459116	2.45145753	2.78153177	2.91026499	2.62129755
0.044	0.078	2.25810561	2.33428391	2.36604161	2.60448645	2.53496535
0	0	0.20917502	0.13082419	0.06852367	0.06014256	0.45388537
0.004	0	0.73118873	0.96886383	1.84279187	1.47215216	1.13029864

0.008	0	0.37895617	0.33010496	0.8115829	0.73772484	0.35883004
0	0	1.00E-04	0.00749513	1.00E-04	0.00581898	1.00E-04
0	0	0.06401669	0.11996754	0.0402861	0.04569272	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00167803	1.00E-04
0	0	0.10332719	0.02602092	0.00860863	0.01163595	1.00E-04
0	0	0.03749651	0.05952924	0.05308336	0.11478557	0.14442776
0.02	0.004	1.21767597	1.78932835	2.42997294	1.61677589	1.96533609
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.024	0.008	1.00E-04	1.00E-04	0.01948477	0.00141028	1.00E-04
0.008	0.012	1.00E-04	1.00E-04	0.0059723	1.00E-04	1.00E-04
0	0	0.01522795	0.02279865	0.01636228	0.00479943	1.00E-04
0	0	0.02384303	0.04478177	0.04892736	0.06555072	1.00E-04
0.02	0.057	2.60043362	2.83337276	1.98654426	2.17887198	2.36078983
0	0.004	0.05878794	0.04096385	0.05052549	0.04777157	1.00E-04
0	0	1.00E-04	0.01769672	1.00E-04	0.00683195	1.00E-04
0	0	1.00E-04	0.01073279	0.01860585	0.01493632	1.00E-04
0	0	0.00762425	0.0340728	0.14408967	0.18951241	1.00E-04
0	0.004	0.26687323	0.34923121	0.19530128	0.31567552	0.22346557
0.012	0.004	0.80018072	0.73839814	0.79007313	0.88747581	0.52751204
0	0	0.91605445	0.32862623	0.24249841	0.21246285	1.00E-04
0	0.004	1.09769026	0.98773827	0.87983016	1.10355181	0.73111302
0	0	1.00E-04	0.02159611	0.00819296	0.00899639	1.00E-04
0	0	2.3934991	3.34508049	1.91857944	2.09196774	1.96619083
0	0	0.00985565	0.03580369	0.03841978	0.05839185	1.00E-04
0.004	0.004	0.18482401	0.31251029	0.33922219	0.4099718	0.16203813
0	0	0.12989599	0.13862712	0.08123812	0.07444507	0.04459191
0	0	1.00E-04	0.09745776	0.01163133	1.00E-04	1.00E-04
0	0	1.00E-04	0.00630789	0.01022672	1.00E-04	1.00E-04
0.008	0.02	1.42178889	1.46012747	1.24843692	1.60314353	1.44511039
0.044	0.07	1.09969364	0.88057548	1.35524632	1.37671453	0.93129689
0	0	1.00E-04	1.00E-04	1.00E-04	0.00987648	1.00E-04
0.008	0	0.27811206	0.45007788	0.50834162	0.53790423	0.88856774
0	0	0.02572483	0.01616945	0.01696623	0.02802232	1.00E-04
0	0.012	0.50703013	0.87673546	1.29428141	0.93148177	1.00862291
0	0	1.00E-04	0.01142586	0.00709595	1.00E-04	1.00E-04
0	0	1.00E-04	0.05763673	0.01005248	0.05539062	1.00E-04
0	0	1.00E-04	1.00E-04	0.00402384	0.01197764	1.00E-04
0	0	1.00E-04	1.00E-04	0.00585031	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00183473	0.00259937	1.00E-04
0	0	0.12621322	0.14645509	0.15107876	0.14459913	0.13877631
0.02	0.033	1.59830353	1.77187751	1.98759448	2.04490246	1.67766493
0	0	1.00E-04	0.02465676	0.02156538	0.0016432	1.00E-04
0.012	0.008	0.19482532	0.36031966	0.15626508	0.18163986	0.25827205

0	0.004	0.17375909	0.13735646	0.5436832	0.37854773	0.24887818
0	0	1.00E-04	0.03423383	0.01150908	0.06393973	1.00E-04
0	0	0.05123573	0.11943493	0.16800124	0.21356455	0.04116662
0.004	0	0.254546	0.25468128	0.09395962	0.10648997	0.04643402
0	0	0.02907002	0.03913497	0.04268229	0.03158093	1.00E-04
0.044	0.029	1.47635335	1.57370035	1.70992391	1.93116143	1.77817068
0	0	0.03035643	0.07040836	0.03206037	0.09873404	1.00E-04
0	0	1.00E-04	0.01792972	0.00611231	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01291767	1.00E-04
0.02	0.016	3.04754345	3.22877396	2.32162521	2.71210517	2.45006229
0	0	1.00E-04	0.04655561	0.01404999	0.02222243	1.00E-04
0.008	0.004	1.1300731	1.19145993	1.31766623	1.3953599	1.09777582
0.008	0	1.02388035	1.24934039	1.01355556	1.10295593	0.89829847
0.016	0.004	3.32047231	3.63559627	4.03568714	4.0697764	3.19671273
0	0.004	0.2066721	0.21272533	0.53676479	0.44812158	0.47034274
0	0	0.02547324	0.05033365	0.02221194	0.04135882	1.00E-04
0	0	0.04759399	0.07573167	0.07313303	0.11524464	1.00E-04
0	0	0.01131498	0.05657937	0.02622218	0.06023995	1.00E-04
0.004	0.02	1.24652836	1.24398065	1.13076032	1.55518912	1.46220674
0	0	1.00E-04	1.00E-04	1.00E-04	0.00165342	1.00E-04
0.004	0	0.09701869	0.07498996	0.0319172	0.03968321	1.00E-04
0.02	0.016	1.84471452	2.12243008	2.48296816	2.33111142	2.00435373
0	0	1.00E-04	0.03854912	0.04404976	0.0610028	1.00E-04
0	0	1.00E-04	0.04481893	1.00E-04	1.00E-04	1.00E-04
0	0	0.01263026	0.13640062	0.08336115	0.11235076	0.06611843
0.004	0.008	0.01307058	0.0468334	0.07636334	0.07594409	0.14018021
0	0	1.00E-04	1.00E-04	1.00E-04	0.00294702	1.00E-04
0	0	0.12101645	0.2153457	0.14986133	0.222073	0.31708405
0.004	0	0.07622904	0.05271506	0.04635784	0.08810414	1.00E-04
0	0	0.04256113	0.03882955	0.03492526	0.04762161	0.15934419
0	0.004	0.01818097	0.04339082	0.02045347	0.021942	1.00E-04
0.048	0.078	1.59024658	1.72818674	1.42929854	1.76252442	1.78467253
0	0	1.00E-04	0.03522359	0.03047952	0.03225377	1.00E-04
0.004	0.004	0.49604126	0.37442806	0.57496628	0.59641129	0.58782637
0	0	0.04816788	0.10993418	0.07874728	0.08780483	1.00E-04
0	0	0.38259761	0.46031712	0.22615174	0.24875318	0.39548112
0	0	1.00E-04	1.00E-04	1.00E-04	0.01780353	1.00E-04
0	0	1.00E-04	0.04066747	0.04054355	0.04965628	1.00E-04
0.008	0.004	1.36816228	1.52440282	1.39906698	1.60002806	1.9121749
0	0.004	0.88551213	1.05566506	0.97361573	1.15652002	1.17379352
0.016	0.008	0.30803093	0.31815759	0.21291995	0.25526587	0.53145841
0	0	0.11943607	0.08531734	0.05087623	0.08782655	0.04404727
0	0	1.00E-04	1.00E-04	1.00E-04	0.00307094	0.03148474

0	0	1.00E-04	1.00E-04	0.00225196	0.00329813	1.00E-04
0	0	1.00E-04	0.01519293	0.00446854	1.00E-04	1.00E-04
0.048	0.033	1.5419186	1.66157812	1.79193896	1.78288798	1.81222367
0	0	0.03178247	0.04226321	0.07655872	0.12240966	0.34256482
0	0	1.00E-04	0.00500228	0.05031407	0.02268167	1.00E-04
0	0	0.14688823	0.21282485	0.09767665	0.19723307	0.18862213
0.004	0	0.05855923	0.04901207	0.0505528	0.07112829	0.17151926
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.07881294	0.09247347	0.11799002	0.11449945	1.00E-04
0	0	0.08874196	0.08008797	0.02902269	0.02829426	1.00E-04
0	0	0.03087623	0.02357009	0.04086761	0.05184723	0.05978092
0.004	0	0.7560967	0.97610679	0.98009757	1.07306804	0.3049435
0.016	0.02	2.22211772	2.17354372	1.64905893	1.83273894	1.92203649
0	0	0.44769681	0.72022389	0.58282689	0.50055404	0.04018237
0.067	0.033	3.11147846	3.17472532	2.0777079	2.01292715	3.11814409
0	0.004	0.53052021	0.71606646	0.39897713	0.62455337	0.98581341
0.004	0	0.02837029	0.23734218	0.07742218	0.11158325	0.59681005
0	0	0.02503745	0.00804664	0.00999203	0.01567641	1.00E-04
0.004	0.004	0.04931654	0.05662254	0.24321839	0.22706464	0.04869037
0	0	0.01813604	0.01969137	0.04761288	0.06340293	0.06960887
0	0.004	0.40554939	0.77122427	0.3649805	0.57429144	0.15386528
0	0	0.20561673	0.23186857	0.17285038	0.21564662	0.22935667
0.008	0.02	1.32708526	1.42618759	1.02199412	1.28806737	1.20543106
0	0	0.02144022	0.03297696	0.01386982	0.02722136	1.00E-04
0	0.004	0.01919411	0.06182959	0.04252576	0.06299976	1.00E-04
0.079	0.057	3.87768605	4.28698262	4.21785816	4.42851709	3.78084227
0.024	0.02	2.65998913	2.96446585	2.84868778	3.01841167	2.51391155
0.004	0	0.93180994	0.83643746	0.91801491	0.95222564	0.97258138
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.03730989	0.00187	0.01100808	1.00E-04
0.004	0	0.22100113	0.15693492	0.51852929	0.52888899	1.00E-04
0	0	1.00E-04	1.00E-04	0.00394806	0.00511616	1.00E-04
0	0.004	0.16476904	0.17684986	0.48611326	0.28982455	0.53730116
0	0.004	1.00E-04	0.0050093	0.00427622	0.00403783	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.087	0.07	0.14384522	0.33093718	0.21006574	0.1176629	0.11285829
0	0	1.00E-04	1.00E-04	0.00250255	0.007568	1.00E-04
0.008	0	0.46855156	0.40791407	0.73685593	0.74752989	0.34494103
0.016	0.004	0.60711717	0.6618545	0.85973607	0.92397317	0.9378791
0.024	0.02	0.38061491	0.67763885	0.60164019	0.7563472	0.90889552
0.016	0.02	0.59934311	0.9260647	0.78958906	0.69077733	1.19553532
0	0	1.00E-04	1.00E-04	0.01947383	0.00876933	1.00E-04
0.06	0.061	2.06997641	2.01485481	2.74920121	2.62432363	2.40235104

0	0	0.01792785	0.06336364	0.06355114	0.05121114	0.15988739
0	0	1.00E-04	1.00E-04	1.00E-04	0.00201822	1.00E-04
0	0	0.83107641	0.62903214	0.68533099	0.82413504	1.15642754
0	0	0.12156299	0.15744049	0.06473079	0.09710861	0.09079833
0	0	1.00E-04	0.02186516	0.02765162	0.06741021	0.0785195
0.004	0	0.51309238	0.56651843	0.61075099	0.64153042	0.29327969
0.016	0.025	0.04459641	0.08377839	0.03125521	0.07735998	0.07263643
0	0	1.00E-04	0.01610138	0.01713518	0.01033174	1.00E-04
0	0	0.18441588	0.16021229	0.17424955	0.1798962	0.23103564
0.004	0.004	0.5785561	0.80989314	1.10019324	1.06684744	0.71668421
0	0	0.03123805	0.1039795	0.09027903	0.08751788	0.19797668
0	0	1.00E-04	0.00423206	1.00E-04	0.00683017	1.00E-04
0.008	0.012	0.13487626	0.16127653	0.09440667	0.04022894	0.10199315
0	0	0.01686191	0.03176483	0.02020713	0.02760782	1.00E-04
0.032	0.037	1.95090748	1.98636115	1.23781972	1.37338489	1.94126093
0	0	0.04421628	0.01819431	0.01205065	0.03590613	1.00E-04
0.008	0.004	0.73654204	0.59133191	0.77179262	0.92632067	0.78181414
0	0	1.00E-04	1.00E-04	0.006571	0.00121249	1.00E-04
0.032	0.078	2.02740803	2.40700883	1.77147727	2.0532476	2.11440611
0	0	0.09442636	0.21368019	0.06998737	0.15487444	1.00E-04
0.004	0	0.0178861	0.08342106	0.03461759	0.02748149	1.00E-04
0.02	0.02	0.27576636	0.36898048	0.37875022	0.48830279	0.58329429
0	0	0.17968142	0.24961015	0.09804771	0.18409814	0.34706214
0.024	0.029	1.04009934	0.92498467	1.743868	1.63594006	1.02121149
0	0	0.07208276	0.04869326	0.06578596	0.06815967	1.00E-04
0	0	0.0431606	0.01926864	0.02445444	0.04709051	1.00E-04
0	0	1.00E-04	0.00505902	0.00921844	0.03053586	1.00E-04
0	0	0.01318406	0.06203323	0.02766067	0.05893762	1.00E-04
0.016	0.029	1.35774431	1.28504472	1.02248311	1.19304474	0.81755783
0	0	0.01998629	1.00E-04	0.01462727	0.00582652	1.00E-04
0.008	0.004	0.67812136	0.76914887	0.57785744	0.7252273	0.28675353
0	0	0.62134114	0.58021288	0.73415504	0.72470377	0.5693285
0.016	0.004	2.26267983	2.52240347	2.62635217	2.44540434	2.31459631
0	0	1.00E-04	1.00E-04	0.00163398	0.00701104	1.00E-04
0.016	0.008	1.52511006	1.40852915	0.89780943	1.18744713	1.55354527
0.004	0	0.61846646	0.82922318	1.22964477	0.57733495	2.08082081
0	0	0.20857338	0.1820296	0.11802246	0.14880858	0.08982582
0	0	0.3853808	0.43555683	0.41971452	0.55107258	0.0921362
0	0	1.00E-04	0.05044548	0.00620014	0.00714534	1.00E-04
0	0	1.00E-04	1.00E-04	0.02746328	0.01879075	1.00E-04
0.012	0.008	1.2475118	1.25153402	1.66644465	1.73161389	1.36505181
0.004	0	1.00E-04	0.0626246	0.0085886	0.01179334	1.00E-04
0	0	0.06461649	0.06652837	0.05842366	0.09851737	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.06566671	0.05952243	0.02218724	0.0294521	1.00E-04
0	0	1.00E-04	0.00526122	0.00433877	1.00E-04	1.00E-04
0.008	0.012	1.02756461	1.2931604	1.2716752	1.40286391	1.07461576
0	0	1.00E-04	0.00722682	0.00591902	1.00E-04	1.00E-04
0.008	0.012	1.85089537	2.34890382	1.64926726	1.85837259	1.84699393
0	0	1.00E-04	1.00E-04	1.00E-04	0.01829881	1.00E-04
0	0	0.04299214	0.04130818	0.09683347	0.09953917	0.04764173
0	0	0.02759511	0.08955116	0.11248064	0.10782155	0.08559868
0	0	1.00E-04	1.00E-04	1.00E-04	0.00761916	1.00E-04
0	0	1.00E-04	1.00E-04	0.00690875	1.00E-04	1.00E-04
0	0.012	0.09421916	0.20440119	0.38692582	0.37631256	1.00E-04
0.008	0.033	0.33167572	0.4225255	0.31043971	0.42054708	0.30947621
0	0	1.00E-04	1.00E-04	0.00883991	0.00279449	1.00E-04
0	0	0.25268499	0.37699993	0.213028	0.32115478	1.00E-04
0.044	0.074	0.09727721	0.1259101	0.06968066	0.12405335	0.27576691
0.135	0.135	0.02189597	0.1477506	0.12363715	0.18766566	0.33299784
0.052	0.025	1.80427723	2.77346266	2.0838263	2.10236434	2.02076365
0	0	1.00E-04	0.02371679	0.08231915	0.01247123	1.00E-04
0.012	0.012	0.05784697	0.16640412	0.09353855	0.19293279	0.03447732
0	0	1.00E-04	0.00690325	0.0090163	0.00987523	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00377631	1.00E-04
0.004	0	0.24052326	0.12916238	0.24607675	0.17987391	0.43885901
0	0.004	0.44200547	0.36852785	0.29709454	0.3560086	0.48373601
0.004	0	0.84897495	0.98084139	1.13993087	1.51692616	1.04447484
0	0	1.00E-04	1.00E-04	1.00E-04	0.00763607	1.00E-04
0	0	1.00E-04	1.00E-04	0.01133832	0.00629467	1.00E-04
0	0	0.03682586	0.03924971	0.03575526	0.02629183	1.00E-04
0.04	0.016	1.92450359	1.90722842	1.87050975	2.09354701	1.5980169
0.012	0.033	0.66987324	0.7285398	0.73094574	0.97651475	1.21331431
0	0	0.76383902	0.83354233	0.42909943	0.60872528	0.32442923
0.004	0.004	0.09859293	0.06316631	0.06485658	0.06081751	0.26599844
0	0	1.00E-04	0.01625495	1.00E-04	1.00E-04	1.00E-04
0.004	0	1.00E-04	0.01545405	0.07501369	0.10916549	1.00E-04
0	0	1.00E-04	0.07519835	0.03533014	0.02683911	1.00E-04
0.262	0.254	4.30945615	4.16560853	4.9044007	4.82029856	4.87723302
0.119	0.119	3.03992989	3.02712501	3.8111821	3.76807586	3.34398674
0	0.012	0.40588869	0.33261604	0.44554208	0.48703	0.46347781
0.008	0.004	0.28660478	0.49218284	0.31657917	0.49875185	0.42351382
0	0.004	0.21370966	0.21544716	0.36674865	0.38556906	0.22598725
0	0.004	0.58018996	0.46876676	0.50379299	0.66146801	1.2373623
0.079	0.094	1.07853287	1.66465532	1.39162224	1.51439203	1.90128563
0.012	0.008	0.50624563	0.954096	0.69737094	0.56443094	0.80321956

0	0.008	0.23782682	0.33349733	0.34782866	0.35454393	0.56605978
0	0	0.00886739	1.00E-04	0.00552357	0.00249201	0.14212665
0	0	1.00E-04	0.01314138	0.01485983	0.01431647	1.00E-04
0.056	0.045	2.24103738	2.53365452	2.37928958	2.53529537	2.94391311
0	0.004	0.37057268	0.65933302	0.50009974	0.60662849	0.50799332
0.056	0.082	1.70963952	1.78892309	1.44770667	1.7539372	2.00444851
0.044	0.074	1.05952207	1.45526668	1.12018517	1.20338746	1.50229389
0	0	1.68047058	1.43621952	2.23701347	2.03903775	1.53389527
0	0	0.10138558	0.18040337	0.06834562	0.05558424	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.00710781	0.17546696	0.18762202	0.28327208	0.06810344
0	0	0.03121665	0.01184938	0.04547342	0.06169406	1.00E-04
0	0	0.08242622	0.04247884	0.06356503	0.1232667	0.0356975
0	0	0.03932988	0.00899327	0.01157653	0.02533314	0.25671858
0	0	1.00E-04	1.00E-04	0.01088834	0.00554569	1.00E-04
0	0	0.08699982	0.03118084	0.05170389	0.04913097	0.11820632
0.008	0.004	0.13994171	0.29014951	0.62037739	0.57921741	0.36625883
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02988927	0.04360554	0.06228441	1.00E-04
0	0	0.01154804	0.01664398	0.00897735	0.01959418	1.00E-04
0	0	1.36913866	0.91721563	1.35815564	1.72081909	0.05174911
0	0	0.02799353	0.00598698	0.01791547	0.08351632	1.00E-04
0	0	1.00E-04	0.00411374	0.02127537	0.00992178	1.00E-04
0	0.004	0.75448149	0.69258274	0.67041272	0.69696196	0.40270104
0	0	0.16174862	0.10811934	0.12505435	0.22688836	0.03658585
0	0	0.04392896	0.03530396	0.00557703	0.00403332	1.00E-04
0.004	0.004	0.81134435	0.9148949	0.69813601	0.54062378	0.45580284
0.008	0	0.35423194	0.29043288	0.4017664	0.38680431	0.72494604
0.028	0.016	0.14386627	0.26297778	0.22659487	0.31855603	0.61982026
0	0	1.00E-04	0.07907174	0.09551325	0.02485028	1.00E-04
0.044	0.041	2.19179995	2.36442123	2.56242077	2.69490546	1.57961418
0	0	0.06341338	0.07020495	0.035404	0.04546023	1.00E-04
0.012	0.008	0.44563964	0.58533028	0.48661102	0.65279028	0.95135252
0	0	1.00E-04	1.00E-04	0.00519741	0.03391405	1.00E-04
0	0	0.13585856	0.27000098	0.08438648	0.112438	0.1197696
0	0	0.17815257	0.18838546	0.15907483	0.1885484	1.00E-04
0.071	0.049	1.60659324	1.79306222	1.47723542	1.60568768	2.02847084
0	0	0.0368968	0.03224414	0.04728065	0.07813537	1.00E-04
0.02	0.012	1.00E-04	0.00853298	0.00787653	0.02752128	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.0255967	0.04478715	0.01606931	0.03358144	1.00E-04
0.012	0.029	1.23864975	1.45363832	0.96569027	1.34978627	0.68296387
0.04	0.025	2.88138681	2.92807036	2.33880623	2.58107667	3.20602089

0	0	0.40501774	0.80872694	0.45031847	0.67327402	0.45030058
0.024	0.004	0.3514569	0.54395779	0.37367496	0.56365577	0.37913053
0	0	1.00E-04	0.00296452	0.0136424	0.01721951	1.00E-04
0	0	1.00E-04	1.00E-04	0.0058438	0.00455645	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0233563	0.00495606	0.02038526	1.00E-04
0	0	0.01212837	0.02093131	0.04445382	0.03022703	1.00E-04
0	0.008	1.00E-04	0.00441535	0.05356773	0.03274996	1.00E-04
0.063	0.066	1.09857663	1.33302055	1.11341033	1.36211623	1.31326489
0.099	0.123	1.91314485	2.3013222	1.93154784	2.27197199	2.15850764
0	0	0.04884617	0.02214715	0.02875744	0.04981597	0.17243568
0	0	1.00E-04	1.00E-04	0.0056728	1.00E-04	1.00E-04
0	0	0.13800124	0.18738727	0.13615393	0.23606417	0.20450043
0.02	0.025	0.15282127	0.25205102	0.57361169	0.67097135	0.38553676
0	0	0.06792448	0.12723091	0.16192048	0.15717223	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00746952	0.00580629	1.00E-04
0	0	1.00E-04	0.11946713	0.02132352	0.03784047	0.04564578
0.02	0.045	0.68833492	0.78022652	0.72123231	1.00183536	0.74366932
0	0	0.52506943	0.62097864	1.01733227	1.08846826	0.32122837
0	0.008	0.17635787	0.19996189	0.22672644	0.29578872	0.40450767
0	0	0.05032174	0.06052573	0.03151451	0.06790074	0.05536594
0	0	0.73507284	0.88602096	1.41440416	1.16496329	0.32855562
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.03229908	0.00349542	1.00E-04	1.00E-04
0	0	1.15969352	0.58533478	0.98123476	1.0831051	1.00E-04
0.004	0	0.07165952	0.08884572	0.13513448	0.1943638	1.00E-04
0.067	0.086	1.12377137	1.50325678	1.43938901	1.78525466	1.52482868
0.028	0.041	0.38627327	0.56893435	0.46743637	0.51993191	0.49324175
0.004	0	0.03448244	0.19790198	0.12741652	0.1628599	0.04595937
0	0	0.0781979	0.12560218	0.0874831	0.11402367	0.10912775
0	0	0.14996612	0.28790213	0.23312623	0.26648931	0.34701745
0	0	0.07853658	0.04693595	0.12948851	0.16871396	0.07733951
0	0	0.15068673	0.24373908	0.21708994	0.21133578	1.00E-04
0	0	1.00E-04	0.00548748	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.0028	0.00101133	1.00E-04
0	0	0.06376988	0.04976419	0.06435118	0.08188738	1.00E-04
0.004	0.012	0.31832993	0.44979597	0.22841335	0.42599937	0.3550298
0	0	1.00E-04	1.00E-04	0.02247574	0.01795888	1.00E-04
0	0	1.00E-04	0.01950529	0.01449671	0.01551417	1.00E-04
0	0	0.08421927	0.04260262	0.06658037	0.05203697	1.00E-04

0	0	0.20300699	0.27278817	0.18357139	0.27694374	0.20491474
0.004	0.004	0.66243698	1.00839908	0.6819046	1.07847036	1.07224477
0	0	1.00E-04	0.02131289	0.00469652	0.01281644	1.00E-04
0	0.004	0.07831666	0.17704158	0.14061259	0.22963971	0.63133311
0	0.008	0.52815422	0.80148558	0.29721314	0.44427455	0.67699928
0	0	0.13058609	0.26349873	0.10371057	0.13766184	0.14604489
0	0	1.00E-04	1.00E-04	0.02127281	0.02712754	1.00E-04
0	0	1.00E-04	0.00727444	0.00251604	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00675191	0.00133632	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.20788802	0.17554438	0.12852627	0.3013287	1.00E-04
0	0	1.00E-04	0.02471516	0.00962477	0.03585227	1.00E-04
0	0	0.09146535	0.1962577	0.1932352	0.17713311	0.12854981
0.004	0.008	0.96853757	1.27400317	1.2137724	1.45765417	1.07147942
0.004	0	1.78627552	2.29778535	1.77271585	1.96568302	1.72611692
0	0	0.19045867	0.08142325	0.31143939	0.30669851	0.11259878
0.028	0.041	1.80765912	2.12627373	1.96387888	2.20612941	2.22404027
0	0	1.00E-04	0.01107001	0.00677924	0.00118769	1.00E-04
0.071	0.041	1.67739908	1.72725749	1.5317636	1.57946895	1.58126078
0	0	0.02979497	0.04353974	0.04110311	0.03485023	1.00E-04
0	0	1.00E-04	0.01235295	0.00448338	1.00E-04	1.00E-04
0	0	1.00E-04	0.04377899	0.05558643	0.03820598	1.00E-04
0	0	0.03035337	0.24107788	0.22226651	0.16360931	1.00E-04
0	0	0.00706687	0.04526357	0.06252246	0.09677209	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02	0.012	1.4627871	1.53307795	1.33884826	1.50864765	1.3961781
0	0	0.03136982	0.02808797	0.01901248	0.01199421	0.12644242
0	0.004	1.00E-04	0.09452589	0.02820863	0.0083895	0.14982262
0	0	0.02003349	0.04871853	0.00668887	0.03923287	1.00E-04
0.008	0	0.5532025	0.99665761	0.52336856	0.73220973	0.41493704
0	0	0.07873346	0.13640257	0.06000173	0.06804668	1.00E-04
0	0	1.00E-04	0.01246963	0.00423161	1.00E-04	1.00E-04
0.004	0.008	0.14075681	0.1658358	0.20331711	0.24795993	0.33925489
0	0	1.00E-04	0.04375967	0.03740903	0.06135203	1.00E-04
0	0	0.43918749	0.32700024	0.17948865	0.22255413	1.64146943
0	0	0.06271923	0.06844067	0.04580885	0.05426081	1.00E-04
0.147	0.135	1.3227511	1.55613069	1.6373868	1.74310852	2.14241114
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.0139191	1.00E-04
0	0	0.11859331	0.13299501	0.17659086	0.34641976	0.05612445
0	0	1.00E-04	0.04167295	0.06815346	0.05765251	1.00E-04
0.012	0.008	0.69020989	1.27388794	1.10217277	1.16394844	1.19653183
0	0	0.07570817	0.3055427	0.06139058	0.07537692	1.00E-04

0.012	0.016	1.5103484	1.84353617	1.63296437	1.98788143	1.82566403
0.016	0.016	1.74447799	1.99942256	1.4739968	1.62899586	1.67925867
0.02	0.016	0.42473958	0.73737114	0.54421376	0.49723934	0.8116352
0.06	0.057	1.56025576	1.81538486	2.58958313	1.92514311	1.91093912
0.004	0.016	1.54096677	1.4934094	1.22288704	1.26877258	1.43311119
0	0	1.00E-04	0.00554566	0.01648896	0.03210214	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00288679	1.00E-04
0	0	1.00E-04	0.00778244	0.01953105	0.02420185	1.00E-04
0.008	0.004	0.01022853	0.07226486	0.01483681	0.01318769	0.2698444
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.00405655	1.00E-04
0	0.008	0.53889941	0.62523382	0.36698144	0.3780686	0.86968239
0	0	1.00E-04	0.04560673	0.02623993	0.0277691	1.00E-04
0	0	0.83471216	0.47926384	0.63545242	0.88530616	0.30261885
0	0	1.00E-04	1.00E-04	1.00E-04	0.00648902	1.00E-04
0	0.004	0.5708487	0.49959845	0.28884111	0.27637791	0.41850513
0	0	0.34244202	0.49867061	0.2848861	0.27157876	0.16544655
0.004	0	1.00E-04	1.00E-04	0.00354334	0.02744843	1.00E-04
0.008	0.008	0.51159378	0.47816453	0.51154211	0.67157891	0.74257755
0	0	1.00E-04	1.00E-04	0.00618089	0.00314361	1.00E-04
0	0	0.08534126	0.15244556	0.10398528	0.05608809	0.18739509
0.187	0.213	2.78305115	3.21403232	3.05668281	3.2703929	3.233656
0	0	1.00E-04	0.03531167	0.05594562	0.08099439	1.00E-04
0	0.008	0.02384322	0.02491101	0.00430777	0.00252396	1.00E-04
0.008	0	0.6640743	0.68855502	0.91072204	0.9691511	0.92501839
0	0	0.68419019	0.60997879	1.22368559	1.03808102	0.70668822
0	0	0.00958729	0.03695909	0.02982093	0.03545452	0.10845203
0	0	0.03725974	0.07060206	0.06037541	0.086528	0.52855664
0.012	0.016	2.17543492	2.41172456	1.93025834	2.12366453	1.95173518
0	0	1.00E-04	1.00E-04	0.0353889	0.03831339	1.00E-04
0.036	0.061	1.73757161	1.71203294	1.73721142	1.69780189	1.95903001
0	0	1.00E-04	0.02780864	0.03018519	0.03508315	1.00E-04
0	0	0.54117754	0.73584765	0.61223859	0.55154951	0.47466518
0	0	0.00770631	0.02725665	0.03081027	0.00960857	0.0913376
0.008	0	0.1630602	0.30291085	0.18992181	0.28285436	0.37107849
0	0	1.00E-04	0.00301407	0.00449331	0.01388276	1.00E-04
0.02	0.012	0.31765528	0.33509786	0.25241221	0.33227541	0.15318654
0.044	0.053	0.22819138	1.63121492	0.27211123	0.4511433	0.06851685
0.004	0	0.25642734	0.28409903	0.26845071	0.29918893	0.41890671
0	0	1.00E-04	1.00E-04	1.00E-04	0.00965323	1.00E-04
0	0	1.00E-04	1.00E-04	0.03031181	0.04544666	1.00E-04
0	0	1.00E-04	0.01452639	0.00881001	0.00677948	1.00E-04
0	0	1.00E-04	1.00E-04	0.00596675	0.00367485	1.00E-04
0	0	1.00E-04	1.00E-04	0.00284068	1.00E-04	1.00E-04

0.004	0	0.0240251	0.03065568	0.03973198	0.03426559	1.00E-04
0	0	1.00E-04	0.04375351	0.00615061	0.01864006	1.00E-04
0	0	1.00E-04	0.01427831	0.00931466	0.00206178	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00309545	1.00E-04
0	0	0.05303318	0.07303313	0.04996861	0.03906794	0.07787023
0	0	0.9202355	1.10276922	0.50873084	0.57599629	0.2576034
0	0	1.00E-04	1.00E-04	0.0051123	1.00E-04	1.00E-04
0	0.004	1.00E-04	0.02935968	0.0111205	0.00749601	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.5213106	0.41117534	0.52974774	0.74359326	1.15483392
0	0	0.01115941	0.11626203	0.06484212	0.04334203	0.07378229
0.008	0	0.12249275	0.23768644	0.26227114	0.2176095	0.04468977
0.008	0.008	0.32239036	0.28865708	0.17353368	0.37729519	0.34750672
0.024	0.012	1.22693237	1.49473803	1.07422034	1.24901713	1.02577726
0	0.004	0.02739271	0.03406031	0.02446072	0.01416323	1.00E-04
0	0	0.01942844	0.10540282	0.0722797	0.09224981	0.11289883
0	0	0.01097458	0.01496089	1.00E-04	0.00313355	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00496648	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02102217	0.01104523	0.00271956	0.02064513	1.00E-04
0.024	0.025	0.35212326	0.53183883	0.4470833	0.56675428	0.61417765
0.004	0	0.78715476	0.59592607	0.97578294	0.9276528	0.74792227
0.087	0.07	2.52241974	2.73086362	2.44212082	2.51630072	2.46914724
0	0	1.00E-04	0.00624871	1.00E-04	0.01806353	0.05229634
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.18019734	0.41348151	0.47539462	0.40093568	0.5112136
0.008	0.016	1.4578432	2.02859434	1.04237662	1.39440755	1.63620998
0.008	0.008	0.76544923	0.83975127	0.89820595	0.90519629	0.81158691
0.016	0.004	1.09737905	1.52057915	1.67672259	1.72906173	1.11390325
0	0	0.2426786	0.29762053	0.06222302	0.1367879	0.09867692
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03771155	0.09822082	0.24668477	0.10659619	0.03919412
0	0	1.00E-04	1.00E-04	0.00247528	0.00221273	1.00E-04
0.008	0	0.78370541	1.40096933	0.71155203	0.91681666	0.74121211
0	0	0.09410492	0.1205467	0.07978665	0.10189837	0.11709238
0	0	1.00E-04	0.06978972	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.13640701	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00234826	1.00E-04
0	0	0.0279829	0.04006044	0.01917782	0.01463067	0.06960887
0	0	0.47029601	0.87161042	1.05232831	0.90043885	0.57707674
0	0	1.00E-04	1.00E-04	0.0060299	0.00477792	1.00E-04
0	0	0.03878642	0.10359423	0.05556659	0.08599381	0.3314264
0	0	1.00E-04	1.00E-04	0.01899493	0.00242698	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	0.00647413	1.00E-04
0	0	0.34295799	0.38752867	0.2430136	0.16916087	0.39567722
0	0	0.01859377	0.16994685	0.03280224	0.03172738	1.00E-04
0.067	0.09	1.74847104	2.87046269	1.62717204	2.25280513	1.82520524
0.004	0.016	0.83053908	0.6752056	0.96579972	1.47755351	0.65094839
0	0	0.22330266	0.28562659	0.317182	0.30272325	0.09562595
0.004	0	0.6276632	0.58398884	1.14145157	0.59022256	1.55599628
0	0	1.00E-04	1.00E-04	0.0088112	0.00216126	1.00E-04
0	0.004	0.95769509	1.19223316	0.638785	1.0133351	1.05745584
0.004	0.004	0.21758738	0.20437697	0.1752804	0.22510249	1.00E-04
0.004	0	1.00E-04	0.00644634	0.00993243	0.01326482	1.00E-04
0.004	0.012	0.656508	0.64971011	0.67209357	0.94648621	0.82591446
0	0.004	0.37149441	0.66296121	0.38575344	0.41221443	1.05367558
0.008	0.004	0.16732035	0.39881353	0.35284967	0.27326173	0.08344181
0.067	0.033	1.76218524	2.13123233	2.45446294	2.2803632	2.22763643
0	0	1.00E-04	0.00647426	0.01991231	0.0278664	1.00E-04
0	0	1.00E-04	1.00E-04	0.01592893	0.00364699	1.00E-04
0	0	0.15913442	0.15139332	0.16190898	0.16694828	0.42191301
0	0.004	1.00E-04	0.01991804	0.03547187	0.04089082	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00365058	1.00E-04
0	0	0.32622976	0.46130966	0.30362339	0.35263478	0.32114216
0	0	0.02524559	1.00E-04	0.00174945	0.00454043	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	0.05746229	0.03475232	0.01515957	1.00E-04
0.048	0.02	3.42231228	3.33680608	3.26855604	3.05869648	3.67370632
0	0	1.00E-04	1.00E-04	0.0084069	0.00528581	1.00E-04
0	0	1.00E-04	1.00E-04	0.0161368	0.00478782	1.00E-04
0	0	1.00E-04	0.00352592	0.00272384	1.00E-04	1.00E-04
0.099	0.078	2.34789903	2.34934384	2.39392973	2.61598984	2.58925419
0	0	0.07976685	0.12145101	0.06934274	0.1221037	0.16861822
0	0	0.14282723	0.15732918	0.17665661	0.24702558	1.00E-04
0	0	1.00E-04	0.00984348	1.00E-04	0.00112122	1.00E-04
0	0	0.06434506	0.08256725	0.07158412	0.01383723	1.00E-04
0.012	0.008	1.00E-04	0.03837783	0.0269172	0.02968653	1.00E-04
0	0	0.840209	1.24827572	1.51623286	1.16895197	0.89335122
0	0	1.00E-04	0.02675946	0.02900241	0.02964199	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00314982	1.00E-04
0	0	1.00E-04	1.00E-04	0.00637586	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01324814	0.01308333	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.04089685	0.06808559	0.10061317	0.10755903	0.13670834
0	0	0.26061512	0.41696588	0.10216881	0.18105161	0.22199693
0	0	1.00E-04	0.0048152	0.0115846	0.01215558	1.00E-04

0	0	1.00E-04	0.03634278	0.03969469	0.05862705	1.00E-04
0.02	0.004	1.59910285	1.67645329	1.6053548	1.65475099	1.72071325
0.012	0.004	0.01675955	0.02573852	0.02222193	0.03161024	1.00E-04
0	0	1.00E-04	1.00E-04	0.01260887	0.01377873	1.00E-04
0	0	1.00E-04	0.03855615	0.01719349	0.03673786	1.00E-04
0.004	0.008	0.3621701	0.47831734	0.19894751	0.17820069	0.09412665
0.004	0	1.23193122	1.23836272	0.7636244	0.86190901	0.27547677
0.004	0.025	1.08354346	1.15645739	0.69816534	0.86299035	1.16332174
0.012	0.004	0.95907266	0.8543129	0.76720039	0.73897365	1.15656187
0.028	0.012	1.30042515	1.68320194	1.59406282	1.83778196	1.40514348
0	0.004	1.00E-04	0.05001639	0.02891542	0.10804794	1.00E-04
0	0.004	0.31306093	0.38147892	0.37919984	0.50543696	0.48039682
0.004	0	0.04615554	0.1476673	0.12854851	0.10546346	0.08913555
0	0	1.00E-04	0.04893253	0.01401841	0.00723291	1.00E-04
0	0	1.00E-04	0.00642678	1.00E-04	0.00158421	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00358057	1.00E-04
0	0	0.00666139	0.0361137	0.01349619	0.03018445	1.00E-04
0.028	0.033	1.40708223	1.72850341	1.28433653	1.6128098	1.45401663
0	0	0.146697	0.06099743	0.01090483	0.03976096	1.00E-04
0.008	0.004	0.79857405	1.41267393	0.68060984	0.75446553	1.21154587
0.028	0.016	0.88351417	0.80726956	1.3830571	1.52595063	1.68434171
0	0	1.00E-04	1.00E-04	0.00105999	1.00E-04	1.00E-04
0.04	0.025	0.71282188	1.0404222	1.20711637	1.40680753	1.05916528
0.004	0.004	1.00E-04	0.11948311	0.04307179	0.0273888	1.00E-04
0.004	0	0.24357421	0.47084351	0.22161781	0.21621729	0.2724939
0	0	2.01768973	1.24306567	1.42150117	1.64363707	0.94605906
0.004	0.008	0.12352866	0.2198052	0.13517011	0.24801451	0.17563447
0.008	0.004	0.496982	0.57081631	1.05589561	0.83236327	1.02925379
0	0	0.53108786	0.39045273	0.38283142	0.3923769	0.71845959
0	0	1.00E-04	0.00482566	0.00910177	0.00313631	1.00E-04
0	0	1.00E-04	0.00382652	0.01693521	0.00449943	1.00E-04
0	0.008	0.32929587	0.47923418	0.29235094	0.54040531	0.61794941
0	0	1.00E-04	0.01021466	0.003218	0.00357411	1.00E-04
0	0	0.02193906	0.00662362	0.01363973	0.00277795	1.00E-04
0.008	0.004	0.09244007	0.06723939	0.20650105	0.15559393	0.03658585
0.004	0.008	0.3192634	0.39870168	0.1926613	0.25029989	0.16350395
0	0	0.05152315	0.08198334	0.03987192	0.05973156	1.00E-04
0.103	0.061	5.43501329	4.67756783	4.0978162	4.69081966	5.73724346
0	0	1.00E-04	0.00828963	1.00E-04	0.00987939	1.00E-04
0	0	1.00E-04	0.00500378	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00125869	1.00E-04
0	0	0.02180867	1.00E-04	0.00834352	0.0125732	0.29293154
0.016	0.02	1.14792882	0.95168024	0.75340285	1.0456981	1.12399884

0	0	0.23594303	0.33054556	0.28706207	0.20143448	0.66341148
0	0	0.03496709	0.01703162	0.03982688	0.04893724	1.00E-04
0	0	1.00E-04	0.03518304	0.01584322	0.0399831	1.00E-04
0	0	0.28284911	0.35655771	0.12824147	0.16959803	0.20004991
0	0	0.08255008	0.07180231	0.01333855	0.2607372	0.33132196
0	0.008	0.41929978	0.48116074	0.16736589	0.28493797	0.11533284
0	0.004	0.04795975	0.10292984	0.06758378	0.06000546	1.00E-04
0.004	0	0.07051421	0.05526663	0.0423748	0.0255186	1.00E-04
0	0	0.02153565	0.08015558	0.03101974	0.0677571	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.0069182	0.01586421	1.00E-04
0	0	1.00E-04	1.00E-04	0.00147892	1.00E-04	1.00E-04
0.012	0.012	0.75141266	0.75335105	0.57721531	0.82126324	1.10706966
0	0	0.04413943	0.01447416	0.04234063	0.05521532	0.35171106
0	0.004	1.00E-04	0.01125151	0.03348012	0.07035257	1.00E-04
0	0	1.00E-04	0.04067828	0.02188914	0.01227979	1.00E-04
0.25	0.234	2.28386413	2.66672292	3.45866466	3.34483875	2.82261836
0.004	0	0.18007016	0.10187376	0.10715988	0.24487449	0.23470186
0	0.004	1.00E-04	0.02749724	0.03223188	0.04390694	1.00E-04
0	0	1.00E-04	0.07522988	0.01167308	0.00605322	1.00E-04
0.008	0	0.66482213	0.71093952	0.43907681	0.56174117	0.47615476
0	0	1.00E-04	0.02386149	0.01222664	0.01640164	1.00E-04
0.004	0.012	1.00686688	0.97126835	0.69629603	0.84065468	0.79675874
0	0	0.60353097	0.5436717	0.43402495	0.52752934	0.52303694
0.004	0	0.16502493	0.34065288	0.21118297	0.2464997	0.14493205
0.024	0.008	0.50385724	0.7678851	0.639175	0.79705179	0.45094812
0	0	1.00E-04	0.00694853	0.01001379	0.02032923	1.00E-04
0	0	1.00E-04	0.00658828	0.03391034	0.02608624	1.00E-04
0.004	0.004	0.24815965	0.19219074	0.2006875	0.28865868	0.05317596
0	0	1.00E-04	0.01318988	1.00E-04	0.01803635	1.00E-04
0	0	1.00E-04	0.01299052	0.0120446	0.00534092	1.00E-04
0	0	1.00E-04	1.00E-04	0.01228474	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00405554	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00094309	1.00E-04
0	0	1.00E-04	1.00E-04	0.00157051	0.00862237	1.00E-04
0.012	0.008	0.48108891	0.42209389	0.44568588	0.54459166	1.15497092
0.008	0.008	0.586472	0.40588411	0.51559515	0.61219052	0.84492933
0	0.004	0.38843393	0.12215389	0.03889805	0.07827784	0.07030523
0.016	0.008	0.16753607	0.37031348	0.29740788	0.30843321	0.61821958
0.004	0.004	0.19573476	0.18999192	0.19847625	0.12740692	0.40429375
0	0	1.00E-04	0.01037287	0.00788891	1.00E-04	1.00E-04
0	0	0.05190436	0.06774938	0.10869297	0.02459648	0.07668549
0	0	1.00E-04	0.02240449	0.02792398	0.01639784	1.00E-04
0	0	1.00E-04	1.00E-04	0.01204107	0.01040741	1.00E-04

0	0	0.2101904	0.18605067	0.28069416	0.35045206	0.38429832
0	0	0.0426445	0.02002808	0.06213957	0.03993945	0.11409892
0.004	0	1.00E-04	0.03952182	0.02671712	0.03848759	1.00E-04
0.004	0.004	0.56885144	0.66853648	0.9218668	0.91223988	0.91565542
0	0	1.00E-04	0.01878144	0.03147505	0.03385411	1.00E-04
0.004	0	1.00E-04	0.00453479	0.01235941	0.04157038	1.00E-04
0.004	0.004	1.11078128	0.91996349	1.28852306	1.33899562	1.18531938
0	0	0.43978294	0.27248239	0.3662159	0.35015775	0.09745576
0	0	1.00E-04	1.00E-04	0.01349773	0.00227889	1.00E-04
0	0	1.00E-04	0.01442081	0.01990962	0.00368419	1.00E-04
0.052	0.074	2.43271125	2.64325414	2.24620667	2.5399034	2.77484169
0.008	0.004	1.31380917	1.0577565	0.69960272	0.76540348	1.13444582
0	0	0.54624493	0.738396	0.4016457	0.63340383	0.5128804
0.048	0.037	1.3269669	1.6552953	1.52176619	1.76943818	1.69792873
0	0	0.15739331	0.15230234	0.10428294	0.20451651	0.38822711
0	0.004	1.00E-04	0.02380599	0.04113674	0.07313761	1.00E-04
0	0	1.00E-04	0.0152404	0.00375557	0.01289633	1.00E-04
0	0	1.00E-04	0.01169467	0.006454	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00698523	0.00095234	1.00E-04
0	0	0.02499795	0.01090918	0.05166098	0.06597926	1.00E-04
0	0	1.00E-04	0.00629478	0.00645654	0.00219341	1.00E-04
0	0	0.27558451	0.56478703	0.35085816	0.47019616	0.26381748
0	0	1.00E-04	1.00E-04	0.00419481	1.00E-04	1.00E-04
0	0.012	0.56211676	0.34753332	0.59189501	0.47649774	0.23238255
0.004	0	0.00886071	0.07588459	0.05371538	0.07674792	0.13790326
0	0.004	0.03176801	0.07840928	0.0936907	0.14139945	1.00E-04
0.004	0.004	0.02280187	0.01624077	0.01761011	0.02407465	0.18862677
0	0	0.33158225	0.09088155	0.0720938	0.10013517	0.20753286
0.016	0	0.6094592	0.35068091	0.4841229	0.40304512	0.71357767
0	0	1.00E-04	1.00E-04	0.002573	1.00E-04	1.00E-04
0	0	0.18752493	0.42823002	0.24925387	0.19876872	0.26061197
0.048	0.037	1.57096277	1.84580211	2.47173695	2.42782837	1.73290261
0.111	0.098	1.2757485	1.46644593	1.6303019	1.96047045	1.47285087
0	0	1.00E-04	0.04067572	0.00354665	0.01217117	1.00E-04
0	0	0.05647548	0.09681126	0.03386573	0.09593987	0.11471955
0	0	1.00E-04	0.01833883	0.01416685	0.01585661	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.024	0.008	1.00870764	1.23872255	1.17223039	1.41293199	1.50090183
0	0	0.0252245	0.01035334	0.01154539	0.04055678	1.00E-04
0.012	0.008	0.63774503	0.62888983	0.72291569	0.73221221	0.65620015
0.02	0.012	1.31456981	1.14682126	1.50025371	1.05097547	2.02853922
0.008	0.008	0.57563119	0.43465438	0.85814557	0.79213582	0.72468793
0	0	1.00E-04	0.03980367	0.03959718	0.03154046	0.28203014

0	0	1.00E-04	0.02287772	0.05163504	0.07545473	1.00E-04
0	0.004	0.16408473	0.1786896	0.12318793	0.12725528	0.03347237
0.004	0.004	1.00E-04	0.02803533	1.00E-04	0.03823304	1.00E-04
0	0	0.02790789	0.03334522	0.02006851	0.02657215	1.00E-04
0	0	1.00E-04	0.01178071	0.08387342	0.05153067	1.00E-04
0	0	0.13173584	0.04561633	0.06342624	0.11692588	1.00E-04
0	0	1.00E-04	1.00E-04	0.00283407	0.00320132	1.00E-04
0	0.004	0.1091029	0.14374716	0.09176751	0.19554234	0.46172825
0	0	1.00E-04	0.03399838	1.00E-04	0.01232769	1.00E-04
0.04	0.02	1.08357871	1.07651263	1.23307676	1.25257277	1.08439201
0	0	0.22244525	0.19035128	0.09821797	0.10966591	0.03185187
0	0	0.02260807	0.04282277	0.04439769	0.05530486	1.00E-04
0.008	0	0.40979026	0.63546828	0.37014757	0.62749474	0.54272177
0	0	1.00E-04	1.00E-04	0.00345735	1.00E-04	1.00E-04
0	0	0.05168941	0.08080287	0.03510503	0.05855391	1.00E-04
0.016	0.004	0.80209164	0.63886093	0.66373797	0.86533162	0.97850067
0	0	1.00E-04	1.00E-04	0.03115448	0.02817247	1.00E-04
0.468	0.451	4.40555072	4.21189447	5.38928418	5.1551834	4.73310994
0	0	1.00E-04	0.01833952	1.00E-04	1.00E-04	1.00E-04
0	0	0.02873761	0.03249132	0.03913019	0.01202151	0.03409116
0	0	0.03332024	0.01262149	0.01589363	0.00573523	0.04629432
0	0.004	0.82995572	1.49965338	0.76586932	1.04978858	1.60602884
0	0	1.00E-04	0.00868109	0.00295086	1.00E-04	1.00E-04
0	0	0.07447246	0.06165092	0.04059151	0.06338569	0.52886843
0.032	0.037	4.68819288	4.42095529	4.38798932	4.71436135	2.49503445
0.04	0.057	3.82976084	4.16130278	3.83772659	4.43246267	3.65434
0.004	0	0.23648868	0.30719153	0.12602234	0.27667661	0.23169509
0	0.004	0.20421444	0.37055467	0.18330337	0.30517012	0.72937186
0	0	1.00E-04	0.01334064	1.00E-04	0.00730751	1.00E-04
0	0	0.11891154	0.1641269	0.14619405	0.12496676	1.00E-04
0	0	0.03035337	1.00E-04	0.02712972	0.03943116	1.00E-04
0.048	0.045	2.88550245	3.07377298	2.15215498	2.36255171	2.64608039
0	0.008	0.09443487	0.38113483	0.13306709	0.19295931	0.24668627
0	0	0.23322128	0.37071114	0.16659386	0.18069037	0.09155523
0	0	1.00E-04	1.00E-04	1.00E-04	0.00698758	1.00E-04
0	0	0.27073067	0.35524394	0.11698283	0.13922388	0.33171213
0.028	0.008	1.00782823	1.0673224	1.03507947	1.29429258	1.18968825
0	0	0.10131117	0.03895852	0.00925867	0.0381117	1.00E-04
0	0.004	0.12878154	0.07890616	0.13603309	0.17209251	0.04291566
0.02	0	0.30717985	0.50119767	0.34327841	0.30387036	0.46783896
0	0.004	0.31066815	0.33973714	0.15808925	0.21738683	0.14074335
0	0	0.02350337	0.09110069	0.06433494	0.05478172	1.00E-04
0	0	0.27850961	0.13558116	0.03694826	0.09366794	0.12780345

0.024	0.02	1.25251574	1.33741853	1.39748911	1.53504069	1.34382841
0.004	0.012	1.7396971	1.69591547	1.16449338	1.34443542	1.69919422
0	0.025	0.30586485	0.32812607	0.40645508	0.53448494	0.36998909
0.016	0.029	1.05315559	1.29360642	1.90956849	1.78512531	1.27543149
0	0	0.05910231	0.07376782	0.0325786	0.04378767	1.00E-04
0	0	0.16141347	0.12969797	0.13008331	0.1682656	0.27991253
0	0	0.14104333	0.16086794	0.18847932	0.14456072	0.32584236
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03502801	0.07293788	0.03751882	0.0428266	1.00E-04
0	0	0.12704753	0.26434302	0.31923602	0.42324584	0.18969506
0	0	0.90109875	0.55306993	0.78190237	0.95675877	0.36693023
0	0	0.05633237	0.03681837	0.0192221	0.0519334	1.00E-04
0	0	0.12598101	0.20073242	0.19618335	0.22209867	0.32961087
0.329	0.307	3.15719643	3.41035179	3.22521315	3.26040543	3.29055694
0.016	0.016	1.49408593	1.64769373	1.28744442	1.24156951	1.32998232
0	0.008	0.41752553	0.54921244	0.50870718	0.64780992	1.36326076
0.016	0.012	1.63611773	1.8344107	1.3417568	1.59331929	1.44592645
0.004	0.012	0.88567672	0.59442287	0.51344729	0.72085521	0.99400611
0	0	0.07945749	0.07236028	0.03871706	0.09413162	0.22536606
0	0	1.00E-04	0.01519614	0.01374407	0.01012136	1.00E-04
0	0	0.02116994	0.00975631	0.00789916	0.00667989	1.00E-04
0	0	0.06862773	0.06692584	0.03205164	0.09370514	1.00E-04
0.004	0.004	0.55897772	0.44786103	0.5174479	0.68644715	0.71215131
0.012	0.012	0.89716102	1.32861754	0.66272986	0.89181797	0.43389869
0.016	0.029	0.39100307	0.35703999	0.65963607	0.66153078	0.85992362
0	0.004	0.22449505	0.46218365	0.21800542	0.256969	0.31551555
0	0	1.00E-04	0.04014982	0.00693865	1.00E-04	1.00E-04
0.016	0.02	1.31214534	1.01803188	0.67857479	1.02171125	1.25207576
0	0	0.18300893	0.21927529	0.27252545	0.30829534	0.65398565
0	0	1.00E-04	0.02583196	0.02171246	0.0040356	0.0655208
0	0.004	0.20560172	0.27750739	0.17164665	0.23530105	1.00E-04
0	0	1.00E-04	0.02461743	0.01073794	0.02258448	1.00E-04
0	0	0.13313871	0.0607516	0.0738445	0.10193257	0.08653088
0	0.008	0.87646445	0.81836177	0.78453603	1.0087798	0.65575037
0.004	0	0.38618953	0.34140826	0.15224327	0.20154115	0.78346575
0	0	1.00E-04	0.09162512	0.07029734	0.09043047	1.00E-04
0	0	0.00573862	0.12612659	0.03009696	0.02257049	0.07062081
0.004	0	1.89541534	1.7933817	1.92483251	1.77013916	0.91491005
0	0	1.00E-04	1.00E-04	1.00E-04	0.00205387	1.00E-04
0	0	1.00E-04	1.00E-04	0.01066287	0.00418165	1.00E-04
0	0.004	0.52223588	0.5455008	0.44132533	0.42189968	0.11971907
0.004	0	1.00E-04	1.00E-04	0.00288791	0.00310667	1.00E-04
0	0	1.00E-04	0.02022284	0.01436995	0.00178922	1.00E-04

0.008	0	1.70698777	2.27479801	1.826059	0.96870176	0.34088688
0	0	0.03231154	0.0551544	0.09062095	0.06211232	0.04839768
0	0	1.00E-04	0.07941714	0.12354195	0.07815053	1.00E-04
0	0	1.33390987	1.83557467	1.65832092	0.72870494	2.31980138
0	0.004	0.34466748	0.26892157	0.48570909	0.49103829	0.30200788
0.111	0.107	0.03431426	0.07085006	0.09757662	0.22848674	0.29102971
0	0	0.0121575	0.05029113	0.02162411	0.06692855	0.05597923
0	0	0.29969905	0.18288461	0.11253424	0.14216252	1.00E-04
0	0	0.32909126	0.46629199	1.07663631	0.38394523	1.32231341
0	0	0.2005039	0.03643345	0.03026898	0.0651942	0.04127952
0	0	0.02298041	0.07028042	0.04271893	0.05249027	1.00E-04
0	0	1.00E-04	0.00435131	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00829539	0.00597402	0.03107836	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.01107833	1.00E-04	0.01018643	0.01585947	1.00E-04
0	0.008	0.11487154	0.23576506	0.1536122	0.18813188	0.30157442
0	0	1.00E-04	0.0624192	0.62579092	0.4901221	1.00E-04
0	0	1.00E-04	1.00E-04	0.01351167	0.02074923	1.00E-04
0	0	0.15558509	0.06804922	0.11768718	0.19592717	0.10263939
0	0	0.09991823	0.16846959	0.13719012	0.15287854	0.28291538
0.012	0	0.25738655	0.32083582	0.30625077	0.36875137	0.08144636
0	0	0.0477603	0.01600388	0.03603388	0.04166722	0.26599822
0	0.008	0.54010878	0.86048121	1.17524184	1.28743742	0.69066304
0.004	0.008	0.14228263	0.13813812	0.08090719	0.10760786	0.35056278
0.067	0.082	2.11535573	2.15442742	1.91696848	2.26833081	2.53054935
0	0	1.00E-04	0.01467839	0.01120015	0.01685125	1.00E-04
0.004	0.004	0.1469315	0.05576793	0.26725858	0.29656402	0.18770674
0.004	0.004	0.07398446	0.10273575	0.07900862	0.09653673	0.08613667
0	0	1.00E-04	0.01185434	0.00478631	0.04908169	1.00E-04
0	0	1.00E-04	0.00374449	0.00934491	0.01194325	1.00E-04
0.016	0.016	0.63692074	0.77942795	0.91337768	0.93405377	0.79730446
0	0	1.00E-04	1.00E-04	0.02144666	1.00E-04	1.00E-04
0.06	0.061	1.71537447	1.64697469	1.2770453	1.48590528	1.92154344
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00270814	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.07459138	0.03407164	0.05882873	1.00E-04
0.004	0	0.17428766	0.33837535	0.25266026	0.31656361	0.09438073
0.004	0	0.12143383	0.72632543	0.20529427	0.25256754	0.05010145
0.004	0.004	2.21097458	1.85728457	1.8738952	2.16762956	1.49851774
0	0	0.00716271	1.00E-04	0.00265173	1.00E-04	1.00E-04
0.004	0	0.0949955	0.19643156	0.12003195	0.21425621	0.64272156

0	0	1.00E-04	0.00453747	0.00274079	0.004804	1.00E-04
0	0	1.00E-04	0.06236196	0.04019216	0.03961835	1.00E-04
0	0	0.06765966	0.27490864	0.13017198	0.20425029	1.00E-04
0.02	0.02	1.8859433	2.15588562	2.11501633	2.3810396	1.88903865
0.008	0	0.4962791	0.32125522	0.68150987	0.64893354	0.72461097
0	0	0.58617979	0.72641286	0.74682482	0.59091914	0.1702645
0	0	2.67274724	2.51591224	2.55063023	2.55096285	2.22531073
0	0	1.00E-04	1.00E-04	0.00282387	0.00265947	1.00E-04
0.004	0	0.02066221	0.02782046	0.01652068	0.0273186	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01231496	1.00E-04
0	0	0.38153076	0.62424601	0.357543	0.55114671	0.39962932
0.004	0	0.0269441	0.24121256	0.43194826	0.06714673	1.37854861
0.004	0	0.01671957	0.05289069	0.06467962	0.066448	0.63661206
0.004	0.008	1.10959566	1.17784772	0.78707526	1.06279185	1.10936234
0.004	0.004	2.91097438	3.41445561	2.28763329	2.55027474	2.08597836
0	0	0.10953618	0.18247579	0.12034673	0.12419317	1.00E-04
0	0	1.00E-04	1.00E-04	0.01815249	0.00120497	1.00E-04
0.008	0.004	0.78795707	0.78861066	0.48112011	0.59604382	0.48685565
0	0	1.00E-04	1.00E-04	0.01369891	0.00967037	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.03025422	0.01076996	0.0138474	1.00E-04
0	0	2.77917826	2.73505745	2.3996679	2.53180826	1.84982504
0	0	1.00E-04	1.00E-04	0.01781423	0.0349571	1.00E-04
0.004	0	0.46148244	0.84389578	0.55143673	0.38824244	0.63307372
0	0.004	0.01285662	0.02957743	0.03041422	0.02342303	0.12479965
0	0	0.05606187	0.11757902	0.30530641	0.27662193	0.11910467
0	0.004	1.00E-04	1.00E-04	0.00479377	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00803669	1.00E-04	1.00E-04
0.198	0.176	4.81044582	4.24051454	5.2219054	5.36576935	3.8106272
0	0	0.49707116	0.7640676	1.18237692	1.08531311	0.38394718
0.333	0.32	3.65815811	3.53113738	3.94665662	3.95279295	3.82548023
0.004	0	0.80461883	1.47382643	1.37222899	0.82788042	1.16661862
0	0	0.06013077	0.06052641	0.02912628	0.03460994	1.00E-04
0	0	1.18213117	1.29102688	1.35826358	1.477557	0.49477723
0	0	1.00E-04	0.00651563	0.00925646	0.00834746	1.00E-04
0	0	0.55826605	0.66938469	0.5079834	0.74267952	0.10552958
0.024	0.045	1.20136905	1.34084652	1.05729648	1.45900026	1.46009609
0.012	0.004	0.68539587	0.99866864	0.92262851	0.85511284	2.04173951
0	0.008	0.22981224	0.37152521	0.31471092	0.58336978	0.19482867
0	0	0.1730479	0.23238917	0.10703261	0.1797087	1.00E-04
0.02	0.045	1.2701462	1.39304692	1.11164211	1.33498587	1.51230646
0	0	1.00E-04	0.06345764	0.08972518	0.06633291	1.00E-04
0	0	1.00E-04	0.0388231	0.02395445	0.0360538	1.00E-04

0.012	0.004	0.26140804	0.45704631	0.98683439	0.83802238	0.40935357
0.004	0	0.08622834	0.15520123	0.0486582	0.12608425	0.04977191
0.028	0.033	1.43861945	1.65883659	1.77229572	1.82857751	2.59498481
0	0.004	1.00E-04	1.00E-04	0.00229267	0.00823888	1.00E-04
0	0	0.17644471	0.32282716	0.17590876	0.1570545	0.0552687
0	0	1.00E-04	0.0108931	0.00909758	0.00095234	1.00E-04
0.04	0.037	1.45329888	1.73985901	1.59057913	1.84501491	1.65457617
0.167	0.16	1.97509577	2.34683606	2.30887014	2.59459629	2.36633267
0	0	0.09532886	0.16544778	0.24179579	0.21029123	0.20898723
0	0	0.04636883	0.0293601	0.05555975	0.07217493	0.0516603
0	0	1.28965043	1.35311168	1.97728911	2.15887235	1.52506504
0.004	0.008	0.30372401	0.31732663	0.75124095	0.38429261	0.64604067
0	0.004	0.90586221	0.76811253	0.7231404	0.95755056	0.73960169
0	0	0.06156379	0.0172108	0.01038244	0.01478475	1.00E-04
0	0	0.09229978	0.07290337	0.06739768	0.04276643	1.00E-04
0	0.004	1.00E-04	0.0060307	1.00E-04	0.00262412	1.00E-04
0	0	0.07186272	0.05615989	0.07589456	0.10682962	0.33060706
0	0	0.11098206	0.12473545	0.08563753	0.14141486	1.00E-04
0	0	0.01185264	0.01206708	0.01891672	0.01678818	0.1196196
0	0	0.04844942	0.02236132	0.03217184	0.02227158	1.00E-04
0.004	0	0.11246906	0.12238604	0.18053511	0.13383181	0.21886522
0.016	0.008	0.98855611	1.19957681	0.71658572	0.88217732	1.4042049
0.004	0	0.26249783	0.34043417	0.20793231	0.38381209	0.17690341
0	0	1.00E-04	0.01357337	1.00E-04	0.01241906	1.00E-04
0	0	1.00E-04	0.04516318	0.0342629	0.04996648	1.00E-04
0	0	1.00E-04	0.03395009	1.00E-04	0.00297891	1.00E-04
0.004	0	1.31197269	1.20474057	1.32867421	1.15704354	1.5052003
0	0	0.00961461	0.02389093	0.0150352	0.03579345	0.05410894
0.004	0	1.00E-04	0.01522712	0.05611179	0.06783841	1.00E-04
0.071	0.061	2.04451774	2.20879331	2.1126887	2.40909933	2.15272017
0	0	0.36384802	0.45376228	0.40872705	0.64738932	0.05077195
0.004	0	0.08846288	0.14258695	0.0920712	0.16082352	0.25291056
0	0	1.00E-04	0.07301888	0.02001162	0.03705435	1.00E-04
0.024	0.025	0.6325612	0.63594303	1.21882596	1.14002269	0.88242509
0	0.008	0.2460575	0.34308441	0.45309083	0.36108	0.22126196
0	0.004	0.21771826	0.22626534	0.1372273	0.16621891	0.41912613
0	0	0.18814555	0.1454003	0.13541555	0.18326022	1.00E-04
0.075	0.057	1.9394861	2.53372736	2.10810297	2.30872415	2.26285878
0	0	1.00E-04	1.00E-04	1.00E-04	0.00215289	1.00E-04
0	0	1.00E-04	1.00E-04	0.00341299	0.00167768	1.00E-04
0	0	1.00E-04	0.01596897	0.00430505	0.00370933	1.00E-04
0	0	0.25111213	0.31154092	0.43217447	0.5209858	0.36564279
0	0	1.00E-04	0.01351401	0.00685951	0.01026929	1.00E-04

0.016	0.02	0.79349755	1.04553877	0.86164503	0.96866954	0.92871533
0	0	1.00E-04	1.00E-04	0.014576	0.00994004	1.00E-04
0	0	0.02790789	0.01865554	0.04473245	0.027826	1.00E-04
0	0.012	0.36273199	0.23342842	0.23377326	0.31346436	0.48986415
0.004	0.004	0.06974047	0.15937695	0.1498288	0.15241937	0.16137938
0.012	0.004	0.50324289	0.88253296	0.47678427	0.52462936	0.35845372
0.012	0.02	1.50309179	1.67519129	1.17627491	1.27606611	1.63242462
0	0	0.05383959	0.04152726	0.03056821	0.02415486	0.07339504
0.008	0.025	1.07309574	1.03044891	0.70583785	0.6435159	1.47336976
0.008	0.004	0.0566237	0.0735058	0.05831711	0.09435062	1.00E-04
0	0	0.04419214	0.02759852	0.01789395	0.02747317	0.35414416
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.02822481	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00498063	1.00E-04	1.00E-04
0	0	0.1268389	0.11726659	0.08942254	0.14009002	0.08878199
0	0	0.20571409	0.17189884	0.40414016	0.38566865	0.50809088
0	0	1.00E-04	0.04939235	0.02720905	0.03420789	1.00E-04
0	0	1.00E-04	0.08678531	1.00E-04	0.00229	1.00E-04
0.008	0.004	0.09810635	0.17026514	0.1023053	0.07412726	0.04349937
0	0	0.01800758	1.00E-04	1.00E-04	0.00669343	1.00E-04
0	0	0.16265474	0.13438393	0.25838026	0.30248552	0.58454912
0	0	1.00E-04	0.00842313	0.00484534	0.00141168	1.00E-04
0.008	0	1.00E-04	0.01551068	0.00301357	0.01761669	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00473352	0.01386068	0.01518282	1.00E-04
0.04	0.029	1.00E-04	1.00E-04	0.01737157	0.00563263	0.06960887
0.004	0	1.00E-04	1.00E-04	0.0087624	0.0043087	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00191533	0.00125068	1.00E-04
0.206	0.242	1.00E-04	0.00440386	0.0143956	0.01115563	1.00E-04
0	0	1.00E-04	1.00E-04	0.01613796	0.00377212	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.18333929	0.13461639	0.52314732	0.45370819	0.41663583
0	0	1.00E-04	0.01645249	0.04167837	0.06272089	1.00E-04
0	0	1.00E-04	1.00E-04	0.00117967	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.119	0.143	0.00980078	0.02908816	0.03255097	0.01383869	1.00E-04
0.012	0.008	1.94101959	2.21869201	1.93017423	2.16006967	1.94487284
0.012	0.012	0.2407032	0.46477901	0.5098479	0.64997617	0.37368188
0.02	0.049	2.12847628	2.08092154	2.58782844	2.53970209	2.33259148
0.048	0.074	1.02782045	0.90395877	0.72104583	0.87972201	1.25211775
0.107	0.082	2.75424143	2.73330096	3.48422178	3.55263882	2.81895572

0	0	0.09174228	0.05660194	0.11186019	0.13400851	0.07667977
0	0	0.06145406	0.09720375	0.25105934	0.22093971	0.04768275
0	0	1.00E-04	1.00E-04	0.00351548	1.00E-04	1.00E-04
0	0	1.00E-04	0.00610328	1.00E-04	1.00E-04	1.00E-04
0	0	0.02528588	0.06400035	0.02294363	0.03640109	0.18012607
0	0	1.00E-04	0.10510026	0.06812663	0.06890585	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00496735	1.00E-04
0	0.004	0.29155177	0.1246652	0.25002155	0.30746539	1.00E-04
0	0	1.00E-04	0.0096832	0.00339144	0.02588592	1.00E-04
0	0	0.13176836	0.05505104	0.04379441	0.0776367	0.16675279
0	0	1.00E-04	0.0254544	0.01601595	0.02002177	1.00E-04
0.028	0.008	1.01597845	1.43238315	0.62497032	0.84172454	1.16715669
0	0	1.00E-04	0.01001216	0.01006457	0.01029254	1.00E-04
0	0	1.67933029	1.556175	1.18684484	1.30390465	1.18623876
0	0	1.00E-04	0.01937978	0.00239307	0.00472124	1.00E-04
0.004	0	1.00E-04	0.10145518	0.01042727	0.03811269	1.00E-04
0.004	0.004	0.71769359	0.84290449	0.26806021	0.39636192	0.16232011
0	0	1.00E-04	1.00E-04	1.00E-04	0.0010024	1.00E-04
0	0	1.00E-04	0.05735941	0.01845192	0.01772377	1.00E-04
0	0	1.00E-04	1.00E-04	0.003857	0.00655724	1.00E-04
0	0.004	0.01862777	0.04906618	0.04713298	0.05775013	0.05510155
0	0	0.17779365	0.09981481	0.29876366	0.24924228	0.15477534
0	0	1.00E-04	1.00E-04	0.00333032	0.00438861	1.00E-04
0.02	0.037	1.06030841	0.97880451	1.10799054	1.33539329	1.10648597
0.024	0.037	1.24340936	1.15214787	1.40591946	1.36980412	2.10317525
0	0	0.09003118	0.21089993	0.14773202	0.14312696	1.00E-04
0.02	0.029	1.70566304	2.03327553	1.24156697	1.32973539	1.78276163
0.004	0.004	0.08969604	0.23186112	0.09992898	0.14637709	0.1113593
0	0	1.00E-04	0.04450578	0.02257424	0.02823854	1.00E-04
0	0	0.12462966	0.06345452	0.04825977	0.03863972	0.10381678
0	0.004	0.10171149	0.11721673	0.03294863	0.04369029	1.00E-04
0.016	0	1.44120638	1.01873198	1.35727411	1.54613625	1.25841425
0.004	0	0.17133774	0.12172484	0.07784088	0.12112919	0.23285109
0	0	1.00E-04	0.0068073	0.00530307	0.00860455	1.00E-04
0	0	1.00E-04	0.04490043	0.01848306	0.00998761	1.00E-04
0.004	0	1.17205976	1.81685567	1.0674761	1.27489534	0.58438099
0.063	0.041	0.5615108	0.90274335	0.80144345	1.01587618	0.72626464
0	0	0.08307598	0.04491252	0.03811396	0.03773535	0.22951523
0	0	0.01004998	0.04856028	0.01019653	0.02323878	1.00E-04
0	0	0.10171362	0.0880211	0.18892861	0.1928886	1.00E-04
0	0	0.03914702	0.13288581	0.07068568	0.16156605	0.58835376
0.012	0.012	1.11692258	0.9728164	1.30445419	1.25431919	1.02554372
0.02	0.02	1.29192367	1.28027974	0.6965763	1.0324094	1.02543777

0	0.004	0.18580441	0.30381935	0.21434192	0.3329185	0.05703764
0	0	1.00E-04	1.00E-04	0.00264109	1.00E-04	1.00E-04
0	0	1.00E-04	0.01382651	0.01980789	0.01672314	1.00E-04
0	0	0.21121052	0.18886489	0.13750347	0.14771378	0.13409669
0	0	0.06740151	0.005068	0.070326	0.08720274	0.06734045
0	0.004	0.17649672	0.34503971	0.2460741	0.28029912	1.00E-04
0	0.004	0.15627829	0.13737582	0.0872191	0.10395126	0.35040608
0.004	0	0.0837057	0.0573828	0.03834344	0.04160911	1.00E-04
0.004	0	1.18702733	1.81160574	1.32629922	1.38364701	1.71788896
0.028	0.02	1.07307226	1.23952192	0.87847756	1.15067346	1.64901916
0.004	0	0.93924121	0.64720176	0.9630541	1.29728961	1.02699233
0.008	0.004	1.72915359	1.96636909	1.27338369	1.47433621	1.93247935
0	0	0.00924462	1.00E-04	1.00E-04	0.00414728	0.35138617
0	0	0.09468657	1.00E-04	0.00843911	0.00923048	1.00E-04
0	0	0.05233731	0.05424825	0.06855732	0.10693795	1.00E-04
0	0	0.07909946	0.04684067	1.00E-04	0.00697008	0.04054828
0	0	0.01985504	0.0089604	0.01472157	0.01853602	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.008	2.18003816	2.32569469	1.84523325	1.90948186	1.78175309
0	0	1.00E-04	0.02856706	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00403219	0.00169059	1.00E-04
0	0	0.10043651	0.13922556	0.08050666	0.10033243	0.25330541
0	0	1.00E-04	0.08236786	0.06372102	0.07529822	1.00E-04
0	0	0.10955503	0.03385659	0.11888244	0.13963321	1.00E-04
0	0	0.20670639	0.21096641	0.08738863	0.2045501	0.30455475
0	0	1.00E-04	0.17092298	0.03377577	0.0088996	1.00E-04
0	0	0.2846576	0.37757724	0.23955124	0.27490131	0.13760656
0	0	0.69521869	0.73623396	0.89999392	0.71450889	0.88945063
0	0	1.00E-04	0.03810946	0.05803476	0.0214777	1.00E-04
0	0	0.17145203	0.36998082	0.0933034	0.06317243	1.00E-04
0.004	0	1.00E-04	0.0286286	0.00553711	0.02984252	1.00E-04
0	0	1.00E-04	0.10811796	0.24404783	0.06715233	1.00E-04
0	0	1.00E-04	0.03482527	0.00971839	0.01102962	1.00E-04
0	0	1.00E-04	0.02442726	0.03201333	0.03644342	1.00E-04
0	0	1.00E-04	1.00E-04	0.00244548	0.00347507	1.00E-04
0	0	1.00E-04	0.01482087	0.00803256	0.00844691	1.00E-04
0	0	1.00E-04	0.01698571	1.00E-04	1.00E-04	1.00E-04
0.024	0.016	0.50328865	1.05915068	0.62555184	0.58988135	1.44842644
0.024	0.049	1.88406145	1.93865063	1.86754285	2.23446628	2.09956947
0	0	0.11637002	1.00E-04	0.02277666	0.07990047	0.08248713
0	0	0.0370056	0.09470386	0.08545351	0.06074315	0.12796313
0.004	0.008	0.43314462	0.4206103	0.22953883	0.26624688	0.62393633
0.079	0.074	2.08127673	2.09491123	2.33607092	2.66665896	2.15855032

0	0	0.83792816	0.75643418	0.41570098	0.55400435	0.98942279
0	0	1.00E-04	0.00477401	0.01553923	0.02668004	1.00E-04
0	0	1.00E-04	1.00E-04	0.01391606	1.00E-04	1.00E-04
0	0.004	1.00E-04	0.01102899	1.00E-04	0.00153552	1.00E-04
0	0	1.00E-04	0.01938823	1.00E-04	0.01143154	1.00E-04
0	0	0.21156986	0.27957539	0.07977379	0.14363376	1.00E-04
0.004	0	0.05239145	0.07080736	0.1152246	0.10103519	0.1589605
0.016	0.004	0.07369447	0.09409262	0.10517101	0.18075985	0.07258532
0.02	0.053	0.86577558	0.88699151	1.31724611	1.33116096	0.9995651
0.008	0.004	1.40212985	1.73472907	0.9092881	1.19309549	0.73715049
0.004	0	0.20199442	0.39590868	0.19116807	0.35568512	0.20908027
0.008	0.02	0.90839734	0.90865988	1.1224407	1.16713461	0.89235631
0	0	1.00E-04	0.00518612	0.04806812	0.01961943	1.00E-04
0.004	0.004	0.53979509	0.45150994	0.76119209	0.85418015	0.24798721
0.016	0.008	0.74449812	0.89020153	0.81067472	0.85046631	0.55101982
0	0.02	0.61236412	0.74784409	0.67513022	0.9648504	0.84830804
0	0	1.00E-04	1.00E-04	0.00487669	1.00E-04	1.00E-04
0	0	0.01358003	0.02323828	0.01970278	0.05112049	0.04084487
0	0	0.03355013	0.00792129	0.03315964	0.03290377	1.00E-04
0	0.004	0.65369615	0.87655702	0.58418971	0.68470887	0.66046635
0	0	1.00E-04	0.02805063	0.01793766	0.02529677	1.00E-04
0	0	1.00E-04	0.0253384	0.00575184	0.01455404	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01020581	1.00E-04
0.004	0	1.00E-04	1.00E-04	1.00E-04	0.02010264	1.00E-04
0.103	0.061	0.43633687	1.20376174	0.90274637	0.93427347	0.86725786
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.22024565	0.35328831	0.39598521	0.51280165	0.22066448
0	0	1.00E-04	1.00E-04	0.00867923	0.02303105	1.00E-04
0	0.025	2.23588932	1.86900315	2.24413205	2.35125383	2.07245117
0	0	0.40531039	0.30744882	0.20319214	0.28185255	0.63332188
0	0	1.00E-04	1.00E-04	1.00E-04	0.00751494	1.00E-04
0	0	0.03241053	0.02315851	0.02482147	0.02944374	1.00E-04
0	0	1.00E-04	1.00E-04	0.00539542	0.00640742	1.00E-04
0	0	0.09648415	0.0602255	0.18754069	0.18228702	0.06069293
0.012	0.004	0.13719289	0.29777252	0.19075337	0.24756332	0.39061028
0	0	1.00E-04	1.00E-04	0.0048663	0.00988758	1.00E-04
0	0.004	0.05962746	0.10442991	0.08353431	0.10017445	0.03642803
0	0	1.00E-04	0.01246961	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.05274281	0.07512304	0.05290308	0.04768467	0.17654718
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.004	0.0399907	0.05776074	0.07453035	0.04207896	1.00E-04
0	0.004	1.15010808	1.22549317	1.76308816	1.65933073	1.34329106

0.028	0.041	1.65458151	1.80766421	1.70135183	1.94566646	1.66046609
0	0	1.00E-04	0.14391141	0.02539007	0.01140066	1.00E-04
0.004	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	0.03336729	0.03208104	0.0098703	1.00E-04
0	0	1.00E-04	1.00E-04	0.01330688	0.00555741	1.00E-04
0	0.004	1.00E-04	0.02112603	0.02662183	0.00633755	1.00E-04
0	0.004	0.75511962	0.83388187	0.67589498	0.7287178	1.08151598
0	0	0.04802345	0.02544945	0.04512763	0.02466375	1.00E-04
0	0	1.00E-04	1.00E-04	0.00185511	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.0103481	0.00490782	1.00E-04
0	0	0.02025114	0.03162794	1.00E-04	0.00997105	0.15837646
0.004	0.004	0.52121698	0.63089317	1.15978873	0.95820748	1.01390754
0	0	0.00726784	0.03786564	0.09412799	0.09156925	1.00E-04
0	0	0.14068519	0.15719291	0.13167802	0.17943061	0.06222853
0	0	0.03670738	0.03722257	0.10413015	0.08356123	1.00E-04
0	0	1.00E-04	0.03888412	0.02141631	0.03628577	1.00E-04
0	0	1.00E-04	0.08789127	0.02177838	0.01355235	1.00E-04
0	0.004	1.00E-04	0.1560799	0.17516572	0.13856923	1.00E-04
0	0	0.14708309	0.24329771	0.30486394	0.29975105	0.52820957
0.004	0	0.7733893	0.43698864	0.43899825	0.5777917	0.60420225
0	0	1.00E-04	0.01485114	1.00E-04	1.00E-04	1.00E-04
0	0.008	0.375922	0.40449265	0.43544838	0.56552497	0.17121608
0.008	0.008	0.89103184	1.13273544	0.83552595	1.06520943	1.07505634
0	0	0.24330628	0.25021275	0.13681598	0.28053516	0.2011002
0.06	0.074	1.3202705	1.64264414	1.480222	1.68646497	1.75447076
0.028	0.004	0.97617183	1.49504728	0.74763656	0.80981699	1.2579898
0	0.008	0.01270335	0.04565215	0.00940524	0.01112107	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.31103726	1.07950747	0.70614681	0.97848699	0.54013878
0	0	0.01875647	0.09417371	0.06423535	0.08417722	0.05010145
0.036	0.008	1.51203147	1.81783625	1.3581537	1.61309193	1.63452913
0.024	0.012	0.38847978	0.10984029	0.37804177	0.40315371	0.18489556
0	0	0.1386681	0.03539636	0.07002886	0.07421544	0.08076337
0.004	0.004	0.02712878	0.00881984	0.00992536	0.00197077	1.00E-04
0	0	0.24581996	0.12009568	0.17464151	0.24152899	0.41117293
0	0	0.20453679	0.16342105	0.28038324	0.29070893	0.38612451
0	0	0.02365125	0.05123907	0.02884951	0.02212483	1.00E-04
0	0	0.06303682	0.05810066	0.14181162	0.07410389	1.00E-04
0	0.004	0.26337901	0.2471569	0.28807148	0.43237637	0.38818443
0	0	1.00E-04	0.04385648	0.00933274	0.01498088	0.07062081
0.004	0.012	0.13279475	0.11667667	0.1017948	0.09015134	0.36148304
0	0	0.09334856	0.00781519	0.00984023	0.0293395	1.00E-04

0	0	1.00E-04	1.00E-04	0.00986682	0.01500153	1.00E-04
0	0	1.00E-04	0.03315312	0.02522602	0.02333163	1.00E-04
0	0	0.02296648	0.07377746	0.03383549	0.04499842	1.00E-04
0	0	0.01855009	0.07365814	0.04909161	0.13103754	1.00E-04
0	0	0.49093345	0.02639693	0.07747771	0.10660153	0.16594403
0.008	0.012	0.2089797	0.23080402	0.37228576	0.28879967	0.22249194
0	0	1.00E-04	0.00543258	1.00E-04	1.00E-04	1.00E-04
0.048	0.074	1.73053298	3.02349675	1.86888973	2.1135126	3.34208288
0	0	0.20366169	0.7608988	0.11072314	0.22611954	1.17360947
0	0	1.00E-04	0.01710392	0.01176412	0.02371864	1.00E-04
0.004	0	0.06505816	0.13090278	0.05878716	0.06932846	1.00E-04
0.004	0	0.25189798	0.29089828	0.2140624	0.28683709	0.06890216
0.107	0.029	5.1327289	4.96683291	5.3279773	5.34841743	4.8515999
0.004	0.004	0.21107565	0.31436529	0.26217365	0.41507128	0.40206905
0	0	1.00E-04	1.00E-04	0.01325025	1.00E-04	1.00E-04
0.067	0.057	1.36006819	1.93926689	1.12809997	1.58150318	2.02045733
0	0	0.11310641	0.07173782	0.03439742	0.04342429	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.17223617	0.10728803	0.0359793	0.05402041	0.40566864
0.016	0.016	1.74278542	2.2578864	2.69081291	2.226904	2.45931564
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.119	0.102	2.59728201	2.48260427	3.06236688	3.03300399	3.05205077
0	0	0.06600806	0.25110388	0.17149876	0.2337049	0.17260556
0.008	0.02	0.76457013	1.0121232	1.03680213	1.22151079	1.30803506
0	0	1.00E-04	1.00E-04	0.00370271	1.00E-04	1.00E-04
0	0	1.00E-04	0.00553368	0.008299	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01233604	0.00236531	0.01044207	1.00E-04
0.004	0	1.00E-04	0.04690716	0.08635217	0.11690178	0.13423701
0	0	0.02427847	0.07211757	0.01726905	0.04105658	1.00E-04
0.008	0	0.06888861	0.15893194	0.05209923	0.08882701	0.05278877
0.004	0.02	1.25644062	1.28537865	1.14794389	1.24127883	0.72964807
0	0	0.06136993	0.10495996	0.04474822	0.09655354	1.00E-04
0.016	0.02	0.76328922	0.8946518	0.72082603	1.00892608	0.76389675
0	0	0.94395484	0.87853367	0.88501018	1.10522892	1.0123553
0.004	0.033	0.13852494	0.19259191	0.27816466	0.51553998	0.29451389
0	0	1.00E-04	0.0200955	0.01090836	0.01674814	1.00E-04
0.087	0.102	1.83100844	2.25492922	2.13750484	2.52672705	2.19998642
0	0	1.00E-04	0.0037129	0.00840693	0.02914241	1.00E-04
0	0	1.00E-04	0.09124514	0.05780169	0.0336284	1.00E-04
0	0.004	0.19228895	0.1323296	0.16055968	0.20187304	0.07794916
0.004	0	0.13886985	0.30116601	0.4331552	0.25026108	1.00E-04
0	0	1.00E-04	1.00E-04	0.00390471	0.00151702	1.00E-04

0.004	0.012	0.99101567	0.86770786	0.78164623	0.90572475	1.26166044
0.048	0.016	2.11068493	2.12085399	1.95851583	2.07259806	2.20266724
0	0	0.11578141	0.05744417	0.08350889	0.15457074	0.6201843
0	0	0.1497072	0.07533662	0.06702892	0.05657346	0.03449192
0	0	1.00E-04	0.00616006	0.0438664	0.0188865	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.03750564	0.27156532
0.004	0.004	2.06635433	2.4932355	1.7635945	1.9467747	1.19544398
0	0	0.15226031	0.18456595	0.19716766	0.37596911	0.19744868
0	0	0.07430013	0.27054377	0.11006618	0.12244566	0.15727714
0.004	0	1.66742209	2.32806956	0.99466799	1.04437361	0.94582597
0	0	1.00E-04	0.0137657	0.02000711	0.0147506	1.00E-04
0	0	0.00899921	0.02142017	0.00451775	1.00E-04	1.00E-04
0	0	0.01829782	0.06603146	0.02552515	0.02418242	0.27889781
0	0	1.00E-04	1.00E-04	0.00955247	0.00737994	1.00E-04
0.04	0.045	1.05435831	1.32930095	1.6613944	1.34141263	1.51116704
0	0	0.02198079	0.02284885	0.02283552	0.05764646	1.00E-04
0.004	0	0.625074	0.88319362	0.53199847	0.69676154	0.6132987
0.02	0.008	0.74094972	1.09055507	0.77533621	0.98599725	1.10003389
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02667599	0.0997567	0.03266321	0.02809499	0.14730544
0.274	0.262	0.46590285	0.44848763	0.43579433	0.4477331	0.67575521
0.004	0.008	0.87626833	0.67128063	0.72562703	0.62246507	0.48108843
0.635	0.48	4.39454349	4.3602062	4.10438876	4.239879	4.39823538
0.012	0.041	0.51375735	0.51002753	0.56778432	0.72496197	0.5819851
0.091	0.09	1.73416097	1.97018166	2.01132694	2.19759236	2.31157663
0	0	0.05320478	0.03368357	0.00985312	0.0108664	1.00E-04
0	0	1.00E-04	0.0164882	0.00202759	0.0065001	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01399536	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00204001	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00242784	1.00E-04
0	0	0.05382573	0.01918441	0.00493741	0.0068561	1.00E-04
0	0	1.00E-04	1.00E-04	0.00124281	0.00212601	1.00E-04
0	0	1.00E-04	0.02185689	0.0137096	0.01122809	1.00E-04
0	0	0.27727739	0.410846	0.48163169	0.2860731	0.78293823
0.052	0.033	1.11847158	1.348208	0.94785716	1.0895628	1.99505751
0.008	0.004	0.96106422	1.24456802	0.83393587	0.92205695	1.10069335
0	0	1.00E-04	1.00E-04	0.00343434	0.01020334	1.00E-04
0.012	0.004	0.36853578	0.48456235	0.44629217	0.56741271	0.52128052
0.012	0.004	0.86084179	0.99929916	0.96646841	1.0907001	0.76327081
0	0	1.00E-04	1.00E-04	0.01758947	0.02123901	0.04895027
0	0	0.00950453	0.05360991	0.09128597	0.09175299	1.00E-04
0.02	0.033	0.75725039	1.01494305	1.03079703	1.18280404	0.8444225
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0	0	1.00E-04	0.00902948	1.00E-04	0.00101133	1.00E-04
0	0	1.53192944	1.33840021	1.26264224	1.60031438	0.25708587
0.282	0.213	4.21542339	5.11106225	6.14196204	5.1867184	4.55665142
0.008	0	1.49564053	1.75577539	2.15899123	1.52193415	1.43566765
0.052	0.008	1.80427257	1.92153665	1.54947391	1.59557435	1.35546183
0.008	0.008	0.38835039	0.57245075	0.3285342	0.28904881	0.21046343
0.008	0.045	1.38781483	1.56472878	2.04538083	2.19924129	1.76756408
0	0	0.57083075	0.68428986	0.32938306	0.41147223	0.51969863
0.008	0.004	0.23946163	0.21155868	0.17482583	0.16766169	0.31898634
0	0	1.00E-04	0.00585922	0.02180817	0.01345763	1.00E-04
0.012	0.004	0.15821707	0.41886642	0.23964777	0.24873414	0.50670016
0.063	0.049	1.05238934	1.13550745	0.91994254	1.16056611	1.70590593
0.004	0	0.09341482	0.09528143	0.01688918	0.04147989	0.37583915
0	0	0.01468666	0.03928872	0.00940311	0.0183554	1.00E-04
0	0	1.24902528	1.27056449	1.08362779	1.18778181	1.33660951
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.107	0.082	4.01183818	4.17331729	4.54935542	4.24507648	4.18972954
0	0	1.00E-04	1.00E-04	1.00E-04	0.00233647	0.04968975
0	0	0.41639078	0.62347721	0.41757485	0.45007255	0.44509959
0	0	0.18927334	0.21636428	0.14594736	0.10627664	0.33131729
0	0	0.12800314	0.14608791	0.11401831	0.12945503	0.05641945
0	0	0.10497162	0.083147	0.1110234	0.06445881	0.14758981
0	0	1.00E-04	1.00E-04	0.01244864	0.01045802	1.00E-04
0.004	0.02	0.48472557	0.34964863	0.36097829	0.58154124	0.61306476
0.004	0	0.39705062	0.57439734	0.28164058	0.34155389	0.42595962
0	0	0.17188541	0.21962975	0.0834537	0.15979465	0.1307025
0.028	0.029	0.03693374	0.18317426	0.20219317	0.19549114	0.03983906
0.016	0.025	2.19739368	2.25753381	2.01787628	2.3857941	1.88361908
0	0.008	1.00E-04	0.02095673	0.03098345	0.03695618	1.00E-04
0.012	0.02	0.83722054	1.03216998	1.09084511	1.33694261	0.54352861
0	0	1.00E-04	1.00E-04	0.01420507	0.00495603	1.00E-04
0.004	0	0.40913781	0.69397576	0.34221568	0.51534633	0.76499734
0.079	0.111	2.2884301	2.55572729	2.13013924	2.5169345	2.04753185
0	0	0.01481804	0.04164156	0.04656996	0.0920458	1.00E-04
0	0	0.30064579	0.11602101	0.10063352	0.0920426	0.20780727
0	0	1.00E-04	1.00E-04	0.0174532	0.04555869	1.00E-04
0	0	1.00E-04	0.04598929	0.00623626	0.02980741	1.00E-04
0	0	0.28036111	0.32584815	0.26385374	0.36534847	0.4747871
0	0	1.00E-04	1.00E-04	0.00367894	1.00E-04	1.00E-04
0	0	0.03066241	0.07913295	0.05188281	0.07225078	1.00E-04
0	0	1.00E-04	0.01065596	0.01414431	0.00436687	1.00E-04
0	0	0.04673978	0.11213005	0.04017598	0.06338946	0.0483757
0	0.004	0.03385456	0.08264278	0.10536682	0.15385907	1.00E-04

0	0	1.00E-04	1.00E-04	0.00305022	1.00E-04	1.00E-04
0	0	0.00951992	1.00E-04	1.00E-04	0.00852016	1.00E-04
0	0	1.00E-04	0.00695467	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02416751	0.01490502	0.00524767	1.00E-04
0	0	0.03883814	0.06865489	0.062484	0.08490332	1.00E-04
0.008	0	1.46307616	1.50848005	1.1931636	1.21102451	1.21242141
0	0	0.7408023	0.66248696	0.62808213	0.82332224	0.54296802
0.028	0.037	1.45362308	1.59000662	1.98600921	1.95511133	1.42821192
0.016	0.016	1.36158643	1.51003154	1.53986312	1.7936352	1.25162968
0	0	1.00E-04	0.01680812	0.0285033	0.03899933	0.06019676
0.004	0.02	0.43377777	0.7945897	0.64243486	0.74348704	0.93811439
0.016	0.02	1.50188799	1.88043578	1.19737142	1.27397039	1.7584619
0	0	0.19967166	0.16198058	0.10441902	0.14079227	0.21537223
0.004	0.016	0.0554561	0.01561784	0.01099717	0.01029688	1.00E-04
0	0	0.01671957	0.07053801	0.04309735	0.04315105	1.00E-04
0	0	0.03042433	0.0503801	0.02465055	0.03913091	1.00E-04
0	0.004	1.00E-04	0.00616885	0.00774258	0.01285382	1.00E-04
0.036	0.004	0.45632607	0.65258707	0.50215652	0.6245491	0.59829562
0	0.004	0.36531048	0.46175541	0.4072967	0.55129957	0.43264954
0	0	1.00E-04	0.04240253	0.01536982	0.00890961	1.00E-04
0.004	0	0.2474391	0.40634293	0.38752287	0.58047112	0.31511571
0	0	1.00E-04	1.00E-04	0.00526626	0.00336827	1.00E-04
0	0	0.01434387	1.00E-04	1.00E-04	0.01126071	0.0875588
0	0	1.00E-04	1.00E-04	0.00271404	0.0038737	1.00E-04
0	0	0.38597709	0.1211478	0.01216299	0.02637534	0.31513656
0	0	1.00E-04	0.02194788	0.00901279	0.01963944	1.00E-04
0	0	1.00E-04	0.06038059	1.00E-04	0.00733744	1.00E-04
0	0	0.90443199	0.28178288	0.23535008	0.1566414	0.14155918
0	0	0.03473038	1.00E-04	0.00333828	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02746965	0.07349738	0.18851908	0.23757995	0.27232799
0	0	0.01295534	0.064205	0.03260104	0.01355541	1.00E-04
0.004	0.012	1.05524415	1.25055701	1.03987613	1.33159277	0.77229309
0.139	0.098	3.35492016	3.53343124	2.99527535	3.15063386	3.81612451
0	0	0.03705277	0.08083168	0.02780146	0.03282837	1.00E-04
0	0	1.00E-04	0.03522122	0.03668133	0.05155875	1.00E-04
0	0	0.20779295	0.16772682	0.1457615	0.20842647	0.12063562
0	0	1.00E-04	1.00E-04	0.00116331	1.00E-04	1.00E-04
0	0	1.00E-04	0.02822985	0.00714444	0.01240242	1.00E-04
0	0	1.00E-04	0.03409798	0.01406255	0.02674911	1.00E-04
0.012	0.004	0.78143825	0.63542901	0.36430716	0.43887354	0.46832418
0	0	0.02279047	0.102276	0.08503273	0.04532871	0.13664679
0	0	0.14520577	0.16716137	0.0930453	0.17832357	0.08027458

0	0	1.00E-04	1.00E-04	1.00E-04	0.00174117	1.00E-04
0	0	1.00E-04	0.04189737	0.01021888	0.00286447	1.00E-04
0.079	0.102	2.24457904	2.0037677	3.27784905	3.31659466	2.75393745
0.044	0.025	0.93690202	0.86225094	0.96627594	1.25655721	1.11633777
0	0	1.78930739	1.99233458	1.722249	1.95125235	1.9799363
0	0.008	0.1987211	0.36942168	0.5940867	0.51893597	0.30678849
0	0	1.00E-04	0.00404676	1.00E-04	1.00E-04	1.00E-04
0.004	0.008	0.1049154	0.22789815	0.15596272	0.37613849	0.33128743
0	0	1.00E-04	0.02038406	0.00838855	0.03025488	1.00E-04
0	0.004	1.00E-04	0.01203292	0.05365008	0.06944123	1.00E-04
0	0	0.27048623	0.36186264	0.30973258	0.38503327	0.2999691
0.012	0.012	1.05762706	1.36501356	1.31688592	1.46832892	1.33065263
0	0	1.00E-04	0.01277243	0.00196392	0.00424261	1.00E-04
0.004	0	1.00E-04	0.01413102	0.03603487	0.03909822	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00260097	1.00E-04
0	0	0.06052778	0.09282916	0.08326629	0.09996083	0.14831817
0	0	0.33325123	0.21634935	0.04252085	0.05538935	0.11641855
0.155	0.143	4.10861851	4.00279606	3.76085747	4.15033534	3.59278439
0	0	0.04513562	0.12053969	0.01299148	0.02061798	1.00E-04
0	0	0.07771219	0.08586604	0.06465175	0.0616287	1.00E-04
0.04	0.02	3.38659094	3.03028007	4.49361818	4.40291678	2.52298787
0	0	0.527039	0.47956425	0.57486684	0.7503897	0.40735887
0.004	0.004	0.02836627	0.12112302	0.08847985	0.16533382	1.29796926
0.004	0	1.00E-04	0.0495568	0.00792644	0.03039451	1.00E-04
0	0	0.02299032	0.01098033	0.0152759	0.01990137	1.00E-04
0	0	1.00E-04	0.01399871	0.01164834	0.00412825	1.00E-04
0	0	0.01773238	0.00896145	0.01767923	0.02623613	1.00E-04
0	0	1.00E-04	1.00E-04	0.00405984	0.00146674	1.00E-04
0.016	0.025	0.13318453	0.10062501	0.07409246	0.03971978	0.36212709
0	0	1.00E-04	1.00E-04	0.04536255	0.05348325	1.00E-04
0	0	0.0575488	0.07626111	0.07311673	0.04897486	1.00E-04
0	0	1.00E-04	0.02313966	0.00146287	0.03144609	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.30111043	0.45740301	0.31648258	0.26541099	0.2018588
0.075	0.049	1.05784957	1.4142201	1.32560782	1.67996302	1.3103415
0	0	0.02371135	0.01596053	0.0060938	1.00E-04	1.00E-04
0.024	0.016	2.54958968	2.6328993	2.22443216	2.47447191	2.31395761
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00661442	0.0098704	0.01956927	1.00E-04
0	0	1.00E-04	0.00478636	0.01647816	0.02077263	1.00E-04
0	0.004	0.17822178	0.20949111	0.17757867	0.20947902	0.23401843
0.083	0.066	2.23426116	2.03940222	1.69062995	2.10106812	2.50232697
0	0.012	0.25091808	0.36276808	0.31529185	0.41416391	1.85572719

0.016	0.008	0.79836634	0.83272641	1.07174663	1.32358404	1.10410862
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.083	0.119	0.98012026	0.8522941	0.88817018	1.10936835	1.29509337
0	0	0.02821154	0.01287437	0.01464016	0.02181781	1.00E-04
0	0	1.00E-04	0.02262311	0.00648006	1.00E-04	1.00E-04
0	0	0.01844474	0.0733615	0.05075086	0.04514621	0.04468977
0	0.004	0.18421901	0.22590766	0.22736191	0.30714402	0.14627613
0	0.004	0.401915	0.19194487	0.19455941	0.31158021	0.34295681
0.004	0	0.11719173	0.09151649	0.07847524	0.09588117	0.09080374
0	0	1.00E-04	0.01093505	0.03864255	0.01334324	1.00E-04
0	0	0.48817017	0.59615394	0.95277801	0.88350298	0.54874047
0	0	1.00E-04	1.00E-04	1.00E-04	0.00135375	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.016	0.008	0.23918811	0.34956882	0.32750286	0.64619759	0.15316799
0.02	0.025	0.79585807	0.84629453	0.75962089	1.17143801	0.99566342
0	0	1.34388956	1.2433406	1.31537625	1.27144818	1.10069039
0.02	0.025	3.41207528	3.54485309	4.06539093	3.9597405	3.17565876
0.012	0	0.14134216	0.09182037	0.13439512	0.15618686	0.1155057
0.052	0.053	1.01534088	1.19703482	1.27594277	1.49672444	1.31200934
0.393	0.393	3.47372503	3.6521896	4.41374007	4.32711635	4.02964025
0	0	0.07175158	0.0608399	0.06282507	0.06851944	1.00E-04
0	0.008	0.22948304	0.29225115	0.34509804	0.3794601	0.20874147
0	0	0.03536023	0.02993418	0.01899928	0.01177592	0.04715504
0.063	0.061	2.08823931	2.27558819	2.65131033	2.61160346	2.11793955
0	0	1.00E-04	1.00E-04	0.00241456	0.00692264	1.00E-04
0.004	0	0.08567041	0.11350283	0.11325325	0.1934388	0.13346073
0	0	1.00E-04	0.02875485	0.00210616	0.01053559	1.00E-04
0.004	0.008	0.19182385	0.20916889	0.15684023	0.15376801	0.13486031
0	0.004	0.29744697	0.33003264	0.13228159	0.13975456	1.00E-04
0	0	0.10607349	0.16341751	0.12381187	0.18486546	0.32666679
0	0	1.00E-04	0.0121271	0.01425522	0.01837917	1.00E-04
0.004	0	0.01599593	0.04009591	0.02342571	0.04149887	1.00E-04
0	0	0.00970422	0.01262306	0.04476206	0.04752685	0.19259774
0	0	0.57475939	0.56286102	0.25384502	0.24257204	0.85811983
0.024	0.025	1.71561985	1.78739472	1.21126878	1.54881159	1.89141532
0.361	0.389	3.21705796	3.2775693	4.44091708	4.15966469	3.73643164
0	0	1.74010615	1.69846057	1.02321518	1.08841133	1.70508612
0.052	0.066	0.95663076	1.2287407	1.37248904	1.52540957	1.39199357
0	0	1.00E-04	1.00E-04	0.01068759	0.00368316	1.00E-04
0	0	0.29371109	0.31557746	0.60884512	0.53546121	0.30670632
0.095	0.143	2.00538364	2.4270465	2.04394057	2.37633509	2.56741824
0	0.004	1.00E-04	0.01468446	0.01151498	0.00414431	1.00E-04
0.004	0.004	0.09944444	0.31203997	0.18215774	0.27832813	0.30660329

0.131	0.197	3.94530053	3.67702157	3.55285744	3.64383371	4.11460255
0	0	1.00E-04	1.00E-04	1.00E-04	0.02051007	1.00E-04
0.036	0.029	1.92765804	2.09065898	1.74540265	2.12515859	2.2873023
0.048	0.066	1.52525421	1.78494081	1.61488432	2.02337532	2.00798211
0.115	0.074	1.67464305	2.09608254	2.02380868	2.25883859	2.37018732
0	0.004	1.00E-04	0.00836776	0.01465738	0.00984592	1.00E-04
0.004	0.004	0.21772165	0.39797734	0.27428431	0.21544798	0.3337701
0.02	0.02	0.84891362	0.92210174	1.09534092	1.26503115	0.97829526
0.012	0.004	1.00E-04	0.06857314	0.03606119	0.06467936	1.00E-04
0	0	0.00919308	0.11083462	0.04277204	0.07034545	0.05801993
0	0.004	1.00E-04	0.09028997	0.04599826	0.06225886	1.00E-04
0	0	0.1457836	0.04825761	0.09103602	0.11597927	0.06289851
0	0	1.00E-04	0.00975389	0.08108636	0.08232476	1.00E-04
0.008	0.012	0.56506771	1.04419616	0.69536427	0.7737263	1.00859883
0.016	0.012	0.96874935	1.01984304	0.70337333	0.92238815	1.01877929
0	0	0.17609589	0.1827262	0.33210259	0.35753999	0.09335418
0.004	0	0.80141105	0.94887962	0.9276999	1.07529569	0.7976812
0	0	0.02594355	0.03834158	0.01326583	0.02404141	1.00E-04
0	0	0.02949592	0.01420932	0.00539336	0.0610001	1.00E-04
0	0	1.00E-04	1.00E-04	0.01913237	0.01657926	1.00E-04
0	0	0.09470167	0.47069065	0.10201937	0.18827425	1.00E-04
0.048	0.012	0.14841632	0.12411831	0.22148716	0.51970661	1.18524664
0.004	0.004	2.58285949	2.60502961	2.07500039	2.48116093	0.89051358
0	0	0.30627565	0.33420067	0.15899697	0.26270444	0.32530068
0	0.004	1.00E-04	0.01464396	0.0191412	0.051957	0.12171078
0.052	0.012	4.59061588	4.75901534	4.99550418	4.95999826	4.02489103
0	0.004	0.99428142	1.12289221	1.32267794	1.60337791	0.7101204
0	0	1.00E-04	1.00E-04	1.00E-04	0.00307336	1.00E-04
0	0	0.03024253	0.09054481	0.03231864	0.06216628	1.00E-04
0	0	0.01350156	0.07902877	0.10960006	0.09924832	0.23892203
0	0	0.67168863	0.76484797	0.64095471	0.8610634	0.50129539
0	0	0.03627404	0.03140579	0.1333996	0.07033431	0.24817505
0	0.004	0.03050839	0.05752139	0.00671326	0.00966918	0.08738744
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.16363545	0.1845867	0.12261354	0.2516742	0.02867925
0	0	1.00E-04	1.00E-04	0.00293649	1.00E-04	1.00E-04
0	0	0.23431388	0.43064193	0.12444152	0.19549726	0.10305919
0	0	1.00E-04	1.00E-04	1.00E-04	0.01432531	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.14559879	0.1128839	0.07084507	0.11014273	0.0594728
0.012	0.012	0.17596647	0.25002829	0.36201015	0.31999029	0.26123807
0	0	0.02209161	0.00655195	0.01751652	0.03726459	1.00E-04
0.016	0	0.26730032	0.26575165	0.16728715	0.25246825	0.32213964

0	0	0.02300558	0.0203301	0.01175854	0.00164919	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00578211	0.00379104	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00085696	1.00E-04
0	0	0.11983903	0.07908481	0.04238382	0.07998261	1.00E-04
0.008	0.016	0.25684715	0.36678524	0.54551069	0.45114825	0.45730315
0.004	0.016	0.16850064	0.28814374	0.24952142	0.235703	0.16704065
0.008	0	0.40345494	0.35512834	0.75798841	0.57800723	1.8134437
0.008	0.012	0.94639792	0.90108119	0.85394661	1.14508933	1.09860979
0.004	0.037	1.10895703	1.02715977	1.01550455	1.39727457	1.08754671
0.004	0	1.00E-04	0.01320672	0.0444832	0.0021354	1.00E-04
0	0.004	0.13535129	0.14490218	0.13692313	0.1649721	0.49137186
0.032	0.004	0.67066826	0.80420503	0.46078152	0.66905848	0.54628216
0	0	1.00E-04	0.01889503	0.03491214	0.0456299	1.00E-04
0	0	0.23313729	0.17907225	0.21360251	0.2866438	0.34971077
0.012	0.004	1.1623868	1.1750053	0.87090171	1.0076788	1.39921317
0	0	1.00E-04	1.00E-04	0.02293832	1.00E-04	1.00E-04
0	0	1.00E-04	0.00641605	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00175494	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00125068	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.024	0.033	0.95062714	0.79118075	0.99290333	1.26511826	0.45866676
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00707534	1.00E-04	0.00400468	1.00E-04
0.004	0.004	1.00E-04	0.01006347	0.23649249	0.09233565	1.00E-04
0	0.004	0.14233237	0.18929645	0.28711339	0.23924436	0.2177709
0	0.012	0.18835306	0.33500085	0.19750393	0.27530921	0.07728336
0	0	1.00E-04	1.00E-04	0.0075782	0.01346195	1.00E-04
0.004	0.004	0.10625282	0.14366073	0.13944766	0.14351744	0.12264202
0	0.008	0.02481242	0.06722557	0.03604837	0.04485871	0.10270211
0.024	0.016	0.82476761	0.78495847	0.93128441	0.917397	1.07300081
0.004	0.004	0.87307792	0.94487458	0.71760268	0.89732028	0.65497757
0.048	0.008	1.93797623	2.05126886	3.05795101	1.7876737	2.73311662
0.063	0.041	2.00833724	2.17454731	2.75123432	2.36627583	2.60073354
0.028	0.029	0.34449788	0.68875573	0.63514468	0.57480188	0.91182696
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.091	0.086	0.8029613	1.02228635	1.13181454	1.25515736	1.39372429
0.008	0.029	0.10534144	0.1332624	0.10060133	0.0968225	0.06861261
0.004	0.004	0.17241201	0.13720891	0.12285445	0.18111594	0.18447408
0.004	0.004	0.13333701	0.12766922	0.110345	0.14474377	0.07653089
0	0	0.08418707	0.26372548	0.09936659	0.11627703	0.43540211

0.004	0	0.05187261	0.11396352	0.05437895	0.06706924	0.24521621
0	0	0.04066313	0.03506409	0.0290728	0.01169534	0.35483462
0	0	0.05477939	0.02027605	0.00894344	0.00132562	1.00E-04
0	0	1.00E-04	0.02722066	0.02470959	0.03515244	0.30776367
0.111	0.078	2.58283389	2.85939686	2.77468612	2.90990547	2.94342165
0	0	1.00E-04	0.01995382	0.02523626	0.01140518	1.00E-04
0	0	0.32544376	0.64426932	0.21651376	0.221773	0.12264202
0	0	0.04291216	0.22065845	0.06675926	0.08197565	0.15609003
0.02	0.016	0.28858221	0.24726174	0.33979702	0.25485889	0.30316657
0	0	1.00E-04	1.00E-04	0.00523525	0.00896911	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.131	0.135	2.95403625	2.71198754	2.73432969	2.87610223	2.90414609
0	0	0.0680122	0.07738133	0.04134249	0.02571911	0.05253243
0	0	0.0391957	0.05491992	0.07628788	0.10044955	1.00E-04
0.012	0.008	0.65212073	1.08443288	0.7085748	0.8665008	1.1463694
0	0	1.00E-04	1.00E-04	0.01230082	0.01907417	1.00E-04
0	0.008	0.69866094	0.9065843	0.73129119	1.10379522	0.47646519
0	0	1.00E-04	1.00E-04	0.01214079	0.00899478	1.00E-04
0	0	0.01773331	0.0433719	0.03264123	0.02399057	0.05174911
0.024	0.008	1.09741247	1.01728232	1.12747577	1.23705223	0.87289446
0.075	0.078	2.42391477	2.49605334	2.08922595	2.39225787	2.74435267
0.004	0	0.94477972	1.02450727	2.18177358	1.62558509	0.61115947
0.004	0.004	0.55600386	0.59105859	0.55754516	0.57966001	0.46404729
0	0	0.02465462	0.03394572	0.04204769	0.06288605	0.26764144
0	0.008	0.01213443	0.02270501	0.01376896	0.01900642	1.00E-04
0	0.004	0.17907348	0.17712563	0.29611599	0.24923575	0.35514241
0	0.004	1.00E-04	0.03999379	0.03586356	0.03183255	0.04404727
0	0	0.75619342	0.99868119	0.82520159	0.79525773	1.01602414
0.048	0.037	1.98569807	2.12408101	2.13605015	2.31863847	1.65211309
0.004	0	0.15041504	0.14001961	0.16416223	0.26159362	0.17686112
0	0	1.00E-04	1.00E-04	1.00E-04	0.02810034	1.00E-04
0.004	0.008	0.42339025	0.49034634	0.39444464	0.5352067	0.60288752
0	0	0.05353601	0.11690842	0.08634967	0.06586382	0.2735432
0.008	0.008	0.41663417	0.31985203	0.41024517	0.65426501	0.35932142
0	0	0.02447249	0.01381341	0.04837967	0.03429078	1.00E-04
0.008	0.008	0.19114921	0.26448441	0.19682062	0.25559682	0.16413755
0	0	1.00E-04	0.02065482	0.01311418	0.006039	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.03443175	0.03579911	0.02100667	0.02212661	0.17303727
0.004	0.008	1.59806123	1.67678669	1.74201768	1.93799971	1.46077617
0.052	0.049	1.63862881	1.90987876	2.1590632	2.26782841	1.79813023
0	0.004	0.39198361	0.4328227	0.45931398	0.44596939	0.06960887
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0	0	1.00E-04	0.03734857	0.04358314	0.06841802	1.00E-04
0	0	1.00E-04	0.00349215	1.00E-04	0.0019735	1.00E-04
0	0	1.00E-04	0.00340132	0.01167367	0.01821241	1.00E-04
0.012	0.008	0.0282187	0.04685764	0.09264175	0.10476448	0.27789513
0	0	1.00E-04	0.02783871	0.00465074	0.01817975	1.00E-04
0.012	0.008	3.35458844	3.3636347	2.70445058	3.29237197	2.75181683
0.012	0.008	1.47429713	1.83244389	2.72498202	2.37719039	2.12561788
0	0.008	0.53506545	0.44729307	0.72831097	0.78516219	0.62229608
0	0	0.03611778	0.02611761	0.02747921	0.02654053	1.00E-04
0	0	0.47812549	0.21999417	0.08941344	0.14105272	0.15598449
0.012	0.012	1.80963442	1.57535765	0.94289026	1.21808496	1.1342594
0	0	1.00E-04	0.01190645	0.00616061	0.01613772	1.00E-04
0.004	0.004	0.08338458	0.22069872	0.21617688	0.13798052	0.16810537
0.004	0	0.07343288	0.12200862	0.06144629	0.07275113	0.1844177
0	0	1.00E-04	1.00E-04	0.01280103	0.0069269	1.00E-04
0	0	0.3031417	0.28892436	0.39831453	0.46328297	0.53619957
0	0	0.01311102	0.13494871	0.09702027	0.18591489	0.03010564
0.004	0.004	2.05923563	2.6813011	1.79786854	2.25896691	1.29641959
0	0.004	1.23274821	1.79645393	0.96648316	1.32163378	0.47044356
0	0	0.04091778	0.04524764	0.03107282	0.07037892	1.00E-04
0	0	0.0676793	0.02988799	0.02748609	0.02733951	0.17450871
0	0	1.00E-04	0.02369862	0.01902783	0.02142405	1.00E-04
0	0	0.0398333	0.0124443	0.00496867	0.00464062	1.00E-04
0	0	1.00E-04	0.00941631	1.00E-04	0.00187933	1.00E-04
0.008	0.016	0.18022841	0.11564239	0.24580471	0.27357001	0.32646779
0.016	0.016	0.31448263	0.55896421	0.42952923	0.39436961	0.24466082
0.004	0	1.23898275	1.48394359	0.92193997	0.88590883	0.45040123
0	0	1.00E-04	1.00E-04	0.00288111	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0219473	1.00E-04
0	0	0.12293865	0.03956626	0.09690593	0.06645903	0.3356302
0	0	0.01670883	0.02890375	0.02867041	0.04171511	1.00E-04
0.028	0.004	1.40722629	1.45865958	1.29775835	1.53359693	1.2736091
0	0	1.00E-04	1.00E-04	0.01542969	0.01736794	1.00E-04
0	0	1.00E-04	1.00E-04	0.0354432	0.06884369	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.425	0.447	4.04654605	3.60972527	5.24912094	5.05154681	4.47640902
0.004	0	1.00E-04	0.03696107	1.00E-04	0.01647174	1.00E-04
0	0	0.39274763	0.35161671	0.64740466	0.84098666	0.69922293
0.06	0.016	1.60515488	2.49782557	2.08649129	1.38247166	2.21921721
0.004	0	0.20532879	0.32030591	0.41354171	0.25700022	0.5605479
0	0	0.05672041	0.07585806	0.0746571	0.05920688	0.04122913
0.04	0.053	1.09503999	1.60494413	1.2906912	1.12759449	1.81023699
0	0	1.00E-04	1.00E-04	0.00831565	0.00359899	1.00E-04

0.012	0.016	1.28780359	1.54788204	1.28108931	1.60584306	1.27624548
0.012	0.033	0.68433075	0.76250939	0.97972108	1.21688823	0.97009481
0.008	0.008	0.55955299	0.49762233	0.55064989	0.54741173	0.47208705
0	0.004	0.07671675	0.11133344	0.12608003	0.16553856	0.09740589
0.091	0.119	1.81242057	1.86821246	2.22524975	2.3376907	1.77238987
0.008	0.037	0.83066058	0.88310364	1.11620283	1.31129976	0.85652169
0	0	1.00E-04	0.00634878	1.00E-04	1.00E-04	1.00E-04
0	0	0.18729989	0.02851457	0.03817174	0.05793313	0.0613517
0.02	0.008	1.88111413	1.88342633	1.86860292	2.27544401	2.16209619
0	0.004	0.12714389	0.1291064	0.22710825	0.43210595	0.57196083
0.016	0.016	0.84433108	0.72751601	1.38256295	1.22168581	1.08590006
0	0	0.0872856	0.09085232	0.12098482	0.08742709	0.08796405
0	0	0.17441076	0.13379104	0.22992234	0.27851533	0.07539586
0.036	0.045	0.50570748	0.4179082	0.4440688	0.54442768	1.00E-04
0	0.008	0.0068407	0.04651261	0.05880669	0.11654632	0.05387945
0	0	0.04845904	0.02633579	0.01775044	0.01380173	0.13900482
0.004	0	0.08242989	0.05542008	0.0562924	0.07539085	1.00E-04
0.008	0.004	0.18414686	0.16393662	0.18023545	0.23094203	0.04798512
0.02	0.016	1.15853235	1.11941906	1.25307693	1.48959552	1.31106989
0	0.004	0.39291377	0.41404994	0.86740868	0.67246868	0.79246845
0.028	0.033	1.5647764	1.91031157	1.94902998	2.35530497	1.77218451
0.032	0.061	0.05586076	0.18696769	0.13819602	0.20610669	0.17357414
0.004	0	0.03454497	0.10517538	0.16198835	0.15728613	0.04012068
0.016	0.025	1.58758311	1.73578386	1.93600391	2.01323357	1.42057997
0	0	0.02251032	1.00E-04	1.00E-04	0.00456553	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01200693	0.0050178	1.00E-04
0	0	1.00E-04	0.02380296	0.00947172	1.00E-04	1.00E-04
0.004	0.008	0.83320539	0.78025734	1.03907446	0.97524421	0.92709802
0	0	1.00E-04	0.00814322	0.02605954	0.00724955	1.00E-04
0.056	0.041	1.06179216	1.15604222	1.06350347	1.35926857	1.46724248
0	0	0.05827462	0.01330655	1.00E-04	0.00594554	1.00E-04
0	0	1.00E-04	0.01296369	0.02240359	0.01242412	1.00E-04
0	0	0.06373511	0.10216172	0.07428898	0.07767797	0.0356975
0.052	0.037	1.4852177	1.60176142	1.74978811	1.80852018	1.75112274
0.004	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02	0.045	1.00E-04	0.02898251	0.02483965	0.01851857	1.00E-04
0.067	0.053	3.45825164	3.80008708	3.6077965	3.67661056	3.50491175
0	0	0.88316701	1.00541941	0.83568788	1.01526483	1.09110502
0	0	1.00E-04	0.03565571	0.01559064	0.01560496	1.00E-04
0	0	1.00E-04	0.05002652	0.00863754	0.01504226	1.00E-04
0.004	0	0.22797224	0.43117863	0.20662544	0.22277567	1.00E-04
0.028	0.037	0.67742693	0.61436451	0.65528732	0.84789227	0.61742826

0	0	0.1146809	0.28486515	0.15979336	0.12962443	1.00E-04
0.004	0.004	0.53178358	0.58332827	0.76895542	0.45918421	0.19445673
0	0	0.00950478	0.03326558	1.00E-04	0.02806446	1.00E-04
0	0	1.00E-04	1.00E-04	0.00761141	0.00187162	0.06363567
0	0.004	1.68367418	1.92978476	2.01573323	2.02164085	2.19226261
0.004	0	0.08256694	0.14235876	0.09532446	0.13149946	0.49180786
0	0.004	0.00564791	0.06228338	0.06990107	0.06388702	1.00E-04
0	0	0.06582767	0.06211502	0.06278281	0.03855184	0.03148474
0	0	1.00E-04	0.00880392	1.00E-04	1.00E-04	1.00E-04
0	0	0.85003341	0.90516355	0.86954692	0.91886431	1.26815971
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00611823	1.00E-04	0.00208878	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00875148	1.00E-04
0	0.004	1.00E-04	0.03338125	0.07235596	0.06639285	1.00E-04
0.032	0.053	1.56400159	1.61787154	1.47669018	1.59843076	2.1139877
0	0	0.02070682	1.00E-04	0.01003514	0.02028995	1.00E-04
0.016	0.012	0.7010829	0.70111042	0.69439125	0.68682022	1.5753322
0.004	0	0.02405993	0.02510671	0.00493832	0.02099914	0.33477819
0.052	0.09	1.86945956	1.9889272	2.76769728	1.86641265	2.80252939
0.032	0.02	1.27116862	1.25051058	1.58325725	1.64303584	1.35458262
0	0.004	0.68507067	0.71531269	0.62304518	0.78350254	0.78331666
0	0	1.00E-04	0.05479947	0.01060283	0.00601358	1.00E-04
0.008	0	0.69023628	0.56829011	0.40663905	0.41846636	0.55578807
0.008	0	0.22645869	0.35921607	0.48894316	0.48252636	0.19059377
0	0	0.1383367	0.17268438	0.19367874	0.29767285	0.03844659
0.024	0.004	1.967614	1.68403382	2.29001967	2.40544314	2.34748215
0	0	0.01782438	0.01081637	0.00619771	0.00150592	1.00E-04
0	0	0.02695404	0.0082842	0.01690916	0.02284515	1.00E-04
0	0	0.26921226	0.13335722	0.05324445	0.07890072	0.07765619
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00599344	1.00E-04	0.00757072	1.00E-04
0.008	0.004	0.33700982	0.42354359	0.70637508	0.60378216	0.53927308
0	0	0.33485506	0.31032584	0.17444705	0.20453716	0.37875329
0	0.004	0.06395299	0.06831493	0.03218807	0.05705689	1.00E-04
0	0	0.21836857	0.43683411	0.13493993	0.16748562	0.52337525
0.04	0.016	0.63558995	0.78852694	0.66320981	1.07644747	0.67267748
0.004	0	0.0477588	0.14755007	0.04448116	0.19225942	1.00E-04
0.004	0.012	1.55542562	1.63677295	1.53484856	1.62572768	1.6975378
0.02	0.008	0.38344842	0.41861655	0.35110189	0.56061515	1.01632963
0	0	0.05598174	0.06701922	0.06934392	0.10154754	0.08703576
0	0	1.00E-04	0.0090354	0.01053864	0.01515542	1.00E-04
0	0	0.15260456	0.12967787	0.18321948	0.1901052	0.23369182
0	0	0.04584451	0.0290503	0.02858211	0.02342698	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00141028	1.00E-04
0	0	1.00E-04	0.00959439	0.0028473	0.0214414	1.00E-04
0	0	0.05222014	0.09490722	0.05459289	0.0708741	1.00E-04
0.004	0	0.24221062	0.26674803	0.393467	0.45957704	0.30211513
0.004	0.016	0.19927352	0.32352311	0.30397028	0.43511847	0.12707092
0	0	1.00E-04	1.00E-04	0.00139351	0.00560893	1.00E-04
0	0	1.00E-04	0.03315739	0.00981458	0.01731461	1.00E-04
0.004	0	0.16587032	0.1730891	0.25503546	0.34669962	0.15797822
0	0	0.00675549	1.00E-04	0.00520062	0.01963128	1.00E-04
0.115	0.107	4.06836185	3.49433148	3.16324633	3.22549038	4.11194651
1	1	12.0413847	11.7810203	10.9617998	10.7183006	11.4870655
0	0	0.21543385	0.2403512	0.24817787	0.30896064	0.04510021
0	0	0.11547843	0.14501322	0.22037552	0.24591498	0.150373
0	0	0.02414094	0.04267432	0.11858597	0.10270122	1.00E-04
0	0	0.04489241	0.01142557	0.01743645	0.00401646	1.00E-04
0.012	0.029	1.41574583	1.5500746	2.09358067	2.10282312	1.60901828
0	0	0.25061443	0.18146861	0.18101406	0.20458635	0.15622801
0.024	0.02	1.6843572	2.5551532	2.55558193	2.32256688	2.05824055
0	0	0.06307331	0.02755551	0.00696721	0.01339984	0.41749373
0.016	0.012	0.04466625	0.01951493	0.0192548	0.00656905	1.00E-04
0.397	0.32	5.10973158	5.74867838	5.94855132	5.83985309	5.03190573
0	0	0.15705593	0.13122638	0.11506359	0.05807114	0.19903116
0.052	0.074	1.18441713	1.15701378	1.09717662	1.34622164	1.50943942
0.028	0.02	2.47840597	2.66942099	2.35137257	2.86876855	2.47064558
0.028	0.016	0.72947005	0.61256906	0.82581823	0.96041659	0.86305923
0	0	1.00E-04	1.00E-04	0.01019654	0.01240894	1.00E-04
0	0	0.06741894	0.08416254	0.05197033	0.07780568	0.10804782
0.048	0.02	1.94177101	1.97947338	1.94495316	2.08280603	2.11201941
0	0	0.18140889	0.23635368	0.15819101	0.14235639	0.31406054
0.016	0	0.20756689	0.34269027	0.18859284	0.22246419	0.33214641
0.008	0	0.02682325	0.01348649	0.05423915	0.08045142	0.66375313
0	0	0.03217932	0.03238106	0.02624009	0.03305423	0.04058868
0.024	0.012	2.45452147	2.33330276	2.79926838	2.72818871	2.53451431
0	0	1.00E-04	0.00803595	0.01382973	0.01270486	1.00E-04
0.385	0.484	3.88801526	4.05592219	4.72277459	4.57901477	4.25017844
0	0	0.14267471	0.49439244	0.10631485	0.19803138	1.00E-04
0.004	0	0.09433517	0.1936416	0.13898582	0.15767808	0.07980506
0.008	0.004	0.39808531	0.40488612	0.31745736	0.42084601	0.09179587
0	0	1.00E-04	0.02697643	1.00E-04	0.00297615	1.00E-04
0	0.008	0.07696162	0.05100716	0.12383412	0.20653998	1.00E-04
0	0.004	0.09350112	0.0838012	0.07607794	0.09129603	0.18920112
0	0	1.00E-04	1.00E-04	0.00449095	1.00E-04	1.00E-04

0	0	0.01634972	0.0202633	0.02868271	0.01345106	1.00E-04
0.004	0.008	0.10135991	0.18369633	0.09642625	0.14676222	0.04344342
0	0	0.02105983	0.05940713	0.03957807	0.03302492	1.00E-04
0.056	0.008	1.51120788	1.63034323	3.06004596	1.38144553	2.56694744
0	0	1.00E-04	1.00E-04	0.00360757	0.00508682	1.00E-04
0.012	0	2.07027774	2.39013318	1.82675355	2.2205841	2.23229784
0	0	0.01836977	0.00753192	1.00E-04	0.00685798	1.00E-04
0.004	0.016	1.00E-04	0.00392838	0.0129712	0.00496036	1.00E-04
0.202	0.082	5.18443358	5.30897804	6.28591946	6.05908721	6.01136761
0.024	0.012	1.78934555	1.94481824	1.68223374	1.99097721	1.73443389
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00393445	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00884772	1.00E-04
0	0	0.04569364	0.07356971	0.02545235	0.0155908	1.00E-04
0.008	0.004	0.02236114	0.09344839	0.05465495	0.07788991	0.03919412
0	0	1.00E-04	0.13078576	0.21208223	0.15128833	1.00E-04
0.044	0.07	2.16592523	2.13491483	1.94406895	2.03847693	2.24347738
0	0	0.07879832	0.06985555	0.02747041	0.04181407	0.03022522
0	0	1.00E-04	0.01054825	1.00E-04	0.00326618	1.00E-04
0.016	0	0.24745062	0.24789167	0.1657477	0.24080998	0.41078122
0.004	0.008	2.80443222	2.36264757	2.17206362	2.19308083	1.83569759
0.004	0	1.30869692	2.78924954	1.52012572	1.59874965	1.04486055
0	0	0.10166401	0.06506305	0.03296237	0.02817669	0.07191576
0.079	0.074	0.11931456	0.12621719	0.22414836	0.22560264	0.34383772
0.004	0	1.00E-04	0.12285672	0.05568281	0.04990398	1.00E-04
0	0	0.10391916	0.09460715	0.13523058	0.09687485	0.17648148
0	0.004	0.07331568	0.127402	0.09392335	0.16327915	0.07310051
0.016	0.025	2.08337363	2.05063681	1.72185606	1.93548063	1.82388698
0	0	0.06314033	0.10144149	0.12366966	0.07601131	0.13800891
0	0	1.00E-04	1.00E-04	0.003022	1.00E-04	1.00E-04
0.008	0.016	0.33155783	0.35737524	0.41167935	0.41818138	0.60024872
0.345	0.365	4.34160257	4.31832267	5.2006598	5.04381179	4.62654819
0.008	0	0.67482436	0.47482673	0.49623039	0.78012687	0.61211584
0.004	0.02	0.78078139	0.95273413	1.47117875	1.31638892	1.15526154
0.004	0	0.99388619	0.81626286	1.13874178	1.09872767	1.33245854
0	0.004	0.04379112	0.14374412	0.07576953	0.09369453	1.85998659
0	0.012	1.1441286	0.91618974	1.04865008	1.05382133	0.94779397
0.048	0.037	0.0595033	0.11335915	0.10008941	0.10749649	0.51280979
0	0	1.00E-04	0.04418163	0.0135851	0.02940538	1.00E-04
0.008	0.004	2.5845903	1.91044979	2.32379913	1.81894856	2.4073183
0.242	0.238	2.83927806	2.68064045	3.95434827	3.69487713	3.25280302
0	0	0.32009476	0.06049347	0.04525704	0.04164182	1.00E-04
0	0.004	1.74476336	1.78792535	2.47416134	2.31228478	2.01025852

0.004	0	0.10370102	0.03352348	0.00679863	0.01586803	1.00E-04
0	0	0.48211939	0.33967134	0.53980948	0.67987254	0.47353291
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	1.00E-04	1.00E-04	0.0017471	0.00166326	1.00E-04
0	0	1.00E-04	0.01218426	1.00E-04	0.00698487	1.00E-04
0	0	1.00E-04	0.03947216	0.04325088	0.02759151	0.04462784
0.004	0	1.00E-04	0.01899274	0.00789748	0.01065474	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.18555844	0.13472592	0.20679514	0.25781533	0.08715084
0	0	1.00E-04	1.00E-04	0.00588659	0.03787999	1.00E-04
0	0	0.01534852	0.03322157	0.00613794	0.01196976	1.00E-04
0	0.004	0.47343641	0.45063125	0.66755326	0.60156598	0.23066697
0.004	0	0.0897355	0.03515677	0.0400022	0.05282978	1.00E-04
0	0	0.2427694	0.14357459	0.1419676	0.13035956	0.18574414
0.004	0.008	0.26781968	0.27748784	0.21401681	0.27213431	0.29045469
0	0	0.03795644	1.00E-04	1.00E-04	0.00189331	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0038723	1.00E-04
0.004	0.004	0.3266935	0.3391191	0.22518105	0.31830187	0.40213886
0.036	0.041	0.54779808	0.78106385	0.77258339	0.9069184	1.20934474
0.004	0.008	0.11762076	0.19674404	0.12552985	0.18176202	0.21890704
0	0	0.29015888	0.12160857	0.15803258	0.25456475	0.04764173
0.004	0	0.16459447	0.06503296	0.05869536	0.06776915	0.22700674
0	0	0.10221516	0.06768131	0.07371969	0.16998153	0.14217357
0	0.012	1.34605336	1.28972953	1.05454347	1.02261945	1.41320322
0	0.004	1.77984264	1.62275362	1.96293305	1.80653019	0.48110188
0	0	0.04219096	0.07708682	0.15718943	0.23371927	0.03885978
0.008	0	1.07967929	1.28501578	1.115202	1.24114143	0.90025054
0.016	0.008	1.01883363	1.47693229	1.60286413	1.14423295	1.98314426
0	0	0.33963066	0.30239204	0.16065089	0.22817703	0.20768695
0.028	0.008	3.46696436	3.83697456	3.56552551	4.00658617	3.66404578
0.008	0.004	1.92877776	1.99281605	1.54013665	1.79476671	2.26973928
0	0	0.0709529	0.09708695	0.08049458	0.1514599	0.24737001
0.004	0	0.02040765	0.08365508	0.05788994	0.03898196	1.00E-04
0	0	0.2382833	0.44641097	0.70117025	0.31863722	0.17154531
0	0	1.00E-04	1.00E-04	0.00147333	1.00E-04	1.00E-04
0.004	0.004	0.13834112	0.27823964	0.32680151	0.27754229	0.05387945
0.004	0	0.03587159	0.02556845	0.00796587	0.0186603	0.24703045
0.008	0.008	0.67893484	0.69639553	1.24189199	1.22098844	1.00390996
0	0	1.00E-04	1.00E-04	0.01808399	0.02570266	1.00E-04
0.016	0	0.73531339	1.0311019	0.94772164	1.1969992	1.52944033
0	0	1.00E-04	1.00E-04	0.00716236	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00300071	0.0055293	1.00E-04
0	0	0.23447929	0.28946919	0.14497674	0.1667378	0.2814058

0	0	0.42754822	0.33564762	0.34083399	0.3467732	0.06158912
0.032	0.037	2.28171981	2.4032574	2.41162775	2.52724428	2.03310659
0	0.004	0.07272619	0.0180999	0.01715955	0.02513947	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00351982	1.00E-04
0	0	1.00E-04	1.00E-04	0.00128834	0.00361024	1.00E-04
0	0	0.03922404	0.08598986	0.20103428	0.18515424	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.0691512	1.00E-04	0.00513014	0.00093228	1.00E-04
0.008	0	0.17821502	0.13503713	0.13535715	0.21851101	0.39090464
0.02	0.02	0.92417888	1.02606216	0.724295	1.03559669	1.07166609
0	0	0.45599702	0.41736709	0.49590415	0.41766224	0.58189896
0	0.008	0.21963188	0.11163256	0.03816653	0.09400205	0.16512215
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.31064622	0.23378389	0.2341159	0.33105105	0.60363192
0	0.004	0.37690224	0.52725247	0.23659904	0.27766798	1.00E-04
0	0	0.00941029	0.02772115	0.02038866	0.02114868	1.00E-04
0	0	0.02158463	0.13301131	0.09456462	0.10589424	1.00E-04
0	0	0.01006692	0.02227226	0.01388159	0.01091128	1.00E-04
0	0	0.12763152	0.00305126	0.00561712	1.00E-04	1.00E-04
0.004	0.004	0.2649569	0.32261943	0.15272036	0.25124461	0.19080589
0.004	0	0.13824589	0.24035242	0.25124701	0.2834283	0.47584058
0	0	0.008935	0.02002918	0.02376379	0.06234985	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.01310564	0.01026321	1.00E-04
0.028	0.029	1.20014053	1.20801939	1.62466648	1.68209489	1.34463377
0	0	0.00899921	0.06221361	0.0568505	0.06163835	0.05939881
0.02	0.025	0.86793332	1.02574938	0.98349883	1.16495982	0.62888401
0	0.004	0.0930121	0.07175693	0.06519589	0.08121346	1.00E-04
0	0	1.00E-04	0.02418179	0.0169445	0.01344847	1.00E-04
0	0	0.03853992	0.05373621	0.02456005	0.03757162	0.48765212
0	0	1.00E-04	0.05078953	0.02094426	0.03406775	1.00E-04
0	0	0.38791868	0.35746491	0.20035002	0.28667997	0.54147261
0	0	0.22518365	0.13020068	0.09377662	0.16289098	0.36730969
0	0	0.03528277	0.03989204	0.05191397	0.00829039	0.10792716
0	0	1.00E-04	1.00E-04	1.00E-04	0.00156019	1.00E-04
0	0	1.00E-04	0.05047826	0.04853399	0.02763768	1.00E-04
0	0	0.04696226	0.00407515	0.00815939	0.01709109	0.54715629
0	0	0.14426056	0.04606849	0.05575318	0.04340468	1.00E-04
0.004	0.004	4.73932293	3.22941142	2.70927093	2.6816907	0.71697344
0	0	1.00E-04	0.08688344	0.03622573	0.05395578	1.00E-04
0	0	1.00E-04	0.0151057	0.01504762	1.00E-04	0.26092866
0	0	0.49131902	0.66615835	1.17826474	1.03249535	0.84412384
0	0	0.12918204	0.28516941	0.28655079	0.34640665	0.49566724
0.004	0.004	0.31440069	0.40404749	0.38262201	0.44619873	0.32417412

0	0	1.00E-04	1.00E-04	0.01177089	0.00179074	1.00E-04
0	0.012	0.19882354	0.21009195	0.20238534	0.29688572	0.08668691
0	0	1.00E-04	0.05151894	0.00587521	0.00577043	1.00E-04
0	0	0.09732388	0.1128612	0.05464062	0.0425956	0.0344902
0	0	0.02129364	0.00314361	0.00340833	0.02613645	1.00E-04
0	0	0.12917501	0.28813406	0.48400782	0.20939481	0.81253519
0	0.004	0.01504687	0.04328978	0.02067828	0.0439377	1.00E-04
0	0	1.00E-04	1.00E-04	0.0137762	0.01360568	0.08421343
0.008	0.004	0.37013837	0.23833657	0.47128074	0.56907837	0.65087866
0.004	0.004	0.15654906	0.16849441	0.15019269	0.33435587	1.00E-04
0	0	0.01550195	0.00456462	0.01095586	0.01795853	1.00E-04
0.012	0.016	1.07327409	1.30263472	0.62550697	0.63349451	1.1078373
0	0	0.34302348	0.29845417	0.53303363	0.52562549	1.06642411
0.016	0.045	1.00E-04	0.01501057	0.10955871	0.13965185	1.00E-04
0.008	0.008	0.43801896	0.36771708	1.0688771	1.339628	1.81152417
0	0	0.11965545	0.13513918	0.08943386	0.07922599	0.19055831
0	0	1.00E-04	1.00E-04	0.01999741	0.07613331	1.00E-04
0.008	0.008	1.49949981	1.12561516	2.31035361	2.02986639	1.1431987
0.012	0.016	1.01211259	1.34181294	1.48647545	1.54430213	1.45358271
0	0	1.00E-04	1.00E-04	0.00196871	0.00879289	1.00E-04
0.036	0.033	0.97670297	0.84437895	0.79127304	1.02283959	0.87254236
0.012	0.012	0.66378832	0.59378594	0.92819342	0.88501268	0.88580018
0	0	1.00E-04	0.01944039	0.01126364	0.01684193	1.00E-04
0	0	0.35732227	0.44046397	0.24355771	0.40121498	0.07339504
0	0	0.13615191	0.32038546	0.14530418	0.16535417	1.00E-04
0.004	0.004	0.71045058	0.76430772	0.60570943	0.75666185	0.38691935
0	0	0.28609814	0.22244488	0.22952306	0.26170633	0.28931119
0	0	1.00E-04	0.00299806	0.00364174	0.01157965	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.73589817	0.62899908	0.2977386	0.38104255	0.32743925
0.127	0.111	3.61360416	3.81689125	3.21294646	3.32868754	3.56639187
0	0	0.53887279	0.71601809	0.3044432	0.41105752	0.21225046
0.016	0.012	0.73632028	1.18309534	0.48668052	0.7761357	0.49068633
0	0	1.00E-04	0.00273824	0.00239437	0.00591413	1.00E-04
0	0.008	1.02778787	1.26003633	0.61850432	0.59487892	1.01781698
0	0	1.00E-04	1.00E-04	0.0126174	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00199741	0.00216252	1.00E-04
0	0	1.00E-04	0.02669314	0.00320042	1.00E-04	1.00E-04
0.004	0	0.27930023	0.50805575	0.28452814	0.44031734	0.94836563
0	0	0.20816264	0.11027482	0.1172812	0.12670582	1.00E-04
0.008	0	0.19591587	0.37466959	0.30940302	0.39454175	0.25407623
0	0	0.1410283	0.33226705	0.06433016	0.11006395	0.13729871

0	0.008	0.02752425	0.06617462	0.07288465	0.06913626	1.00E-04
0	0	0.0547638	0.0767039	0.08341741	0.00871014	1.00E-04
0	0	0.02662663	0.13475543	0.1632605	0.15498675	1.00E-04
0	0	0.27691371	0.1895589	0.19062919	0.22829073	0.14090764
0	0	1.29693855	1.32638039	1.27283925	1.38326167	1.68845813
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.18231572	0.15400541	0.18015362	0.30606551	0.1855681
0	0	1.00E-04	0.011285	0.01547172	0.02186589	1.00E-04
0.004	0.008	1.00E-04	1.00E-04	0.00360757	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00498712	0.00159665	1.00E-04
0.004	0	1.13083988	1.32146121	0.89111446	1.07928775	1.02590816
0	0	0.34792249	0.18862423	0.08731579	0.06075485	1.00E-04
0	0	1.00E-04	0.09643401	0.02011719	0.03069737	1.00E-04
0	0	0.01421573	0.23051122	0.05758789	0.11791919	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00137207	1.00E-04
0.012	0.008	0.42918872	0.18541027	0.1978672	0.32300107	0.17857707
0	0	0.60340742	0.34262519	0.1428616	0.27553601	0.37633908
0	0	0.0259075	0.02530807	0.01211365	0.0241994	1.00E-04
0	0	0.07273671	0.06390132	0.02897463	0.05085774	0.08920581
0.004	0	0.13534711	0.3299816	0.54300837	0.47598303	0.33506841
0	0	0.29842945	0.41886814	0.14507086	0.08350942	1.00E-04
0	0	0.03531819	0.21786283	0.13809083	0.20651111	0.02867925
0	0	1.00E-04	0.01391343	0.00266964	0.01838661	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00477776	1.00E-04
0	0	1.00E-04	0.01122347	1.00E-04	0.00742656	1.00E-04
0	0	1.00E-04	0.00380669	0.00640248	0.00263699	1.00E-04
0	0	1.00E-04	0.00912006	0.01487542	0.00592751	1.00E-04
0.016	0.012	2.05958327	2.54431779	2.72523328	2.62644006	2.20040515
0	0	1.00E-04	1.00E-04	1.00E-04	0.00139995	1.00E-04
0	0.004	0.13497486	0.19999018	0.25818444	0.39679826	0.27168441
0.004	0.012	0.64074687	1.14474734	1.34090011	1.12690891	0.58556202
0.012	0.012	0.68906231	0.70052606	0.68152859	0.74238101	0.9855265
0	0	0.02605236	0.02406859	0.04469485	0.02661476	1.00E-04
0	0	0.011105	0.02708176	0.00931795	0.00883771	1.00E-04
0	0	0.18762704	0.03179191	0.01706346	0.01529154	0.04298493
0	0	1.00E-04	1.00E-04	0.00270264	0.02061118	1.00E-04
0	0	1.00E-04	0.11624924	0.00203726	0.02308634	1.00E-04
0	0	1.00E-04	1.00E-04	0.00546994	0.00240478	1.00E-04
0.004	0.004	0.33760324	0.26711157	0.42566462	0.62862207	0.24044816
0.008	0	1.00E-04	0.11415912	0.05293927	0.07189975	1.00E-04
0	0	1.00E-04	0.01995589	1.00E-04	1.00E-04	1.00E-04
0	0	0.04666686	0.18806546	0.05229458	0.05716595	0.23161786
0.004	0.008	1.00E-04	0.00331818	0.02056152	0.02860616	1.00E-04

0	0	0.59086141	0.48617349	0.39448275	0.63162952	0.43687959
0	0	1.00E-04	1.00E-04	1.00E-04	0.00621299	1.00E-04
0	0	0.02592632	0.00332846	1.00E-04	0.00593905	1.00E-04
0	0	1.00E-04	1.00E-04	0.0064904	1.00E-04	1.00E-04
0	0	0.36185581	0.43454999	0.38565522	0.41146555	0.35871175
0	0.008	1.00E-04	0.00447467	1.00E-04	0.01006186	1.00E-04
0	0	0.05163499	0.07220545	0.05071241	0.03576556	0.06023342
0	0	1.00E-04	1.00E-04	1.00E-04	0.03014924	1.00E-04
0	0	0.02285049	0.03934225	0.0263099	0.06113325	1.00E-04
0	0	1.00E-04	0.01720345	0.02438155	0.00793145	1.00E-04
0	0	1.00E-04	1.00E-04	0.00208137	1.00E-04	1.00E-04
0	0	1.00E-04	0.01055254	1.00E-04	1.00E-04	1.00E-04
0	0	0.06161427	0.13353912	0.09549746	0.21145709	0.19308428
0	0	1.00E-04	1.00E-04	0.01207474	0.00208217	1.00E-04
0.004	0	0.03195585	0.09170229	0.13880109	0.19220822	1.00E-04
0	0	1.00E-04	0.0150159	0.00286827	0.00093812	1.00E-04
0	0	1.00E-04	0.01060151	0.00398513	0.00676408	1.00E-04
0	0	1.00E-04	1.00E-04	0.00140486	1.00E-04	1.00E-04
0	0	0.02479907	0.04619524	0.0179136	0.02259652	1.00E-04
0	0	0.04425414	0.14806603	0.12383027	0.08664243	0.25075386
0.008	0.008	0.11498824	0.25516436	0.20285068	0.28347619	0.49218867
0	0	1.00E-04	1.00E-04	1.00E-04	0.00183032	1.00E-04
0	0	0.04731333	0.0428579	0.03075465	0.04979823	0.03022522
0	0	0.01210581	0.02140779	1.00E-04	0.01250847	1.00E-04
0.004	0	0.02928966	0.10430995	0.0206463	0.04359815	0.09482963
0	0	0.02187523	0.01938631	0.01641674	0.01289664	1.00E-04
0.004	0.008	0.99107005	1.27992355	1.1114624	1.09011339	1.40353946
0	0	1.00E-04	1.00E-04	1.00E-04	0.003593	1.00E-04
0.008	0.008	0.21472417	0.14787245	0.26971336	0.40608724	0.25437677
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.03850943	1.00E-04
0	0	1.00E-04	0.05756058	0.02273384	0.02252542	1.00E-04
0	0	0.05321528	0.03983598	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00374884	0.00272787	0.00398943	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00112065	1.00E-04
0	0	0.17969358	0.30274777	0.18025669	0.12368007	0.17259925
0	0	1.00E-04	1.00E-04	0.01414114	1.00E-04	1.00E-04
0	0	0.01265922	0.00629121	0.00692135	0.0618475	1.00E-04
0	0	1.00E-04	0.00404676	0.01464965	0.00878992	1.00E-04
0	0.012	0.16340403	0.23226643	0.2093771	0.34712345	0.27651108
0	0	0.72992991	0.65033363	0.64103771	0.39460445	0.49459188
0.004	0	1.00E-04	1.00E-04	1.00E-04	0.00215136	1.00E-04
0	0	0.41169562	0.22601053	0.51719064	0.49736242	0.10959595

0	0	1.00E-04	0.0148456	0.00749639	0.01340037	1.00E-04
0.012	0	0.44811657	0.45303306	0.47252435	0.56813182	0.65608464
0	0	0.01963995	0.02990956	0.01980404	0.02848004	1.00E-04
0	0	0.01014539	0.05275821	0.04700194	0.04745921	0.05234972
0	0	1.00E-04	0.01540787	0.01562861	0.00785869	1.00E-04
0.004	0.004	0.67456086	0.55435895	0.6025357	0.72765189	0.84834707
0.04	0.008	0.54564114	0.54018364	0.55404864	0.62382957	0.71066883
0	0	0.05656062	0.06988794	0.08259058	0.13015545	0.23600098
0	0.004	0.06463885	0.00666605	0.00969093	0.01288756	1.00E-04
0.004	0.004	0.15570703	0.18446179	0.28373327	0.26741337	0.19086583
0.004	0	0.04546575	0.05627999	0.04854372	0.0465134	0.15027861
0.02	0.033	0.59777072	0.73016174	0.92515641	0.91315611	0.75513372
0.012	0.004	0.1689029	0.19706736	0.12259226	0.08574306	0.4759848
0.004	0.012	0.10417597	0.22642524	0.19274321	0.21566017	0.05801993
0	0	1.00E-04	1.00E-04	1.00E-04	0.0037679	1.00E-04
0	0	0.39502645	0.50005725	0.18684669	0.21152375	0.3252871
0	0	1.00E-04	0.02059926	0.01550164	0.02950293	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00344525	1.00E-04
0	0	0.46780561	0.50490057	1.02870226	0.75502336	0.09059329
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02503573	0.0354524	0.0663388	0.07090554	1.00E-04
0	0	0.44448857	0.34717061	0.24142431	0.33591153	0.70241178
0.032	0.045	0.68672761	0.80329005	0.8240317	1.03969096	0.83040464
0.004	0	0.68845052	0.66918926	0.67220102	0.80828239	0.50477431
0	0	0.12790042	0.19431257	0.34829566	0.30379383	0.25131947
0	0	0.02149079	0.03585001	0.02815359	0.03655923	1.00E-04
0.012	0	0.1142543	0.05372405	0.09628433	0.11398741	0.07822577
0	0	0.01567784	0.01944785	0.0273365	0.05072129	1.00E-04
0	0	0.34342828	0.41920193	0.4794268	0.52448244	0.38710221
0.012	0	0.41265505	0.37100324	0.28894021	0.30093591	0.45950775
0	0	1.00E-04	0.05515993	0.01266329	0.02043536	1.00E-04
0	0.004	0.1553855	0.29357877	0.19325209	0.14057269	0.2164391
0.012	0.008	0.72672737	0.65402099	0.63489177	0.77663048	0.87931115
0.004	0	0.26394742	0.36125344	0.21147547	0.31906796	0.34627654
0	0	0.11594229	0.08863933	0.04038012	0.10370079	1.00E-04
0.012	0.012	0.7352887	0.90185276	0.61801353	0.84833464	0.97668489
0.024	0.004	0.35363847	0.4653411	0.19040084	0.26663561	0.31457843
0	0	1.00E-04	1.00E-04	1.00E-04	0.0054071	1.00E-04
0	0	1.00E-04	0.07033785	0.12993419	0.12831234	1.00E-04
0	0	0.07119791	0.01024244	0.0138284	0.0225756	0.2771332
0	0	1.00E-04	0.00695665	1.00E-04	0.01297308	1.00E-04
0	0	1.19669948	0.72416447	1.65976326	1.66688994	1.23377583
0	0.02	0.54219597	0.73476881	0.63235505	0.77240624	0.42614988

0	0	0.01912661	0.0127043	0.02905453	0.06202128	1.00E-04
0.008	0.004	0.11465765	0.33012896	0.05161865	0.21137908	0.10819762
0	0	0.23455549	0.08257427	0.0437664	0.03324546	0.0613517
0	0	1.00E-04	0.02449467	0.06041597	0.11139782	1.00E-04
0	0.004	0.21760437	0.23761985	0.30381397	0.34203637	0.17281258
0	0	0.06372937	0.30416643	0.11395979	0.13117207	0.24847202
0	0	0.02018608	0.03410159	0.03570394	0.04198123	0.43049057
0	0	1.00E-04	1.00E-04	0.0151157	0.02195766	1.00E-04
0	0	1.00E-04	0.00602779	1.00E-04	1.00E-04	1.00E-04
0.02	0.016	0.7640342	0.89563755	0.73348953	1.0658821	0.50275748
0.067	0.078	1.9018373	2.37596418	2.09521056	2.26197956	1.84362294
0	0	1.00E-04	1.00E-04	1.00E-04	0.00466099	1.00E-04
0	0	1.00E-04	1.00E-04	0.00228949	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01621985	0.02592097	1.00E-04
0.004	0.004	0.1618233	0.11434188	0.08425214	0.10929377	1.00E-04
0.155	0.131	3.0412371	3.12763263	3.06179761	3.20627131	3.060077
0	0	1.00E-04	0.00370863	0.03072397	0.03620259	1.00E-04
0.004	0.008	0.30361715	0.30446693	0.28648392	0.42993872	0.21690933
0.004	0.004	1.58885828	1.92868497	1.92469284	1.78725638	1.69046251
0.008	0.004	0.42361413	0.31720589	0.17721382	0.31896291	0.04518703
0	0.004	0.01482045	0.0711146	0.02238767	0.02709449	1.00E-04
0	0	1.00E-04	1.00E-04	0.00273856	0.00826331	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00308291	0.00497655	1.00E-04
0.008	0.004	0.09349644	0.09888741	0.14071961	0.18309256	0.3677031
0	0.008	0.1448556	0.16132262	0.20293729	0.17662162	0.19044792
0	0.004	0.0552041	0.04836901	0.04523426	0.11415032	1.00E-04
0	0	0.12206679	0.01851759	0.05133351	0.05147581	0.04768275
0	0	0.05527108	0.10523415	0.09138592	0.09219063	0.10051381
0	0	0.15876444	0.16608135	0.08568109	0.15594006	0.04074153
0	0	1.00E-04	0.02234891	0.00728599	0.04161982	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00255168	1.00E-04	1.00E-04
0	0	0.00612058	0.06990739	0.05514064	0.08050779	1.00E-04
0	0	1.00E-04	0.0051604	0.01653213	0.01151757	1.00E-04
0	0	0.0112999	0.0436582	0.01248585	0.02573565	1.00E-04
0	0	1.00E-04	0.011672	0.00653886	0.01052582	1.00E-04
0	0.004	0.13861505	0.17529747	0.15600715	0.1743027	0.08306651
0	0	1.00E-04	0.00537645	1.00E-04	1.00E-04	1.00E-04
0	0	0.05788437	0.02226977	1.00E-04	0.00663598	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0.016	0.33543195	0.56895583	0.36379518	0.52868307	0.3666819
0	0	1.00E-04	0.00889944	1.00E-04	0.002315	1.00E-04
0	0.004	0.1604936	0.22229983	0.35659229	0.35930875	0.28952388
0	0	1.00E-04	0.00312894	1.00E-04	1.00E-04	1.00E-04

0	0	0.04976321	0.07257182	0.27050629	0.23064331	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00507476	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.06661154	0.11245344	0.14575454	0.10977193	0.27408361
0.016	0	0.69161699	0.88394948	0.8587733	1.01140659	0.66977573
0	0.004	0.0448768	0.14849181	0.134955	0.08577687	1.00E-04
0.044	0.037	1.556383	1.73646865	1.71774082	1.98940193	1.62255423
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.30815782	0.24113855	0.35270135	0.32658995	0.33374329
0	0	0.11479732	0.15194464	0.16110472	0.19733196	1.00E-04
0	0	0.28271959	0.45339099	0.317457	0.40705845	0.18581385
0.004	0.004	0.03587335	0.09932495	0.04119437	0.07905518	0.26218665
0	0	0.03120863	0.04774783	0.0492322	0.03483636	1.00E-04
0.02	0.008	4.61153201	4.09214499	4.4967941	4.71619393	3.36343639
0	0	0.4512886	0.84009358	1.35734854	0.84860133	1.00E-04
0	0	1.00E-04	0.00606843	1.00E-04	0.01257116	1.00E-04
0.004	0.012	0.10340135	0.11953527	0.1799322	0.23254214	0.298711
0.004	0.004	2.2129623	2.29286942	2.3475398	2.96407339	0.9805902
0.004	0	1.81055174	1.59590429	1.15092568	1.35318221	0.58611646
0.04	0.033	1.41144797	1.62900436	1.5609619	1.56897507	1.59936987
0	0	1.00E-04	1.00E-04	1.00E-04	0.00089059	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.063	0.037	2.94538578	2.98896445	2.62168014	2.92482113	2.51493855
0	0	1.00E-04	0.01707436	0.00320724	1.00E-04	1.00E-04
0	0.004	0.07383314	0.01751477	0.06316736	0.10663563	0.12887958
0	0	0.07706153	0.05696209	0.09382762	0.09537969	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00632185	1.00E-04
0	0	1.00E-04	0.00997219	0.01265984	0.01842095	1.00E-04
0	0	1.00E-04	0.00710048	1.00E-04	1.00E-04	1.00E-04
0.008	0.004	1.00E-04	0.03885983	0.02093093	0.04406751	1.00E-04
0.008	0	0.11468911	0.24537639	0.14718359	0.2349875	0.50612494
0	0	1.00E-04	1.00E-04	0.01509511	0.0164836	1.00E-04
0.004	0.008	0.23920979	0.22228699	0.15733233	0.30049931	0.14019543
0.028	0.016	1.18302339	1.25726664	1.0258022	1.00924802	1.37976919
0	0	1.00E-04	0.02856212	0.02786056	0.0463613	1.00E-04
0	0	0.30155519	0.2051558	0.20592596	0.24480669	0.22091377
0.032	0.016	2.77625427	2.49520635	2.22193054	2.48970366	2.67221722
0.02	0.004	0.52228295	0.44958048	0.4169133	0.53572247	0.50583203
0	0	1.47298118	1.46607726	0.94214844	0.78726594	1.53765886
0	0.004	0.53305693	0.78877039	0.68222839	0.96822631	1.62050416
0.004	0	0.09724432	0.16089141	0.1408433	0.13525759	1.00E-04
0.008	0	0.32184805	0.43675293	0.35128497	0.34303733	0.45004745
0.004	0	0.2675015	0.32647413	0.17579344	0.14229834	1.00E-04

0	0	0.19607991	0.22941957	0.13605884	0.23040412	1.00E-04
0	0	0.13757215	0.16360395	0.34277113	0.13729416	0.17811812
0.004	0	0.23910414	0.32388322	0.17709736	0.1752757	0.28295913
0	0	1.00E-04	0.00456775	0.04752243	0.00813151	1.00E-04
0	0	0.05543281	1.00E-04	0.01136487	0.00312732	1.00E-04
0.008	0.008	0.50397735	0.5521294	0.40475336	0.56163676	0.49097033
0	0.004	0.43094103	0.40500288	0.37114483	0.45166524	0.40642379
0	0	1.00E-04	0.00440483	0.00269474	0.00823558	1.00E-04
0	0	1.00E-04	0.00724181	0.01693179	0.01647105	1.00E-04
0	0	1.00E-04	0.03691077	0.0039743	0.03083781	1.00E-04
0.008	0.008	0.0687938	0.12131742	0.12870928	0.09517186	0.13883251
0	0	1.00E-04	1.00E-04	1.00E-04	0.0048612	1.00E-04
0	0	0.23176232	0.48660928	0.27705341	0.26389168	0.71160603
0	0	0.01311102	0.07180027	0.09601004	0.04328044	0.03103739
0	0	0.15383062	0.11882996	0.09908144	0.08973067	0.19750357
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00615749	0.01375319	1.00E-04
0	0	0.03663252	0.04694134	0.00869396	0.07565297	1.00E-04
0	0	0.00926507	0.03237485	0.01808499	0.04905928	1.00E-04
0	0	1.00E-04	0.01429585	0.01074013	0.01573178	1.00E-04
0	0	1.00E-04	0.02842329	1.00E-04	0.00807175	1.00E-04
0.004	0	0.74266099	0.75099414	0.58155807	0.77511581	1.09437368
0.02	0.016	0.25820882	0.0866368	0.04899735	0.06275692	1.00E-04
0.032	0.02	0.84063596	0.77666351	0.54777316	0.82611652	0.93019766
0.012	0.004	0.03665863	0.11313004	0.06408655	0.0568852	1.00E-04
0	0	1.00E-04	0.01171298	1.00E-04	0.00200334	1.00E-04
0	0	1.00E-04	0.0286802	0.01184192	0.01712244	1.00E-04
0.004	0	0.04777559	0.03046776	0.03531917	0.05494501	1.00E-04
0	0	0.06301771	0.0508294	0.03378296	0.05779896	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.22466198	0.13871995	0.14813212	0.15150998	0.30025431
0.226	0.209	3.22587072	3.17510587	3.33823387	3.28325124	3.66116267
0.004	0	0.02898426	0.08276457	0.047575	0.06681084	0.07134503
0	0	0.01879911	0.1191211	0.03114048	0.07565233	1.00E-04
0	0	1.00E-04	0.02361986	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0059748	0.01746918	0.01802017	1.00E-04
0	0.004	0.14497947	0.16504916	0.17573212	0.17784138	1.00E-04
0	0	1.00E-04	0.13015666	0.10728673	0.16760576	1.00E-04
0	0	0.13913694	0.24961111	0.11496217	0.18922221	0.03665364
0.004	0.012	0.27370573	0.25797659	0.1899227	0.30040026	0.30579786
0	0	1.00E-04	0.01867452	0.00740183	0.02656436	1.00E-04
0	0	1.00E-04	0.02384432	0.01908963	0.03188636	1.00E-04
0.004	0	0.01731168	0.01030674	0.06869473	0.0505217	0.19308428

0.008	0	0.11011671	0.12889639	0.09750797	0.18129105	0.23617032
0	0	1.00E-04	0.01251022	0.02452493	0.02310885	1.00E-04
0.012	0.004	1.00E-04	0.00521699	0.01465844	0.00798442	1.00E-04
0	0	0.0218163	0.00712326	0.02004954	0.0112183	1.00E-04
0	0	1.00E-04	1.00E-04	0.00452968	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00192992	0.00136387	1.00E-04
0	0	1.00E-04	1.00E-04	0.00972011	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01704532	0.02416951	0.01319458	1.00E-04
0	0	0.0094966	1.00E-04	0.00108932	0.01380565	0.04657928
0.008	0.016	0.33089449	0.49220938	0.36067213	0.51323109	0.31551722
0	0.004	1.00E-04	0.04846289	0.03564127	0.04739042	1.00E-04
0	0	0.07720436	0.07457389	0.04100468	0.06103327	0.10634252
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.016	0.004	0.88152389	1.19156511	1.50258662	1.39172902	1.09201267
0.004	0.004	0.56224808	0.64744508	0.50267968	0.65369636	0.95032693
0	0	1.00E-04	1.00E-04	1.00E-04	0.01383377	1.00E-04
0	0	0.02901678	1.00E-04	1.00E-04	0.00697351	1.00E-04
0	0	0.15988801	0.2990617	0.52278288	0.49658216	0.10221639
0.012	0	0.97620938	1.09567049	0.80486465	0.75388636	1.17618013
0	0	1.00E-04	1.00E-04	0.00198874	1.00E-04	1.00E-04
0	0	1.00E-04	0.0053192	1.00E-04	0.01038195	1.00E-04
0	0	1.00E-04	1.00E-04	0.0020596	0.00665575	1.00E-04
0	0	1.00E-04	0.02292948	0.05369087	0.01457595	1.00E-04
0	0	1.00E-04	0.00388741	1.00E-04	0.00890298	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01721848	0.00809914	0.00957654	1.00E-04
0	0	1.00E-04	0.01250294	1.00E-04	0.01639582	1.00E-04
0	0	1.00E-04	0.0081321	0.00630254	0.0261324	1.00E-04
0	0	0.10107462	0.13543101	0.24341504	0.29118368	0.16831389
0	0	0.01363747	1.00E-04	1.00E-04	0.01069139	1.00E-04
0	0	0.02892925	0.0219042	1.00E-04	0.01962526	1.00E-04
0	0	1.00E-04	0.00797605	1.00E-04	1.00E-04	1.00E-04
0	0	0.08489901	0.0180264	0.00870358	0.0195254	1.00E-04
0	0	0.6255139	0.31174375	0.64078371	0.56960248	0.38743828
0	0	1.00E-04	1.00E-04	0.00210438	0.00193234	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00305994	1.00E-04
0	0	1.00E-04	0.00618374	0.0637575	0.03382915	1.00E-04
0	0	0.41768605	0.1926874	0.17287345	0.36053208	0.28182653
0	0	0.04857941	0.12176127	0.04123481	0.05064769	0.02778234
0	0	1.00E-04	0.04335773	0.02975766	0.03038959	1.00E-04

0	0	0.11580852	0.11441321	0.15886772	0.11390905	0.07845007
0	0	1.00E-04	1.00E-04	0.00240725	0.02453556	1.00E-04
0	0	0.02219769	0.02802392	0.00240634	0.00916251	0.07325136
0	0	1.00E-04	0.0250657	0.00263963	0.00490614	1.00E-04
0	0	0.08809406	0.03495629	0.01983513	0.02651976	0.33132196
0	0	0.03337344	1.00E-04	0.00362009	1.00E-04	0.07290803
0	0	0.04135262	0.13093387	0.04473321	0.07053902	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00879784	1.00E-04
0	0	1.00E-04	1.00E-04	0.00320421	1.00E-04	1.00E-04
0	0	1.00E-04	0.05177063	0.00140593	1.00E-04	1.00E-04
0	0	0.2962965	0.22520929	0.16393868	0.21762863	0.05744226
0	0	1.00E-04	0.017241	0.02221767	0.03620425	1.00E-04
0	0.004	0.11041946	0.1142246	0.02333799	0.06520312	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00238969	1.00E-04
0	0	1.00E-04	1.00E-04	0.0032235	0.00960081	1.00E-04
0	0	1.00E-04	1.00E-04	0.00902889	0.00324229	1.00E-04
0.004	0.008	0.76882769	0.56062573	1.26402018	0.62402097	1.61546974
0	0	1.00E-04	1.00E-04	0.00115697	1.00E-04	1.00E-04
0.004	0	0.12087573	0.17550955	0.11746221	0.10554916	1.00E-04
0.004	0	0.04090494	0.04454206	0.05683647	0.08420562	1.00E-04
0	0	1.00E-04	0.01128693	0.0016946	1.00E-04	1.00E-04
0	0	1.00E-04	0.02724138	0.00895557	0.00807382	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.02651177	0.02610904	1.00E-04
0	0	1.00E-04	0.00815339	0.02761318	0.04009366	1.00E-04
0	0	1.00E-04	0.01254771	0.00582601	0.0096796	1.00E-04
0	0	1.00E-04	0.05251105	0.00895374	0.02555483	1.00E-04
0	0	1.00E-04	0.01874348	0.00896742	0.00367252	1.00E-04
0.004	0	0.10289161	0.14052656	0.13389624	0.15029873	0.15784718
0	0	0.28284542	0.33547182	0.15351859	0.19440258	0.42267257
0	0	0.04261818	0.00461459	0.03835376	0.05583687	1.00E-04
0.004	0	0.09553845	0.04602062	0.04053053	0.08338647	0.43569616
0.008	0.004	0.98161625	0.98686993	1.19933728	1.55484993	1.16165869
0.016	0.016	1.08364904	1.14393155	1.27614216	1.02055211	1.08438187
0	0	0.51491946	0.43773625	0.30942392	0.31489367	0.39320732
0	0	1.00E-04	1.00E-04	0.01403324	0.03921965	1.00E-04
0	0	1.00E-04	0.00846251	1.00E-04	1.00E-04	1.00E-04
0.008	0.008	0.2916873	0.34906622	0.21305066	0.37043355	0.36449418
0.008	0	0.31759299	0.34032059	0.42056269	0.48176166	0.5463445
0	0	1.00E-04	0.06686308	0.04303915	0.02330061	1.00E-04
0	0.004	0.77698744	0.87652859	0.52061021	0.58687231	0.36837344
0.004	0	1.00E-04	1.00E-04	0.00766277	0.01406589	1.00E-04
0	0	1.00E-04	0.00502164	0.00947322	0.00811136	0.32498765

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.24919407	0.34702078	0.22999313	0.37048061	0.63217036
0	0	0.17214068	0.14070783	0.11946227	0.20984761	0.52136731
0	0	0.04781973	0.06255035	0.00424619	0.03328793	0.20676357
0	0	1.00E-04	1.00E-04	0.00730303	0.00397203	1.00E-04
0	0	1.00E-04	0.01797943	0.00185403	0.01379286	1.00E-04
0	0	0.01269008	1.00E-04	0.00449062	0.00874215	0.18618543
0	0	0.04651315	0.01508181	0.00534101	0.01100251	1.00E-04
0.004	0.004	0.0226417	0.12028948	0.08660645	0.09586497	0.7360757
0	0.004	0.25958802	0.18620329	0.19706088	0.20807468	0.32082176
0	0	0.30588767	0.26594204	0.21906793	0.22477197	0.43537778
0.008	0.008	0.52376182	0.6006839	0.45010508	0.47843485	0.47844653
0	0	0.01354874	0.01285042	0.00847125	0.00717875	1.00E-04
0	0	1.00E-04	1.00E-04	0.01584228	0.00281512	1.00E-04
0.075	0.037	3.71176289	4.30421321	3.27076011	3.77227702	3.23616067
0	0	1.00E-04	0.02120252	0.00177005	0.00714071	0.05010508
0	0.012	0.20491441	0.24325833	0.28516117	0.2860187	0.32310559
0	0	0.11530027	0.15374038	0.05763555	0.08146379	0.09623413
0	0	1.00E-04	1.00E-04	1.00E-04	0.00249394	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.77053136	0.84000562	0.92809201	0.99522999	0.78848997
0	0	1.00E-04	0.05410339	0.02786078	0.03519044	1.00E-04
0.016	0	0.07522567	0.07815005	0.20269817	0.1761204	0.05390462
0	0	0.0350723	0.06839061	0.07133743	0.09126171	0.19409153
0	0.004	0.94591851	0.88007303	0.58236195	0.89805525	0.42025965
0	0.004	1.13310218	1.03760132	1.04802367	1.17128487	1.14675955
0.016	0.025	1.05001615	1.63945793	0.91575739	0.90991175	1.20781693
0	0	0.31170787	0.3933107	0.30596669	0.23421665	0.81206643
0.008	0.008	0.57842054	1.09244472	0.47033057	0.52693797	0.82932262
0	0	0.02979009	1.00E-04	0.01026654	0.00558596	1.00E-04
0.004	0	0.92906071	0.95907287	1.14402058	1.27584364	0.71053427
0	0	1.00E-04	0.00418385	0.00616365	0.01962752	0.04406128
0.024	0.025	1.45481335	1.32397677	1.09026707	1.3588232	1.25628012
0	0.004	1.23201332	1.50556845	0.76785324	1.14042073	0.60767162
0	0	0.20598431	0.13727762	0.23490344	0.25548893	0.08980555
0.012	0.004	0.64094452	0.81522373	1.13809585	1.22379046	0.81290662
0	0	1.00E-04	0.02581496	0.00578358	0.01139706	1.00E-04
0.004	0	0.12992197	0.14005262	0.12039736	0.1523166	0.17490271
0	0.008	1.12969519	1.24255358	1.45621805	1.46205349	1.94736549
0	0	0.09855353	0.11695164	0.04200919	0.06838863	0.07201115
0	0	0.02701214	0.01788254	0.03029773	0.02996898	1.00E-04
0	0	1.00E-04	0.02669023	0.01333336	0.036191	1.00E-04
0	0	1.00E-04	0.01742686	0.01972442	0.01243413	1.00E-04

0.004	0	0.02239137	0.03218784	0.02083142	0.03316607	1.00E-04
0.008	0.008	0.83365278	1.04890184	0.75718691	0.94497698	0.87794496
0	0	0.12003886	0.180682	0.05261512	0.11318133	1.00E-04
0	0	0.13875603	0.04061671	0.02405961	0.06521527	0.04127952
0.008	0.012	0.1633234	0.1985782	0.08668487	0.19634604	0.39120121
0	0	1.00E-04	1.00E-04	0.0076642	1.00E-04	1.00E-04
0	0	0.05578265	0.05811537	0.01091006	0.02837816	1.00E-04
0	0	0.50452672	0.69585953	0.27765104	0.38382017	0.61064523
0.008	0.012	0.64405692	0.88536415	0.89208858	0.93904873	0.97927783
0.004	0.004	0.0258586	0.06059781	0.0499183	0.06189489	0.12055509
0	0	1.00E-04	0.02943385	0.01288754	0.04421302	1.00E-04
0.004	0.004	0.4070031	0.26130898	0.59590155	0.52694274	0.38647568
0.008	0.004	0.40964001	0.45016859	0.46962339	0.46562813	0.89017792
0.004	0.008	0.82017624	0.91127597	0.9799155	0.91794267	1.96808882
0.004	0	0.11438224	0.11164758	0.05422779	0.08559012	0.50553022
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01697094	0.01940686	0.02379792	1.00E-04
0	0	0.02656514	0.06256809	0.04735317	0.06484835	0.30723729
0.004	0	0.30635857	0.45402493	0.94154428	0.3477993	0.93982262
0	0.008	0.20626675	0.24038019	0.20494663	0.24090196	0.49172834
0.056	0.07	1.00486685	1.01340767	0.71219151	1.20183444	1.89502404
0	0	0.04791114	0.04950658	0.15457815	0.1473305	0.13920948
0.008	0	1.11617447	1.2526175	2.10455665	1.23715457	2.02851705
0	0.004	0.22399206	0.18962596	0.47868903	0.50171474	0.45357101
0	0	1.00E-04	1.00E-04	0.0139021	0.0290783	1.00E-04
0	0	0.03685278	0.0172076	0.023318	0.03522676	1.00E-04
0	0.004	0.1984183	0.22602245	0.19596705	0.300996	0.20206165
0.004	0	0.75136377	0.58783254	0.53233425	0.5788772	0.5054499
0	0	0.33944071	0.17898993	0.29577078	0.35784337	0.05597923
0	0.004	0.2113377	0.17586363	0.2754762	0.30940361	0.2013298
0	0	1.00E-04	1.00E-04	1.00E-04	0.00600252	1.00E-04
0.004	0.004	0.14613069	0.33015942	0.37017361	0.38537403	0.31818328
0.004	0.004	0.1775582	0.31102403	0.2554287	0.40666458	0.50693634
0.008	0	0.759385	0.82785118	1.07270204	1.09936677	0.85843401
0	0	1.00E-04	0.06647575	0.04100005	0.04703117	1.00E-04
0	0	0.11734627	0.15313238	0.23855508	0.3218538	0.13244909
0	0	0.05248081	0.01183583	0.026441	0.01640663	0.10038034
0.004	0.004	0.47967547	0.57431736	0.48979109	0.65541268	0.74329916
0.048	0.049	1.55139264	1.80724316	1.54682682	1.77281992	1.84441912
0.004	0.02	1.25119572	0.69463107	0.82943475	1.03085074	0.45064655
0.004	0	0.37402105	0.31884786	0.63967991	0.73292103	0.66249938
0	0.004	1.01107826	0.84241448	0.73565419	0.61752212	1.15522728
0	0	0.76421237	0.66865797	0.53570286	0.80820555	0.22116855

0	0	0.26126663	0.31211087	0.45208462	0.46627132	0.40088592
0	0	1.00E-04	1.00E-04	0.00112861	1.00E-04	1.00E-04
0	0.02	0.85542399	0.58834657	0.82703282	0.75195945	0.95934047
0.004	0	0.8094952	0.89441928	0.54822745	0.44125847	0.40889836
0	0	0.12745522	0.22301849	0.0940681	0.15583207	1.00E-04
0	0.004	0.17164026	0.34827493	0.27576426	0.38171807	0.64288142
0.048	0.012	1.13689335	1.21556419	1.22292605	1.403337	1.5340713
0	0	1.00E-04	1.00E-04	1.00E-04	0.00663885	1.00E-04
0	0	1.00E-04	1.00E-04	0.00322695	0.0116452	1.00E-04
0	0	1.00E-04	0.01007316	0.01965862	0.02512586	1.00E-04
0.028	0.016	0.95139394	1.17214157	1.38723453	1.54315036	1.02610203
0	0	0.0218163	0.00413348	1.00E-04	1.00E-04	1.00E-04
0	0	0.16089428	0.10821947	0.07448927	0.08537575	1.00E-04
0	0	0.14331427	0.05748711	0.03911853	0.04733472	1.00E-04
0.016	0.016	1.17532197	1.29093222	0.76399847	0.89941758	1.54499991
0	0	0.11744345	0.18743661	0.14632852	0.18402466	0.24077042
0	0	1.00E-04	0.00736998	1.00E-04	1.00E-04	1.00E-04
0	0	0.20905752	0.17350734	0.18499054	0.26558978	0.03658585
0	0	0.00785515	0.01175117	0.01797475	0.02925227	1.00E-04
0	0	0.05757307	0.0819873	0.06743696	0.08990045	1.00E-04
0	0	1.00E-04	0.00461715	0.01270817	0.02382561	1.00E-04
0.02	0.029	0.06825437	0.16565586	0.07103332	0.06657706	1.00E-04
0	0.008	1.34347373	1.43125497	1.01432443	1.5100648	0.77987006
0	0	1.00E-04	0.00763447	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.33890136	0.27958734	0.53450459	0.47619991	0.59425903
0	0	1.00E-04	1.00E-04	1.00E-04	0.00502801	1.00E-04
0.004	0	1.00E-04	0.03818972	0.0443883	0.04671436	1.00E-04
0	0.004	1.00E-04	0.00791757	0.01428912	0.00919071	1.00E-04
0	0	1.00E-04	0.00471276	0.00189857	1.00E-04	1.00E-04
0	0	0.05301862	0.13162424	0.04762054	0.09642136	0.76784286
0	0	0.20692584	0.38456784	0.18004967	0.21852045	0.21513881
0	0	1.00E-04	0.0061231	0.0140078	0.02801051	1.00E-04
0	0	1.00E-04	0.00812945	1.00E-04	0.00530968	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00270968	1.00E-04
0	0	0.02458808	1.00E-04	0.00545207	0.03006245	1.00E-04
0.008	0.008	2.28905736	2.03532859	2.28874122	2.42625331	2.0965218
0.004	0.004	0.55329648	0.67304556	0.26715854	0.40157147	0.65406241
0.004	0.004	0.29154073	0.1261148	0.23031592	0.16283845	0.28070116
0.004	0	0.50442009	0.55644947	0.28700148	0.40983223	0.36258621
0.012	0.008	1.86913781	2.06812784	2.33625146	2.86113368	1.69970569
0	0	0.7811907	0.7953632	0.49704692	0.49833343	0.34060358
0.099	0.061	3.03261408	3.05875452	3.3053514	3.64724736	3.00020515
0	0	0.0090788	0.11616821	0.06803441	0.09818788	0.07869805

0	0	1.00E-04	0.01080946	0.0445843	0.07161971	0.62110886
0	0.004	0.16241121	0.20382617	0.12973738	0.17457167	0.05539252
0.06	0.033	0.24422018	0.40860579	0.21487001	0.44024824	0.45041689
0	0.004	0.09093001	0.14462184	0.16522271	0.16239231	0.37073799
0	0	0.08145132	0.05774321	0.0128128	0.03766855	1.00E-04
0	0.004	0.1626833	0.06705951	0.11048179	0.08799946	1.00E-04
0.008	0	0.36070621	0.51458944	0.50755834	0.54703917	0.92804836
0	0	1.00E-04	0.02853803	0.01907229	0.00404362	1.00E-04
0.02	0.012	1.15412262	1.30413272	1.32178023	1.58277759	1.59983342
0.012	0.008	1.37441001	1.40106685	1.34192111	1.37187759	1.56581867
0	0	1.23788646	1.45814137	1.01738941	1.10929129	0.90256373
0.012	0.016	1.05308206	0.96609762	1.32596268	1.20781457	1.17665176
0	0.008	0.74591081	0.37930852	0.37199982	0.65232963	0.20778498
0.008	0.012	0.82181489	0.95465095	0.88277888	0.94571563	1.18920155
0	0.008	0.2149578	0.21661323	0.1620956	0.21600878	0.09140633
0	0	1.00E-04	0.00982412	0.00184133	1.00E-04	1.00E-04
0	0	0.10094064	0.04085581	0.02756314	0.04830365	0.18234941
0	0.008	0.53520647	0.46171802	0.40688175	0.3760607	0.81285594
0	0	1.00E-04	0.02468878	0.00414749	0.0279281	1.00E-04
0	0	0.02717342	0.07473291	0.03992204	0.06114239	0.10244239
0	0	0.41927223	0.46591884	0.48974521	0.52791047	0.68067976
0.008	0	0.1593495	0.08215283	0.07633233	0.12119865	1.00E-04
0.004	0.008	0.19917134	0.39114752	0.18267968	0.26079962	0.46511624
0	0	1.00E-04	1.00E-04	0.00449978	0.0137735	1.00E-04
0	0	1.00E-04	1.00E-04	0.00164596	0.00489149	1.00E-04
0	0	0.0078226	1.00E-04	0.04151401	1.00E-04	0.05390462
0	0.008	1.11242301	1.18383342	0.67528133	0.85441129	0.36746226
0.02	0.008	0.14175449	0.06421164	0.12434519	0.19150139	0.14937232
0	0.004	1.00E-04	1.00E-04	0.00190438	0.00448705	0.30740232
0.004	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0221641	0.00450417	0.01193702	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.02316637	0.04841319	1.00E-04
0.012	0.004	2.60241177	2.41181079	2.05767939	2.27529512	1.7260135
0.012	0.008	0.7282934	0.7075624	0.78981499	0.8835092	0.94941229
0.008	0.008	0.67710387	0.60561758	0.40283506	0.59091216	0.65277787
0	0	0.10913902	0.19214738	0.20264651	0.21643565	0.26472067
0.012	0.02	0.34316975	0.48712253	0.46951778	0.50279181	2.00323165
0	0	0.10209498	0.02186469	0.02288233	0.06580749	0.10490025
0	0	1.00E-04	1.00E-04	0.00371942	0.00368735	1.00E-04
0.004	0.004	0.50361229	0.53271468	0.87663725	1.09602782	0.67292302
0.004	0	0.61644338	0.41895081	1.16719169	0.98143456	0.76769025

0	0.008	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02014931	0.02929472	0.06154194	1.00E-04
0	0	1.00E-04	1.00E-04	0.00973578	0.00241294	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00381163	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.05176061	0.03271228	0.01768823	0.02339717	0.20374449
0	0	1.00E-04	0.05546798	1.00E-04	0.02720255	1.00E-04
0	0	1.00E-04	0.01989914	0.06164268	0.05122072	1.00E-04
0	0	0.02095568	0.04905355	0.029925	0.01003929	1.00E-04
0	0	1.00E-04	1.00E-04	0.00508104	1.00E-04	1.00E-04
0	0	0.00888165	0.01572069	1.00E-04	0.00442394	0.03912104
0	0	0.13683234	0.22208341	0.08679271	0.08635406	0.18115483
0	0	1.00E-04	0.01066275	0.00602282	0.01529988	1.00E-04
0	0	0.92677078	0.2337809	0.04837556	0.05898722	0.70318337
0	0	1.00E-04	0.01666442	1.00E-04	0.00095234	1.00E-04
0	0.004	1.00E-04	0.04369612	0.06578846	0.03275022	1.00E-04
0	0	0.01847687	0.00476945	0.00523545	0.01489389	0.07487569
0	0	1.00E-04	0.01179889	1.00E-04	0.00819996	1.00E-04
0	0	1.00E-04	1.00E-04	0.00445733	1.00E-04	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.01179718	0.00957101	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.083	0.111	1.71041117	1.35609617	3.04691852	3.15748619	1.69883728
0	0	1.00E-04	0.01696531	0.00510324	0.0081869	1.00E-04
0	0	0.03294418	0.0050381	0.04965384	0.05147154	0.0373073
0	0	1.00E-04	0.01719564	0.02155417	0.00830446	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01079548	0.00612717	1.00E-04	1.00E-04
0	0	0.02045358	0.02602074	0.02109731	0.00460604	1.00E-04
0	0	1.00E-04	0.00512651	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02588397	0.0219606	0.03769967	0.02604855	1.00E-04
0	0	1.00E-04	0.00822465	0.00353406	0.00298662	1.00E-04
0	0.004	0.17096082	0.24155243	0.11367331	0.15324656	0.16081902
0	0	1.00E-04	0.01677938	0.01988909	0.01481203	1.00E-04
0.004	0.012	0.25996021	0.27422382	0.40797531	0.56058707	0.8912809
0	0	0.06635407	0.04562527	0.01561912	0.01443981	0.07020896
0	0	1.00E-04	0.00974459	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00589934	0.01624202	1.00E-04
0	0	0.01346465	0.07037332	0.02740977	0.0651725	1.00E-04
0.012	0	1.22593279	1.2207562	0.80883875	0.9845573	1.07488421
0	0	0.11215504	0.07530317	0.03756753	0.05560579	0.41164907
0	0	0.03371828	0.02202561	0.06073167	0.0903073	0.04800175
0.052	0.053	1.73535896	2.14229581	2.57292067	2.40581945	2.49639467

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00527455	1.00E-04	1.00E-04	1.00E-04
0	0	0.06046508	0.09094126	0.04977071	0.07726446	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00976953	1.00E-04
0	0	0.03637363	0.13540071	0.03875074	0.03234151	1.00E-04
0	0	1.00E-04	0.05658404	0.00628773	1.00E-04	1.00E-04
0	0	1.00E-04	0.01676901	1.00E-04	0.00155472	1.00E-04
0	0	1.00E-04	0.01704305	1.00E-04	0.01914054	1.00E-04
0	0	1.00E-04	1.00E-04	0.00265032	1.00E-04	1.00E-04
0.004	0	0.35418212	0.21394291	0.22500305	0.31338454	0.09394138
0	0	1.00E-04	1.00E-04	0.00550909	1.00E-04	1.00E-04
0	0	1.00E-04	0.06768983	0.10579601	0.04944306	1.00E-04
0.02	0.004	0.48867217	0.5032829	1.2916071	0.53094203	0.95131483
0	0	1.00E-04	0.01898937	0.01189507	0.00731174	1.00E-04
0	0	1.00E-04	1.00E-04	0.00394439	1.00E-04	1.00E-04
0	0	1.00E-04	0.02586151	0.00429327	0.02152038	1.00E-04
0	0	1.00E-04	0.04077113	0.03203777	0.02398281	1.00E-04
0	0	0.04243694	0.01689438	0.03039321	0.06056623	0.09095944
0	0	0.02184114	0.06001454	0.0432994	0.07938717	1.00E-04
0	0	1.00E-04	1.00E-04	0.01120152	0.01721198	1.00E-04
0	0	0.11080646	0.1302948	0.02987964	0.05609744	0.12948272
0	0	1.00E-04	0.04330056	0.01273686	0.02791176	1.00E-04
0	0	0.01031072	0.00328177	0.00683713	0.00839252	0.17403422
0	0	1.00E-04	0.00832747	0.02138354	0.00751497	1.00E-04
0	0	1.00E-04	0.01963346	0.02038851	0.02462364	1.00E-04
0	0	0.05027192	0.04782233	0.04518515	0.06105333	0.18663834
0	0	1.00E-04	0.00740854	0.00414348	0.00457964	1.00E-04
0	0	1.00E-04	0.03678458	0.02882133	0.02797014	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00374321	1.00E-04
0	0	1.00E-04	0.01105339	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00721438	0.00159681	1.00E-04
0	0.004	1.00E-04	0.0083265	0.01384305	0.02969632	1.00E-04
0	0	1.00E-04	0.00549624	0.00697651	1.00E-04	1.00E-04
0.008	0.016	0.478009	0.17154795	0.43018821	0.68381492	0.50884954
0	0	1.00E-04	0.01447827	0.00843682	0.02178442	1.00E-04
0	0	0.10494639	0.03857742	0.03566379	0.0409187	0.03449192
0	0	0.10270023	0.07670367	0.02168928	0.03162858	0.08845973
0	0	1.00E-04	1.00E-04	0.0020841	1.00E-04	1.00E-04
0.008	0.016	0.72428884	0.45281604	0.90500779	0.52233816	1.14551665
0	0.004	0.24249457	0.13353074	0.20266425	0.07565875	0.21644158
0	0	1.00E-04	0.00702459	0.00466443	1.00E-04	1.00E-04
0	0	1.00E-04	0.02639446	1.00E-04	1.00E-04	1.00E-04

0.004	0	0.02238311	0.0510794	0.03020891	0.03079812	1.00E-04
0	0	1.00E-04	0.00700146	0.00620666	0.0228231	1.00E-04
0	0	1.00E-04	0.01830042	0.01209058	0.01772416	1.00E-04
0	0	1.00E-04	1.00E-04	0.00302311	0.0033485	1.00E-04
0	0	1.00E-04	0.01565113	0.01306171	0.02223429	1.00E-04
0	0	1.00E-04	1.00E-04	0.00253744	1.00E-04	1.00E-04
0	0	1.00E-04	0.06135299	0.05995261	0.11297558	1.00E-04
0	0	1.00E-04	0.00987123	1.00E-04	0.00324517	1.00E-04
0	0	1.00E-04	0.01107299	0.04763294	0.01842294	1.00E-04
0	0	1.00E-04	0.05593776	0.02685319	0.00981546	1.00E-04
0	0	1.00E-04	0.03135784	0.00536744	0.00701508	1.00E-04
0	0	1.00E-04	0.01519054	0.00259644	0.01068734	1.00E-04
0	0	0.03954017	0.05548097	0.05665597	0.0616458	1.00E-04
0	0	0.00962985	0.10929895	0.06975944	0.01228702	0.0410787
0	0	1.33705308	1.45498123	0.78347694	0.79571153	1.21823819
0	0	1.00E-04	1.00E-04	1.00E-04	0.01979701	1.00E-04
0.004	0	0.11620733	0.10098016	0.05749719	0.09269869	0.23145118
0	0	1.00E-04	1.00E-04	0.00245786	0.01258003	1.00E-04
0	0	1.00E-04	1.00E-04	0.01862215	1.00E-04	1.00E-04
0	0	1.00E-04	0.04131805	0.01864648	0.03394717	1.00E-04
0	0	0.20748592	0.46619471	0.18360735	0.21598097	0.21328223
0	0	0.02027117	0.03607619	0.00859521	0.01255018	1.00E-04
0	0	1.00E-04	0.04533017	0.03968065	0.05477464	1.00E-04
0	0	0.23060058	0.18865705	0.26471361	0.27029621	0.39368845
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00613476	0.00179472	0.00380055	1.00E-04
0	0	1.00E-04	1.00E-04	0.00170493	1.00E-04	1.00E-04
0	0	0.04137746	0.06571801	0.03276991	0.0522864	1.00E-04
0	0.004	0.04875721	0.08174629	0.05486087	0.05275173	0.25741463
0	0	1.00E-04	1.00E-04	0.00846983	0.02184649	1.00E-04
0.004	0.004	0.01195686	0.04859979	0.04720223	0.04152263	0.07442421
0	0	1.00E-04	0.00490455	0.00595811	0.01177156	1.00E-04
0	0	0.50019184	0.48906224	0.20349478	0.23606072	0.33992144
0	0	0.06828902	0.07318112	0.09303949	0.0883871	0.05298673
0.044	0.016	2.00354471	2.34617063	1.78919544	2.03682654	2.10477713
0	0	0.34971605	0.68406927	0.16773576	0.21378447	0.52397628
0	0	1.00E-04	0.12996156	0.1318852	0.07193847	1.00E-04
0.004	0	0.2095192	0.20896288	0.18092474	0.24403114	0.35868741
0.075	0.037	1.20100481	0.77322871	1.26539093	1.2231739	2.03906529
0	0	1.00E-04	0.02725124	0.05407171	0.06516346	1.00E-04
0	0	0.01356892	0.04443256	0.05905483	0.11300037	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00252823	1.00E-04
0.008	0.004	1.26579259	1.67662675	1.3683252	1.70406869	1.51588168

0.31	0.316	2.29868228	2.5508114	2.50272503	2.95580674	2.89162688
0.004	0	0.96224083	0.80153981	1.62939596	1.44460763	1.3382107
0	0	1.00E-04	0.00937605	0.01231527	0.01469884	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02	0.004	2.54612537	2.85084736	3.00755558	3.01265401	2.62851722
0	0.004	1.00E-04	0.03926186	0.06288888	0.04571203	0.11471955
0.048	0.045	0.77036343	1.14285996	1.13831232	1.44852585	0.88659698
0.032	0	1.75750987	1.86882836	2.20199839	2.44950315	0.94346286
0	0	1.00E-04	0.01171643	0.00229555	1.00E-04	1.00E-04
0	0	0.03038374	0.01223124	0.00855081	0.00978398	0.13175827
0.016	0.008	0.22856208	0.32971302	0.21525649	0.3974063	0.75807223
0.012	0.025	0.90205367	1.04599338	1.24145699	1.33622986	1.31592521
0	0	1.00E-04	1.00E-04	0.00532648	0.00210117	1.00E-04
0.016	0.004	0.00899055	0.04715175	0.02615084	0.0155268	0.08722224
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00711109	0.03428071	0.03739171	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.024	0.02	1.05824886	1.04671526	1.22096975	1.23743435	1.06994103
0.004	0	0.01781828	0.01673197	0.04093141	0.01669421	1.00E-04
0	0	1.00E-04	0.06030513	0.05816269	0.10424128	1.00E-04
0	0	0.03266104	0.04015812	0.02319882	0.03679816	1.00E-04
0.063	0.082	1.26294359	1.48436166	1.34834214	1.6327394	1.41208622
0	0	0.40743132	0.47908174	0.33414621	0.38458292	0.36796657
0	0	0.35102505	0.34440433	0.20667301	0.44899501	1.28985963
0	0.004	0.87978616	0.88073861	0.8661665	1.03915886	1.23783093
0	0	0.07998604	0.0908866	0.05433675	0.09773345	0.11147168
0.004	0	0.12454116	0.51304811	0.23889344	0.27093286	0.16521051
0	0	0.09236497	0.17658347	0.05989267	0.04081696	0.11447276
0	0	1.00E-04	1.00E-04	0.0103514	0.0171756	1.00E-04
0	0	1.00E-04	0.03655793	0.02389588	0.03280099	1.00E-04
0	0	0.05754276	1.00E-04	0.03007963	0.01825354	0.05936316
0	0	1.00E-04	1.00E-04	0.0073195	1.00E-04	0.04291566
0.02	0	1.08938249	1.42670799	0.6696435	0.97297463	0.75567953
0.008	0	0.13614967	0.22473451	0.19492951	0.38783444	1.00E-04
0	0	1.00E-04	0.06432215	0.03844113	0.01476999	1.00E-04
0	0	1.00E-04	0.02622116	0.01048278	0.01912946	1.00E-04
0.004	0.004	0.12295779	0.13370378	0.26377439	0.23119106	0.11296035
0.02	0.008	0.85049416	0.81701619	0.64394178	0.91084738	1.20873648
0	0.004	0.17227148	0.12981619	0.09953918	0.10491562	0.03604592
0.056	0.049	2.65597487	2.96107511	2.59926648	2.70307266	2.67750154
0.012	0	1.22632082	1.3790579	0.8239083	0.79582156	0.94998054
0	0	1.00E-04	0.01266662	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00573263	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	0.00363267	1.00E-04
0	0.004	0.02894533	0.01764423	0.00689347	0.01590222	1.00E-04
0	0	0.03555094	0.06122766	0.04875279	0.08038703	0.38298425
0	0	1.00E-04	1.00E-04	0.01497751	0.04783005	1.00E-04
0.028	0.029	2.08654367	2.1752585	1.60759054	1.70937207	1.9214102
0	0	1.00E-04	1.00E-04	1.00E-04	0.00199755	1.00E-04
0.024	0.008	2.18389116	2.41137624	1.31205404	1.48533253	1.94167615
0	0	1.00E-04	0.04735364	0.03927922	0.07452001	1.00E-04
0	0.004	0.25065163	0.08299894	0.05166145	0.04322917	1.00E-04
0.012	0.004	1.19048127	1.49083593	0.89528468	1.10236405	1.23533148
0	0	0.17436489	0.29096144	0.06610296	0.05783016	0.09245413
0.024	0.033	1.61911058	1.57770724	1.83654886	1.86050264	1.44062732
0.04	0.061	1.62812892	1.94853872	1.68729525	1.92452872	1.97209861
0.004	0.004	1.39687521	1.32146453	2.13401108	1.53159115	2.03621455
0.004	0	0.96277206	1.19111929	0.65356514	1.05699301	1.727882
0	0	1.00E-04	1.00E-04	0.00659452	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00101595	1.00E-04	1.00E-04
0	0	0.11833729	0.32174513	0.08504316	0.09447058	1.00E-04
0	0.008	0.23583644	0.33990977	0.22609784	0.40980729	0.19854599
0.075	0.082	2.11775439	2.3963651	1.55761214	1.94818893	1.53862429
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.05276967	0.19953784	0.09265762	0.10609789	1.00E-04
0.008	0	1.38768441	1.68777431	2.38103823	1.83615214	1.91958288
0.012	0.012	0.27757269	0.19953747	0.25656848	0.32243229	0.2195595
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.04417954	0.00867015	0.00117269	0.01249361	0.22837592
0.004	0.008	0.07490243	0.09441299	0.04154198	0.10596165	0.92576738
0	0	1.00E-04	0.00905329	0.0116193	0.0049661	1.00E-04
0.004	0.004	0.59397668	0.63043059	0.42594445	0.53565444	0.7066822
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.008	0.13483915	0.24743404	0.10021108	0.08463112	0.04835543
0.004	0.004	0.27264803	0.37371492	0.30052437	0.49506759	0.23886694
0	0	0.04657396	0.09598871	0.07122168	0.06653595	1.00E-04
0.012	0.008	1.09033524	1.21418281	1.14631099	1.33350743	0.98546199
0	0	0.26054707	0.16329331	0.09315222	0.17842816	0.25140407
0	0	1.00E-04	0.05192253	0.06058408	0.10193071	1.00E-04
0	0	1.00E-04	0.00749744	0.01007598	0.00175494	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.206	0.189	1.68781149	1.80427851	1.95126827	2.15367331	2.74590547
0	0	1.00E-04	0.00460884	0.01844169	0.00856514	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00662978	1.00E-04	0.00325144	1.00E-04
0.016	0.012	1.33020251	1.56564623	1.02845131	1.13711866	1.66426234
0	0.004	0.04623295	0.05539443	0.02812514	0.09650964	0.13647378
0.004	0.004	0.14100461	0.09871217	0.1086202	0.14169595	0.25741137
0.008	0.025	0.48762808	0.46827306	0.48558268	0.73669683	0.52662403
0	0	1.00E-04	1.00E-04	1.00E-04	0.00738563	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00585402	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00404259	0.01196601	1.00E-04
0	0	1.00E-04	0.03289563	0.02040432	0.04325688	1.00E-04
0	0	1.00E-04	1.00E-04	0.0023848	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00356614	1.00E-04	1.00E-04
0	0	0.05837027	0.10085069	0.12418121	0.17739564	1.00E-04
0	0	0.29635602	0.36726429	0.2633882	0.33222488	0.43194846
0	0	0.80815243	0.68091149	0.71512484	0.90201012	1.12246579
0	0	0.35354891	0.32368629	0.28340664	0.37646182	0.36666867
0	0	1.00E-04	0.00584204	0.00591928	1.00E-04	0.25517346
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.04587989	0.09196806	0.12216549	0.18637352	0.20087709
0	0.012	0.9761485	1.41840237	0.79001238	1.04534141	1.35288799
0	0	1.00E-04	0.02634039	0.09183298	0.07917964	1.00E-04
0.02	0.012	1.3129211	2.34922931	0.75885469	0.87158644	1.38151376
0	0	1.00E-04	0.03210397	0.03117724	0.02800107	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.044	0.053	1.46164209	1.69847796	1.45461523	1.846261	1.87848589
0.004	0.004	0.4926789	0.55316854	0.42454226	0.59700967	0.55338117
0	0	0.06662751	0.13269749	0.17051906	0.15944162	0.28133847
0	0.004	0.18768117	0.1542303	0.08507938	0.07577308	0.4819239
0	0	0.02412578	1.00E-04	1.00E-04	0.00476407	1.00E-04
0	0	0.01972286	0.02473545	0.09282623	0.08645369	1.00E-04
0	0	1.00E-04	0.03056007	0.07147037	0.03791621	1.00E-04
0	0	1.00E-04	0.06626435	0.01224915	0.03655079	1.00E-04
0	0	0.01227379	1.00E-04	1.00E-04	0.00852835	1.00E-04
0	0	0.04705587	0.06037951	0.05871215	0.09754457	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00399835	1.00E-04
0	0.008	0.06470099	0.03383818	0.05021167	0.05028722	1.00E-04
0	0	1.00E-04	0.01057153	0.00447835	0.00869794	1.00E-04
0.012	0.012	0.35652866	0.70108688	0.75573761	0.76722545	0.49401346
0	0	1.00E-04	0.01574423	1.00E-04	0.00226497	1.00E-04
0	0	0.34178047	0.24164427	0.69614522	0.70829188	0.08499945
0	0	1.00E-04	1.00E-04	1.00E-04	0.00167629	1.00E-04
0.004	0	0.34842187	0.44788228	0.29752004	0.29585226	0.24765202

0	0	1.00E-04	0.04148967	1.00E-04	0.01786493	1.00E-04
0	0	1.00E-04	0.09799143	0.04227371	0.02198206	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00174929	1.00E-04
0	0	1.00E-04	0.01104926	0.00927762	0.00156437	1.00E-04
0	0	1.00E-04	0.02211684	1.00E-04	0.00845651	1.00E-04
0	0	1.00E-04	0.01893374	0.00266455	0.00192787	1.00E-04
0.004	0	0.05399115	0.25041866	0.5609278	0.11400975	0.05867888
0.016	0.004	1.39670927	1.37767497	2.19183448	2.33222782	1.73085495
0	0	1.00E-04	0.06259721	0.00497853	1.00E-04	1.00E-04
0	0.004	0.52952157	0.22602697	0.43073984	0.44393237	0.28691433
0	0	1.00E-04	0.00591152	0.00128554	1.00E-04	1.00E-04
0	0	0.27133589	0.04968547	0.19218369	0.27460859	1.00E-04
0	0.004	0.38206249	0.46071284	0.18877373	0.17150757	0.18235384
0	0	0.12372803	0.07502961	0.01833212	0.02295009	0.14306783
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.06087243	0.11922911	0.08025289	0.14053944	0.07813394
0	0.004	0.14511056	0.10378814	0.05298959	0.13460608	0.91863111
0	0	1.00E-04	0.01542641	1.00E-04	1.00E-04	1.00E-04
0	0	0.02909321	0.02032063	0.0381432	0.01798862	0.12131196
0	0	1.00E-04	0.02168368	0.01807109	0.00750999	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0028198	1.00E-04
0.008	0.004	1.00E-04	0.04475168	0.06089517	0.09257915	0.07325136
0	0	1.00E-04	1.00E-04	0.0047742	0.00266228	1.00E-04
0	0	1.00E-04	0.01478802	1.00E-04	0.01733743	1.00E-04
0	0	1.00E-04	1.00E-04	0.00736987	0.0294511	1.00E-04
0	0	1.00E-04	0.0110028	0.00494895	0.01275154	1.00E-04
0	0	1.00E-04	0.03199798	0.00281057	0.02552997	1.00E-04
0	0	1.00E-04	1.00E-04	0.00214104	0.00201284	1.00E-04
0	0	1.00E-04	1.00E-04	0.00484603	1.00E-04	1.00E-04
0	0	1.00E-04	0.04162828	0.01704866	0.01078536	1.00E-04
0	0	1.00E-04	0.02600987	1.00E-04	0.00216838	1.00E-04
0	0	1.00E-04	0.00424663	0.01894156	0.0368396	1.00E-04
0	0	0.01279119	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	1.00E-04	0.02752496	0.03759766	0.06654714	1.00E-04
0	0	0.1318848	0.1258536	0.08352881	0.15194381	0.07789652
0.004	0.004	0.27660264	0.29630435	0.16422304	0.19648278	0.41514744
0	0	0.02918436	0.04893741	0.03869261	0.01422894	0.06977375
0	0	1.00E-04	1.00E-04	0.01224902	0.00214259	1.00E-04
0	0	1.00E-04	1.00E-04	0.00422001	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00216278	0.01168517	1.00E-04
0.04	0	1.45817934	1.26364854	2.17245447	1.2396212	1.78738973
0	0	1.00E-04	1.00E-04	0.00134696	1.00E-04	1.00E-04

0.063	0.07	1.15226262	1.29674452	1.24226291	1.58502395	1.25549836
0	0	1.00E-04	1.00E-04	1.00E-04	0.00255144	1.00E-04
0	0	1.00E-04	0.01086206	0.0104422	1.00E-04	1.00E-04
0	0	1.00E-04	0.00325017	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00274249	1.00E-04	1.00E-04
0	0	1.00E-04	0.00484555	0.0263063	0.03236242	1.00E-04
0	0	0.00916464	0.04075146	0.01258374	0.01442092	1.00E-04
0	0	0.05706974	0.0335434	0.02179244	0.01121851	1.00E-04
0	0	1.00E-04	0.00429926	0.01043266	0.00187481	1.00E-04
0.028	0.041	1.00E-04	1.00E-04	0.00540731	0.01087051	1.00E-04
0	0	0.09272651	0.03373841	0.04439092	0.04038271	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00541899	1.00E-04
0.008	0	0.14237285	0.3214054	0.34626583	0.29251822	0.31054566
0	0	1.00E-04	0.01951592	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0069853	0.00373238	0.00334829	1.00E-04
0	0	0.09222276	0.01669994	1.00E-04	1.00E-04	0.07830188
0	0	1.00E-04	1.00E-04	1.00E-04	0.00789451	1.00E-04
0	0	1.00E-04	0.04440074	0.04720027	0.08202659	1.00E-04
0	0	0.04825672	0.00324637	0.05756832	0.03183033	1.00E-04
0.012	0.016	0.76701404	0.7061968	0.71640623	0.96781655	0.80599053
0	0.004	0.14487797	0.19124173	0.15951286	0.22929192	0.30830616
0	0	0.04080547	0.0188837	0.02094192	0.01582622	1.00E-04
0	0	1.00E-04	1.00E-04	0.07688295	0.03357819	1.00E-04
0	0	0.02999361	0.02005098	0.01391216	0.06964026	1.00E-04
0.036	0.029	1.47474949	1.42677773	2.35142796	2.44965886	1.92437393
0.075	0.078	1.91586416	1.77256828	1.74284268	2.62214821	2.08624911
0	0	0.11439831	0.09223416	0.14466406	0.10870585	0.43649483
0	0	0.09929239	0.13643868	0.03946496	0.04913082	1.00E-04
0.004	0	0.468986	0.2922245	0.49370516	0.56441661	0.2308984
0	0	0.31033912	0.43825294	0.18736136	0.13371616	0.43625559
0	0	1.00E-04	0.0722061	0.07381646	0.06805364	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01840121	1.00E-04
0	0	0.08114358	0.06671164	0.03368383	0.03936037	1.00E-04
0	0	0.18582889	0.13900674	0.02932186	0.05596655	0.05418941
0	0	1.00E-04	0.00907699	1.00E-04	0.00466268	1.00E-04
0.008	0	2.00908047	2.00394637	1.0954434	1.28721004	1.47231809
0.004	0	0.59121341	0.9061941	0.52017512	0.99894668	0.29308841
0	0	0.0118793	1.00E-04	0.00932153	1.00E-04	1.00E-04
0	0.004	0.26191871	0.35576123	0.29278943	0.58413309	0.29203464
0	0	0.14585874	0.08013897	0.06001125	0.08903787	1.00E-04
0.004	0	0.19484263	0.25880929	0.36130796	0.43384692	0.04046889
0	0	1.00E-04	0.00312894	1.00E-04	1.00E-04	1.00E-04
0	0	0.53096238	0.72110685	0.38959895	0.63817082	0.51881205

0	0	0.02288062	0.22838992	0.05100539	0.03711889	1.00E-04
0.087	0.086	3.30656753	4.76556955	3.37051785	3.68130256	3.27871111
0.02	0.02	1.17847724	1.61880367	0.87980314	1.09265227	1.31673591
0	0.004	0.90946807	1.23943801	0.88357798	1.24630622	0.90543758
0	0	1.00E-04	1.00E-04	1.00E-04	0.00194587	1.00E-04
0.008	0	0.11402721	0.00902782	0.01969089	0.01666582	0.20676357
0.024	0.02	0.50097056	0.58390934	0.65673987	0.76906857	1.19164373
0	0	1.00E-04	0.0718843	0.18290203	0.10048278	1.00E-04
0.004	0.016	0.20289288	0.29054421	0.29617494	0.38542057	0.31185745
0	0	0.27711454	0.32103245	0.28477586	0.32432829	0.08421343
0	0	1.00E-04	0.00433301	0.01383913	0.00966228	1.00E-04
0.004	0	0.11546668	0.27705888	0.34852675	0.29241362	0.39721282
0.004	0	0.15370368	0.29742313	0.21183513	0.19765187	0.07518909
0.012	0	0.35362692	0.24440973	0.35746637	0.44317223	0.48926068
0	0	0.17516414	0.16516003	0.14219463	0.09822943	0.11457798
0	0	1.01166883	1.07484106	0.24430719	0.55287178	0.42061083
0	0	1.00E-04	0.0116534	1.00E-04	0.00538381	1.00E-04
0	0	1.00E-04	0.08194249	0.01491301	0.07648908	1.00E-04
0	0	0.04110463	0.03454433	0.01198478	0.03735717	1.00E-04
0	0	0.11238677	0.17811576	0.0309087	0.0485229	0.1142043
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00522736	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01685716	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00353692	1.00E-04
0	0	0.20578943	0.12827225	0.09560593	0.1277827	0.30068048
0	0.004	0.61024482	0.65802213	0.95191737	1.02592316	0.75821623
0	0	0.31663862	0.41283178	0.55368321	0.45866575	0.27681405
0.004	0	0.02514894	0.08530225	0.03338428	0.05248919	1.00E-04
0	0	1.00E-04	0.02268554	0.019677	0.01553751	1.00E-04
0	0	0.82641937	0.8497815	0.80833153	0.89469835	0.68867301
0	0	1.00E-04	0.01092376	0.0493439	0.04661983	0.04459191
0	0	1.00E-04	0.08507988	1.00E-04	0.02420483	1.00E-04
0	0	0.09407025	0.13306464	0.08509283	0.11966183	0.05641945
0	0	0.38585141	0.21439425	0.12638182	0.19721725	0.35016768
0.008	0	0.31170345	0.26517864	0.14860515	0.25813275	0.44571373
0.083	0.057	2.36829738	2.64054951	2.02906459	2.11359169	2.31830123
0	0	1.00E-04	0.02671996	0.00995538	0.01470022	1.00E-04
0	0	0.08189459	0.11221647	0.02982147	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00450575	0.00805099	0.00415725	1.00E-04
0.02	0.008	1.09517732	1.10151704	1.29799979	1.14234056	1.62818797
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.02150781	0.00864059	0.05205148	0.02067794	1.00E-04

0.008	0.008	0.33977358	0.25239313	0.26990212	0.40553141	0.6325604
0.437	0.361	4.69188327	4.72871276	4.15471649	4.37727726	4.61937234
0.008	0	0.32593221	0.47151739	0.35446338	0.34117362	0.22717531
0	0	1.00E-04	0.02120255	1.00E-04	1.00E-04	1.00E-04
0	0	0.12997361	0.30657488	0.37107185	0.22261399	0.34079044
0	0	0.03475878	0.0550634	0.00746764	1.00E-04	0.04839768
0	0	0.09663638	0.11797978	0.09699136	0.12038	1.00E-04
0	0	0.01025184	1.00E-04	1.00E-04	0.01197067	0.07025509
0	0.012	0.15400822	0.23202655	0.22269695	0.33515007	0.709118
0	0	1.00E-04	0.03063459	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00749903	1.00E-04
0	0	0.03266399	0.0243233	0.02024849	0.02372582	0.23995656
0	0	1.00E-04	1.00E-04	0.00348059	0.00755985	1.00E-04
0	0	1.00E-04	0.01317407	0.0154955	0.00545065	1.00E-04
0.004	0.004	1.00E-04	1.00E-04	0.00149728	0.00476978	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01987595	1.00E-04	0.00962262	1.00E-04
0	0	0.2119086	0.23729718	0.09081752	0.10518508	0.40338333
0.004	0	1.00E-04	0.06970447	0.31764251	0.01653295	1.00E-04
0.004	0.008	0.59503058	0.60110665	0.43680832	0.57278252	0.29977801
0.036	0.037	1.78398817	2.06488574	1.73288211	2.03606633	2.3022266
0.012	0.004	0.07442249	0.06739709	0.0421933	0.07865928	0.26007933
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.06879598	0.04197987	0.05396139	0.05058744	0.03525135
0	0.004	0.03840186	0.11258494	0.0370046	0.06375711	0.19912995
0.012	0.02	1.00E-04	0.0352818	1.00E-04	0.00349525	0.57214339
0	0	0.0218845	0.10712752	0.06197326	0.08279144	1.00E-04
0	0	1.00E-04	0.0325029	0.01513407	0.02728442	1.00E-04
0	0	1.00E-04	1.00E-04	0.00667594	0.00256171	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.00183944	1.00E-04	1.00E-04
0	0	0.03199178	0.00802514	0.0047113	0.0123889	0.37155689
0.02	0.016	0.11156254	0.19220095	0.2359747	0.27749639	0.30076297
0	0	1.00E-04	0.01002498	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00407631	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.05689563	0.00638296	0.01263477	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02694176	0.01835477	0.04075863	0.06583574	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01033381	0.00920105	1.00E-04	1.00E-04
0	0	1.00E-04	0.00946709	0.01409928	0.03688608	1.00E-04
0	0	1.00E-04	0.00984559	0.01008451	0.02972621	1.00E-04
0	0	1.00E-04	1.00E-04	0.00907718	0.00629229	1.00E-04

0	0	1.00E-04	0.10727852	0.00378894	0.01362905	1.00E-04
0.004	0	0.07487685	0.08923941	0.13640355	0.15122989	0.31056605
0	0	1.00E-04	1.00E-04	0.01076148	0.00299498	1.00E-04
0.004	0.008	0.06019846	0.12811476	0.09381833	0.10826223	1.00E-04
0.008	0	0.14399026	0.07486305	0.09724592	0.18082748	0.04395639
0.004	0	0.3301445	0.42066436	0.16388886	0.27181264	1.00E-04
0.008	0.004	0.7134676	0.82236473	0.67794805	0.80811482	0.67733333
0.063	0.061	1.64384759	1.8062665	1.84467547	1.96371241	2.12796663
0	0	0.49736445	0.7068544	0.59981697	0.96076673	0.56025488
0	0	1.00E-04	1.00E-04	1.00E-04	0.00854597	1.00E-04
0.071	0.049	3.7007206	3.84606037	3.48370736	3.72967174	3.7470342
0.008	0	0.14029393	0.1261661	0.18483232	0.18400999	1.00E-04
0	0	1.00E-04	0.02421331	0.08485362	0.04992853	1.00E-04
0	0	0.39067494	0.47750416	0.80667064	0.43899726	0.15818448
0	0	1.00E-04	0.04197894	0.02514764	0.05396674	1.00E-04
0	0	0.10451662	0.1453297	0.18446635	0.14305743	0.2284784
0.004	0	0.27970891	0.32124881	0.39057964	0.4155152	0.28206896
0.02	0.016	0.77695462	0.99488924	1.19789265	1.29590712	1.02468756
0	0	0.86114222	0.84685234	0.5428889	0.66323063	0.46848358
0	0.004	0.17787633	0.18682953	0.27598648	0.34435437	0.39995636
0	0	1.00E-04	1.00E-04	0.00539926	0.0142029	1.00E-04
0	0	0.09236973	0.15186971	0.08303916	0.15428204	0.22571886
0	0	0.40507512	0.54130544	0.24334413	0.37645868	0.06727665
0	0	1.00E-04	0.0333394	0.03600758	0.03376268	1.00E-04
0	0.004	0.14448595	0.22897624	0.22212322	0.23703613	0.2346717
0.067	0.053	1.08052377	1.29431586	1.16399776	1.64243488	1.16836728
0	0	1.00E-04	0.00396706	0.01493605	0.00203076	1.00E-04
0.004	0	0.43032891	0.40163814	0.36151485	0.50019218	0.37122866
0	0	0.13297196	0.32493274	0.11638453	0.20763825	1.00E-04
0.004	0	0.04091726	0.16978851	0.07021832	0.11294072	1.00E-04
0	0	0.04771545	0.11348835	0.06894732	0.08235855	0.07378229
0	0	0.4795984	0.30988536	0.51337333	0.76763296	1.00E-04
0.004	0.004	1.00E-04	0.08542852	0.02956432	0.03660346	1.00E-04
0	0	1.00E-04	1.00E-04	0.01602887	1.00E-04	1.00E-04
0.004	0.008	0.94129221	1.06754349	0.98137268	1.00724731	0.74813439
0	0	1.00E-04	0.0262012	0.02915018	0.04355274	1.00E-04
0.004	0.012	0.2927098	0.27478863	0.28468367	0.32761733	0.16023646
0	0	0.44654454	0.5666578	0.43684579	0.59611169	0.1623977
0	0	0.21327363	0.45555791	0.2680652	0.3136384	1.00E-04
0	0	0.20417819	0.3078508	0.17380325	0.25738104	0.42206472
0.032	0.029	1.3191744	1.64880392	1.14608038	1.22686613	1.93803388
0	0	0.11344486	0.10594267	0.03887085	0.07689503	0.05641945
0	0	0.03273533	0.06176677	0.00773642	0.01517959	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.04854266	0.13442182	0.05763571	0.03725946	1.00E-04
0.012	0.004	0.21443359	0.3129729	0.30866967	0.41716968	0.35265148
0	0	1.00E-04	1.00E-04	1.00E-04	0.00585753	1.00E-04
0.004	0	0.16251533	0.20122375	0.16052281	0.13217974	0.25131216
0.028	0.029	0.52388304	0.73397221	1.09756165	1.07477491	1.00082636
0.012	0.012	0.63556834	0.87300741	0.80770552	1.1057955	0.83794466
0.056	0.061	0.8871963	1.06934049	0.99172479	1.43728577	0.79979723
0	0	1.00E-04	1.00E-04	0.01198549	0.01244564	1.00E-04
0	0	1.00E-04	1.00E-04	0.00263199	0.00249009	1.00E-04
0	0	1.00E-04	0.08496588	0.02995787	0.0775284	0.08321229
0	0.008	0.07102558	0.03340371	0.06896316	0.07566937	0.04054828
0	0	1.00E-04	1.00E-04	1.00E-04	0.00257823	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00634071	1.00E-04
0	0	1.00E-04	0.0041725	1.00E-04	0.01433614	1.00E-04
0	0	1.00E-04	0.00811295	0.00454181	0.00232412	1.00E-04
0	0	0.03998853	0.0355307	0.06762376	0.11382431	0.21274547
0	0	1.00E-04	1.00E-04	1.00E-04	0.00239264	1.00E-04
0.004	0.004	0.39602968	0.32792391	0.2218115	0.2496994	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00327387	1.00E-04
0	0	1.00E-04	0.08325033	0.09211956	0.02808615	0.08535607
0	0	1.00E-04	0.00269133	1.00E-04	0.01043351	1.00E-04
0	0	0.06873329	0.00927076	0.05452724	0.01318194	0.20448222
0	0	1.00E-04	1.00E-04	0.00778074	0.00962896	1.00E-04
0.008	0	1.00E-04	0.03821259	0.00946108	0.03132426	1.00E-04
0	0	0.03873206	0.04902696	0.01825449	0.00949737	1.00E-04
0	0	1.00E-04	0.00737023	0.00463059	1.00E-04	1.00E-04
0	0	1.00E-04	0.00327811	0.00941055	1.00E-04	1.00E-04
0	0	1.00E-04	0.22232786	0.09544728	0.06137533	1.00E-04
0	0.004	1.00E-04	0.01343289	0.04480113	0.04261302	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00553215	1.00E-04
0	0	1.00E-04	1.00E-04	0.00126236	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00199476	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.02122623	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04	0.02	1.44902411	1.30178336	2.34018139	1.33030399	2.29077255
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	1.00E-04	0.04702854	0.12435878	0.08084356	1.00E-04
0	0	1.00E-04	1.00E-04	0.00588904	0.0080743	1.00E-04
0	0.004	0.44279505	0.36518572	0.36679892	0.23031329	0.73590979
0.012	0.004	0.08374433	0.0988887	0.0655856	0.14289115	0.07869805
0	0	1.00E-04	1.00E-04	0.00623424	0.00123415	1.00E-04

0	0	1.00E-04	0.04175443	0.01366757	0.00349216	1.00E-04
0	0	0.01130936	0.02161584	0.03570533	0.01855696	0.07024147
0	0	0.04957373	0.04784066	0.04496622	0.03866731	1.00E-04
0	0.004	0.0330162	0.08252209	0.07312619	0.05971448	0.15625047
0	0	0.05465562	0.03562524	0.01622809	0.02523705	1.00E-04
0	0	0.21549062	0.2165785	0.10558967	0.13110246	0.03381068
0.004	0.004	2.54850758	2.55676752	2.27513385	2.40704256	1.45655014
0	0	0.44217641	0.6123386	0.32672032	0.3936663	0.09877024
0	0	1.00E-04	0.01017402	0.01818978	0.0131152	1.00E-04
0.004	0.004	0.97507192	1.05344082	0.57307499	0.73032452	1.17143514
0	0	0.02195298	0.05212678	0.11352882	0.11761631	0.04564578
0	0	1.00E-04	0.01403081	0.02465764	0.04219547	1.00E-04
0.032	0.033	1.69867725	1.17981918	1.412823	1.30223527	2.04478604
0	0	1.00E-04	0.03401525	0.00159176	0.00888153	1.00E-04
0	0.004	0.05626014	0.12959752	0.07557087	0.04358901	1.00E-04
0	0	1.00E-04	0.00538282	0.00928868	0.00246534	1.00E-04
0	0	0.01859377	0.01288766	0.04304033	0.04714839	0.05058647
0.024	0.004	3.15786855	2.47613403	3.78990652	3.63499636	2.29925843
0	0.004	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01806352	0.01210239	0.00145386	1.00E-04
0	0	0.18201215	0.04427072	0.01899892	0.02262575	0.41387657
0	0	1.00E-04	0.10452458	0.03224851	0.05410091	1.00E-04
0	0	0.30067389	0.87339184	0.21114963	0.24317287	0.29763313
0.004	0.008	0.14899638	0.32914695	0.14217245	0.19646921	0.24778039
0	0	0.01774623	0.00409519	0.02822845	0.05181568	1.00E-04
0	0	1.00E-04	0.01730907	0.0175402	0.00524942	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00137711	1.00E-04
0	0	0.29827348	0.344275	0.20653455	0.32223795	0.16225416
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00418631	0.00145814	0.00408026	1.00E-04
0.004	0	1.00E-04	0.09195732	0.05336726	0.01662209	1.00E-04
0	0.004	0.3630481	0.26099377	0.16947058	0.20394914	0.30211671
0.004	0	1.00E-04	1.00E-04	0.00576671	0.0083047	1.00E-04
0.004	0.004	0.06425864	0.22164662	0.12760915	0.17126404	0.03585461
0	0	1.00E-04	1.00E-04	0.01119912	0.00869031	1.00E-04
0	0	0.64162791	0.3165674	0.2874688	0.34940285	0.34502533
0	0	1.07521019	0.99651063	1.26852591	1.23409392	0.03910668
0	0	1.00E-04	1.00E-04	0.00363786	0.01681904	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00270448	1.00E-04
0	0	0.12178184	0.12247468	0.065033	0.04288048	0.08103546
0.083	0.086	3.23702626	3.15927387	3.83580463	3.97706733	3.39163298
0	0	1.00E-04	1.00E-04	0.0174952	0.01128932	1.00E-04
0	0	1.00E-04	1.00E-04	0.00365857	1.00E-04	1.00E-04

0	0	0.06578105	0.3658734	0.25082058	0.15054749	0.06815594
0.214	0.217	0.03172729	0.50046192	0.31746024	0.27592451	0.06034893
0	0	0.00644806	0.03694746	0.00804575	0.00876839	0.05015589
0.004	0.016	2.27342369	2.84060728	2.11291449	2.15666374	2.09107162
0	0	0.01242105	0.09829284	0.0710392	0.07435584	1.00E-04
0	0	0.14952195	0.14870798	0.21978129	0.18550616	0.27716348
0	0	0.24158227	0.455793	0.16203919	0.24303434	0.32986576
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0225813	0.00229344	1.00E-04	1.00E-04
0	0.004	0.31644718	0.46926853	0.51505221	0.59281879	0.30952104
0.004	0.008	0.13532679	0.14377234	0.10016563	0.17096083	0.69777218
0	0.004	0.08037149	0.07624329	0.03596013	0.03006826	0.57354998
0	0	1.00E-04	1.00E-04	0.00337174	0.01365097	1.00E-04
0	0	1.00E-04	1.00E-04	0.01056226	0.00383605	1.00E-04
0	0	0.02625697	0.03469352	0.02644306	0.04482888	1.00E-04
0.004	0.004	0.04565581	0.00743772	0.03251211	0.04748975	0.28664394
0	0	0.00842617	0.0173518	0.05114866	0.02745716	0.12092666
0	0	0.20663736	0.06122114	0.04362422	0.03117576	0.22098044
0.008	0.004	0.08021356	0.17836265	0.19842085	0.20744873	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.065498	0.02696813	0.01577271	0.0363176	1.00E-04
0.012	0.004	0.4715265	0.68896613	0.50782462	0.66227084	0.78591361
0	0	1.00E-04	0.02416735	0.00860127	0.01422704	1.00E-04
0	0	0.07034211	0.00423188	0.01053798	0.00559463	0.25741463
0	0	0.05717582	0.20175396	0.09387325	0.1472626	1.00E-04
0	0	1.00E-04	0.02155782	0.01041391	0.03784407	1.00E-04
0	0	1.00E-04	1.00E-04	0.01114889	0.01337071	1.00E-04
0.004	0	1.03317506	2.31607761	0.70996212	1.23669122	0.48062889
0	0	1.00E-04	0.02202516	0.00351397	1.00E-04	1.00E-04
0	0	0.22418837	0.17263934	0.09534803	0.25374179	0.33148841
0.004	0	0.46879151	0.4587195	0.4673032	0.65473502	0.55640099
0.004	0	0.01996536	0.04354629	0.01945174	0.03662236	0.10749166
0.004	0.008	0.61117562	0.73268733	0.67588983	0.98031864	0.52093354
0	0	0.13342557	0.12564634	0.09593471	0.16107342	0.24863809
0.008	0.004	0.79562133	0.72797557	0.95183951	1.12745663	0.75870157
0	0	0.06659594	0.11985117	0.08155128	0.09819768	0.03859445
0	0	1.00E-04	1.00E-04	0.0044058	1.00E-04	1.00E-04
0.06	0.037	2.16469365	2.16003361	2.052827	2.34487124	2.20636394
0.024	0.025	2.53315867	2.42268453	2.56798439	2.91218022	1.85101181
0.004	0	0.33526716	0.15866064	0.60680348	0.21279648	0.37305595
0	0	0.01710489	0.00915923	0.03198344	0.06046483	1.00E-04
0.04	0.004	1.24622694	0.92078187	1.44626597	1.35314316	1.13133767
0	0.004	0.04165701	0.15823902	0.11989838	0.16539607	0.08555044

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.4107521	0.32921181	0.53017433	0.67481536	0.30132876
0.008	0.004	0.47011009	0.30275887	0.44270187	0.41111073	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00492627	1.00E-04
0	0	0.13254243	0.1013322	0.07831856	0.0884818	0.27742401
0	0	0.05935415	0.0838513	0.05345912	0.06962122	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02599907	0.11762418	0.06991787	1.00E-04
0	0	1.00E-04	1.00E-04	0.00882998	0.00774841	1.00E-04
0.008	0	1.65141502	1.25451159	1.40101514	1.63658489	0.18073232
0.028	0.012	2.33698914	2.699054	1.82201506	1.85858774	2.16579911
0	0.004	0.85782761	0.5833339	0.91173025	0.7077785	0.08625331
0	0	1.00E-04	0.00384359	0.00819648	0.01183609	1.00E-04
0.004	0	0.67915322	0.97650661	0.55835005	0.50027502	0.40454709
0	0	1.00E-04	0.0029459	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01455181	0.01264497	0.02843966	0.04344342
0	0	1.00E-04	0.03884341	1.00E-04	0.00194579	1.00E-04
0.008	0	1.85449356	1.55944428	2.27952941	2.27654275	2.56727187
0.012	0.004	0.49738885	0.75765315	0.58084222	0.72085561	0.61961452
0	0	0.03040623	0.02934837	0.06565086	0.09186733	0.03253275
0.004	0	0.15546448	0.1620428	0.19334099	0.26541207	0.19985136
0.044	0.02	1.17041068	1.29906981	1.09164844	1.3395007	1.46389685
0.004	0	0.04127597	0.00545304	0.03905002	0.05932692	0.16843773
0.004	0	0.09520829	0.07264243	0.06662395	0.14807751	0.11215294
0	0	1.00E-04	0.02239797	0.033501	0.00428591	1.00E-04
0	0.012	0.16224589	0.184941	0.17808686	0.36072216	0.33660426
0	0	0.22909482	0.30277916	0.32747721	0.48296492	0.04869037
0	0	1.00E-04	1.00E-04	0.00416483	1.00E-04	1.00E-04
0	0	0.01588786	0.02212528	0.04993763	0.03013363	1.00E-04
0	0	0.01085914	0.09078898	0.13623024	0.04542266	1.00E-04
0	0	0.54998451	0.53331123	0.2474301	0.30441893	0.91720356
0	0.008	0.51517166	0.47613907	0.25394541	0.36079606	0.67039667
0	0	0.40696375	0.26504461	0.29755401	0.35821039	0.27228202
0	0	1.81055429	1.80354599	1.36941637	1.60606897	1.73984768
0.008	0	2.13797245	2.28769377	1.4954752	1.76271635	2.35072049
0.004	0	0.59616118	0.60857614	0.48354335	0.67323232	0.63594107
0	0	1.00E-04	0.02171118	0.03493718	0.06838595	1.00E-04
0.024	0.025	1.14969531	1.1014282	1.37654501	1.44780233	1.38437645
0.004	0	0.0582307	0.07577572	0.0388899	0.04223452	1.00E-04
0.012	0.008	0.57996501	0.79091641	0.5299379	0.71042294	0.81520447
0	0	1.00E-04	1.00E-04	1.00E-04	0.00905876	1.00E-04
0.004	0.008	0.12006266	0.19127326	0.15214653	0.24312713	0.1330524
0	0	1.00E-04	1.00E-04	1.00E-04	0.00428325	1.00E-04

0.02	0.016	0.06309505	0.07488208	0.13045885	0.15410445	0.51872043
0	0	0.00735304	0.13049069	0.10036307	0.1189082	1.00E-04
0.004	0	0.35639222	0.72357579	0.44117309	0.52380606	0.33399024
0	0	1.00E-04	0.03239091	0.0433835	0.06275766	1.00E-04
0	0	1.00E-04	1.00E-04	0.0021102	1.00E-04	1.00E-04
0	0	0.0094047	0.00931139	0.00469074	0.01338217	1.00E-04
0	0.004	0.38799306	0.72132344	0.2963668	0.39575415	0.29753626
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00129112	1.00E-04
0	0	1.00E-04	0.00753772	0.01505297	0.01902178	1.00E-04
0	0	1.00E-04	0.03760422	0.02218743	0.01971098	1.00E-04
0	0.004	0.02539691	0.03482347	0.02734474	0.06666846	1.00E-04
0.004	0	0.35179858	0.47495779	0.40093674	0.48997009	0.47699189
0	0.016	0.49742398	0.62623424	0.25951986	0.45154932	0.31467744
0.004	0	0.51086983	0.3876487	0.4955355	0.54160049	0.70296973
0.139	0.086	3.1111422	3.25121298	2.82721951	2.97637433	2.9178724
0	0	0.14566556	0.10907609	0.38121057	0.22966107	0.05331929
0	0	0.27385309	0.18700828	0.18035958	0.211403	0.09698005
0.024	0.008	1.10677198	1.12094293	1.10265976	1.50985924	1.38292561
0	0	0.06013864	0.08606681	0.05774557	0.11456859	0.07756917
0	0	1.00E-04	1.00E-04	0.00441487	1.00E-04	1.00E-04
0	0	0.0195501	0.01475155	1.00E-04	1.00E-04	0.0982077
0.012	0.008	1.27273514	1.54441759	1.42486825	1.51978908	1.36481411
0	0	1.00E-04	1.00E-04	1.00E-04	0.00236607	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01331309	1.00E-04
0.004	0	0.64357477	0.68679987	0.52227673	0.70323995	0.60255653
0	0	0.03501832	0.06839507	0.08355675	0.10005283	0.25208883
0.008	0.012	1.37658323	1.69072821	1.55609698	1.77492284	1.37920918
0	0	1.00E-04	1.00E-04	1.00E-04	0.00576455	1.00E-04
0	0	1.00E-04	1.00E-04	0.00791899	0.00511126	1.00E-04
0	0	1.00E-04	1.00E-04	0.00301786	1.00E-04	1.00E-04
0	0	0.09174001	0.11229134	0.15928423	0.13603171	0.05681065
0	0.012	0.52957972	0.53383776	0.42975826	0.48151679	0.4352955
0	0	0.11151464	0.34899721	0.3028691	0.36130696	0.14664282
0.004	0.004	0.24628134	0.18521712	0.1719983	0.24624532	0.09803536
0	0	0.10369728	0.13698752	0.06166421	0.05437096	0.05058647
0	0	1.00E-04	0.06246992	0.0510439	0.07882536	1.00E-04
0.044	0.041	2.26352209	2.52622813	2.41720976	2.6403375	2.55712736
0	0	0.02904177	0.03476427	0.03247177	0.02689205	0.16689381
0	0	1.00E-04	0.02876552	0.01639408	0.00473128	1.00E-04
0.028	0.045	1.63412134	2.06077305	1.7599697	1.86649764	1.78212144
0	0	0.02073392	0.05255432	0.07494447	0.08385822	1.00E-04
0	0	0.68450445	0.77433374	0.6985511	0.92550983	1.69428164

0.016	0.008	0.438565	0.81023777	1.26446258	0.79222014	0.84405879
0.008	0.008	0.2723698	0.36444511	0.43694734	0.27643815	0.40658779
0	0.004	0.0806879	0.16434601	0.25866489	0.22374137	1.00E-04
0	0	1.53535306	1.45832752	1.39425238	1.32107411	1.02973973
0.008	0	0.32015641	0.36473312	0.38331326	0.41452832	0.10800972
0	0	0.37029897	0.2640654	0.18618168	0.27372916	0.17322994
0	0.004	1.00E-04	0.00523064	0.00854301	0.0049123	1.00E-04
0.123	0.102	1.41736571	1.81124189	2.10391393	2.2291944	1.51541753
0	0	1.00E-04	0.01854523	0.00405491	0.00250194	1.00E-04
0	0	0.01789343	0.1105495	0.04432798	0.03794647	1.00E-04
0.083	0.094	2.09400177	2.16492398	2.27516129	2.31501547	1.98929867
0	0.004	0.25889691	0.32577235	0.23873145	0.2872543	0.16211619
0	0	0.12955164	0.06852252	0.08646233	0.10612698	0.24363602
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.27177366	1.00032271	0.27176123	0.39438526	1.00E-04
0	0	0.01851066	0.06230076	0.04970759	0.10884931	0.14155918
0.004	0.012	0.01686113	0.14175905	0.06037297	0.1165819	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01498543	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.98149747	0.94424759	0.64479283	0.83158992	0.49445503
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.016	0.02	0.35343407	0.50297162	0.27379081	0.29738081	0.88775656
0	0	0.01505651	0.09268042	0.04078297	0.03038401	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00567415	0.00854784	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00411942	0.01606326	1.00E-04
0	0	0.24625816	0.17986397	0.23492498	0.36977323	0.25417264
0.004	0	0.01754532	0.0056887	0.00914015	1.00E-04	1.00E-04
0.008	0	0.042053	0.03119799	0.01092284	0.0187056	1.00E-04
0.024	0.008	1.00E-04	0.01188583	0.00144479	0.00376097	0.13303418
0	0	0.30816335	0.44740871	0.15084179	0.17202337	0.12411525
0	0	0.66492361	0.84481374	0.30961486	0.35758805	0.28784757
0	0	0.03949183	0.02198205	0.10206043	0.14100832	0.02869053
0	0	0.4073539	0.43239137	0.29068179	0.25363888	0.36137475
0	0	0.11221932	0.04010562	0.0597834	0.06152953	1.00E-04
0.004	0.012	0.36589374	0.4709112	0.3988628	0.49872714	0.46905114
0	0	0.64898738	0.70346753	0.36929423	0.44278983	0.48485126
0.008	0.004	0.03277283	0.1182553	0.05712693	0.11525167	1.00E-04
0.008	0	0.2240496	0.24999014	0.23369799	0.43583577	0.29881308
0.044	0.049	1.91060056	2.05594515	2.32256692	2.43778194	2.25812741
0	0	0.06849912	0.0521967	0.03292052	0.07025115	0.27261711
0	0	1.00E-04	0.02329036	0.03686806	0.0142047	1.00E-04
0	0	1.00E-04	0.03289987	0.0157314	0.03312073	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	0.00213107	1.00E-04
0	0	1.00E-04	0.00316062	0.0136441	0.01049205	1.00E-04
0	0	1.00E-04	1.00E-04	0.00149564	1.00E-04	1.00E-04
0	0	0.35470545	0.39776474	0.55933795	0.60458259	1.00E-04
0	0	1.00E-04	0.03106696	0.03198001	0.03698223	1.00E-04
0	0	0.04746145	0.03766175	0.04739496	0.04426745	1.00E-04
0	0.004	0.10153349	0.07691855	0.05997824	0.08163247	0.05115835
0	0	1.00E-04	0.0254008	0.00496361	0.01699317	1.00E-04
0	0	0.13548811	0.15085703	0.11307859	0.15006354	0.09860325
0.02	0.029	1.21556079	1.51970778	1.36087018	1.62046665	1.22882475
0	0	0.04393359	0.13874127	0.03258246	0.0527699	0.24164767
0	0	0.03932988	1.00E-04	1.00E-04	0.00932059	1.00E-04
0.008	0.008	0.36786692	0.29960424	0.49599471	0.47422464	0.34809124
0	0.008	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02138672	0.00656525	0.00599178	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00226371	0.00396965	1.00E-04
0.004	0	0.12607813	0.03923607	0.04976811	0.05153033	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00962602	1.00E-04	0.00372648	1.00E-04
0	0	0.0102631	1.00E-04	1.00E-04	0.0054194	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00234667	1.00E-04
0	0	1.00E-04	0.01120342	0.00365359	0.01776258	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	0.00518612	0.02037712	0.03285555	1.00E-04
0	0	1.00E-04	0.00344578	0.01071867	0.00841098	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00180612	1.00E-04
0	0	1.00E-04	0.00937958	1.00E-04	0.00115366	1.00E-04
0	0	1.00E-04	1.00E-04	0.00469965	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.0050495	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01323216	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00195349	0.06052039
0	0	0.00984287	0.00647258	0.00214208	1.00E-04	1.00E-04
0	0	0.00900232	0.0597437	0.01120212	0.00162394	1.00E-04
0	0	1.00E-04	0.04276574	1.00E-04	0.00450763	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.03768472	0.02364077	0.00846087	0.01073321	0.18183158
0	0	1.00E-04	1.00E-04	0.00400927	1.00E-04	1.00E-04
0	0.012	0.0442458	0.08040876	0.0638528	0.14780765	0.13120135
0	0	1.00E-04	0.01479454	1.00E-04	0.01302388	1.00E-04
0.004	0	0.11079093	0.098953	0.05881356	0.07185935	0.14541511

0	0	1.00E-04	0.01988235	1.00E-04	0.00186865	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00351195	1.00E-04
0	0	0.06462645	0.04174366	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00928785	0.00175062	1.00E-04
0	0	0.0468384	0.03346564	0.06646708	0.10365935	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.19926778	0.22877389	0.30869976	0.35120403	0.19642596
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00536081	0.00180464	1.00E-04
0	0	0.02657677	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02428058	0.03491656	0.00584766	0.04433502	1.00E-04
0	0	1.00E-04	1.00E-04	0.00445998	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00323343	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0	0.26777834	0.30305374	0.31448603	0.39480757	0.39336845
0	0	1.00E-04	0.01448728	0.00121645	0.00492449	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0033644	1.00E-04
0	0	0.19250434	0.11322785	0.06804664	0.08523907	0.03613056
0	0	1.00E-04	0.02313769	1.00E-04	0.00398699	1.00E-04
0.024	0.008	1.57493201	1.1157218	1.90213959	1.03641077	2.35715268
0	0	0.07839206	0.04460739	0.04760696	0.0292022	1.00E-04
0	0	1.00E-04	0.00562813	0.00113672	0.00893086	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.00404764	0.00184028	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.07512665	0.02532672	0.00976891	0.02548354	1.00E-04
0	0	1.00E-04	1.00E-04	0.0013977	1.00E-04	1.00E-04
0	0	1.00E-04	0.02400154	0.00703921	0.01134974	1.00E-04
0	0	0.04308707	0.04821068	0.01635501	0.09921962	1.00E-04
0	0	0.01974209	0.12825749	0.091511	0.09315496	1.00E-04
0	0	0.15541773	0.02395466	0.03667546	0.07537606	0.32557602
0.012	0.008	0.08374298	0.01808577	0.03974684	0.02448171	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.67105671	1.06452659	0.79934569	0.92055918	0.47064165
0	0	0.02258887	0.05318505	0.07692361	0.07964268	1.00E-04
0	0	1.00E-04	1.00E-04	0.00490211	0.0055615	1.00E-04
0	0	0.86606722	0.62995977	0.9810516	1.40390922	0.93697143
0.004	0	1.00E-04	0.08371198	0.02454499	0.02370574	1.00E-04
0	0	1.00E-04	1.00E-04	0.01828502	0.00463091	1.00E-04
0	0	1.00E-04	1.00E-04	0.00591918	0.0010554	1.00E-04
0	0	0.0221135	0.12375942	0.02005408	0.04345936	1.00E-04
0	0	1.00E-04	0.0051837	0.04476701	0.03078427	1.00E-04
0.032	0.066	3.06080958	3.15040323	3.39077186	3.63008611	2.90793493

0	0	1.00E-04	1.00E-04	1.00E-04	0.00512827	1.00E-04
0	0	1.00E-04	0.13268567	0.00572226	0.01640997	0.07813394
0	0.008	0.13162831	0.23476758	0.26606521	0.3408759	0.24728152
0	0	1.00E-04	1.00E-04	0.00495068	0.00751645	1.00E-04
0	0	1.00E-04	1.00E-04	0.00793125	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00185283	1.00E-04	1.00E-04
0	0	1.00E-04	0.03809448	0.01664924	0.01069415	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00153894	1.00E-04
0	0	0.21270784	0.46891269	0.11208869	0.14651628	0.23740997
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00202092	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02890204	0.01621473	0.02023484	1.00E-04
0	0	1.00E-04	1.00E-04	0.00253072	1.00E-04	1.00E-04
0	0	1.00E-04	0.00674116	0.00369197	0.00709434	1.00E-04
0	0	0.03217807	0.12132919	0.05498626	0.08791261	0.13094164
0	0	0.21964526	0.15242567	0.12511963	0.11057941	0.08971541
0.004	0.016	0.09058588	0.49288869	0.46559008	0.43402977	0.03166905
0	0	1.00E-04	0.00389696	0.00896287	1.00E-04	1.00E-04
0	0	0.05303669	1.00E-04	0.01146958	0.0228594	1.00E-04
0.004	0	0.17167135	0.20798294	0.28651319	0.3258675	0.17376125
0	0	1.00E-04	0.02910568	0.00191003	1.00E-04	1.00E-04
0	0.004	0.1716258	0.27603486	0.17592713	0.2060722	0.30917753
0	0.004	0.48156001	0.81679028	0.57495933	0.76605226	0.35322093
0	0	1.00E-04	1.00E-04	0.00207001	1.00E-04	1.00E-04
0.004	0	1.00E-04	0.01193484	0.04239383	0.00278034	1.00E-04
0.008	0.004	0.12112454	0.12634673	0.08110961	0.10902926	1.00E-04
0	0	1.00E-04	0.02283697	0.00663729	0.0021783	0.0796902
0.004	0	0.21500873	0.2927622	0.36858437	0.50261656	0.50383699
0.004	0	0.17004755	0.2512969	0.15128305	0.24721875	0.49081372
0	0	1.00E-04	1.00E-04	1.00E-04	0.00118635	1.00E-04
0.008	0.004	0.04403138	0.06190957	0.05711983	0.02759979	1.00E-04
0	0	0.14539057	0.23723874	0.34349277	0.12637301	0.67341688
0.004	0.008	0.05390959	0.08672566	0.10114974	0.10047051	0.35644687
0.012	0	0.21219514	0.27205135	0.34520134	0.33930486	0.36425881
0.004	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.07471622	1.31520546	1.04054856	1.08074618	1.1021444
0.004	0	1.34401352	1.41081222	1.76512279	1.58918009	1.79248635
0.004	0	0.37273305	0.37411299	0.3879953	0.54466599	0.29396891
0	0	1.00E-04	1.00E-04	1.00E-04	0.00255292	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00295102	1.00E-04
0	0	0.04239275	0.0359975	0.09455163	0.08343472	0.23439928
0	0	1.00E-04	1.00E-04	1.00E-04	0.00198508	1.00E-04

0.004	0	0.49283096	0.15338205	0.12070638	0.1705684	0.14172679
0	0	1.00E-04	1.00E-04	0.01541284	0.01021187	1.00E-04
0.004	0.004	0.10310954	0.17143934	0.08073301	0.08089519	0.05255237
0	0	0.09339458	0.21930275	0.14847882	0.09397994	0.05019225
0.012	0.033	0.07703435	0.10272435	0.16112939	0.07471093	0.04110431
0.004	0.004	0.36668598	0.4458952	0.25525156	0.22356807	0.60217617
0.004	0.008	0.19884818	0.3500828	0.27102089	0.42608673	0.36612481
0	0	1.00E-04	0.02916845	0.00802728	0.00137589	1.00E-04
0	0.004	1.00E-04	0.02220201	0.01880452	0.02440201	1.00E-04
0	0	0.07111967	0.05145658	0.08349128	0.116729	0.12836221
0.004	0.012	0.42450221	0.60376455	0.54247877	0.63676588	1.09859846
0	0	1.00E-04	0.03704808	0.0724798	0.10458678	1.00E-04
0	0.004	0.06075428	0.02323433	0.05253348	0.02678133	0.19343593
0	0	1.00E-04	0.02940163	0.0885081	0.10580032	1.00E-04
0	0.004	0.02077884	0.04300826	0.0783823	0.09109009	1.00E-04
0	0	0.10302761	0.08158391	0.03455144	0.07013018	0.14541511
0	0.025	0.61751989	0.67744288	0.93115736	1.19293644	1.16678178
0.008	0.004	0.46977833	0.39276654	0.38602568	0.63892997	0.38833984
0	0	1.00E-04	1.00E-04	1.00E-04	0.00113616	1.00E-04
0.008	0.004	0.42394695	0.38767149	0.33134978	0.35523969	0.37809482
0	0	1.00E-04	0.0613593	0.0093774	0.00745947	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00348978	1.00E-04	1.00E-04
0.131	0.111	2.17592172	2.59137067	2.40640323	2.59947709	2.58737753
0	0	0.03436483	0.04343965	0.07006785	0.10604746	1.00E-04
0	0	0.03507808	0.03354762	0.09447853	0.09238213	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00530228	1.00E-04
0	0	1.00E-04	0.06555612	0.01011518	0.01655401	1.00E-04
0.004	0	0.78372589	0.85439793	1.00686911	1.25734542	1.08116868
0.004	0	1.76806192	1.7185456	1.75154395	1.92063838	2.03181724
0.008	0.008	1.31294579	1.39159541	1.00606723	1.18203017	1.32693544
0	0	1.00E-04	0.01154526	0.00419169	1.00E-04	1.00E-04
0.024	0	0.66599856	0.61727997	0.51856036	0.49235026	0.49892515
0.032	0.033	1.3652381	1.32934735	1.2205657	1.41792218	1.72811425
0	0	1.00E-04	1.00E-04	0.00254579	0.0054702	1.00E-04
0.028	0.041	1.06248538	1.13023672	1.01866604	1.1683249	1.05500241
0	0	0.02184314	0.0154266	0.06953126	0.01311003	1.00E-04
0	0	1.22701553	1.35302354	0.74620194	0.71840253	0.72251532
0	0	0.36274407	0.28577008	0.06830509	0.14515857	0.51942952
0	0	1.00E-04	1.00E-04	0.00476946	0.01100175	1.00E-04
0.016	0.004	1.45098006	1.52033306	1.11313847	1.28429682	1.40595817
0	0	0.05975621	0.09450779	0.18393583	0.13274102	1.00E-04
0	0.004	0.06031779	0.11546746	0.04262501	0.09390848	0.07213685

0	0	1.00E-04	1.00E-04	0.00333132	1.00E-04	1.00E-04
0	0	0.01831621	0.01949223	0.01607222	0.00568166	1.00E-04
0.004	0	0.57599006	0.44481715	0.32761732	0.40169689	0.68375842
0	0	1.00E-04	1.00E-04	0.0018362	1.00E-04	1.00E-04
0	0	0.0280679	0.04761727	0.0045748	0.01414854	1.00E-04
0	0	1.00E-04	1.00E-04	0.01290371	1.00E-04	1.00E-04
0.008	0.004	0.22314742	0.35362141	0.13838527	0.27429419	0.07631624
0	0	0.02376158	0.0139173	1.00E-04	0.00819009	1.00E-04
0	0	1.00E-04	0.028762	0.01332936	0.01239699	1.00E-04
0	0	0.04179715	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.09355836	0.15953447	0.06923997	1.00E-04
0	0	0.11247866	0.07064644	0.07948413	0.04668666	1.00E-04
0.075	0.041	2.7661715	2.29553628	3.15658321	2.09837989	3.69259931
0	0.008	0.52142729	0.47861958	0.73199243	0.78134856	0.47049245
0	0	1.00E-04	0.03897464	1.00E-04	1.00E-04	0.05462982
0.198	0.176	3.82865948	4.19776516	3.48618321	3.70190622	3.85296828
0.008	0	1.08650621	1.47260183	0.92963462	1.06675888	1.43350699
0.004	0	0.10311533	0.11838126	0.27389592	0.08219825	0.0725084
0	0	0.26166481	0.45420859	0.14613474	0.16930323	1.00E-04
0	0	1.00E-04	0.00679804	0.02079666	0.01987665	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00157939	1.00E-04
0	0	0.45686701	0.47047583	0.20750066	0.33675808	0.26395611
0.127	0.037	1.17780565	1.3656114	1.25803381	1.40602134	1.62110506
0.036	0.033	1.11002068	1.32129523	1.15726584	1.37843278	1.64813519
0.008	0	1.269075	0.94585851	1.1184461	1.2125681	0.63385386
0	0	0.31551815	0.03736633	0.02742675	0.01242017	0.08620641
0	0	0.15344658	0.07915486	0.1673466	0.23447139	0.12717483
0	0	0.05563343	0.01150691	0.02391121	0.03877394	0.12598859
0.016	0.008	0.67114467	0.80189674	0.47809984	0.46026314	0.61113766
0.016	0	0.26578384	0.47697863	0.29287441	0.28569952	0.37973717
0.004	0	0.91902972	1.14760665	1.10200232	1.05679947	0.98623437
0	0.012	0.41763849	0.52241413	0.66900793	0.86600977	0.78568184
0	0.004	1.00E-04	0.01886897	0.0277272	0.01510417	1.00E-04
0.004	0.012	0.8657929	0.86922648	0.8380056	1.418662	1.33648196
0	0	1.00E-04	0.00654938	0.00211355	0.00522319	1.00E-04
0.004	0	1.0661694	1.24198486	0.82192807	1.05931575	0.43653543
0.016	0.004	0.26227784	0.6522638	0.57079143	0.55438376	0.55185468
0.012	0.012	0.52131052	1.03567895	0.92608316	0.89465593	0.99505477
0	0	0.46884633	0.52651347	0.32426649	0.50414795	0.23297592
0	0	1.00E-04	0.00347575	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.20803115	0.3118001	0.10070108	0.12602117	0.20801451
0	0	0.11758913	0.02746183	0.08698853	0.0118614	0.04800175
0.028	0.025	1.41838691	1.29174757	1.98436528	1.90885137	1.35292102

0	0	1.00E-04	0.00544531	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.17515377	0.10424424	0.08494489	1.00E-04
0	0	1.00E-04	0.04313309	0.0150997	0.01658185	1.00E-04
0	0	0.1042143	0.12654981	0.06089656	0.12361507	1.00E-04
0	0	0.31462181	0.56637664	0.61183462	0.58060938	0.49731713
0	0	0.88938734	1.28138966	1.14114882	0.94688762	0.95389229
0	0	1.00E-04	1.00E-04	0.0076724	0.01322095	1.00E-04
0	0.004	0.0075849	0.02695556	0.01861059	0.03922611	0.07696112
0	0	0.36486329	0.34752045	0.20103145	0.22591281	0.26798332
0	0	0.00815868	0.01271232	1.00E-04	1.00E-04	0.07288116
0.004	0	0.62724424	0.73440904	0.49283495	0.80182225	0.36748593
0	0	1.00E-04	1.00E-04	1.00E-04	0.0012945	1.00E-04
0	0	0.01773331	0.00824388	0.0261036	0.01428558	0.12479965
0	0	0.17651699	0.11991391	0.09940093	0.13275634	0.07290803
0.024	0.053	0.71612201	0.87847903	0.84325258	1.03623574	0.99110972
0.123	0.139	1.27128188	1.18912892	1.36336741	1.84016166	1.47545636
0	0.004	0.21250548	0.25494536	0.21354021	0.29557935	0.1542854
0	0.004	0.30253021	0.35232273	0.3548152	0.36239166	0.20689459
0	0	0.08083025	0.15167394	0.14258553	0.12611122	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00342832	0.0093881	1.00E-04
0.008	0.008	0.12716921	0.16522645	0.10011515	0.09046971	0.30117971
0.012	0.004	0.36815139	0.44697097	0.28016989	0.42325726	0.13224476
0.032	0.012	0.5871977	0.7565205	0.73069909	0.94584897	0.58359113
0	0.008	0.182596	0.20473809	0.19192236	0.21983059	0.46648306
0.008	0.004	0.61188734	0.48558868	0.45380071	0.54367219	0.75209822
0.02	0.025	0.39596377	0.59285629	0.55377206	0.72120673	0.46626468
0	0	1.00E-04	1.00E-04	1.00E-04	0.00771578	1.00E-04
0.048	0.029	1.63362432	1.62893843	1.87077427	2.01942292	1.7829496
0	0	1.00E-04	0.01070088	0.01928072	0.02163712	1.00E-04
0	0	0.10867567	0.10162593	0.04186707	0.04448545	0.19349015
0	0	1.00E-04	0.03113729	0.00542406	0.00167379	1.00E-04
0.004	0.004	0.03399099	0.00434696	0.02907274	0.05353948	0.25433103
0	0	1.00E-04	0.0100792	1.00E-04	0.00176596	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00264782	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0021234	1.00E-04
0	0	1.00E-04	1.00E-04	0.0016396	0.00794182	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01142101	0.00925296	0.00618388	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03462277	0.00573968	0.00210253	0.00613999	1.00E-04
0	0	1.00E-04	1.00E-04	0.01423772	1.00E-04	1.00E-04

0	0	1.00E-04	0.02192512	0.01717063	0.0047421	1.00E-04
0.004	0.004	0.51972472	0.40135988	0.21950231	0.19546654	0.63781824
0	0	1.00E-04	0.01035996	0.00446439	0.00186872	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00133706	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01483919	1.00E-04
0	0	0.11403652	0.11401281	0.03239843	0.03689998	1.00E-04
0	0	1.00E-04	0.03886894	0.01843861	0.05841494	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.32185936	0.40145224	0.26052494	0.25036323	0.48822049
0	0	1.00E-04	1.00E-04	0.04114334	1.00E-04	1.00E-04
0	0	1.00E-04	0.01120124	0.00563503	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.03302679	0.05122988	0.03017578	1.00E-04
0.004	0.004	0.26642733	0.60190485	0.486789	0.46783614	0.75847785
0	0	1.00E-04	0.00408849	0.00265062	0.0052466	1.00E-04
0.008	0.008	0.12148631	0.08837415	0.05786263	0.08086951	1.00E-04
0	0.008	0.58058135	0.56534004	0.39823726	0.40044979	0.43647906
0.004	0.004	0.44183103	0.42443188	0.43588865	0.45439395	0.27160385
0	0	0.2146911	0.16291711	0.22513678	0.18380478	0.11761613
0.004	0	0.14314053	0.15952557	0.43037245	0.362575	0.17334482
0	0	0.18762269	0.15822174	0.08936249	0.09774051	0.10058114
0	0	1.00E-04	0.03142166	0.01992005	0.04949008	1.00E-04
0	0.004	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.00152785	1.00E-04
0	0	1.00E-04	0.01751202	0.01707313	0.01586132	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01769728	0.03906826	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.06768399	0.14083774	0.07283489	0.11162246	0.07487569
0.008	0.008	0.87342203	0.92129651	0.85099746	0.93515037	0.79683532
0	0	0.00943025	0.01945812	0.03233015	0.01634873	0.04839768
0	0	1.00E-04	0.01803506	0.00396575	0.00526815	1.00E-04
0	0.004	0.17641504	0.29033874	0.17981089	0.22309884	0.13364912
0	0.004	0.30388406	0.40297695	0.23682751	0.33413723	0.35409896
0	0	1.00E-04	1.00E-04	0.00342162	1.00E-04	1.00E-04
0	0	0.02434445	0.00685965	0.01581311	0.01828897	1.00E-04
0	0	1.00E-04	1.00E-04	0.00234651	0.00455764	1.00E-04
0	0	0.10836781	0.09901858	0.08616	0.09326383	1.00E-04
0	0.004	0.12221363	0.07573731	0.18978064	0.24916355	0.48367251
0	0	1.00E-04	0.00849439	0.01361435	0.00428933	1.00E-04
0.004	0.004	1.00E-04	0.02552714	0.00665912	0.02622854	1.00E-04

0	0.004	0.03789029	0.1693404	0.11237757	0.16974512	0.0883304
0.004	0.008	0.72728177	0.83359493	0.68570131	0.92111002	1.26914544
0.004	0	0.05040085	0.12481174	0.08153535	0.13475307	0.06082346
0.008	0.004	0.53470354	0.5441432	0.53182763	0.74356228	0.79535013
0.008	0.004	1.82898181	1.79136738	2.10351135	2.44879968	1.63866795
0.004	0.004	0.55956232	0.38084386	0.354799	0.61082818	0.98173123
0.004	0	0.11470873	0.16198395	0.10776763	0.19642501	0.36746378
0.04	0.02	0.34163523	0.13474916	0.0590637	0.05983219	1.00E-04
0	0	0.10336224	0.06838737	0.03634077	0.06777817	0.11809713
0	0	1.00E-04	0.03369567	0.00822486	0.01442689	1.00E-04
0	0	1.00E-04	0.0039495	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.12867418	0.10826008	0.07854865	0.10428403	1.00E-04
0	0	0.36506591	0.21394291	0.34178135	0.26080042	0.43964673
0.008	0.004	0.36959791	0.44582979	0.49902326	0.62103565	0.62458859
0	0	0.52716002	0.78835731	0.65508749	0.94277626	0.4861898
0	0	0.13667621	0.25059033	0.37018326	0.37330673	1.00E-04
0	0	0.01169067	0.08937142	0.05942475	0.03899469	1.00E-04
0	0.004	0.00987889	0.030722	0.03944819	0.07753746	0.06023342
0	0	0.91704501	1.05042638	0.58771982	0.7772024	0.65693543
0.012	0.016	0.63086773	0.51134916	0.58702151	0.4011922	0.20809769
0	0	0.02249348	0.00680849	0.03160156	0.03583233	1.00E-04
0	0	1.00E-04	0.01270527	0.02490553	0.00967319	1.00E-04
0	0.008	0.25757649	0.29229849	0.40409509	0.44619079	0.31204795
0.004	0.004	0.21883108	0.2648944	0.3791038	0.47092203	0.30228406
0	0	0.2375696	0.41650113	0.1071504	0.24012561	0.1026057
0	0	1.00E-04	0.04212132	0.01522754	0.00737696	1.00E-04
0.008	0.012	0.70534554	0.75340879	0.72204298	0.99539358	0.60249244
0.095	0.09	0.17390121	0.20651904	0.30309278	0.25318061	0.52660863
0	0	1.00E-04	0.02441455	1.00E-04	0.00189866	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.01393506	0.00237969	1.00E-04
0	0.004	0.01664884	0.11955654	0.11474538	0.10730226	1.00E-04
0	0	0.06588767	0.0992327	0.14338859	0.13910468	0.12724503
0	0	1.00E-04	0.01857134	1.00E-04	0.00373887	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.008	0.40501317	0.49008087	0.8401984	0.79113264	0.49211992
0	0.004	0.34160327	0.30081942	0.31768565	0.54728763	0.39393785
0	0	1.00E-04	1.00E-04	1.00E-04	0.01223959	1.00E-04
0	0	1.00E-04	0.00361091	0.00178861	0.00349513	1.00E-04
0	0	1.64797459	2.02911109	1.68115363	1.72478223	2.17526424
0	0	1.00E-04	0.01121486	0.01274174	0.00097549	1.00E-04
0	0	0.0095825	0.09507322	0.02924242	0.08158849	0.06123773
0	0	1.00E-04	1.00E-04	0.0105617	0.03360858	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00226374	1.00E-04

0	0.004	0.45913926	0.3258769	0.49926963	0.49840659	0.59778693
0.004	0	0.14925315	0.09080369	0.04276071	0.10127809	0.05253243
0	0	0.03424984	0.04676309	0.02683935	0.02517457	0.07153673
0	0	0.30484336	0.21618113	0.42830548	0.36393714	0.13779018
0.004	0.008	0.53416042	0.45064302	0.2509094	0.34658363	0.37858302
0	0	0.30976067	0.19746025	0.10110322	0.12434863	0.29577207
0.024	0	0.5151714	1.44237568	2.30577677	0.56569807	2.02741944
0	0.004	0.24484773	0.41338454	0.25314273	0.38677693	0.6614892
0.044	0.045	1.70699926	1.96195519	1.86158622	2.20450551	2.07124699
0.012	0.02	0.44255796	0.59304489	1.25765644	1.04944014	0.85955253
0.004	0.004	1.00E-04	1.00E-04	0.02059227	0.00346584	1.00E-04
0	0	0.03530133	0.01617093	0.01209961	0.01777057	0.04800175
0	0.004	0.19436756	0.15816663	0.10511247	0.07191967	1.00E-04
0.004	0.004	1.00E-04	0.00354104	0.00609453	0.00590503	1.00E-04
0.028	0.025	0.34155703	0.09303623	0.09487626	0.09226867	1.00E-04
0	0	0.01162429	0.1029313	0.07381103	0.09989085	1.00E-04
0	0	1.00E-04	0.03235087	0.02445132	0.0646863	1.00E-04
0	0	0.03707714	0.03386936	0.03018879	0.02390013	0.10034394
0	0	1.00E-04	1.00E-04	0.00523249	1.00E-04	1.00E-04
0.008	0.012	1.53123948	1.60743074	1.73581495	1.84151117	1.95983486
0	0	1.00E-04	0.01967471	0.01802057	0.02980372	1.00E-04
0	0.004	0.21085009	0.185961	0.08915311	0.18233681	0.03253275
0	0	0.02241754	0.03699068	0.01369153	0.03170878	1.00E-04
0.016	0.012	0.66246148	1.01036101	0.6176889	0.75359049	0.70499581
0	0	0.07003467	0.0709408	0.02488846	0.02365183	0.11735291
0	0	1.00E-04	0.00793305	1.00E-04	0.01262166	1.00E-04
0.008	0.016	0.57660845	0.43622985	0.55673477	0.82846371	0.8364829
0	0	1.00E-04	0.00520883	0.00180798	0.00571421	1.00E-04
0.004	0	0.34034959	0.33994638	0.22396169	0.3503913	1.16122457
0	0	0.70078381	1.01041313	0.96640577	1.12059397	1.30757961
0.075	0.094	2.09666447	2.26053657	2.27019748	2.7449585	2.23524241
0.004	0.004	1.00E-04	0.0096414	0.02974575	0.01835303	1.00E-04
0.004	0	1.00E-04	0.02347377	0.01245745	0.02881364	1.00E-04
0	0	0.24608391	0.0552482	0.0235323	0.05045114	0.09169819
0	0	1.00E-04	1.00E-04	0.00990498	1.00E-04	1.00E-04
0.004	0	0.0804231	0.08859714	0.14124232	0.15076857	0.123474
0	0.004	0.07018485	0.253433	0.10032125	0.1223987	0.21369641
0.044	0.041	1.54503039	1.83418284	1.92652098	1.59009483	2.16444204
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.23142464	0.26089473	0.19684033	0.42806479	0.77217175
0	0	1.00E-04	1.00E-04	0.00552014	1.00E-04	1.00E-04
0.008	0.012	0.2565483	0.29020607	0.23479947	0.38629461	0.18890666
0.004	0	1.00E-04	0.1235819	0.05161459	0.06689022	1.00E-04

0	0	1.00E-04	0.01236624	0.0183841	0.01190295	1.00E-04
0	0	0.01716248	0.12771406	0.02843169	0.05144805	0.13647378
0	0	1.00E-04	1.00E-04	0.0040361	1.00E-04	1.00E-04
0.012	0.004	0.01283308	0.08843673	0.02210157	0.01347831	1.00E-04
0.004	0	0.07816792	0.06588542	0.08080347	0.07673699	0.14021708
0	0	0.61938739	0.47320007	0.38694848	0.62927552	0.65030956
0	0	1.00E-04	0.03249281	0.0509372	0.06673322	0.2474993
0	0	1.00E-04	0.00532203	0.03720603	0.04611316	1.00E-04
0.008	0	0.2551684	0.18225248	0.10994845	0.14644579	0.31446064
0	0	1.00E-04	0.02806419	0.03809432	0.04464082	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00335799	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0023456	1.00E-04
0.004	0.033	0.9724564	0.80553205	0.86762739	0.81654619	1.09204226
0	0	0.07023544	0.08607265	0.10291819	0.09931525	0.09785622
0	0.004	0.11998873	0.12293061	0.09510785	0.0952291	0.02923623
0.004	0	0.12390931	0.10474142	0.06850289	0.07834898	1.00E-04
0	0	1.00E-04	1.00E-04	0.01242775	1.00E-04	1.00E-04
0.008	0.049	0.72492365	0.84200543	0.77912191	1.02559229	1.06445254
0	0	1.00E-04	0.03151037	0.04018817	0.03108704	1.00E-04
0.052	0.029	2.16415566	2.3749857	1.91756679	2.14112759	2.31151229
0.016	0.025	2.74037132	2.6389843	2.97274278	2.90928729	2.29886154
0	0	1.00E-04	1.00E-04	0.00171674	0.00441084	1.00E-04
0.004	0.008	1.27701118	1.22709937	0.9228333	1.01285062	1.73649372
0	0	0.11486038	0.13073811	0.1485241	0.21634429	0.21761494
0.016	0.012	1.00E-04	0.02007265	0.02832129	0.01319116	1.00E-04
0	0	1.00E-04	0.00398669	0.05740445	0.10107313	1.00E-04
0.02	0.016	0.08314611	0.15343652	0.20631369	0.34151699	1.00E-04
0	0	0.01019277	0.04546582	0.03207819	0.05031226	1.00E-04
0.016	0.008	0.0123286	0.06806708	0.03968159	0.04340894	0.39054271
0	0	1.00E-04	1.00E-04	1.00E-04	0.0025722	1.00E-04
0	0	1.00E-04	0.019937	0.01065637	0.00572371	1.00E-04
0	0	0.02590999	0.07963625	0.10816454	0.07948093	0.23961648
0	0	1.00E-04	1.00E-04	0.00375903	0.00202795	1.00E-04
0	0	1.00E-04	0.00716258	1.00E-04	1.00E-04	1.00E-04
0.004	0	1.67216373	1.79362254	1.19564243	1.32797893	1.60046185
0.004	0	0.07396829	0.09015294	0.11588244	0.1141938	0.05990248
0	0	0.09968691	0.0515386	0.0596956	0.10750858	0.11021059
0	0.016	0.21250597	0.25370524	0.35429454	0.39489793	0.35909748
0.004	0.016	0.32275888	0.2236976	0.25698557	0.55451378	0.08940139
0.012	0.012	0.31014588	0.37975764	0.35920737	0.49953134	0.12258052
0.052	0.008	1.7223244	1.86187078	2.5642191	2.423671	1.80369746
0	0	0.43959598	0.43079088	0.38973054	0.58562391	0.26508644
0	0	1.00E-04	0.01954895	1.00E-04	0.01387839	1.00E-04

0	0.004	0.00591197	0.0306947	0.04260585	0.02394302	0.07188953
0	0	0.54935359	0.19375613	0.33503562	0.35125494	0.06680433
0.004	0.012	0.71366617	1.46060911	0.46625759	0.69189541	1.34320904
0.095	0.066	3.04698682	4.15884709	2.5526084	3.01427514	3.65508119
0.016	0.016	1.01589794	1.80445651	0.72141969	1.07957724	1.29732646
0.008	0.016	0.63605362	1.62881385	0.40358216	0.74747709	0.70156752
0	0	0.06509489	1.00E-04	0.0271182	0.04929305	1.00E-04
0	0.012	1.00E-04	0.18008666	0.10335496	0.1168535	1.00E-04
0.008	0	1.42819791	1.20946747	0.72737567	0.9484181	2.24563915
0	0	0.08569184	0.01971307	0.03906797	0.05904975	0.06400929
0.214	0.164	9.73070011	8.87452657	8.67135024	9.40034684	10.1284032
0	0	1.00E-04	1.00E-04	0.00122391	1.00E-04	1.00E-04
0	0.004	0.31830427	0.1872985	0.45918549	0.41513066	0.31102345
0	0	1.00E-04	1.00E-04	1.00E-04	0.00473481	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01624709	0.02710972	1.00E-04
0	0	1.00E-04	1.00E-04	0.00672942	0.04877037	1.00E-04
0	0.004	0.05857453	0.1142125	0.11279171	0.11869083	0.21240166
0	0	1.00E-04	0.08172255	0.04303682	0.05199984	1.00E-04
0	0	1.00E-04	1.00E-04	0.00199227	0.0110567	1.00E-04
0	0	1.00E-04	1.00E-04	0.01243579	0.01272981	1.00E-04
0	0	0.06528844	0.19563043	0.09035226	0.0934247	1.00E-04
0.016	0	0.60747701	0.81233025	0.42437313	0.54835908	1.13307457
0.008	0.004	0.32647225	0.56988629	0.22343003	0.2544027	0.78272298
0	0.004	0.0684914	0.05792884	0.06710219	0.14011075	0.25536913
0	0	0.04350431	0.0725044	0.06867819	0.12035491	0.06735683
0.004	0	0.23692668	0.09752935	0.07214665	0.11435307	0.40608908
0	0	0.09639707	0.04011642	0.10364219	0.01893121	0.13296125
0	0	1.00E-04	1.00E-04	0.00348426	0.01522268	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00333971	1.00E-04
0	0	1.00E-04	1.00E-04	0.00159176	0.00546451	1.00E-04
0	0	0.07446729	0.03991287	0.0053375	0.00756228	0.07487569
0.008	0	0.05260745	0.07122186	0.15733323	0.13920463	1.00E-04
0.008	0	0.10593867	0.17354298	0.18412747	0.19370776	0.2121164
0	0	1.00E-04	1.00E-04	1.00E-04	0.00505131	1.00E-04
0	0	0.07482278	0.05994384	0.0508858	0.08592005	0.17063022
0	0	1.00E-04	0.00637877	1.00E-04	0.00970688	1.00E-04
0	0	1.00E-04	1.00E-04	0.00231484	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00335291	1.00E-04
0	0	0.02712878	0.015605	0.01170625	0.03540123	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.01877579	0.01147701	1.00E-04	0.01637862	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	0.00156894	1.00E-04
0	0	1.00E-04	0.00498779	1.00E-04	0.00243677	1.00E-04
0	0	0.1964099	0.28265796	0.21328673	0.13360002	0.13622073
0	0	1.00E-04	1.00E-04	0.00297569	1.00E-04	1.00E-04
0	0	1.00E-04	0.00644377	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02981375	0.03843238	0.0171116	0.08499945
0	0	1.00E-04	0.03870319	0.00657858	0.00646003	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01020009	1.00E-04
0	0	1.00E-04	0.00474049	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00483056	1.00E-04	0.01149693	1.00E-04
0	0	1.00E-04	0.05593248	0.04138529	0.03376478	1.00E-04
0	0	1.00E-04	0.00539299	0.02180124	0.01526902	1.00E-04
0	0	0.01935639	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00332763	1.00E-04
0	0	0.08425318	0.04655672	0.01202798	0.00954838	1.00E-04
0	0	0.2915475	0.17663871	0.08989479	0.15834123	0.1960446
0	0	0.02722991	1.00E-04	0.02153195	0.01812567	1.00E-04
0.024	0.008	1.75526411	1.43671776	2.43437732	1.51460655	2.34074589
0	0	1.00E-04	1.00E-04	0.06289438	0.02786371	1.00E-04
0.036	0.02	1.87006539	1.43784273	1.86822653	1.15734825	2.45321127
0	0	1.00E-04	1.00E-04	1.00E-04	0.00172465	1.00E-04
0	0	0.07277863	0.26856226	0.13439431	0.12344124	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	1.00E-04	0.0123056	0.01836146	0.02621352	1.00E-04
0	0	1.00E-04	1.00E-04	0.01755671	0.03015292	1.00E-04
0.06	0.049	1.56465678	1.61849657	1.33635458	1.46106931	1.56978486
0.004	0	1.00E-04	0.01998297	0.04031774	0.08795398	1.00E-04
0	0	1.00E-04	1.00E-04	0.00383937	0.00304787	1.00E-04
0.004	0	0.22018278	0.25265686	0.19480066	0.20396304	0.13047476
0	0	0.02050231	0.04088119	0.04083347	0.12223205	1.00E-04
0	0	0.00743313	1.00E-04	0.01801254	0.01746202	1.00E-04
0	0.008	0.36251237	0.10521991	0.16650839	0.19815021	0.57290463
0.004	0	0.39981533	0.36470597	0.17236228	0.32406039	0.30287541
0	0	1.67574341	1.59943969	1.5227054	1.48393325	1.33479022
0.004	0	0.34926856	0.46885837	0.198959	0.29254887	0.04444165
0	0	0.73767736	0.82061229	0.67561104	0.80096069	0.51209747
0	0	1.00E-04	0.01279751	0.00876081	0.01258565	0.1968559
0	0	0.30233855	0.34303038	0.1742544	0.28618521	1.00E-04
0	0.008	0.1120564	0.0772645	0.05174637	0.04686627	0.41910158
0.004	0	1.00E-04	0.02152002	0.00792722	0.01903796	1.00E-04
0	0	0.03140768	0.05304076	0.03468113	0.04360412	1.00E-04
0	0	1.00E-04	1.00E-04	0.00302168	0.0114081	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	0.00640866	1.00E-04
0.032	0.049	1.48761132	1.40709966	1.89908198	2.01006736	1.79816313
0.139	0.094	2.79779509	2.98334426	2.95304756	2.99855379	3.08218725
0.004	0	0.13918618	0.10600828	0.14358559	0.1475989	0.10348813
0	0	1.00E-04	0.00435453	0.00678609	0.01140322	1.00E-04
0	0	1.00E-04	0.029675	0.03501258	0.02226711	1.00E-04
0	0	1.00E-04	0.02164963	0.02311477	0.03076868	1.00E-04
0.067	0.041	0.94856046	1.34601399	1.72892902	1.31477813	2.08916752
0.012	0.004	0.26229302	0.49510685	0.24520947	0.29026053	0.15272428
0.008	0.012	0.24056562	0.34522938	0.29076773	0.43183803	0.03664394
0.004	0.004	1.49688694	1.557078	1.07531439	1.28057771	1.77254635
0	0	0.03438421	0.0105492	1.00E-04	0.0231616	1.00E-04
0	0	0.03189293	0.07805293	0.03821781	0.04520516	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00203821	1.00E-04
0	0	1.00E-04	0.00639551	0.00384356	1.00E-04	1.00E-04
0.008	0.004	1.11551038	1.67467957	0.84044512	0.95558593	1.36687034
0.056	0.061	4.20987443	3.38623816	3.21528437	3.81009852	4.42466658
0	0	1.00E-04	0.01086607	0.00501609	0.01060279	1.00E-04
0	0	1.00E-04	0.0210493	0.0330932	0.03256001	0.15477409
0	0	1.00E-04	1.00E-04	0.00475938	0.00989895	1.00E-04
0	0	1.00E-04	0.0210328	0.01197146	0.02287133	1.00E-04
0	0	0.01361607	0.09175487	0.06744943	0.05711528	0.04835543
0	0	0.07016294	0.00808761	0.06065615	0.03816417	0.04468977
0	0	1.00E-04	1.00E-04	0.00092427	0.00885566	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0.025	0.59268722	0.68615132	0.90277693	0.51673774	0.14947974
0	0.004	0.57290096	0.45186257	0.75658185	0.7889531	0.4863108
0	0	1.00E-04	0.00545334	1.00E-04	0.00680275	1.00E-04
0	0	0.02286052	1.00E-04	1.00E-04	0.00619054	1.00E-04
0	0	0.40218275	0.32516425	0.15089722	0.20455576	0.24759776
0	0	1.00E-04	0.0234504	0.06644403	0.03122049	1.00E-04
0	0	1.00E-04	0.01798898	0.00777839	0.01467538	1.00E-04
0.012	0.004	0.32111923	0.3134757	0.27557628	0.23508362	0.371728
0	0.004	0.06142173	0.06136382	0.15752425	0.15190513	0.20422353
0	0.008	1.00E-04	0.00746049	0.01142449	0.00316032	1.00E-04
0.012	0.004	1.00E-04	0.03188555	0.01315871	0.01994015	1.00E-04
0.012	0.008	0.32605623	0.46823128	0.81190831	0.7941347	0.61930588
0	0.012	0.85139276	0.75644048	0.75625778	0.87276442	1.41552021
0.004	0.004	1.31737742	1.21405032	0.87123701	0.92852095	1.39655397
0.004	0	0.41360928	0.48504609	0.26993744	0.40197166	0.92078996
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02391266	0.01121434	0.02028206	0.02409862	1.00E-04
0.048	0.029	0.99741103	1.15009614	1.44485146	1.68903527	1.49330393

0.004	0.004	0.77154178	0.87587768	1.26733644	0.87005989	1.33614951
0	0	1.62711281	1.50941817	1.30158622	1.5656108	0.11136063
0	0	0.05851711	0.07364667	0.10539743	0.09571421	0.07924963
0.024	0.008	1.83346931	1.73130215	1.69495905	1.81623422	1.85688116
0	0	0.08242822	0.02813544	0.00117496	1.00E-04	1.00E-04
0	0	0.02291731	1.00E-04	1.00E-04	0.01610348	1.00E-04
0	0	0.06523574	0.1656808	0.14297001	0.12751563	0.11856511
0	0	0.16466984	0.18752723	0.11328542	0.08475151	0.21524455
0	0	0.84868858	0.85015302	0.46777322	0.56864915	0.46597181
0.008	0.008	1.20160188	1.21699291	0.9174979	0.95302919	1.26048241
0.032	0.016	0.61841227	0.66823915	0.65985133	0.72165992	0.86303633
0.016	0.033	1.30288579	1.21592226	0.83929725	1.00486089	1.74143971
0	0	0.10262973	0.19109453	0.24628523	0.18751335	1.00E-04
0.008	0.008	0.18317746	0.14794773	0.15378376	0.22733461	0.14355529
0	0	0.40362431	0.40814935	0.21898232	0.27636585	0.42706691
0.012	0.012	0.71346462	0.88856784	0.62798476	0.79885406	0.77897035
0.028	0.016	1.19994021	1.25736547	1.52009853	1.59582698	0.96217455
0	0	0.0250978	0.11245782	0.01033544	0.00832723	1.00E-04
0	0	1.00E-04	0.0073582	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00818138	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00304087	1.00E-04
0.016	0	1.6338904	1.66385011	1.58682648	1.88317046	1.2399969
0.004	0	0.11768376	0.13269807	0.04482762	0.08114161	0.09509187
0	0	1.00E-04	1.00E-04	0.00589915	0.00292917	1.00E-04
0.012	0.012	1.01884285	0.97471477	1.16015892	1.35516336	0.56175695
0	0	1.00E-04	0.0184068	0.05589411	0.04738908	1.00E-04
0.008	0	0.44735749	0.45632226	0.86664825	0.89480697	0.60729944
0	0	0.20310224	0.10331071	1.00E-04	0.00515087	0.05652078
0.052	0.057	0.86884891	1.14983135	1.03370164	1.16514316	0.79758
0	0	1.00E-04	1.00E-04	0.00199838	0.00872859	1.00E-04
0	0	1.00E-04	0.03497945	0.04935137	0.03094495	1.00E-04
0.052	0.008	2.91578053	3.3750179	2.60609639	2.81916621	2.67733147
0	0	1.00E-04	0.02903149	0.02862969	0.0226285	0.28536206
0	0	1.00E-04	1.00E-04	0.00195201	1.00E-04	1.00E-04
0.004	0.004	0.93465138	1.23103058	0.51576797	0.59113458	0.59613
0	0.004	0.06894141	0.0847747	0.07000009	0.0876749	0.05377483
0.004	0	1.00E-04	0.06585438	0.17847568	0.15583432	0.18632202
0	0	1.00E-04	0.01500874	0.00432302	0.00480673	1.00E-04
0	0	1.00E-04	0.07023953	0.04073011	0.05358727	1.00E-04
0.004	0.004	0.6153537	0.62043072	0.53216083	0.6514126	0.80725426
0	0	0.01688613	0.013059	0.0041331	0.01006304	1.00E-04
0	0	1.00E-04	0.03382297	0.01259508	0.0243169	1.00E-04
0	0	1.00E-04	1.00E-04	0.00899816	0.00129277	1.00E-04

0	0	0.06793229	0.0816938	0.03074719	0.06674843	1.00E-04
0	0.004	0.28637435	0.44503131	0.19413156	0.23054048	0.51483428
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.12904411	0.12926435	0.08412233	0.08083141	1.00E-04
0	0	1.00E-04	0.00917758	0.01539495	0.01037556	1.00E-04
0.032	0.025	0.57575325	0.60290216	0.49138739	0.65647488	0.99378151
0	0	1.00E-04	0.00503556	0.00594371	0.02883485	1.00E-04
0.008	0	0.70801338	1.08117222	0.66918997	0.60599558	0.60683386
0	0	0.10676215	0.0821565	0.07072716	0.15784621	1.00E-04
0.012	0.008	1.50784251	1.75614881	1.73897053	2.04699122	2.22310284
0	0.004	0.08390217	0.1101191	0.06519088	0.09020171	0.22018877
0.008	0	1.12436499	0.92547442	2.14036478	1.54810443	0.67636614
0	0	0.08742275	0.17333019	0.14228997	0.14528304	1.00E-04
0	0.008	0.33154723	0.32472473	0.23000709	0.30182853	0.33383684
0	0	0.1337423	0.08219994	0.04799718	0.10902088	1.00E-04
0	0	0.21028738	0.28536017	0.35506135	0.36760013	0.22338755
0	0	0.02248809	0.06442561	0.05292914	0.03528772	1.00E-04
0	0.004	0.27573305	0.25355468	0.17735435	0.2529104	0.11689189
0.004	0.012	1.00E-04	0.00806051	0.01504999	0.01235829	1.00E-04
0.008	0.008	0.37945993	0.62498991	0.35283751	0.51128181	0.64053685
0.004	0	0.19878099	0.11830888	0.16746403	0.21070136	0.28662296
0	0	1.00E-04	0.00791437	0.00667721	1.00E-04	1.00E-04
0.008	0	0.10048164	0.06383328	0.06306706	0.0500691	0.02778234
0.008	0.004	0.24935473	0.43701792	0.21371875	0.14927405	0.27514544
0.004	0.008	0.07591505	0.08811022	0.09345565	0.10923751	0.5408395
0	0	1.00E-04	0.07930761	0.08984502	0.06393818	1.00E-04
0	0	1.00E-04	0.05195208	0.07620907	0.07302784	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.09211963	0.05113895	0.04335744	0.03433795	1.00E-04
0	0	0.03713229	0.04012902	0.0224175	0.02853903	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00198565	1.00E-04
0	0	1.00E-04	0.02520568	0.00732953	1.00E-04	1.00E-04
0	0	0.1567077	0.13746438	0.05807886	0.06000607	1.00E-04
0	0	0.06505285	0.03189144	0.05520307	0.02842058	1.00E-04
0	0	0.11364357	0.07618651	0.06956549	0.09745015	0.22735855
0	0	0.05911856	0.05801556	0.03183528	0.05264062	0.14604489
0	0	1.00E-04	1.00E-04	0.01733161	0.0011645	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00848556	0.05327826
0	0	1.00E-04	1.00E-04	1.00E-04	0.00115405	1.00E-04
0.004	0	1.00E-04	1.00E-04	1.00E-04	0.00920932	1.00E-04
0	0	1.00E-04	0.02279627	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00327623	1.00E-04	1.00E-04
0.004	0	1.00E-04	0.02746077	0.0251069	0.02421782	1.00E-04

0.008	0.016	0.73015425	0.76164762	0.91668405	1.04485729	0.75608258
0	0	0.02873761	0.01840491	0.00403319	0.00236896	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00090078	1.00E-04
0.008	0	0.00885575	0.01501081	0.0259258	0.02014627	0.19343593
0	0.012	1.00E-04	0.02039296	0.00098324	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00607908	1.00E-04	1.00E-04
0.004	0.004	1.16142898	1.53585267	0.75633302	0.7908374	0.43630073
0.004	0.016	1.17680018	1.41894298	0.68531674	0.85986106	0.94514527
0.004	0.004	0.52115035	0.74147663	0.3716321	0.49484107	0.32608347
0	0	0.15386123	0.12997627	0.12833189	0.1798526	1.00E-04
0	0.004	0.06985419	0.07388918	0.0911935	0.10256686	0.06869005
0.004	0.004	0.03672602	0.03351087	0.07490237	0.14575495	0.13617641
0	0	1.00E-04	1.00E-04	0.00495449	1.00E-04	1.00E-04
0	0.008	0.16645803	0.25520685	0.40552	0.38648818	0.2213599
0	0	1.00E-04	0.01110574	0.02487011	0.0423446	1.00E-04
0.004	0.008	1.16597983	1.56087545	0.91103815	0.99151678	0.26840322
0	0.004	1.29816702	1.6599172	0.90096228	1.11416721	0.84369427
0.067	0.02	1.71219491	2.0760887	1.58957619	1.63911904	1.54207184
0	0.016	0.61971797	0.77075069	0.86638388	1.05691702	1.18980707
0.004	0.004	0.07907354	0.1077441	0.06414147	0.06695367	0.19343593
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.016	0.02	1.42348804	1.49310555	1.05549314	1.3398913	1.34954902
0	0.008	0.46812207	0.65347957	0.54528891	0.68614108	0.55069991
0	0	0.15400257	0.22751682	0.09215991	0.1196006	0.24186168
0	0	0.01357448	0.02033508	0.02038699	0.02180966	0.04371219
0	0.008	0.03172994	0.06167774	0.01192432	0.03493822	0.27235353
0	0.004	0.62491232	0.77002994	1.14098296	0.80623984	0.85811151
0.004	0.004	1.36893834	0.70228727	0.35374849	0.3818363	1.23157224
0	0	0.08719595	0.17445996	0.09938991	0.0800343	1.00E-04
0	0	0.01165738	1.00E-04	0.01864612	0.01345791	1.00E-04
0	0.012	0.12563223	0.1319001	0.12442581	0.17715246	0.17818025
0	0	0.11388605	0.17616886	0.52364785	0.10948072	0.06671741
0	0	1.00E-04	0.01815628	0.00700991	0.01513642	1.00E-04
0	0	0.41743037	0.42607349	0.8966268	0.90322696	0.3537336
0.008	0.004	1.15312149	0.93293686	1.21902	1.47498512	1.31961255
0	0	1.00E-04	1.00E-04	1.00E-04	0.00334489	1.00E-04
0.004	0.004	0.40916887	0.51585525	0.22303175	0.34042584	0.33410591
0.012	0	0.03687892	0.12047295	0.11473528	0.17821088	0.10700168
0	0	1.00E-04	0.00863935	1.00E-04	0.00237256	1.00E-04
0	0	1.00E-04	1.00E-04	0.00205192	0.00282742	1.00E-04
0	0	0.02791274	0.05746694	0.09249374	0.12071076	1.00E-04
0	0.004	0.09086581	0.15605737	0.10385673	0.12657581	0.27353624
0	0	0.32941016	0.34505274	0.41125149	0.34744497	0.39037737

0	0	0.02350487	0.00862798	0.02322954	0.04422688	0.04909605
0.004	0	0.02751524	0.13874587	0.06366598	0.05684072	0.06965089
0.008	0	0.87107761	0.70360574	1.04968775	1.02633452	1.16076852
0.032	0.037	1.73695278	1.8080533	1.92799972	2.10038183	1.91692816
0.004	0	0.07601148	0.18150746	0.18455895	0.1921911	0.05536594
0.044	0.008	1.79345881	2.03871615	2.34214706	2.38474553	1.8941802
0.004	0.004	0.59569736	0.75441813	0.69842457	0.98322449	0.29392294
0	0	0.05428102	0.12794657	0.10840816	0.14020845	1.00E-04
0.012	0.004	1.23898007	1.3950883	1.36701003	1.48500623	0.93364319
0	0	0.03934659	0.01647246	0.03278768	0.01332763	0.06960887
0	0	2.591396	2.20687331	2.33149616	2.18612323	1.15780247
0.004	0.004	0.17718902	0.28902404	0.33943555	0.37907387	0.18670975
0.004	0.004	0.02671602	0.07760182	0.13002399	0.13881194	0.03613056
0	0	0.01258577	1.00E-04	0.01182712	0.03278206	1.00E-04
0	0	0.4786842	0.58233062	0.57452339	0.76535996	1.03338199
0.004	0.008	0.01910255	0.17905077	0.20326112	0.31538612	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.03264234	0.02121973	0.00316203	1.00E-04
0	0	0.25282206	0.3281478	0.1483349	0.18895322	0.30706495
0	0	1.00E-04	0.04572968	0.02067836	0.01914007	1.00E-04
0	0	1.00E-04	0.04321553	1.00E-04	0.00815234	1.00E-04
0.004	0.004	0.09473288	0.04505829	0.0334481	0.0254547	0.04616468
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.00699995	0.17016496	0.16851748	0.17328965	0.20242394
0	0	1.00E-04	0.00841951	0.00921251	0.01592547	1.00E-04
0.012	0	1.00E-04	0.00757417	1.00E-04	0.00867729	1.00E-04
0	0	0.08866141	0.0881612	0.25083315	0.08127235	0.12264202
0	0	1.00E-04	1.00E-04	0.00355582	1.00E-04	1.00E-04
0	0	1.00E-04	0.00848646	0.01081867	0.00822833	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.02665122	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00683853	1.00E-04
0	0	1.02774746	1.10422948	0.70942514	0.83028735	0.53197955
0	0	0.0093425	0.00276216	0.06275996	0.02444095	1.00E-04
0	0	0.93955808	1.20300625	0.81403788	0.92617609	0.35245184
0	0	0.11722304	0.09902735	0.08297791	0.08691277	0.07782339
0.008	0	0.74534604	0.5551619	1.06845241	1.01078179	1.02489778
0	0	1.00E-04	1.00E-04	0.00219375	0.01622663	1.00E-04
0	0	0.01138533	0.1122571	0.05711117	0.08770359	0.39237728
0.024	0.016	1.12177597	1.66410947	1.07217376	1.37203107	0.97671285
0	0.012	0.33520639	0.70101105	0.29918458	0.34055753	0.73651921
0	0	1.00E-04	0.03762317	0.01501041	0.03244907	0.28424183
0	0.004	0.07352299	0.20959884	0.19357454	0.21856268	0.24816465
0	0	0.11795963	0.25865621	0.05133795	0.0498815	0.08673088

0.008	0.016	1.81519957	1.87273204	1.53008055	1.67822328	2.55256815
0.004	0.012	0.86183417	0.94814786	1.54761755	1.64094634	1.09566878
0	0	1.00E-04	1.00E-04	1.00E-04	0.00217203	1.00E-04
0.028	0.02	1.90114725	1.91067552	2.27017763	2.1292902	1.89167961
0.004	0.004	0.01006692	0.01206324	0.03129415	0.04123754	0.15020165
0.052	0.066	0.8505319	1.25744842	0.89146033	1.02910652	0.9506645
0.004	0	1.27500947	1.29457691	1.28490047	1.49996636	1.28966607
0	0	1.00E-04	1.00E-04	0.00174508	0.01385449	1.00E-04
0	0	0.27313738	0.17913266	0.39305395	0.41061563	0.12753857
0.012	0	1.68189469	1.92052821	1.6438516	1.96875068	2.06577507
0	0	0.1070324	0.10255375	0.11171639	0.16148864	0.24179752
0.056	0.045	1.70235786	1.70763312	1.03819773	1.39880789	1.90167398
0	0	0.0245153	0.06258558	0.06309212	0.06082837	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04	0.041	1.03533458	1.27447968	1.90944101	1.75653084	1.42327954
0.004	0	0.02514103	0.11676218	0.06220551	0.06837001	1.00E-04
0	0.004	0.01347161	0.04160706	0.02101143	0.01566427	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00495835	1.00E-04	0.25022648
0	0.004	0.07233184	0.05970805	0.02191112	0.02689002	1.01090727
0	0	0.08068945	0.09663962	0.3652257	0.38526058	0.13373746
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07339504
0	0	0.06265906	0.04477224	0.02518918	0.02586447	1.00E-04
0.052	0.082	2.90736768	2.93478973	2.74989969	2.97198618	2.59301803
0	0	0.27665318	0.30895162	0.14366272	0.1133226	0.16463912
0	0	0.00530576	0.01938315	0.00444097	0.00540284	1.00E-04
0	0	1.00E-04	1.00E-04	0.0021863	1.00E-04	1.00E-04
0	0	0.02828531	0.047834	0.01873198	0.03945172	1.00E-04
0	0	0.08465163	0.04399095	0.06926923	0.09160964	0.04565632
0	0	0.08953786	0.00782572	0.0139263	0.02833662	0.08394858
0	0	0.26106276	0.25470011	0.39472385	0.32005803	0.65350574
0	0	1.00E-04	1.00E-04	1.00E-04	0.00384261	1.00E-04
0	0	1.00E-04	0.013711	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01792256	1.00E-04
0	0	1.00E-04	1.00E-04	0.01862885	0.00364771	1.00E-04
0	0	0.08579964	1.00E-04	0.03852936	0.04067454	1.00E-04
0	0	1.00E-04	1.00E-04	0.00806306	0.00972684	1.00E-04
0.02	0.037	1.10131739	1.32152464	1.92036376	2.00604254	1.47866339
0.012	0.004	1.00E-04	0.01616077	0.01212236	0.02518615	1.00E-04
0.016	0.02	0.78467821	0.66467394	1.34466022	1.19613975	1.11326187
0.008	0.008	1.53692823	0.91958972	0.51832803	0.64462528	1.39307003
0.004	0	0.03247872	0.03010209	0.0478484	0.04874619	1.00E-04
0.008	0	1.00E-04	1.00E-04	1.00E-04	0.00498406	1.00E-04
0.008	0	0.36082432	0.38387925	0.52434148	0.5602694	0.59112012

0.004	0	0.54105758	0.66501982	1.01284014	0.86357162	1.75399199
0.008	0.008	0.21557508	0.14158799	0.17550065	0.21503274	0.30444654
0	0.016	0.38398026	0.36541698	0.39163136	0.39388091	0.24380728
0	0.008	0.30591649	0.22130311	0.14527129	0.28855489	0.55513762
0	0	0.44070467	0.44665302	0.22022413	0.2953955	0.45980913
0.012	0.004	0.07785345	0.12488985	0.08169537	0.13294421	0.13205515
0.008	0	0.36266485	0.30000816	0.41770887	0.5302933	0.4008475
0	0	0.0096957	0.01202115	0.00873173	0.00269243	1.00E-04
0	0	0.18527261	0.20970072	0.10561419	0.08137047	1.00E-04
0.04	0.029	3.23324589	3.38499012	3.39189394	3.58978224	3.01395188
0	0	0.27795822	0.35032722	0.23673708	0.33093412	0.36997062
0	0	0.22313603	0.27420358	0.14715353	0.20849833	0.32154532
0.048	0.066	2.71865046	2.70234365	2.45283024	2.63671509	2.50392979
0	0	0.07691471	0.13292099	0.51923455	0.405557	0.05052188
0	0	1.00E-04	0.01906929	1.00E-04	0.00298798	1.00E-04
0.012	0.016	0.78443095	0.92070184	0.52460257	0.80658279	0.67902494
0	0.004	1.00E-04	1.00E-04	0.0069694	0.02048622	1.00E-04
0	0.004	1.00E-04	0.00344554	0.00703204	0.01917918	1.00E-04
0	0	1.00E-04	0.00938531	0.01666724	0.02741959	1.00E-04
0	0.004	0.46992272	0.56246709	0.43428957	0.69601857	0.56454872
0	0	0.02261475	0.0726959	0.02411809	0.02724786	1.00E-04
0	0	0.00885016	1.00E-04	0.00222606	0.00610649	1.00E-04
0	0	1.00E-04	0.03378966	0.00832933	0.00965167	1.00E-04
0	0	0.07410784	0.1558219	0.11757346	0.24084953	0.34415854
0.004	0.008	0.59402286	0.4751981	0.52383453	0.76797936	0.59067687
0	0.004	0.17488574	0.37133115	0.40086427	0.4458845	0.29932734
0	0	1.00E-04	0.01626233	0.06148683	0.09642062	1.00E-04
0.004	0	0.11672826	0.13721032	0.17840716	0.18321844	0.34059385
0	0	0.12047419	0.19589798	0.40704622	0.10103206	0.22223048
0	0.004	0.03801327	0.01453572	0.2096079	0.04180656	1.00E-04
0	0	0.28160809	0.42769952	0.87424076	0.24052355	0.39249657
0	0.004	0.49279525	0.40963349	0.4117012	0.62433886	0.69328938
0.012	0.004	0.28195611	0.23798878	0.16539625	0.2916002	0.21189909
0	0.008	0.12739383	0.22117563	0.42298889	0.34924042	0.34418473
0	0.008	0.61995784	0.60399685	0.46395732	0.7278874	0.7020509
0.377	0.451	0.78141568	0.78531124	1.04150521	1.51845411	2.40408756
0.008	0	0.10921942	0.32733422	0.15322658	0.17706309	1.00E-04
0	0	0.01970047	1.00E-04	0.01073221	0.0089128	1.00E-04
0	0	0.04603059	0.1135641	0.10072211	0.03207073	1.00E-04
0	0	0.11467153	0.08265026	0.08691248	0.02187713	1.00E-04
0.004	0.004	0.50912065	0.53045044	0.92591162	0.9811925	0.70523036
0	0	1.00E-04	1.00E-04	0.01607586	1.00E-04	1.00E-04
0	0.004	0.01164844	0.0429197	0.04619964	0.03999809	1.00E-04

0	0	0.06873918	0.05514754	0.07376489	0.12546402	0.22301133
0.004	0.008	0.47684992	0.57828375	0.76734081	0.9428628	0.42977458
0	0	1.00E-04	0.01177267	0.00716932	0.02778986	1.00E-04
0	0	1.00E-04	0.09436198	0.05645745	0.05823282	1.00E-04
0	0	0.04126651	0.03986434	0.04797499	0.10217007	1.00E-04
0.056	0.025	2.23279222	2.23462142	1.82775609	2.1088017	2.34127263
0	0.004	0.21601132	0.13616676	0.1055885	0.13952671	0.40035649
0	0	1.00E-04	0.02655255	0.02161806	0.01287405	1.00E-04
0	0	0.21410302	0.16028281	0.39968239	0.36578527	0.10976252
0	0	1.00E-04	0.02720342	0.00599045	0.01073814	1.00E-04
0.024	0.037	0.89379572	0.97581629	1.0233099	1.20258646	1.00695925
0	0	0.10789415	0.06146099	0.00790834	0.00596338	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00263398	1.00E-04
0	0.004	0.1317128	0.06597307	0.06805001	0.16472537	0.22992036
0	0	1.00E-04	0.01436213	0.00716665	0.01220138	1.00E-04
0.004	0.008	0.85027556	0.70416278	0.83070983	0.94543024	1.04104755
0	0	0.24738098	0.21573439	0.12050782	0.18126102	1.00E-04
0	0.004	0.154381	0.27128922	0.16811049	0.33095847	0.20870315
0	0	1.00E-04	0.00566355	0.01117587	0.00134188	1.00E-04
0	0	1.00E-04	1.00E-04	0.02175268	0.01459622	1.00E-04
0.008	0.012	0.38827431	0.5346373	0.55564631	0.70933101	0.34283324
0	0	1.00E-04	0.03708397	0.04652598	0.05916882	1.00E-04
0	0.004	0.49083866	0.36591332	0.39243805	0.52198537	0.8646999
0.012	0.004	1.77972412	1.6230365	1.1641648	1.31776656	1.38490009
0	0	0.20505297	0.19408021	0.33604454	0.4757787	0.16030228
0	0	0.05932997	0.08295131	0.08002158	0.12926249	0.28139096
0.008	0	0.17148521	0.23116373	1.17028453	1.31868133	0.18403026
0	0	1.19351519	1.16059022	1.91360555	1.6101012	0.8444656
0	0	0.06602262	0.08159181	0.09555515	0.14247408	0.04925146
0	0	0.4931477	0.3082962	0.34275798	0.25118007	0.24354657
0.028	0.037	0.62948732	0.74461665	1.22370301	1.1340695	0.85691301
0	0	0.11575881	0.11628369	0.25456847	0.24555314	0.09226069
0.028	0.02	1.37978159	1.3942379	1.48794652	1.6716653	1.41441619
0.008	0.012	0.19813979	0.21243708	0.40569688	0.50745541	0.57157056
0.004	0.004	0.74450268	0.76759204	0.93085954	1.10284587	0.86688859
0	0	0.07676753	0.01529423	0.06253611	0.05753522	1.00E-04
0	0	0.05347561	0.06620772	0.13895164	0.27804494	1.00E-04
0	0.004	1.50755952	1.13127567	1.17869664	1.69065936	0.78698628
0	0.004	0.30694358	0.16516549	0.16006512	0.30009609	0.53731078
0	0	0.08001388	0.24374709	0.14816731	0.17224416	0.46469302
0.004	0	0.03623979	0.04897569	0.05444519	0.03845432	0.0790215
0	0	0.25596641	0.16388882	0.22883112	0.18838948	0.1269607
0	0.008	0.54555928	0.60043016	0.70744744	0.96895081	0.79172729

0	0	0.04270366	0.03819622	0.05709983	0.05727615	0.05079243
0	0.004	0.59155086	0.36758252	0.23613011	0.43255202	0.36917503
0.004	0.008	0.24479135	0.32906128	0.21607318	0.26593458	0.27610024
0.008	0	0.75444334	0.91425482	0.98874301	0.83655185	0.80404184
0	0	0.10715247	0.16978712	0.12969365	0.1672518	0.31764512
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.10161959	0.21831507	0.25866462	0.13159913	0.45624629
0	0	0.13811416	0.11236205	0.05179115	0.06936244	0.13026502
0	0	1.00E-04	1.00E-04	0.00466209	0.00103196	1.00E-04
0	0	1.00E-04	1.00E-04	0.00228694	0.00098573	1.00E-04
0.016	0.008	0.98322414	1.04302384	1.33760156	1.29215202	1.20271022
0.012	0	0.26523991	0.26038195	0.4947086	0.55764259	0.2934166
0	0	0.1324597	0.04804349	0.30304358	0.21333241	0.04012068
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31	0.32	3.24232913	3.27996534	4.29052971	3.83648755	3.68741487
0	0	0.08142595	0.13743124	0.09408476	0.11709723	1.00E-04
0	0.004	0.36417525	0.5630976	0.50806925	0.54727402	0.85002403
0	0	0.05230173	0.05002792	0.119618	0.13549494	0.21751834
0	0	0.00904208	0.08027703	0.06896141	0.08404869	1.00E-04
0.004	0.004	0.0619954	0.06059547	0.03041086	0.03158496	0.17932046
0.004	0	0.15030659	0.14336461	0.12495421	0.1643203	1.00E-04
0.012	0.008	1.01989065	1.19542046	0.86325595	1.10133318	0.6730885
0	0.004	0.31351217	0.42500761	0.27912612	0.42310222	0.43926298
0.044	0.045	2.49873026	2.26771546	2.52116378	3.12178775	2.0842476
0.028	0.033	1.25797658	1.38409518	1.28961506	1.57469754	1.35832966
0.004	0	0.36610808	0.26907484	0.49198679	0.59631404	0.37108798
0.012	0.004	1.53139652	1.10135612	1.52278269	1.3181503	1.61510785
0	0.016	0.01059151	0.04487259	0.08314954	0.01336411	1.00E-04
0	0.004	0.62278327	0.44666755	0.95954786	0.86597705	0.60100858
0.004	0.012	2.25823064	2.30572447	2.43235623	2.5706693	1.92542464
0.012	0.029	1.46323555	1.85223544	1.77954984	1.76331585	1.42889274
0.048	0.016	1.89391096	1.90822557	2.75764685	1.37525014	3.05849715
0.008	0.025	0.99916307	1.05970208	1.53937011	1.31755778	1.03761274
0.024	0.016	0.71726218	1.08872231	0.96354469	1.23503882	0.62594177
0.004	0.004	0.19648689	0.19001552	0.21088605	0.37655619	0.61045729
0.008	0	0.38059824	0.41280507	0.30533034	0.44662884	0.39747252
0	0	0.1927985	0.15581309	0.25508905	0.32307813	0.06830229
0	0	1.00E-04	1.00E-04	0.0132138	0.02464892	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00373789	0.00224316	1.00E-04
0	0	1.00E-04	0.00569551	0.01152258	0.02728077	1.00E-04
0.008	0.012	0.44209632	0.48090617	0.38047387	0.54515841	0.81595102
0	0	0.10914751	0.14452685	0.11597619	0.16798913	0.17111449
0.004	0	0.11891586	0.10344309	0.10539944	0.18982796	0.18186456

0.004	0	0.0255696	0.08719874	0.11963674	0.12317661	0.05804912
0.008	0.004	0.21902784	0.44707101	0.2127913	0.36077164	0.03859445
0.004	0.004	0.7695015	0.98853442	0.72080647	1.04485853	0.61168778
0	0.004	0.09372856	0.14146618	0.08204851	0.12733372	0.14306783
0	0	0.10833441	0.14183381	0.06867247	0.12953313	0.0681023
0.012	0.008	0.58362934	0.61029216	0.60967853	1.08912932	1.47197711
0.012	0.012	0.53497901	0.72536212	0.57603995	0.83995709	0.76191594
0.012	0.004	0.14615385	0.12951514	0.13830154	0.19726048	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00373272	1.00E-04
0.147	0.111	1.74447951	1.95238951	1.98231744	1.79604708	2.11213764
0	0	0.0199166	0.06674205	0.03104603	0.02716875	1.00E-04
0.048	0.012	0.47733094	0.28347239	0.34905732	0.38533975	0.14730528
0	0	0.26150725	0.37996597	0.40709258	0.43909785	0.14699835
0	0	0.02091719	0.03771524	0.01335161	0.01535799	1.00E-04
0.016	0.033	0.56753215	0.82952287	0.40995482	0.61203853	0.62976014
0	0.008	0.24444065	0.29840041	0.21059073	0.32629442	0.27029415
0	0	0.66888539	0.24375798	0.12128301	0.11776209	0.43287603
0	0	0.02352005	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0	1.32214433	1.19704051	1.02990094	1.39529509	0.85443242
0	0	0.04416843	0.01997749	0.02877984	0.01495006	1.00E-04
0	0	1.00E-04	1.00E-04	0.00097099	0.01229495	1.00E-04
0	0.008	0.2368102	0.22771339	0.2208737	0.26619307	0.30178212
0	0	0.03625421	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01586076	1.00E-04
0.004	0.008	1.12827328	1.29834969	1.21349346	1.29540667	0.89588859
0.004	0	1.00E-04	0.04631696	0.01666888	0.02227002	0.17320512
0	0	0.46068995	0.61197799	0.68384783	0.78426635	0.57679446
0.266	0.311	3.42422491	3.64863361	3.51395688	3.83773361	3.59958115
0.004	0	1.00E-04	0.01254545	0.00686006	0.00817239	1.00E-04
0	0	0.20379442	0.23774413	0.3189781	0.2971422	0.04472441
0	0	1.00E-04	1.00E-04	1.00E-04	0.00518174	1.00E-04
0	0	1.00E-04	0.04528538	0.02834157	0.01800627	1.00E-04
0.012	0	0.39671222	0.93389097	0.42994883	0.38031052	0.74447182
0.206	0.283	3.6139087	3.82577218	3.45167667	3.87622836	3.7657741
0.151	0.111	2.21622685	2.03656271	3.22688516	3.03058844	2.54378419
0	0.004	0.03964645	0.04739002	0.04621253	0.03160808	1.00E-04
0	0	1.00E-04	0.00666783	0.01398455	1.00E-04	1.00E-04
0.004	0	0.88852525	0.72310437	0.75385318	1.03370723	1.12559672
0	0	0.45325146	0.32326977	0.26056068	0.24637035	0.07212181
0	0	0.08977168	0.03053087	0.0652039	0.05731679	0.04395639
0	0	1.00E-04	0.00409637	1.00E-04	1.00E-04	1.00E-04
0	0	0.08648026	0.0494642	0.04118527	0.10356867	1.00E-04
0.004	0.004	0.43454554	0.53857739	0.54170692	0.60202451	0.44603578

0	0	0.25862487	0.25574597	0.24018948	0.30033024	0.10044274
0	0	1.00E-04	1.00E-04	0.00651904	1.00E-04	1.00E-04
0	0.004	0.36537472	0.39260436	0.53895793	0.55182767	0.52291435
0.008	0.004	1.00E-04	0.0307925	0.00335804	0.00495525	1.00E-04
0	0.004	0.2055267	0.14234142	0.11249363	0.11537916	1.00E-04
0	0	1.00E-04	0.01340365	0.01003465	0.03207657	1.00E-04
0.008	0.008	0.11621805	0.58060483	0.61639427	0.54211101	1.00E-04
0	0	1.00E-04	0.00650248	0.02512666	0.03840294	0.08415711
0	0	0.00976585	0.02053586	0.05079429	0.00821366	1.00E-04
0	0	1.00E-04	1.00E-04	0.00118652	0.00637904	1.00E-04
0	0	1.00E-04	0.06272994	0.06877919	0.10410341	1.00E-04
0	0	0.57809173	0.54328488	0.53260922	0.68354482	0.19713022
0.028	0.025	1.03057987	1.0701576	0.96109718	1.16490156	1.03325763
0	0	1.00E-04	1.00E-04	0.00178839	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00540727	0.00367533	1.00E-04
0	0	1.00E-04	1.00E-04	0.0196666	0.01847825	1.00E-04
0	0	1.00E-04	0.00433301	1.00E-04	0.00393745	1.00E-04
0	0	1.00E-04	0.01487459	0.01053383	0.03663748	1.00E-04
0	0	0.01610305	0.06789096	0.04867309	0.04012385	0.19628244
0	0	1.00E-04	0.0125165	0.00479705	0.00983379	1.00E-04
0	0.004	0.09731942	1.00E-04	0.02908032	0.02112473	1.00E-04
0	0	1.00E-04	1.00E-04	0.01427461	0.01878418	1.00E-04
0	0.004	0.18466844	0.09710052	0.0927085	0.06486652	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0044033	1.00E-04
0	0	0.08410264	0.06932268	0.01651457	0.06030258	0.18161595
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.07323345	0.02876118	0.032253	0.20597997
0	0	0.02533245	0.0905262	0.06003377	0.12648112	0.33390383
0	0	1.00E-04	0.01709882	0.00499865	0.02099564	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01487749	1.00E-04
0	0	0.02704422	0.04957179	0.03321996	0.04310735	1.00E-04
0.008	0.004	0.85767037	0.59375002	0.73816147	0.92987432	0.60381668
0	0	0.02892752	0.17051278	0.08666654	0.1111987	0.19927003
0	0	0.0374728	0.03138959	0.03590779	0.06615605	0.04625257
0.012	0.008	0.13311275	0.11078103	0.07902967	0.07836948	1.00E-04
0.004	0	0.157167	0.15547202	0.0963189	0.11238548	0.16096884
0	0	0.00775386	1.00E-04	0.00258274	0.02752013	1.00E-04
0.024	0.041	1.94167782	2.07195577	2.4023431	2.46285581	1.77587782
0.004	0	1.00E-04	0.09757554	0.00559177	0.02563531	1.00E-04
0.004	0.008	0.60089017	0.75396516	0.44932327	0.66121714	0.26125966
0.004	0.004	1.00E-04	0.00521019	0.00328764	0.03705705	1.00E-04

0	0	0.14743926	0.04466537	0.06879325	0.03954944	1.00E-04
0.004	0.016	1.01399705	0.96525757	0.84459644	1.07656972	0.85547622
0	0.004	0.27555562	0.31885526	0.26618661	0.28835844	0.3671604
0	0.025	0.2995269	0.29646501	0.18768324	0.41815609	0.6038848
0	0	0.67913656	0.74697374	0.85579814	0.99188738	0.36847613
0	0.008	0.47957867	0.68912864	0.76939312	0.68952463	0.26161816
0.008	0.012	1.00498852	0.67526767	0.9371023	0.93617779	0.77477833
0	0	0.48637456	0.1805768	0.20130166	0.27214879	0.19771726
0.004	0	0.07127046	0.16977732	0.07891022	0.10968226	0.23384337
0	0.004	0.19537638	0.09129751	0.03473251	0.03891919	1.00E-04
0	0	0.28848357	0.22856209	0.19946791	0.32652228	0.36651599
0	0.004	0.16772893	0.1228137	0.02594872	0.09686934	1.00E-04
0.103	0.09	1.77555372	1.34141705	2.7449273	2.62804069	2.34473347
0.02	0.012	0.99744431	1.12287503	0.75123302	1.22440894	0.70946942
0	0.004	0.38514611	0.56579422	0.33247935	0.31717843	0.25928126
0	0.008	0.19597902	0.24328059	0.16753101	0.18202234	0.16910901
0.004	0	0.04771883	0.08272641	0.13136105	0.0677649	0.13346082
0	0	1.00E-04	0.01489623	0.01084595	0.00512022	1.00E-04
0	0	1.00E-04	0.02388428	0.00713179	1.00E-04	1.00E-04
0	0	1.00E-04	0.02692691	0.01842551	0.00626556	1.00E-04
0.008	0.004	0.1988993	0.26225645	0.35895432	0.46797947	0.60090304
0	0	0.08675563	0.01893384	0.02619614	0.02310222	0.03103739
0	0	0.09118437	0.02557459	0.04688277	0.03947767	0.27192917
0	0	1.00E-04	0.01177759	0.00683649	0.00210987	1.00E-04
0	0.004	0.08052535	0.10946918	0.10000549	0.16209847	1.00E-04
0	0	0.05897277	0.04393305	0.02964484	0.07362403	1.00E-04
0	0	0.00958301	0.02238505	0.02478358	0.01682012	1.00E-04
0.012	0.033	0.40161675	0.41269503	0.33147833	0.37367689	0.38743367
0.012	0.004	0.22829498	0.42832542	0.42225669	0.37945579	0.57207273
0	0	0.32339113	0.41336958	0.36398402	0.30774011	0.19263916
0	0	0.05732138	0.00430092	0.00279358	0.02783317	0.06843684
0	0	0.01752789	0.0191417	0.07288401	0.13228306	0.0694587
0	0	0.15752664	0.17365091	0.07496034	0.07289095	0.21574995
0	0	1.00E-04	1.00E-04	0.01818508	0.01530386	1.00E-04
0	0	0.04715124	0.05765043	0.05021472	0.06052453	1.00E-04
0.012	0	0.42371157	0.46394017	0.27470148	0.3793267	0.33071738
0.004	0	0.1466524	0.16853868	0.09493861	0.13248473	0.35095801
0.008	0.016	0.57312217	0.66096794	0.30584067	0.39249469	0.67347655
0.036	0.029	1.09884148	1.10938686	1.65515541	1.72604048	1.36303353
0	0.004	0.26170045	0.11973313	0.24602564	0.28120859	0.10767926
0	0	1.00E-04	0.05758645	0.05411626	0.0554581	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00318338	1.00E-04	0.00220934	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.11253739	0.12010286	0.09508082	0.13073593	1.00E-04
0.008	0.008	1.00E-04	0.05479215	0.09339497	0.07337373	0.32176245
0	0	0.04201938	0.02908186	0.09406741	0.0628628	0.50690989
0	0	0.19485302	0.24649174	0.2731346	0.32462179	0.14728657
0	0	1.00E-04	1.00E-04	0.00437708	0.0048465	1.00E-04
0	0	0.08293588	0.0061914	0.00713772	0.01522971	1.00E-04
0.008	0.004	0.77450989	0.6980505	1.1820385	1.15414317	0.92239354
0	0	0.04909479	0.04440269	0.18992118	0.13109685	0.05187124
0	0	0.0113199	0.01432812	0.03011541	0.00430731	1.00E-04
0.028	0.029	1.50595758	1.96609522	1.41363817	1.46270907	1.86359907
0.004	0.004	0.92702234	1.22550403	1.08625247	0.81666596	1.1098072
0.012	0	0.6869974	0.55462066	0.53172763	1.01263414	1.22043489
0	0	1.00E-04	0.01617934	0.00495571	1.00E-04	1.00E-04
0.004	0.004	1.16834516	1.1012932	0.69698129	0.98215719	1.52346913
0.004	0	1.00E-04	0.02048244	0.0087237	0.02722855	1.00E-04
0.016	0.008	1.1142798	1.08080797	1.06394357	1.33865891	1.69420803
0	0	0.06576694	1.00E-04	0.00494971	0.01602369	1.00E-04
0	0.004	0.17975436	0.20386851	0.39504745	0.30101278	0.08344181
0	0	1.00E-04	1.00E-04	0.01233432	0.00960659	1.00E-04
0	0.004	0.18595119	0.25175137	0.23324541	0.24482999	0.32617663
0.004	0	0.56784153	0.46118587	0.27289765	0.27144327	1.01524413
0.004	0	0.47520482	0.3492159	0.29951548	0.3872868	0.30879906
0.056	0.049	3.17020637	3.25341315	3.52029438	3.71246746	3.33746739
0.004	0.008	1.54076071	1.98866503	1.93854559	2.06216308	1.14987321
0	0	0.2496772	0.42272765	0.55913515	0.49232006	0.26652571
0	0	0.00791881	0.04222091	0.01823458	0.02870695	0.09418612
0	0	0.02113556	0.05121055	0.04430256	0.04332027	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.0436593	0.0317225	0.00985293	0.0203236	1.00E-04
0	0	0.17675799	0.19179433	0.15771056	0.23557795	0.18593649
0	0	1.00E-04	0.01308017	0.01202989	0.01527237	1.00E-04
0	0	1.00E-04	0.07385131	0.02164709	0.08207373	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.01262746	0.00848354	1.00E-04
0.004	0	0.12974279	0.09113564	0.11111083	0.09009651	0.40446642
0.008	0.008	2.23455298	2.26123809	2.42070091	2.56492926	2.26436511
0.004	0	0.51009488	0.70010296	0.38708609	0.52024421	0.41632107
0	0	0.28961182	0.37617714	0.23233359	0.37530377	0.39257809
0	0	0.04036621	0.01961434	0.04378419	0.06151351	1.00E-04
0	0	0.08391678	0.23032279	0.10302054	0.03557507	0.03585461
0	0	1.00E-04	0.03522344	0.02473337	0.05914815	1.00E-04
0	0	1.00E-04	1.00E-04	0.00281057	1.00E-04	1.00E-04
0	0	0.2760328	0.49774489	0.41646312	0.48010655	0.61125877

0	0	0.0624287	0.06862059	0.03090612	0.08519943	1.00E-04
0	0.004	0.02369013	0.21722218	0.06489919	0.17582294	0.16247248
0	0	0.04572814	0.09856825	0.09803601	0.10053413	0.13242429
0	0	0.01688613	0.01529612	0.00693437	0.01581653	1.00E-04
0	0	0.06620582	0.06035248	0.02040885	0.01748589	0.1314661
0	0	0.12671292	0.22248696	0.15977628	0.47239126	0.27980513
0	0	0.02406841	0.04928963	0.07126809	0.10171777	1.00E-04
0.004	0	0.24520093	0.19630577	0.13529527	0.15124807	0.61317593
0.008	0	0.65216606	0.50919209	0.90535522	0.63005912	0.65121022
0.004	0	0.09120241	0.01174161	0.01056314	0.01546968	1.00E-04
0	0.008	0.84050475	0.8170443	0.81686358	1.00456081	0.75268384
0	0	0.05192641	0.15656657	0.08461673	0.1757433	0.05079243
0	0.004	0.01439145	1.00E-04	1.00E-04	0.00101617	0.52263455
0	0	0.03948058	0.06173669	0.01369621	0.06157572	1.19899661
0	0	0.03999087	0.10251631	0.04587623	0.06168477	0.35719033
0	0	0.12092736	0.09615478	0.08570708	0.13437616	0.17160828
0.079	0.057	2.00688759	2.05713627	1.80872422	2.03085551	2.4232004
0	0	0.02835251	0.0332251	0.04131366	0.03789448	0.11964847
0	0	0.01812354	0.07533249	0.03204303	0.06928886	0.07288116
0	0.004	2.71073597	2.72425163	2.32221897	2.13177335	2.65127679
0	0	1.00E-04	0.01556083	0.01288511	0.0076716	1.00E-04
0	0.004	1.00E-04	0.00723179	0.04070561	0.06113245	1.00E-04
0	0	1.00E-04	0.02420847	0.01373542	0.0243392	1.00E-04
0	0	0.08399301	0.0460358	0.0493355	0.06025461	0.11018799
0.008	0.016	0.85708746	0.94507661	0.85756848	0.94108708	1.02054393
0	0	1.00E-04	1.00E-04	1.00E-04	0.00449189	1.00E-04
0.008	0.004	0.37250388	0.25643723	0.22572256	0.26896112	0.76908755
0	0	0.02258845	0.06570906	0.07176696	0.02532241	1.00E-04
0	0	0.05079505	0.08669792	0.13924203	0.09750392	1.00E-04
0.004	0	0.43260776	0.68129282	0.46058597	0.71941989	0.36853684
0.004	0	0.08561813	0.04278065	0.04965223	0.0585776	0.23000889
0	0	1.00E-04	0.01092328	0.00185097	0.03431554	1.00E-04
0.004	0	0.09212207	0.068879	0.09130513	0.0946582	0.03525135
0	0	1.00E-04	1.00E-04	0.00324552	1.00E-04	1.00E-04
0.024	0.008	0.86320835	0.74068431	0.65202225	0.67497329	0.95771722
0	0	1.00E-04	0.00656557	0.01820852	0.0323456	1.00E-04
0	0	1.00E-04	1.00E-04	0.00428299	1.00E-04	1.00E-04
0	0	0.02139287	0.02669228	0.04106301	0.07521088	0.1739068
0	0	0.01539131	0.03140779	1.00E-04	0.0063925	1.00E-04
0	0	1.00E-04	0.00498108	0.01073998	0.00993481	1.00E-04
0	0	0.01539846	0.02698604	0.00343799	0.00351523	1.00E-04
0	0	1.00E-04	0.0105492	0.0024258	1.00E-04	1.00E-04
0	0	1.00E-04	0.01532521	1.00E-04	1.00E-04	1.00E-04

0.004	0	0.01335119	0.14001474	0.05261599	0.06509708	1.00E-04
0	0	0.02055933	0.07046476	0.08933727	0.04363549	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00083587	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.010474	1.00E-04	0.00143595	1.00E-04
0	0	0.17931973	0.33460882	0.22820534	0.35998315	0.23353646
1	1	11.0196748	10.7884641	9.93280676	9.81424234	10.7494409
0	0	1.00E-04	0.00319682	1.00E-04	0.00165009	1.00E-04
0	0	1.00E-04	0.01254824	0.00653541	0.0040409	1.00E-04
0	0	0.07707633	0.06987771	0.00857772	0.01943056	1.00E-04
0	0	1.00E-04	1.00E-04	0.00320529	0.00206009	1.00E-04
0.004	0	1.00E-04	0.02018176	0.027931	0.01273162	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00774284	1.00E-04
0	0	1.00E-04	0.04171604	0.05199954	0.05273829	1.00E-04
0	0	1.00E-04	1.00E-04	0.00440918	0.00635505	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01921306	1.00E-04
0	0	1.00E-04	0.02741989	0.026171	0.03905194	1.00E-04
0	0	1.00E-04	1.00E-04	0.04002894	0.01446424	1.00E-04
0.012	0.004	1.02390882	0.64116304	1.00354318	0.60167963	1.71867273
0	0	1.00E-04	0.020724	0.06847354	0.0037734	1.00E-04
0.004	0.004	0.11522356	0.08468671	0.41128715	0.13601213	0.30349511
0	0.004	0.12568417	0.0481202	0.22888159	0.06460778	0.04185466
0	0	1.00E-04	1.00E-04	0.04225275	0.00688675	1.00E-04
0	0	1.00E-04	0.01650809	0.01293991	0.01744753	1.00E-04
0	0	1.00E-04	1.00E-04	0.00858396	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01931316	0.01729466	1.00E-04
0.02	0	0.92930976	1.14810005	0.89711293	1.03992178	0.90406911
0.008	0.004	0.78893728	0.97729684	0.59943351	0.79717045	0.96975648
0	0	0.10999472	0.10580869	0.30660773	0.08738046	0.36055436
0	0	0.04608113	1.00E-04	0.07904867	0.00988747	0.35156184
0.016	0	0.5856738	0.45325763	0.88405749	0.4489194	0.95974517
0	0	0.29620134	0.34152452	0.64014014	0.25643035	0.3316081
0.032	0.057	1.25903464	1.48416613	1.44048406	1.65533039	1.60917205
0.004	0	1.00E-04	1.00E-04	0.04516841	0.01375686	1.00E-04
0	0	0.08764539	0.03687082	0.12292006	0.02995184	0.12114905
0.004	0	0.14240508	0.13565958	0.38215905	0.07517343	0.42131242
0	0	0.5858502	0.24780544	0.61798333	0.24427137	1.31680214
0	0	0.03050583	0.1076012	0.03083056	0.0645812	1.00E-04
0.004	0.004	1.0346261	0.68270398	1.31886819	0.52464328	1.70442098
0	0	0.01283308	0.14003662	0.12398678	0.10640702	1.00E-04
0.008	0	0.29383967	0.19610137	0.74456214	0.40809389	0.8754671
0	0	0.05081799	0.03393593	0.07224074	0.01090055	0.07147026
0.095	0.086	3.78149943	3.74142229	3.71049315	3.7540868	3.69461929

0	0	0.42421807	0.15394661	0.35101121	0.11551828	0.87670592
0.008	0.004	1.01350426	1.12477523	0.82401705	1.04334333	0.82122071
0	0	0.02046963	0.00317498	0.04294608	0.00433261	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00467931	1.00E-04
0	0	1.00E-04	0.00690564	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.03769931	0.0187083	0.03667204	1.00E-04
0	0.004	0.5001077	0.44743859	0.28054732	0.37575618	0.26431368
0	0	0.76652187	1.00141696	0.68291901	0.7589892	0.56009575
0	0	1.00E-04	1.00E-04	0.00822761	0.0043133	1.00E-04
0.004	0.008	0.8699658	0.76002408	0.40279879	0.52834241	0.44869423
0	0	1.00E-04	1.00E-04	0.00095476	0.00504128	1.00E-04
0	0	1.00E-04	0.00397448	0.00445403	0.00155662	1.00E-04
0	0	0.01275135	0.06405273	0.04375314	0.078902	0.06637836
0	0	0.01816604	0.01001661	0.09267607	0.12948422	1.00E-04
0.016	0.016	1.77724677	1.72313399	1.4520083	1.8450769	1.85676538
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0091807	0.00744188	0.00395667	1.00E-04
0	0	1.00E-04	0.04961009	0.04734489	0.06109822	1.00E-04
0	0	1.00E-04	0.05359615	0.02003829	0.06994479	1.00E-04
0.016	0.025	1.8586843	1.81653915	1.21357047	1.37716464	1.42335811
0	0	1.00E-04	1.00E-04	0.00192292	0.0046634	1.00E-04
0	0	1.00E-04	1.00E-04	0.00572823	0.00709734	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.91604086	0.77244882	1.58833793	0.68747305	1.36853652
0	0	0.03426036	0.00800937	0.00748972	0.00807693	1.00E-04
0	0	0.1257446	0.0204354	0.1029749	0.08428908	0.31338407
0	0	0.02629401	0.0516506	0.12348416	0.05575598	0.07147026
0.004	0	0.94832262	0.61620189	1.4393927	0.76195403	0.57266114
0	0	0.00790387	0.03656409	0.14371132	0.08770226	0.04084487
0	0	0.00795077	0.05699664	0.03847509	0.04055866	0.05936316
0	0	1.00E-04	1.00E-04	1.00E-04	0.00542102	1.00E-04
0.012	0.008	0.69385221	0.44845882	0.32084728	0.39629149	0.88457338
0.008	0	1.13145112	1.05181456	0.8236187	1.02477478	1.11510222
0	0	1.00E-04	0.01312103	0.00983367	0.00171068	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00414539	1.00E-04
0	0	1.00E-04	1.00E-04	0.00885085	1.00E-04	1.00E-04
0	0	0.34705267	0.15411782	0.13211017	0.20499401	0.166708
0	0	0.44478258	0.27549813	0.17650871	0.25283273	0.24794136
0	0	1.00E-04	0.0257067	1.00E-04	1.00E-04	1.00E-04
0	0.012	0.24994193	0.27292023	0.43718164	0.40154819	0.72489023
0	0	1.00E-04	1.00E-04	1.00E-04	0.00141938	1.00E-04
0	0	0.06915435	0.03857168	0.00351699	0.01271731	1.00E-04
0	0	1.00E-04	0.00513178	0.00660948	0.00725906	1.00E-04

0	0.004	0.2156005	0.31580028	0.19077016	0.22401681	0.3362447
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.17554488	0.1381326	0.40285205	0.3968196	0.42984841
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00250598	0.01276468	1.00E-04
0	0	0.04269863	0.30316082	0.40443788	0.11341467	0.68661178
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.03776216	0.02656029	0.00602743	1.00E-04
0.008	0	1.11715572	1.14562324	0.77931723	0.93500244	0.94159468
0	0	1.39813521	1.5622819	1.64703829	1.70106185	1.67835286
0.02	0.037	1.25564246	1.44792544	2.32403483	2.19034508	1.81512765
0	0	1.00E-04	1.00E-04	0.00212689	1.00E-04	1.00E-04
0	0	0.0080868	1.00E-04	0.00772085	0.00160253	0.05829841
0	0	0.02095448	0.03820631	0.03309378	0.01952165	1.00E-04
0	0	1.00E-04	0.0235054	0.0117822	0.00625252	1.00E-04
0	0	0.16048544	0.09802935	0.03994599	0.11936439	0.05450939
0	0	1.00E-04	1.00E-04	1.00E-04	0.00184182	1.00E-04
0	0	1.00E-04	0.08438775	0.02021498	0.04024803	1.00E-04
0.004	0	0.48272148	0.1806772	0.12501127	0.28797947	0.13026502
0	0	1.00E-04	0.00673344	1.00E-04	0.01783172	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28818579
0	0	1.00E-04	1.00E-04	1.00E-04	0.04454221	1.00E-04
0	0	1.00E-04	0.010995	0.01668919	0.00594549	1.00E-04
0.004	0.004	1.00E-04	0.07967825	0.02591191	0.06912733	0.33081151
0	0	1.00E-04	1.00E-04	1.00E-04	0.00386166	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00199936	1.00E-04
0	0	0.07932556	0.05579016	0.02283502	0.03505708	1.00E-04
0	0	0.01521206	0.0413228	0.02382475	0.02434107	1.00E-04
0	0	0.02696816	0.01200422	0.03464699	0.05265932	1.00E-04
0.04	0.033	1.7181951	1.59044674	1.30831559	1.56788062	1.46514872
0	0	1.00E-04	0.01109969	0.0017918	0.00752024	1.00E-04
0	0	1.00E-04	0.0820469	0.04010547	0.04257581	1.00E-04
0	0	1.00E-04	1.00E-04	0.00309398	0.00170688	1.00E-04
0.012	0.016	0.37332347	0.44373338	0.35886197	0.57793551	1.23820116
0	0	0.02803456	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00136753	1.00E-04	1.00E-04
0.004	0	1.00E-04	0.09425083	0.08342775	0.11069217	1.00E-04
0	0	1.00E-04	0.03780707	0.0662645	0.04584773	1.00E-04
0	0	1.00E-04	0.1389568	0.15818914	0.11774769	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00239574	1.00E-04
0.004	0.008	0.27190925	0.2342638	0.1653303	0.15357255	0.48864766
0.024	0.02	2.34201325	2.54322776	1.85744364	2.18846806	2.20483691
0	0	0.07848772	1.00E-04	1.00E-04	1.00E-04	0.05867888

0	0	0.02671996	0.05047983	0.03051023	0.05567629	0.08285177
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.0051302	0.00226494	1.00E-04
0	0	1.00E-04	1.00E-04	0.00667856	0.0040719	1.00E-04
0.032	0.041	0.86794156	0.54109588	0.26563327	0.43292432	0.26916539
0	0	0.05782286	0.04626701	0.06596208	0.06910935	0.04054828
0	0	0.27146316	0.33539595	0.43068236	0.53368803	0.35593543
0	0	1.00E-04	1.00E-04	0.05691261	0.0138998	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00189293	1.00E-04
0	0	0.06869824	0.08267211	0.14169499	0.12849901	0.11789294
0	0	1.00E-04	0.00906097	0.01014494	0.048674	1.00E-04
0.004	0	0.13031403	0.15942962	0.09968531	0.15360299	0.10348813
0	0	1.00E-04	1.00E-04	1.00E-04	0.00797966	1.00E-04
0	0.004	0.01519303	0.11821476	0.02433284	0.04893272	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.0027599	0.00815915	1.00E-04
0	0	1.00E-04	0.05182743	0.03648264	0.02965785	1.00E-04
0	0	1.00E-04	0.01078842	0.02051953	0.03995113	1.00E-04
0	0	0.20645506	0.45844456	0.13676075	0.19690354	0.3620079
0	0	1.00E-04	0.0168392	0.00229109	0.01154346	1.00E-04
0.004	0	1.00E-04	0.0486047	0.06874347	0.0296341	1.00E-04
0	0	1.00E-04	0.0546739	0.00989464	0.03403344	1.00E-04
0	0	0.03723746	0.34831663	0.09665363	0.18828687	0.11334819
0	0	0.53937831	0.31326907	0.70955977	0.28737633	0.45688036
0.016	0.004	0.49298677	0.61942051	0.97257343	0.92749591	0.42405147
0	0.004	0.10039677	0.07800694	0.16676599	0.15569676	0.08266248
0	0	1.3680058	1.31640683	1.0754766	1.27382072	0.91886881
0	0	0.05226684	0.02066273	0.04471885	0.04911711	0.32783311
0	0	0.00967691	0.04784393	0.02031485	0.03105884	1.00E-04
0	0	1.00E-04	1.00E-04	0.00434642	1.00E-04	1.00E-04
0	0	1.00E-04	0.01778765	0.00850632	0.02322292	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.01039839	0.08488863	0.05056522	0.0760955	1.00E-04
0.004	0	0.34116191	0.37603191	0.18072872	0.24500103	0.23499925
0.008	0	0.43848299	0.41428226	0.3522474	0.37264192	0.74830609
0.06	0.041	2.4554444	2.30490326	2.29263068	2.43612844	2.54951527
0.036	0.049	1.10599791	1.05786873	0.97052022	1.21114117	1.0735075
0	0	1.00E-04	0.00456775	0.01533183	0.03528448	1.00E-04
0.032	0.033	1.40333436	1.61566951	1.99849145	2.06688041	1.07346872
0	0	1.00E-04	1.00E-04	1.00E-04	0.00349818	1.00E-04
0	0.004	0.35284809	0.49429412	0.56464339	0.54337633	0.5963524

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.55329254	0.27329246	0.4702087	0.42990958	0.25803851
0	0	1.00E-04	1.00E-04	0.00824299	0.0055021	1.00E-04
0	0	0.0095254	0.02161173	0.00733145	0.01516597	1.00E-04
0	0	0.06773516	0.0684362	0.01294489	0.00263872	0.06052039
0	0	1.00E-04	0.01402377	0.03912305	0.0314774	0.07756917
0	0	0.02387446	0.10457949	0.09864155	0.09027149	0.1443685
0	0	1.00E-04	1.00E-04	0.00373364	0.0087912	1.00E-04
0	0	0.05283706	0.01977938	0.00484048	0.00347333	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01703472	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00209868	0.00180896	1.00E-04
0	0	0.02752234	0.04490399	0.02679215	0.02714274	0.05058647
0.004	0	0.1080633	0.1779208	0.10619692	0.15353755	0.14883634
0.04	0.037	1.22795043	1.55776504	1.39142425	1.73562637	1.60602265
0	0	1.00E-04	0.0114331	0.01599484	0.01311955	1.00E-04
0	0	1.00E-04	0.02306029	0.00342579	0.01523364	1.00E-04
0	0	0.11295661	0.02604343	0.05913195	0.06679825	0.04600365
0	0	0.02355908	0.03792268	0.01649278	0.02484948	1.00E-04
0.008	0.033	0.96093181	1.29903807	1.07743861	1.38571007	0.90666815
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0044883	1.00E-04
0	0	0.05750324	0.17503936	0.19697297	0.11380819	0.20469964
0.004	0	0.13211456	0.08080834	0.05323977	0.06428227	0.1621242
0	0	0.03793536	0.13740625	0.11223584	0.06385749	0.04349937
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.24604754	0.44621383	0.14261041	0.35775162	0.35011084
0	0	1.00E-04	0.02335706	0.00476477	1.00E-04	1.00E-04
0	0	1.00E-04	0.01965978	0.00700535	0.00817602	1.00E-04
0	0	0.01199267	0.00628804	1.00E-04	0.0075659	1.00E-04
0.036	0.02	0.36558363	0.5373182	0.33215276	0.51770846	0.4767705
0	0	0.52987469	0.47494394	0.85434987	0.87372945	0.71981316
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.0242059	0.03032719	0.02738579	0.0161459	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01499843	1.00E-04	0.00106721	1.00E-04
0	0	1.00E-04	0.03849029	0.01674048	0.00506268	1.00E-04
0	0	1.00E-04	0.03720543	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0330853	0.02036926	0.01935622	1.00E-04
0	0	0.1685802	0.19589148	0.21167907	0.18609245	0.31845145
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.01530213	0.01354562	0.01937545	0.04644238	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.00991788	0.11385757	0.09801032	0.10266902	1.00E-04
0	0	0.03803123	0.01489839	0.00647947	0.00608877	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00500948	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0023477	1.00E-04
0	0	0.13165626	0.06762518	0.06467842	0.09826191	1.00E-04
0	0	0.03793179	0.03950937	0.00864756	0.02892356	1.00E-04
0	0	0.01622315	1.00E-04	0.01159571	0.0057098	1.00E-04
0	0	1.00E-04	1.00E-04	0.00187674	1.00E-04	1.00E-04
0	0	0.71437063	0.61555575	0.41037645	0.39809544	0.86130989
0	0	1.00E-04	1.00E-04	0.01376709	0.01478972	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0097263	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00381496	1.00E-04
0	0	0.05316804	0.18777425	0.0810584	0.13874913	0.07484351
0	0	0.00983464	1.00E-04	1.00E-04	0.00399289	1.00E-04
0	0	1.00E-04	0.01807003	0.01728845	0.02077309	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00709193	1.00E-04
0	0	1.00E-04	0.0135465	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00380415	1.00E-04
0	0	1.00E-04	1.00E-04	0.00778003	0.00990653	1.00E-04
0	0	0.22920249	0.35514569	0.20647755	0.26612516	0.1250301
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00094201	1.00E-04
0.004	0	0.02950547	0.06164163	0.03704973	0.07498341	1.00E-04
0	0.004	0.05174744	0.14723294	0.09924511	0.10918901	0.15034216
0.004	0	1.00E-04	0.01872104	0.02055954	0.02939552	1.00E-04
0.008	0.004	0.39580112	0.52105218	0.3263213	0.58769195	0.49031289
0.048	0.037	1.55922175	1.85386777	1.70932946	1.7955	1.57332927
0.02	0.004	2.34720901	2.58198151	2.69856362	2.02736844	2.18486933
0	0	1.00E-04	0.01318194	0.01432613	0.00799318	1.00E-04
0.004	0	0.43050376	0.48816083	0.53385754	0.60328474	0.14392356
0	0	1.00E-04	1.00E-04	1.00E-04	0.00677774	1.00E-04
0	0	0.02302346	0.03598775	0.01162884	0.01076138	1.00E-04
0.008	0.004	1.841452	1.501855	1.14579818	1.45894702	2.31538145
0	0	0.01481804	0.00878511	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01300092	1.00E-04	0.01235334	1.00E-04
0.028	0.029	1.37233344	1.65401249	1.95347289	1.89674832	1.49487737
0	0	1.00E-04	0.00842278	0.0083594	0.01965205	1.00E-04
0.04	0.02	3.19635702	3.70077373	3.20360385	3.19478658	3.24122928
0.008	0.004	1.00E-04	0.00609583	0.01293706	0.01675541	0.11765916
0.004	0.004	0.10807326	0.28734705	0.28469759	0.33958547	1.00E-04
0	0	1.00E-04	0.00482589	0.01074729	0.00172115	1.00E-04
0.008	0.004	0.93331328	0.62028964	0.26401964	0.65687149	1.23334922

0.008	0	0.14206986	0.29255121	0.12935955	0.23017205	0.12630905
0	0	1.00E-04	0.07870651	0.02948949	0.02934862	1.00E-04
0	0.004	0.11329732	0.16391217	0.16749689	0.13313813	0.20015365
0.004	0.016	0.28681318	0.62372621	0.55092786	0.30291528	0.46933948
0.218	0.123	5.60975442	5.2036978	6.36774161	6.05086647	6.59133451
0.151	0.156	3.52824446	3.45593249	3.62931271	3.58297227	3.68870109
0	0	1.00E-04	1.00E-04	1.00E-04	0.02094123	1.00E-04
0	0.004	1.00E-04	0.02280247	0.0156245	0.05118386	1.00E-04
0	0	0.09079684	0.06037804	0.09711375	0.15626614	0.096577
0	0.004	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00498879	0.01102003	0.00176159	1.00E-04
0	0	1.00E-04	0.00796831	1.00E-04	1.00E-04	1.00E-04
0	0	0.0385677	0.06498104	0.10580666	0.14829751	0.03479086
0.052	0.045	0.91831358	1.3936613	1.38728663	1.33285744	1.24209299
0	0.004	0.14671323	0.2847564	0.2408558	0.27582198	0.03920743
0	0	1.00E-04	0.0122255	0.02926109	0.02838783	1.00E-04
0	0	0.00900232	1.00E-04	0.01941222	0.01034983	0.04018237
0.02	0.008	1.35483776	1.54174039	1.23956117	1.56081869	1.23849628
0.04	0.029	1.60926339	1.67333173	2.05879432	2.07669014	1.81344467
0	0	1.00E-04	1.00E-04	1.00E-04	0.00900147	1.00E-04
0	0	0.92912983	0.55300983	0.33932683	0.50038996	0.13442628
0.012	0.004	0.58591861	0.56550318	0.50686629	0.7231224	0.80122108
0.004	0.008	0.22683308	0.31197464	0.16889588	0.34496365	0.13657298
0	0	0.11498206	0.22317591	0.13007909	0.14786813	0.03613056
0	0	1.00E-04	1.00E-04	0.00162058	1.00E-04	1.00E-04
0	0.004	0.64857371	0.51028341	0.41333223	0.47849825	1.31410467
0	0	0.06444918	0.01716969	0.01095521	0.0135629	1.00E-04
0	0	1.00E-04	0.00839882	0.01373969	0.02298121	1.00E-04
0.016	0.025	1.0913973	1.17460225	1.22356486	1.34843698	1.03610345
0	0	1.00E-04	0.00621258	1.00E-04	0.00129614	1.00E-04
0.008	0.004	0.32627945	0.51224437	0.27485055	0.4582168	0.25988772
0	0	1.00E-04	1.00E-04	0.00546364	0.00968742	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00514707	1.00E-04
0	0	0.02301676	0.10042697	0.03174776	0.0253714	1.00E-04
0	0.008	1.02632526	0.95885501	0.60712715	0.74424299	1.06020314
0	0	0.07376363	0.14416815	0.03924504	0.04311938	0.05729727
0	0	1.00E-04	1.00E-04	0.00608037	1.00E-04	1.00E-04
0	0.004	0.05632195	0.01542126	0.00200798	0.00931582	1.00E-04
0	0	1.00E-04	0.00818318	1.00E-04	1.00E-04	1.00E-04
0.016	0.025	1.35814046	1.75129524	1.08536074	1.3053731	1.26582894
0	0	1.00E-04	0.12228663	0.16883684	0.1848494	1.00E-04
0.063	0.053	2.30175847	2.51345169	2.90852696	2.77386192	1.91280659
0	0.004	0.27037566	0.1870767	0.16543733	0.25040077	0.0806316

0	0.008	0.59221974	0.71128481	0.33862468	0.6046385	0.79060117
0	0	1.00E-04	1.00E-04	1.00E-04	0.00677454	1.00E-04
0	0	0.81350351	0.70908386	0.73431364	1.10717799	0.71995518
0	0	0.15543106	0.08741274	0.07666599	0.13865097	0.23061895
0	0	0.17750872	0.18138327	0.10926663	0.18977357	0.20931576
0	0.008	1.00E-04	0.05126554	0.02975382	0.06977253	1.00E-04
0	0	0.02520369	0.01140567	0.02029666	0.03223354	1.00E-04
0.004	0	0.28031972	0.36786648	0.65170939	0.75713968	0.16041849
0	0.004	0.01034761	0.004028	0.00982805	0.00116773	0.06395902
0	0.004	0.24684145	0.16543535	0.13119372	0.25957205	0.35426082
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.26819356	0.15934857	0.17775995	0.14969359	0.43701055
0.008	0	0.28311538	0.28394161	0.35172186	0.39452607	0.29391716
0	0	0.01764996	0.0136172	0.01996311	0.01807425	1.00E-04
0	0	0.58025641	1.1189283	0.39628151	0.5831375	0.09331933
0	0	1.00E-04	0.01162839	1.00E-04	0.00185425	1.00E-04
0	0.004	0.11964137	0.12404818	0.25507661	0.32551786	0.21687888
0.016	0.016	1.38962457	1.54850314	1.70784884	1.66196503	1.44638931
0	0	1.00E-04	1.00E-04	1.00E-04	0.00329788	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00479565	1.00E-04
0	0	1.00E-04	1.00E-04	0.0098018	0.02589747	1.00E-04
0	0	1.00E-04	0.08317361	0.0603553	0.12491245	1.00E-04
0	0	1.00E-04	0.0066585	0.00223387	0.00445619	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00126521	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0013452	1.00E-04
0.016	0.004	0.55550098	0.25576231	0.15499655	0.13925582	0.41691051
0	0	1.00E-04	1.00E-04	0.00195288	0.0087489	1.00E-04
0	0.008	0.23561893	0.09668232	0.14204357	0.17137132	0.59773087
0	0	1.00E-04	0.007815	1.00E-04	0.03243939	1.00E-04
0.004	0	0.64155938	0.6942032	0.57549247	0.63482698	1.06091357
0	0.012	0.01492872	0.06743493	0.04335941	0.09035364	1.00E-04
0.024	0.029	1.61391214	1.48312881	2.3503696	2.27349326	1.86295394
0.056	0.057	1.86181417	2.20157004	2.56698297	2.5551263	1.84593588
0	0	1.00E-04	1.00E-04	1.00E-04	0.00552727	1.00E-04
0	0	0.07669733	0.04589802	0.09368677	0.08819472	1.00E-04
0	0	1.00E-04	1.00E-04	0.01134655	0.04105082	1.00E-04
0	0	0.37214505	0.30963422	0.39026013	0.47097506	0.17610513
0	0	1.00E-04	0.00669823	0.01069833	0.01446266	1.00E-04
0.048	0.078	1.72193018	1.90630463	1.83094945	2.07347399	1.6909864
0.008	0.004	0.17423948	0.23542226	0.33406484	0.17805245	0.28753349
0	0	0.00893676	0.04255156	0.10456992	0.01867308	1.00E-04
0	0	0.15046225	0.12744133	0.05403429	0.09318716	1.00E-04
0	0	0.02730358	1.00E-04	0.02172697	0.01292749	0.04209384

0	0	0.03525565	0.09947725	0.0757778	0.13294919	0.11138823
0	0	0.0113199	0.06261793	0.07156205	0.06778407	0.19866895
0.004	0.004	0.02218405	0.09352658	0.07446475	0.08857721	0.12172669
0	0	0.07973871	0.18243094	0.07131105	0.12284947	0.18732735
0.024	0.016	1.20009738	1.56827255	1.28482209	1.24246622	2.11017529
0	0	0.00966433	0.0290201	0.03314679	0.05008455	1.00E-04
0.024	0.012	0.34576433	0.49469571	0.18579504	0.25651813	0.60291665
0	0	1.00E-04	1.00E-04	1.00E-04	0.00487767	1.00E-04
0	0	1.00E-04	1.00E-04	0.00456602	0.00484928	1.00E-04
0	0.004	0.0140616	0.09219333	0.07585554	0.04803797	1.00E-04
0	0	0.35205095	0.28590181	0.34346378	0.38489056	0.43600072
0.024	0.008	2.31153081	2.54977502	3.12023537	3.24588385	2.39030161
0	0	1.00E-04	0.02144212	1.00E-04	0.00167792	1.00E-04
0	0	0.14473987	0.20150612	0.19590742	0.18343236	0.1646829
0	0	0.27278626	0.2365447	0.16941262	0.16104409	0.13166521
0	0	0.12399218	0.16718041	0.14027514	0.11716507	1.00E-04
0	0.004	0.26277557	0.27261129	0.19163053	0.21684354	0.54491343
0	0	0.01828298	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.10777232	0.05868638	0.09115473	0.11662887	1.00E-04
0.008	0.008	0.60055353	0.44719937	0.9164854	0.85126726	0.94616817
0	0	0.63326376	0.84303177	0.70284086	0.72326998	0.3857632
0.056	0.045	1.0905951	1.30304518	0.9823823	1.30128605	1.13166891
0	0	0.12925796	0.0815463	0.03839531	0.04248708	1.00E-04
0	0	1.00E-04	0.00469703	0.02790589	0.00493964	1.00E-04
0.008	0	0.31138066	0.36141482	0.34653048	0.50851664	0.5639522
0	0	0.01023974	0.07054092	0.14940954	0.12100359	1.00E-04
0	0.004	0.02695435	0.06727557	0.05705568	0.06928105	1.00E-04
0	0	1.00E-04	1.00E-04	0.01093634	0.0148474	1.00E-04
0.02	0.025	1.16195576	1.27102584	1.31923569	1.62930474	1.55386809
0	0	1.00E-04	1.00E-04	0.00740917	0.00591987	1.00E-04
0	0	0.40374451	0.10591707	0.0887066	0.09629117	1.00E-04
0	0	0.07369266	0.04757615	0.01015978	0.01236784	1.00E-04
0	0	0.28114072	0.05760398	0.04436069	0.05125653	1.00E-04
0	0	1.83029555	0.75287256	0.41941439	0.47309632	0.02778234
0	0	1.25011124	0.37343937	0.18264434	0.19388658	0.16237703
0	0	0.02380739	0.02338972	0.00563639	0.00362705	1.00E-04
0.02	0.016	1.17910545	1.2917071	0.9725542	0.92671167	1.47879118
0	0	0.08446443	1.00E-04	0.00421618	0.0123867	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00599628	1.00E-04
0.008	0	0.53749844	0.44683803	0.46506541	0.32528588	0.65756001
0	0	0.05611001	0.15944795	0.26410831	0.09780602	1.00E-04
0	0	0.1451637	0.05031537	0.02773322	0.04925161	1.00E-04
0	0	1.00E-04	0.00517162	0.00613298	1.00E-04	1.00E-04

0.004	0	0.07324114	0.23130638	0.12508101	0.23213203	0.29416805
0	0	0.08704211	0.01037099	0.00692146	0.01450995	1.00E-04
0.044	0.049	0.4646719	0.81022561	0.49429354	0.71016598	1.11044869
0	0	0.16583969	0.12513248	0.0976511	0.23575211	0.40401631
0	0	1.00E-04	1.00E-04	0.02132471	0.01449528	1.00E-04
0	0.004	0.08912064	0.08731596	0.07862274	0.12343871	1.00E-04
0	0	1.00E-04	0.02050041	0.02016404	0.03425747	1.00E-04
0	0	1.00E-04	1.00E-04	0.00274262	0.00580834	1.00E-04
0.143	0.123	0.26410671	0.56097609	0.47766893	0.66160075	1.18653598
0	0	1.00E-04	0.01578211	0.08830872	0.02967657	0.03148474
0.016	0.012	0.03333497	0.1466568	0.1489995	0.14949614	0.06811906
0.012	0.008	0.20390808	0.1557151	0.0912994	0.09175062	0.46034836
0.071	0.045	0.68113359	0.568967	0.40132298	0.52932912	1.41661406
0	0	0.20152094	0.33152341	0.11562985	0.17941055	0.41376603
0	0	0.03121665	0.00962297	0.01440145	0.04032806	1.00E-04
0	0	0.01388745	0.00872129	0.00343445	0.0124271	1.00E-04
0	0	0.25590343	0.12897667	0.08587652	0.16999805	0.26940378
0	0	0.02646482	1.00E-04	0.01851503	0.00788032	1.00E-04
0	0	0.02682053	0.05430078	0.06430479	0.04757079	1.00E-04
0.004	0.004	0.03104325	0.02775125	0.01118959	0.00938475	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00353371	1.00E-04
0.012	0.012	0.04522701	0.04060509	0.03963191	0.05143719	0.03409116
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.004	0.02545545	0.11842615	0.04686484	0.05716075	0.63906494
0	0	0.19653884	0.00587502	0.0061346	0.00432375	0.04504739
0	0	1.00E-04	1.00E-04	0.00135338	1.00E-04	1.00E-04
0.095	0.049	0.2834762	0.50151271	0.3232124	0.36113367	1.09791703
0	0.004	0.08271673	0.02497134	0.03149424	0.05016219	0.11038137
0.004	0.012	1.67064525	1.72867846	1.20798139	1.51551186	1.79356143
0	0.004	0.00891359	0.02161111	0.02036289	0.01837079	1.00E-04
0	0	1.00E-04	0.0077895	0.00401499	0.00993126	1.00E-04
0	0	1.00E-04	0.02085531	0.00222788	0.00873444	1.00E-04
0	0	0.01430277	0.05396481	0.0343711	0.03449917	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	1.00E-04	0.00901238	0.01012809	0.01391663	1.00E-04
0.032	0.004	1.00E-04	0.02230825	0.02651748	0.03397762	0.08620641
0	0.004	1.00E-04	0.00730844	0.00664326	1.00E-04	1.00E-04
0	0	0.27509284	0.08153934	0.07459356	0.10595953	0.15835832
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.0734929	0.02642139	0.04212631	0.02838648	0.1916182
0	0	1.00E-04	0.01469518	0.00608803	0.01611996	1.00E-04
0	0	0.05561364	0.12779331	0.07651455	0.06870054	1.00E-04
0	0	0.05296423	1.00E-04	0.00381185	0.00550225	1.00E-04

0	0	1.00E-04	0.0052958	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.04013613	0.01683578	1.00E-04
0.008	0	1.00E-04	0.01606443	0.0587178	0.04267653	1.00E-04
0	0	0.02446264	0.01132542	1.00E-04	1.00E-04	1.00E-04
0	0	0.21327053	0.16707004	0.10940018	0.19172805	0.26696639
0.024	0.037	0.30817633	0.41852158	0.18869487	0.30289759	0.1945288
0.016	0	0.67244412	0.38498057	0.60691503	0.44321855	1.11557083
0	0	1.00E-04	1.00E-04	0.00209868	0.00631737	1.00E-04
0	0	0.07272619	1.00E-04	1.00E-04	0.00168846	0.40130711
0.012	0.012	1.00E-04	0.04673995	0.02394821	0.01396541	0.15274119
0	0	1.00E-04	1.00E-04	0.0022517	0.01502773	0.49876157
0	0	1.00E-04	0.00465024	0.02429152	0.00771762	1.00E-04
0.044	0.029	0.04772388	0.0800444	0.08329781	0.15569571	0.39258715
0	0	1.00E-04	1.00E-04	0.00712869	1.00E-04	1.00E-04
0.004	0.008	1.00E-04	0.01441795	0.0103856	0.02549954	0.25895084
0	0	0.03842178	0.00367331	0.06529057	0.13806818	0.9440549
0.012	0.008	0.12708708	0.21020262	0.04926167	0.09702258	0.12954588
0	0	0.03906424	0.03159924	1.00E-04	0.00666053	0.04768275
0	0	0.02031776	1.00E-04	1.00E-04	0.00144612	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.03234085	0.01631585	0.02742019	0.01994574	0.05744226
0.004	0.004	1.28457836	1.05398063	1.58597019	1.60977316	0.73266744
0.004	0	0.06059946	0.22728495	0.17697164	0.15693112	0.12877548
0.163	0.16	1.16485447	1.28085067	1.16887131	1.35016938	1.62286019
0	0	0.00832454	0.01062552	0.0322282	0.02486001	1.00E-04
0	0	1.00E-04	1.00E-04	0.0151168	0.01136731	1.00E-04
0	0	0.01918097	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.01145187	0.03363087	0.05045939	0.02297406	1.00E-04
0	0	1.00E-04	1.00E-04	0.00502736	0.00564269	1.00E-04
0	0	0.17597325	0.11023549	0.07985968	0.1748489	0.04625257
0	0	0.365044	0.3548838	0.28819068	0.37653828	0.58315159
0	0	1.00E-04	1.00E-04	0.00628227	0.02063558	1.00E-04
0	0	1.00E-04	1.00E-04	0.00901626	0.00770202	1.00E-04
0	0	1.00E-04	1.00E-04	0.0132089	0.01068788	1.00E-04
0	0	1.00E-04	1.00E-04	0.00399445	0.00494011	1.00E-04
0.04	0.041	1.87611923	1.61622949	2.15882946	2.22944043	2.53654259
0	0	1.00E-04	1.00E-04	1.00E-04	0.0018095	1.00E-04
0	0	0.02712878	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0180442	0.00174094	0.01047858	1.00E-04
0	0	0.01284076	1.00E-04	0.00613073	0.00377495	0.07446089
0	0	1.00E-04	0.01211169	0.00788278	0.01862804	1.00E-04
0.004	0.004	1.00E-04	0.0505502	0.02833483	0.02568404	1.00E-04

0.024	0.02	0.23802208	0.32236774	0.18618264	0.17795629	0.71251924
0.008	0.029	1.07029871	1.08101059	0.78993013	0.94948102	1.2474313
0	0	0.10346393	0.05585928	0.11222238	0.16409162	0.15899561
0	0	1.00E-04	1.00E-04	0.00241323	1.00E-04	1.00E-04
0.008	0.004	0.74759864	0.63560595	0.42348752	0.62643574	2.592456
0	0	1.00E-04	1.00E-04	0.01334086	0.00579777	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	0.00374926	0.0042025	0.00455095	1.00E-04
0.004	0	0.11323647	0.09708286	0.06662272	0.11559217	1.00E-04
0.004	0.004	0.57384856	0.71963016	0.5510073	0.62718213	0.94112479
0.016	0.033	1.80519648	1.83732089	1.46536694	1.6258116	2.11135497
0.008	0.012	0.18083836	0.15324867	0.06422467	0.08914111	0.47379663
0	0	0.00623631	0.01356649	0.01508748	0.01142473	0.19241161
0.083	0.061	2.76404877	2.68214843	3.3070195	3.21659349	3.32024778
0.004	0.004	1.00E-04	0.01708098	0.00969648	0.01782976	0.25417264
0.04	0.037	0.48140112	0.4787196	0.28345362	0.34868046	0.83528488
0.008	0.004	1.00E-04	0.04857609	0.03295501	0.03085324	1.00E-04
0	0	0.02106889	1.00E-04	0.01619903	0.01946844	0.03017846
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	1.00E-04	0.00366267	0.00464616	0.00670596	1.00E-04
0.004	0.004	0.20106762	0.24743008	0.49797496	0.10798506	0.41155031
0	0	0.05181738	0.00918219	0.02193344	0.02963731	1.00E-04
0	0	0.43366582	0.47188144	0.23098699	0.24998251	0.37194695
0.044	0.049	1.91896082	1.79010588	1.95139544	1.96734107	1.91014116
0	0.004	0.27618685	0.11024618	0.05934445	0.08747764	0.28478265
0	0	0.36132399	0.34020333	0.22223832	0.39918003	0.29665397
0	0	0.03103503	0.08366216	0.16082621	0.16405901	0.05978092
0	0	0.20117796	0.38380659	0.11887825	0.220136	0.41316062
0	0	1.00E-04	0.01531014	0.00600971	0.01987922	1.00E-04
0	0	0.03628279	0.01837626	0.02312438	0.02750586	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01300146	1.00E-04
0	0	0.24084696	0.26369414	0.54850534	0.55333689	0.05807334
0	0	1.00E-04	1.00E-04	0.00152864	0.00182549	1.00E-04
0	0	1.00E-04	1.00E-04	0.00517184	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00394233	0.00184882	0.00464926	1.00E-04
0	0	0.02764326	0.01627103	0.00171248	0.00214754	1.00E-04
0	0	1.00E-04	0.01480291	1.00E-04	0.00193358	1.00E-04
0	0	0.29791921	0.15870173	0.12560792	0.11079252	0.25425117
0.004	0	1.00E-04	1.00E-04	0.01040654	0.00860779	1.00E-04
0	0	0.13963077	0.048994	0.2881895	0.19042267	1.00E-04
0	0	1.00E-04	1.00E-04	0.01110681	0.01824166	1.00E-04

0	0	1.00E-04	1.00E-04	0.00983762	0.00542353	1.00E-04
0	0	0.02653033	1.00E-04	0.02689779	1.00E-04	1.00E-04
0	0	1.00E-04	0.11079536	0.09429457	0.13518817	1.00E-04
0.004	0.012	0.70626859	0.81457788	0.69284164	0.90101334	0.91358447
0.004	0.016	1.24961395	1.37850199	1.93863152	1.70895419	2.31775184
0.004	0.004	1.00E-04	0.10078416	0.01519574	0.03247752	1.00E-04
0.008	0.004	1.78567685	1.90942131	1.31839564	1.218222	1.40561561
0	0	0.0802442	0.27374881	0.35027004	0.29471168	0.59103831
0	0	0.03578074	0.01939855	1.00E-04	1.00E-04	1.00E-04
0	0	0.02952938	0.01710621	0.02776935	0.01698096	1.00E-04
0.024	0.02	2.16566105	1.94987771	1.79198099	2.05398076	2.78537216
0.004	0	1.00E-04	0.03741179	0.0182219	0.00272157	1.00E-04
0	0	0.07089641	0.05644792	0.01653993	0.01106674	1.00E-04
0.004	0.004	0.27956687	0.23277127	0.21403437	0.27918776	0.44682857
0	0	1.00E-04	0.04988964	0.02033856	0.00370419	1.00E-04
0	0.004	0.25183452	0.21280014	0.28506269	0.34295306	0.19305964
0	0	1.00E-04	1.00E-04	1.00E-04	0.00145386	1.00E-04
0	0	0.06291318	0.10856851	0.09317428	0.09658533	0.14541511
0.02	0.008	2.65045952	2.69977803	1.92172804	1.86317806	2.95146996
0	0.004	1.29389561	1.15016696	1.36513613	1.47676449	0.67943128
0.008	0.012	0.62269255	0.90120068	0.35410201	0.50862198	0.78453483
0.004	0	0.02246171	0.05183754	0.02665541	0.05303141	0.05188678
0	0	0.01199267	0.11410255	0.02158753	0.04005493	1.00E-04
0	0	1.00E-04	0.01172124	1.00E-04	0.0044726	1.00E-04
0	0	1.00E-04	0.02334219	0.01517145	0.00567611	1.00E-04
0	0	0.96731477	0.91116962	0.88937544	0.89421244	0.6753743
0	0.012	1.76658882	2.70316917	1.74966671	2.08235126	0.96737712
0.024	0.025	1.83460833	1.96007184	2.00090602	2.19969479	1.88240513
0	0	0.04915635	0.07786901	0.07709307	0.12468293	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0027118	1.00E-04
0.004	0.004	0.13964756	0.15381131	0.15228033	0.12324516	0.14009401
0	0	0.07732508	0.09280394	0.06364746	0.08796589	0.06082346
0	0	0.07090381	0.06569776	0.19209808	0.12446574	1.00E-04
0.004	0	0.31768227	0.57925565	0.25138422	0.37584672	0.27366224
0	0	0.21925515	0.27350735	0.30650084	0.35509188	0.19181518
0	0	1.00E-04	0.1135227	0.06658365	0.08379739	1.00E-04
0.04	0.049	0.54462931	0.79588866	0.66063125	0.81060337	1.2453311
0	0	1.00E-04	0.00652926	0.00269197	1.00E-04	1.00E-04
0	0	1.00E-04	0.02260268	0.02014013	0.05526815	1.00E-04
0.008	0.008	2.01465354	2.25550834	1.42969621	1.41983278	1.78962377
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.05456704	0.2968062	0.06507499	0.07405735	1.00E-04

0	0	0.19795926	0.20992494	0.19042956	0.24471107	0.58380187
0.008	0.004	0.49234056	0.50283275	0.28151814	0.2225537	1.28415454
0.008	0	0.7665299	1.00971073	0.41613707	0.40236592	0.59018496
0.024	0.012	0.92775896	1.34591328	1.08112101	1.08583556	0.91139892
0	0	1.00E-04	1.00E-04	0.00212847	1.00E-04	1.00E-04
0	0	0.05431703	0.15742956	0.04745836	0.0459103	0.05418941
0	0	0.01097722	0.02519474	0.056404	0.08552536	0.08120642
0	0.004	0.68006982	0.80661845	1.24220899	1.08446259	0.61070939
0.004	0	0.46200778	0.55141134	0.41574667	0.3685104	0.69278094
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.00132802	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00635358	1.00E-04
0.028	0.016	0.41099085	0.67325796	0.57813577	0.6831283	0.71680094
0	0	0.06663838	0.13004491	0.15644634	0.23347083	1.00E-04
0	0	1.00E-04	0.05287498	0.06294243	0.07632906	1.00E-04
0	0	1.00E-04	1.00E-04	0.00978538	0.00732195	1.00E-04
0.008	0.012	0.6321745	0.63581981	0.62107618	0.91795392	0.33970992
0	0	0.02507189	0.08703494	0.04918882	0.08356747	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02	0.025	0.32756838	0.34513177	0.44892035	0.58982063	0.39258381
0	0	0.84936083	0.48908605	0.58227563	0.74697462	0.73468199
0.004	0	1.39994959	1.08916059	0.91088757	1.28977067	1.20155695
0	0.008	0.99163992	1.09699529	1.31840628	1.46499615	1.59820002
0	0	0.81545494	0.97425109	1.0558637	1.06919373	1.24987694
0	0	0.06304301	0.06223586	0.03433669	0.03477727	1.00E-04
0	0	0.13264974	0.15018775	0.04698796	0.11036152	0.06851685
0.004	0.004	0.09052758	0.11269512	0.0576831	0.11687444	0.31824441
0	0	0.08431802	0.00990552	0.02179209	0.07128745	1.00E-04
0	0	0.13616646	0.21561671	0.10597847	0.14750816	1.00E-04
0	0	0.04413625	0.05756192	0.04233079	0.06427561	1.00E-04
0	0	0.02919208	0.08440353	0.01047927	0.03203127	1.00E-04
0	0.004	1.00E-04	0.04525299	0.05773069	0.05371718	1.00E-04
0	0	0.01128171	0.00528767	0.01152032	0.01486584	1.00E-04
0	0	0.18178897	0.21889479	0.095703	0.12554056	0.2694038
0	0.004	0.56600638	0.48969407	0.50913157	0.51894815	0.8605512
0	0.004	1.48200634	1.43894774	1.15102506	1.22592706	1.44228767
0	0	0.11729758	0.14284548	0.07103223	0.16542073	0.12652439
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.05773663	0.06556452	0.0637977	0.08942235	0.53239573
0	0	0.05440243	0.14454519	0.07340331	0.12441995	0.24766652
0	0.004	0.2031159	0.3004714	0.17115926	0.14430938	1.00E-04
0.004	0	0.3297902	0.33717663	0.32790509	0.29427583	1.07538482
0.004	0	0.29674983	0.27653031	0.27294616	0.31954174	0.66418561
0	0	1.00E-04	0.04322782	0.00496749	0.01256198	1.00E-04

0	0	1.00E-04	0.0315002	0.03602767	0.03245143	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.008	1.37758532	2.28254283	1.05155771	1.52853329	1.03980401
0	0.004	1.00E-04	0.05181626	0.02108674	0.04717664	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0014751	1.00E-04
0.004	0.012	1.54576721	1.86366453	1.09687592	1.46127457	1.37079014
0.004	0.008	0.47739362	0.46328757	0.3867911	0.38903893	0.66411952
0.004	0	0.04829299	0.14296444	0.07837161	0.13763922	1.00E-04
0	0	1.434632	1.30853263	1.34581874	1.4802308	0.47423143
0	0	0.35478561	0.43308526	0.21330495	0.19646908	0.36621518
0	0	1.00E-04	1.00E-04	0.00489924	0.0084517	1.00E-04
0	0	0.1223228	0.07482617	0.05243045	0.08449148	0.11594049
0.19	0.152	3.0337064	3.12470539	3.05515391	3.38007512	3.58486119
0	0.008	0.02954135	0.39068237	0.2009935	0.28721301	1.00E-04
0	0	1.00E-04	1.00E-04	0.00904485	0.0094238	1.00E-04
0	0.008	0.48192292	0.89409567	0.20274197	0.23404188	0.40408553
0	0	1.00E-04	0.01963244	0.00659535	0.02216944	1.00E-04
0.016	0.004	0.68904078	0.77887432	0.73345475	0.97237626	0.75728919
0.012	0.004	0.18860136	0.11308254	0.12834049	0.26463386	0.42157219
0.012	0.016	0.46192149	0.64305247	0.57458236	0.85010536	0.9978362
0	0	0.10075132	0.1533658	0.01626408	0.06228876	1.00E-04
0	0	0.01936162	0.10490145	0.05822377	0.04405822	1.00E-04
0.016	0	0.69766595	0.6714294	0.38546021	0.46997655	0.8548372
0	0	0.04902371	0.04709984	0.01785378	0.03370582	0.07832386
0	0	0.57221574	0.65985934	0.55752294	0.48216619	0.26831267
0.004	0	0.25232586	0.24128537	0.08758828	0.12308952	0.0410787
0	0.004	0.30563593	0.34165618	0.33228025	0.44924355	0.42407191
0	0	1.00E-04	0.00404332	0.00713427	0.00442878	1.00E-04
0	0	0.0671814	0.08773638	0.08539908	0.10514863	0.03604592
0	0	0.28741108	0.38689347	0.26407305	0.29268729	0.07849439
0	0	0.0691593	0.09977269	0.10104464	0.16244908	0.36332112
0	0	0.04163353	0.02622927	0.01773035	0.04606089	1.00E-04
0.004	0.008	0.26059084	0.31220392	0.24989347	0.20188646	0.26863987
0.004	0.004	1.40645359	1.37658353	0.69118008	0.79599945	1.13982653
0	0	0.02306453	0.00939739	0.03117567	0.02352315	1.00E-04
0.075	0.098	3.75495214	3.59109251	3.72467258	3.8554747	3.75485573
0	0	0.05014695	0.05892022	0.02797275	0.06916486	1.00E-04
0	0	1.00E-04	0.01406775	0.00984382	0.00239667	1.00E-04
0.016	0.012	1.1531786	1.22794675	0.85653647	1.1164938	0.5892511
0	0	1.00E-04	1.00E-04	1.00E-04	0.00192411	1.00E-04
0.004	0.008	0.04872508	0.01614788	0.0815833	0.12418511	0.07062081
0.008	0.004	0.49144327	0.40159547	0.26445312	0.40656304	0.64932512

0	0.004	0.29994294	0.2962902	0.27423808	0.4951428	0.64827895
0.032	0.033	0.80307134	0.78708229	1.15219233	1.19317344	1.00509684
0	0	1.00E-04	1.00E-04	0.01034166	0.00446505	1.00E-04
0	0	1.00E-04	0.01204888	0.01150339	0.01318429	1.00E-04
0	0.004	0.40059913	0.26939464	0.31250699	0.35627123	0.24665162
0.02	0.016	1.03373268	1.09775654	1.00172094	1.33820549	1.40768205
0	0	0.50252468	0.313602	0.12947332	0.19400305	0.24140918
0	0	0.02680098	0.03311565	0.08055969	0.05881411	1.00E-04
0	0	0.05988011	0.0729994	0.14986448	0.03710871	1.00E-04
0.004	0.008	0.88732755	0.9419094	0.91010513	0.89396776	0.81633175
0	0	1.00E-04	1.00E-04	0.00572477	0.00699354	1.00E-04
0.016	0.053	1.05658878	0.97554284	1.50896636	1.52224559	1.34935438
0	0	1.00E-04	0.0145351	0.01675216	0.00900905	1.00E-04
0	0.008	0.08515921	0.18337386	0.13243464	0.13671099	0.26383344
0	0	1.00E-04	0.00694838	0.00160744	1.00E-04	1.00E-04
0.008	0.016	0.87810466	1.04721469	1.01934727	1.26937228	0.84371988
0.056	0.033	2.38152884	2.56991195	2.22238938	2.10134962	2.20327011
0	0	0.09495805	0.03109461	0.02989064	0.00926905	0.14840083
0	0.004	0.01539131	0.03875226	0.10141934	0.13775593	1.00E-04
0.024	0.016	1.02002156	1.28620788	1.28082082	1.58277984	2.14018485
0	0	1.00E-04	1.00E-04	1.00E-04	0.00370418	1.00E-04
0	0	0.01874044	0.03951951	0.00896714	0.01340614	0.04344342
0	0	0.46394895	0.62560431	0.43016248	0.60743919	0.65351758
0.048	0.078	0.14322156	0.47208908	0.43760324	0.24977515	0.41861606
0.175	0.217	2.16717268	2.37506133	2.40048895	2.58094062	2.26063267
0	0	0.05084384	0.11737019	0.0316149	0.04048439	1.00E-04
0.016	0.02	1.44650478	1.67418583	1.79921201	2.03462157	1.72558235
0.004	0.012	0.11961183	0.15402861	0.17161697	0.13983124	1.00E-04
0	0	1.00E-04	0.01479042	0.03014907	0.04504409	1.00E-04
0	0	1.00E-04	0.04278424	0.02015888	0.00469362	1.00E-04
0.004	0.008	0.60949244	0.65369249	0.31027559	0.32602205	0.55234645
0	0	1.00E-04	0.0037365	0.02989036	0.02384168	1.00E-04
0	0	1.00E-04	0.01643577	0.01053187	0.00323131	1.00E-04
0.004	0.008	0.24869513	0.32426797	0.40467401	0.41951988	0.20197888
0	0	0.01135765	0.09634821	0.09279842	0.13640818	0.07808546
0.016	0.012	0.24911208	0.43855919	0.5698825	0.72968769	0.72157954
0	0	0.1643765	0.14689745	0.36540941	0.3981792	0.23457434
0	0	1.00E-04	0.00434337	0.01438922	0.02795225	1.00E-04
0	0	1.00E-04	0.03237816	0.0042376	0.01083726	1.00E-04
0.004	0	0.22903486	0.23054766	0.17370284	0.16532031	0.59770698
0	0	0.02774365	0.0639304	0.02787906	0.08394348	1.00E-04
0	0	1.00E-04	1.00E-04	0.0059961	0.02002641	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00885691	1.00E-04

0	0	0.05016613	0.08846335	0.09210076	0.09601595	0.09414848
0.012	0.012	2.32926075	2.51389984	2.74230453	2.33914264	2.28585187
0.004	0.004	0.01949546	0.0714301	0.04137355	0.0523298	0.21534119
0	0	0.09537373	0.04803511	0.03465394	0.08473024	0.13119175
0	0	1.00E-04	0.00415774	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01588185	0.01516742	0.0089448	1.00E-04
0	0	1.00E-04	1.00E-04	0.00237738	1.00E-04	1.00E-04
0	0	1.00E-04	0.02655125	0.01321779	0.02238041	1.00E-04
0.012	0.033	0.67007689	0.98363041	1.09219583	1.12554004	0.69010317
0	0	0.1335661	0.1206373	0.08989586	0.13470232	1.00E-04
0.004	0	0.10511646	0.22060666	0.16925335	0.21129858	0.1196196
0.008	0.008	1.25451939	1.26883203	0.85505473	0.87556999	0.42368056
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01622631	1.00E-04	0.00124246	1.00E-04
0	0.004	0.02703419	0.07197378	0.00905397	0.02887712	1.00E-04
0	0.004	0.12492548	0.15326424	0.14292171	0.20916823	0.14336577
0.008	0.029	0.13987646	0.29374769	0.08027179	0.13746843	0.27257159
0	0.004	0.0307398	0.03706405	0.07841021	0.03548538	0.4131507
0	0	0.03914549	0.04019327	0.00922168	0.02888265	1.00E-04
0.004	0.016	0.19851224	0.17788732	0.22620947	0.26873444	0.63631825
0.016	0.02	0.74092904	0.47769581	0.41208382	0.40919973	0.36945122
0	0	1.00E-04	0.01925813	1.00E-04	1.00E-04	1.00E-04
0.012	0.012	1.00E-04	1.00E-04	0.00853109	0.00104345	1.00E-04
0.012	0.012	0.79728254	1.50974448	0.47729959	0.59970712	1.01140486
0	0	0.00948326	0.01404355	0.01442679	0.01079441	1.00E-04
0	0	0.04356464	0.04134468	0.04169384	0.04721817	0.11398236
0.032	0.008	0.77574736	1.42737975	0.68248016	0.69954622	0.78150174
0.004	0	0.34789552	0.35438541	0.19641087	0.24120125	0.24529238
0	0	1.00E-04	0.05130967	0.01063927	0.03373367	1.00E-04
0.02	0.02	1.39414956	1.3852846	1.26279053	1.59826359	1.52838002
0.024	0.004	0.53606513	0.86588305	0.77833745	0.97806232	0.89725156
0	0.004	0.49688457	0.53809482	0.6059211	0.79900306	0.28403629
0	0	0.12002217	0.11871498	0.11193806	0.26066935	1.00E-04
0	0.008	1.23646329	1.61795436	0.80584733	1.01986272	1.07342066
0	0.004	0.09462026	0.09887508	0.02165907	0.06068006	0.0497916
0	0	1.00E-04	1.00E-04	1.00E-04	0.00351653	1.00E-04
0	0.008	0.51223665	0.57216382	0.30004373	0.36978644	0.20388349
0.004	0.004	0.33818129	0.34607638	0.36171758	0.5307588	0.44225048
0	0	0.47221298	0.66797269	0.26418278	0.29415203	0.18440906
0	0	1.00E-04	0.02332201	0.02472138	0.02777311	1.00E-04
0	0	1.00E-04	0.03612748	0.03782601	0.06982071	1.00E-04
0	0	1.00E-04	0.080903	0.07016932	0.07229059	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01148215	1.00E-04

0	0	1.00E-04	0.00520124	0.00434399	1.00E-04	1.00E-04
0	0	1.00E-04	0.00799608	1.00E-04	0.00862135	1.00E-04
0	0.004	0.15255385	0.2266223	0.27759337	0.33319338	0.3748397
0	0	1.00E-04	0.07625572	1.00E-04	0.00193698	1.00E-04
0	0	0.06612444	0.05907148	0.01465834	0.02569485	1.00E-04
0.012	0.004	0.32143696	0.29807099	0.14286945	0.18889321	0.2387256
0	0	1.00E-04	0.00363284	0.03292655	0.07146507	1.00E-04
0	0	1.00E-04	0.00579999	0.01036966	0.00639174	1.00E-04
0	0	1.00E-04	1.00E-04	0.0089465	1.00E-04	1.00E-04
0	0	0.01083557	0.02651376	0.01811875	0.00841654	0.07412278
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.04877218	0.03659036	0.10381287	1.00E-04
0	0	1.00E-04	0.07403518	0.10002817	0.06553796	1.00E-04
0	0	0.18426971	0.20754285	0.14843916	0.41532594	0.08806015
0	0	1.00E-04	0.02019468	0.00632349	0.00182852	1.00E-04
0	0	1.00E-04	0.02649591	0.01755132	0.03358829	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00333994	1.00E-04
0	0	0.06473339	0.0812781	0.05229143	0.07797838	0.07039817
0	0	0.0248158	0.13047033	0.14322605	0.207381	1.00E-04
0	0	0.16464465	0.03647448	0.01181059	0.00410491	0.11378645
0.004	0.004	0.15427764	0.14296706	0.18692656	0.16097233	0.3814003
0	0	0.09480542	0.09155575	0.02999965	0.01411226	0.09079833
0	0.008	0.09580726	0.12432088	0.11457964	0.12099801	0.27155351
0	0	1.00E-04	0.01903318	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00870132	1.00E-04	1.00E-04
0.008	0	0.22351587	0.21537875	0.07110526	0.1222177	0.20313595
0.008	0	0.4482057	0.24436643	0.25593158	0.36051328	0.28499811
0	0.004	1.00E-04	0.02114892	0.00407913	0.02082891	0.22689036
0	0.004	0.03110208	0.00935694	0.02748692	0.03937575	0.03567359
0	0.004	0.02404999	0.06220171	0.08472334	0.11706173	1.00E-04
0	0	1.00E-04	1.00E-04	0.00139841	0.01167931	1.00E-04
0	0	1.00E-04	1.00E-04	0.00399336	1.00E-04	1.00E-04
0	0	1.00E-04	0.02968986	0.00737906	0.02749424	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.014927	0.00835914	0.00434222	1.00E-04
0	0	1.00E-04	1.00E-04	0.00777073	0.03337484	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00147989	1.00E-04
0	0	1.00E-04	0.01514924	1.00E-04	0.00273031	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00322097	0.00697676	1.00E-04
0	0	1.00E-04	0.06501383	0.02381671	0.02471188	1.00E-04
0	0	0.02311188	0.0530606	0.02728918	0.05169336	1.00E-04
0	0.004	0.19468704	0.15540807	0.05682377	0.11371941	0.53041163

0	0	1.00E-04	0.01711246	0.0062798	0.02062541	1.00E-04
0	0	1.00E-04	0.01659027	0.02368996	0.01183631	1.00E-04
0	0	0.35351683	0.07473225	0.03833229	0.06359114	0.06430658
0	0	0.028144	0.04553624	0.00848545	0.01631614	1.00E-04
0	0	1.00E-04	0.03175771	1.00E-04	0.00413031	1.00E-04
0	0	1.00E-04	0.01560402	0.00327915	1.00E-04	1.00E-04
0	0	0.0090226	1.00E-04	0.00756167	0.00722319	1.00E-04
0	0	0.32670609	0.18081546	0.59511504	0.1564187	0.57579789
0	0	1.00E-04	1.00E-04	1.00E-04	0.00881695	1.00E-04
0	0	0.04446846	0.08305247	0.05637514	0.04864755	0.07805464
0.008	0	0.33866339	0.31268719	0.26213573	0.25734618	0.39213404
0.02	0.008	1.10795779	1.09656835	0.93813767	1.0018369	1.16716826
0.004	0	0.42672242	0.52411153	0.48104244	0.58189286	0.34873923
0.004	0	0.0525825	0.12429801	0.07425995	0.11106591	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00343747	1.00E-04
0	0	1.00E-04	1.00E-04	0.00204906	1.00E-04	1.00E-04
0	0	0.13267319	0.21398711	0.32986785	0.19151689	0.03884125
0	0.004	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01160752	0.00187998	1.00E-04
0	0.004	0.02942802	0.11978395	0.05334619	0.09242888	0.19546987
0	0.004	0.05531534	0.03551649	0.01409895	0.01623247	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00492042	1.00E-04
0	0	1.00E-04	0.01738694	0.0039279	0.00108756	1.00E-04
0	0	1.00E-04	0.01887509	0.04996067	0.05271159	1.00E-04
0	0	0.51457616	0.44868966	0.4983826	0.66728603	0.54480755
0	0	0.03201754	1.00E-04	0.01411115	0.01656132	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01069781	0.08133217	0.04051627	1.00E-04
0	0	0.00633849	1.00E-04	0.01395014	0.0306298	1.00E-04
0	0	1.00E-04	1.00E-04	0.03385995	0.01673484	1.00E-04
0.012	0.012	0.45845492	0.494379	1.10090714	0.76065169	0.79155564
0	0	1.00E-04	0.04318774	0.03196676	0.02181905	1.00E-04
0	0	0.03018412	0.02186536	0.05154976	0.04092529	0.13678939
0	0	1.00E-04	0.01301853	0.08474533	0.08051815	1.00E-04
0.008	0.008	0.53697774	0.56077386	0.51657273	0.61111064	0.49420845
0	0	1.00E-04	0.01289623	0.00400366	0.00349283	1.00E-04
0	0.004	0.25053465	0.10479755	0.02695473	0.05189699	0.14442776
0	0	0.01989406	0.14312862	0.08272827	0.08087974	1.00E-04
0	0	0.22379999	0.22793496	0.20200265	0.19901537	0.07441185
0	0	0.02472584	0.04195318	0.05314072	0.06293854	1.00E-04
0	0	0.03827244	0.02685075	0.03185776	0.04439225	0.17837109
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0	0	1.00E-04	1.00E-04	0.0107771	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00385385	0.00284496	1.00E-04
0	0	1.00E-04	0.01627342	1.00E-04	0.01627276	1.00E-04
0	0	0.09014257	0.0905974	0.07676366	0.097157	0.11903793
0.004	0.004	0.13456609	0.13764663	0.1239806	0.2009601	0.24182658
0	0	1.00E-04	0.00478911	0.00460248	0.00630352	1.00E-04
0	0	0.06346461	0.05252163	0.06497628	0.11288884	0.11447276
0.004	0	1.4953305	1.69195438	1.83422306	1.97382934	2.47889671
0	0	0.20879242	0.0793953	0.08834218	0.09002866	0.51028185
0	0	0.28045968	0.29509623	0.2352272	0.34399865	0.6019279
0.016	0.012	0.44254479	0.44208952	0.2846346	0.27545984	0.4428697
0.004	0	0.03959271	0.04027382	0.02653915	0.05915952	1.00E-04
0.004	0.012	0.48570277	0.54047518	0.76684857	0.84389957	0.69634345
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.056	0.037	1.08271189	1.25178993	1.48071935	1.46178559	1.91325767
0.008	0.008	0.56945546	0.58759537	0.54578395	0.69711158	0.65424445
0	0	1.00E-04	1.00E-04	1.00E-04	0.00706949	1.00E-04
0.008	0.004	0.59697601	0.60369908	0.73253026	0.73971661	0.64365259
0.008	0	0.38446191	1.78651067	0.42344147	0.78456254	0.53330442
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.004	0.6597507	0.56674802	0.29458034	0.332521	0.99570714
0	0	1.00E-04	0.02926283	0.0240451	0.02586824	0.29301575
0	0	0.03006041	0.01314374	0.01298132	0.01776219	1.00E-04
0	0	0.03380253	0.07440439	0.08431162	0.06734503	0.05764793
0	0	1.00E-04	0.00820511	1.00E-04	0.00212108	1.00E-04
0.004	0	0.39740884	0.44911592	0.21430819	0.23364193	0.58787434
0.012	0	0.55357244	0.75692125	0.39518602	0.61554318	0.64457461
0.004	0.008	0.49636261	0.46633934	0.6432651	0.779857	0.62515887
0.004	0	1.23471371	1.76442928	1.37462252	1.42593949	1.10722345
0.04	0.057	4.83612394	4.60593967	4.93488937	4.98474382	4.39203275
0.036	0	2.81643342	2.85820146	3.24590488	3.33407752	2.54512178
0	0	1.00E-04	1.00E-04	0.00450046	1.00E-04	1.00E-04
0	0	1.00E-04	0.01352683	0.00189845	1.00E-04	1.00E-04
0.012	0	0.43643248	0.59208993	0.72205006	0.73778072	0.67052202
0	0	0.06473595	0.04515085	0.04259037	0.03215204	0.20991343
0	0.008	1.00E-04	0.01102061	1.00E-04	1.00E-04	1.00E-04
0.016	0.049	0.09522484	0.1850963	0.13953412	0.15229088	0.36984046
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.99033445	1.3431626	0.68276512	0.90592568	1.61421078
0	0	0.01726673	0.05789239	0.04372306	0.08633669	0.37281727
0	0	0.0518414	0.03888558	0.04266372	0.08630814	1.00E-04
0	0	0.60213148	0.80402448	0.3103999	0.48566893	0.07649757
0	0.004	1.10404782	1.16605928	0.64949954	0.69964521	0.60645603

0	0	0.02205929	0.04004679	0.07614523	0.07078207	1.00E-04
0.004	0	0.27397342	0.43332643	0.13670555	0.1588792	0.08703576
0.004	0	0.05490951	0.01939391	0.05451705	0.05189796	0.13186721
0	0	1.00E-04	0.04479507	0.01220455	0.01388031	1.00E-04
0	0	0.01995943	0.06876649	0.02675286	0.0429425	1.00E-04
0	0	1.00E-04	0.14619567	0.0223868	0.06366029	1.00E-04
0	0	1.00E-04	0.00652329	0.01998579	0.03861252	1.00E-04
0	0	0.74586157	1.04038995	1.15265693	1.00392954	0.31141938
0.036	0.066	2.90371134	3.71338351	2.57020635	3.08289473	3.17761733
0.04	0.049	3.37977142	4.25524544	3.29867507	3.55491436	3.76582333
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00891578	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.06628922	0.05067258	0.08176484	0.17981065
0.02	0	0.31699587	0.36474601	0.45513621	0.47914777	0.2653259
0	0	0.04359626	0.03496109	0.06380343	0.0489114	1.00E-04
0.004	0	0.61677328	0.54335696	0.61686663	0.73488863	0.27051475
0	0	0.09956352	0.21295449	0.11388627	0.14550306	0.16927517
0.004	0	0.16510499	0.1257604	0.05154612	0.11581902	0.22317934
0	0	0.26815153	0.11555245	0.07396938	0.06174829	0.2118839
0	0	0.16767324	0.0848231	0.01562349	0.06723861	0.32680906
0.048	0.037	0.73875582	0.86159326	0.5657268	0.7147364	0.79519142
0	0	0.46585447	0.23331471	0.10630335	0.10909101	0.6374102
0.004	0	1.00E-04	1.00E-04	0.00194949	0.00123731	0.41025374
0	0	1.00E-04	1.00E-04	1.00E-04	0.00155682	1.00E-04
0	0	1.00E-04	0.02390933	0.00154185	0.00130947	1.00E-04
0	0	1.00E-04	0.04092648	0.02936342	0.01972066	1.00E-04
0	0	1.00E-04	0.02243084	0.03914471	0.03932287	1.00E-04
0.044	0.029	1.6966899	1.92077887	1.50700214	1.727918	2.12919822
0	0	1.00E-04	0.01442707	0.0110417	0.02480661	1.00E-04
0.008	0	0.26474975	0.35368288	0.25500553	0.39386514	0.91615543
0	0.004	0.25042985	0.13141374	0.048099	0.07868691	0.08210734
0.008	0.004	0.33041382	0.55248231	0.42987302	0.4882094	0.3518456
0	0.004	0.02695619	1.00E-04	0.01134057	0.04986422	1.00E-04
0	0.004	0.59015502	0.98646969	1.44761332	0.57835303	0.26945095
0	0	1.00E-04	1.00E-04	0.01517612	0.00412254	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00803332	1.00E-04
0	0	0.21348167	0.20945665	0.2550813	0.28055596	0.28528692
0	0	0.04956307	0.07513172	0.05111708	0.06660099	0.07212181
0.044	0.016	0.70634832	1.05816735	0.86058973	1.13642733	0.93480904
0	0	0.02853508	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02628001	0.00117269	0.00509214	1.00E-04
0.004	0	0.62235916	0.5205979	0.47826719	0.38299314	0.65285201
0	0	0.05280338	0.05394756	0.04465724	0.05469513	0.23712507

0.008	0.008	0.38711715	0.37376593	0.45616351	0.6068584	0.30805757
0	0	0.10196267	0.0812435	0.07613012	0.05506852	0.04209384
0	0	1.00E-04	0.00981408	0.00175084	0.02088378	0.10463848
0.02	0.008	0.52237207	0.58751047	0.95629711	0.88437996	0.83510343
0	0	1.00E-04	1.00E-04	1.00E-04	0.0023411	1.00E-04
0	0	1.00E-04	1.00E-04	0.00174625	1.00E-04	1.00E-04
0.032	0.02	1.73903864	1.78829704	1.82201431	2.00064229	1.81499478
0	0	0.00736478	0.03735481	0.01513694	0.02257512	1.00E-04
0	0	0.15351326	0.12044611	0.08264305	0.11967067	0.22178197
0	0	1.00E-04	0.00878236	0.01326235	0.03034135	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00352342	1.00E-04
0	0	1.00E-04	0.03050933	0.00192966	0.00829523	1.00E-04
0.004	0	0.16710083	0.16271118	0.29817668	0.42118905	0.15892625
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00926443	0.0041706	1.00E-04
0	0	0.01025184	0.02165161	0.0222191	0.02106775	1.00E-04
0	0	0.22841472	0.39224713	0.41329027	0.4829201	0.11173631
0	0	1.00E-04	1.00E-04	0.00269451	1.00E-04	1.00E-04
0	0	0.04971167	0.10356243	0.09911739	0.11923055	0.1587791
0.004	0	0.29193804	0.18771664	0.08512569	0.13090861	0.68713752
0.012	0.008	0.28036077	0.2761884	0.31481034	0.42745284	0.04444165
0	0	0.01150756	0.0212527	0.02025076	0.03505995	1.00E-04
0	0	1.00E-04	1.00E-04	0.02685438	0.03857097	0.0320294
0	0	1.00E-04	1.00E-04	0.02254785	0.01321416	1.00E-04
0	0	1.00E-04	1.00E-04	0.02613455	0.02598813	1.00E-04
0.044	0.053	1.00E-04	0.02591736	0.06917556	0.02223656	1.00E-04
0.099	0.086	1.00E-04	0.02191371	0.09263227	0.021812	1.00E-04
0	0	0.02568058	0.02894409	0.02851017	0.02306895	0.11123326
0	0	1.00E-04	1.00E-04	1.00E-04	0.0022253	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.02596111	0.17098553	0.06304172	0.07837019	1.00E-04
0	0	1.00E-04	0.06357995	0.05148443	0.04896068	1.00E-04
0.036	0.041	0.99797337	1.12115454	1.15942375	1.43360127	1.37900714
0.028	0.045	1.00E-04	0.08847719	0.01957793	0.01065209	1.00E-04
0	0	0.02257586	0.01745127	0.10958048	0.06540952	0.07869805
0	0	1.00E-04	1.00E-04	0.00223824	1.00E-04	1.00E-04
0	0	0.16853126	0.09998298	0.09683436	0.23455091	1.75253592
0.155	0.152	1.41685397	1.77750068	1.68579367	1.78424725	2.58816581
0.004	0.008	0.20551857	0.37552552	0.30109056	0.39779949	0.16787337
0	0	0.18619348	0.28020018	0.21001433	0.25037496	0.08603537
0	0	1.00E-04	0.00572062	1.00E-04	0.00227781	1.00E-04
0	0	1.35244655	1.34499886	1.83679165	1.88086019	1.1216936
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0	0	1.00E-04	1.00E-04	0.00896993	0.00138579	1.00E-04
0	0	0.02716219	0.02180069	0.03296437	0.00995816	1.00E-04
0.004	0	0.02648353	0.13696755	0.06283717	0.1120799	0.09442074
0.004	0	0.58092002	0.43091013	0.16748695	0.4142401	0.06851685
0	0.004	0.2609869	0.6580215	0.27667367	0.53027924	0.65909028
0	0	0.24270028	0.08452036	0.1095628	0.22615101	0.25487257
0	0	0.06939644	0.12336675	0.11641262	0.12963838	0.07756917
0.103	0.037	4.68640657	5.10029196	4.01722446	3.9569351	4.7322481
0	0	1.00E-04	0.0210694	0.01655911	0.04511499	1.00E-04
0.004	0	1.00E-04	0.02569912	0.01006182	0.02365965	1.00E-04
0	0	1.00E-04	1.00E-04	0.0073419	1.00E-04	1.00E-04
0	0	0.51268163	0.60148302	0.25045375	0.34806011	0.29647018
0.012	0.025	1.12687576	1.37488892	1.20664269	1.40101968	1.28826537
0	0	0.17679427	0.13017265	0.12681884	0.15344224	1.00E-04
0.016	0.033	0.01981881	0.0499985	0.05604518	0.10596439	0.38184606
0	0	1.00E-04	1.00E-04	0.00160834	1.00E-04	0.15334582
0.012	0.02	1.06814445	1.02303141	0.81951557	1.14652672	0.8652065
0	0	1.00E-04	0.01464012	0.00478245	0.00311979	1.00E-04
0	0	0.04447294	0.05829957	0.02417052	0.04483126	1.00E-04
0	0	1.00E-04	0.00459105	0.03229463	0.03728657	1.00E-04
0.004	0.004	0.57757713	0.50750432	0.73821324	1.02277293	0.44007194
0.012	0.029	0.01676109	0.0049863	0.02622367	0.02588242	0.4051884
0	0	0.1912241	0.05156902	0.01100746	0.04307393	1.00E-04
0	0	0.29922828	0.41668081	0.10797415	0.13358386	1.00E-04
0.024	0.008	0.54885316	0.7962279	0.53544992	0.89951011	0.72171072
0	0	1.00E-04	0.07205397	0.16498014	0.14999144	1.00E-04
0	0.004	0.03328111	0.08392293	0.06453076	0.07081126	0.22561963
0	0	0.50964761	0.44255362	0.26702929	0.36322926	0.66077619
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.34741221	0.39560201	0.23276725	0.36246644	0.16623002
0	0	0.24802517	0.03118365	0.0485358	0.01973128	1.00E-04
0.183	0.127	2.3341951	2.40019046	3.04055078	2.97211375	3.08848114
0	0	1.00E-04	1.00E-04	0.00565904	0.00507942	1.00E-04
0	0	0.0165796	0.01478259	0.01094973	0.01207348	1.00E-04
0.008	0	0.77530915	0.88709245	0.52826943	0.57809753	0.93785469
0	0	0.06540351	0.16272787	0.08818985	0.13071552	0.03567359
0	0	1.00E-04	1.00E-04	0.03989944	0.02780598	1.00E-04
0.016	0.02	0.39736621	0.38025635	0.34734081	0.59089847	1.20430651
0.016	0.008	0.60729471	0.68909179	0.55158698	0.74385795	1.20488563
0	0	1.00E-04	0.02338169	0.05163724	0.00718183	1.00E-04
0	0	0.00972753	1.00E-04	0.01053162	0.0017233	1.00E-04
0.012	0.012	0.79904698	1.29087032	0.91769596	0.95369052	0.84266241
0.06	0.033	1.59561099	1.76560579	1.59687964	1.75346519	2.00245148

0.044	0.029	1.04675192	1.37526869	1.4082656	1.56168582	1.45316307
0	0	0.46235588	0.32083567	0.22628825	0.31499988	0.37491921
0	0.004	1.00E-04	0.01182655	0.01479807	0.02487927	1.00E-04
0.004	0	1.09629704	0.77979212	0.82270545	1.16517529	0.43139624
0.004	0	0.01856953	0.15863676	0.13541053	0.23797194	0.05667114
0	0	1.00E-04	1.00E-04	1.00E-04	0.00271547	1.00E-04
0.036	0.033	2.30921803	2.44479376	2.20130291	2.46450202	2.31456666
0	0	0.06981559	0.10448122	0.05880679	0.06293016	1.00E-04
0	0	0.3613704	0.21520227	0.13881837	0.2345461	0.12143811
0.008	0	0.25499899	0.38433958	0.16351986	0.227103	0.04670181
0	0	0.08566872	0.14343634	0.06580042	0.11385816	1.00E-04
0.012	0	0.59901809	0.71404463	0.44101108	0.5181804	0.73288922
0	0.004	0.10105857	0.16189426	0.06438595	0.08136854	0.24261335
0	0	0.01723397	0.0778917	0.02315152	0.03518953	1.00E-04
0.008	0.008	0.01741348	0.15270904	0.127348	0.23703892	1.00E-04
0.004	0	0.02040765	0.11808893	0.06813876	0.09273223	0.08267434
0	0	1.00E-04	0.01158579	1.00E-04	0.00968321	1.00E-04
0	0	0.00932409	0.00643423	1.00E-04	0.0025682	1.00E-04
0	0	0.79477149	0.82527782	0.65287908	0.97965169	0.71009952
0.012	0.008	0.44821342	0.61033239	0.69930922	0.89194087	0.796503
0	0	0.03006766	0.00268158	0.00776447	0.00549845	0.11278745
0	0	1.00E-04	0.00419986	0.00820348	0.00806257	1.00E-04
0	0	0.61642764	0.66046398	0.51318447	0.74919632	0.33069993
0	0	1.00E-04	1.00E-04	0.00592086	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00123054	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.02437636	0.03063484	1.00E-04
0	0	0.05851131	0.14704798	0.17013475	0.14907243	0.11433433
0	0	1.00E-04	0.00517242	0.00210942	1.00E-04	1.00E-04
0.008	0.012	0.0357208	0.00464916	0.05320439	0.06709192	0.06851685
0	0	0.15373802	0.13579147	0.05315263	0.04816488	0.07339504
0.048	0.033	4.72339535	4.41165007	4.24389367	4.39581225	4.23370722
0.016	0.008	1.25899006	1.19914626	1.31039881	1.41510349	0.80051012
0	0	0.02625697	0.00387715	0.01729598	0.00760514	1.00E-04
0.052	0.033	2.06284609	1.84994928	2.24518257	2.16933252	1.97363518
0.004	0	1.00E-04	0.01700794	0.0103061	0.01866737	1.00E-04
0	0.004	0.0086933	0.16854995	0.10192347	0.13031275	0.32705845
0	0	0.04110143	0.04359606	0.04568794	0.04503557	0.25451363
0.036	0.033	1.12764584	1.16710266	1.20064192	1.53982771	1.26264383
0	0.004	1.00E-04	0.05353363	0.11767957	0.08198468	0.19105385
0	0	0.21602596	0.2263264	0.34870403	0.35517405	0.31033118
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.0030923	1.00E-04	1.00E-04

0.004	0.004	1.00E-04	0.04637136	0.01328808	0.02076859	1.00E-04
0	0	0.03987516	0.05988815	0.04001842	0.02593245	1.00E-04
0.008	0.008	0.92864273	0.94095145	0.63119247	0.69589281	0.34373178
0.008	0.004	0.27509361	0.46788507	0.15886508	0.15723562	0.23996824
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.04999695	0.01400562	0.03848123	1.00E-04
0	0	1.00E-04	0.00480293	0.0033339	0.00117192	1.00E-04
0	0	0.02199272	0.02967923	0.01582408	0.0053701	1.00E-04
0.008	0.004	0.0569728	0.04526421	0.03608116	0.03894974	0.06224252
0	0	1.00E-04	0.01578704	0.00748757	0.01108083	1.00E-04
0	0	1.00E-04	0.00883397	0.00659899	0.02603014	1.00E-04
0	0	0.04407131	0.19130004	0.16097855	0.20245035	0.0913376
0	0	0.21133912	0.15834374	0.23920621	0.22192119	0.25827489
0.004	0	0.06004964	0.12026828	0.11590669	0.11505857	0.13372468
0.012	0.004	0.58035846	0.80218043	0.51296223	0.68412932	0.77763376
0.004	0	1.00E-04	1.00E-04	0.02307887	0.01189156	1.00E-04
0.004	0	0.98922266	0.63391426	1.6011626	1.76315841	0.15918294
0	0	0.20736847	0.3063851	0.07706041	0.12165322	0.32001208
0.06	0.025	0.90959426	0.97955634	0.86789284	1.24322968	0.92190009
0	0	1.00E-04	1.00E-04	0.00163501	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01706276	0.01940493	1.00E-04
0.369	0.303	0.10567666	0.34790116	0.71644251	0.61337576	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.02583387	0.12563128	0.14146172	0.16678282	0.06042531
0	0	1.00E-04	0.01186907	0.0456364	0.03336783	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.01012954	0.03453266	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.00371382	0.01247604	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0030244	1.00E-04
0	0	1.00E-04	0.00789015	0.00349103	0.00295361	1.00E-04
0	0	1.00E-04	0.00917445	1.00E-04	1.00E-04	1.00E-04
0	0	0.18627736	0.13039423	0.06098209	0.06612127	0.33296198
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00257775	0.00927612	1.00E-04
0	0	1.00E-04	0.01584305	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.00139995	1.00E-04
0	0	1.00E-04	0.01070817	0.00922631	0.00689373	1.00E-04
0	0.004	0.01726373	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00648266	1.00E-04	1.00E-04	1.00E-04
0	0	0.03347953	1.00E-04	0.00334384	0.00324645	1.00E-04
0	0	1.00E-04	1.00E-04	0.00826727	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00445652	0.00993932	1.00E-04
0	0	0.09169568	0.05327597	0.06042378	0.11050329	0.04807674

0	0	0.24011124	0.15174404	0.15469678	0.24678475	0.28816537
0	0	1.00E-04	1.00E-04	1.00E-04	0.00112894	1.00E-04
0	0	0.03137054	0.03163515	0.02099398	0.01118689	1.00E-04
0	0	1.00E-04	1.00E-04	0.01026669	0.05789332	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00296611	1.00E-04
0	0	1.00E-04	0.02139552	0.01606438	0.03694697	1.00E-04
0	0	1.00E-04	1.00E-04	0.01087261	0.0199594	1.00E-04
0	0	1.00E-04	1.00E-04	0.00840911	1.00E-04	1.00E-04
0.008	0.008	0.89674937	0.93718344	1.13406608	1.31956032	0.60623721
0	0	0.10091148	0.04789311	0.08003634	0.08124973	0.06972104
0	0	0.57346284	0.4888631	0.76723655	0.80224304	0.50154841
0	0	0.08007567	0.14105918	0.08084063	0.12605048	1.00E-04
0.016	0.025	0.53373164	0.80058119	0.73509304	0.89746152	0.71419087
0	0.012	0.37839943	0.43210769	0.6222314	0.66808117	0.6770433
0	0	0.01867189	0.02089038	0.02513878	0.04283162	1.00E-04
0.008	0.004	0.17592002	0.26691584	0.37703372	0.31161269	0.10662083
0.012	0.041	1.00599569	1.23221719	1.10862146	1.13184766	1.00780619
0	0	1.00E-04	1.00E-04	0.02668323	0.06318258	1.00E-04
0	0.004	0.34552461	0.3310834	0.18075319	0.35103379	0.68401642
0.02	0.008	0.4626638	0.42651035	0.38852243	0.5267466	0.89031191
0	0	1.33787562	1.55815053	1.29946423	1.76038252	1.49555602
0	0	1.00E-04	1.00E-04	0.00245533	0.00406937	1.00E-04
0	0	0.04427334	0.14234056	0.0179544	0.01659848	0.13467952
0	0	0.01235745	0.04252046	0.01615262	0.02937382	0.03409116
0	0	1.00E-04	1.00E-04	0.00208493	0.00827747	1.00E-04
0.004	0.004	0.05334151	0.04440659	0.07196898	0.13155488	0.36339012
0	0	0.37627639	0.44427997	0.75500777	0.68091392	0.10069441
0	0	1.00E-04	0.02669714	0.04084402	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01476066	0.00516356	1.00E-04
0	0	0.08866081	0.2506692	0.06574653	0.07175079	0.0785195
0.004	0.004	1.61532028	2.62762499	1.23057146	1.26571743	1.02067572
0	0	1.00E-04	0.07033225	0.04914069	0.01376263	1.00E-04
0	0	1.00E-04	0.01129984	0.08459213	0.02700122	1.00E-04
0	0	1.00E-04	0.00696874	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01288603	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02480616	0.01703752	0.00501043	1.00E-04
0.008	0	1.62372293	1.31626425	1.67147518	1.79651139	1.64681901
0.032	0.049	1.334525	1.23801486	1.57470921	1.77231207	1.17249954
0.004	0.008	0.17327624	0.13811664	0.23118169	0.27687222	0.17542285
0.016	0.029	2.08774075	2.23296412	1.77217646	2.0872927	1.95374952
0	0	0.13801987	0.13309721	0.07205152	0.06800515	0.14207477
0	0	0.18525567	0.2433151	0.26090437	0.34250636	0.17262082

0	0	0.12047749	0.02155746	0.10070701	0.05417202	1.00E-04
0	0	0.08759774	0.16886387	0.10453527	0.11019294	0.07288116
0	0	1.00E-04	0.03549162	0.00340151	0.00850753	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00471575	0.00520261	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00158239	1.00E-04
0	0	0.00704869	0.07470687	0.03592431	0.03856986	1.00E-04
0	0	1.00E-04	0.02433381	0.01559985	0.00520674	1.00E-04
0	0	0.09262521	0.0652026	0.09668765	0.09353589	0.30580253
0	0	0.70675177	0.73695367	0.94524136	0.82126175	0.73400934
0.016	0.008	1.27354271	1.33318056	0.93871039	1.07973832	1.40986154
0	0	1.00E-04	0.01830505	0.03037697	0.0407997	1.00E-04
0	0	1.00E-04	0.00879344	0.01372468	0.01998894	1.00E-04
0.028	0.016	0.73162039	0.86401813	1.15716087	1.23838763	1.10458948
0	0.008	0.96304438	1.53780528	0.74645324	0.95443266	0.69788317
0.004	0.016	1.11402944	1.02592954	1.70809617	1.55434678	1.44032555
0	0	0.09370275	0.12872927	0.08459021	0.06124527	0.36532925
0.04	0.033	0.61898456	0.62980753	0.54471933	0.57932311	1.09900399
0	0	0.01270778	0.08186757	0.06247	0.08727088	1.00E-04
0	0	1.00E-04	0.0047342	1.00E-04	1.00E-04	1.00E-04
0	0	0.02253216	0.00937086	1.00E-04	0.00412946	1.00E-04
0.004	0	0.00926436	0.01972821	0.0337149	0.04115153	0.406396
0	0	1.17670755	0.81176261	1.56072163	1.30814412	0.78566267
0.063	0.057	3.76160328	4.24930808	3.38401235	3.74265949	3.27620142
0	0	1.00E-04	0.03031715	0.0692603	0.05930797	0.17396847
0	0	1.00E-04	1.00E-04	0.01480509	0.01362177	1.00E-04
0.004	0	0.15542037	0.19959175	0.36425296	0.26593436	0.17396288
0	0	1.00E-04	1.00E-04	1.00E-04	0.0010708	1.00E-04
0	0	1.00E-04	1.00E-04	0.00301643	0.00327107	1.00E-04
0	0	0.09405123	0.12502505	0.10622495	0.15339785	0.15298603
0	0	0.04918371	0.29177496	0.05846392	0.09135885	1.00E-04
0.02	0.033	1.89477912	2.37854397	1.58360778	1.86464794	1.79918846
0	0	0.02221675	0.12658083	0.0580384	0.12312533	0.26781636
0	0	0.4960445	0.78139121	0.21552552	0.18572201	0.26077688
0.008	0.008	0.1858531	0.42881757	0.27970553	0.46000072	0.72514201
0.004	0	1.50900127	1.49417804	1.97130419	2.04923021	1.64927338
0	0.012	1.00E-04	0.01046467	0.01796945	0.01440119	1.00E-04
0.004	0	0.07079554	0.06247928	0.04962594	0.10118065	0.35480704
0	0	0.08003661	0.02535367	0.00777705	0.02826665	1.00E-04
0.008	0.016	1.83771943	1.66187047	1.88436035	2.04091341	1.72586617
0.036	0.025	0.87196691	1.70570939	1.72459936	0.72415406	1.58512677
0	0	0.03583692	0.15948887	0.09863936	0.10020365	1.00E-04
0	0	0.04682676	0.01679969	0.00958913	0.01082198	1.00E-04

0.091	0.107	1.78516031	1.9782706	2.23480861	2.35483691	1.88321637
0	0	1.00E-04	1.00E-04	0.00616688	0.00692487	1.00E-04
0.032	0.02	0.73276578	0.8541101	0.87692149	1.01098907	1.00456108
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.10645187	0.04819305	0.06254492	0.05916798	1.00E-04
0	0	1.00E-04	0.05771539	0.03775891	0.03250049	0.13297023
0.032	0.025	0.79279758	0.87963266	0.80248712	0.99007478	0.56213597
0.004	0	0.01355222	0.14275447	0.24824306	0.07905537	0.23785441
0	0	1.00E-04	0.18232101	0.04966645	0.12126083	0.4429665
0	0	1.00E-04	0.04324176	0.01880601	0.03131921	1.00E-04
0	0	1.00E-04	1.00E-04	0.00475929	0.0009524	1.00E-04
0.004	0.008	0.01176692	0.00399179	0.05515852	0.06408748	0.19349015
0	0	1.00E-04	1.00E-04	1.00E-04	0.00284334	1.00E-04
0	0	1.00E-04	0.09861526	0.05979923	0.05585426	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	0.01348826	0.00890022	0.02012569	1.00E-04
0.056	0.057	2.54191438	2.60142003	2.55165336	3.00422688	2.58704929
0.02	0.029	1.08035184	1.12163382	0.93865669	1.14007649	1.33573026
0	0	1.00E-04	0.04735795	0.06299399	0.08444533	1.00E-04
0	0	0.06861994	0.15322051	0.08246698	0.09063751	1.00E-04
0.048	0.049	1.36427312	1.61807918	1.41721209	1.64138163	1.84999209
0	0	1.00E-04	0.05341485	0.02304704	0.03267828	1.00E-04
0.004	0	0.51187061	0.41498447	0.27095249	0.36444317	0.82162369
0	0	0.14773405	0.29943169	0.14981825	0.17044133	0.14462231
0	0	1.00E-04	1.00E-04	1.00E-04	0.00178995	1.00E-04
0.06	0.053	1.16779489	1.43093932	1.04233562	1.19451604	1.568682
0	0	0.26110314	0.17571754	0.33506306	0.36200315	0.38144893
0	0	0.05054334	0.05080971	0.04053882	0.03415888	1.00E-04
0	0	1.00E-04	0.02493405	0.01743658	0.00732302	1.00E-04
0	0	0.07271789	0.08778731	0.04981432	0.06634864	0.10900262
0	0	0.03684181	0.02305371	1.00E-04	1.00E-04	1.00E-04
0	0	0.20093833	0.29611592	0.08990353	0.07116878	0.11794716
0	0	0.02298162	0.00523311	0.04138258	0.03004894	1.00E-04
0.024	0.033	1.11693909	1.19169416	2.18220644	1.38581767	1.53497833
0	0	0.20451771	0.05648997	0.12049956	0.20253332	0.28901829
0	0	0.10333341	0.27822283	0.16976639	0.18139916	0.1281671
0.254	0.266	2.64845077	2.98895319	3.0437502	3.4119287	3.04684276
0	0	0.02263788	1.00E-04	0.00342407	0.00190404	1.00E-04
0	0	0.0443119	0.0909729	0.02913032	0.05527302	1.00E-04
0.004	0.016	0.63080756	1.05537595	0.7835035	1.14820698	1.01209755
0	0	1.90059824	2.65899763	1.16979147	1.33501518	0.67594629
0	0	0.18299917	0.23850618	0.09704353	0.0845924	1.00E-04
0	0	0.02705426	0.05683361	0.03890778	0.02951866	1.00E-04

0	0	0.07674321	0.12080472	0.08582978	0.22808806	1.00E-04
0.008	0	0.62791194	0.88822131	1.13378112	1.15054219	0.09201644
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	1.17838913	1.44707663	0.3811092	0.44776691	0.56950802
0	0	0.46455373	0.77042582	0.88786166	0.77871825	0.17756944
0	0	0.34619864	0.13722967	0.15221041	0.10933104	0.04764173
0	0.004	0.07870683	0.06757316	0.03730614	0.0462369	1.00E-04
0	0	0.10500351	0.08735137	0.16447597	0.08947623	1.00E-04
0	0	1.00E-04	0.00357948	1.00E-04	0.00431048	1.00E-04
0.008	0	0.78958817	1.15414081	0.63461989	0.96445937	0.80677861
0	0	0.45093336	0.74943856	0.48248212	0.75490728	0.45343504
0	0	1.00E-04	0.04740778	0.02675331	0.03604138	1.00E-04
0.012	0.02	0.27672457	0.42733311	0.4121793	0.63684598	0.38634046
0	0	0.54939733	0.49470572	0.53870204	0.50121377	0.2331862
0.012	0.008	0.09383028	0.10925803	0.08434662	0.11462632	0.27694581
0	0	0.07047266	0.02949073	0.04675703	0.03274423	0.14884575
0	0	0.33968334	0.46852292	0.49113723	0.13127659	0.08669234
0	0.008	0.38567503	0.62246844	0.35129442	0.51710743	0.43921901
0	0	1.00E-04	0.00911681	0.01942367	0.0043182	1.00E-04
0.016	0	0.41452125	0.51124333	0.54229424	0.7999439	0.6380599
0	0	1.00E-04	0.02623783	0.00464995	0.01447162	1.00E-04
0	0	1.00E-04	0.01869811	0.01013078	0.02158074	1.00E-04
0	0.004	0.11370058	0.1606357	0.05854537	0.063725	0.04722741
0	0	0.15625742	0.34445556	0.18943605	0.21833579	0.18487326
0	0	1.00E-04	1.00E-04	1.00E-04	0.00213719	1.00E-04
0	0	1.00E-04	1.00E-04	0.01570339	0.01614425	1.00E-04
0	0	0.11016124	0.26759895	0.09605135	0.13693653	1.00E-04
0	0	1.00E-04	0.05595034	0.00933733	0.02108125	1.00E-04
0	0	1.00E-04	1.00E-04	0.00232329	0.00655124	1.00E-04
0.008	0	0.04460576	0.03737897	0.05785461	0.08914914	1.00E-04
0	0	0.06922586	0.00374884	0.00806046	0.02483082	1.00E-04
0	0.008	0.09152801	0.15781859	0.09168509	0.13612957	0.26312282
0	0	0.01861372	0.02268473	0.01619772	0.00180437	0.11862465
0.004	0	1.00E-04	0.08601141	0.12242995	0.01874893	0.39704942
0	0	0.09602663	0.0665138	0.13066785	0.13122659	0.14323672
0	0	1.00E-04	0.00372772	0.01595493	0.0340379	1.00E-04
0	0	1.00E-04	1.00E-04	0.00162131	0.00547779	1.00E-04
0	0	1.00E-04	1.00E-04	0.00371986	0.00929847	1.00E-04
0	0	0.1732804	0.2899684	0.12117128	0.22859062	0.12279443
0.028	0.025	2.30631893	1.9696919	1.59718524	1.75815598	2.56521989
0.044	0.057	1.84668841	2.06029103	1.80618256	2.08160059	1.9340858
0	0	1.00E-04	1.00E-04	1.00E-04	0.00396965	1.00E-04
0	0	1.00E-04	0.00626399	0.00889234	0.00720073	1.00E-04

0.024	0.008	0.8055053	0.85189953	0.44463416	0.59184649	0.38184981
0.004	0	0.41012817	1.06005682	0.51317411	0.44294224	0.1876226
0.008	0.012	0.27772851	0.3982108	0.80822464	0.96465684	0.63415149
0.016	0	0.48218581	0.707883	0.77752511	0.67558141	0.72068719
0	0	0.04239955	0.03668931	0.00939784	0.03749854	1.00E-04
0	0	1.00E-04	1.00E-04	0.0358631	0.05158064	1.00E-04
0	0.004	0.06720572	0.08460316	0.25869808	0.12994876	0.1654756
0.004	0.012	0.42048904	0.33327713	0.72910007	0.57679282	0.30543352
0	0	0.25149069	0.1730996	0.25778539	0.33308121	0.19411145
0	0	0.65621628	0.63746804	0.69457395	0.82074796	0.42227378
0.008	0	0.2635368	0.40255966	0.43758481	0.43719273	0.03912104
0.016	0.012	2.60750759	3.08570369	2.45870969	2.91140252	2.77070478
0	0.004	0.04145774	0.06394037	0.05305492	0.06125225	0.16820161
0	0	0.0562128	0.12957431	0.12068079	0.17201837	0.21459219
0	0	0.28821759	0.03280168	0.00727486	0.01161286	1.00E-04
0.004	0	0.0978272	0.14013451	0.15871864	0.28295441	0.48637318
0	0	1.00E-04	0.00334372	1.00E-04	1.00E-04	1.00E-04
0.012	0.008	0.5282199	0.6945777	0.7652558	0.73457913	0.9149446
0.075	0.045	1.96441	2.4062974	2.78370077	2.5512231	2.47442123
0.464	0.484	5.09991417	5.49586091	5.88959701	5.80564606	5.27752314
0.06	0.074	3.54470495	3.27667744	3.73454048	3.82042274	3.1366351
0	0	0.02106897	0.02916719	0.04644824	0.04577178	1.00E-04
0	0.004	1.00E-04	0.01232104	0.00578612	0.01145316	1.00E-04
0	0	1.00E-04	1.00E-04	0.01634625	0.02017366	1.00E-04
0	0.004	0.07979182	0.26996345	0.32028397	0.3653089	0.2258137
0	0	1.00E-04	1.00E-04	1.00E-04	0.00892426	1.00E-04
0	0	0.57127909	0.48098758	0.98043252	0.75460682	0.30390737
0.008	0.004	0.16670046	0.20301858	0.09198173	0.11342767	0.20704798
0.008	0.029	1.28480622	0.98438499	0.97890902	1.13807739	1.3843579
0.004	0	0.17769918	0.31333328	0.07615836	0.07247683	0.29509669
0	0	1.00E-04	1.00E-04	1.00E-04	0.00484439	1.00E-04
0	0	0.05909932	0.0289292	0.03589022	0.03324681	0.08779737
0	0	1.00E-04	0.00330566	0.01650885	0.00417664	1.00E-04
0	0	1.00E-04	0.00429095	0.01010903	0.01358252	1.00E-04
0.016	0.004	0.7316044	0.55164077	0.68875948	0.52053316	1.37954413
0.159	0.102	2.5463649	2.81707975	3.59100252	3.41520761	2.54123964
0.004	0	0.10907271	0.10506115	0.19053715	0.29078826	0.09391588
0	0	0.08423139	0.14840066	0.12216731	0.05432323	0.06077541
0	0	0.65909571	0.39761098	0.39451811	0.64717541	0.46155765
0	0	1.00E-04	0.03057249	0.00106794	0.00437393	1.00E-04
0	0	1.00E-04	0.04582158	0.00674635	0.01910398	1.00E-04
0.167	0.18	0.36950998	0.54358447	0.53231163	0.68220298	1.48234835
0	0	0.22737463	0.38434545	0.37504829	0.43914317	0.22086902

0.06	0.066	2.66296684	2.93032334	3.42676388	3.33079014	2.96528797
0	0	1.00E-04	0.01033618	0.00482075	0.00536934	1.00E-04
0.004	0.008	0.31983746	0.35718668	0.5929897	0.63013887	0.16015154
0.008	0	1.00E-04	0.07407009	0.04203806	0.07757298	0.07667977
0.004	0	1.00E-04	0.04548614	0.01212807	0.01519047	1.00E-04
0.004	0	0.28748619	0.30020324	0.29141375	0.36271399	0.29079266
0	0	0.153811	0.15561906	0.12369493	0.20272371	0.25130405
0	0	0.13866027	0.11251726	0.11530924	0.13048077	0.29532834
0	0	1.05045253	1.14317638	0.8069317	0.95054811	1.57035174
0.024	0.004	0.53456861	0.49242236	0.29659683	0.32002929	0.85555585
0.012	0.004	0.47292283	0.73631298	0.54856554	0.73033603	0.82751006
0.052	0.053	1.27782653	1.40341115	1.2815718	1.46409408	1.70773654
0.004	0	0.04773544	1.00E-04	0.01265156	0.00727867	1.00E-04
0	0	1.00E-04	0.11955749	0.01906426	0.00581715	1.00E-04
0	0	1.00E-04	1.00E-04	0.01375415	1.00E-04	1.00E-04
0.004	0	0.02950077	0.04250523	0.05944531	0.09975728	0.07263643
0	0	1.00E-04	0.04962336	0.02666591	0.05278647	1.00E-04
0	0	1.00E-04	0.00908175	1.00E-04	1.00E-04	1.00E-04
0	0	0.08227319	0.11224139	0.04644247	0.05156908	1.00E-04
0.262	0.299	2.83488426	2.76668951	2.7541345	2.97392578	2.85694584
0	0	1.00E-04	1.00E-04	0.03254603	0.0271046	0.13939015
0	0.004	1.00E-04	1.00E-04	0.00161888	0.00450761	1.00E-04
0.004	0	1.00E-04	0.0483389	0.04960351	0.04204652	1.00E-04
0.004	0	0.11822045	0.12061137	0.07296621	0.07720294	1.00E-04
0	0	1.00E-04	1.00E-04	0.00168597	1.00E-04	1.00E-04
0	0	0.02460801	0.08343074	0.06486889	0.11283264	1.00E-04
0.004	0.004	0.74442267	0.58960679	1.16220787	1.15748249	0.4052508
0.004	0	1.24190723	1.16869131	1.3232819	1.80069673	1.31639138
0	0	0.54552084	0.43521673	0.1864968	0.30709054	0.0320294
0	0.004	2.21284507	2.55873497	1.89011323	2.4590525	1.7593626
0.02	0.025	1.51510995	1.48277432	1.10023648	1.21295184	1.278459
0	0	0.11082129	0.15359047	0.07109165	0.05193657	0.16700561
0	0	0.03103381	0.01382568	0.01686536	0.02026995	1.00E-04
0.024	0.049	2.58460762	2.52938158	2.97785579	3.10160571	2.68876361
0	0	0.05640994	0.05522557	0.04943468	0.09368668	1.00E-04
0.004	0.016	0.02623069	0.01207834	0.02975642	0.09333264	1.00E-04
0	0	1.14135592	0.81724657	0.82204598	0.73255491	0.5762949
0.004	0.008	0.07988965	0.1209235	0.07799603	0.13303117	0.14850785
0	0	0.66313777	0.45467386	0.33625674	0.33198375	0.19951134
0	0	1.00E-04	0.00263789	0.02221736	0.02923131	1.00E-04
0	0	0.04346738	0.14031599	0.05211498	0.04047758	1.00E-04
0	0	1.00E-04	1.00E-04	0.00207054	1.00E-04	1.00E-04
0	0	0.06128558	0.05592226	0.08328033	0.13553549	1.00E-04

0	0	1.00E-04	0.06155077	0.00614385	0.00119849	1.00E-04
0	0	1.00E-04	0.09190559	0.096257	0.12708372	0.15832204
0.004	0.012	0.12083948	0.13870487	0.70939714	0.16776308	0.60653674
0	0	1.00E-04	0.02400372	0.0040372	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00274723	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.03089509	0.00106567	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00598888	0.00122261	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00509567	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0088032	1.00E-04
0	0	1.00E-04	0.0025438	0.02591565	0.06611214	1.00E-04
0	0	0.03391028	0.01841655	0.02003185	0.02835188	1.00E-04
0	0	0.09707479	0.09707276	0.06402502	0.05905242	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0015622	1.00E-04
0	0	1.00E-04	1.00E-04	0.03672588	0.04388409	1.00E-04
0	0	0.06480858	0.06952901	0.08468446	0.10361188	0.07969306
0.004	0.008	1.27772014	1.41620153	1.26692953	1.14586532	1.54083322
0	0	1.00E-04	0.00807228	0.05400587	0.04199101	1.00E-04
0	0	1.00E-04	1.00E-04	0.01538769	0.00082015	1.00E-04
0	0	1.00E-04	1.00E-04	0.01091993	0.01810234	1.00E-04
0	0	1.00E-04	0.03316809	0.00642443	1.00E-04	1.00E-04
0	0	1.00E-04	0.00968537	0.03233409	0.04786668	1.00E-04
0	0	1.00E-04	1.00E-04	0.00138255	0.00559833	1.00E-04
0.004	0	0.03012752	0.0089478	0.02224932	0.0242368	0.12375015
0	0	1.00E-04	0.01242711	0.0154921	1.00E-04	1.00E-04
0.008	0.008	0.41413541	0.41707806	0.62245618	0.75981193	0.68168564
0	0	0.53832867	0.04874762	0.01854818	0.00734742	0.5236183
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0534874	0.07165968	0.10742423	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.04616964	0.08037971	0.0249364	0.04855032	1.00E-04
0.004	0.008	0.41648854	0.40624804	0.36400707	0.40678352	0.37448621
0	0	1.00E-04	1.00E-04	0.01446148	0.00889196	1.00E-04
0	0	1.00E-04	0.0122082	1.00E-04	0.00222869	1.00E-04
0	0	0.02823877	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.004	0.11380382	0.17990086	0.19181311	0.2360399	0.03514133
0	0	1.00E-04	0.04109602	0.02990085	0.05415838	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.01635196	0.03834334	0.03142434	0.01838911	1.00E-04
0	0	1.00E-04	1.00E-04	0.01979692	0.00741592	1.00E-04
0	0	1.00E-04	0.01332767	1.00E-04	0.01768348	1.00E-04
0	0	1.00E-04	0.00528376	0.00557905	0.00557484	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00547541	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.05947363	0.05466809	0.05825378	1.00E-04
0	0	0.02674451	0.00332901	0.01832063	0.02354986	1.00E-04
0.004	0.008	0.4575774	0.18441674	0.30678921	0.34893808	0.23005821
0	0	1.00E-04	0.12849231	0.02397785	0.01929019	1.00E-04
0	0.016	0.71155553	0.87859889	0.81212603	1.04690543	1.12851059
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.2805615	0.24727839	0.42126054	0.3167559	0.28200344
0.004	0	1.00E-04	0.00405859	0.01773626	0.00765339	1.00E-04
0	0	0.26939836	0.22861539	0.38240908	0.50795471	0.12335738
0	0	1.00E-04	1.00E-04	0.00239818	0.00229076	1.00E-04
0	0.004	0.26418034	0.37109546	0.59227283	0.67669719	0.15061999
0	0.004	0.06241711	0.09566596	0.20196793	0.16604789	0.06611843
0	0	1.00E-04	0.003005	0.02105146	0.01529824	1.00E-04
0	0	0.01292273	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.29461131	0.20379481	0.11215895	0.18326725	0.1703719
0	0	1.00E-04	1.00E-04	1.00E-04	0.00168499	1.00E-04
0	0	0.01196432	0.03075848	0.00649032	0.00720348	0.05663174
0	0	0.02090756	0.03909738	0.01252476	0.0195821	1.00E-04
0	0	1.00E-04	0.02712917	0.00422913	0.00359714	1.00E-04
0	0	1.00E-04	0.02451647	0.03420256	0.27206663	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00616989	0.00317857	1.00E-04
0	0	0.01790621	0.12637282	0.03850795	0.01933374	0.12129395
0	0.004	0.03824414	0.04407787	0.02359199	0.0108041	1.00E-04
0	0	1.00E-04	0.00347273	0.00268844	0.00210758	1.00E-04
0	0	1.00E-04	0.02941447	0.03643678	0.09830568	1.00E-04
0	0	1.00E-04	1.00E-04	0.00351397	1.00E-04	1.00E-04
0	0	1.00E-04	0.01731349	1.00E-04	1.00E-04	1.00E-04
0	0	0.03178851	0.06574689	0.14107893	0.44635925	1.00E-04
0	0	1.00E-04	0.07602251	0.0123213	0.01789008	1.00E-04
0	0	1.00E-04	0.01022992	0.00728077	0.00282954	1.00E-04
0.004	0.004	0.01050268	0.06499527	0.08800764	0.09144315	0.18719835
0	0	0.05618886	0.08333172	0.08123849	0.05714559	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.07087249	0.05015956	0.17192077	0.11128311	0.05058647
0	0	1.00E-04	0.01248352	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01402837	0.03552395	1.00E-04
0	0.004	1.00E-04	0.02545901	0.00407035	0.01008692	1.00E-04
0	0	0.14131049	0.21146367	0.0459461	0.10697158	1.00E-04
0	0	0.02543985	0.08565335	0.0169539	0.01405385	1.00E-04
0	0	0.01898809	0.02353371	0.00651604	0.00633533	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00397699	1.00E-04

0	0	1.00E-04	0.00998303	1.00E-04	0.01959776	1.00E-04
0	0	1.00E-04	0.03833369	0.01663666	0.0518955	1.00E-04
0.008	0.025	0.02562058	0.05461263	0.0382726	0.04688117	0.60221757
0.008	0.012	0.11796659	0.32099539	0.23144089	0.34760705	0.17819505
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03748236	0.07102502	0.0616543	0.0777445	1.00E-04
0	0	1.00E-04	0.00383975	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02589671	0.00470782	0.02152482	1.00E-04
0	0	1.00E-04	0.00932749	0.01861093	0.02891798	1.00E-04
0.004	0	0.2654302	0.43702354	0.84277699	0.57502228	0.72853593
0	0	0.05201976	0.13605632	0.12330097	0.07991402	1.00E-04
0.028	0.016	0.79063204	0.73856814	0.77798202	0.88586252	0.80185896
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02541875	1.00E-04	0.00439179	1.00E-04
0	0	1.00E-04	0.01891905	0.01489157	0.04810443	1.00E-04
0	0.008	0.65530601	0.7328274	0.40205423	0.52732177	0.62311768
0	0	1.00E-04	0.01707644	0.03002193	0.02077789	1.00E-04
0	0.004	0.32662359	0.50546566	0.36776718	0.50664291	0.51340464
0	0	1.00E-04	1.00E-04	0.00432815	0.00366323	1.00E-04
0	0	0.51132911	0.59060651	0.30445965	0.40457278	0.90795153
0	0	1.00E-04	0.08673692	0.03338941	0.01921503	0.07696112
0	0.004	0.24487546	0.32976429	0.12231429	0.11352726	0.34608669
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.06472329	0.1888021	0.05798899	0.14473136	0.3845972
0	0	1.00E-04	1.00E-04	0.00464013	0.00598452	1.00E-04
0	0	0.08986356	0.04093365	0.00464382	0.02926856	1.00E-04
0	0	0.0253263	0.10635115	0.05592715	0.10940708	1.00E-04
0	0	1.00E-04	0.1014928	0.01556027	0.04105943	1.00E-04
0.004	0	0.16431102	0.32561433	0.13318918	0.11822663	0.24923412
0	0.004	0.11496359	0.115271	0.1732135	0.22263428	0.45314346
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.25208446	0.43628467	0.26617124	0.44884577	0.35219489
0	0	0.09406157	0.12354509	0.16039567	0.25410947	0.27826847
0.004	0.004	0.69157382	0.59209597	0.47937628	0.64129024	0.64494264
0.008	0	0.46740521	0.64347954	0.56338675	0.78075025	0.55234718
0	0	1.00E-04	0.0051032	0.02330486	0.04097106	1.00E-04
0.04	0.045	0.03999066	0.54687764	0.07667991	0.20680309	1.00E-04
0	0	1.00E-04	1.00E-04	0.00676216	0.00994957	1.00E-04
0	0	0.07555316	0.05842503	0.04119204	0.12679886	0.03760207
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.08530488	0.06288921	0.05504699	0.04302531	1.00E-04
0	0	1.00E-04	1.00E-04	0.00533007	0.00151181	1.00E-04
0.016	0.02	0.5831461	0.7843657	0.89497007	0.72810576	0.8163923

0.024	0.004	0.28541385	0.33561599	0.43013745	0.45995142	0.31648887
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.008	0.27977441	0.31228668	0.29662947	0.44829363	0.50129792
0	0.004	0.04755469	0.13043338	0.09384346	0.11763131	0.1666163
0	0	0.08620212	0.10298346	0.18474363	0.1852404	0.10484361
0	0.008	0.56680925	0.23531651	0.17292842	0.25866782	0.82238177
0	0	0.05955837	0.03018447	0.01871865	0.02948044	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00330102	1.00E-04
0.012	0.004	0.33218729	0.50365135	0.22598172	0.29915501	0.42294644
0	0	1.00E-04	0.00286752	0.01757808	0.00947464	1.00E-04
0	0	1.00E-04	0.00713394	1.00E-04	0.00770436	1.00E-04
0.012	0.004	0.26980617	0.33958969	0.269853	0.31455857	0.12352428
0	0	0.47354697	0.70783102	0.20625684	0.3026365	0.26048051
0	0	0.31515748	0.23631111	0.14928266	0.14621573	0.0796902
0	0	1.00365178	1.06994669	1.07258483	1.20692302	0.82572679
0.004	0.008	0.55487726	0.9812363	0.49875506	0.45043518	0.4155576
0	0.004	0.00778767	1.00E-04	0.00732521	0.01840744	1.00E-04
0	0	0.14166194	0.33502075	0.13714415	0.22247034	0.04503128
0	0	1.00E-04	0.02808382	0.00442751	0.00321682	1.00E-04
0	0	1.00E-04	1.00E-04	0.0032828	1.00E-04	1.00E-04
0	0	1.00E-04	0.01226703	0.0144119	0.02362126	1.00E-04
0	0	0.13622685	0.17109068	0.18967256	0.23724798	0.06395902
0	0	0.16708587	0.26474817	0.11569393	0.17271137	0.31221229
0	0	0.12429329	0.48424336	0.37243684	0.28573459	0.03010564
0.048	0.049	1.25480008	1.29027701	1.34069416	1.58999043	1.53904338
0.004	0.008	0.73134802	0.76237468	0.79121449	0.90765862	1.04066596
0	0	1.00E-04	1.00E-04	0.00866975	0.01810344	1.00E-04
0	0	0.01900708	0.17890058	0.27158941	0.16219496	0.08499945
0	0.004	0.42996279	0.48756019	0.30413289	0.17589242	0.20107643
0.012	0.008	1.50122994	1.29244042	2.13826407	1.88560122	1.97023877
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.008	0.27868517	0.01810316	0.03085851	0.04687726	0.13540478
0.004	0.004	0.34030588	0.27854434	0.2149846	0.25467008	0.57973248
0.012	0.004	2.10584595	1.58252041	1.6079946	1.66709875	2.26824845
0	0	0.03539201	0.04843279	0.15651812	0.15049643	0.08727809
0	0.004	1.00E-04	0.00505902	0.00667256	0.01015693	1.00E-04
0	0.004	1.00E-04	0.01012861	0.02071775	0.06907537	1.00E-04
0	0	1.00E-04	1.00E-04	0.00843185	1.00E-04	1.00E-04
0	0	1.00E-04	0.00913683	0.00280013	0.00383777	1.00E-04
0	0	1.00E-04	0.05392229	1.00E-04	0.01504758	1.00E-04
0	0	0.07199904	0.20402411	0.11666464	0.08656183	1.00E-04
0	0	0.83953052	1.0558264	1.40246759	1.17687651	0.5779448

0.071	0.045	2.55320887	2.73703012	2.02491383	2.37545356	2.22463297
0	0	1.00E-04	0.08848118	0.03128516	0.06207169	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01263931	1.00E-04
0	0.004	0.21040945	0.2103653	0.2031826	0.21490722	0.59892518
0	0	1.00E-04	0.05218675	0.04828096	0.05258385	1.00E-04
0	0	0.03591422	0.237661	0.06295426	0.11349606	0.11172324
0	0	0.0090226	0.00445631	0.00404449	0.0069988	1.00E-04
0.004	0.012	0.77356876	0.89340478	0.55020705	0.68630877	0.80325886
0	0	1.00E-04	1.00E-04	0.00201809	1.00E-04	1.00E-04
0.004	0.004	0.98721334	1.50732625	0.55952784	0.99955652	1.05151497
0	0	1.00E-04	0.06228248	0.03262224	0.07093992	0.10474196
0.139	0.143	2.00536954	1.84374361	2.6335452	2.64738225	2.42036466
0	0	0.34008398	0.41403235	0.1878012	0.23334962	0.50589349
0	0	0.12069061	0.01263036	0.01130734	0.00378073	1.00E-04
0	0	0.08441523	0.16148511	0.20619403	0.2396139	0.04087983
0	0	1.00E-04	0.0269209	0.01009025	0.03661925	1.00E-04
0	0	0.68288711	0.5292773	0.75433329	0.56774981	0.58958834
0.004	0.004	0.03062891	0.02352144	0.03387254	0.04928292	1.00E-04
0	0.004	0.15664587	0.33450809	0.28763825	0.18151297	0.51268385
0	0	1.00E-04	0.00736806	0.0103414	0.02610856	1.00E-04
0.016	0.037	0.53065906	0.57098675	1.15006495	1.09489806	0.83311487
0	0	1.00E-04	1.00E-04	1.00E-04	0.00770703	1.00E-04
0	0	0.08282746	0.20879051	0.07896231	0.09429517	0.04518703
0	0	1.00E-04	1.00E-04	0.00799822	0.01732671	1.00E-04
0.028	0.02	2.09474056	1.8091643	1.12369773	1.53841426	2.16688455
0.008	0.012	1.42255172	1.37688372	0.69839328	0.79055643	1.22379922
0	0	1.00E-04	0.13460272	0.06295505	0.05339222	1.00E-04
0.04	0.066	1.56266963	1.57490892	1.9352269	2.08689828	1.81738433
0	0	1.00E-04	0.01207073	0.00493129	0.02537347	1.00E-04
0	0	1.00E-04	0.00215798	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.004071	0.00457309	1.00E-04	1.00E-04
0	0	0.01731209	0.0537426	0.03088336	0.06623165	1.00E-04
0	0.004	0.10193589	0.26785589	0.18798512	0.31990178	0.52869834
0	0	1.00E-04	0.00386575	0.02045977	0.00481203	1.00E-04
0.004	0.004	0.32594485	0.23664101	0.69683922	0.66341455	0.73340924
0.032	0.029	1.75661581	1.95455994	1.34467281	1.46905195	1.82726772
0	0	0.11885368	0.06670285	0.04613819	0.08906249	1.00E-04
0.004	0	0.80142635	0.72698053	0.69793633	0.79301618	0.61636593
0	0.004	0.18340021	0.39027297	0.2640942	0.52535233	0.52963408
0	0	1.00E-04	1.00E-04	0.00331874	1.00E-04	1.00E-04
0.012	0.016	0.14827233	0.366645	0.57868759	0.58703538	0.40196424
0	0	1.00E-04	1.00E-04	0.00179253	0.0012794	1.00E-04
0	0	0.01605091	0.0208239	0.01653001	0.02372978	1.00E-04

0.004	0.004	0.08686887	0.21764118	0.4030104	0.29592442	0.11058098
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00536375	0.00683641	0.00858154	1.00E-04
0	0.004	0.7588699	0.68136711	0.6123894	0.37121429	0.52308928
0	0	0.12561718	0.19596765	0.16882479	0.2060353	0.17797831
0	0.004	0.08292099	0.15577303	0.12297904	0.14878249	0.14923475
0	0	0.11020489	0.23789201	0.15912637	0.18780645	1.00E-04
0.012	0.02	0.22261365	0.29076257	0.56189241	0.45679854	0.17034477
0	0	0.11193601	0.10329472	0.04733932	0.06742166	0.17282274
0	0	0.35172371	0.56810971	0.52320842	0.45403399	1.59563769
0.004	0.004	0.1389377	0.25328893	0.17185705	0.19119772	0.08058555
0	0	0.27022149	0.25526297	0.24303037	0.33318146	0.07199167
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.008	0.47683838	0.62796143	0.73824395	0.65376364	0.92514906
0	0	0.04189604	0.10440224	0.05287352	0.02853166	0.04367084
0.008	0.02	0.49451629	0.6708267	0.58185891	1.03090223	0.74794479
0	0.004	0.54579	0.58510954	0.54528137	0.66279324	0.33768631
0	0	0.03923113	0.09497636	0.06266798	0.04961941	1.00E-04
0	0	1.64190515	1.72110863	0.85258992	1.08689838	1.34293826
0.004	0	0.15578833	0.46008918	0.53455238	0.20749504	0.62393138
0.004	0.008	0.23523481	0.37308373	0.27354611	0.32697468	0.19436484
0	0	0.02990024	0.04933129	0.03232347	0.05023745	0.06082346
0.024	0.016	2.03297205	2.51091639	2.0728557	2.51698551	3.00621831
0.004	0	0.24881532	0.73936532	0.15201253	0.27184402	0.08312343
0	0	0.05317423	0.03672208	0.03154667	0.0387818	0.07808106
0	0	1.00E-04	1.00E-04	0.0011097	0.00401044	1.00E-04
0	0	1.00E-04	0.04151298	0.00272203	0.00194532	1.00E-04
0.008	0	2.28287197	1.40965501	1.20527898	1.6338285	2.32554739
0	0	0.15929959	0.17466352	0.34436582	0.36051816	0.23247504
0	0.004	0.31649215	0.10976972	0.09313575	0.12479821	0.10705083
0	0	0.64919036	0.57716139	0.4177851	0.60518613	0.42989826
0	0	1.00E-04	0.02652239	1.00E-04	1.00E-04	1.00E-04
0.028	0.025	1.00129971	0.98196761	0.9001029	0.9606255	0.55567993
0	0.004	0.32363735	0.24338463	0.24501285	0.33152589	1.00E-04
0	0	0.07822276	0.06804599	0.05134196	0.06047198	1.00E-04
0	0	1.00E-04	0.02290883	1.00E-04	0.00172305	1.00E-04
0.02	0.037	0.25599011	0.60099418	0.52615893	0.39594275	0.16583683
0	0	0.18905716	0.19779274	0.18285827	0.25461791	0.05115835
0	0.004	0.03174197	0.03747339	0.04095001	0.06179993	1.00E-04
0	0	1.00E-04	1.00E-04	0.00897792	0.00573694	1.00E-04
0	0	1.00E-04	1.00E-04	0.02105386	0.0342655	1.00E-04
0	0	0.61772106	0.89429025	0.63614525	0.78115652	0.96175926

0	0	0.02475171	0.10748235	0.08642804	0.1177117	0.21635513
0	0.008	0.97732044	0.82760873	0.99913468	1.3459458	1.23727977
0	0	1.00E-04	0.00271717	0.01799006	0.02391959	1.00E-04
0.012	0.008	0.81693136	0.79626368	1.22715387	1.23591514	1.08768167
0	0	0.01154804	0.06768951	0.0882037	0.06297762	1.00E-04
0	0.008	0.38107109	0.38209752	0.44608186	0.4802693	0.26947977
0	0	1.00E-04	1.00E-04	1.00E-04	0.0044726	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00370071	0.00825879	1.00E-04
0	0	1.00E-04	0.00592941	0.01264054	0.01343431	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.02587357	0.03302786	0.0825752	0.037556	0.13685962
0.004	0	0.04022121	0.05713079	0.0624068	0.15609349	0.07219298
0	0	1.00E-04	1.00E-04	0.01458583	0.00259429	1.00E-04
0	0.004	0.0209735	0.03917701	0.02306921	0.05415924	0.3609613
0	0	0.01641826	0.07102758	0.03790659	0.0512381	0.08884014
0	0	1.00E-04	1.00E-04	0.02985128	0.01350231	0.07153673
0	0	1.00E-04	1.00E-04	0.01192441	0.00758154	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00088131	1.00E-04
0	0	1.00E-04	1.00E-04	0.00363981	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00240766	1.00E-04	1.00E-04
0	0	1.00E-04	0.03621118	0.00730293	0.0165596	1.00E-04
0.004	0.008	0.38262747	0.64649513	0.82135849	0.91248444	1.55027195
0	0	1.00E-04	0.00599416	0.01065998	0.00185077	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0012381	1.00E-04
0	0	1.00E-04	1.00E-04	0.02481305	1.00E-04	1.00E-04
0	0	0.02355045	0.08530836	0.04867845	0.08059935	1.00E-04
0	0	1.00E-04	0.04518629	0.02438614	0.02676035	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00758934	0.02041368	0.00775504	1.00E-04
0	0	1.00E-04	1.00E-04	0.00615743	0.01680304	1.00E-04
0	0	1.00E-04	0.01905663	1.00E-04	0.00121031	1.00E-04
0	0	0.12304852	0.09720805	0.17856739	0.14556762	0.65033445
0	0	1.00E-04	1.00E-04	1.00E-04	0.00273477	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00624151	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00341456	1.00E-04
0	0	0.01789264	0.02629261	0.01742889	0.04447366	1.00E-04
0	0	1.00E-04	0.0110285	1.00E-04	0.00119609	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00518372	1.00E-04
0	0	1.00E-04	0.01482242	0.00706361	0.02710214	1.00E-04
0	0	0.37193802	0.69709232	0.52229538	0.68363938	0.58468531
0.004	0	1.00E-04	0.07409159	0.02849299	0.0387307	1.00E-04
0	0	1.00E-04	1.00E-04	0.01569404	0.00456957	1.00E-04

0	0	1.00E-04	1.00E-04	0.00110047	0.00312189	1.00E-04
0	0	0.00743313	0.01430663	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00967381	0.01236455	0.02484369	1.00E-04
0	0	1.00E-04	0.01964347	0.01894833	0.05861647	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00726691	1.00E-04
0	0	0.06477164	0.03840838	0.04114442	0.06004477	0.15180337
0.016	0.008	1.42841688	1.555036	0.98784712	1.07323998	1.65747613
0	0	0.31206422	0.18695693	0.10961687	0.09934004	0.22818776
0	0	0.05014913	0.0734189	0.01869854	0.03913515	0.05058647
0	0	1.00E-04	0.03112609	0.00545758	0.01306628	1.00E-04
0	0	0.02419465	0.03723583	0.01533678	0.01423591	1.00E-04
0	0	1.00E-04	1.00E-04	0.00535287	1.00E-04	1.00E-04
0	0	0.01571046	0.15007497	0.11023219	0.11609522	1.00E-04
0	0	1.00E-04	0.00722108	0.00247817	0.01528952	1.00E-04
0	0	0.07708671	0.05286206	0.05654068	0.08783951	1.00E-04
0	0	0.04378465	0.08918452	0.07885361	0.08327369	0.18862677
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.15094154	0.14646676	0.06267781	0.07664349	0.14285334
0.004	0.008	0.02764818	0.16016648	0.27130275	0.20477146	0.06541246
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.0121187	0.00826892	1.00E-04
0	0	0.02595032	0.02991555	0.01416048	0.0619943	1.00E-04
0	0	0.09719769	0.13680656	0.0422046	0.06061279	0.07192697
0	0	0.01094721	1.00E-04	0.00481876	0.00415217	1.00E-04
0	0	1.00E-04	0.01245221	1.00E-04	1.00E-04	1.00E-04
0	0	0.0428596	0.03756294	0.05459401	0.05311028	1.00E-04
0	0	1.00E-04	0.00626321	1.00E-04	0.00686919	1.00E-04
0	0	1.00E-04	0.02116758	0.00084565	0.00858006	1.00E-04
0	0	0.06169455	0.02320711	0.02869397	0.0101598	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00362585	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.06470826	0.13327699	0.10104111	1.00E-04
0	0	1.00E-04	1.00E-04	0.00824413	0.00880902	1.00E-04
0.008	0	1.00E-04	1.00E-04	0.00132361	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.0076756	0.00249499	1.00E-04
0.004	0	0.13150962	0.36566544	0.31028402	0.16034394	0.47596456
0.012	0.008	0.64582708	0.72050368	0.94169429	0.96628817	0.6878756
0.012	0	0.68966599	0.69657985	0.55263353	0.7235374	0.45908213
0	0	1.00E-04	0.00371898	0.00537734	0.01145918	1.00E-04
0	0	1.00E-04	0.02664737	0.00237709	0.00992576	1.00E-04
0.004	0.004	0.42776792	0.31904869	0.23136142	0.34731248	1.05280474

0	0	1.00E-04	0.01953335	0.02011072	0.02994062	1.00E-04
0.06	0.02	2.67937647	2.02807239	1.91075115	1.85625209	2.52034627
0	0	0.01673492	0.11478779	0.03603594	0.04523111	1.00E-04
0	0	0.2540616	0.17803245	0.11997707	0.1166983	0.11037622
0	0	1.00E-04	0.01995636	1.00E-04	0.00206625	1.00E-04
0	0	1.00E-04	1.00E-04	0.0187303	0.00332772	1.00E-04
0.004	0	0.38539684	0.94297955	0.29707633	0.35197335	0.45920616
0	0	0.1239844	0.28573417	0.02286638	0.06307416	0.07577321
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00528152	0.00132322	0.00337868	1.00E-04
0	0	1.00E-04	1.00E-04	0.00374948	0.00395666	1.00E-04
0	0	1.00E-04	1.00E-04	0.00314372	0.00156889	1.00E-04
0	0	0.37541919	0.30361401	0.12210828	0.25171052	1.00E-04
0	0	0.43383347	0.661921	0.22264802	0.3584799	0.5127003
0	0.004	0.78372779	0.96256469	0.5518043	0.80327334	0.7670656
0	0	0.05159194	0.03501694	0.02470037	0.03787272	0.06723254
0	0.004	0.56828675	0.55644443	0.25686152	0.34830433	0.29112945
0.036	0.066	0.44240223	0.45141595	0.222795	0.43143308	0.41703485
0	0	1.00E-04	1.00E-04	1.00E-04	0.00114389	1.00E-04
0	0	0.04814111	0.09990567	0.14205486	0.04428744	0.05536594
0.004	0.004	0.44828895	0.27468229	0.24430594	0.26871575	0.22578996
0	0	1.00E-04	0.01282947	0.00182998	1.00E-04	1.00E-04
0	0	1.00E-04	0.00311412	0.00175395	0.01192762	1.00E-04
0	0	0.04639134	0.08813161	0.04259118	0.06046951	0.28165265
0	0	1.00E-04	1.00E-04	0.00469961	1.00E-04	1.00E-04
0.004	0	0.01375899	0.05364195	0.0061828	0.01883237	1.00E-04
0	0	1.00E-04	1.00E-04	0.0042096	0.00142566	1.00E-04
0	0	0.06359092	0.14787914	0.11698391	0.18201953	0.114365
0.083	0.086	1.44604751	1.56779096	1.55736518	1.93183679	1.96624007
0.016	0.012	0.78394683	0.81611559	0.39047239	0.59023335	0.96451697
0	0	1.00E-04	0.0019516	0.00970894	1.00E-04	1.00E-04
0	0	1.00E-04	0.01449078	0.0121228	0.0275589	1.00E-04
0	0	1.00E-04	1.00E-04	0.0040313	0.00636249	1.00E-04
0	0	1.00E-04	0.04963275	0.01167147	0.01347754	1.00E-04
0	0	1.00E-04	1.00E-04	0.00229868	1.00E-04	1.00E-04
0	0	0.02253955	0.01691278	0.0884311	0.02884661	1.00E-04
0	0	0.07959586	0.096005	0.13918435	0.10706042	0.112806
0	0	0.02702654	1.00E-04	0.05942892	0.01902616	1.00E-04
0.004	0.02	0.70647468	0.92131644	0.85649389	0.82538326	0.86153051
0	0.012	0.25272511	0.24077188	0.24519712	0.4857433	0.6490361
0	0	0.10426803	0.17101586	0.13501933	0.15627968	1.00E-04
0	0	1.00E-04	1.00E-04	0.00341428	0.00527868	1.00E-04
0	0	1.00E-04	0.04268342	0.04754426	0.06669528	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00459745	0.00082821	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00179686	1.00E-04
0.008	0.004	0.54880109	0.66166352	0.40012344	0.417767	0.60357239
0.02	0.016	0.68522798	0.96097236	1.01569811	1.05737247	0.97777415
0	0	0.08272275	0.02559759	0.02449207	0.04198961	0.04670496
0.004	0.004	0.2681033	0.34170976	0.38496946	0.61789011	0.13387677
0.004	0.012	0.6696777	0.67561494	0.7501295	0.84399628	0.55899691
0.004	0	0.66053067	0.52689877	0.29801467	0.39240478	0.59298861
0	0.016	1.04499162	1.12774374	1.39258147	1.41204194	1.05568024
0	0	0.14586666	0.14749333	0.20994771	0.32642903	0.1276027
0.004	0.004	1.01955572	0.85838628	1.72281818	1.64588355	1.12696658
0	0	1.00E-04	1.00E-04	0.0071587	0.00911643	1.00E-04
0	0	0.11087588	0.06531782	0.07899022	0.07999738	0.07838957
0	0	1.00E-04	0.00861494	0.03556155	0.04207431	1.00E-04
0	0	1.00E-04	0.00495121	1.00E-04	0.01557626	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.008	0.08301622	0.14481159	0.17983805	0.227546	0.10051157
0	0	1.00E-04	0.11473171	0.04125939	0.05556111	1.00E-04
0.04	0.033	1.97291872	2.01228299	1.49897763	1.83624938	2.4177267
0	0	1.00E-04	0.00224195	1.00E-04	0.00118295	1.00E-04
0	0	1.00E-04	0.02408234	0.0178679	0.05189915	0.07288116
0.004	0.008	0.6438102	0.72940641	0.75378616	0.74835373	0.88560582
0.008	0	0.12926871	0.19686023	0.12304325	0.15732388	0.18484635
0	0	1.00E-04	1.00E-04	0.02223304	0.02444237	1.00E-04
0	0	1.00E-04	0.06337193	0.05591186	0.0825541	1.00E-04
0	0	0.02174989	0.0670621	0.08437088	0.06108164	0.17451499
0	0	1.00E-04	0.08295237	0.03940533	0.0606632	1.00E-04
0	0	0.28169425	0.34449323	0.13070665	0.16076404	0.51123592
0.024	0.037	1.3126985	1.38437313	0.99960388	1.31442797	1.64528198
0.004	0.004	0.69976762	0.70691191	0.37157473	0.53421641	0.63826436
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.032	0.02	1.80823171	1.9449087	1.34904386	1.15633261	2.3583765
0	0	0.61031048	0.54187825	0.52157702	0.65346665	0.2908374
0	0	1.00E-04	0.01403978	0.00174142	0.0251809	1.00E-04
0	0	0.03231281	0.01524157	0.0049036	0.02667514	0.05990248
0	0	0.32448113	0.27290745	0.19330965	0.14426614	1.25993147
0	0	0.01577029	0.01668596	0.00663079	0.00541143	1.00E-04
0.004	0	0.04955718	0.18792111	0.1600328	0.24145856	0.52750479
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.01833874	0.05287193	0.03168802	0.02205255	0.17396847
0	0	0.02845792	0.02526729	0.08088934	0.05534008	1.00E-04

0.008	0.033	0.87191396	1.20359965	1.54020127	1.44121693	1.16186794
0	0	0.19378296	0.24232676	0.30736486	0.3046197	0.33218332
0.008	0	0.26585975	0.22961345	0.15428715	0.14737906	0.44573093
0	0	0.10123489	0.32058531	0.68406975	0.19739788	0.10744259
0.028	0.025	0.39127312	0.5393997	0.56204571	0.72334911	1.00902877
0	0.016	0.60851334	0.64343047	0.47685638	0.73042072	0.9669777
0	0	1.00E-04	0.02847836	0.02938429	0.01932372	1.00E-04
0	0	0.06247083	0.05023711	0.01894612	0.03754603	0.0451399
0	0	0.05141411	0.08156399	0.05879851	0.0737371	1.00E-04
0	0	0.03854832	0.09819435	0.06829664	0.05319319	1.00E-04
0.012	0.012	0.62866792	0.79461637	0.39616085	0.54306044	0.90041349
0.004	0.004	0.55001339	0.66670133	0.28084577	0.37061359	0.7904231
0	0	0.23577667	0.3502616	0.09891402	0.13918185	0.28635761
0	0	0.04160815	0.07353382	0.00718666	0.03616736	1.00E-04
0.056	0.066	0.69259354	1.14317967	0.76192837	1.07192027	0.72332425
0	0	1.00E-04	1.00E-04	1.00E-04	0.00373738	1.00E-04
0	0	1.00E-04	1.00E-04	0.00577511	0.00715819	1.00E-04
0.028	0.029	1.91148058	1.9765114	1.70038617	1.8084983	1.64411497
0	0	0.02670335	0.07940921	0.01310311	0.01781852	1.00E-04
0	0	1.00E-04	0.00491323	0.01409477	0.01873374	1.00E-04
0	0	0.10839187	0.02612739	0.01115069	0.02202587	1.00E-04
0	0	0.05143287	0.07045671	0.0819387	0.0733908	0.23219608
0.004	0	0.54497337	0.56321179	0.67243757	0.65633401	0.50357331
0	0	1.00E-04	0.11785792	0.02286193	0.07118146	1.00E-04
0	0	0.02882189	0.04708036	0.01652016	0.03295027	0.08483219
0	0	0.02875385	0.04556466	0.01311839	0.03112295	0.25480985
0	0	0.01871312	0.03013161	0.0209195	0.03442728	1.00E-04
0	0	1.00E-04	0.00446987	1.00E-04	0.01347884	1.00E-04
0	0	0.16167231	0.24200783	0.06538222	0.14001292	0.30223359
0.024	0.012	1.16179707	1.29987155	1.14686995	1.16728791	1.37214253
0.008	0	0.16001339	0.17948756	0.24784779	0.30253664	0.25826456
0.016	0.012	2.34015135	2.63658233	2.75418558	3.0141999	2.47669603
0	0	0.40220418	0.61114527	0.22216084	0.2663754	0.12380977
0	0	0.98505448	1.55414959	0.66971568	0.7914169	0.04395639
0	0	1.00E-04	1.00E-04	1.00E-04	0.01349947	1.00E-04
0.036	0.02	1.53706258	1.78653459	1.94967877	1.96381501	2.00780613
0.008	0.004	0.1527184	0.10971243	0.18034499	0.18979735	0.32453805
0.004	0.004	0.89083272	0.8713793	0.48029305	0.54606133	0.72949772
0.012	0	1.00E-04	0.02873914	0.00784205	0.03323236	1.00E-04
0	0	1.00E-04	0.00584307	0.00597838	0.0028918	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00694255	1.00E-04
0.04	0.082	1.68390336	1.66505888	1.95966975	2.10072706	1.71270328
0.016	0.016	1.88860584	2.29983614	1.73260134	1.90697744	1.81906237

0.012	0.02	1.47876127	1.67662096	1.45705734	1.81813306	1.33670157
0	0	1.00E-04	1.00E-04	0.00334047	0.00207721	1.00E-04
0	0	1.00E-04	1.00E-04	0.00625615	0.00211736	1.00E-04
0	0	0.02274921	1.00E-04	0.02811433	0.01029943	1.00E-04
0.008	0	0.59033056	0.86777753	1.08856313	0.79769601	0.93116828
0	0	1.00E-04	1.00E-04	0.02943587	0.01582837	1.00E-04
0	0	1.00E-04	1.00E-04	0.00663002	0.00146283	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.02268523	1.00E-04
0	0	1.00E-04	0.08765045	0.00853876	0.00535934	1.00E-04
0.016	0	0.64908766	0.63643095	0.70982706	0.90033511	0.72571129
0	0	0.4359891	0.38904069	0.20162779	0.20652371	0.19297176
0	0	0.2998454	0.27008808	0.20753461	0.1684747	0.22509012
0.004	0	0.48137212	0.77523609	0.45297403	0.44882835	0.38349942
0	0	0.03443494	0.10952479	0.11065482	0.10321987	0.09055564
0.008	0.02	1.25706871	1.3711656	0.84417213	0.8951139	1.00939611
0	0	0.5402824	0.74874765	0.29194234	0.41122228	0.36838638
0	0	0.01969196	0.04969036	0.01719065	0.01943472	1.00E-04
0.008	0.008	0.44391107	0.62778269	0.64743776	0.65052608	0.50703635
0	0	0.02913332	0.05234099	0.0201783	0.0274064	1.00E-04
0.004	0	0.45401002	0.65287735	1.239959	1.04800196	0.64299293
0	0	1.00E-04	0.0166786	0.00724961	0.01239921	1.00E-04
0	0	0.0593784	0.00462313	0.00744717	0.01229926	0.05410894
0.012	0	0.49915045	0.467645	0.35059592	0.55631966	0.69470469
0.004	0	1.00E-04	1.00E-04	0.00256024	0.00296783	1.00E-04
0	0.004	0.10013207	0.01389813	0.03847956	0.05497505	1.00E-04
0	0	0.13214096	0.17838226	0.07587582	0.14600369	0.06430658
0	0	0.01720258	0.08698012	0.06418719	0.04559641	1.00E-04
0	0	1.00E-04	1.00E-04	0.01049013	0.00465435	1.00E-04
0	0	0.11761428	0.40456322	0.34759258	0.36775367	0.2506753
0.063	0.066	6.52666161	6.37663502	6.07739702	6.15543977	5.73077502
0	0	2.17123778	2.35250828	1.47612154	1.77072993	0.88687633
0	0	0.3266735	0.27794124	0.15831712	0.22371673	0.41322531
0.004	0	1.00E-04	1.00E-04	0.00819529	0.0125455	1.00E-04
0	0	0.05902256	0.02840099	0.0767551	0.0679226	0.11954724
0	0	1.00E-04	0.00600533	0.00445533	0.00592303	1.00E-04
0.008	0.004	1.00E-04	0.03869074	0.03839819	0.0681421	1.00E-04
0	0.004	0.09717937	0.24371701	0.38136185	0.23662254	0.27618447
0	0	0.60416557	0.29682315	0.17750142	0.18839916	0.17450131
0	0	0.03650838	0.0543491	0.05826881	0.03214906	0.07756917
0	0	0.04219534	1.00E-04	1.00E-04	0.00925086	0.14324569
0.008	0.004	0.47959225	0.53905839	0.45925824	0.62781947	0.77726683
0	0	1.00E-04	1.00E-04	0.01878604	0.04462153	1.00E-04
0.067	0.09	2.89106653	2.94038228	2.74178027	2.99639914	2.95157408

0	0	0.19375347	0.24836528	0.46319207	0.34728157	0.55054608
0	0	0.00967691	0.02876345	0.03277443	0.00991411	1.00E-04
0	0	1.00E-04	0.02345327	0.01479513	0.0152993	1.00E-04
0	0.004	0.01736065	0.02688167	0.06189271	0.06905126	0.28669798
0.008	0.012	0.47118414	0.58232501	0.4356261	0.56761245	0.5491782
0	0	1.00E-04	0.00495023	1.00E-04	0.00677856	1.00E-04
0	0	0.60817235	0.39132394	0.32945211	0.42810264	1.04738479
0	0.008	1.00E-04	0.02907972	0.02504198	0.03746233	1.00E-04
0	0.004	0.98532063	0.67467714	0.96373532	1.06492872	0.75241866
0	0	1.00E-04	0.01666095	0.00603026	0.01934185	1.00E-04
0	0	0.18503014	0.07177894	0.14092037	0.22817653	0.19287311
0	0.004	0.45226735	0.61144448	0.45940516	0.58175159	0.94982314
0	0	1.00E-04	0.01530272	0.02603491	0.02953228	1.00E-04
0.004	0.008	0.59917352	0.5294361	0.46070434	0.54243797	1.49887211
0.008	0	0.4746865	0.14682425	0.21295431	0.26497226	0.16349537
0	0	0.09415205	0.21107691	0.34312165	0.3502038	0.04012068
0.004	0	0.73815805	0.83537194	0.51293438	0.561773	0.15406725
0.004	0	0.37075663	0.35844179	0.21115323	0.3024132	0.3139648
0	0	0.73949086	0.71953459	1.13188167	1.04331878	0.23676836
0	0	0.07502411	0.13003361	0.06640191	0.05226014	1.00E-04
0	0	0.49771913	0.48062736	0.32840173	0.34416645	1.00E-04
0.056	0.082	1.205174	1.26931892	1.45111618	1.67889142	1.45913738
0	0	0.22723283	0.20922463	0.15103531	0.19285176	0.58026904
0	0	0.05831554	0.11116745	0.04923087	0.06192467	1.00E-04
0	0	1.00E-04	0.04377079	0.03945778	0.0560188	1.00E-04
0	0	1.00E-04	1.00E-04	0.00461601	1.00E-04	1.00E-04
0	0	1.00E-04	0.03328222	0.03035608	0.02512014	0.03010564
0	0	1.00E-04	0.03925518	0.01815994	0.02545492	1.00E-04
0	0	1.70311984	1.51507387	0.89416024	0.89765994	0.7908283
0	0	0.0439557	0.02151168	0.01726353	0.00831184	1.00E-04
0.008	0	1.00E-04	0.11741445	0.07350366	0.10879808	0.07941135
0	0	0.09132158	0.13577675	0.08450133	0.17896516	1.00E-04
0.004	0	0.08011724	0.05656594	0.17687748	0.11606869	0.05857215
0	0	1.00E-04	0.00942026	1.00E-04	1.00E-04	1.00E-04
0.008	0	0.62809376	0.50567711	0.38245431	0.42740235	0.50341023
0.036	0.033	2.03690399	2.1537021	2.22260635	2.43698173	2.174563
0	0	0.66899291	0.49943792	0.71904353	0.87485455	0.71601975
0.004	0	0.09346986	0.17863388	0.19496856	0.31551836	0.04820561
0	0	1.00E-04	1.00E-04	0.0071899	1.00E-04	1.00E-04
0.27	0.316	2.97904961	2.88330469	4.02182365	3.76299801	3.27078248
0	0	1.00E-04	0.00201221	0.00686591	0.00725597	1.00E-04
0	0	1.00E-04	0.01263205	0.00352074	0.02718821	1.00E-04
0.008	0	0.303238	0.48192439	0.81650768	0.68710709	0.36660644

0.008	0.008	0.10813255	0.14347165	0.14128145	0.22593092	0.03166905
0	0	1.00E-04	1.00E-04	0.00281275	0.003965	1.00E-04
0	0	1.00E-04	1.00E-04	0.00283015	0.00186877	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01485967	0.0035899	0.00423559	1.00E-04
0.008	0	0.12190565	0.09820576	0.14005074	0.17888965	0.07798163
0	0	1.00E-04	1.00E-04	1.00E-04	0.00118962	1.00E-04
0	0	1.00E-04	0.01066767	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.0379337	0.01154759	0.04503087	0.06711075	1.00E-04
0	0	1.00E-04	1.00E-04	0.00397296	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00158473	1.00E-04
0	0	1.00E-04	0.03714552	0.01374239	0.00641731	1.00E-04
0	0	1.00E-04	0.01100747	1.00E-04	0.00445756	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00287288	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00118778	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00434368	1.00E-04
0.016	0	0.22606611	0.45508234	0.58801541	0.7845035	0.54536711
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01395425	0.01267211	1.00E-04
0	0	1.00E-04	1.00E-04	0.01371136	0.00461308	1.00E-04
0	0.004	0.15642809	0.36497565	0.31220613	0.29932963	0.12375015
0	0	1.00E-04	1.00E-04	0.01386499	1.00E-04	1.00E-04
0	0	0.10450384	0.08458278	0.04183653	0.12638396	1.00E-04
0	0	1.00E-04	1.00E-04	0.00581768	0.00581531	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00957634	1.00E-04	1.00E-04
0	0.008	1.00E-04	1.00E-04	0.01705523	0.0397562	1.00E-04
0.004	0	0.03900361	0.0536099	0.05257234	0.07261193	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.02589986	1.00E-04	1.00E-04
0.004	0	0.09707002	0.14213077	0.13127593	0.15794552	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00240301	1.00E-04	1.00E-04
0	0	1.00E-04	0.0058809	0.01672656	0.015297	1.00E-04
0	0	0.03821684	0.03705068	0.10943317	0.15281596	1.00E-04
0	0	0.10639413	0.06833765	0.05432265	0.0781814	1.00E-04
0	0.004	0.0380696	0.04682167	0.02558913	0.08453564	0.07325136
0	0	1.00E-04	0.01396524	0.01109753	0.00656363	1.00E-04
0.004	0	0.05198366	0.05654439	0.13243968	0.16663648	0.34721574
0	0	1.00E-04	1.00E-04	0.00270814	1.00E-04	1.00E-04
0.004	0.016	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.05524495	0.03317882	0.03252203	1.00E-04
0	0.004	2.16334479	1.87237438	2.01639484	2.34648308	1.193799

0	0	1.00E-04	1.00E-04	0.00338562	0.00239941	1.00E-04
0	0	0.02598548	1.00E-04	0.00895768	0.01620515	1.00E-04
0	0	1.00E-04	0.00570657	1.00E-04	0.00945927	1.00E-04
0	0	1.00E-04	0.00555584	0.0109872	0.00819562	0.05857215
0	0	1.00E-04	1.00E-04	1.00E-04	0.00105949	1.00E-04
0	0	1.00E-04	1.00E-04	0.00157673	1.00E-04	1.00E-04
0	0	0.25602388	0.04977861	0.01071742	0.02582363	0.3082928
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.183	0.168	4.05886802	3.30702272	3.27836084	3.18433511	4.44650929
0	0	0.7261103	0.50705082	0.97626147	0.96902671	0.58596419
0	0	1.00E-04	1.00E-04	0.0049009	0.02150126	1.00E-04
0	0	1.00E-04	1.00E-04	0.01342639	0.0032677	1.00E-04
0	0	0.31110693	0.17185782	0.40940988	0.50591168	1.00E-04
0	0	1.00E-04	1.00E-04	0.00397864	0.02146848	1.00E-04
0	0	1.00E-04	0.02233368	0.03109205	0.02534741	1.00E-04
0	0	1.00E-04	0.01873843	1.00E-04	0.0109852	1.00E-04
0	0	0.04071719	0.00457403	1.00E-04	0.0024874	1.00E-04
0.004	0	0.04685997	0.1065316	0.18166835	0.13546912	1.00E-04
0.032	0.02	1.28501573	1.51846874	2.19139072	2.24305666	1.53567645
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.0623566	0.09109149	0.03810376	0.05309436	0.04054828
0	0	1.00E-04	1.00E-04	0.00859623	1.00E-04	1.00E-04
0	0	0.0100558	0.01082976	1.00E-04	0.01376918	1.00E-04
0.008	0	0.54301044	0.67321167	0.60771583	0.75276113	0.75381373
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01106819	0.01975942	0.03593503	1.00E-04
0	0	1.00E-04	1.00E-04	0.01249076	0.02366057	1.00E-04
0	0	1.00E-04	0.01114587	0.01604591	0.01772261	1.00E-04
0	0	1.00E-04	0.02245647	1.00E-04	0.01494359	1.00E-04
0	0	0.0092719	0.09969122	0.03403513	0.01717798	0.08970378
0	0	1.00E-04	0.01600985	1.00E-04	1.00E-04	1.00E-04
0.313	0.279	3.05524664	3.29858329	3.21194502	3.51049261	3.46959567
0	0	0.12688231	0.25744406	0.14711038	0.30408854	0.32570481
0.004	0.004	0.93388601	1.04025554	0.8364955	0.91790314	1.32338607
0	0	0.03858279	0.03278172	0.02152572	0.03422701	1.00E-04
0	0	1.00E-04	0.00418385	0.0057041	0.01080016	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00669374	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.04751614	0.0124654	1.00E-04	1.00E-04
0	0	0.11557526	0.05717681	0.05704653	0.05836658	1.00E-04
0.063	0.041	3.10405869	3.34106069	2.59178953	2.89061044	2.96990908
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0	0	0.1472316	0.10800449	0.35949296	0.34105987	0.05410683
0	0	1.00E-04	0.0058764	0.00188446	0.00184978	1.00E-04
0	0	0.06621029	0.0306866	0.02105495	0.01403422	1.00E-04
0	0	1.00E-04	0.02918954	0.00564175	0.01377803	1.00E-04
0	0	0.00866272	0.08092141	0.04324598	0.07357696	0.03920743
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01542519	0.00195802	1.00E-04	1.00E-04
0	0	1.00E-04	0.0371197	0.0165936	0.01487783	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00209026	1.00E-04	1.00E-04
0	0	1.00E-04	0.01011044	1.00E-04	1.00E-04	0.14152125
0.004	0	1.39433363	1.67125739	1.05728719	1.53184075	1.0106426
0	0	0.05230825	0.26657175	0.10418874	0.15557549	1.00E-04
0	0	0.12031925	0.08462504	0.09704065	0.10191467	0.03382224
0	0.004	0.30133725	0.58446636	0.21721515	0.27508203	0.5115667
0.143	0.094	4.75116307	3.58745313	3.58556881	4.43526603	5.18951088
0.004	0	1.00E-04	0.00906752	1.00E-04	0.00175615	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.004	3.63554131	3.66597046	3.16710843	3.22921826	4.33953976
0.024	0.016	4.78064592	4.80600036	4.43934379	4.28400859	5.55640642
0	0	0.0465575	0.05041367	0.14759318	0.09297464	0.10723907
0	0	0.02371657	0.03498718	0.02710065	0.0211464	1.00E-04
0	0	0.04409488	0.02082191	0.04032041	0.09140827	1.00E-04
0.028	0.008	0.26080782	0.36395888	0.23897629	0.45347604	0.61419563
0	0	1.00E-04	0.02040299	0.04017765	0.06699004	1.00E-04
0	0	0.00706372	0.03583545	0.04804641	0.05095151	1.00E-04
0	0.008	0.21689613	0.3094232	0.3663822	0.33277421	0.28838009
0	0	0.05323783	0.12450961	0.05391228	0.0506197	1.00E-04
0.004	0.012	0.85803551	1.28681962	0.8716846	0.94540344	0.84922257
0	0	0.02249642	0.03045689	0.01403995	0.0059475	1.00E-04
0.02	0.029	1.43503704	1.2637787	1.19968091	1.21346913	1.75534533
0	0	1.00E-04	0.00386515	0.00270903	1.00E-04	1.00E-04
0	0	0.06207985	0.16575128	0.14182381	0.11335982	0.48217772
0.012	0.004	0.42236199	0.46972354	0.33380253	0.45693325	0.46741491
0	0	0.12127981	0.12988702	0.05527325	0.10768656	0.06851685
0	0	0.63562615	0.59208617	0.56153928	0.75725312	0.75524039
0.067	0.041	1.36759445	1.35015696	1.5638551	1.8822853	1.38135199
0.071	0.029	0.96555145	0.97121876	1.32530508	1.1343346	1.60643087
0	0	0.15499227	0.19827807	0.40612116	0.333922	0.50304337
0.115	0.074	3.00320455	3.40799079	2.70638528	2.8384113	2.92929908
0	0.004	1.00E-04	1.00E-04	0.00229951	0.0047484	1.00E-04
0.171	0.221	3.60602001	3.85515991	3.99252257	4.15009606	3.94823574
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0	0	1.00E-04	0.00503505	0.01309991	0.01478242	1.00E-04
0.063	0.09	0.73687819	0.68895058	0.72495546	0.88563735	0.8333649
0	0	0.07437572	0.02730232	0.02956647	0.01362631	1.00E-04
0.103	0.119	1.66824145	1.80603011	1.93159749	2.24499201	2.31358749
0	0	0.50694999	0.5705663	0.45828086	0.57525962	0.4514304
0	0	1.00E-04	0.00451083	0.013579	0.00559954	1.00E-04
0	0	0.02492613	0.04013711	0.01461382	0.03175274	0.11980607
0	0.004	0.08150754	0.07795643	0.17224842	0.26826336	0.2512174
0.004	0	0.30880446	0.17465684	0.072402	0.13166619	0.19010774
0.008	0.008	0.26143444	0.29519775	0.23825409	0.30613475	0.33971488
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.08179378	0.11881753	0.0809104	0.09102359	0.22162248
0	0	0.02145795	0.06237539	0.03297847	0.07179329	0.03919412
0.004	0	0.12095387	0.17258243	0.16129849	0.16373227	0.48689905
0	0	1.00E-04	0.02752916	0.04238994	0.03921387	1.00E-04
0.004	0.004	0.48305703	0.45979477	0.3430957	0.59628635	0.21489887
0	0	1.77851838	1.55359674	1.07632699	1.25809881	1.7632474
0	0.004	0.09768895	0.16244488	0.1810223	0.19097111	0.72841614
0.012	0.004	1.12629343	0.93617536	1.22607025	1.33708771	2.12401178
0.016	0.029	2.16752041	1.85651786	1.73693316	1.96039782	2.34778008
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.01882137	0.07998203	0.07522197	0.04560392	1.00E-04
0.004	0	1.42721722	1.2267358	1.40071826	1.52372501	1.08145943
0	0	1.00E-04	0.01903345	0.00714845	0.00742965	1.00E-04
0	0	0.01876594	0.01856178	0.10097011	0.08696982	1.00E-04
0	0.008	1.19251775	1.06488381	1.31941775	1.48074192	1.10192253
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	0.03581607	0.01650854	0.02062231	1.00E-04
0.012	0.008	0.83108745	1.06583902	0.7408193	0.90234678	1.18000984
0	0	0.04347265	0.05052116	0.09815519	0.13112023	0.09420171
0	0	1.00E-04	0.01942993	0.01501999	0.02472055	1.0694344
0	0	0.09405468	0.10588696	0.0761924	0.16561898	0.35452798
0	0	1.00E-04	0.05649814	0.06321961	0.07475483	1.00E-04
0.067	0.102	1.91767176	2.44267363	2.37021834	2.58677874	2.46949704
0.02	0.025	0.28410235	0.48002528	0.52038942	0.63402882	0.8037257
0	0.004	0.34435029	0.25065918	0.11685606	0.23331109	0.20286675
0.044	0.045	1.2482603	1.51411916	1.53848004	1.89881303	1.49501164
0	0	0.21293023	0.25807748	0.45749563	0.48921941	0.54699097
0	0.008	0.19104654	0.30232575	0.2171719	0.26378607	0.2074812
0	0	0.13315598	0.13718293	0.07199536	0.07288263	0.28453577
0	0	1.00E-04	0.02076126	1.00E-04	0.00457845	1.00E-04
0	0	0.07646928	0.23129998	0.04724243	0.10982484	0.06400929
0.008	0	0.84693346	1.87579396	2.45696116	1.30170018	1.68726353

0.004	0.004	0.20404124	0.24765801	0.25976002	0.37783807	0.48422077
0.008	0.004	0.14366743	0.15290112	0.20952008	0.25501727	0.5221727
0.012	0.02	0.53906239	0.48513584	0.40850917	0.51804927	0.95170304
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.04724064	0.02615431	0.03927886	1.00E-04
0	0	1.00E-04	1.00E-04	0.0028476	0.02031663	1.00E-04
0	0	1.00E-04	0.02633923	0.02452615	0.01769421	1.00E-04
0.012	0.008	0.51644945	0.4385491	0.34671481	0.32458809	0.58405305
0.004	0	0.52449245	0.96947402	1.48239748	0.58417204	0.69052327
0.016	0.004	0.63412206	0.63042642	0.59944631	0.65308793	0.67969205
0.008	0	0.12321644	0.06858797	0.09899486	0.11202607	0.1541007
0.004	0	0.1030914	0.11368381	0.08746726	0.11116994	0.25711759
0.024	0.004	0.8090887	0.66376034	0.35173437	0.40519641	0.93171066
0	0	0.05604514	1.00E-04	1.00E-04	0.0210686	1.00E-04
0	0	0.05475268	0.23612154	0.4010217	0.27619118	0.42469468
0.183	0.152	3.55180282	3.8279017	4.17158387	3.99469099	3.73785634
0.123	0.09	4.47461262	4.39767014	4.82885119	4.86482523	4.31010256
0	0	0.11248317	0.40309478	0.14890049	0.1522322	0.83794062
0	0	0.09320796	0.09469108	0.03142936	0.08708071	0.17908992
0	0	0.050043	0.04875426	0.03100124	0.02880175	1.00E-04
0	0	1.00E-04	0.02250183	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00856695	0.01385712	1.00E-04
0	0	0.38632348	0.40970277	0.54072488	0.59791626	0.38499375
0	0	1.00E-04	1.00E-04	1.00E-04	0.00525082	1.00E-04
0	0	1.00E-04	0.03799236	0.00422483	0.00439242	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00286942	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00184766	1.00E-04
0	0	0.00884501	0.09526981	0.07509861	0.13133487	0.10881879
0.012	0.012	0.28063211	0.25744396	0.40086739	0.49408533	0.67143452
0	0.004	0.03236488	0.04705518	0.01646488	0.04560384	0.56834034
0	0	1.00E-04	1.00E-04	1.00E-04	0.004207	1.00E-04
0	0.004	0.33403972	0.44302251	0.3429314	0.48244484	1.33839615
0.004	0	0.02596266	0.08458403	0.12696262	0.09989804	0.10819762
0	0	0.18193798	0.05126158	0.23429197	0.2226367	0.15234433
0.008	0.008	0.57390495	0.22995715	0.76412189	0.68771557	0.67802815
0.004	0	0.39726338	0.40823607	0.3936583	0.38194483	0.7577493
0	0.004	0.75024483	0.59014911	0.79152323	0.64663329	1.57446099
0	0	0.04777567	0.0712192	0.09149656	0.11038863	0.05450939
0	0	1.00E-04	0.04826825	0.01146727	0.01155841	1.00E-04
0.004	0.004	0.16268849	0.48497873	0.11426312	0.20065788	0.73078596
0	0	1.00E-04	1.00E-04	1.00E-04	0.00225582	1.00E-04

0	0	1.00E-04	1.00E-04	0.00173635	1.00E-04	1.00E-04
0.02	0.016	1.8282737	2.09130103	2.29916646	2.56090265	1.59353731
0	0	0.00599256	0.02107273	0.02115164	0.0259332	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.15125665	0.10188154	0.19504819	0.16944334	0.04722741
0	0	1.00E-04	1.00E-04	1.00E-04	0.00139587	1.00E-04
0	0	1.00E-04	0.00835519	0.00820866	0.00680527	1.00E-04
0	0	0.01932285	0.00482589	0.01630664	0.00808485	1.00E-04
0	0	0.19743145	0.15297477	0.07439497	0.10887061	0.03920743
0.02	0.008	0.3839576	0.49968202	0.52533709	0.83615797	0.25058782
0	0	1.00E-04	0.02871429	0.0074651	0.01245599	1.00E-04
0	0	0.07808012	0.03143758	0.04315893	0.12135571	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.09029762	0.03138568	0.01545823	0.01226812	1.00E-04
0	0	0.02069389	0.10774021	0.03686352	0.03063631	1.00E-04
0.004	0	0.1644765	0.34224181	0.12918732	0.12034989	1.00E-04
0	0	1.00E-04	0.01027821	0.01222036	0.00741041	1.00E-04
0	0	1.00E-04	0.03398533	1.00E-04	0.01052331	1.00E-04
0.004	0	0.0999088	0.12840717	0.07867703	0.07615658	0.04018237
0	0	1.00E-04	0.01593691	1.00E-04	1.00E-04	1.00E-04
0	0	0.22145425	0.26386879	0.17729282	0.33475692	0.25612447
0	0	0.76177077	0.66930511	0.9153701	1.12852032	0.56126122
0	0	1.00E-04	0.01305561	0.04238798	0.0687678	1.00E-04
0	0.004	0.27771153	0.29980574	0.36889413	0.53926011	0.13140014
0	0.004	0.47682651	0.91815476	0.24463213	0.42501134	0.06507428
0	0	1.00E-04	0.02318367	0.01665382	0.01744807	1.00E-04
0	0.004	0.10149779	0.25637127	0.24338997	0.21407902	0.50659431
0.004	0	2.08554587	2.74374661	1.39016821	1.64824872	1.45612113
0	0	1.00E-04	0.05718741	0.00371914	1.00E-04	1.00E-04
0	0	1.00E-04	0.00424663	0.00191073	1.00E-04	1.00E-04
0	0.004	0.07007822	0.14798636	0.11820843	0.11244232	0.16456065
0.175	0.131	1.96935105	2.38632868	1.83244132	1.83389068	1.20184007
0	0.004	1.00E-04	0.10603653	0.16173846	0.12891748	1.00E-04
0.004	0.004	0.14162182	0.09304348	0.1269475	0.14689994	0.45531609
0.012	0.008	0.42180381	0.32848297	0.59063697	0.5163874	0.66767643
0.004	0	0.01541236	0.06923489	0.0685972	0.13087331	1.00E-04
0.008	0	0.18193214	0.11774657	0.20596748	0.15824097	0.27232509
0	0	0.07718633	0.18609322	0.0474541	0.08080006	0.08845973
0	0	0.11472275	0.15441207	0.0741106	0.10006156	1.00E-04
0	0	1.00E-04	0.02866424	0.02232547	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0059943	1.00E-04
0.02	0.02	0.68335393	1.06008767	1.61283104	1.10583708	1.51680852
0.008	0.008	0.18155514	0.29693556	0.29230924	0.35899254	0.02778234

0.012	0	0.6366163	0.88520848	0.56831007	0.78745913	0.37621251
0	0.004	0.00852891	0.07958826	0.076706	0.10733346	0.05681065
0	0	1.00E-04	0.02055147	0.00529369	0.02398421	1.00E-04
0	0	0.03460176	0.04387602	0.06277888	0.0541065	1.00E-04
0	0	0.10914952	0.1582316	0.08318237	0.12712614	0.04972544
0.004	0	0.0233363	0.00933517	0.00465875	0.01089669	1.00E-04
0	0	0.01269052	0.0047967	0.00540894	0.02332482	0.23036949
0	0	0.03603034	0.07543231	0.05518545	0.08145275	0.18186333
0.004	0	0.18394151	0.14827071	0.13668727	0.17494416	0.33367743
0.024	0.012	2.07010516	2.31123795	3.22572924	2.71447707	2.61247199
0.008	0	0.77825375	0.78641375	1.53025031	1.33885163	1.31827301
0	0	0.10125908	0.12836535	0.092492	0.18126076	0.20587412
0	0	1.00E-04	0.00630579	0.01272838	0.01825467	1.00E-04
0	0	1.00E-04	0.03941227	0.01415087	0.05205592	1.00E-04
0	0	1.00E-04	0.03222566	1.00E-04	0.01731006	1.00E-04
0.004	0.008	0.16573575	0.12043036	0.17407034	0.11804675	0.0373073
0	0.008	2.64622182	2.79173207	2.27953925	2.57923134	2.15564522
0	0	0.15436804	0.36596743	0.21991595	0.35213933	0.04504739
0	0	0.0371695	0.05082352	0.02744724	0.0453722	1.00E-04
0.004	0	0.05639885	0.21509143	0.03471954	0.08202569	0.17837109
0.004	0	1.00E-04	0.00748789	0.00785241	0.02757968	1.00E-04
0	0.008	0.74854737	0.63747228	1.27699327	1.1796686	0.53533181
0.004	0.004	0.23670165	0.30928871	0.14833794	0.18501703	0.43038925
0	0	0.07537444	0.08532461	0.13128536	0.11440651	0.10347266
0	0	1.00E-04	0.02187113	0.00412122	0.04486831	1.00E-04
0	0	0.30659283	0.55991414	0.32126878	0.27355941	0.05536594
0	0	0.31476429	0.32466007	0.34969744	0.42055613	0.3176899
0.004	0.008	1.64813046	1.47889769	0.96334951	0.94923035	1.07322933
0.131	0.107	0.01790957	0.20001553	0.24537351	0.16353967	0.39861204
0.012	0.008	1.00E-04	0.00910779	0.02208215	0.01843124	1.00E-04
0.048	0.094	1.93744246	2.08121244	1.97108667	2.48508598	2.14189299
0.004	0.008	0.65377609	0.92131131	0.52872403	0.6225425	0.48297575
0.004	0	1.00E-04	0.0714623	0.0535514	0.03769961	1.01740431
0	0	1.00E-04	1.00E-04	1.00E-04	0.01222359	1.00E-04
0	0	0.0997088	0.11318135	0.20077866	0.13150435	1.00E-04
0	0	1.00E-04	0.03747415	0.0331366	0.02230309	1.00E-04
0	0	1.00E-04	0.00709796	0.00306419	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00715228	1.00E-04	1.00E-04
0.008	0.008	0.36599404	0.45447695	0.37782696	0.4984666	0.18969737
0.008	0.008	0.01670424	0.03338167	0.01692277	0.01791482	1.00E-04
0	0	1.00E-04	1.00E-04	0.00434465	0.00394758	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.02403879	1.00E-04	1.00E-04
0.111	0.131	2.61610391	2.48664525	2.35124334	2.48971017	4.12966116

0.016	0	0.04272567	0.15476247	0.12581468	0.20171086	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.008	0.4057323	0.5086339	0.60186277	0.635379	0.2326861
0	0	0.02748273	0.06718319	0.07887116	0.1274257	0.06890216
0	0	1.00E-04	0.00312894	0.04251348	0.04554118	1.00E-04
0.04	0.037	2.1610381	2.16079946	1.94051466	2.22900692	2.27419775
0	0	0.27875881	0.14269235	0.25969307	0.20091736	0.87625972
0	0	1.00E-04	1.00E-04	0.02126391	0.01718694	1.00E-04
0	0	0.57206136	0.15843524	0.43217949	0.58368833	0.53807014
0.004	0	1.00E-04	0.11762191	0.10872821	0.12054457	1.00E-04
0.028	0.012	1.50458522	1.55313402	1.90971474	2.03739894	2.06657761
0	0.012	0.67577773	0.3481427	0.19164391	0.35072707	0.58897317
0	0	1.00E-04	1.00E-04	1.00E-04	0.00167067	1.00E-04
0	0	0.25632025	0.29263907	0.30044639	0.27129268	0.13040195
0	0	0.01456749	1.00E-04	0.06845686	0.01503607	1.00E-04
0.028	0.012	1.76498682	1.00352303	2.13059811	2.15620569	1.32872888
0	0	0.09812125	0.00714721	0.07038688	0.07274281	0.10669829
0	0	0.05317963	0.03521871	0.040639	0.0721803	1.00E-04
0.004	0	0.58820989	0.40768726	0.72827355	0.79912055	0.46908564
0	0	0.85066059	0.71105587	0.93745885	0.90318036	0.65646061
0.004	0.004	0.65606156	0.57216331	0.52269205	0.60352333	0.88797467
0	0	0.10828375	0.05204772	0.07697982	0.12752463	0.44022074
0	0	1.00E-04	1.00E-04	1.00E-04	0.01697132	1.00E-04
0	0	1.00E-04	0.00390062	0.04124778	0.00582889	1.00E-04
0	0	0.03108447	1.00E-04	0.00722361	0.01836445	0.05663174
0	0	1.00E-04	1.00E-04	0.00577903	0.00211968	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00288198	1.00E-04	1.00E-04
0	0.004	0.02690676	0.03487258	0.01688973	0.03452638	1.00E-04
0.004	0.008	0.46388702	0.35538801	0.46859475	0.55380563	0.42492068
0.004	0	0.11557362	0.11331511	0.03789497	0.05003498	0.06018891
0	0	0.07037487	0.0641961	0.02983707	0.01956158	0.16237703
0	0	0.11988642	0.12079528	0.0994998	0.14059197	0.06452175
0	0	0.00831618	1.00E-04	0.00297307	0.00347821	0.1325918
0.008	0	1.71183339	1.86923284	1.64522588	1.7672019	1.38964082
0	0	1.00E-04	0.00722892	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00392467	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00236942	1.00E-04	1.00E-04
0	0	0.03635998	0.02585182	0.0345549	0.02653159	1.00E-04
0	0	1.00E-04	0.01086503	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01482741	0.02668484	0.02916192	1.00E-04
0	0	1.00E-04	0.02026404	0.01373236	0.00144164	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0036175	1.00E-04
0	0	1.00E-04	0.0137865	0.00688687	0.00203298	1.00E-04
0	0	0.08236881	0.0709996	0.03740171	0.01250073	0.11736494
0	0	1.00E-04	0.00422669	0.004896	0.01051051	1.00E-04
0	0	0.10990436	0.13552797	0.104832	0.05012155	0.21654067
0	0	0.16169403	0.1173886	0.07854414	0.10687887	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00846856	0.0086502	1.00E-04
0	0	0.01104677	0.0792763	0.12782925	0.1665446	0.1199586
0.004	0	0.03369471	0.04576433	0.12050118	0.01425918	0.0320294
0	0	0.00932051	0.0601185	0.09006987	0.02620299	0.14098521
0	0	1.00E-04	1.00E-04	0.00454415	0.02516216	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02092643	0.00517465	0.01196227	0.07424525
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02987068	1.00E-04	0.00333814	0.00292197	1.00E-04
0.004	0	0.10646168	0.14063023	0.12662952	0.18148496	0.07830188
0	0	1.00E-04	1.00E-04	0.00165361	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00114122	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00290209	1.00E-04
0	0	1.00E-04	0.01927813	0.01672329	0.03636722	1.00E-04
0	0	0.18417008	0.14121039	0.17721408	0.26286815	0.1472145
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0029141	1.00E-04
0	0	0.08009512	0.07189308	0.05978478	0.05175239	1.00E-04
0	0	1.00E-04	0.04339058	0.01446502	0.03394343	1.00E-04
0	0	1.00E-04	0.05630697	0.05279845	0.07416901	1.00E-04
0	0	0.03910965	0.02991685	0.02705815	0.01762847	0.13020371
0.004	0	1.00E-04	0.02507126	0.00488553	1.00E-04	1.00E-04
0	0	0.03096465	0.0056275	0.02587135	0.03011716	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00462926	1.00E-04
0	0	1.00E-04	0.00928695	0.00447111	1.00E-04	1.00E-04
0	0	1.00E-04	0.02829648	0.01306687	0.01026698	1.00E-04
0	0	1.00E-04	0.00508709	0.00263732	1.00E-04	1.00E-04
0.119	0.053	2.28261584	2.1127541	3.18295475	1.97716888	3.30086461
0	0	0.13364076	0.1240215	0.39933782	0.08532476	0.46486549
0	0	1.00E-04	1.00E-04	1.00E-04	0.00183206	1.00E-04
0	0	1.00E-04	0.0367038	0.06135332	0.03104647	1.00E-04
0	0.004	0.7438284	0.52001318	1.03134871	1.01908736	0.44699917
0	0	0.20634141	0.1197405	0.58939432	0.34942304	0.1152805
0	0	1.00E-04	1.00E-04	0.00256816	1.00E-04	1.00E-04

0	0	0.21347106	0.25931742	0.44374307	0.61356033	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.002594	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.37732804	0.46637818	0.41665918	0.63400357	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01152578	1.00E-04
0	0	1.00E-04	0.03002628	0.007913	0.01680242	1.00E-04
0	0	0.14799484	0.1659825	0.18984653	0.27124571	0.20619884
0	0	0.01501896	1.00E-04	0.01374686	0.0075264	1.00E-04
0	0	0.04521801	0.08622618	0.08313075	0.09148677	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.42463417	0.2054811	0.16818904	0.1319845	0.40982147
0	0	1.00E-04	1.00E-04	0.00132631	1.00E-04	1.00E-04
0	0	0.23431781	0.18660094	0.26781964	0.36092614	0.61512365
0	0	0.23005666	0.27338794	0.45542764	0.56528507	0.04472441
0.004	0.004	0.50756866	0.87036563	0.50970626	0.50946116	0.17683392
0.127	0.078	1.01620394	1.16898156	0.6982918	0.90816766	2.11202277
0	0	0.02075754	1.00E-04	0.00320086	0.00290831	1.00E-04
0	0	0.07193601	0.04933639	0.11450614	0.10228671	1.00E-04
0	0	0.06185484	0.02726929	0.01183761	0.01780858	1.00E-04
0.012	0.008	0.48498964	1.1087077	0.74293432	0.89015418	0.54463972
0.012	0.02	0.6286104	0.63944108	0.29148426	0.37639455	0.88929434
0	0	0.05401998	0.19525323	0.06897603	0.08539491	0.0746496
0.004	0.008	0.69967498	0.89194691	1.11870905	1.06264972	1.14818113
0	0.004	0.69138617	0.77171818	0.60124105	0.70947759	0.55856127
0	0	1.00E-04	0.03361494	1.00E-04	0.00190419	1.00E-04
0	0	1.00E-04	1.00E-04	0.00415883	1.00E-04	1.00E-04
0	0	0.15184585	0.09331291	0.04807063	0.05512263	0.04902479
0	0	1.00E-04	0.05847236	0.0241254	0.04325838	1.00E-04
0	0	0.06124552	0.10861863	0.08245856	0.04742607	0.22314329
0	0	1.00E-04	1.00E-04	0.00578301	0.00420066	1.00E-04
0	0	0.09336324	0.07980191	0.03467265	0.10514379	1.00E-04
0	0	1.00E-04	0.02156324	0.05513575	0.07073688	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00089604	1.00E-04
0	0	0.00787313	0.07442448	0.02061393	0.04396337	1.00E-04
0	0	0.09439623	0.17602562	0.17745072	0.23229119	0.34006341
0.004	0	0.08418787	0.11704689	0.08588114	0.16098213	0.04909605
0	0	0.27265324	0.13867932	0.14767838	0.11660827	0.11493402
0	0	0.9862979	1.11292574	1.53883582	1.01887501	1.21053749
0	0	0.02543946	0.09241582	0.00667181	0.01797807	1.00E-04
0	0	0.32760822	0.86588748	0.36168539	0.61867269	0.19393617
0.004	0	1.22588286	1.1961442	0.92005388	1.13772204	0.73742799
0.028	0.02	0.74178227	0.75106296	0.97008932	1.0298692	0.93781634
0.008	0.008	1.00665697	0.89459645	1.17818466	1.22410686	1.53836706

0.004	0	1.00E-04	1.00E-04	0.01879572	0.0244913	1.00E-04
0	0	1.00E-04	0.01428601	0.018116	0.01473285	1.00E-04
0	0	1.00E-04	1.00E-04	0.00119608	0.00174897	1.00E-04
0.004	0.012	0.42793886	0.41768799	0.51044107	0.6753388	0.28743688
0.004	0.008	0.13827817	0.20948534	0.14651805	0.3082947	1.00E-04
0.004	0.004	0.13091067	0.3083887	0.21728732	0.269105	0.26607903
0	0	1.00E-04	0.01331352	0.01185051	0.00740156	1.00E-04
0	0.004	0.0587244	0.28535772	0.18509293	0.23402521	0.08692059
0.194	0.205	4.41053194	4.29258441	4.32737682	4.3165302	4.2114118
0	0	0.04011028	0.02088393	0.04259146	0.03856107	0.04800175
0	0	1.00E-04	0.02102786	0.03069244	0.04074462	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.09454828	0.07731029	0.08646206	0.08163325	0.39631683
0	0	0.00883022	0.01130945	0.03658602	0.04068244	1.00E-04
0.004	0	1.66105745	1.22483356	1.19709623	1.22843876	2.11074253
0.004	0.008	0.0315534	0.09551814	0.03822489	0.10679615	0.0796902
0	0.004	0.16360147	0.11690859	0.19761782	0.29817372	0.30405533
0	0	1.00E-04	0.05588578	0.0249349	0.02002367	1.00E-04
0	0	0.04110797	0.05680167	0.05430508	0.06393708	0.10618824
0.004	0	0.42541455	0.72421931	0.23809526	0.36556408	0.35231438
0	0	0.51550533	0.59413684	0.54597302	0.51147181	0.04962565
0	0	0.11068265	0.01571899	0.03335089	0.02563279	1.00E-04
0	0	0.0206003	0.06582202	0.04221464	0.07039404	1.00E-04
0.004	0	0.77975234	0.80502944	0.92391443	1.0063644	0.64484119
0	0	1.00E-04	0.05225179	0.02880245	0.04239225	0.05229634
0.008	0.004	0.46931764	0.69436333	0.80343061	0.70473626	0.80507714
0.016	0.016	1.4148332	1.28071927	1.70281746	1.72070607	1.56362666
0	0	1.00E-04	0.00563575	0.03038183	0.02970679	1.00E-04
0	0	1.41290924	1.62609685	1.70531299	1.35951386	0.61496474
0.004	0	0.08135846	0.09423572	0.03391075	0.03896649	0.10609521
0	0	1.00E-04	1.00E-04	0.00546533	0.00872195	1.00E-04
0	0	0.02059316	1.00E-04	0.0054996	0.0090569	1.00E-04
0	0	1.00E-04	0.01449477	1.00E-04	0.00302005	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.40764598	0.42886084	0.46618316	0.47862754	0.22856914
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.036	0.033	1.59559254	1.87392368	1.45371465	1.58371838	1.99834809
0	0	1.00E-04	0.02729498	0.01963276	0.0185876	1.00E-04
0	0	0.11826729	0.07655079	0.14614797	0.13301502	0.26884727
0	0	1.00E-04	0.01538959	0.03159114	0.03897089	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00341566	1.00E-04
0	0	0.0793291	0.14180567	0.17186052	0.07400697	1.00E-04
0	0	1.00E-04	1.00E-04	0.0060994	1.00E-04	1.00E-04

0	0.004	0.53552678	0.72822957	0.60108781	0.4921738	0.99719517
0	0	0.01532464	0.02261276	0.01405439	0.02388115	1.00E-04
0.139	0.119	3.05902434	3.4411131	3.4041037	3.60494113	3.54602672
0.004	0.004	0.26940311	0.2727223	0.39059833	0.46771507	0.56637389
0.095	0.094	2.0611389	2.32701827	2.26922988	2.62503649	2.47803073
0	0	1.00E-04	1.00E-04	1.00E-04	0.00146425	1.00E-04
0.016	0.012	1.68036167	1.37834462	2.08178713	2.11157533	1.21140273
0.016	0.008	1.24372569	1.73302438	2.32695071	1.61057931	2.26939008
0.012	0.008	0.88634344	1.82603049	1.81094933	0.92361964	2.22065692
0	0	0.13427715	0.62861538	0.18088103	0.42529699	0.93651549
0	0	1.00E-04	1.00E-04	0.00130659	0.00793033	1.00E-04
0	0	1.00E-04	0.02397287	0.01081292	0.00177075	1.00E-04
0.012	0.016	0.66076793	0.50313086	0.31916066	0.3411343	0.27888102
0	0	0.44059479	0.6873498	0.50943677	0.50084764	0.24671879
0.004	0	1.64435491	1.78822221	1.38229641	1.28446031	0.52080811
0.008	0	0.54891527	0.69912119	0.67174127	0.88441386	0.36601346
0.004	0	0.25732585	0.46259395	0.46581309	0.50730562	0.22819606
0	0.004	0.12398298	0.11030678	0.14617586	0.11724504	0.37069184
0	0	1.00E-04	0.01211609	0.03058042	0.03433678	1.00E-04
0	0	0.0178532	0.06148926	0.02297015	0.02888768	1.00E-04
0	0.004	0.48588423	0.65865497	0.42397269	0.53918017	0.50095172
0	0	0.08559664	0.03244978	0.00581341	0.00891323	1.00E-04
0.004	0.012	0.5563825	0.64926632	0.26716438	0.29180715	0.66057963
0	0	1.00E-04	0.01229781	1.00E-04	0.00143744	1.00E-04
0	0	1.00E-04	1.00E-04	0.00638877	1.00E-04	1.00E-04
0	0	1.00E-04	0.0075507	1.00E-04	1.00E-04	1.00E-04
0	0	0.02953895	0.15611162	0.01583756	0.07343039	0.11894082
0	0	0.12447965	0.22601793	0.09458276	0.09332923	0.09245413
0	0.004	0.05132792	0.11598483	0.03011911	0.08585424	1.00E-04
0	0	1.00E-04	0.00851851	0.01074115	0.05600943	1.00E-04
0.056	0.053	1.60550444	1.75299086	1.67879907	2.00106683	1.90770379
0.075	0.07	2.79438957	3.19535708	2.39010211	2.3777413	2.55467865
0	0	0.17267965	0.39375823	0.09478373	0.12140554	1.00E-04
0.004	0.008	0.41113731	0.34922777	0.67618466	0.72659556	0.03910668
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.03336629	0.01022156	1.00E-04
0	0	0.64958231	1.25613601	0.39167692	0.34314907	0.29995838
0	0	1.00E-04	0.02606811	0.07153938	0.05842882	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00179373	1.00E-04
0	0	0.07679667	1.00E-04	1.00E-04	0.013301	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.20521251	0.16060743	0.29800142	0.27195679	0.16536611

0.008	0.008	1.67873718	2.12866424	1.64061363	1.83261918	1.50121504
0	0	1.00E-04	0.01759004	0.00263392	0.0038814	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.04062546	0.01605487	1.00E-04
0.012	0.016	1.32679933	0.71593836	1.86315299	2.01854329	1.68331307
0.004	0	0.34252356	0.4185084	0.45941483	0.2335926	0.39781524
0.004	0.004	0.22383487	0.31932487	0.21836961	0.25874049	0.35317485
0.004	0	1.00E-04	1.00E-04	0.03055157	0.02612884	1.00E-04
0	0	1.00E-04	0.04334494	0.03794439	0.02153901	1.00E-04
0	0	0.0838386	0.11011888	0.05256806	0.02557955	1.00E-04
0	0	1.00E-04	0.00662972	0.00979748	1.00E-04	1.00E-04
0	0	1.00E-04	0.02132197	0.05315021	0.07243161	1.00E-04
0	0	0.04975129	0.10995484	0.0709756	0.04946871	1.00E-04
0	0	0.03859259	1.00E-04	0.00380476	0.00789523	1.00E-04
0	0	1.00E-04	0.0612199	1.00E-04	0.00269418	1.00E-04
0.008	0	0.16127585	0.15961399	0.08677183	0.08074216	0.20676357
0	0	0.0112594	0.01445793	0.02826323	0.06714174	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.01477239	0.0165981	0.07545096	0.03993666	0.26025041
0.028	0	0.94727845	1.04296555	0.82077273	0.64974165	1.34019394
0.024	0.016	1.68233329	1.65843739	1.88401596	1.58942476	1.20383492
0	0	0.05712929	0.02121545	0.02423183	0.07589799	0.07487569
0.004	0	0.13371455	0.10097289	0.12941937	0.15535487	1.00E-04
0	0	0.01502206	1.00E-04	0.00952429	0.00398283	0.24116868
0.012	0	0.38745434	0.28567232	0.10157608	0.11197693	0.78886404
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00592059	0.00693541	1.00E-04
0	0	0.02772317	0.02855628	0.01930284	0.03305937	1.00E-04
0.036	0.033	1.56121401	1.55890725	1.31080116	1.583226	1.82415532
0	0	0.19800552	0.24558431	0.08530782	0.15330863	0.18215125
0.004	0.008	0.14766237	0.2157406	0.15319737	0.25848568	0.08311069
0.012	0.016	1.85017611	3.25941274	2.29731687	2.40744251	1.54305569
0.004	0.004	0.09689111	0.09081532	0.06345478	0.07505991	0.1078939
0	0	1.00E-04	0.0047342	0.00191073	0.0014374	1.00E-04
0	0	1.00E-04	0.0371775	0.01544518	0.01619112	1.00E-04
0	0	0.23567594	0.14393656	0.11181944	0.20982035	0.25343984
0.004	0	0.2665126	0.23855048	0.31374628	0.33338628	0.58639877
0	0	0.09400445	0.06286087	0.06816312	0.13086634	0.04764173
0	0	1.00E-04	0.02622573	0.02421859	0.02704605	1.00E-04
0	0	1.00E-04	0.01418305	0.00864536	0.01742545	1.00E-04
0	0	1.00E-04	1.00E-04	0.00590412	1.00E-04	1.00E-04
0	0.004	0.07205712	0.14478312	0.12743333	0.12236519	0.02923623
0	0	1.00E-04	1.00E-04	1.00E-04	0.0040386	1.00E-04
0	0	1.00E-04	1.00E-04	0.00807271	0.00613681	1.00E-04

0	0	1.00E-04	0.00538224	0.00548201	0.00150686	1.00E-04
0	0	1.00E-04	0.01872703	1.00E-04	0.09088228	1.00E-04
0	0	0.24381998	0.22441676	0.37198151	0.20238438	0.09538517
0	0	1.00E-04	1.00E-04	1.00E-04	0.00373988	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.15664841	0.14307629	0.27012447	0.21581291	0.21553446
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00617924	1.00E-04
0	0	1.00E-04	0.02686486	0.02701264	0.02820431	1.00E-04
0	0	1.00E-04	0.0348588	1.00E-04	0.00675974	1.00E-04
0	0	1.00E-04	0.06766657	0.00130332	1.00E-04	1.00E-04
0	0	1.00E-04	0.01265971	0.00190876	1.00E-04	1.00E-04
0	0	1.00E-04	0.01761732	0.00591421	0.00611028	1.00E-04
0	0	1.00E-04	0.03612183	0.0204309	0.01555791	0.05387945
0	0	1.00E-04	0.05577807	0.04436744	0.0185058	1.00E-04
0	0	1.00E-04	1.00E-04	0.00854551	0.01277805	1.00E-04
0	0	1.00E-04	0.01410692	1.00E-04	0.00612882	1.00E-04
0	0	1.00E-04	0.00501031	0.0016607	1.00E-04	1.00E-04
0	0	0.6592933	0.60725034	0.36505105	0.68062851	0.16797127
0	0	1.00E-04	0.01286223	0.03521704	0.01048303	1.00E-04
0	0	1.00E-04	0.03989883	0.01869362	0.05308343	1.00E-04
0	0	0.00892079	0.02535505	0.06628533	0.05926425	1.00E-04
0	0	1.00E-04	0.05668112	0.10520524	0.07862511	1.00E-04
0	0	1.00E-04	0.03166818	0.02548691	0.03593199	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.0447184	0.02802286	0.09146038	0.02378277	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00511822	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01830895	1.00E-04
0	0	0.04324861	0.03268092	0.06378769	0.03641169	0.04768275
0.004	0.004	0.2355886	0.45855907	0.52055077	0.64214777	0.35696536
0	0	0.08561174	0.04942829	0.01622925	0.00416761	1.00E-04
0	0	1.00E-04	1.00E-04	0.02000104	0.00938334	1.00E-04
0.004	0	0.23594825	0.09903421	0.13302432	0.21258424	0.10376439
0.008	0	0.90254597	0.55564115	1.20062185	0.5604693	1.5197253
0	0	1.00E-04	0.02601968	0.02157135	0.04075951	1.00E-04
0	0	0.034435	0.06197052	0.0326371	0.06356948	1.00E-04
0	0	1.00E-04	0.02987857	0.02659056	0.05195119	1.00E-04
0	0	0.01014539	0.03278502	0.01594336	0.02285403	1.00E-04
0	0	0.00704869	0.00587053	0.01084046	0.00208271	1.00E-04
0	0	0.05827479	0.01755301	1.00E-04	1.00E-04	1.00E-04
0	0	0.02862699	0.05900687	0.00202108	0.01426864	1.00E-04
0	0	1.00E-04	0.02357546	0.00724375	0.00279754	1.00E-04
0.052	0.094	1.73606294	1.87006721	2.62199581	2.37897653	2.05838354

0	0	1.00E-04	0.04938303	0.00675951	0.03648639	1.00E-04
0	0	0.14562552	0.12446556	0.21449388	0.22457965	0.10365303
0	0	1.00E-04	1.00E-04	0.00215214	0.00215301	1.00E-04
0.008	0	0.29354245	0.35222196	0.33876174	0.45708432	0.12796607
0.02	0.012	2.37103815	2.4830813	3.17261287	3.33111828	2.73745481
0.012	0.02	2.21840382	1.6730548	1.15787232	1.30112906	2.55732617
0	0	0.0838649	0.10672639	0.02141512	0.04830741	0.48413486
0	0	1.00E-04	1.00E-04	0.00662852	0.00283784	1.00E-04
0.004	0.016	0.16454154	0.17507179	0.27166506	0.40019953	0.18385449
0	0	1.00E-04	0.00615706	0.00202917	0.00681887	0.05894868
0	0.016	0.53782156	0.82678524	1.13046961	1.03577434	1.02449729
0	0	0.08841396	0.21425789	0.22689789	0.17657023	0.17193276
0.004	0	0.29528989	0.28234135	0.5992996	0.5961351	0.47378343
0.008	0.02	0.9417831	0.58588136	0.84331235	0.8329106	0.97588656
0	0	1.00E-04	1.00E-04	0.00222295	0.00486631	1.00E-04
0	0.004	0.36584626	0.36321359	0.17977009	0.16388903	0.26341503
0.155	0.176	2.95343332	3.08520948	2.71040217	3.0577756	3.02966688
0	0	1.00E-04	0.00533198	0.00899246	0.0016792	1.00E-04
0	0	1.00E-04	0.00517109	0.01304387	0.02140553	1.00E-04
0.008	0	0.04692117	0.16247676	0.12546043	0.12239563	0.16285823
0.004	0	0.45638055	0.42718175	0.61871841	0.63372617	0.57785086
0	0	1.00E-04	0.0147397	0.0579543	0.03785945	1.00E-04
0.008	0	0.26656735	0.27609775	0.33133121	0.32789487	0.57953832
0	0	1.00E-04	0.1422588	0.01791261	0.06295909	1.00E-04
0	0	1.00E-04	0.02532441	0.02486733	0.02514759	1.00E-04
0.008	0	1.29926645	1.03638177	1.51063161	1.23007342	1.28596903
0	0	0.10588527	0.17604227	0.14095801	0.20868319	0.03017846
0.008	0.004	0.44083627	0.4789627	0.60258188	0.64453197	0.5354587
0.119	0.127	2.2388459	2.18167694	2.69768331	2.82794456	2.50036856
0.004	0	1.00E-04	0.07164132	0.12465344	0.09684776	1.00E-04
0	0	1.00E-04	0.03207242	0.07624495	0.03597592	1.00E-04
0.016	0.016	0.93981322	1.29174345	1.31639435	1.64381002	1.20715129
0.135	0.135	2.47684763	2.21752064	3.3592502	3.1960506	2.81576602
0	0	0.34713804	0.4345934	0.56120157	0.50029387	0.20217535
0	0.004	0.37617575	0.26700352	0.43377109	0.47216331	0.52716123
0.075	0.102	1.28796547	1.24962613	2.14365657	1.9527854	1.83697316
0.016	0.016	0.1081176	0.13852872	0.29319778	0.28030372	0.06155626
0.016	0.029	0.24982773	0.32344754	0.25320708	0.26381951	0.55215783
0.091	0.111	2.7247501	2.88784014	2.41122268	2.67222756	2.40856101
0.008	0.008	2.39371547	3.42079047	2.04951256	2.30026633	1.89556174
0	0	0.03201416	0.06969023	0.04439734	0.0515575	0.16237703
0	0.004	0.55273565	0.49572948	0.54907505	0.64186549	0.47683814
0.083	0.061	2.49890741	2.51258098	2.35881219	2.58335355	2.04320437

0	0	0.14708282	0.11062918	0.11208655	0.09720656	0.11875097
0	0	1.00E-04	1.00E-04	0.0092803	1.00E-04	1.00E-04
0.044	0.066	1.38353378	1.3417508	2.27084192	1.92445525	1.9962379
0	0	0.09564326	0.08014093	0.06868007	0.09277233	0.10212075
0	0	0.04498399	0.0573686	0.0342987	0.04958227	0.07941135
0	0	0.04504956	0.27168139	0.09948773	0.17567356	1.00E-04
0.02	0.041	1.18957074	1.40380031	1.36958815	1.47328536	1.29196602
0	0.004	0.07765888	0.14267159	0.20975024	0.15067385	0.13366716
0.159	0.119	2.68127798	2.79127617	2.68652409	2.96055946	2.68408796
0	0.004	0.11779286	0.14582056	0.24462671	0.27117165	0.11992345
0.417	0.602	3.91692302	3.83172178	5.21318381	5.20603028	4.62682666
0.067	0.098	2.09192821	2.10240561	2.13632123	2.34519068	2.04689072
0.079	0.098	1.36079251	1.51094177	2.4712129	2.20979106	2.13199384
0.012	0.016	1.5963546	0.87265793	1.15324217	1.12798278	2.09099431
0	0	0.03781348	0.04435888	0.02413126	0.01028343	1.00E-04
0.095	0.107	3.65342802	3.61504619	3.23179465	3.46573369	3.15799614
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0.008	0.86644524	0.5538349	0.31770844	0.3972456	0.2974793
0	0	1.00E-04	1.00E-04	1.00E-04	0.00271333	1.00E-04
0.032	0.074	1.58479735	1.4436239	2.57130324	2.57664438	2.21448958
0	0	0.16417444	0.05651973	0.0898133	0.06019544	0.04909605
0	0	0.14609265	0.09460493	0.09181314	0.09697392	1.00E-04
0	0	0.04245209	0.05846007	0.14067938	0.09332741	0.05981706
0	0	1.00E-04	0.07680409	0.03923977	0.03519987	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00131427	1.00E-04
0.032	0.008	0.60861467	0.58710843	0.76395689	0.89119396	0.56515199
0.044	0.057	1.14762976	1.22563638	1.89345977	1.76907531	1.51869117
0	0.004	1.00E-04	0.00228194	1.00E-04	0.01027156	1.00E-04
0.032	0.02	2.42936529	2.66946788	2.93663522	2.9524221	2.56753236
0	0	1.00E-04	0.0069318	0.00510496	0.01247899	1.00E-04
0	0	0.15651508	0.15509997	0.13220143	0.05654477	0.1026729
0.004	0	0.01916181	0.05737751	0.1074728	0.12183058	1.00E-04
0.008	0	0.63178376	0.56867926	0.56658381	0.66845142	0.34470477
0.317	0.357	4.04159883	4.60961826	4.43642288	4.11265953	4.23025243
0.052	0.066	1.51710829	1.31862121	2.33930029	2.08473453	1.84857901
0.071	0.09	1.13810864	0.97135568	2.17725311	2.21188815	1.1549111
0	0.004	0.21557172	0.25138894	0.3408972	0.31708739	0.1084967
0.008	0.02	0.78579907	0.76082734	1.36578582	1.23603147	0.97726567
0.004	0.004	0.03692275	0.16109627	0.1857033	0.13078711	0.08499945
0.004	0.008	0.18048091	0.40599847	0.10177678	0.16391818	0.06671741
0.016	0.016	0.59120055	0.63373197	1.09331336	1.02288455	0.66477895
0.004	0.02	0.93628553	0.82997494	0.71777728	1.12907635	1.23567837
0	0.004	0.68288341	0.50962257	0.47454604	0.44163087	0.49751974

0	0	0.00641435	0.05969137	0.06770617	0.04709595	1.00E-04
0	0	1.00E-04	1.00E-04	0.00353822	1.00E-04	1.00E-04
0	0.008	0.72937864	0.91927914	0.69281306	0.94273164	1.05703973
0.004	0	0.36334181	0.4389244	0.70909382	0.6691407	0.3438103
0	0	0.02907091	0.05382604	0.07091334	0.13468183	0.15877316
0	0	0.10611617	0.06468428	0.14766028	0.14219445	0.13175226
0.004	0	0.18027087	0.1945525	0.09010224	0.21193508	0.12309673
0	0	1.00E-04	0.00406503	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02433799	0.02138291	0.05962498	1.00E-04
0.599	0.668	5.69126207	5.70352003	6.32357202	6.24721513	5.80431163
0.004	0.004	0.28114869	0.29065376	0.39670492	0.28035199	0.58934006
0	0	0.06224206	0.11191773	0.08941597	0.06627284	1.00E-04
0.25	0.193	3.84975888	4.47841558	4.9133346	4.50556225	4.33724564
0	0	0.07943053	0.01413891	0.03006311	0.03237948	1.00E-04
0	0	0.0095825	0.13705205	0.25199998	0.05531137	0.05010327
0	0	1.00E-04	0.04995318	0.03451905	0.06379137	1.00E-04
0.024	0.037	1.63541243	1.54384937	2.46673687	2.13085483	1.86678763
0.095	0.107	2.91240933	2.89246767	3.63053419	3.58115579	2.99319055
0	0	0.06228066	0.13596525	0.08540368	0.13462802	1.00E-04
0.004	0	0.02581246	0.06924192	0.03733658	0.06036876	1.00E-04
0.04	0.02	1.4232709	1.40978414	2.05658996	1.96996252	1.42663765
0	0	0.04377086	0.01638643	0.03315028	0.04670715	1.00E-04
0.016	0.004	0.21683804	0.12580703	0.11955329	0.1624555	0.36887976
0	0.004	0.53521587	0.68836267	0.55995487	0.53335418	0.21146825
0.008	0.012	0.59101671	0.38900119	0.39764655	0.44023988	0.36856066
0.242	0.27	3.68617192	3.78572191	3.34467531	3.57154617	3.72959213
0.119	0.086	3.50290408	4.8882468	4.11104074	3.67764351	4.69853602
0	0.008	0.55977502	0.40781256	0.65391176	0.60632044	0.77511526
0.127	0.102	3.9329514	4.07673316	4.40355241	4.1837755	3.94592217
0	0	0.08212245	0.05240515	0.0348631	0.0656223	0.11980607
0	0.004	0.37854526	0.40700431	0.4645932	0.52633227	0.34968624
0	0	0.18035003	0.23784831	0.13567112	0.27684855	0.08738744
0	0	0.04044214	0.05529538	0.04440662	0.04032329	1.00E-04
0	0	1.00E-04	0.05931627	0.01323198	0.02530752	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.02069656	0.01291871	1.00E-04
0	0	0.03128902	0.05322016	0.11742914	0.14768448	1.00E-04
0.071	0.037	2.872544	3.5541411	2.94224197	2.97545333	3.25205628
0.008	0	0.41905643	0.52296637	0.7317288	0.75892719	0.54546755
0.016	0	1.29633346	1.08804079	1.68154669	1.35756049	0.95462846
0	0	0.09483101	0.1002166	0.08130254	0.15128937	0.05417245
0.008	0.008	0.19302863	0.12700331	0.4605306	0.40538821	0.04925146
0.079	0.09	2.71793333	2.30537046	2.28277131	2.47989566	2.96101981

0.004	0	0.18349396	0.03018495	0.12427388	0.13507904	0.23794107
0	0	0.02049297	0.01439872	0.02977486	0.05284997	1.00E-04
0	0	0.00762425	0.07511156	0.09519779	0.10905275	1.00E-04
0	0.004	1.00E-04	0.00745644	0.01592685	0.0396272	1.00E-04
0	0	0.07622722	0.0693491	0.03509743	0.05536051	0.13813342
0.008	0.008	0.33350427	0.43536536	0.86435162	0.79532377	0.53379919
0.012	0.008	0.30504506	0.40676814	0.56919581	0.58364154	0.4748488
0.5	0.475	5.03706327	5.06535515	4.88818039	5.05937364	5.22561924
0.29	0.258	3.7600397	3.127137	3.84334624	3.83025059	4.48783436
0	0	0.3376751	0.58634556	0.2732306	0.43167775	0.38697188
0	0	1.00E-04	1.00E-04	1.00E-04	0.00667717	1.00E-04
0	0	0.47336965	0.71783837	0.43590501	0.51575694	0.05418941
0	0	1.00E-04	0.0046287	0.01508125	0.01800787	1.00E-04
0.04	0.029	1.08492348	1.21644193	1.86702365	1.58786824	1.24373033
0	0	1.00E-04	0.02788614	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00803523	0.00828541	0.01311803	1.00E-04
0.036	0.033	2.63581317	2.51087984	2.06087673	2.21770715	1.80644671
0.238	0.287	4.05398274	4.16080492	3.81321154	4.15140249	3.94184568
0.004	0.012	0.96602475	1.03252514	1.63974278	1.54557174	1.01116048
0	0	1.00E-04	0.00847266	0.06813703	0.06573241	1.00E-04
0	0	0.11136723	0.0589753	0.12077194	0.12507783	0.06625448
0	0.004	1.00E-04	0.03588802	0.19700964	0.11101301	1.00E-04
0	0	1.00E-04	1.00E-04	0.00763235	0.02241023	1.00E-04
0	0	0.05138207	0.01809343	0.0851314	0.07280605	1.00E-04
0.004	0	0.2516522	0.25080241	0.55454227	0.44415467	0.04863736
0.028	0.049	1.17658292	1.33893304	1.36321819	1.55940353	1.31743837
0.187	0.152	3.36768988	3.75075095	3.60638243	3.56401882	3.58411862
0.004	0	0.64767883	0.54531942	0.27117804	0.33325856	0.40691811
0	0	0.6305854	0.48533912	0.74353665	0.60508176	0.79353014
0	0	1.00E-04	1.00E-04	0.00290566	1.00E-04	1.00E-04
0.032	0.025	1.00465861	0.81734986	1.50501995	1.29133748	0.93595364
0.004	0.004	1.3868067	1.41996739	1.64864455	1.56311448	1.94842582
0	0	1.00E-04	1.00E-04	0.01293838	0.00341699	1.00E-04
0.46	0.525	7.45765957	7.3620882	7.15757283	7.27156105	6.86572568
0	0	0.07095086	0.07158286	0.15583036	0.10978206	1.00E-04
0	0	0.11481143	0.05887573	0.14431969	0.1892863	0.48406739
0.024	0.008	0.5616495	0.44044782	0.62397459	0.48083918	1.16150596
0	0	0.16636122	0.02466623	0.07938462	0.06558875	0.05229634
0.004	0.008	0.17316115	0.14104433	0.24011921	0.25955645	0.05187124
0	0	1.00E-04	1.00E-04	1.00E-04	0.0132651	1.00E-04
0	0	1.00E-04	1.00E-04	0.02994853	0.00822067	1.00E-04
0.012	0.008	0.1461602	0.25881196	0.25710437	0.19375375	0.39776454
0.012	0.012	0.86417697	0.59272517	1.55469731	1.53971979	1.06198637

0	0	0.04244635	0.03676013	0.02513023	0.01447555	1.00E-04
0.004	0	0.20691372	0.45220348	0.5812537	0.53475543	0.19388987
0.294	0.242	4.55773671	4.89128424	5.27022274	5.11349071	4.86525986
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.02775097	0.0848406	0.10327348	0.14515576	1.00E-04
0	0	1.00E-04	0.00261149	0.02237742	0.02264536	1.00E-04
0	0	1.00E-04	0.02257761	0.00669481	0.00486184	1.00E-04
0	0	0.0260979	0.04433239	0.04655353	0.07278591	0.05187124
0.004	0.012	0.3670594	0.41928434	0.55373172	0.53512324	0.46419409
0	0.004	0.34980022	0.69119391	0.58978942	0.5821782	0.70533135
0	0	1.00E-04	1.00E-04	1.00E-04	0.00283775	1.00E-04
0.004	0	0.1844194	0.35962614	0.32509491	0.52605873	0.23619299
0.024	0.004	0.45200579	0.53662119	0.49448584	0.38840105	0.77176492
0	0	1.00E-04	0.0241023	0.06271256	0.04056604	1.00E-04
0.032	0.033	1.27905778	0.94486116	1.82420288	1.6612425	1.66743312
0	0	1.00E-04	0.00898193	0.00130781	0.00192503	1.00E-04
0.004	0	0.04409815	0.08534832	0.07874786	0.09288792	0.11674273
0.012	0.012	0.58238074	0.34909105	1.00143885	0.97528657	0.48530756
0.004	0	1.48475576	1.86976913	1.48269818	1.40807102	1.55393503
0.004	0	0.13645463	0.11208353	0.3691089	0.26446901	0.60406716
0.004	0	0.19449811	0.30636467	0.46623789	0.42190309	0.28708325
0	0	1.00E-04	0.00914024	0.024456	0.04139076	1.00E-04
0.008	0	0.7426545	0.52509312	0.82172497	0.77894683	0.7378925
0.008	0.008	0.28417535	0.33101356	0.28103351	0.38331756	0.26533168
0.274	0.213	4.2642238	4.55744595	4.50719479	4.49738784	4.73920885
0.008	0	0.23541242	0.22158622	0.35598514	0.2357451	0.11482035
0.012	0.012	0.92638307	1.03404438	2.03654511	1.58751669	0.95152783
0	0	1.00E-04	0.01114186	0.03145905	0.01222359	1.00E-04
0	0	0.12536927	0.05165162	0.04738283	0.05454005	0.09623727
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.016	0.008	0.78020819	1.0157484	1.22420311	1.23360346	0.68660823
0	0	1.00E-04	0.026933	1.00E-04	0.00253101	1.00E-04
0	0	1.00E-04	0.02065676	0.05361899	0.05944517	1.00E-04
0.004	0	1.00E-04	1.00E-04	0.00518852	0.0022037	1.00E-04
0	0	0.11662326	0.03923928	0.03192715	0.01861387	1.00E-04
0.31	0.23	3.54145723	3.02973276	3.55374905	3.19396796	3.71499056
0.012	0.008	0.8296283	0.68705153	1.66000926	1.40345213	1.12689306
0.107	0.119	2.83229174	2.77558534	2.97417555	2.99038485	2.89404632
0	0	1.00E-04	0.00908852	0.02955616	0.03961331	1.00E-04
0	0	1.00E-04	1.00E-04	0.00608893	0.00293963	1.00E-04
0	0.004	1.21950144	1.14287725	1.15869449	1.09738556	1.34802492
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.083	0.041	2.47210076	2.57511183	1.93890244	2.06159762	2.48492632

0	0	1.00E-04	1.00E-04	0.00733173	0.00418446	1.00E-04
0.004	0	0.26017062	0.14208701	0.2919308	0.2913196	0.35633935
0	0	1.00E-04	1.00E-04	0.00613545	1.00E-04	1.00E-04
0	0	0.00793312	0.00672664	0.003022	0.01041765	0.05253243
0.028	0.02	0.75591446	0.49706958	1.27125431	1.2315448	1.07583062
0.008	0	0.0621934	0.05845277	0.04675104	0.0366026	1.00E-04
0.012	0.008	1.4726005	1.37305604	2.168968	2.12269522	1.7274995
0	0	0.02715845	0.04418547	0.08907881	0.14442717	0.16098523
0	0.004	0.029265	0.04655163	0.08959944	0.08169568	0.09545753
0.008	0.004	0.0935274	0.04941201	0.18243389	0.18468257	0.04298493
0	0	1.00E-04	1.00E-04	0.01060375	0.00451697	1.00E-04
0	0.004	0.62654542	0.80766508	0.46027766	0.83346127	0.07015204
0	0	1.00E-04	0.02218004	0.00474069	1.00E-04	1.00E-04
0	0	0.12732186	0.12198295	0.0929649	0.11930837	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.052	0.078	1.50587196	1.69055203	1.71405068	1.94173456	1.42801783
0.004	0	1.00E-04	0.04132006	0.039554	0.03374433	1.00E-04
0	0	0.14338231	0.15714857	0.21516459	0.16229531	0.03658585
0	0	0.05505405	0.01880912	0.04777151	0.03463831	1.00E-04
0	0	1.00E-04	1.00E-04	0.0414507	0.0134352	1.00E-04
0.012	0.012	0.74790148	0.89123366	0.40586411	0.55701396	0.2475064
0	0	0.16422389	0.27217221	0.24832091	0.24155751	0.19511951
0	0	1.00E-04	0.01947218	0.02185407	0.02015727	1.00E-04
0.036	0.029	1.69263149	1.66505044	1.74962943	1.83694914	1.53900045
0	0	0.03661206	0.0457643	0.02434392	0.02772242	0.07696112
0.071	0.02	1.7940612	2.12278637	1.6458848	1.40921618	1.94390497
0	0	1.00E-04	0.00794706	0.03299419	0.02215992	1.00E-04
0	0	1.00E-04	1.00E-04	0.00704112	1.00E-04	1.00E-04
0	0	0.91558637	1.61795561	0.73748666	1.04917279	0.39426297
0.048	0.045	1.93342644	1.96230555	2.78780903	2.5462748	1.74149841
0	0	1.00E-04	0.01740566	0.00492908	0.02793852	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00150503	1.00E-04
0	0	0.11685841	0.13711223	0.28600164	0.22462998	0.12570377
0.008	0.004	0.21663829	0.27136619	0.19159012	0.27364927	0.05663174
0.583	0.537	6.08165599	6.0937951	6.94269542	6.8688239	6.20715735
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	1.00E-04	0.01007659	0.03342352	0.04638452	1.00E-04
0.052	0.025	1.49344373	1.59524514	1.48876969	1.26535012	2.33944523
0.008	0.004	0.6890371	0.51591001	0.55234354	0.65588521	0.93937968
0.028	0.016	1.76639243	1.75611542	2.54411641	2.41301825	2.0548198
0	0	0.51102698	0.53626709	0.80781452	0.76843374	0.4929135
0.508	0.463	4.61833478	3.86164063	4.31708829	4.03345526	5.05664851
0	0	0.03573704	1.00E-04	0.03825165	0.05774202	0.13363837

0.008	0.008	1.41370941	1.57185386	1.80255117	1.75992345	1.33741187
0	0.004	0.41362447	0.12653629	0.05133246	0.08685341	1.00E-04
0.004	0	0.00769314	0.12945459	0.12084668	0.12864617	0.04768275
0	0	0.44888168	0.57540739	0.17991169	0.31728643	0.36084557
0.04	0.045	1.18687315	0.99703651	1.84321354	1.81943308	1.83558648
0.004	0.008	0.23719668	0.28131964	0.56671501	0.46334001	0.52275847
0	0	1.15694331	0.91347671	0.37117346	0.66351177	0.37417588
0	0	0.06598815	0.04513616	0.09607896	0.07372971	0.05098506
0.349	0.34	4.54694226	4.44632047	5.34573799	5.22352881	4.80226675
0	0	1.00E-04	0.05542263	0.09327645	0.07356718	1.00E-04
0.187	0.217	3.67099194	4.02062257	4.40856104	4.43675655	3.78231456
0	0	0.09945294	0.08484654	0.1035394	0.11744364	0.27524108
0	0.008	0.16122497	0.09566736	0.1799707	0.07998279	0.15316755
0.401	0.443	3.45147863	3.16200036	4.34399153	4.27163989	3.94206232
0	0	0.02555363	0.02302979	0.02365872	0.02809836	1.00E-04
0.008	0.004	0.74844319	0.82656122	1.25448499	1.19735378	0.89729063
0.028	0.02	0.42711428	0.52088676	1.00475806	0.78965954	0.66075215
0.079	0.074	2.67903854	2.75284703	2.38062574	2.58971088	2.66250846
0	0	1.00E-04	1.00E-04	0.00118009	0.00252779	1.00E-04
0	0	0.02746795	0.02989547	0.06193061	0.04161524	0.09162723
0.071	0.086	2.31046333	2.24603564	1.83472784	2.2504411	1.95154132
0.004	0.008	0.26055794	0.15459086	0.52420653	0.39228255	0.49091854
0	0	1.00E-04	0.00463858	0.07600044	0.05701144	1.00E-04
0	0	0.07979957	0.06330748	0.04480842	0.03809137	0.07015204
0	0	0.10727118	0.09414015	0.05853112	0.08754322	0.34565171
0	0	0.65220275	0.7821408	0.68316732	0.65146283	0.77844818
0	0.004	1.10233248	0.87349492	0.88655481	1.16961312	1.04078219
0	0	1.00E-04	0.02630603	0.07260267	0.07104307	1.00E-04
0.012	0.004	0.44737233	0.3125894	0.54763359	0.64811011	0.46241881
0	0.004	0.32268306	0.38044241	0.27319851	0.29371287	0.43425724
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.01185368	0.01282662	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00906667	1.00E-04
0.004	0	0.10296726	0.25186147	0.09034671	0.0661769	0.51450652
0	0.004	0.02983236	0.07421087	0.0680482	0.08842114	1.00E-04
0.012	0.008	2.60682138	3.1524354	2.49009068	2.54362381	2.84896643
0.274	0.246	3.03616049	3.34818448	2.75448652	3.07724648	3.11454013
0	0.012	0.51701952	0.42613296	0.88662946	0.80526282	0.56301763
0	0	0.03132264	0.00432251	0.0267073	0.02746477	0.14930017
0	0	0.08366609	0.19022331	0.15911696	0.14738852	0.44848369
0.004	0	0.35929329	0.55263978	0.20583224	0.31598689	0.48695789
0	0	1.00E-04	1.00E-04	0.01662395	0.02622174	1.00E-04
0	0	1.00E-04	0.00985897	0.00564404	0.01667358	1.00E-04

0	0	0.11260702	0.29768228	0.12355549	0.11893734	0.19920414
0.004	0	1.00E-04	0.02470042	0.04013416	0.06259943	1.00E-04
0.004	0	0.20063344	0.17879921	0.29008077	0.26644153	0.19080796
0	0	1.00E-04	0.01077911	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.1475126	0.50774058	0.29927562	0.21450407	0.13181713
0.639	0.713	5.15096623	5.12185123	6.4426207	6.16647205	5.58336016
0	0	1.00E-04	0.04394018	0.05813905	0.05029812	1.00E-04
0	0	0.01900308	0.03180539	0.08124379	0.06987501	0.0501214
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.008	0.55552689	1.00121157	0.61014721	0.78213384	0.47690238
0	0	1.00E-04	1.00E-04	0.0052479	0.00278057	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0385462	1.00E-04	0.0031595	1.00E-04
0	0	1.00E-04	0.00514817	0.01097334	0.00712566	1.00E-04
0.016	0	1.00E-04	0.03723221	0.03182601	0.03743298	0.21161219
0	0	0.29519217	0.10724831	0.07512495	0.09953515	1.00E-04
0	0	0.1951553	0.24524447	0.16828166	0.17746313	0.16426554
0	0	1.00E-04	1.00E-04	1.00E-04	0.00347187	1.00E-04
0.008	0	0.17000982	0.14047761	0.33737456	0.25795369	0.41157613
0.032	0.012	0.94739622	0.91373474	1.27574618	1.32143908	0.73782462
0	0	1.00E-04	1.00E-04	0.01200407	0.02268397	1.00E-04
0.016	0.012	0.62515626	1.03795712	1.09063916	0.98106665	0.75271422
0.036	0.008	0.63839128	0.58137966	0.42715216	0.53959408	0.55806396
0	0	0.06629813	0.05404615	0.02736412	0.05242099	1.00E-04
0	0	0.05208354	0.04429163	0.05930421	0.05363153	0.09592895
0	0.004	0.01326275	0.07758603	0.04659888	0.05131303	0.09638354
0.175	0.184	0.00899921	0.18444045	0.14980684	0.15545993	1.00E-04
0.052	0.008	1.52647188	2.09893671	2.91173258	2.57766355	4.24771197
0	0.004	1.34541671	1.60622753	2.06262142	1.92630094	1.4531938
0.004	0.012	0.05461312	0.13503496	0.25058417	0.23357964	0.27266132
0.131	0.119	2.04899369	1.66168727	2.68091601	2.33546864	2.63996294
0	0	1.00E-04	0.01080221	1.00E-04	0.00442533	1.00E-04
0	0	1.00E-04	0.01432798	0.05927683	0.02192511	1.00E-04
0.004	0	0.16003257	0.09346365	0.16335716	0.15830773	0.05612445
0.012	0	1.00E-04	0.02419744	0.0238226	0.0134496	1.00E-04
0.02	0.012	1.10215016	1.03479485	1.75566831	1.54066743	1.1574776
0.032	0.066	1.6543356	1.82306878	2.5813458	2.5002084	1.8102849
0	0	1.00E-04	1.00E-04	0.00140707	1.00E-04	1.00E-04
0.004	0	0.26636024	0.5477069	0.54823077	0.51555446	0.44163731
0.032	0.029	0.03904957	0.0665461	0.18659226	0.20173754	1.00E-04
0.02	0	0.74283065	0.82747049	0.72344194	0.73042838	0.61898259
0	0.008	0.31054424	0.27328687	0.17550623	0.19789972	0.25977781

0	0	1.00E-04	0.00728107	0.00497625	0.00548448	1.00E-04
0	0	1.00E-04	0.03241611	0.01297068	0.02992994	1.00E-04
0.04	0.02	0.64470753	0.97645719	0.72699223	0.6912577	1.17776665
0.004	0.004	0.29288469	0.26010051	0.40871492	0.34409021	0.31982385
0.004	0	1.45220606	1.52822263	1.42053152	1.57614593	0.81630627
0.004	0.008	0.36444233	0.49327267	0.66465954	0.56864705	0.56947697
0.044	0.025	0.71937596	0.95072104	1.13992936	1.31851259	1.40003749
0	0	1.00E-04	1.00E-04	0.00713713	0.00251985	1.00E-04
0	0	1.00E-04	0.01268525	0.0087807	0.0217131	1.00E-04
0	0	0.06737916	0.13855165	0.04025988	0.03543731	0.13689932
0	0	1.00E-04	0.05073842	0.01494484	0.0500662	0.25943861
0.012	0.008	1.23743395	1.46223524	1.29681807	1.27807169	1.33035421
0.087	0.049	1.19271637	1.29672092	1.36184559	1.20243732	1.67448918
0	0	1.00E-04	1.00E-04	0.00125644	0.00743819	1.00E-04
0	0	1.00E-04	0.01466487	0.04201142	0.0305991	1.00E-04
0.552	0.566	5.08925985	5.27162026	4.85092258	4.95558479	5.26253632
0	0.004	0.22489128	0.19444981	0.40540657	0.37775531	0.49297462
0	0	0.75361303	0.62330793	1.12550533	1.07506747	0.88352874
0	0	1.00E-04	0.03513954	0.06588192	0.04449256	1.00E-04
0.04	0.033	2.00669077	1.97138636	1.95797033	2.13881049	1.97382055
0.012	0.025	0.95542189	0.74647714	1.3801079	1.20929959	1.21190079
0.032	0.016	0.70381341	0.77530893	0.84704299	0.72888986	0.73200657
0.012	0.004	0.25442966	0.20266352	0.54757307	0.46949751	0.31982872
0.048	0.025	2.1882607	2.46329345	2.28017283	2.37279033	2.15700056
0.008	0.004	1.27170438	1.6015476	1.36155264	0.8028268	2.91776152
0	0	0.00692151	0.04806695	0.09964438	0.07584381	1.00E-04
0	0	1.00E-04	1.00E-04	0.00210888	0.00285242	1.00E-04
0	0	1.00E-04	0.01520263	0.05710651	0.0364108	1.00E-04
0	0	0.22500637	0.151756	0.30939925	0.28194042	0.1127426
0	0	0.05777892	0.10839484	0.17132985	0.15264103	1.00E-04
0	0	0.02137121	0.0351271	0.05151784	0.06593885	0.09006867
0.004	0.012	0.78708359	0.91082542	0.84900244	0.94496684	1.16752486
0.008	0.004	0.75992742	0.78383708	1.35331584	1.46724336	0.66865767
0.004	0	0.08352344	0.07921029	0.0617931	0.20595023	1.00E-04
0.008	0	0.54198407	0.44341416	0.63569802	0.67093775	0.78798422
0	0	1.00E-04	0.01716766	0.03565733	0.02218076	1.00E-04
0.016	0.004	0.41498369	0.48542293	1.00754642	0.85771046	0.41119833
0	0	0.20286821	0.2342467	0.21982674	0.33778907	0.40054585
0.044	0.041	1.69960912	2.08521266	1.84454733	1.91666663	1.66052953
0	0.008	0.08250442	0.10126411	0.23982731	0.19221206	0.04632219
0.044	0.045	1.50796638	1.33748284	2.36402585	2.1160859	1.92440559
0.012	0.008	1.62194858	1.29153702	0.95599881	1.07502922	1.45521443
0.012	0.008	0.57088081	0.97918767	1.16249346	1.1176257	0.97992838

0	0	0.0757297	0.06626863	0.03563719	0.01258237	1.00E-04
0	0	1.00E-04	1.00E-04	0.00413915	0.00591258	1.00E-04
0	0	1.00E-04	0.04042261	0.06141155	0.05987042	1.00E-04
0.008	0.004	0.54112556	0.34443544	0.43836429	0.38024664	1.14061148
0	0	1.00E-04	1.00E-04	0.00352578	0.02058947	1.00E-04
0.381	0.389	3.83593889	3.21018327	4.83384158	4.75077523	4.17702859
0	0	0.13139987	0.11051892	0.104583	0.11320417	1.00E-04
0	0	1.00E-04	0.01483811	0.0077087	0.02844658	1.00E-04
0	0.004	0.05301976	0.01864709	0.07208782	0.07896266	0.08512994
0	0	1.00E-04	0.03914308	0.05557594	0.05179689	1.00E-04
0	0	1.00E-04	0.00809848	0.00601569	0.00485891	1.00E-04
0	0	1.00E-04	1.00E-04	0.00894694	0.00490776	1.00E-04
0	0	1.00E-04	1.00E-04	0.01550304	0.00721221	1.00E-04
0	0	0.2312359	0.37819121	0.14390664	0.24746451	0.04927424
0	0.004	0.03241946	0.04158285	0.04153226	0.04764067	0.11123326
0	0	0.54878295	0.45620499	0.72019452	0.69761842	0.38784073
0	0.004	0.09448926	0.12141225	0.2460376	0.26106718	0.14105457
0	0	1.00E-04	1.00E-04	1.00E-04	0.00302054	1.00E-04
0.048	0.094	1.4185589	1.60301786	2.10788999	2.02679786	1.73415473
0.044	0.07	2.56441469	2.52989966	2.61432689	2.70072639	2.61892799
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.004	0.30397507	0.33624726	0.49164101	0.47741976	0.39808871
0	0	1.00E-04	1.00E-04	0.01571796	0.02889863	1.00E-04
0	0	0.01089843	0.00900962	0.07751637	0.04660823	0.0539929
0	0	0.61427447	0.49936661	0.45780019	0.51753581	0.5839132
0.206	0.172	3.32025685	3.44756431	3.08010751	3.20807937	3.63521801
0	0	1.00E-04	0.00655367	0.00192992	0.00234464	1.00E-04
0	0	1.00E-04	0.01854401	0.06363418	0.072824	1.00E-04
0.004	0.008	0.06715336	0.1610475	0.12065464	0.20201145	0.49488634
0.012	0	1.61998129	1.8872541	2.11565643	2.06756147	1.88724193
0	0	0.26433845	0.17548756	0.24510468	0.27687069	0.13855666
0.024	0.086	1.37641617	1.35651001	1.82407369	1.7594386	1.48661576
0.004	0.004	0.14239988	0.27058203	0.33161063	0.38445458	0.16357626
0	0	0.01467602	0.02787947	0.04477676	0.0273711	0.06370301
0	0.004	1.00E-04	0.00876223	0.04675133	0.04599593	1.00E-04
0.008	0.008	1.82381695	2.23960031	2.45648533	2.41553807	1.3033877
0	0	0.04385789	0.01522286	0.02915038	0.04133725	1.00E-04
0	0	0.05946758	0.02687467	0.11448551	0.12304748	0.10756484
0	0	0.04756726	0.04472761	0.04676314	0.03602524	1.00E-04
0	0	0.01056081	0.0295794	0.02309144	0.02677198	1.00E-04
0.004	0	0.03406486	0.08601687	0.14045594	0.13475328	0.12505763
0	0.004	0.04227814	0.03926353	0.12220526	0.10384947	0.08403101
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0	0	1.00E-04	1.00E-04	0.00288128	0.00579997	1.00E-04
0.139	0.127	2.47793838	2.47365199	3.161689	3.04961009	2.75849823
0.198	0.168	3.56702683	3.84369668	3.38283804	3.79183853	3.32156887
0	0.008	0.40577878	0.40741132	0.39834032	0.45578684	0.46371631
0	0	1.00E-04	0.06194168	0.05115453	0.07312703	1.00E-04
0.099	0.057	2.18750108	2.08872369	1.85077543	2.17407126	1.86585102
0.004	0	0.20292903	0.272409	0.26280316	0.30947845	0.1383429
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.99054288	0.91972065	1.01790007	1.08221833	0.72354381
0	0	0.00927403	0.01229287	0.00260921	0.02489302	1.00E-04
0.163	0.205	2.68243179	2.50420202	3.65976811	3.45340404	3.01825454
0	0	1.00E-04	1.00E-04	0.02541363	0.00456277	1.00E-04
0.016	0.037	0.75484096	0.77610132	1.50085995	1.26372556	0.83722296
0.004	0.004	0.49799117	0.47440981	1.11490342	1.0383583	0.88789148
0.103	0.057	4.18834647	3.8693801	5.02283288	4.94637885	4.25284483
0.21	0.139	2.91426881	3.0392971	3.29771232	3.00794447	3.19450006
0	0	0.12267747	0.15030343	0.29602359	0.24768231	0.25150007
0.012	0.004	0.14688807	0.25960952	0.28485159	0.40277019	0.2981459
0	0.004	1.00E-04	0.0253385	0.02799195	0.05624344	1.00E-04
0	0	0.40250492	0.55464909	0.87593913	0.7837052	0.45650414
0.052	0.025	1.005175	1.05324476	1.81111082	1.67980513	1.13129197
0.052	0.041	1.63912357	1.46854352	2.08285368	1.97362285	1.75963683
0.004	0	0.32903328	0.60313475	0.33821877	0.24312372	0.48307427
0	0.004	0.05852091	0.02935095	0.16178594	0.08848789	0.04319948
0.004	0	1.00E-04	0.03328481	0.08992106	0.06147155	1.00E-04
0	0	0.01161947	0.02566687	0.10180657	0.10881496	0.05115835
0	0.004	1.00E-04	0.02992849	0.02812167	0.04412892	1.00E-04
0.004	0.004	0.34053766	0.35792736	0.33487658	0.34300731	0.34362952
0	0	0.0190006	0.09221316	0.15986763	0.14773825	0.11002328
0	0	1.00E-04	0.01090416	0.01150594	0.01975421	1.00E-04
0.032	0.012	1.52336672	0.98262161	1.48757566	1.32438767	2.12898719
0	0	0.28487167	0.24296879	0.32473964	0.35620629	0.38789645
0	0	0.0892263	0.13095172	0.25156278	0.16615048	0.24015833
0	0	0.26701122	0.26106919	0.23234272	0.26072924	0.09538517
0.008	0.012	0.53851434	0.46287723	0.91816257	0.71856693	0.801952
0	0	0.00706687	0.01575919	0.07118873	0.09174633	1.00E-04
0	0	1.00E-04	0.02576084	0.06487669	0.05285953	1.00E-04
0.111	0.111	2.16720896	2.05925763	3.01967118	2.7439589	2.75680689
0	0	0.40893146	0.26868371	0.25973056	0.32247108	0.49609597
0	0	0.00706687	0.07118861	0.07549621	0.09093622	0.04595937
0	0	0.15361612	0.08765789	0.12268865	0.09038201	0.22254115
0.004	0	0.23415277	0.2473147	0.04863257	0.06927101	0.34011454
0	0	0.08068046	0.06712515	0.10518413	0.06661005	1.00E-04

0.004	0.004	0.33212223	0.43534335	0.46552617	0.45242128	0.35003131
0.147	0.172	3.46546315	3.86806596	3.19285788	3.45576605	3.8780795
0	0	0.11376784	0.10316235	0.11795074	0.10662609	0.06222294
0.016	0.004	1.63995817	1.70827899	1.21571306	1.28114512	1.67200652
0	0	0.0406166	0.02439031	0.02538857	0.0585872	1.00E-04
0.004	0	0.1724686	0.12264115	0.26777576	0.20711145	0.18891642
0.004	0	0.68780833	1.01672352	1.50049272	0.87655486	1.42479809
0	0	0.00864484	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.298	0.344	4.62481638	4.7899208	4.94333772	5.05475487	5.06956983
0.012	0.008	0.61294287	0.72702494	0.58484895	0.46899661	0.16479202
0.004	0.008	0.32628136	0.30996727	0.5972955	0.57998265	0.43397643
0.004	0	0.02312601	0.03379611	0.06844189	0.09055303	1.00E-04
0	0	0.02740007	0.01105997	0.01580404	0.01028353	1.00E-04
0	0	1.00E-04	0.02627499	0.02497873	0.01770617	1.00E-04
0	0	0.00950478	0.08503145	0.06647533	0.0768222	1.00E-04
0.008	0	1.00E-04	0.37154813	0.18323145	0.32468125	0.15813527
0	0.004	0.27972863	0.37907132	0.39529247	0.33968754	0.29046572
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.008	0.95260445	1.04775369	1.17448665	1.16416565	0.92699396
0	0	0.72963509	0.46126799	0.57808876	0.68171776	0.46032597
0.147	0.115	2.75402091	2.86801816	3.44087126	3.381952	2.92135436
0.004	0	0.10339047	0.17427089	0.27859446	0.24246335	1.00E-04
0.004	0	0.02751614	0.08266351	0.06248591	0.02790225	0.18199023
0	0	1.00E-04	1.00E-04	0.00528255	1.00E-04	1.00E-04
0	0	0.02498912	0.30991394	0.10268504	0.0954371	1.00E-04
0.004	0.008	2.26161377	2.31347438	2.12788617	2.2378265	1.82567812
0	0	1.00E-04	0.04170532	0.0305291	0.03732724	1.00E-04
0.02	0.025	1.43485461	1.34763954	2.13048509	2.11296779	1.73775396
0.012	0.025	0.49150019	0.54025648	1.24723052	1.03443499	1.03369826
0	0.004	0.07308775	0.27286111	0.1399159	0.13121663	0.19570237
0.008	0.008	0.96347641	0.52161489	0.86795414	0.79089702	1.13179313
0.004	0.004	0.47923235	0.39581106	0.8120778	0.77512063	0.38245354
0.135	0.193	3.20725113	3.2571669	3.89023911	3.89023848	3.31297326
0.012	0.004	0.13357575	0.1177021	0.07017426	0.1250067	0.09217388
0	0	1.00E-04	1.00E-04	0.00356038	0.00333922	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00424199	1.00E-04
0	0	1.00E-04	0.0367133	0.00833396	0.01782556	1.00E-04
0.024	0.012	0.95866155	0.91142807	1.21751407	1.3595954	1.16862323
0	0	0.89245451	1.12771543	1.55507352	1.34356716	1.20396183
0	0	0.60304265	0.94404612	0.49473057	0.55947551	0.66296374
0	0	1.00E-04	0.01656659	0.00865424	1.00E-04	1.00E-04
0	0	0.52650046	0.57514466	0.88768759	0.5733141	0.95283892
0	0.004	1.00E-04	1.00E-04	0.11165888	0.08895659	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.1814439	0.07616921	0.05539084	0.09173445	0.23367383
0	0	0.69664654	0.96561088	0.38319136	0.50158312	0.96845432
0	0	0.02664673	0.01300109	0.00884095	0.01952625	1.00E-04
0	0.004	0.5465535	0.40417714	0.40220868	0.4951532	0.75234505
0	0.004	0.41190753	0.45538653	0.15957546	0.18293428	0.03665364
0	0	1.00E-04	1.00E-04	1.00E-04	0.00666523	1.00E-04
0	0	1.00E-04	1.00E-04	0.00152089	1.00E-04	1.00E-04
0	0.004	1.00E-04	0.03639747	0.02159569	0.10508155	1.00E-04
0.254	0.23	3.66553404	3.61123046	4.41705969	4.43142816	3.90071616
0	0.004	0.0414317	0.03812367	0.04814313	0.07182092	0.10860526
0.004	0	0.42090669	0.17622162	0.36489023	0.30329971	0.48032795
0.024	0.02	0.66408771	0.97584522	1.55000387	1.35898237	1.2144484
0.044	0.037	2.0282565	2.20851818	2.20684029	2.34060573	2.18101402
0	0	0.07802407	0.10711043	0.00452452	0.02244149	1.00E-04
0	0	0.05509061	0.07342276	0.13371219	0.11085068	0.11888175
0	0	0.02547146	0.0109634	1.00E-04	0.00917648	1.00E-04
0.004	0.004	0.41103096	0.1842115	0.3386297	0.34796038	0.16840581
0.008	0.004	0.07188463	0.07214507	0.31538044	0.26521983	1.00E-04
0	0	1.00E-04	1.00E-04	0.02651541	0.04343817	1.00E-04
0	0.004	0.20089359	0.31844871	0.37892186	0.42096977	0.33000311
0	0	1.00E-04	0.00385903	1.00E-04	1.00E-04	1.00E-04
0.056	0.078	1.86906201	1.97278824	2.1827632	2.31410519	1.92847411
0.024	0.016	0.73913231	0.64508676	0.52458757	0.79904015	1.12508284
0.008	0.004	0.7155287	0.60507689	0.81905068	0.93449136	1.08949531
0.032	0.029	1.41743578	1.52735724	1.98715266	1.96432586	1.71188912
0.016	0.029	1.58547251	1.46952466	1.39133749	1.60483052	1.49717882
0.004	0	1.00E-04	0.25206264	0.08588472	0.14994448	1.00E-04
0	0	0.29251286	0.2107755	0.13505992	0.12051329	0.03918081
0.004	0	0.33808722	0.18557297	0.06166065	0.1595039	1.00E-04
0	0.004	0.54576956	0.9216066	1.77217725	0.66101453	0.47584126
0.004	0	0.4616968	0.34104853	0.31802074	0.45690532	0.4978959
0	0	0.01847601	0.05725986	0.14095201	0.09638234	1.00E-04
0.008	0.008	0.19410088	0.20627046	0.28931185	0.25371602	0.22653929
0.02	0.029	0.2306144	0.45300619	0.43995889	0.52001134	0.33404928
0.036	0.016	0.86344912	1.12890685	0.83089308	1.05342006	0.84276494
0	0	1.00E-04	0.02071678	0.00457299	1.00E-04	1.00E-04
0.008	0.004	1.00E-04	0.0600109	0.04761267	0.02672813	1.00E-04
0	0	1.00E-04	1.00E-04	0.0099361	0.00781955	1.00E-04
0.004	0	1.00E-04	0.00945473	0.025243	0.00936314	1.00E-04
0.04	0.025	1.13244344	1.91648893	1.37104116	1.32755153	1.01225184
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0243459	0.0016901	0.03652968	1.00E-04

0	0	1.00E-04	1.00E-04	0.0068742	0.02107959	1.00E-04
0.028	0.008	0.7139223	0.71397224	1.23406553	1.16228123	0.88106296
0	0	1.00E-04	0.00655023	1.00E-04	1.00E-04	1.00E-04
0.087	0.082	0.5295014	0.40445277	0.24775135	0.35591479	2.18494841
0.008	0	2.7111872	2.87113692	2.54710984	2.51472001	2.97051648
0.044	0.033	0.65692735	0.55286058	1.51182311	1.03509205	1.0436993
0	0	0.05698759	0.06428685	0.04241294	0.0302942	0.03381068
0	0	1.00E-04	0.01833555	0.02916925	0.01949518	1.00E-04
0.004	0	1.00E-04	0.0517163	0.06454236	0.05981289	1.00E-04
0.008	0.004	0.54477893	0.66808922	0.60270278	0.78024805	0.6989224
0	0	1.00E-04	0.04412286	0.02099275	0.007441	1.00E-04
0.119	0.098	3.38633449	3.41210633	2.78357297	3.06383542	3.1420486
0.008	0.02	1.70432412	1.90927988	1.27731194	1.18520111	1.60924884
0.032	0.049	2.15867458	2.22076441	2.3896461	2.41331611	2.24046454
0.008	0.008	1.00E-04	0.01202552	0.03475784	0.05481867	0.14185026
0.048	0.111	2.14950659	2.06556411	3.01656195	2.96823295	2.49782216
0	0.004	0.46891225	0.34124252	0.4106724	0.43472965	0.50268989
0	0.004	0.31907409	0.35376986	0.44476623	0.48547356	0.32000582
0.008	0.008	0.06685185	0.13129304	0.16586677	0.12585164	1.00E-04
0	0	0.12152005	0.10145334	0.10499631	0.0780538	0.26266345
0	0	1.00E-04	0.01708891	0.0079282	0.00490422	1.00E-04
0	0	1.00E-04	0.03358692	0.02687714	0.02522754	1.00E-04
0.004	0	0.33931334	0.3915421	0.33043245	0.32134505	0.53846506
0	0	0.2824875	0.47314948	0.19715713	0.16730798	0.1352505
0.06	0.066	1.73013686	1.69594255	2.36463366	2.3554173	2.01562858
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.65001359	0.69606472	0.57725529	0.42268737	0.53972651
0.214	0.164	3.40667251	3.38849527	4.19577861	4.04969067	3.64235853
0	0	1.00E-04	0.0598154	0.06001044	0.12368596	1.00E-04
0.381	0.418	3.8136194	3.88482257	3.69597824	4.00793605	3.89487355
0.004	0	0.4778547	0.58374692	0.85265263	0.83838173	0.4972836
0	0.004	0.67137379	1.11649159	1.20771648	1.10639378	0.81245882
0.079	0.066	1.92419099	1.6673054	2.91477412	2.80444089	2.08276902
0	0	0.06185592	0.1440287	0.12049062	0.0884657	1.00E-04
0	0	0.02965192	1.00E-04	0.03186057	0.06709918	1.00E-04
0.004	0.016	0.75409321	0.8398974	1.1087993	1.05423958	0.7238231
0.036	0.07	1.29620729	0.81972586	2.01352187	1.88867701	1.66329531
0	0	0.19548333	0.2731355	0.1717222	0.24694206	0.30078827
0	0	1.00E-04	1.00E-04	0.01929388	0.01666428	1.00E-04
0	0.004	1.00E-04	0.08901708	0.03245258	0.31187589	1.00E-04
0	0	1.00E-04	1.00E-04	0.00572664	0.00159429	1.00E-04
0.008	0.008	0.65560511	0.75154841	1.18527113	1.05450115	0.96607171
0	0	1.00E-04	0.11472795	0.09846624	0.07815029	1.00E-04

0	0	1.00E-04	0.0055184	0.0070992	0.02027218	1.00E-04
0	0	1.00E-04	1.00E-04	0.01484813	0.01444742	1.00E-04
0	0	1.00E-04	0.01883036	0.00858528	0.03482275	1.00E-04
0.036	0.045	1.94174842	1.93616789	1.82585283	1.95453622	1.94799842
0	0	1.00E-04	0.02528959	0.07124427	0.06444001	1.00E-04
0.004	0.016	2.15680231	2.07741339	1.94172488	2.22099485	1.95264518
0.091	0.143	3.68811932	3.56320321	3.18720636	3.31490274	4.48751264
0	0	1.00E-04	1.00E-04	0.0016633	0.01361521	1.00E-04
0	0	0.00623631	0.01569204	0.05059768	0.03618509	0.07581056
0.071	0.037	1.56358924	1.37041178	1.75953813	1.9400802	2.55002706
0	0	1.00E-04	1.00E-04	0.00775169	0.003938	0.19861722
0.238	0.139	0.74192328	1.19557481	1.52629673	0.96860731	2.33666013
0	0	1.00E-04	0.00340225	0.00300257	0.00760714	1.00E-04
0.004	0	0.23644688	0.15093079	0.20993817	0.27345785	0.05965215
0	0	1.00E-04	1.00E-04	1.00E-04	0.00129478	1.00E-04
0.06	0.02	1.10964825	1.45376541	0.92877122	0.76962868	2.03086337
0	0	0.23839537	0.39975119	0.40865779	0.40255767	0.33011473
0	0	0.01911775	0.04752952	0.02883546	0.08301812	1.00E-04
0	0	1.00E-04	1.00E-04	0.07816079	0.02060835	1.00E-04
0	0	0.08838813	0.08228324	0.09008177	0.06002601	0.05612445
0	0	0.01031977	0.04412566	0.05546527	0.03612867	0.11054674
0	0	1.00E-04	0.04215308	0.06673418	0.07810884	1.00E-04
0	0	1.00E-04	0.15818477	0.14831405	0.18630265	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00208486	1.00E-04
0	0.004	0.25296632	0.122524	0.46594074	0.33734856	0.56772181
0	0	1.00E-04	1.00E-04	1.00E-04	0.00160519	1.00E-04
0.5	0.5	5.14661038	5.32856339	4.8261777	4.90974369	5.17277653
0.079	0.045	1.53711966	1.52379385	1.28571733	1.64438223	2.02869741
0.004	0	0.20869923	0.22141688	0.40474408	0.35468637	0.21273886
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03041971	0.07722604	0.17752395	0.17537359	0.03969631
0.02	0.012	2.15560398	2.07048781	2.2082842	2.25613984	3.165639
0	0	1.00E-04	1.00E-04	0.00461054	1.00E-04	1.00E-04
0	0	0.87465419	0.49073437	0.33128952	0.17712334	1.00E-04
0	0.004	0.30985097	0.49647281	0.78467848	0.65852035	0.26446091
0	0	0.00689141	1.00E-04	1.00E-04	0.00176043	1.00E-04
0.365	0.303	0.08062239	0.60815568	1.03357254	0.58949818	0.09394138
0	0	1.00E-04	0.04919248	0.02107397	0.04043369	1.00E-04
0	0	1.00E-04	0.02320723	0.04676477	0.04467484	1.00E-04
0	0	1.00E-04	0.00856082	0.01128084	0.02038016	1.00E-04
0	0	1.00E-04	1.00E-04	0.00143707	1.00E-04	1.00E-04
0.107	0.066	2.04346454	2.3530429	2.7696852	2.62562676	2.24959067
0	0	1.00E-04	1.00E-04	1.00E-04	0.00767843	1.00E-04

0	0	1.00E-04	1.00E-04	0.00111675	0.00646456	1.00E-04
0.21	0.205	4.14072512	4.33889953	3.89093159	4.07075382	4.46564063
0.044	0.004	2.14846492	2.90107002	4.64416716	2.1815991	1.90842678
0.099	0.07	3.67925274	4.02116187	3.54201508	3.6768324	3.35942595
0.06	0.057	1.92787485	2.05440486	2.13523249	2.32300164	2.26578013
0	0	1.00E-04	1.00E-04	0.00341015	0.0037147	1.00E-04
0.004	0	0.32122136	0.14345132	0.34842805	0.30557823	0.09349918
0.004	0	0.04810065	0.06627191	0.15248909	0.21876699	0.05703764
0.02	0.012	1.36992411	1.35500988	1.41841066	1.51534402	1.4552246
0.004	0	0.35906286	0.46820704	0.23470162	0.3728201	0.10585983
0	0	0.12897998	0.03409758	0.00507436	0.0017596	0.11520674
0.004	0.012	0.31556504	0.28945441	0.78817251	0.69493708	0.62914343
0	0	0.51840341	0.57967413	0.84410218	0.567902	0.47175209
0.004	0.012	1.36598694	1.2584101	1.23114837	1.19642858	1.48580006
0	0	0.12170889	0.09003996	0.05254097	0.08507802	1.00E-04
0	0	1.00E-04	0.0159045	0.01319981	0.05467125	1.00E-04
0.004	0	1.00E-04	0.06877394	0.01613884	0.02272881	1.00E-04
0	0	1.00E-04	0.03378532	0.01118578	0.01506701	1.00E-04
0	0	1.00E-04	0.05625971	0.01506074	0.03201579	1.00E-04
0.048	0.07	1.11198326	1.10685898	1.98669416	1.84421493	1.51977138
0	0	1.00E-04	1.00E-04	0.01680128	0.01578242	1.00E-04
0	0	1.00E-04	0.01342037	0.04720704	0.04355666	1.00E-04
0	0.008	0.41289193	0.42337856	0.12408181	0.23006957	0.09759134
0	0	1.00E-04	0.04795939	0.03093532	0.04026774	1.00E-04
0	0.004	0.30481173	0.35108904	0.33957674	0.36743217	0.27053143
0.008	0.008	0.88140393	0.44873045	0.64969219	0.58028445	0.99031588
0	0	1.00E-04	1.00E-04	0.05441581	0.03093776	1.00E-04
0	0.004	0.00866272	0.09565045	0.08753414	0.0880672	0.05597923
0	0	1.00E-04	0.01398898	1.00E-04	0.00825508	1.00E-04
0	0	1.00E-04	1.00E-04	0.00153318	0.01676233	1.00E-04
0	0	1.00E-04	0.011411	0.00769578	0.01390099	1.00E-04
0	0	1.00E-04	1.00E-04	0.0042905	1.00E-04	1.00E-04
0	0	0.13022675	0.03769882	0.09031397	0.0844017	0.54465661
0.008	0.012	0.39448598	0.32687903	0.71581907	0.62902858	0.59467612
0	0	1.00E-04	1.00E-04	1.00E-04	0.00153953	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.31528243	0.45494627	0.29313483	0.18970698	1.00E-04
0	0	1.00E-04	1.00E-04	0.00945734	0.00136761	1.00E-04
0	0	1.00E-04	0.0038683	0.00231064	1.00E-04	1.00E-04
0	0	0.38499031	0.43318526	0.68711675	0.66927579	0.7930963
0	0.012	1.00E-04	0.0458811	0.21616359	0.16603157	0.12868898
0	0	0.11939241	0.06092938	0.18715239	0.17069213	0.04018237
0	0	1.00E-04	1.00E-04	0.00185962	0.00641825	1.00E-04

0.052	0.066	1.25814074	0.9107427	1.9906665	1.83426734	1.7760322
0.012	0.008	2.22660495	2.34626019	3.05805114	2.95975733	2.0595388
0	0	1.00E-04	1.00E-04	0.02716066	0.0316578	1.00E-04
0	0	1.00E-04	1.00E-04	0.0261055	0.02933164	1.00E-04
0.016	0.02	1.3294676	0.99609411	1.66413482	0.90832544	2.01881257
0	0.004	0.12984256	0.12796352	0.12337565	0.13791931	0.17068911
0.04	0.053	2.75231416	2.70930907	2.67038204	2.95508421	2.19973446
0.004	0.004	0.6355257	0.711794	0.77572157	0.86654296	1.02000371
0.004	0	0.14182344	0.18300646	0.25785785	0.20166393	0.17287518
0.222	0.23	2.48051834	2.50130911	3.45657293	3.20908195	3.0052869
0	0	1.00E-04	0.01719415	0.03731677	0.06971959	1.00E-04
0.004	0.004	0.24472497	0.45446732	0.57988867	0.56826593	0.4351919
0.024	0.025	1.1416589	0.90572462	1.3443423	1.28291169	1.54289058
0.004	0.012	0.39665796	0.32357048	0.71220364	0.64082831	0.49757036
0.04	0.053	1.32936954	1.36198975	2.11399725	1.85493901	1.48970411
0	0	1.00E-04	0.00983296	0.00607622	1.00E-04	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00370458	1.00E-04	1.00E-04
0.004	0.004	0.24144024	0.12987599	0.35260484	0.30417702	0.34189439
0	0	0.01250716	0.12932696	0.22002463	0.16204783	1.00E-04
0	0	1.00E-04	0.01730952	0.10819803	0.06274313	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.0156145	0.00959103	1.00E-04
0.012	0	0.11095494	0.16149133	0.17380229	0.11779922	0.17156734
0.321	0.27	4.1848564	4.44637694	3.88433564	4.03801135	4.31975705
0.448	0.582	0.28021937	0.69814899	1.00554823	0.87546788	0.40315981
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.024	0.008	1.40972989	1.58507959	2.04400972	1.97176276	1.58212736
0	0	1.00E-04	0.00826019	0.00602905	0.0200088	1.00E-04
0.083	0.074	3.73656626	3.71037367	3.42340028	3.69085507	3.52755359
0	0.004	0.11859664	0.11920746	0.11697943	0.14512702	0.21590772
0	0	1.00E-04	1.00E-04	0.00689065	1.00E-04	1.00E-04
0	0	1.00E-04	0.03307623	0.02521779	0.00794306	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.0041803	0.002739	1.00E-04
0	0	0.19115988	0.16576925	0.10046375	0.12929109	0.27494271
0	0	0.17276844	0.30449147	0.40340923	0.37722313	0.45940858
0	0	0.09458005	0.01526478	0.09315027	0.06921087	0.21626694
0	0	1.00E-04	0.00582603	0.00416776	0.03949577	1.00E-04
0	0	0.06309684	0.09816651	0.07718242	0.12421894	0.06637836
0	0	1.00E-04	1.00E-04	0.00779483	0.00157749	1.00E-04
0	0	1.00E-04	1.00E-04	0.00989171	0.01418527	1.00E-04
0	0.004	0.31566937	0.42566929	0.23585894	0.3342524	0.26697
0	0	1.00E-04	0.02713261	0.00590037	0.0182054	1.00E-04
0	0	1.00E-04	0.00591677	0.00750554	0.00456046	1.00E-04
0	0	0.01743724	0.02550427	0.07271888	0.0786679	1.00E-04

0	0	0.08754103	0.02627138	0.01033564	0.01248975	1.00E-04
0	0	0.0633342	0.11461076	0.11297537	0.1310717	0.21782867
0	0	0.04682641	0.08055123	0.10083622	0.10255363	0.07448214
0	0	1.00E-04	1.00E-04	0.00277652	1.00E-04	1.00E-04
0.004	0.029	1.00656822	1.32775543	1.07165594	1.1412257	1.46697536
0	0.004	0.01570708	0.0839604	0.1433137	0.08569623	1.00E-04
0.599	0.643	4.98112523	4.80236486	6.09380784	5.82408258	5.57275372
0	0	1.00E-04	1.00E-04	0.00507202	0.00890304	1.00E-04
0	0	0.90768587	0.54268238	1.32806361	1.2662444	0.41013513
0	0	1.00E-04	1.00E-04	0.00162131	0.00432346	1.00E-04
0	0	0.18191745	0.08519898	0.07725896	0.0939971	0.35637941
0	0	1.00E-04	0.02622621	0.06598664	0.06617405	1.00E-04
0	0	1.00E-04	1.00E-04	0.01872961	0.02050187	1.00E-04
0	0	1.00E-04	0.01478687	0.01090824	0.00097094	1.00E-04
0	0	0.0457513	1.00E-04	0.03790475	0.05876689	1.00E-04
0.762	0.758	5.68809267	5.37311342	6.80276347	6.54948805	6.27063047
0	0	1.00E-04	1.00E-04	1.00E-04	0.01232493	1.00E-04
0.282	0.254	2.76114615	2.39972025	2.52848871	2.49402514	2.75119499
0	0	1.00E-04	0.03416325	0.04179215	0.01565099	1.00E-04
0	0	0.09353376	0.08405939	0.09844612	0.13311361	0.02631334
0	0	1.00E-04	0.06155505	0.14844098	0.08206566	1.00E-04
0	0	1.00E-04	1.00E-04	0.0062146	0.00580079	1.00E-04
0	0.012	0.2800214	0.31033181	0.32016793	0.35572912	0.2972899
0	0	1.00E-04	0.01753783	0.03433199	0.02908487	1.00E-04
0.071	0.082	1.08151202	1.38700202	1.40080136	1.43155822	1.37007975
0	0.004	0.01451064	0.04502396	0.06455298	0.08288723	0.09339482
0	0	0.38219164	0.30714355	0.20617116	0.26712547	0.05008877
0.008	0.004	0.14131139	0.38340755	0.33173793	0.36988329	0.31261995
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01331115	0.01328576	0.0085765	1.00E-04
0	0	1.00E-04	0.02223375	0.11167147	0.07884942	1.00E-04
0.004	0.004	0.39851238	0.43918497	0.85249173	0.83604289	0.47018407
0.278	0.238	5.2883657	5.55285529	5.16062161	5.26735551	5.46531578
0	0	1.00E-04	0.01257135	1.00E-04	1.00E-04	1.00E-04
0	0	0.12623824	0.15582183	0.08037687	0.1081971	0.10297967
0.004	0	2.02096926	1.62710973	1.97647234	2.02919517	1.75681547
0.016	0.016	0.52781909	0.69265025	1.10433729	1.03106651	0.67725683
0	0	0.21158194	0.35859288	0.64298242	0.5958372	0.37608816
0	0	1.00E-04	0.0662738	0.16667523	0.09392464	0.04344342
0.111	0.061	4.54422196	4.67844074	4.84543226	4.94920832	4.59712485
0	0	1.00E-04	0.01515282	0.00194677	0.01375115	1.00E-04
0.028	0.037	1.71039393	1.76492932	1.75567297	1.91270773	1.63382379
0	0	1.00E-04	1.00E-04	0.00277168	0.02715307	1.00E-04

0.012	0.004	0.19714657	0.35312045	0.26442549	0.2664264	0.90278573
0	0	1.00E-04	0.0435626	0.05475502	0.05681159	1.00E-04
0	0	0.17340703	0.46453239	0.3072104	0.27364993	0.43285426
0.008	0.008	0.66026612	0.78451559	1.49239965	1.31637749	0.83563155
0.004	0.02	0.89068699	0.84859868	0.65491934	0.72715996	0.7842809
0	0	1.00E-04	0.0820858	0.03112954	0.02095986	1.00E-04
0.004	0.012	0.25042849	0.31023435	0.27723105	0.30478255	0.51301674
0	0	1.00E-04	1.00E-04	0.00241364	0.0145212	1.00E-04
0	0	0.11149723	0.07905069	0.14551948	0.1472696	0.13100267
0.02	0.012	2.03878745	2.03521911	2.50202587	2.43996894	1.86791354
0.008	0.008	0.95985074	0.77866434	1.15395636	1.03836102	0.68966962
0.004	0.004	0.18468949	0.17630681	0.44194319	0.43779263	0.25522332
0	0	1.00E-04	0.02101007	0.01533123	0.01185843	1.00E-04
0	0	1.00E-04	0.00551687	1.00E-04	1.00E-04	1.00E-04
0.008	0.008	0.09516886	0.14660696	0.25427905	0.19991553	0.3178234
0	0	0.29634801	0.20703407	0.46256679	0.34003094	0.30713382
0.008	0.029	1.45414954	1.51385869	1.87377093	1.92371969	1.38142225
0	0	1.00E-04	1.00E-04	0.00548001	1.00E-04	1.00E-04
0	0	1.00E-04	0.00428304	0.01364749	0.01458844	1.00E-04
0.04	0.02	1.33218733	1.21158166	2.11582504	2.0876997	1.39696307
0	0	0.09057846	0.16139138	0.22691313	0.20479389	0.0410787
0.222	0.139	3.92501212	3.94990455	5.10218474	4.77742267	3.62306903
0.798	0.775	5.89627026	6.36721621	6.86157734	6.65554423	6.31898916
0	0.004	1.00E-04	0.07556479	0.03568248	0.01914018	1.00E-04
0.349	0.414	3.33764475	3.52668635	4.24895525	4.14398296	3.5593794
0.103	0.078	2.48785202	2.66845996	2.83180566	2.86190168	2.75794288
0	0	0.12668988	0.23920855	0.17391825	0.19964338	0.18979206
0.02	0.008	0.31513388	0.23041773	0.56832351	0.50267703	0.25310727
0	0.004	0.07575798	0.01787648	0.06446935	0.09948754	0.03885978
0.012	0.012	0.82599517	1.14797031	1.10393671	1.49956339	1.13999496
0.004	0	0.00942928	0.07655661	0.3122784	0.23739675	1.00E-04
0	0.008	0.03244256	0.10140678	0.10018599	0.15929242	0.0782011
0	0	0.02259193	0.08810483	0.06311841	0.04833634	0.04459191
0	0	1.00E-04	0.01583388	0.00189895	1.00E-04	1.00E-04
0.067	0.066	2.68093584	2.42239977	2.96308381	2.72606251	3.00430941
0	0	0.29191359	0.06268828	0.15364723	0.14101603	1.00E-04
0.008	0.012	0.80220413	0.91171573	1.56455514	1.37193446	1.13885889
0	0.012	0.20657096	0.22336003	0.4691627	0.36461803	0.43142567
0	0	0.15065391	0.14627501	0.20348856	0.1921961	0.2508998
0.198	0.213	2.49807269	2.32048361	3.4448466	3.25164286	2.79448433
0	0	1.00E-04	1.00E-04	0.01805361	0.01574768	1.00E-04
0	0	1.00E-04	0.02926251	0.09545726	0.05702324	1.00E-04
0	0	1.00E-04	0.03880127	0.03787467	0.03808037	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	2.7358999	2.96566176	1.9745161	2.27496449	0.37365123
0	0	0.0427044	0.05747266	0.06082593	0.04215358	0.143852
0	0	0.08929204	0.02376831	0.00661977	0.02402175	0.21700892
0	0	0.03317475	0.01940215	0.01430908	0.00261038	1.00E-04
0.067	0.16	2.63998541	1.97739388	3.70917037	3.64274362	3.2450139
0	0	1.00E-04	0.02617207	0.0150696	0.01933556	1.00E-04
0	0	0.11532397	0.12271799	0.09600764	0.11785406	0.08500185
0.012	0.004	1.44968406	1.49396466	1.27386126	1.49405146	1.23757129
0	0	0.01281007	0.00829619	0.00223833	0.00971935	1.00E-04
0	0	0.07389044	0.01225268	0.03549889	0.03239308	0.0320294
0	0	1.00E-04	0.05078484	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.0035787	0.00220779	1.00E-04
0.024	0.033	0.91693849	0.75765834	0.89510689	0.99082081	1.07968809
0.016	0.008	0.25578846	0.32026473	0.7851007	0.72354316	0.308981
0	0	0.11141675	0.17144441	0.10652221	0.08340785	0.14223428
0.075	0.061	0.76586979	0.68502337	0.58585077	0.54436988	1.66679739
0.008	0	1.41353926	0.36787578	0.15576579	0.146677	1.50112374
0	0	0.14413406	0.33398685	0.41077616	0.36647828	0.20597684
0.016	0.012	1.3034271	1.11034399	1.83107047	1.91768189	1.20098447
0	0	0.09642771	0.21985887	0.12415065	0.14182334	0.1984484
0	0	0.07606156	0.04165961	0.01652384	0.02887547	1.00E-04
0	0	0.02330794	0.1649776	0.19885478	0.17283286	1.00E-04
0.012	0.004	0.41554822	0.27591465	0.41898612	0.42691019	0.57575533
0	0	1.00E-04	0.05072815	0.02089556	0.03174643	1.00E-04
0	0	0.09455324	0.02141724	0.02658134	0.02650221	1.00E-04
0.012	0.004	0.72523865	0.92326462	1.05663579	0.97455221	0.80903729
0	0	1.00E-04	0.00615782	0.00285811	0.00281529	1.00E-04
0.004	0	0.06877034	0.08371907	0.28340165	0.18131656	0.18806585
0.004	0	1.00E-04	0.00618795	1.00E-04	1.00E-04	1.00E-04
0.004	0.02	0.60866051	0.71976863	1.21412797	1.15715265	0.8629525
0	0.004	1.00E-04	0.06148716	0.01798048	0.03365105	1.00E-04
0	0.004	0.31526859	0.1234888	0.08337929	0.12477185	0.43545416
0	0	1.00E-04	0.05643798	0.05625604	0.04522272	1.00E-04
0	0	0.96453437	1.56983261	1.29348296	1.29306086	1.16543774
0	0	1.00E-04	1.00E-04	0.00272216	0.0047972	1.00E-04
0.004	0	0.41482137	0.52768346	0.4625051	0.68423152	0.27060864
0.016	0.004	0.95322662	0.93376645	0.88773865	0.68649604	1.89485084
0	0	0.0455686	0.06387495	0.0827334	0.07940171	1.00E-04
0	0	1.00E-04	0.01890968	0.01329372	0.01061694	1.00E-04
0	0	1.00E-04	0.01487115	0.04051102	0.05052126	1.00E-04
0	0	0.03502716	0.04828487	0.04484346	0.03448097	1.00E-04
0	0	1.00E-04	1.00E-04	0.00515316	1.00E-04	1.00E-04

0	0	1.00E-04	1.00E-04	0.00506623	0.00973577	1.00E-04
0	0	0.18126492	0.17535096	0.16702541	0.20488822	1.00E-04
0.361	0.365	0.19363623	0.3182196	0.52684311	0.52635102	0.39110539
0	0	1.00E-04	0.01521081	0.00171448	0.00519505	1.00E-04
0.012	0.004	0.91465393	1.13966897	0.66544447	0.71523481	0.78832946
0	0	0.40818983	0.2424731	0.35216325	0.34706587	0.63318665
0.004	0.004	0.34071755	0.65392631	0.84317886	0.74574968	0.59110381
0.02	0.016	0.84402688	0.96327687	1.17245503	1.0301525	1.25871176
0.048	0.049	2.49947196	2.7079981	2.38680309	2.68620499	2.47548128
0.107	0.115	3.10928695	3.13379076	3.04817964	3.18151947	3.19374555
0	0	0.08860282	0.05786895	0.14902989	0.20639974	0.16737651
0.032	0.061	2.53623239	2.33731057	2.6443292	2.66798021	2.21207501
0	0	0.01591451	0.05391191	0.05929275	0.08934702	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.12212758	0.10329585	0.15460546	0.22378121	0.19098032
0.016	0.025	0.82433046	1.0630232	1.30221304	1.30157292	1.14439552
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0.004	0.56699416	0.36489678	0.8026248	0.73879489	0.92042663
0	0	1.00E-04	0.01868417	0.01504199	0.04456944	1.00E-04
0.135	0.242	2.26838891	2.24388051	3.35608148	3.11995299	2.83021489
0	0	1.00E-04	0.02334244	0.00889443	0.00476398	1.00E-04
0.008	0.004	1.14629378	1.29054385	1.47220845	0.5958654	1.56191074
0.032	0.02	0.96577898	0.85325949	0.90416624	0.74831171	1.80453764
0	0	0.02801301	0.07544265	0.06076321	0.08209707	1.00E-04
0	0	1.00E-04	1.00E-04	0.00471342	0.01213302	1.00E-04
0.012	0.008	0.97792299	1.24625666	0.94747279	1.09784029	1.03632081
0	0	0.15867135	0.04500707	0.09000073	0.08091776	0.05744226
0	0	1.00E-04	1.00E-04	0.00437685	0.01700879	0.14305302
0	0	0.11335092	0.12119844	0.175161	0.26481435	0.0356975
0	0	1.00E-04	1.00E-04	0.06746631	0.05837845	1.00E-04
0.004	0	0.0185457	0.09061143	0.11282507	0.09584327	1.00E-04
0.179	0.152	3.69023203	3.98136495	3.49776827	3.67888273	3.75555333
0.008	0	0.36577639	0.48550394	0.34642528	0.42928984	0.42508133
0.071	0.102	2.68475336	2.75575658	3.15851761	3.14557603	2.84985262
0.024	0.029	0.77815892	0.67844228	1.14939898	1.07504475	0.81308643
0	0	1.00E-04	0.05036528	0.02597952	0.01677762	1.00E-04
0	0.004	0.19082598	0.16741239	0.24252527	0.23441807	0.09132127
0.536	0.488	4.42964281	4.33840718	5.00550393	5.02620321	4.82322744
0.063	0.053	2.44379878	2.37214619	2.0577725	2.28908167	2.38565175
0.71	0.754	6.31449415	6.22722092	6.9239583	6.89432704	6.60159606
0.004	0	0.30401872	0.37758907	0.32441227	0.48807957	0.94545662
0.238	0.283	4.4742122	4.10283527	4.6402312	4.48236247	4.64473741
0.004	0.004	0.16257376	0.14596885	0.3350372	0.37172948	0.27470342

0.004	0	0.94788254	1.05418265	0.92657859	1.21034655	0.62691088
0	0.008	0.3138228	0.27111682	0.36030493	0.31492954	0.50373566
0.004	0	1.00E-04	0.02159909	0.04159664	0.02848831	1.00E-04
0	0	0.04785234	0.07423929	0.0300737	0.04973935	1.00E-04
0	0	1.00E-04	1.00E-04	0.00814695	0.0081222	0.03148474
0	0	1.00E-04	1.00E-04	1.00E-04	0.00319449	1.00E-04
0.012	0.016	0.8143116	0.97817382	1.29883632	1.21655155	1.05396143
0.004	0.004	0.34889601	0.83374425	0.41405829	0.70603997	2.25658713
0	0.004	0.58156576	0.576351	0.99803566	1.16330272	2.56128297
0.008	0.029	0.35252724	0.25817174	0.17951961	0.29950315	0.32825563
0	0	0.03271423	1.00E-04	0.00198495	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00346053	0.00147169	1.00E-04
0	0.008	0.29234783	0.4436751	0.42759011	0.52189272	0.30166699
0.163	0.168	0.13015981	0.33780539	0.35516895	0.36124885	0.51268178
0	0	0.17391472	0.22101888	0.04120764	0.03771489	0.0490005
0.004	0	0.20979441	0.2114583	0.22976806	0.21897395	0.27655183
0	0	0.08545377	0.13491854	0.09663327	0.20045222	1.00E-04
0	0	1.00E-04	1.00E-04	0.06248724	0.03760247	0.1968559
0	0.008	1.00E-04	0.00915698	0.02724647	0.0284924	1.00E-04
0	0	1.00E-04	0.00651648	0.01098111	0.03721017	1.00E-04
0.008	0.004	0.49383284	0.35576536	0.37177143	0.47384408	0.42933133
0.171	0.135	2.32003602	2.56787543	3.5040888	3.25466428	2.96445686
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.28009233	0.23236947	0.4115574	0.38831162	0.37959669
0	0	1.00E-04	0.00988363	0.01767283	0.01464993	1.00E-04
0	0	0.01153963	0.05524594	0.03496225	0.0700965	0.16704485
0.147	0.197	2.96508246	2.98760689	2.59977908	2.92741986	3.20977184
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03778802	0.0768984	0.0348998	0.04253292	1.00E-04
0.067	0.107	1.44299955	1.73589989	2.62988584	2.41907364	1.87754934
0.036	0.02	0.73732912	0.77454355	1.44981601	1.32311863	1.19995914
0	0	1.00E-04	1.00E-04	0.00312892	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0022013	1.00E-04
0	0	0.07554943	0.10263704	0.10118048	0.15262863	1.00E-04
0	0	0.02328997	0.03778522	0.04933714	0.0715385	1.00E-04
0.012	0	1.08155359	1.05510331	1.66563226	1.54147908	1.21694824
0	0	1.00E-04	0.04021881	1.00E-04	1.00E-04	1.00E-04
0	0	0.16846075	0.23300357	0.26372738	0.2173527	0.38951163
0	0	0.02880188	0.04415483	0.08111889	0.08226493	1.00E-04
0	0	1.00E-04	0.02722795	0.05737886	0.04415976	1.00E-04
0	0	1.00E-04	0.07718159	0.01817195	0.0443189	1.00E-04
0.012	0.004	0.38757664	0.54815039	1.0071588	0.97507491	0.55608461
0	0	0.01441194	0.10182306	0.01670859	0.01997212	1.00E-04

0	0	0.21569881	0.08833707	0.09101905	0.10378961	0.19579704
0	0	0.03876702	0.04034205	0.07472838	0.02405916	1.00E-04
0.012	0.008	1.43721563	1.5834704	2.20757905	2.36100947	1.88877671
0	0	0.32261635	0.40568815	0.32973785	0.45866159	0.14422517
0.04	0.041	1.55853578	1.19507583	1.84592542	1.75293755	1.97589631
0.004	0	0.16564055	0.2018129	0.29575036	0.30727833	0.53091708
0.02	0.016	1.15500473	0.73544178	1.60029722	1.4509052	1.67099466
0	0	1.00E-04	0.00865234	0.00442061	0.00361684	1.00E-04
0.004	0	1.00E-04	0.0915697	0.03374038	0.11228857	1.00E-04
0.071	0.078	1.22513806	1.25327333	2.03012113	1.88832286	1.63411933
0.091	0.074	3.63807827	3.90424648	4.28584648	4.11256131	3.83694235
0.004	0	0.00922613	0.06365696	0.04908986	0.04098426	0.27962059
0.004	0	0.19560857	0.1928406	0.35453353	0.32443764	0.13866997
0	0	0.09856705	0.15536945	0.09345528	0.11529794	0.04953157
0.004	0.004	0.38304978	0.40336714	0.55081147	0.56482633	0.22084958
0.139	0.123	3.11617072	3.15437329	4.04662672	4.16580486	3.50112646
0.222	0.266	4.27242505	4.50839156	3.87231137	4.01253302	4.6354245
0.032	0.012	0.6551358	0.7354879	1.08926519	1.02573442	0.37697359
0.036	0.016	1.95181559	1.74885565	2.15960497	2.14553066	1.62651855
0	0.004	0.37795413	0.46856651	0.88660642	0.86396947	0.41793493
0	0	0.03322146	0.00789379	0.05580082	0.05125029	0.26805137
0.004	0	0.20634541	0.39306171	0.61119211	0.57228643	0.34043038
0	0	1.00E-04	0.00457214	0.00454059	1.00E-04	0.10912775
0.04	0.053	1.22302177	1.35770372	1.70954058	1.55274721	1.20627652
0	0	0.18962022	0.37757699	0.38823354	0.46806322	0.65990796
0.004	0	0.05693921	0.10806928	0.09128493	0.07634583	0.03185187
0.004	0	0.02004066	0.02109129	0.03248148	0.04345477	0.06395902
0	0	0.04652654	0.06007064	0.02907862	0.03657963	1.00E-04
0.083	0.078	1.84426278	1.83051968	3.01707085	2.71908527	2.61978916
0	0	0.20356691	0.44038716	0.30126835	0.34063252	0.19673943
0	0	0.06519772	0.02381739	1.00E-04	0.0018813	1.00E-04
0	0	1.00E-04	1.00E-04	0.01890212	0.00274435	1.00E-04
0.008	0.016	1.45941389	1.4731766	2.09046058	2.01927171	1.58496088
0.004	0	0.7560596	1.00218776	0.93841389	0.86968073	1.03002094
0	0	0.05970102	0.06875731	0.1354104	0.08982238	0.09938867
0	0	1.00E-04	1.00E-04	0.00549663	1.00E-04	1.00E-04
0	0.004	0.00743343	0.06092896	0.02215081	0.0435109	0.04977191
0.004	0.008	0.4552947	0.694227	0.87101929	0.74656884	0.14322906
0	0.016	0.05090144	0.11193526	0.27758085	0.23319887	0.21437226
0.004	0.008	0.79348729	0.78248812	1.22828392	1.14948648	0.92982063
0	0	0.02846598	0.03783724	0.05004973	0.0451017	1.00E-04
0	0	1.00E-04	1.00E-04	0.0027289	1.00E-04	1.00E-04
0	0.008	0.31729569	0.17737985	0.19992589	0.26310783	0.29709682

0	0.004	0.8092982	0.79400537	1.07466237	0.81896656	1.0610358
0	0	0.10315184	0.12010317	0.06986466	0.07703463	0.18893038
0.004	0	0.48179514	0.19959359	0.57187571	0.53212146	0.26725353
0	0	1.00E-04	0.00282624	1.00E-04	1.00E-04	1.00E-04
0	0	0.26396336	0.31749007	0.1923536	0.18371278	0.56169953
0	0	1.22380407	1.53630855	1.28507703	1.29791941	1.37224262
0	0	0.11088752	0.08801024	0.11461428	0.14099841	0.06018891
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.04301085	0.01472733	0.02918571	0.00186988	1.00E-04
0.008	0.008	0.53464639	0.8205677	1.05793483	0.88864965	0.56182017
0.004	0.008	0.62070447	0.49944958	0.57948297	0.91252912	1.25326588
0.016	0.008	0.88369338	0.95224236	1.37000333	1.28910907	0.98617438
0.032	0.016	0.45673478	1.5102596	1.45542313	1.68829759	0.15938736
0	0	0.05082928	0.08292974	0.110002	0.13809411	1.00E-04
0	0	0.02568611	0.12915531	0.07381332	0.06242738	0.04442882
0	0	1.00E-04	1.00E-04	0.03538772	0.01501812	1.00E-04
0	0	1.00E-04	0.03686166	0.02477513	0.0281004	0.03531608
0.004	0.008	0.20430807	0.13169059	0.34766917	0.3073953	0.22802408
0.353	0.361	4.59710442	4.63659556	5.51912969	5.3412705	4.89094681
0.008	0	0.0285902	0.12611147	0.03460922	0.05627587	0.08210551
0.004	0.004	0.20451248	0.06487743	0.10772071	0.08639279	0.3787233
0	0	0.13733276	0.14352526	0.10614576	0.13898333	0.07202426
0.004	0	0.05552921	0.03596506	0.0416823	0.04545852	1.00E-04
0	0	1.00E-04	0.00410192	0.0015139	0.01064078	1.00E-04
0	0	0.0260102	0.08315918	0.02362057	0.05954363	0.29948978
0	0	0.05458109	0.16401963	0.25879472	0.22643483	1.00E-04
0.004	0	0.1965611	0.23950618	0.17935287	0.2052756	0.23390261
0	0	0.02107079	0.02259703	0.02057487	0.05617757	1.00E-04
0	0	1.00E-04	1.00E-04	0.01114486	0.01101838	1.00E-04
0	0.008	0.38734631	0.64908153	0.91913832	0.71699936	0.32860876
0	0	1.00E-04	1.00E-04	0.00622258	1.00E-04	1.00E-04
0.016	0.012	0.47660529	0.26788043	0.58607175	0.47914737	0.15791052
0	0	0.01135765	0.01065487	0.02209578	0.04234775	1.00E-04
0.861	0.881	5.41979475	5.56168679	5.07968585	5.31929344	5.70764121
0	0	0.00818249	0.15247957	0.08351439	0.05563933	1.00E-04
0	0.008	0.23786948	0.09207245	0.31358852	0.22489901	0.32187163
0	0	1.00E-04	1.00E-04	1.00E-04	0.00123123	1.00E-04
0.004	0	0.11159256	0.24050446	0.41534444	0.25254471	0.34737322
0.119	0.102	2.84536627	3.03365107	3.01556495	3.27669072	3.16079221
0.004	0	0.13501594	0.22221475	0.21885167	0.33751912	0.24817505
0.004	0	0.38663522	0.40116089	0.88749622	0.87486892	0.75459736
0	0.008	0.01375743	0.03068866	0.05209248	0.03061847	1.00E-04
0	0	1.00E-04	1.00E-04	0.02263451	0.02411657	1.00E-04

0.349	0.389	0.14422611	0.33030054	0.47217752	0.37906812	0.05867888
0.004	0.004	0.04389083	0.06422712	0.03090179	0.03152916	0.08959496
0.02	0.029	0.42252824	0.38713116	0.33481764	0.54714874	0.49412258
0	0	0.27799821	0.2398502	0.50666512	0.42994815	0.46513457
0	0	0.89752593	0.96244044	1.13743282	1.19507265	0.78554246
0	0.004	0.09125821	0.15535734	0.11433762	0.24325594	0.10909036
0	0	1.00E-04	0.08626692	0.02564527	0.03445456	1.00E-04
0.008	0.016	1.4034755	1.35099175	1.31211589	1.49116152	1.48390039
0.008	0.004	0.34717832	0.39230003	0.78176786	0.65944847	0.35064451
0	0	0.03777808	0.08016766	0.05800989	0.08470963	1.00E-04
0	0	1.00E-04	0.01073178	0.00549959	0.00715536	1.00E-04
0.028	0.02	0.74229017	1.07937272	1.59987961	1.57152906	0.92222957
0.198	0.172	2.97184076	3.03284774	2.75793699	2.93537793	3.03412721
0.016	0.004	0.60398724	1.08744687	0.42772221	0.37524017	0.09759134
0	0.004	0.21546695	0.22103051	0.37706223	0.45291523	0.38227781
0	0	0.43673316	0.38795718	0.27858622	0.33277374	0.41603285
0	0.012	2.62507294	2.74373395	2.24880745	2.52952069	0.82067707
0	0	0.25531387	0.24577891	0.10332734	0.24177073	0.39195929
0.008	0	0.80759066	0.96804657	1.36103717	1.31056942	0.57909938
0	0	1.00E-04	1.00E-04	1.00E-04	0.00214041	1.00E-04
0	0	0.01920355	0.02127234	0.01997703	0.01588859	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00192565	1.00E-04
0	0	0.02540191	0.01448615	0.06450369	0.03904501	0.03514133
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.0082227	0.01668433	0.01201891	1.00E-04
0.004	0.004	0.06599771	0.11763528	0.14361865	0.14596573	0.56363934
0.012	0.029	0.83423527	0.8680112	1.5423564	1.37554221	1.07354423
0	0	1.00E-04	1.00E-04	0.00580655	0.00345009	1.00E-04
0.075	0.082	2.00722548	2.21613632	2.86273096	2.72656883	2.15028337
0	0	0.16952998	0.05169443	0.19744796	0.19629638	0.18539946
0	0	0.04270817	0.0639668	0.1393087	0.13508228	1.00E-04
0	0	1.00E-04	0.03964523	0.02883458	0.01365215	1.00E-04
0	0	1.00E-04	0.03988035	0.13280964	0.09419938	1.00E-04
0.012	0.008	0.38465632	0.47701055	0.83817698	0.77673354	0.5403241
0	0	1.00E-04	0.03947972	0.02728636	0.03587293	1.00E-04
0	0	0.04104336	0.05121144	0.13583487	0.11965464	0.14324569
0	0	1.00E-04	1.00E-04	0.00544464	1.00E-04	1.00E-04
0	0	0.13879185	0.22737106	0.3531646	0.31772299	0.30857657
0	0	1.00E-04	1.00E-04	1.00E-04	0.00865025	1.00E-04
0.004	0	0.20681459	0.1621857	0.3507354	0.35245319	0.12838239
0	0.004	1.00E-04	1.00E-04	0.00441987	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00453149	1.00E-04
0	0	1.00E-04	0.02207958	0.0199436	0.01810987	1.00E-04

0	0	0.56125789	0.17145665	0.33753265	0.5095215	0.55489402
0	0	1.00E-04	1.00E-04	0.03443838	0.02731087	1.00E-04
0	0	1.00E-04	1.00E-04	0.01164671	1.00E-04	1.00E-04
0.004	0.033	0.9336758	0.74355055	1.34013842	1.29244496	1.01697657
0.147	0.197	4.33095821	3.93894789	4.64315769	4.63886329	4.19745929
0	0	0.04857208	0.01047824	0.00873816	0.00430077	1.00E-04
0.012	0	0.4364949	0.57674528	1.01286208	0.87329796	0.62538315
0	0.004	0.04041137	0.03174781	0.02671547	0.04026119	0.06654209
0.016	0.012	0.43583458	0.51259775	0.61295525	0.68396754	0.68519948
0	0	1.00E-04	1.00E-04	0.01138895	0.0060043	1.00E-04
0	0	1.00E-04	1.00E-04	0.00179923	0.00090393	1.00E-04
0	0.012	0.42039822	0.68697115	0.51169234	0.51718355	0.80746329
0.004	0.008	0.04304326	0.04553216	0.11163789	0.12434839	1.00E-04
0.028	0.012	0.04135177	0.10151798	0.13710819	0.09791728	0.68636278
0	0	1.00E-04	1.00E-04	1.00E-04	0.00791973	1.00E-04
0.008	0.008	0.55718179	0.9030453	0.73766597	0.61009235	0.42649578
0	0	1.00E-04	0.0370261	0.00897172	0.01871173	1.00E-04
0	0	0.04402083	0.04784107	0.24430833	0.15040634	0.12867221
0	0	1.00E-04	0.0131177	1.00E-04	1.00E-04	1.00E-04
0.012	0.008	1.88226173	1.85707844	1.91781818	2.01299151	1.90042686
0.004	0	1.95751355	1.84634115	2.13619161	2.06558681	0.62288525
0	0.004	0.06132562	0.0918543	0.11130552	0.13780546	0.12632273
0.27	0.213	3.13164632	3.2231562	2.87807856	3.19502506	3.35100913
0.956	0.898	6.47576639	6.52849798	5.85093697	5.98034863	6.69287886
0.004	0.008	1.21634064	1.04726719	1.39869066	1.45518203	0.75209842
0	0	0.01492485	0.02807148	0.01604701	0.0128575	1.00E-04
0	0	0.0357834	0.07266708	0.01207511	0.02951163	1.00E-04
0.008	0.004	0.65561994	0.71491427	0.39769983	0.50801585	0.78187501
0.016	0.016	1.32845009	1.36681687	1.02585567	1.09516042	0.71562264
0	0	0.08590521	0.12489273	0.15591735	0.15768458	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0037111	1.00E-04
0	0	1.00E-04	1.00E-04	0.00171674	0.00128679	1.00E-04
0	0	1.00E-04	0.01045865	0.01162107	0.00462102	1.00E-04
0.131	0.148	2.05434382	2.16033776	3.01517235	2.79181138	2.45747652
0.016	0	0.23096563	0.59896394	0.61189584	0.53777074	0.43735722
0.008	0.008	0.2834842	0.25069482	0.46511973	0.35499212	0.24815506
0.004	0.004	0.56801683	0.41962616	1.05184605	1.09864651	0.73560145
0	0	1.00E-04	0.0914744	0.26101525	0.2775219	1.00E-04
0.02	0	1.00E-04	0.30899423	0.5448773	0.09676476	1.00E-04
0.024	0.008	1.09177491	1.10884535	1.61591649	1.64772952	1.22782239
0	0	0.04034028	0.05561024	0.05335917	0.04659327	1.00E-04
0.004	0	0.22687067	0.20351912	0.34243951	0.30449231	0.17655497
0.099	0.078	2.56628825	2.60837059	2.72630217	2.87815267	2.74779526

0	0	1.00E-04	0.00293026	0.02410418	0.02471241	1.00E-04
0	0	0.50524325	0.61972864	0.39487036	0.30303175	0.32531946
0.214	0.258	3.33599124	3.72095119	3.48762791	3.17263534	3.24728732
0.036	0.033	0.41667613	0.67661448	1.28646503	1.17623919	0.71528866
0	0	1.00E-04	0.09073255	0.01045405	0.02525573	1.00E-04
0	0.004	0.14280048	0.15206269	0.41957962	0.41075273	0.36909983
0	0	1.00E-04	1.00E-04	0.01239937	0.02828018	1.00E-04
0	0	0.045799	0.11851116	0.09785574	0.13386027	0.35775688
0.075	0.033	1.30102943	1.62723423	1.91531921	1.85484729	1.59271147
0	0	0.07008343	0.05952959	0.06181305	0.14312686	0.07756917
0	0	1.00E-04	0.03011434	0.02198833	0.00890653	1.00E-04
0.016	0.012	1.58324229	1.70615323	2.2585593	2.01777078	1.95262055
0	0	1.00E-04	1.00E-04	0.0020674	1.00E-04	1.00E-04
0.556	0.504	5.32562864	5.54547588	4.99199858	5.1096444	5.44854545
0	0.004	0.24588482	0.13759019	0.26275672	0.24180479	0.0838885
0	0.004	1.00E-04	0.03271239	0.0278722	0.05321828	0.24521621
0	0.004	1.00E-04	0.05127464	0.0064194	0.07304137	1.00E-04
0	0	0.11104201	0.11958887	0.21456167	0.24630729	0.1771146
0	0	0.36093955	0.42442922	0.1797183	0.19867248	0.20157425
0	0	0.03726549	0.06911124	0.03328861	0.00234742	1.00E-04
0	0	0.05262797	0.19214494	0.20067681	0.19271317	1.00E-04
0	0	0.05919811	0.05891688	0.016945	0.01677794	1.00E-04
0	0	1.00E-04	0.07440153	0.10554078	0.10753218	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00438462	1.00E-04
0.016	0.008	2.31224489	2.16165816	2.12078155	2.26165246	3.20963736
0.012	0.016	0.51500048	0.77450619	0.52584313	0.71493422	0.36301828
0	0	1.00E-04	0.01627966	0.05128156	0.04190212	1.00E-04
0	0	0.33235107	0.09976744	0.24284176	0.17959424	0.08468079
0	0	0.06577927	0.00424356	1.00E-04	0.0108201	0.04087983
0.004	0	1.00E-04	1.00E-04	0.02947538	0.01551418	1.00E-04
0.004	0	0.14985184	0.21937108	0.16228771	0.22648266	1.00E-04
0	0	1.00E-04	0.01552434	0.00167292	0.0015048	1.00E-04
0	0.004	0.24481661	0.16444625	0.23842013	0.25142302	0.43105894
0.008	0	0.12881187	0.08564116	0.27911592	0.21346841	1.00E-04
0	0	1.00E-04	1.00E-04	0.01100214	1.00E-04	1.00E-04
0.004	0	0.07627759	0.19212214	0.46387001	0.58170089	0.18214597
0	0.004	1.00E-04	0.03839857	0.04878288	0.04243303	1.00E-04
0	0	0.05884604	0.07839547	0.08369349	0.15118576	0.56634266
0	0	1.00E-04	1.00E-04	1.00E-04	0.01480593	1.00E-04
0.012	0.016	0.49440026	0.55489841	0.63552758	0.49116141	0.1660212
0.008	0.004	0.3328376	0.25487623	0.45548842	0.48322139	0.14567351
0	0	0.04457696	0.18362456	0.27928005	0.29314232	0.05010145
0.06	0.172	2.49405972	2.6441614	2.29310702	2.52149823	2.44689054

0.004	0	1.00E-04	0.00839851	0.02143399	0.00682213	1.00E-04
0.004	0	0.94063181	0.84887564	1.28519248	1.10221925	1.04919456
0	0	0.2545882	0.21169881	0.19859177	0.24925696	0.39194434
0	0	0.29073503	0.19332381	0.24671648	0.30554512	0.31750301
0.004	0	0.24136245	0.09753167	0.17511605	0.14986583	0.24375503
0	0	0.13022304	0.18485638	0.20707899	0.20915097	0.13678516
0.036	0.016	0.71275682	0.50484441	1.32279612	1.15347209	1.13863332
0	0	1.00E-04	1.00E-04	0.02300384	0.01508209	1.00E-04
0	0	1.00E-04	0.0212125	0.01934819	0.03285025	1.00E-04
0	0	0.14632479	0.11022983	0.17050688	0.12272675	0.16549602
0.004	0.004	0.02529444	0.23759873	0.24412988	0.51269021	1.00E-04
0	0	1.00E-04	1.00E-04	0.01884998	0.02262692	1.00E-04
0	0	1.00E-04	0.10938069	0.21976253	0.15384508	0.07153673
0	0	0.18735921	0.39949288	0.22988419	0.28423416	0.18648319
0.079	0.057	1.94162953	2.08276644	1.87643189	2.15665784	2.23227652
0	0	0.20086577	0.12792309	0.23030429	0.2591696	0.19253699
0	0	1.00E-04	0.00425042	0.04058462	0.04984622	1.00E-04
0	0	1.00E-04	1.00E-04	0.01757503	0.0158863	1.00E-04
0	0	0.02954135	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.00196016	0.0013582	1.00E-04
0	0	1.00E-04	0.09070709	0.00217634	0.01416524	1.00E-04
0	0	0.04449116	0.01636722	0.04902799	0.06247716	0.06363567
0.171	0.111	3.1316566	3.25070712	3.18447725	3.47476469	3.31417185
0.083	0.148	1.89618074	2.22167072	2.88121379	2.73564503	2.26373663
0.004	0	0.33360985	0.42987097	0.22871713	0.3343223	0.2677917
0	0	0.0342123	0.824018	1.44281177	0.97055179	0.53663195
0	0	0.03828837	0.20856787	0.08814619	0.07580399	1.00E-04
0	0	0.03302192	0.2070541	0.06476248	0.06660351	0.04968975
0.02	0.016	0.62490914	0.6184123	1.23684647	1.05311051	0.75623442
0	0.008	0.33672519	0.61413732	0.5326762	0.56864853	0.15660372
0	0.02	0.25889493	0.31920552	0.68061582	0.62211629	0.49263231
0	0	0.28904509	0.27576051	0.28884379	0.33805585	0.11274112
0	0	1.00E-04	0.01331549	0.01105934	0.06793561	1.00E-04
0.012	0.016	1.13969238	0.92870764	0.80680561	0.89203256	0.63044974
0	0	1.00E-04	1.00E-04	0.02379528	0.02302731	1.00E-04
0	0	0.05647217	0.18599871	0.21686891	0.20819503	0.03603092
0	0	1.00E-04	1.00E-04	0.00272605	0.00192672	1.00E-04
0.004	0.012	0.35258282	0.4399712	0.63547701	0.57295035	0.38465589
0.048	0.037	2.235225	2.15130618	2.64215589	2.61315318	2.43311877
0	0	0.00789942	0.12106726	0.14989635	0.18107223	0.04058868
0	0	1.00E-04	0.00663225	0.01237074	0.00674212	1.00E-04
0.127	0.139	3.08127278	3.00561605	2.6437415	2.7681722	3.22493151
0.008	0.008	2.2344042	2.36421801	2.42607704	2.39937117	1.00E-04

0	0	0.19003196	0.03737045	0.0836639	0.04988733	1.00E-04
0	0	1.00E-04	0.00349129	0.01187258	0.01792962	1.00E-04
0.004	0	0.09079517	0.05828993	0.2042342	0.18117067	0.08291024
0	0	1.00E-04	1.00E-04	0.00335297	0.00629622	1.00E-04
0.099	0.074	3.48289276	3.5272025	4.17574446	3.91447431	3.48147105
0	0	0.50967625	0.10464998	0.06325338	0.09637543	0.35908423
0.016	0.004	1.31032227	1.19666248	1.91521406	1.77404119	1.37212927
0	0	1.00E-04	0.01258813	0.00212255	0.00124112	1.00E-04
0	0	1.00E-04	0.02427152	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	0.00610253	0.02750242	0.03003234	1.00E-04
0	0.012	0.07370185	0.41017331	0.13574435	0.21433282	1.82272762
0	0	0.30817266	0.3345377	0.54281694	0.46124199	0.54370198
0	0	1.00E-04	1.00E-04	0.00571728	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00727841	1.00E-04
0.012	0.008	0.96331164	1.05058563	1.49323766	1.40366414	0.93638064
0	0	0.03518154	0.0071775	0.08635032	0.09018624	0.12257649
0.389	0.434	3.08487659	3.16053402	2.94863669	3.35519626	3.37606893
0.04	0.029	1.09734111	1.08442413	1.79856507	1.56713579	1.53215407
0	0	1.00E-04	0.00721118	0.01148507	0.02592194	1.00E-04
0.04	0.02	1.77516453	2.03487281	1.5773729	1.96083581	1.80652787
0	0	1.00E-04	1.00E-04	0.01280988	1.00E-04	1.00E-04
0	0	0.07127052	0.03607541	0.03038176	0.02244067	0.04715504
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02099697	0.01186043	0.14103172	0.1123417	0.08722224
0	0	1.00E-04	0.02644918	0.02101208	0.00914796	1.00E-04
0.004	0.004	0.41842407	0.35712739	0.65183946	0.61636103	0.42237795
0.004	0.004	0.21984667	0.53072757	0.46128664	0.54528886	0.2464957
0	0.004	0.24540733	0.24838471	0.27905281	0.30895619	0.23456027
0	0	1.00E-04	0.01068671	0.0360077	0.04352473	1.00E-04
0	0	0.011105	0.08762305	0.10823626	0.0990533	0.07677759
0.024	0.033	0.76319703	0.71546575	1.27075752	1.0722101	0.84466108
0	0.004	0.11920831	0.02966715	0.12075958	0.08298693	0.06994784
0	0	1.00E-04	0.00286917	0.00419252	1.00E-04	1.00E-04
0	0	0.01146917	1.00E-04	0.00168255	0.00827459	1.00E-04
0	0.012	0.4539642	0.40999527	0.7232111	0.64023448	0.61598956
0.063	0.061	2.55142998	2.73704058	2.42116721	2.54487961	2.81473848
0	0	0.04256775	0.02435921	0.08932545	0.06942741	1.00E-04
0.056	0.086	2.66855051	2.8117803	2.44046479	2.76269244	2.60802199
0.012	0	0.04968713	0.09963693	0.26369847	0.18229884	0.06077541
0.008	0.004	0.52918232	0.4508161	0.96388021	0.83863619	0.7308342
0	0	1.00E-04	1.00E-04	0.03471288	0.02751645	1.00E-04
0	0	0.02149079	1.00E-04	0.00648431	0.00708694	1.00E-04
0	0	1.00E-04	0.00708939	0.01636457	0.04823994	1.00E-04

0.004	0.004	0.24769789	0.28560002	0.73489006	0.70958625	0.46135841
0.016	0.033	2.08967445	2.40391572	1.98261957	2.33568027	1.73230687
0	0	1.00E-04	1.00E-04	0.00388019	0.00389192	1.00E-04
0.008	0	1.22301746	1.03809876	0.96247599	0.90522835	1.21350758
0	0.004	1.00E-04	1.00E-04	0.01342066	0.00099989	1.00E-04
0	0.004	0.05618876	0.02326931	0.15549726	0.14436571	0.18347965
0.198	0.184	2.38801952	2.56696748	2.49691048	2.59641738	2.98296812
0	0	1.00E-04	0.0196895	0.0612724	0.04787281	1.00E-04
0	0	0.25628645	0.43660599	0.5546903	0.49909333	0.46256438
0	0	0.00901903	0.050096	0.14127625	0.14210051	1.00E-04
0.063	0.102	3.11905623	2.95154658	2.51545833	2.98304794	2.94943407
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.24887936	0.19314575	0.1799714	0.23877335	0.27111602
0.778	0.623	1.0346979	1.36619814	1.44600979	1.34718357	0.84121694
0.127	0.107	1.66713604	1.81418445	1.58762652	1.93772878	1.61649411
0.44	0.488	0.0433266	0.06495106	0.13119018	0.06940358	1.00E-04
0.008	0	0.21745041	0.12284656	0.29381289	0.21689122	0.53456914
0	0	1.00E-04	0.11042937	0.04766322	0.06671161	1.00E-04
0.036	0.016	1.49616811	1.45785797	2.05320747	1.68438462	1.45297791
0	0	1.00E-04	1.00E-04	1.00E-04	0.00453339	1.00E-04
0	0	0.36315462	0.35345877	0.1355344	0.14765809	0.41488093
0	0	1.00E-04	0.00962822	0.00326327	0.02003767	1.00E-04
0.583	0.537	4.92606892	5.13875961	4.79354679	4.95850473	5.00300708
0.004	0	0.26449899	0.17595758	0.15305032	0.25117132	0.18022084
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.96889013	0.96642619	1.59634758	1.5425521	0.95227225
0.004	0.008	1.00E-04	0.0289088	0.09255723	0.05427893	1.00E-04
0	0	0.22825539	0.18430345	0.35789349	0.31539282	0.20554386
0	0	1.00E-04	0.01783245	0.08671556	0.05917378	1.00E-04
0	0	1.00E-04	1.00E-04	0.02905327	0.0401095	1.00E-04
0	0	1.00E-04	1.00E-04	0.01170419	0.00121759	1.00E-04
0	0	1.00E-04	0.03864449	0.06990935	0.06957233	1.00E-04
0	0	1.00E-04	0.04287915	0.02456809	0.06355161	1.00E-04
0	0	0.05316462	0.05452818	0.13932123	0.15514883	1.00E-04
0.159	0.193	3.11797783	3.17861439	2.95655419	3.15345436	3.38878552
0	0.004	0.24089936	0.33890156	0.62540132	0.56965375	0.37572821
0.004	0.004	0.21262316	0.41928989	0.47513056	0.47419917	0.33106333
0.008	0.012	0.20782297	0.32297084	0.71988706	0.54263795	0.45269675
0	0	0.17622263	0.09767743	0.09074856	0.09232078	1.00E-04
0.052	0.086	2.25703105	2.15393359	2.12104464	2.31885591	2.41329404
0	0	1.00E-04	1.00E-04	0.00170468	1.00E-04	1.00E-04
0	0	0.12248278	0.17382677	0.10253181	0.12062512	0.10096623
0.004	0	0.66875359	0.42302873	0.44611423	0.56888522	0.81718313

0	0	0.07480201	0.34911912	0.1027095	0.10531341	0.19157694
0.04	0.041	0.7976595	0.66850993	1.45312397	1.52396117	1.12581006
0.032	0.025	2.72716035	2.72210036	3.4332088	3.37637414	2.92746747
0	0	1.00E-04	0.01391772	0.00515224	0.0383194	1.00E-04
0	0.004	1.00E-04	0.04689729	0.02505437	0.0545869	1.00E-04
0	0	1.00E-04	0.01739049	0.01518229	0.00137207	1.00E-04
0	0	0.18266281	0.23336379	0.32999149	0.34086655	0.23703992
0.056	0.074	3.82414922	3.63270229	3.06955676	3.26434479	3.33590994
0.087	0.086	2.27312083	2.4208434	1.96885022	2.18512646	2.33679264
0	0	1.00E-04	0.06198951	0.00441993	0.01142218	1.00E-04
0	0	1.00E-04	1.00E-04	0.00225028	0.0013137	1.00E-04
0.008	0	0.1977571	0.49067721	0.2483889	0.31012639	0.18997617
0.016	0	1.08351378	1.01508143	0.96797683	1.01776307	0.37585978
0	0	0.0706961	0.05056634	0.03852539	0.03716261	1.00E-04
0.004	0	0.01904653	0.04138133	0.04481782	0.05145224	1.00E-04
0.056	0.049	1.90713651	2.21243376	2.27149717	2.20926725	2.04436128
0	0	0.62731141	0.79053882	0.65874405	0.70184084	0.55025002
0	0	0.06343186	0.05203382	0.04721443	0.04454727	1.00E-04
0.107	0.057	2.94398491	2.87722953	3.72865836	3.80054302	2.88030335
0	0	0.27763105	0.09640697	0.04612961	0.04831762	1.00E-04
0	0	0.01390493	1.00E-04	0.06542172	0.02486157	0.05626356
0.008	0	0.12976154	0.11514071	0.378341	0.31832791	0.23411858
0.127	0.123	1.91369144	1.90036537	2.87146838	2.62162472	2.17065635
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02810634	0.12760234	0.04062318	0.03200915	0.03884125
0	0	1.00E-04	0.02878152	0.05640804	0.05342364	1.00E-04
0.004	0.004	1.00E-04	0.00624793	0.03251496	0.00429314	1.00E-04
0.028	0.025	0.27298073	1.38697191	0.39818256	0.13034783	0.27692494
0.004	0	0.27765861	0.20110986	0.17848853	0.2123611	0.14088422
0	0	1.00E-04	1.00E-04	0.01289056	0.01282487	1.00E-04
0.004	0	0.46834911	0.37317362	0.23329203	0.40592288	0.09514371
0.099	0.139	2.21967101	2.51248364	2.38408508	2.55966218	2.38904826
0.012	0.008	1.25028728	0.97289771	1.47442074	1.45457347	1.23919015
0	0	0.05497286	0.20544245	0.30925717	0.18017384	0.2321876
0	0	0.01430333	0.01314025	0.01172406	0.02003383	1.00E-04
0.056	0.053	2.83544798	2.98064979	2.68824469	2.86356855	2.83095459
0.004	0	0.11973319	0.07188619	0.202964	0.19226588	0.2041482
0	0	1.00E-04	1.00E-04	1.00E-04	0.00520164	1.00E-04
0	0	0.51461829	0.54713013	0.2381586	0.32682258	0.321278
0.012	0.004	0.84588448	1.00387273	0.93080873	0.91723433	0.38285397
0	0	1.00E-04	1.00E-04	0.00476313	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.12153636	0.12076433	0.05059055	0.04367734	1.00E-04

0.004	0.004	0.87432786	1.25066574	0.97882958	1.23296222	1.09094468
0	0	1.00E-04	0.01654797	0.00556869	0.00362615	1.00E-04
0.044	0.053	1.82471978	1.93909294	1.39719543	1.6494481	1.63254799
0.06	0.074	2.22690882	2.29700465	2.59330256	2.57569146	2.51733988
0	0	1.00E-04	0.02964165	0.00785961	1.00E-04	1.00E-04
0.012	0.029	0.99904427	1.07763342	1.17321471	1.32915677	1.13379916
0	0.004	0.65047149	0.67606393	1.09826585	0.98802059	0.55469482
0	0	1.00E-04	1.00E-04	0.00855011	0.00325601	1.00E-04
0	0	1.00E-04	0.0106161	0.0267666	0.04540719	1.00E-04
0	0	0.57541377	0.88911271	0.45549128	1.05657019	0.16570095
0.004	0	0.06709203	0.10437634	0.08772537	0.07150504	1.00E-04
0.806	0.811	6.19930082	5.70297223	7.02719426	6.86449117	6.68645774
0.294	0.262	4.79136552	4.96601926	4.43037206	4.56341634	4.88924541
0.167	0.156	3.88532806	3.89200194	4.70067814	4.64886861	4.02680637
0.016	0.012	0.35687579	0.62622086	0.87548171	0.87840893	0.47368291
0	0	0.19896919	0.37467863	0.46064175	0.40206502	0.17840943
0.016	0.012	1.28932218	1.62973745	1.42552382	1.68721303	1.73166701
0.008	0.008	0.2683706	0.16404421	0.38534487	0.3756916	0.32535088
0.004	0	0.01755646	0.14553776	0.10916149	0.01668752	0.59121742
0	0	1.00E-04	1.00E-04	1.00E-04	0.00110465	1.00E-04
0	0	0.05981249	0.03859304	0.04858396	0.0850208	0.16908654
0	0	1.00E-04	1.00E-04	0.00491679	0.00344725	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.571	0.525	5.33898158	5.57317919	5.02717236	5.24240959	5.26385891
0	0	0.00947882	0.04034445	0.06325697	0.04590141	0.08408043
0	0	1.00E-04	1.00E-04	0.00352017	0.00513719	1.00E-04
0	0.004	0.07484584	0.0450904	0.16566802	0.13620505	0.10439729
0	0	0.34419253	0.32864449	0.15534672	0.21265782	0.24739857
0.024	0.016	0.84406681	0.81198936	1.27456533	1.28478617	0.98099197
0	0	0.01809179	0.0299335	0.05364514	0.03570309	0.03658585
0.004	0.004	0.23016317	0.35203697	0.50744137	0.51544573	0.60700375
0	0	1.00E-04	0.01460024	0.06330042	0.02126882	1.00E-04
0	0	1.00E-04	0.03982972	0.04079609	0.01398687	1.00E-04
0.083	0.074	4.29903342	4.3583102	4.8765239	4.42827657	3.93664563
0	0	1.00E-04	0.02077135	0.00867615	0.07683551	1.00E-04
0	0	0.01371084	0.03949635	0.0263017	0.00523735	1.00E-04
0.004	0	0.41582784	0.6281036	0.47285122	0.52588936	0.21293171
0	0	0.04832859	0.00670587	0.01570764	0.01661394	1.00E-04
0	0	0.07297688	0.17090602	0.22566932	0.13000179	0.08719476
0	0	1.00E-04	0.01946612	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.15433057	0.052367	0.08396978	0.24164767
0	0	1.00E-04	0.0073686	0.00576836	0.02286066	1.00E-04
0	0	0.04377788	0.11445611	0.1341408	0.16516432	1.00E-04

0	0	1.00E-04	1.00E-04	0.02142653	0.03410371	1.00E-04
0	0	1.00E-04	0.00387445	0.00892675	1.00E-04	1.00E-04
0	0	1.00E-04	0.01457903	0.01215831	0.00527461	1.00E-04
0	0	1.00E-04	0.02503436	0.01626368	0.00487068	1.00E-04
0.008	0.012	0.46033753	0.61237875	1.11400032	1.06021571	0.71172595
0.071	0.119	2.76237828	1.66975873	2.4236115	2.21325864	3.35443009
0	0	1.00E-04	0.03950178	0.06808385	0.05243986	1.00E-04
0.036	0.061	1.12137191	1.2874369	1.05902336	1.18936464	0.89870717
0.004	0.004	1.00E-04	0.4609557	0.13566779	0.28681948	0.14432223
0	0	1.00E-04	0.15396516	0.08206608	0.07077563	1.00E-04
0.028	0.016	1.44392897	1.5572656	1.41537118	1.56615166	1.21919577
0	0	1.00E-04	0.01690237	1.00E-04	0.00361127	1.00E-04
0.024	0.016	0.97811679	1.13635346	1.38258355	1.36556076	1.09066593
0	0.004	0.05327745	0.07306726	0.14616068	0.09509272	0.04670496
0	0.004	1.00E-04	0.00843772	0.0026268	0.02775844	1.00E-04
0	0	1.00E-04	0.06688973	0.12351737	0.09964206	1.00E-04
0	0	0.1175446	0.09206956	0.06012629	0.06813744	0.30570682
0	0.004	0.70884913	0.50871595	0.23947613	0.30847708	1.11832156
0	0	0.14490161	0.09922816	0.09361993	0.10561384	0.1984966
0.016	0.012	0.55549678	0.49545796	1.10584661	0.916998	0.71796986
0	0	1.00E-04	1.00E-04	0.00392563	1.00E-04	1.00E-04
0.008	0.02	1.76753894	1.54374929	2.16793056	1.92290885	1.75356901
0	0	1.00E-04	1.00E-04	0.01314385	0.01262918	1.00E-04
0	0	1.00E-04	0.01469992	0.01932035	0.03162692	1.00E-04
0	0	1.00E-04	0.01356191	0.07007713	0.02963348	1.00E-04
0	0	1.00E-04	1.00E-04	0.01139503	1.00E-04	1.00E-04
0.016	0.012	0.69551696	0.82307456	0.53781428	0.55326804	0.76092207
0	0	1.00E-04	1.00E-04	0.012201	0.01153428	1.00E-04
0	0	1.00E-04	0.01016064	0.01755828	0.01723583	1.00E-04
0.008	0	0.13565947	0.11270839	0.06233716	0.11525818	0.07062081
0	0	1.00E-04	0.09641105	0.07973843	0.10994932	1.00E-04
0.575	0.549	4.6253284	4.6646429	4.23834588	4.62126475	4.6504643
0	0.004	0.05885514	0.04085249	0.18583479	0.17512013	0.27860286
0	0	1.00E-04	0.00461459	0.02425166	0.02376914	1.00E-04
0	0	0.03474728	0.00691331	0.08765921	0.06488707	0.22545718
0	0	1.00E-04	1.00E-04	1.00E-04	0.01194231	1.00E-04
0.155	0.102	2.30256906	2.43941938	2.52421049	2.78397163	2.65472563
0	0	1.00E-04	0.00569941	0.00849938	0.02995156	1.00E-04
0.282	0.283	4.13490717	3.96854479	4.4974086	4.37996359	4.30741736
0	0	0.07733024	0.01959806	0.0156296	0.02858436	1.00E-04
0	0	1.00E-04	0.05075582	0.02250161	0.02441615	0.0785195
0	0	0.69141423	0.61479347	1.41794078	1.45816847	0.82239127
0	0	0.04674718	0.02254447	0.00749181	0.01270744	1.00E-04

0	0	0.32030352	0.2438839	0.18497348	0.16697244	0.28566833
0.008	0	0.03901613	0.04448245	0.06611034	0.07794095	1.00E-04
0	0	0.4055336	0.38060615	0.271363	0.26000738	0.33859941
0	0.004	0.509983	0.56811992	0.24000759	0.47433845	0.87761785
0.004	0	0.029443	0.09101037	0.05095464	0.0874473	1.00E-04
0	0	1.00E-04	0.02007664	1.00E-04	1.00E-04	1.00E-04
0.02	0.004	0.41151569	0.49909157	0.99182905	0.77498779	0.70045419
0	0.008	0.19704619	0.39830299	0.18360132	0.23246071	0.36558378
0.02	0.033	1.96382084	2.66177598	1.84694002	2.22845789	2.32297893
0	0	1.88694887	1.94969244	1.42154871	1.72557312	1.68657747
0.008	0.012	0.48823232	0.69346526	0.7443229	0.70084134	0.7445552
0.004	0	0.14934231	0.06153393	0.06196287	0.09289902	1.00E-04
0	0	0.0701788	0.15947458	0.12490884	0.13889092	1.00E-04
0	0	1.00E-04	1.00E-04	0.00168567	1.00E-04	1.00E-04
0.004	0.004	0.20701807	0.20776838	0.10578953	0.21813958	0.05843373
0	0.004	0.06821749	0.10088915	0.16577585	0.20382101	0.04764173
0.028	0.029	1.54018206	1.50094041	1.70029135	1.78353338	1.30551949
0.012	0.025	0.75506258	0.84006979	0.92618536	0.97569048	1.24494958
0	0	0.0546787	0.02351066	0.01177848	0.02043293	1.00E-04
0.016	0.025	1.37274557	1.50424807	1.67646557	1.78146073	1.49073632
0	0	1.00E-04	1.00E-04	0.00289684	0.00733157	1.00E-04
0	0	0.03534689	0.05750896	0.04358394	0.03496461	1.00E-04
0	0	1.00E-04	0.07350753	1.00E-04	0.0256994	1.00E-04
0	0.004	0.08976905	0.13710035	0.16764444	0.30119038	0.07463752
0.036	0.037	1.14367881	0.9230091	1.81377398	1.60717783	1.50383937
0	0	0.12032967	0.21326876	0.16038731	0.13873265	0.05253243
0.004	0	0.77333007	0.57299821	0.9091797	1.03349817	0.69812565
0	0	0.02626986	0.06381919	0.09704754	0.06478454	0.06370301
0.024	0.008	0.38858712	0.52099774	0.97496965	0.81450905	0.33446444
0	0	1.00E-04	1.00E-04	1.00E-04	0.00246345	1.00E-04
0	0	0.26249653	0.32847537	0.29941535	0.32684167	0.14914369
0	0	1.00E-04	1.00E-04	0.00278638	1.00E-04	1.00E-04
0	0	0.01688613	0.0089432	0.01139716	0.01345143	1.00E-04
0	0	0.13666284	0.17455675	0.13215864	0.13160929	0.17343556
0	0	1.00E-04	1.00E-04	0.00790664	0.01212441	1.00E-04
0	0	0.09534098	0.02177184	0.04764388	0.04073288	0.05678968
0	0	1.00E-04	0.05579272	0.01340134	0.03133996	1.00E-04
0	0	0.41855436	0.67201312	1.14534439	1.1788985	0.64196781
0	0	0.40528413	0.07732423	0.08141603	0.11776159	0.09926567
0.012	0.012	0.58770451	0.56217539	1.06017744	0.8888082	0.90574281
0	0	1.00E-04	1.00E-04	0.01319639	0.01064406	1.00E-04
0.071	0.086	2.4610061	2.50223336	2.58243039	2.74332314	2.5251371
0.095	0.066	4.80461667	5.15723025	4.74769581	4.86219157	4.40537476

0	0.004	0.02518577	0.05243691	0.04617619	0.06380169	1.00E-04
0.02	0.025	0.53722198	0.54089577	0.56517508	0.80261084	0.27498877
0.099	0.078	3.21200169	3.25839141	3.20038857	3.32332951	3.54441752
0	0	0.04922299	0.02206349	0.02011389	0.00854794	1.00E-04
0	0	0.01468607	0.06188933	0.02749343	0.04502517	0.41409905
0.048	0.037	1.65617218	1.44176252	1.5159515	1.60101578	2.2252343
0	0	1.00E-04	1.00E-04	0.00544575	0.0145843	1.00E-04
0	0	0.09037544	0.06703623	0.067316	0.06535759	1.00E-04
0	0	1.00E-04	0.01347546	0.01971769	0.03045901	1.00E-04
0.079	0.094	4.09337413	4.46161121	4.44296386	4.42269491	5.09714646
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.18943496	0.24990689	0.25707277	0.24747276	0.13745755
0.008	0.004	0.77383035	0.75006936	0.42201076	0.44736753	0.98362021
0.187	0.127	5.34790793	4.89803469	5.74521808	5.65076623	5.40582207
0.187	0.189	2.62598768	2.64498936	3.63003272	3.3493974	2.98251765
0	0	1.00E-04	0.02812838	0.09255559	0.09201647	1.00E-04
0	0	0.10244806	0.03908128	0.12431302	0.15861225	0.1984389
0	0	0.09017671	0.1357477	0.13151683	0.12654624	1.00E-04
0	0	1.00E-04	0.01794475	0.01457412	0.01135958	1.00E-04
0.036	0.045	1.15633634	1.49808986	1.75169756	1.19524913	2.19166325
0	0	0.01759249	0.02701056	0.20457329	0.11775376	0.04594565
0.004	0.004	0.15105112	0.27941329	0.5687488	0.0976196	0.62562415
0.04	0.037	1.71355342	1.73628612	1.64715354	1.7914237	1.48072442
0	0	1.00E-04	0.00410833	0.02569651	0.027461	1.00E-04
0	0	1.00E-04	0.00376764	0.00335352	0.02446293	1.00E-04
0.004	0.004	0.08896058	0.08348742	0.31524264	0.2456574	0.12549876
0.024	0.016	0.76407327	1.26068396	0.98369826	0.85396866	1.46242934
0	0	0.08346223	0.19407626	0.12956841	0.16319117	0.03885978
0.067	0.123	1.55827394	1.39426588	2.83720034	2.68040056	1.77169297
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.008	0.65468661	0.6223331	0.7773414	0.88487159	0.86248185
0	0	0.04259117	0.12898684	0.30019648	0.16378442	0.04839768
0.52	0.434	4.92889882	5.15050511	5.61506504	5.6236665	5.16910126
0	0	1.00E-04	0.0106037	0.00683228	0.02440746	1.00E-04
0.004	0	0.11552294	0.08762619	0.22945448	0.17435477	0.08352209
0.079	0.029	1.42098748	1.13821671	2.25567529	2.09413088	1.9699407
0.056	0.061	1.15946415	1.43742079	2.09289031	1.92808369	1.74818338
0	0	1.00E-04	0.01710539	0.02302334	0.03628818	1.00E-04
0.02	0.016	0.56029792	0.96936927	0.81079292	1.12889326	0.60978349
0	0	0.16624587	0.13472641	0.28899578	0.34292289	0.36443473
0	0.008	0.27060615	0.22783451	0.72785039	0.60958135	0.56431107
0	0	1.00E-04	1.00E-04	1.00E-04	0.00183895	1.00E-04
0	0	1.00E-04	0.01222493	0.161017	0.05576585	1.00E-04

0	0	1.00E-04	0.01289708	0.04340407	0.03550103	1.00E-04
0.004	0.004	0.07208984	0.08394975	0.10620824	0.15832625	0.34703533
0.016	0.012	0.80223962	1.07614374	1.52638246	1.49063865	0.85953072
0.187	0.189	3.78178669	3.90522014	3.62532463	3.79142059	3.66317493
0.04	0.037	1.76869768	1.84618815	1.29448365	1.44375414	1.96054093
0	0	0.07114606	0.04644511	0.02027295	0.02835791	1.00E-04
0	0	0.12404937	0.19458283	0.05452179	0.07536443	0.03969631
0.004	0	0.40084995	0.44484675	0.22788563	0.27701541	0.16955958
0	0	1.00E-04	0.04398592	0.05078225	0.09200081	1.00E-04
0.028	0.025	0.02991564	0.31316142	0.10719826	0.1114898	0.05903162
0.06	0.037	1.23606453	1.19475538	0.99593105	1.20396031	1.44939858
0	0	0.06359856	0.01010989	0.03292017	0.0701445	1.00E-04
0	0	1.00E-04	0.01105991	0.00575691	0.00293474	1.00E-04
0.028	0.033	1.31367703	1.44383165	1.97628306	1.98977833	1.6834913
0	0	0.03447316	0.06524211	0.07851001	0.05789177	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.016	0.02	0.28518428	0.46452723	0.29539775	0.48791648	0.22783623
0	0	0.17263083	0.06883127	0.05864335	0.08944549	0.18268299
0	0	1.00E-04	1.00E-04	0.02642462	0.01752164	1.00E-04
0.004	0	0.16823522	0.29942206	0.32824085	0.39131478	0.262613
0.008	0.016	0.07173694	0.18771028	0.09034248	0.2551325	0.04629432
0.04	0.045	2.78844367	2.91387465	2.57988278	2.69439851	2.99976688
0	0.004	0.39435886	0.23638655	0.34605113	0.46880642	0.59489564
0.06	0.02	2.28702614	3.65601454	2.3059506	2.05590934	2.24081916
0	0.004	0.45131981	0.60228295	0.46721558	0.43815818	0.45344387
0	0	1.00E-04	0.13604324	0.02501377	0.01488918	1.00E-04
0	0	1.00E-04	0.01412189	0.0028037	0.01084066	1.00E-04
0	0.004	0.10495222	0.12196743	0.16452656	0.10244445	0.10823147
0	0	1.00E-04	1.00E-04	0.010582	0.00132063	1.00E-04
0	0.004	0.08883108	0.27626787	0.20122193	0.27809221	0.25909843
0.004	0	1.00E-04	0.01920469	0.04853466	0.01666617	1.00E-04
0	0	1.00E-04	1.00E-04	0.00213481	0.0296706	1.00E-04
0.004	0	0.25469478	0.19632826	0.20357724	0.39268569	0.1417677
0.008	0.016	1.17535722	1.31111898	0.79039781	1.00164906	0.86453856
0	0	0.72159128	0.69628856	0.47713107	0.62460398	0.57095133
0.016	0.012	3.59827769	3.43764919	3.77709599	3.76715007	3.35685201
0	0	1.00E-04	1.00E-04	0.00317792	0.00223944	1.00E-04
0.016	0.045	0.42934871	0.51446415	0.41351573	0.70968085	0.70060445
0	0	0.17644581	0.0360258	0.08129469	0.07153642	1.00E-04
0	0	0.09382871	0.0789431	0.10975145	0.08078233	1.00E-04
0.012	0	2.079871	1.98500444	2.57070316	2.39996585	2.11881837
0	0	0.02016722	0.1007088	0.01919839	0.00480841	0.29301153
0.214	0.139	0.11273477	0.36007614	0.36014172	0.27797133	1.00E-04

0	0	0.10787074	0.02465861	0.03710409	0.0496867	0.05377483
0.052	0.041	2.30920654	2.36676391	2.41955719	2.5023351	2.68597044
0	0	0.03900011	0.08506428	0.07907103	0.0963913	0.03148474
0.028	0.07	2.1743216	2.1969373	1.94559112	2.05844981	2.30718771
0.004	0.008	0.12726169	0.24196119	0.55965225	0.40556022	0.41592062
0	0	1.00E-04	0.02054159	0.00730407	0.01389274	1.00E-04
0	0	0.02244162	0.00621915	0.03705194	0.03931265	0.05703764
0	0.008	0.22166847	0.3818369	0.48971114	0.43071762	0.2500102
0	0	0.04383221	0.12051153	0.11626676	0.1394244	0.2979475
0	0	1.00E-04	1.00E-04	1.00E-04	0.00787602	1.00E-04
0.234	0.266	3.84140896	3.96774354	3.40775691	3.70115649	3.98358133
0	0.004	0.0634278	0.11247122	0.17316176	0.15424298	0.18402527
0.139	0.111	4.85110907	6.05231602	5.26562487	5.51054538	5.41553853
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.067	0.057	2.59607493	2.47775813	2.99238607	3.03386854	2.56360787
0.008	0.012	0.72188771	0.85271502	1.56109841	1.37285321	1.15035695
0	0	0.04975906	0.12840886	0.05325997	0.05886342	1.00E-04
0.004	0	0.81389711	1.00064499	1.20403084	1.09902548	1.18409492
0	0	1.00E-04	0.03198003	1.00E-04	0.00781795	1.00E-04
0	0	0.05739746	0.07051797	0.03656627	0.06258548	0.05744226
0	0	1.00E-04	1.00E-04	1.00E-04	0.00287105	1.00E-04
0	0.004	0.29345009	0.26660134	0.669183	0.53589364	0.45297374
0	0	1.00E-04	0.03372703	0.0120305	0.03099801	1.00E-04
0	0	0.47686256	0.58223389	0.34403781	0.54608284	0.46392605
0	0	0.31447049	0.15498082	0.07805552	0.06268883	0.26730165
0	0	0.40803878	0.4290919	0.26248291	0.28371285	0.35461856
0.024	0.025	0.94804761	1.30773599	1.33951511	1.44312794	1.29810258
0	0	1.00E-04	0.01044234	1.00E-04	1.00E-04	1.00E-04
0.04	0.012	1.68877711	2.00776929	2.37645836	2.24598606	1.71242274
0.329	0.418	3.58990889	3.61640121	4.62845488	4.28747768	4.0010331
0.067	0.094	1.44538594	2.01613894	2.4918953	2.46574557	1.86805752
0.008	0	0.8578626	0.53298183	0.92425499	0.84602582	1.04529298
0.075	0.148	2.32760181	3.81958446	2.84062509	3.02097755	2.53368594
0	0	0.00943636	0.01320252	0.00321986	0.00714125	1.00E-04
0	0	0.28980661	0.2226037	0.15900641	0.09963069	0.2286837
0	0	1.00E-04	0.03790851	1.00E-04	0.00582961	1.00E-04
0	0	0.09901195	0.20596377	0.21835507	0.22958935	0.05390462
0.004	0	0.34704732	0.15782636	0.20695955	0.22815571	0.16926952
0	0	1.00E-04	0.00296663	0.00500287	0.00487001	1.00E-04
0.04	0.012	0.99708482	1.18747386	0.98318191	1.20768179	1.65646422
0	0	0.03625421	0.04356283	0.05179813	0.10181622	0.20172591
0.056	0.008	4.51893435	3.68860249	4.78766326	4.78666131	4.34296357
0	0	1.00E-04	1.00E-04	1.00E-04	0.00794476	1.00E-04

0	0	1.00E-04	1.00E-04	0.00153561	0.001807	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.044	0.094	2.58057806	2.75708313	2.67133951	3.02334631	2.95422191
0.012	0.008	0.44891027	0.48675645	0.59822331	0.56743044	0.57096788
0.032	0.053	2.38221884	2.46269476	2.1688303	2.38447788	2.56996778
0.02	0.008	0.66522461	0.80206236	1.02868128	0.96705338	1.07954708
0	0	0.32959426	0.29791557	0.56771995	0.48519177	0.31299119
0.016	0.045	0.41280321	0.64538262	0.38667272	0.58010743	1.20582008
0.004	0.004	0.17550271	0.58012812	0.36013293	0.34962495	0.14887681
0.028	0.029	2.01218945	2.06147078	1.65664255	1.90099186	2.17696193
0.02	0.016	1.70206751	1.64952054	1.42264405	1.74058375	1.80144058
0.008	0	0.08799444	0.08412982	0.09389976	0.13816181	0.16727513
0	0	1.00E-04	0.01174644	0.01309673	0.04378189	1.00E-04
0.004	0.004	0.23551369	0.21667926	0.27802652	0.31683899	0.29080872
0	0	0.19661445	0.25764999	0.16804133	0.14739265	0.21272219
0	0	0.14747732	0.1780856	0.32063277	0.27716328	0.14106418
0.004	0.004	0.10753059	0.13390304	0.2293615	0.20006992	0.07808106
0	0	1.00E-04	1.00E-04	0.00657879	1.00E-04	1.00E-04
0.004	0.004	0.92764221	1.07817231	0.78307283	0.91135062	1.04613481
0.115	0.115	1.70874992	1.62881891	2.60691446	2.40231681	2.10704883
0.008	0.012	1.62102692	2.36540054	1.47594745	1.62272801	1.46223275
0.012	0.012	0.60271296	0.48564355	0.92430979	0.91735897	1.07861965
0.044	0.07	0.09614987	0.34460474	0.18162484	0.24793998	0.56561648
0	0	0.43506171	0.68858274	0.63399165	0.6072828	0.78410953
0	0	0.08608784	0.06035309	0.04522999	0.05896319	1.00E-04
0.012	0	0.74685504	0.83339165	0.75092965	1.02226295	1.04937408
0	0	0.02391363	0.04051396	0.05221949	0.04678503	1.00E-04
0	0	1.00E-04	0.09579915	0.02267175	0.03250536	1.00E-04
0.008	0.008	0.44513626	0.11523151	0.26619999	0.24430837	0.65470825
0	0.004	0.483604	0.30073702	0.52394089	0.55488483	0.55201249
0	0.012	0.29611239	0.50521844	0.46544227	0.52967239	0.35863285
0	0	1.00E-04	1.00E-04	0.0013374	1.00E-04	1.00E-04
0	0.008	0.1067421	0.2379338	0.14337236	0.15931272	0.0718912
0	0	1.00E-04	0.01501954	0.02459874	0.04371037	1.00E-04
0.004	0.004	0.10172212	0.21759307	0.18493636	0.23027419	0.32331153
0	0	1.00E-04	1.00E-04	0.00208024	0.00550701	1.00E-04
0.02	0.045	1.94090229	1.92409935	2.56577354	2.49371654	2.30994751
0	0	1.00E-04	0.00869658	1.00E-04	1.00E-04	1.00E-04
0	0	0.31696563	0.36770956	0.16108908	0.20399317	0.48091523
0	0	1.00E-04	1.00E-04	1.00E-04	0.00248459	1.00E-04
0.008	0.004	2.72295662	2.93478704	2.77347627	3.12673683	2.95149455
0	0	1.00E-04	0.02018937	1.00E-04	1.00E-04	1.00E-04
0.02	0.016	1.65702536	1.77564621	1.56752975	1.81441301	1.81056636

0	0	0.20127774	0.12646783	0.43195287	0.3464994	0.26195262
0	0	0.96975742	0.81605238	0.99436104	0.98034557	0.83862715
0.02	0.016	0.97299962	0.92415209	1.61002593	1.48576471	1.23995945
0	0	0.39564966	0.23144532	0.34756103	0.31728966	0.29652456
0	0	1.00E-04	0.03461658	1.00E-04	1.00E-04	1.00E-04
0.048	0.057	0.92874132	1.23124826	1.95381876	1.70130446	1.30148366
0	0	1.00E-04	0.06718245	0.01377022	0.03179757	1.00E-04
0.004	0.008	1.28457651	1.32598373	1.60161161	1.65285681	1.29027102
0.004	0.012	0.87802625	1.02961201	0.84018072	0.92299545	1.08374674
0	0	1.00E-04	1.00E-04	1.00E-04	0.00590645	1.00E-04
0.008	0.008	1.61704676	1.77011444	1.30400574	1.56657234	1.24198901
0.004	0	0.01835288	0.06540593	0.03865718	0.0447039	1.00E-04
0	0	1.00E-04	0.0143295	1.00E-04	1.00E-04	1.00E-04
0.298	0.279	3.64863482	3.73359769	4.95176635	4.86257773	4.091443
0.004	0	0.05423857	0.0737688	0.06224932	0.07640612	0.1106388
0	0.004	0.10398136	0.07533707	0.05923839	0.06457881	0.10267182
0	0	1.00E-04	0.00583045	1.00E-04	0.00838199	1.00E-04
0	0	1.00E-04	0.02592781	1.00E-04	1.00E-04	1.00E-04
0	0	0.46238259	0.75248639	0.69418626	0.63748253	0.26867743
0.139	0.098	3.45012723	3.63139341	3.14789535	3.39877168	3.26294442
0	0	0.08613191	0.17397487	0.22549326	0.2657287	0.71360889
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.34182998	0.40193907	0.26545292	0.40708058	0.10051157
0	0	1.00E-04	0.04738685	0.03914679	0.08858328	1.00E-04
0	0	0.71292897	0.21678933	0.19152439	0.21720736	0.56324264
0.004	0	0.24352843	0.2268673	0.19202031	0.29472613	0.38800746
0	0	0.06686467	0.07276156	0.08289287	0.06711015	0.09197929
0.048	0.09	2.36112268	2.39670796	2.3225315	2.43922792	2.52715592
0.091	0.086	2.17617945	2.68530295	2.73956194	2.83325553	2.50343981
0	0	1.00E-04	0.03520463	0.01023691	0.00659317	1.00E-04
0	0	0.08729184	0.07266093	0.02264928	0.06712747	1.00E-04
0	0.004	0.07783108	0.20051986	0.31187041	0.31025128	0.11270798
0	0	1.00E-04	0.04138901	0.04657904	0.03086244	1.00E-04
0	0	1.00E-04	1.00E-04	0.00818404	1.00E-04	1.00E-04
0.008	0	0.02654192	0.09391746	0.09836913	0.04536893	1.00E-04
0	0.004	0.43977704	0.19531592	0.29415288	0.2023886	0.74417987
0	0	1.00E-04	0.02375209	0.02589042	0.03736624	1.00E-04
0.02	0.012	0.89201581	1.11110211	1.01256967	1.13021573	0.86491371
0.004	0	1.00E-04	1.00E-04	0.05152007	0.04780561	1.00E-04
0.024	0.004	2.69689821	2.27045772	3.87403655	3.47758089	3.26156456
0	0	1.00E-04	1.00E-04	0.00765611	0.0154474	1.00E-04
0	0	1.00E-04	0.01992126	0.01259718	0.02476877	1.00E-04
0.02	0.033	2.58677865	3.10880346	2.78598114	3.13603262	2.29177963

0	0	0.02831683	0.03862237	0.17325717	0.17779636	0.0819221
0	0	1.00E-04	0.03792359	0.06383956	0.07749441	1.00E-04
0.032	0	2.97232663	3.03267406	3.53728213	3.50399532	3.34652609
0.032	0.016	1.84634226	2.23627485	1.68937744	1.89412263	2.31504773
0.008	0	0.26868847	0.35684714	0.79018119	0.63612004	0.34372884
0.004	0.004	0.45003344	0.37020417	0.4390539	0.26196547	0.61488681
0.008	0	0.30466169	0.41592139	0.29026519	0.4105005	0.42094079
0.131	0.074	2.02627727	2.29455628	2.31297173	2.68437632	2.3696871
0.012	0.008	1.17965675	1.40992582	1.01720946	1.19040118	0.8847296
0.012	0.004	1.01087501	1.15779485	1.17802225	1.33539689	1.45154393
0	0	0.11415824	0.06432872	0.10447534	0.10276979	1.00E-04
0.008	0.004	0.84473334	0.67368669	0.69848186	0.75119085	1.58212857
0.087	0.078	1.97256235	1.87667587	2.76964555	2.53354446	2.19539899
0.075	0.074	1.54542831	1.45621919	1.63428406	1.72774222	2.26534113
0	0	0.05498568	0.06611182	0.04945081	0.09771223	0.07030523
0	0	1.00E-04	0.01883878	0.00394439	0.00148676	1.00E-04
0.02	0.016	1.65005909	3.63138563	1.70227783	2.24316303	3.42602124
0	0.008	0.21408603	0.62383603	0.41148776	0.31527663	0.0398047
0.218	0.254	2.85955301	2.64995664	3.88425692	3.66443211	3.28060674
0.048	0.033	2.90614342	3.05549212	2.48879491	2.82003635	3.03276877
0.222	0.25	3.31572107	3.54016125	3.37630705	3.79050455	3.59134154
0.004	0.004	0.16358388	0.28118273	0.39570583	0.43155175	0.31787988
0.008	0	0.67595203	0.57743712	0.99273782	0.85323739	0.71589304
0	0	1.00E-04	0.02378395	0.03261806	0.03769754	1.00E-04
0	0	0.25375108	0.14251966	0.52836838	0.53862975	0.63622971
0.004	0	0.66293434	0.64160152	0.43991311	0.37795665	0.65142618
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.70402458	0.81474621	0.9251899	0.93149623	0.56240714
0.028	0.02	1.4225819	1.41412395	1.56654742	1.73926167	1.39009712
0	0	1.00E-04	1.00E-04	0.00469801	0.00575545	1.00E-04
0	0	1.00E-04	0.0325344	0.07873849	0.02606392	1.00E-04
0	0	0.02040242	0.09913024	0.12650582	0.11685996	1.00E-04
0	0	0.10087651	0.13824884	0.11698423	0.19400396	1.00E-04
0.083	0.107	2.95204184	3.04347058	3.76644028	3.76215785	3.06698699
0.306	0.242	4.99464447	5.26403547	6.11086805	6.03364266	4.88050823
0	0	0.12620881	0.18844624	0.1370581	0.12500224	0.09789271
0.004	0.004	0.32535632	0.30932926	0.42619225	0.41088868	0.30848584
0	0.004	1.00E-04	0.03263829	0.04132598	0.01497244	1.00E-04
0.004	0	1.46550514	1.6021714	1.29736048	1.54738765	1.67757955
0.028	0.049	1.18147413	1.2134475	1.54857271	1.56774346	0.90837055
0	0	1.00E-04	0.01425039	1.00E-04	0.05799793	1.00E-04
0	0	1.44930544	1.52185241	1.42369166	1.54510216	1.47746813
0.095	0.074	2.1038193	2.076673	3.14003689	2.90627969	2.34281633

0	0	1.00E-04	0.02830561	0.00776988	0.00982329	0.14850785
0.016	0.008	1.11194019	1.38023383	0.89544514	1.26896964	1.22494953
0	0	0.40433311	0.41474386	0.59194326	0.4550411	0.55077315
0	0	0.21004038	0.21209545	0.20121971	0.26734683	0.43136498
0.008	0.029	0.33192473	0.35720111	0.76042863	0.67413368	0.57726439
0	0.008	0.36964174	0.53622729	0.33176018	0.34812676	0.30987779
0.151	0.189	3.8405049	3.84838401	3.8742231	3.98587327	3.81884111
0	0	1.00E-04	1.00E-04	0.03060103	0.05558776	0.20763458
0	0.004	1.00E-04	0.0145406	0.00878715	0.04470663	0.18286183
0.103	0.078	2.27459569	2.15247906	2.62640993	2.59377554	2.14754203
0.012	0.008	2.65118519	2.08375965	2.91695813	2.83644287	3.42690114
0.087	0.172	1.53522091	1.53860494	2.98451912	2.77664826	1.87879889
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.278	0.225	4.6151276	4.40213133	5.65298568	5.37731407	4.48193722
0.06	0.029	2.13663906	2.16215763	2.2301956	2.31675485	2.50163812
0	0	1.00E-04	0.0096261	0.05046851	0.01825288	1.00E-04
0	0	1.00E-04	1.00E-04	0.00270878	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00725014	1.00E-04	1.00E-04
0	0	0.00892079	0.00591152	0.0189389	0.00856399	1.00E-04
0.409	0.439	4.70987496	4.92202596	4.49923994	4.70857636	4.79468358
0.139	0.176	3.01760549	3.1307359	3.26041148	3.26940329	3.08130566
0.004	0	0.2449769	0.41538308	0.22661318	0.27706911	1.00E-04
0	0	1.00E-04	1.00E-04	0.00660462	0.00605843	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.044	0.025	2.18944927	2.34132531	1.98392676	2.05277384	2.14065259
0.012	0.004	0.25355664	0.26355688	0.33602829	0.28450871	0.48825026
0	0	0.03734944	0.07891992	0.13766046	0.07264874	0.10612088
0	0	0.06346074	0.09315333	0.20320531	0.13693018	0.16352619
0.024	0.045	3.10306976	2.98750934	2.95324145	2.6109924	2.89201853
0.004	0	0.53061691	0.10068654	0.05826933	0.08731068	0.18319813
0	0.008	0.18478196	0.3222724	0.15202703	0.23756741	0.11812366
0	0	1.00E-04	1.00E-04	1.00E-04	0.00132511	1.00E-04
0.02	0.025	2.70674028	2.65836766	2.22014909	2.35026084	2.52906351
0	0	1.00E-04	0.02474159	0.01699323	0.01450265	0.96656907
0	0	1.00E-04	0.01454794	0.01459039	0.01310782	1.00E-04
0.044	0.02	2.70590604	2.93696862	2.58719969	2.67702617	2.88993749
0.405	0.365	4.94993209	4.78519551	5.57124744	5.4327961	5.7503399
0	0	1.00E-04	0.06243766	0.05906464	0.04034049	1.00E-04
0	0	0.08217627	0.18021402	0.13399546	0.17935128	1.00E-04
0.194	0.225	2.82904421	2.31676216	3.71584173	3.61302263	3.44224546
0.028	0.008	2.55694465	2.67989731	2.8193314	2.75944365	2.65406255
0	0	0.28811962	0.28969985	0.2024537	0.20973567	0.21981962
0.032	0.016	0.95500093	0.57993011	1.32686432	1.26891716	0.76026512

0	0	0.20713516	0.30434689	0.62207276	0.50597541	0.22060306
0.036	0.041	2.82811928	2.79121197	2.85131929	2.97992849	2.62281989
0	0	0.2341422	0.15177395	0.17325558	0.17566803	0.0398047
0	0	1.0446457	1.02891108	1.16002181	1.15938591	0.68095062
0	0	0.2666093	0.19309747	0.33898417	0.51668636	0.23951849
0	0	1.00E-04	1.00E-04	0.02061012	0.00923602	1.00E-04
0.024	0.029	2.17546076	2.07944467	1.95997073	2.0241401	2.08996154
0	0.004	0.02015016	0.01784898	0.05619019	0.0296279	0.07581056
0.016	0.004	0.97881539	0.96944774	1.18501166	1.26574263	1.16621113
0.131	0.107	3.72552028	3.81048778	3.37625113	3.62356362	4.02599089
0.016	0.025	1.2719468	1.27941783	1.42651549	1.50449374	1.70812106
0.004	0	0.04321466	0.00897916	0.00310588	0.02587244	1.00E-04
0	0	0.26258581	0.29074852	0.30233841	0.38835244	0.38162256
0.167	0.127	3.49436903	3.86520406	4.09325035	4.04117254	3.53700537
0	0.004	1.00E-04	0.00404234	0.02187129	0.00207076	1.00E-04
0.028	0.041	0.64842905	0.78325969	1.3401211	1.20363473	0.98887239
0.004	0.004	0.07276547	0.17309717	0.15313533	0.18400965	1.00E-04
0	0	1.00E-04	0.0268217	0.04706936	0.07071191	0.04564578
0.044	0.033	1.80054465	1.79489492	1.61320947	1.90628011	1.90133171
0.024	0.045	1.73972634	1.70868408	1.68537382	1.78454912	1.98558326
0.127	0.139	2.72215247	2.86629387	3.12763123	3.16402662	2.90597341
0.258	0.201	3.73983764	3.78080075	3.76777983	3.85446421	3.81091809
0.024	0.016	1.25869235	1.38074779	1.41138548	1.52892576	1.17427103
0.004	0	0.23128623	0.25605014	0.38958566	0.281051	0.07581886
0	0	1.00E-04	1.00E-04	1.00E-04	0.00294086	1.00E-04
0.016	0.012	1.00E-04	0.00281303	0.00293506	0.08087494	0.27811879
0.032	0.025	1.51611133	1.26235741	1.38600114	1.74409202	1.29056549
0.028	0.025	0.48114637	0.66560209	0.30087846	0.46968118	0.63440985
0	0	0.02501638	0.02671527	0.00166089	0.00698954	1.00E-04
0	0	0.26252776	0.49881079	0.59728588	0.54837057	0.25192938
0.063	0.086	2.04098987	1.97280363	2.75303726	2.56697493	2.20684201
0.004	0.008	0.2549674	0.3740625	0.16494094	0.27782799	1.00E-04
0.512	0.516	4.16607386	4.31388644	4.25398331	4.71243683	4.32617556
0.032	0.049	2.10171129	2.36147836	2.18340372	2.42652774	2.25104474
0.091	0.053	2.40927716	2.30141429	2.44276855	2.55648704	2.36362505
0.02	0.053	0.43331766	0.55350825	0.47223181	0.59692299	0.35729372
0.008	0.02	0.5921134	0.41182283	0.56244599	0.65100526	0.77065201
0	0	1.00E-04	0.00487416	0.00342727	0.00212004	1.00E-04
0.032	0.025	1.00E-04	0.00516734	0.00997174	0.00336611	0.03409116
0	0	0.00675549	0.06127413	0.06218844	0.04944883	0.05886321
0	0	1.00E-04	1.00E-04	1.00E-04	0.00222756	1.00E-04
0.21	0.279	0.24827957	0.23443633	0.24023741	0.21091938	0.47217177
0	0	1.00E-04	1.00E-04	1.00E-04	0.00201965	1.00E-04

0	0	0.37165664	0.44353148	0.36604782	0.42428055	0.59287237
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04	0.033	0.90463488	0.9868079	0.9382957	1.39883595	1.3263584
0	0.004	1.00E-04	0.02575732	0.01426266	0.02897337	1.00E-04
0.401	0.361	4.42307126	4.50132503	5.33387327	5.23422277	4.63454283
0	0	1.00E-04	1.00E-04	1.00E-04	0.0026471	1.00E-04
0	0	1.00E-04	1.00E-04	0.00337886	0.00664187	1.00E-04
0	0	1.00E-04	1.00E-04	0.00649743	0.00394601	1.00E-04
0.012	0.008	1.60114405	1.35598637	1.46168181	1.6394643	1.69534486
0	0	1.00E-04	0.00657913	0.02143644	0.00255467	1.00E-04
0.056	0.012	0.05616495	0.32243638	1.10792544	0.33678217	0.48564038
0	0	0.20351599	0.11192049	0.11312983	0.1176885	0.22601777
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00519035	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	0.02378319	0.04958034	0.0422604	1.00E-04
0	0	1.00E-04	1.00E-04	0.01500333	0.01651262	1.00E-04
0.016	0.004	0.07943906	0.17411832	0.21664409	0.33248599	0.42421143
0	0	1.00E-04	1.00E-04	0.01801973	1.00E-04	1.00E-04
0.004	0.008	0.73469814	1.32879677	1.30426488	0.86064646	0.3896099
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.1514655	0.18453215	0.18539564	0.19469956	0.22587087
0.004	0	0.49855437	0.33528227	0.51720563	0.4796036	0.75460995
0	0	0.34423844	0.3282634	0.26782608	0.25323183	0.41780844
0	0	0.01989406	0.06473563	0.07832277	0.05699076	1.00E-04
0	0	1.00E-04	0.0437165	0.00942816	0.00836317	1.00E-04
0.024	0.033	1.60184687	1.74180403	1.37072918	1.46991448	1.54753137
0.028	0.033	1.86784547	1.83874335	1.46222929	1.901227	1.59939389
0.004	0.008	0.16662655	0.27778899	0.17813081	0.2040318	0.22107364
0	0	0.1651433	0.24880505	0.20468735	0.06930834	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00141564	1.00E-04
0	0	1.00E-04	0.00779884	1.00E-04	0.00093089	1.00E-04
0.028	0.012	0.1168236	0.13658712	0.19561084	0.15067013	0.50496142
0	0.004	2.54884439	1.95018144	1.70480924	1.83164313	1.12257089
0	0	0.0507358	0.07663493	0.07620619	0.08249624	1.00E-04
0.012	0.016	0.95394314	0.78993539	0.72940323	0.78055608	1.15855963
0	0	1.00E-04	1.00E-04	1.00E-04	0.02653349	1.00E-04
0	0	0.03572882	0.12181271	0.08018331	0.0662933	0.09349823
0	0.004	0.03728823	0.08923653	0.20030954	0.18332891	0.1498354
0	0	0.02483438	0.0296444	0.00592578	0.00364062	1.00E-04
0	0	1.00E-04	1.00E-04	0.02101958	0.03475226	1.00E-04

0	0	0.15342673	0.10768286	0.07404541	0.10552979	0.12818845
0	0.004	0.03312653	0.10946558	0.08955297	0.08307665	0.13119175
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.0030375	1.00E-04
0	0	0.03133172	0.02676183	0.05161113	0.05706529	0.05418941
0	0.025	0.18512206	0.31831022	0.23951812	0.23133221	0.26932065
0.123	0.148	2.74695938	2.81698194	3.26070826	3.25374095	2.96831401
0	0	1.00E-04	1.00E-04	0.0055219	1.00E-04	1.00E-04
0.008	0.02	0.27249976	0.55373866	0.48159666	0.73862096	0.20782637
0	0	0.53104713	1.61592415	0.52062544	0.43296691	1.00E-04
0.004	0	0.05191055	0.21428834	0.09904639	0.09783767	0.12041885
0	0	1.00E-04	0.02706802	0.01023244	0.04188674	1.00E-04
0.016	0.016	2.11765485	2.17404292	2.32187988	2.22669628	2.42965637
0.032	0.016	0.72576025	0.51069409	0.39730861	0.47524631	0.71262239
0.187	0.18	3.35219371	3.36242953	4.07887349	4.01852628	3.56677309
0	0	0.11867581	0.06849715	0.02762598	0.03839967	1.00E-04
0.02	0.025	1.16749166	1.40787244	1.26433756	1.5552938	0.85886815
0	0	0.17414503	0.03008405	0.00673132	0.01094531	1.00E-04
0	0	0.07019453	0.11871745	0.06467343	0.09624467	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.6813663	0.53792003	0.24643778	0.52796131	0.40168793
0	0.012	0.52795823	0.34682976	0.26474025	0.33171903	0.21191666
0.04	0.082	2.60031892	2.63836955	2.14787983	2.64826597	2.60805094
0.004	0	0.06083041	0.05584746	0.06559166	0.08594901	0.26320698
0.004	0	1.00E-04	0.01517779	0.0932702	0.03803471	1.00E-04
0	0	1.00E-04	0.01693297	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00146994	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00595983	0.01299765	0.09221381	1.00E-04
0	0.004	1.00E-04	0.08668188	0.07048505	0.15005002	1.00E-04
0	0	1.00E-04	0.00612648	0.00385756	1.00E-04	1.00E-04
0	0	1.00E-04	0.00332901	0.02057664	0.00915352	1.00E-04
0	0	0.67649893	0.53009752	1.07912044	1.11629785	0.53135414
0	0	0.04690267	0.20788766	0.20218847	0.13542454	1.00E-04
0	0	0.0324041	0.06607831	0.07725102	0.074803	1.00E-04
0	0	1.00E-04	1.00E-04	0.00360709	1.00E-04	1.00E-04
0	0	1.00E-04	0.10825977	0.02559511	0.03032851	1.00E-04
0.079	0.09	2.49024538	2.43873253	2.51075489	2.8293978	2.81692886
0.032	0	1.8462301	1.36629822	1.83653058	1.74716888	1.96323691
0.032	0.037	1.12634276	1.16870904	1.26916717	1.38472178	1.87101446
0.016	0	2.10576859	2.12613853	2.74669571	2.71260983	2.42203189
0.016	0.004	1.83284601	2.25304933	2.28558593	2.36557317	2.28408665
0.075	0.045	2.68614347	2.47769753	2.82634338	2.87678997	2.9539667
0.012	0.008	0.70794092	0.66882277	0.70349367	0.83937691	0.89626212

0	0	1.00E-04	0.0079175	0.0026053	0.01254207	1.00E-04
0.012	0.008	0.47553849	0.39617544	0.33799796	0.40260259	0.41459709
0	0	1.00E-04	0.02499283	0.02181583	0.01428418	1.00E-04
0	0	0.04020934	0.01918242	0.09028197	0.07807264	0.0497916
0.004	0	0.04325565	0.05761993	0.01650876	0.02030412	1.00E-04
0.083	0.066	3.59463692	3.79364252	4.44643415	4.15951123	3.98523377
0.012	0.008	1.02236016	1.22428127	1.87149843	1.56385877	1.42861831
0	0	1.00E-04	1.00E-04	0.00313732	0.0084413	1.00E-04
0	0	0.0272895	0.00306342	0.04513056	0.04413956	1.00E-04
0.012	0.012	0.61509009	0.5000911	0.69330765	0.86326723	0.66616618
0	0	1.24143451	1.24896213	1.34059362	1.25780126	0.24413233
0.004	0.016	0.98194902	1.2485065	1.22052583	1.3159413	1.15216901
0	0.004	1.54985663	1.23367137	0.84556835	0.93404174	1.15886679
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.103	0.115	3.24648426	3.17226563	2.71499928	3.02384817	3.33671952
0	0	0.04324628	0.02251743	0.01422837	0.00614959	1.00E-04
0	0	0.06306234	0.01541828	0.02364033	0.01968521	1.00E-04
0.028	0.004	0.44177911	0.53244077	0.39073774	0.45704589	0.99569764
0	0	1.00E-04	0.0184534	0.03243954	0.03165488	1.00E-04
0	0	1.00E-04	0.0204019	1.00E-04	0.01004326	1.00E-04
0	0	0.00926436	0.02807701	0.03901951	0.04242152	1.00E-04
0	0	0.09116609	0.28916421	0.11987499	0.16537446	1.00E-04
0	0	0.23543748	0.29381062	0.57124713	0.44658458	0.75041066
0.004	0.004	1.54008517	0.91614165	0.68637529	0.68705895	0.98347095
0.044	0.008	2.06869436	1.68968435	2.94169919	3.08866319	3.00442074
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.0737023	0.10386518	0.18043944	0.11624099	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.127	0.102	2.94512288	3.01766731	3.12023473	3.26173764	3.27414032
0.405	0.316	4.58053823	4.7729476	4.27821695	4.42780881	4.57447661
0.056	0.057	3.85519084	3.95538027	3.57199157	3.69042912	3.63802168
0.024	0.008	1.00E-04	0.02204157	0.00534969	0.03633522	0.67648451
0.119	0.131	5.6865191	5.73243276	5.49733764	5.324139	5.61064967
0	0	0.02654192	1.00E-04	0.01618178	0.07256786	1.00E-04
0.004	0.004	2.76781742	2.39272469	2.2168725	2.51357443	2.83858708
0	0.004	0.05946479	0.03461385	0.02213475	0.03480797	0.06890216
0	0	0.2042684	0.45325242	0.27574767	0.23499659	0.78445136
0.008	0.012	1.62535883	1.63490301	1.74703448	1.99658741	1.63551349
0.004	0.012	0.48266813	0.52147098	0.36326988	0.44012538	0.35920955
0	0	0.11809611	0.037924	0.0099773	0.026063	1.00E-04
0.111	0.107	0.56356515	0.70208016	0.5054142	0.51421474	2.40406472
0.063	0.049	1.34281176	1.52646744	1.29674949	1.22233198	1.31267045
0.008	0	0.29257501	0.30491536	0.14587739	0.14622672	1.27379977

0.004	0	0.79744855	0.88412112	0.68178854	0.85752567	2.14843858
0.171	0.217	1.30192505	1.30946989	1.4542147	1.50405425	2.66292986
0.044	0.066	1.78123618	1.78125989	1.3715541	1.53823334	2.50983796
0.02	0.033	3.39698384	2.96320133	3.22385609	3.3177654	3.77237777
0.107	0.119	3.72130248	3.86569327	3.40169978	3.68213766	3.6556217
0.036	0.02	1.48924756	1.48343365	1.67915094	1.71517681	1.81520892
0.238	0.23	3.63990485	3.70155474	3.6987539	3.78143082	4.38033016
0.401	0.357	3.38765804	3.48687589	3.12757233	3.31628706	3.14475398
0.23	0.189	5.10130893	5.38966442	4.9148426	4.89444941	4.97052983
0	0	1.00E-04	0.02148216	0.00960645	0.03840283	1.00E-04
0.04	0.033	4.3603892	3.8545702	4.42240298	4.4481004	3.69013597
0	0	0.26059202	0.20814705	0.84535052	0.56016235	0.28964824
0.671	0.602	6.74561836	6.88324884	6.42455393	6.47200732	6.56825286
0.254	0.258	4.29075546	4.39820792	4.35409297	4.34267402	4.34834025
0	0	1.00E-04	0.00305321	0.00733804	0.00623063	1.00E-04
0.004	0	0.44597822	0.19026785	0.21358641	0.23485014	0.21415469
0.008	0.008	1.02959996	0.95345277	1.19875694	1.03046906	0.89541415
0.794	0.779	5.19716047	5.57146805	4.83568884	5.06178392	5.26284197
0.397	0.369	5.32589218	5.45730912	4.97017216	5.0940821	5.39010127
0.008	0	0.02497208	0.06032972	0.00848156	0.0180081	1.00E-04
0.488	0.418	4.83906858	5.16632205	4.50435387	4.66310602	4.93249048
0.111	0.086	2.47449533	2.55351183	2.70849972	2.67610827	2.96812014
0.008	0.004	0.77276201	0.73786517	1.20723825	1.27590726	0.61819498
0.008	0	0.67318036	0.6572963	0.93114534	0.99733595	0.40040488
0.016	0.016	0.0185342	0.11780364	0.07695497	0.06698385	0.41659961
0.004	0.004	0.61455699	0.86351297	0.70850995	0.70924991	0.23234088
0.004	0.004	1.75652149	1.72270202	2.18327586	2.16654318	1.54498673
0.012	0.016	0.19573072	0.16407846	0.14397129	0.11723003	0.07756917
0.004	0	1.48899127	1.55693451	1.26300462	1.12826473	1.29356199
0	0.008	1.65614362	1.71102729	1.15763044	1.51178276	0.80430186
0.095	0.139	2.48821528	2.47887131	2.75617562	2.63782014	2.92014018
0.202	0.225	1.24210116	1.27078153	0.98790792	1.1416147	0.93061083
0.159	0.107	2.93610197	3.02824137	2.54116624	2.78190601	2.82941626
0.008	0.004	0.07377637	0.34353335	0.16380713	0.1926156	1.00E-04
0	0	0.01846283	0.02302293	0.00729896	0.02159089	1.00E-04
0	0	0.10432977	0.27518871	0.08987208	0.11898167	0.50050867
0.27	0.348	5.92384582	6.0508505	5.4331473	5.68277752	6.0001784
0.262	0.242	2.32190946	2.67890914	2.50383479	2.87034349	3.34360822
0.171	0.098	6.2697339	6.10091268	6.30818185	6.34576232	6.09221321
0.095	0.135	3.26006361	3.24350586	3.8166986	3.71718068	3.20045474
0.127	0.143	3.36982849	3.1860753	3.43040518	3.47372469	3.89781729
0.083	0.078	2.99775727	2.87210417	2.70755017	2.88204505	2.93910738
0.016	0.033	0.90541967	0.791698	0.65129261	0.72753735	0.65181333

0	0	0.08522618	0.07976698	0.05517823	0.11192451	1.00E-04
0.06	0.037	0.83438897	1.25959715	0.82227425	1.03621809	0.87228758
0	0	0.39917687	0.29223574	0.47593294	0.48417163	0.15085537
0	0.004	0.16673143	0.14343794	0.11386613	0.08009125	0.12569847
0.016	0.029	1.66717475	2.19622869	1.6695184	1.52052207	2.43341367
0	0.004	1.91739585	1.85431373	1.6161677	1.86948399	1.32888899
0.024	0.045	1.43446257	1.7207759	1.52246141	1.47370104	1.98183602
0.25	0.209	4.58325121	4.65360718	5.33153639	5.14082209	4.61196373
0.405	0.455	4.80262435	4.75626248	4.58887207	4.61665137	4.85774145
0.036	0.025	1.68464488	1.57684683	2.16871251	2.18015132	1.72929524
0.123	0.107	1.36640953	1.46907014	1.1453489	1.31020516	2.60841336
0	0	1.00E-04	1.00E-04	1.00E-04	0.0152309	1.00E-04
0	0.008	0.16207243	0.37875495	0.33189412	0.30477594	1.38821407
0.016	0.029	1.19025639	1.22458094	1.58398238	1.58727629	1.26574925
0	0	1.00E-04	0.0059609	0.00485468	0.00167646	1.00E-04
0	0.004	0.0771479	0.12614782	0.09246863	0.08651483	0.11659835
0.004	0.008	1.8180955	1.79253688	1.77230928	2.1361571	2.23899639
0.008	0	0.31765465	0.5227799	0.49809293	0.72583554	0.73578642
0	0	0.01875647	0.02517912	0.01016219	0.02944449	1.00E-04
0.016	0.025	1.697764	1.6882205	1.45155781	1.61309452	1.8160459
0.004	0	0.08990417	0.33799569	0.1666579	0.20317475	0.04953157
0	0.008	0.68174383	0.53714395	0.54404366	0.63834448	0.53344319
0.04	0.02	3.09228779	3.07403912	3.89413997	3.756042	3.23208318
0	0	0.03117235	0.05793265	0.13370862	0.16554879	1.00E-04
0.004	0.025	1.75235574	1.80520371	1.66515281	1.82136125	2.14364888
0.107	0.086	3.0151561	3.32092484	2.81731408	3.08466016	2.95990277
0.008	0.02	2.06128064	2.28064653	1.65462397	2.02109439	1.87729598
0	0.004	0.82601618	0.62504904	0.98152342	0.96335343	0.70340282
0	0	1.00E-04	1.00E-04	1.00E-04	0.00301932	1.00E-04
0	0	1.00E-04	0.0240637	0.00592256	0.03280537	1.00E-04
0	0	0.00831713	0.04747207	0.07184588	0.07164271	0.12658642
0.004	0.008	0.4557811	0.62140354	0.51885179	0.68265679	0.48916939
0.012	0.008	0.47892266	0.48330211	0.37225431	0.46673016	0.47839687
0.147	0.156	3.70904192	3.73276021	3.14372387	3.53322077	3.25967067
0	0	1.05111796	1.03804085	1.12531902	1.35051804	0.59979111
0.048	0.025	1.61423207	2.15068383	1.63950002	1.88128975	1.87344271
0	0	0.02416647	0.03060101	0.0097821	0.03625066	0.04839768
0	0	0.03956532	0.14868415	0.0836861	0.12546582	0.1487646
0	0	0.338865	0.17986471	0.49018884	0.55731776	0.56579074
0.131	0.094	3.08775111	3.27420461	2.88966596	3.05322019	3.27909801
0.119	0.119	3.33608108	3.50760075	3.31718343	3.42899461	3.3127215
0.044	0.037	1.98943546	2.21742581	1.98040692	2.03281373	1.8152252
0.028	0.02	0.83532128	1.41242138	0.84551763	0.88032287	1.48670121

0.032	0.041	1.65641333	1.7986039	1.83162586	1.94726128	1.66159518
0.012	0.008	0.10497583	0.34227768	0.459451	0.41236082	1.00E-04
0.083	0.078	2.25395429	2.3434665	2.36949552	2.50623513	2.44708775
0.044	0.016	1.70342976	1.60282751	1.47817843	1.5208931	1.86768785
0.004	0.004	0.31434433	0.36346757	0.25929499	0.36203068	0.29744247
0.004	0.008	2.66556777	2.65605911	1.80180024	1.8017572	1.53621844
0	0	1.00E-04	0.02894506	1.00E-04	0.02391757	1.00E-04
0	0	0.04694593	0.04200501	0.0229762	0.04474863	0.50713839
0.024	0.025	1.08016295	1.03655213	0.85440894	0.99993108	0.96757032
0.032	0.041	2.03121622	2.1711728	2.34437326	2.20361212	2.21428652
0.091	0.152	2.84729174	2.88805966	2.87978916	3.02031587	2.75036629
0.103	0.078	2.95566553	2.86111174	3.21676222	3.1976842	3.1909788
0.016	0.004	2.86381517	2.87593333	2.57972311	2.88814267	2.43589944
0.012	0.012	1.1807904	1.13586653	1.89051073	1.85001162	1.51981124
0.008	0.029	1.88946596	1.74398596	1.71610024	1.9896364	2.19937984
0	0.004	1.3832753	1.33568544	1.08509601	1.08147503	0.18934727
0.008	0.004	1.80808108	1.97553277	1.57764324	1.63943395	2.06178433
0.012	0.012	5.88576104	5.64054859	4.58245199	4.57992047	1.68884132
0.036	0.025	1.42800115	1.44273402	1.39614495	1.40955892	1.10282206
0	0.008	0.1037587	0.53752923	0.30244357	0.38962221	0.54173011
0	0	0.02256477	0.04187631	0.01690718	0.07804503	1.00E-04
0.004	0	0.01523177	0.26779023	0.20516829	0.16180045	1.00E-04
0.004	0	0.06232766	0.20112885	0.16902716	0.32590169	0.14730528
0.004	0	1.00E-04	0.08601404	0.01056133	0.02187921	1.00E-04
0.032	0.012	3.23369351	3.09702522	3.07603258	3.36810255	2.98095792
0.02	0.025	0.02263666	0.22354992	0.20254657	0.24093904	0.07978317
0.06	0.049	1.54076465	1.57901483	1.72543815	1.77657825	1.84993304
0.095	0.041	4.00835425	3.94994653	3.2508441	3.49679251	4.16234098
0.599	0.561	3.38732029	3.63663581	3.13962036	3.23335595	4.35948148
0.286	0.283	4.89731508	4.90716633	4.52171002	4.71426132	4.88360808
0	0	0.04573191	0.04360314	0.07618323	0.05933789	0.34406497
0	0.004	0.72690218	1.32382149	1.31946373	0.72969879	0.67713671
0.012	0.029	1.98152027	1.99455024	1.92474582	2.15148145	2.15145923
0.008	0.008	0.67329103	0.96749616	0.48320015	0.6170366	0.54837389
0.754	0.701	6.52448206	6.53660351	6.32776464	6.31124342	6.59347957
0.381	0.34	6.44836685	6.56230232	5.80456111	5.97076558	5.92121091
0.008	0.029	1.32492335	1.54955982	0.66846403	0.83388023	0.78516965
0.048	0.041	2.06800494	2.13986586	2.04579376	2.36067263	1.71928676
0	0	0.11043857	0.17576848	0.06129454	0.10161944	1.00E-04
0.04	0.033	3.91111251	4.1030894	3.65547987	3.81085527	4.8531047
0.04	0.025	4.39112956	4.43132036	3.82009992	4.08611217	4.96526533
0.004	0	0.02621919	0.08485363	0.04965886	0.07823183	1.00E-04
0.016	0.012	2.82023816	2.71137376	2.7052875	2.74220026	1.60330274

0.04	0.033	1.35986635	1.53360389	1.6264193	1.89977036	1.50808695
0	0	1.00E-04	0.04158274	0.01933672	0.04889	1.00E-04
0	0	0.13046075	0.0463631	0.01863	0.00632286	1.00E-04
0	0	0.43351941	0.49944091	0.31438942	0.35053079	0.61503175
0.012	0	0.99682531	1.07641155	0.73509805	0.93618524	1.22636456
0.008	0.004	1.04351793	0.73306379	0.68577693	0.75467605	1.35043599
0.099	0.098	2.92853643	3.21082242	2.80898309	3.00113523	3.12305192
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00236102	0.02019046	1.00E-04
0.028	0.025	1.04078545	1.06599133	1.16069351	1.51382132	1.18664987
0.052	0.033	1.56517431	1.72258501	2.21321222	2.17527075	1.74787484
0.008	0.004	1.03553967	0.81946145	1.15509854	1.26621636	0.52144866
0.119	0.074	3.36248971	3.21939502	3.07610804	3.2449014	3.395606
0.147	0.148	3.02931373	3.06140906	3.54639326	3.61928703	3.19280346
0.183	0.189	3.69708339	3.77907548	4.5500313	4.45896283	3.72350267
0.02	0.029	1.19885741	1.15595593	1.31684828	1.31153719	1.56906067
0.127	0.16	4.00927592	4.00562706	3.86974255	3.98528745	4.02124696
0.516	0.561	4.42195002	4.45431721	4.34548014	4.48557103	4.51076131
0.036	0.053	2.45444016	2.16683608	2.54226541	2.59900306	2.51296954
0.171	0.197	3.03869918	3.5171898	3.88531548	3.86971835	3.28426695
0.194	0.172	3.22364575	3.43862261	4.14705586	4.11161071	3.54921241
0.329	0.402	3.83738701	3.70970989	4.58424452	4.65383661	3.92614518
0.151	0.123	2.48661943	2.52726895	3.25347846	3.21419316	2.78505533
0.29	0.254	4.22892572	4.14437149	4.83612188	4.89844038	3.79548745
0.258	0.311	3.64667203	3.63769512	4.40796465	4.29165818	3.88369604
0.143	0.135	2.82033034	2.82180243	3.60586225	3.56926157	3.17151539
0.02	0.008	1.74127144	1.91630983	2.11096572	1.50265469	1.47849165
0	0	0.67242333	0.73635584	0.44516723	0.4370848	1.09887978
0.274	0.316	2.71546069	2.36197672	3.49518026	3.26956659	4.31850321
0.067	0.037	0.62052681	0.49971663	0.89000576	1.12135015	1.87528715
0.091	0.07	2.29834942	2.35791771	2.20578778	2.28194869	2.35787647
0.321	0.279	4.96340721	4.82107645	5.80544292	5.77622506	5.50235057
0.024	0.041	0.02236886	0.12123374	0.20998832	0.25815389	1.00E-04
0.298	0.262	6.7742169	6.48491462	6.83624366	6.96283778	6.58515763
0.496	0.631	0.35347357	0.84552617	1.19278881	1.06758055	1.29894672
0.075	0.025	3.82004459	3.1197364	4.5819368	4.4247926	3.82432062
0	0.008	0.1413689	0.09528833	0.16077264	0.17018074	0.16216541
0.067	0.061	0.39895133	0.53132861	0.26414817	0.31300933	1.05040998
0.008	0.008	0.54240532	0.58453597	0.40333901	0.36974985	0.62972308
0.032	0.037	2.58681437	2.63225089	3.07749198	3.14896578	2.21085402
0.052	0.025	2.49156505	2.52690144	2.53244289	2.6912603	2.18301559
0.024	0.012	3.04384339	3.12369442	3.43479947	3.47647829	3.26470398
0.02	0.033	1.0885442	1.06620183	1.15776046	1.35821872	2.16854663

0	0	1.00E-04	0.04137509	0.01492482	0.23991243	0.12067349
0	0.004	0.30779695	0.27582356	0.46130306	0.30219769	0.50153513
0.254	0.217	3.69514331	3.79413539	3.49989728	3.59865631	3.79947679
0.099	0.098	2.05814296	2.13945963	2.00854828	2.44389208	2.42270362
0.183	0.205	3.35766537	3.43254596	3.59545927	3.64284626	3.65180033
0.246	0.205	3.78249789	3.87964032	3.56676124	3.65578859	3.97170927
0.385	0.451	4.2653653	4.23739736	4.21785023	4.31017274	4.33139425
0	0	1.00E-04	1.00E-04	1.00E-04	0.00241161	1.00E-04
0	0	0.4674874	0.31077313	0.28867919	0.33873047	0.12372691
0.012	0.012	3.34177981	3.27184335	3.29871541	3.41957301	2.62342069
0.063	0.061	4.8511981	4.93447006	4.71385614	4.88982854	4.56697037
0.008	0	0.19062438	0.32162674	0.29104464	0.44107028	0.2282789
0	0	0.01859662	1.00E-04	1.00E-04	0.01668741	0.10347266
0	0	0.28226492	0.53845405	0.17649034	0.16798191	0.15338993
0.024	0.029	2.0549658	1.8431634	2.71802077	2.63564206	2.16270694
0	0	0.04361791	0.10012682	0.16101052	0.18323148	0.74426
0.024	0.02	1.34940719	1.86481657	1.81240918	1.60677182	1.47532775
0.417	0.381	3.97800095	5.01854142	4.86563682	4.63637671	4.16220698
0	0	0.50719282	0.50228175	0.39469259	0.65744231	0.76099105
0.004	0	0.24919594	0.40171689	0.20782883	0.29889001	0.1752429
0	0	0.16070202	0.12595767	0.05117584	0.08938684	0.14579847
0	0	0.01276073	0.07093843	0.10318452	0.16106641	1.00E-04
0.115	0.09	5.47078769	5.36228217	5.24098893	5.27699483	5.45081646
0.091	0.037	4.96878743	4.81314374	5.23116228	5.14672457	4.66447994
0.19	0.225	0.00887884	0.20890105	0.23424522	0.22853789	1.10786642
0.06	0.037	3.08410202	3.37245614	3.66377539	3.69689752	3.13703278
0.151	0.143	4.22063037	4.18134706	4.86039594	4.74928989	4.63702559
0	0.004	1.00E-04	1.00E-04	0.00323698	0.01434303	1.00E-04
0	0	1.00E-04	0.0059816	0.01205358	0.0120444	1.00E-04
0.095	0.094	3.04908437	3.06319368	3.77681621	3.7034851	3.31520906
0.405	0.381	6.78513557	7.04673102	6.5539772	6.65870103	6.82014416
0.004	0.008	0.75976214	0.91339981	0.96937632	1.13778318	0.79664548
0	0	1.00E-04	0.00753646	0.00746561	0.0304932	1.00E-04
0	0	1.00E-04	0.05096636	0.01877904	0.06091407	1.00E-04
0.004	0	0.14623409	0.18210161	0.28985332	0.26184691	0.14713785
0	0	0.02934763	1.00E-04	1.00E-04	0.01524896	0.07570277
0	0	0.11863264	0.03358765	0.15656927	0.32409137	0.13618784
0	0	0.05497517	0.10018018	0.05459218	0.06237317	0.14324569
0	0	0.03661228	0.19386337	0.11299629	0.12701593	1.00E-04
0	0	1.00E-04	0.13012817	0.05081247	0.06098278	1.00E-04
0.175	0.201	3.67499413	3.69643008	3.78580719	3.89486838	3.70245471
0.067	0.074	2.45306577	2.6808577	2.95376672	2.94077026	2.77347684
0.167	0.115	4.00307741	4.06693406	3.80267216	4.00047864	3.86247679

0.056	0.09	2.10639482	2.3195711	2.79603841	2.64852986	2.32823284
0.012	0.016	1.58152472	1.34401777	1.77040016	1.73088277	1.75023488
0.115	0.16	3.7770359	3.71469219	3.81667233	3.895891	3.75441375
0.06	0.057	2.61638215	2.5190646	2.57980711	2.6689524	2.86918317
0.028	0.02	1.47112632	1.73288914	1.71301732	1.9200377	1.08712936
0	0.008	0.67361181	0.88603489	0.82775482	0.9141821	0.78158212
0.071	0.057	1.81383475	2.39786806	2.49487868	2.31526876	1.97170238
0.079	0.102	1.80836823	1.79552373	1.9486366	1.89296498	2.36374165
0.008	0.004	0.96703696	0.960678	0.90387215	0.9977335	1.01080486
0.282	0.303	5.81387921	6.05498203	5.60137741	5.73312486	5.90316852
0	0	0.02963022	0.05374161	0.06492105	0.10711628	1.00E-04
0.258	0.148	6.7591191	5.84475624	6.51109484	6.27946379	7.1582517
0	0	1.00E-04	1.00E-04	1.00E-04	0.00276816	1.00E-04
0.02	0.004	1.00E-04	0.02110661	0.02760858	0.02244652	1.00E-04
0.107	0.168	3.43901778	3.25873487	3.88191078	3.86999268	3.6771476
0.024	0.037	0.63817665	0.90687368	0.85820158	1.05231862	0.69289701
0.063	0.053	2.20808544	2.44962917	2.29394543	2.48124999	2.5340042
0	0.008	0.12498637	0.28243924	0.30137837	0.17144154	0.03537833
0.004	0.012	2.0316202	1.4630943	1.42838691	1.70980202	1.8193334
0.008	0.012	1.96847594	1.71683136	1.8587129	2.03280782	1.04488923
0	0.004	0.68456114	0.50149685	0.68382587	0.78047756	0.54765681
0.262	0.283	5.10385229	4.84539076	5.48850081	5.52912058	4.93013841
0	0.016	1.20211518	1.18008583	0.65616382	0.72867363	0.64209712
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03857244	0.02690495	0.02867689	0.04058119	1.00E-04
0	0	2.66174651	2.71756719	2.25890307	2.39094133	2.31897519
0	0.004	1.00E-04	0.16684121	0.10965366	0.07679653	1.00E-04
0.008	0.041	1.11785531	1.29687189	1.1540047	1.18047804	1.07616579
0.702	0.705	5.82143303	5.93240963	5.45386412	5.56381689	5.8299033
0.198	0.283	3.43591416	3.67848891	3.47267094	3.62335119	3.63512193
0.02	0.029	1.26855439	1.34777037	1.44512411	1.3791492	1.78544021
0.032	0.037	2.09102685	2.60296506	1.63021819	2.02349978	1.69063252
0.123	0.16	3.94790237	3.94165588	3.44477174	3.5848705	4.40057368
0.012	0	0.73328688	0.40730609	0.65489806	0.69876924	0.49156345
0.044	0.057	1.35492865	1.7293127	1.92959718	2.02536852	1.50544021
0.063	0.025	1.62605466	1.89703788	2.19329724	2.12872816	1.85656548
0	0	0.11915052	0.11814458	0.18797543	0.25168776	1.00E-04
0.29	0.242	3.20985962	3.36681119	3.04724125	3.15897499	3.39826604
0.119	0.168	3.07497015	2.97540644	2.93583305	2.98722087	3.06408685
0	0	0.03501327	0.02578813	0.05102044	0.04691326	1.00E-04
0.063	0.094	3.13254942	2.84842825	3.43481533	3.51858481	2.7215982
0.202	0.238	3.25032624	3.34022195	4.01840634	3.89155747	3.53496942
0.008	0	0.33003397	0.49573475	0.43541884	0.42993358	0.99243099

0.071	0.037	4.49637616	4.68590961	5.19657606	4.87771467	4.82563724
0.06	0.025	3.2388856	3.19224566	3.43768404	3.41591639	3.94586236
0.131	0.139	3.57872211	3.68460759	4.06509286	4.14344472	3.95116259
0.012	0.016	1.16256684	0.72316054	0.65179652	0.74446414	1.07303927
0.016	0.025	2.75804061	2.98536285	3.29828874	3.28938922	2.89693867
0	0	0.09774797	0.02345811	0.05108206	0.03672058	1.00E-04
0.222	0.225	2.42483092	2.33153301	1.97506274	2.24313066	1.90076979
0.067	0.086	2.35459009	2.32805677	2.99565274	2.86745994	2.29279139
0.004	0.004	0.08277233	0.1345445	0.10992042	0.13294329	1.00E-04
0	0	1.00E-04	0.00232495	0.00381897	0.00785344	1.00E-04
0.044	0.057	0.06758451	0.19820607	0.15122523	0.15795388	0.37059377
0.036	0.053	1.07674566	0.84354574	1.53102103	1.42220944	1.56864314
0.02	0.012	1.01352335	0.99112348	0.66781277	0.84183415	1.32394995
0	0.004	1.15135291	1.00541735	0.75834413	1.12890067	0.97317928
0.111	0.123	3.49372594	3.78258431	2.97448968	3.20675643	4.08146172
0	0	0.73151232	0.85969446	0.90482295	1.04466797	0.57594194
0.222	0.291	3.32350147	3.40973301	3.85939394	3.85422163	3.71942431
0.111	0.098	1.97902343	2.22439862	2.64637883	2.65591884	2.36057338
0.183	0.213	3.63009096	3.77867554	3.81812391	3.85656212	3.84580655
0.036	0.061	2.38494899	2.56530317	2.67883862	2.69400962	2.60344449
0.008	0.008	0.34127339	0.55377723	0.43189209	0.55351422	0.66940168
0.004	0	0.93127624	1.29484959	0.8905856	0.76769412	1.50157798
0.083	0.07	2.11542038	2.14010766	2.43502007	2.44261619	2.25049178
0	0	1.00E-04	1.00E-04	0.00182114	0.00484478	1.00E-04
0.004	0.008	0.04765958	0.31928965	0.1494992	0.30489104	0.41557277
0	0	0.06479206	0.11050656	0.04835922	0.08709787	1.00E-04
0.008	0.016	0.334754	0.37487227	0.354892	0.39342945	0.69986269
0.111	0.127	3.04897467	2.91202931	3.59851937	3.59501174	2.92340529
0.27	0.262	3.72632407	3.63832512	3.2336932	3.43880068	4.14709296
0.036	0.078	1.20983115	1.38261507	1.19650258	1.41566981	2.9713914
0.02	0.004	0.69255922	0.88108038	0.79066583	0.94401812	0.7576344
0.123	0.127	2.97273761	2.96259758	2.60385455	2.99165865	3.06943773
0.71	0.73	5.68348235	6.19282352	5.39022493	5.56146681	5.19466169
0.329	0.418	5.66206703	5.6894087	5.26378672	5.42097093	5.64160181
0.06	0.037	1.71959791	1.6973479	1.32342058	1.61368892	1.05128026
0.004	0	0.03766552	0.04553353	0.03327953	0.050025	0.07941135
0.575	0.68	5.8096883	6.12892822	6.31427908	6.31720893	5.97551652
0.496	0.541	5.15610291	5.25478345	5.67052923	5.56556653	5.25463282
0.583	0.607	5.6875033	6.36184559	6.52255894	6.2375864	5.72616878
0.115	0.082	4.65575161	4.62195894	5.63637248	5.52475759	5.39295861
0.087	0.025	4.15784326	3.94873942	4.79927466	4.90698824	5.26458859
0	0	1.17502467	0.84501477	1.64520412	2.05011048	2.20439463
0.024	0.033	0.15689855	0.29784684	0.31370007	0.3357859	0.69268273

0.107	0.07	4.4138886	3.87986091	5.3220422	5.68129279	5.33248239
0.139	0.078	4.60735249	4.05207033	5.58913483	5.77475895	5.67410209
0.175	0.082	5.20144387	5.12443583	5.97145428	6.00499075	6.06637768
0.187	0.131	5.42778373	5.25127335	6.37342639	6.17588819	6.47697847
0.758	0.553	7.23188035	7.19245545	8.30067196	8.26976109	8.1579601
0.516	0.328	7.01647085	6.80767689	7.75011517	7.61654532	7.85134729
0.222	0.123	5.89749179	5.72454874	6.61597789	6.64835994	6.74108934
0.317	0.254	4.44961858	4.35984402	4.81925976	4.76036405	4.64865364
0.008	0.012	1.67892737	1.75128276	2.10162888	2.05993256	1.74265365
0.714	0.693	5.35268986	5.55487227	5.0782003	5.15852642	5.76635478
0.448	0.369	4.64889509	4.75912084	4.29974337	4.41671428	4.83335842
0.135	0.123	2.94051482	3.12089001	3.18750709	3.27432654	3.01744591
0.123	0.111	5.00352583	4.88146782	4.69545898	4.90993146	5.11657975
0.508	0.467	4.78887584	4.75822127	4.50041628	4.52907971	4.9119403
0.028	0.037	2.05326155	2.16244772	2.17190303	2.28070707	2.33266722
0.163	0.078	4.91992826	4.90500087	5.41514238	5.37420335	5.16062867
0.067	0.074	2.85302634	2.98593925	3.13293793	3.1214011	2.98792725
0.111	0.098	3.08800341	3.23631989	3.16254689	3.35185831	3.25766038
0.147	0.127	5.58144138	5.56814936	5.16000574	5.33729334	5.54235093
0.06	0.037	2.45273725	2.64383296	3.0266632	2.97074142	2.41144311
0.079	0.102	2.72871136	2.64309192	3.17919842	3.20814837	2.79643294
0.016	0.008	0.65630634	0.52545316	0.84081052	0.95108656	0.66020116
0.19	0.209	3.30112225	3.13249907	4.10902984	3.94976869	3.69716201
0	0.008	0.90391796	1.15897827	1.24289761	1.32869359	0.92408775
0	0.008	0.10377074	0.08517024	0.08953947	0.13348369	1.00E-04
0.012	0.012	2.65502215	2.68545431	2.93535023	2.81819052	2.51466625
0	0.008	1.59474704	1.56195267	1.45021359	1.42536625	0.95835933
0.016	0.008	1.01738518	0.84930378	1.11949795	1.18758245	0.88634079
0.02	0.004	1.0273703	1.40788376	1.33126075	1.35876618	1.12662189
0.012	0.004	0.62089182	0.83639071	0.73104904	0.65993827	0.56852475
0.004	0.008	0.24855674	0.21000023	0.26118585	0.26539219	0.21756078
0.032	0.012	1.94774677	2.14676755	2.66174045	2.55674246	1.84953613
0.155	0.152	3.74616783	3.52622651	4.08462546	4.16314197	3.85358453
0	0	1.00E-04	0.02152278	0.05528635	0.0577572	1.00E-04
0.048	0.037	2.4924575	2.55709835	2.84719649	2.84276286	2.83320744
0.032	0.041	3.84999587	3.54653707	3.58668875	3.72731396	3.22101745
0.325	0.266	4.68902959	4.95577365	4.5636435	4.58259786	4.91729713
0.508	0.586	4.21444949	4.2709107	4.89014418	4.82108485	4.46844331
0.075	0.041	3.15624138	3.23732456	2.87757928	2.78322734	3.80647311
0.357	0.406	4.34339369	4.52398259	3.95729808	4.09436082	4.57383211
0.313	0.27	4.97204236	5.23969236	4.64962509	4.81461556	4.91468699
0.341	0.266	1.58667506	1.74831722	1.43155838	1.72553907	3.0919444
0.099	0.061	2.62516567	2.87723134	2.69550325	2.82257731	2.75608921

0.476	0.533	3.93117617	4.036732	3.73082442	3.98957803	4.78152523
0.024	0.033	1.74801655	2.02904079	1.78833199	1.80634388	1.93946668
0.071	0.066	3.10578801	3.22945573	3.41945213	3.49330393	3.46691664
0.036	0.033	0.83418186	0.86303848	0.77207136	0.99980208	1.23626645
0.079	0.061	4.78067298	4.93651869	4.64095062	4.71672892	4.36340666
0.151	0.127	3.14623793	3.21322014	2.73353482	3.14364075	4.16006339
0.008	0.004	0.8239339	0.48532459	0.45351372	0.58579797	0.4047175
0.032	0.037	1.20936096	1.69150181	1.03280577	1.33300275	0.79617726
0.567	0.541	5.29488592	5.44272365	4.98689907	5.04319633	5.43515708
0.052	0.061	4.08615477	4.08433044	3.78850216	3.92000862	4.57807276
0.032	0.033	0.73532992	0.7095212	0.5999028	0.59215618	0.82292859
0.238	0.25	3.69525222	3.72465189	3.51193338	3.78106843	4.02437256
0.313	0.283	4.02065065	4.04805451	3.70790868	3.7302958	3.993482
0.401	0.426	6.02228173	6.24769612	5.58509883	5.66806648	5.88621227
0.024	0.02	0.81656669	0.84221447	0.90447111	0.93901907	1.1399664
0.139	0.143	2.93674611	2.9594862	2.9007806	2.97346273	3.09276285
0	0	0.15656735	0.35631973	0.64993582	0.79350978	0.34284035
0.393	0.361	5.26251095	5.52021339	5.64437321	5.57836607	5.51211935
0.032	0.049	1.90383687	1.97188064	1.59761772	1.76443528	2.25518575
0.52	0.553	5.720977	5.9364311	5.424512	5.51122119	5.64172748
0.123	0.102	3.09674514	2.93544096	3.05541308	3.1563183	3.29835015
0.016	0.016	1.37935093	1.64483446	1.61644325	1.70335994	1.56983556
0.099	0.164	4.27491837	4.34033376	3.82329121	4.03896661	4.2567872
0.607	0.529	3.92971812	4.31064582	4.12914667	3.71370203	5.38182111
0.29	0.234	4.24320725	4.36604244	4.00555673	4.13791171	4.19643356
0.016	0.012	0.22128944	0.15120205	0.11090916	0.16739589	0.11482442
0.012	0	0.57180223	0.66510907	0.37426972	0.35699456	0.75179625
0.02	0.041	1.91835422	1.98931683	1.3750147	1.40358403	1.15065086
0.115	0.119	3.8852332	3.83023072	4.08985357	4.08511762	4.00524046
0.016	0.012	1.70374552	1.63418435	1.30566983	1.33671803	1.95757535
0.103	0.074	3.24993414	3.11530485	3.63894365	3.58955996	3.33009374
0.071	0.09	1.92621306	1.87393346	2.1411916	2.14281219	1.17413326
0.571	0.623	5.2050321	5.43731151	5.01867348	5.11367295	5.17160361
0.004	0	0.45961972	0.69454763	0.47332082	0.56095751	0.70072736
0.008	0.008	0.02196294	0.01152721	0.0240492	0.04782954	0.17934535
0.024	0.012	0.05178413	0.03458098	0.0283729	0.04438551	0.11761613
0.004	0.008	0.64043551	0.98733117	0.55230764	0.61698987	0.97076528
0.361	0.27	4.95818597	5.01886223	4.5319036	4.63462793	4.94433495
0	0	0.04693287	0.27385816	0.15557382	0.20499987	0.08821167
0.194	0.172	3.71135281	3.7878819	3.71536369	3.8777277	3.93233871
0.052	0.053	1.86321951	2.00968699	2.47696176	2.40348177	2.26393916
0	0.004	0.128262	0.16259773	0.12218236	0.08353661	0.03381068
0.167	0.094	3.60235855	3.83276391	3.55504142	3.5190834	3.77645855

0.008	0.004	0.97033926	1.01882326	1.186993	1.23260849	0.89259503
0.333	0.311	4.70000612	4.87069473	4.15573071	4.32748633	4.80777436
0.004	0.012	1.88321757	1.9276036	1.47014308	1.69702608	1.62228505
0	0	0.21383363	0.09027641	0.12908827	0.13042204	1.00E-04
0.234	0.168	3.53469634	3.68370985	3.20966843	3.40838332	3.83938553
0.075	0.164	2.70498962	2.64695547	2.47562086	2.66636077	2.99484835
0.389	0.357	4.98760143	5.24218248	4.65516744	4.75340166	5.06298523
0.286	0.23	5.18635254	5.25175128	5.00100857	4.97586518	5.03749492
0.179	0.197	4.02734671	4.10724658	4.11928845	4.29419983	4.04418185
0.083	0.086	3.00700057	3.07310073	2.82349798	3.12555948	2.95538689
0.163	0.131	3.473559	3.74204815	3.2819759	3.48212972	3.51236962
0.282	0.234	4.20256074	4.19314443	4.33902573	4.33860207	4.4276794
0.48	0.5	4.62148656	4.59271789	4.36178313	4.54195508	4.49918716
0.04	0.033	1.47666495	1.20470991	0.73956895	0.61001073	0.21650906
0.032	0.037	0.65000863	0.87317704	0.7353646	0.76856492	1.39913446
0.004	0.004	1.74013477	1.57245846	1.6091783	1.46403197	2.11162421
0.02	0.016	2.795029	2.29215816	2.39027476	2.50020884	2.14761259
0.063	0.057	5.06483219	5.61290773	4.91042872	5.16091756	5.61952544
0	0.008	0.8078495	0.49150911	0.49235237	0.54294611	0.459927
0	0	1.00E-04	0.03552668	0.00716663	0.01321571	1.00E-04
0.103	0.107	3.12891389	3.15454036	3.82842317	3.78536168	3.21977237
0.119	0.107	3.49536823	3.54032923	3.217396	3.23975506	3.362893
0	0	0.1260357	0.25932525	0.11819388	0.13254648	0.07756391
0.135	0.152	2.96803394	3.08582342	2.91497617	3.09371477	3.22824615
0.567	0.5	4.74416926	5.01138031	4.60162266	4.69964193	4.9506088
0.385	0.393	5.07077647	5.26677039	4.98925766	4.95242425	5.00269446
0.27	0.283	4.00352167	4.15273065	3.78048484	3.95663008	3.97867926
0.032	0.045	0.49887476	0.5004807	0.56028579	0.67144242	0.47668253
0.052	0.041	1.89410353	2.88174922	3.15852505	3.04293757	3.99701782
0.044	0.066	2.19490563	2.35064572	2.63540692	2.47920993	2.34329386
0.218	0.135	6.42423587	6.34372526	6.9119319	6.89842509	5.5519173
0.175	0.156	3.28285575	3.33462162	3.0495385	3.24109592	3.38089355
0	0	0.15859287	0.16837014	0.07295406	0.12898657	1.00E-04
0.377	0.361	4.30611575	4.33558595	4.10344308	4.19656112	4.4069088
0.512	0.463	5.0792442	5.26743121	4.74475399	4.90261487	5.17242372
0.111	0.094	2.66323888	2.69832776	2.43760142	2.57406008	2.79779675
0.194	0.213	3.00229892	3.38826728	3.24648407	3.31756055	3.29422949
0.024	0.029	1.4055292	1.0798215	1.25474878	1.21793847	1.25719892
0.008	0.012	2.6568895	2.74221742	3.0457651	3.10593073	2.63823124
0.004	0	0.46497826	0.39360403	0.24547972	0.31388374	0.32113534
0.008	0.016	0.80965943	0.61701479	0.51752995	0.6075385	0.48399803
0	0	1.00E-04	1.00E-04	0.01561837	1.00E-04	1.00E-04
0	0	0.03345633	0.08537945	0.06533397	0.07830782	1.00E-04

0.016	0.016	0.34410346	0.49123085	0.37409709	0.57030852	0.21676116
0.008	0.004	0.87968306	0.92517241	1.26682037	1.40837422	0.94405543
0.254	0.205	4.54990348	4.74502624	4.10383926	4.03135109	4.66587218
0.087	0.16	3.00496221	2.95745151	2.84761525	2.96679967	3.16491235
0.175	0.148	1.07810583	1.32671942	1.10637351	1.22503568	0.88982497
0.036	0.029	1.62044021	1.72636365	1.58546202	1.77592592	1.38448634
0	0	1.00E-04	0.14258137	0.03510238	0.01896888	1.00E-04
0.135	0.119	4.0404762	4.1274881	4.20120247	4.43229459	4.40122849
0.143	0.135	2.85464259	2.78968558	3.11667074	3.0577323	3.00191345
0.282	0.266	0.56495321	0.39480413	1.02015276	0.87565494	2.23033212
0.004	0	0.40465509	0.37909463	0.26011269	0.23593892	0.56399978
0.044	0.041	4.17677367	3.98872947	3.68779394	3.93521591	3.39936092
0	0	0.12435133	0.1654303	0.03945796	0.07275898	0.12328692
0	0	0.21406118	0.25891689	0.1980948	0.11087222	0.17576267
0.698	0.594	5.12900601	5.19276768	5.04360921	5.11609341	5.19391716
0.135	0.148	2.93698887	3.16705107	2.81174063	3.04108934	3.0934181
0.119	0.152	2.75422595	2.68209512	2.72774536	2.88467433	2.75034757
0.302	0.352	3.57199534	3.69406759	3.83954912	3.84770273	3.82840904
0.202	0.205	2.9713754	3.04139516	3.52470182	3.4963766	3.37462081
0	0.004	0.05368798	0.04411846	0.10148749	0.16224652	0.17410001
0.048	0.025	4.69724451	4.96543141	4.38004125	4.31668116	4.70968547
0.143	0.123	2.77684724	2.85062168	2.92136552	2.8895851	3.0825077
0.337	0.369	5.38256456	5.19598258	5.34912704	5.34770371	5.4134289
0.087	0.029	2.48027766	2.78395871	2.77672527	2.84612689	2.69511441
0	0	0.13142312	0.18366579	0.22797536	0.2658703	0.15508894
0.079	0.082	3.68370261	3.4435218	3.97336717	4.00740321	3.74747621
0.476	0.418	5.3069216	5.56155625	4.86456707	5.07945985	5.26151227
0.075	0.07	2.65765681	2.68494933	3.00262986	2.99199013	2.58386392
0.06	0.049	2.41403772	2.35851939	2.26642405	2.4781013	2.39565363
0.016	0.025	1.35307951	1.357983	1.91587998	1.97338969	1.47971701
0.052	0.057	1.2315752	1.04636175	1.30086602	1.42049352	1.26795934
0.984	0.967	6.70947063	7.17326915	6.47816666	6.60268148	6.88487664
0.226	0.18	4.5257159	4.57860668	4.28966237	4.16194406	4.45297949
0.218	0.197	4.03963897	3.83484445	3.92993037	3.93868072	4.00376437
0.159	0.115	4.49658958	4.86166133	4.26517502	4.41906801	4.3310117
0.012	0.025	0.41244408	0.55224863	0.27349949	0.35389084	0.35539047
0	0	0.04015372	0.08913729	0.15344979	0.1140057	0.04054828
0.06	0.102	2.10342411	2.02109771	2.33982749	2.32067619	2.44175241
0.841	0.848	6.09240728	6.07220598	5.80533499	5.9145949	6.41408832
0	0	1.00E-04	0.00412751	0.08311522	1.00E-04	1.00E-04
0.353	0.373	4.60352719	4.68050306	4.23198273	4.55313922	4.41370951
0.278	0.299	3.79897797	3.73156102	3.66209893	3.80734386	3.93824529
0.052	0.041	2.32921045	2.44208785	2.22395251	2.47773497	2.28506515

0	0	0.80874134	0.58686626	0.94454932	0.78149236	0.13879579
0.008	0.004	0.57402267	0.52554072	0.46459537	0.5541365	0.59424018
0.032	0.02	1.73728347	1.70716711	2.23616974	2.17641815	1.76245049
0.135	0.176	1.72485756	1.95196236	2.03055824	1.85666931	1.67035961
0.131	0.074	4.18442984	4.25939401	3.93286247	4.11885879	3.82274366
0.079	0.045	2.66943283	2.63087452	2.48790007	2.76559976	2.16673034
0.143	0.189	2.85517229	2.95244628	3.32319087	3.29234673	3.10458973
0.282	0.164	6.47233768	6.2625838	6.91194673	6.95897367	6.31882259
0.048	0.016	1.40321959	1.76239011	1.2242215	1.16486423	1.70815697
0.175	0.156	0.61714122	0.76644307	0.46435949	0.38877393	0.24494209
0.04	0.008	5.03397989	5.11385656	4.85780976	4.9152109	3.4941772
0.063	0.061	2.94907594	3.03643695	3.51078188	3.40920507	3.19476962
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01570216	1.00E-04	0.01558006	1.00E-04
0.456	0.34	4.96041513	5.0083392	5.30546077	5.23869186	5.50113281
0.028	0.029	1.15081121	1.23552087	0.85941338	0.94539803	1.26795442
0.012	0.025	0.90766625	1.04758673	1.27235741	1.41159969	1.26466855
0.02	0.033	1.6290067	1.56522866	1.9739706	2.07038454	1.87200509
0.206	0.172	3.57367683	3.7849346	3.48057343	3.65432784	3.60918945
0.02	0.012	1.75255864	1.60278025	1.72931614	1.97014889	2.15169892
0.02	0.025	1.03847174	0.98776705	1.22704338	1.30301505	1.2132588
0.052	0.029	1.86590979	1.84371365	2.10596172	2.25521217	1.86115573
0.135	0.102	4.52837222	4.17853375	5.12796371	5.19731119	2.62318689
0.02	0.033	1.58760502	1.65923452	1.37150297	1.58228157	1.68463448
0.325	0.316	4.20841085	4.40156637	3.81146407	4.04432574	4.22934472
0.151	0.107	3.13758876	3.27940587	3.21639963	3.29548646	3.45414325
0.036	0.029	1.09666366	1.49716258	1.08033116	1.38773127	1.32828752
0.04	0.041	3.13005595	3.29524911	3.65448866	3.61618845	3.06886439
0.131	0.098	1.69770401	1.62719264	1.43399674	1.66698005	2.84552631
0.02	0.008	2.86705166	2.27170897	2.27938167	2.7477619	1.54453602
0.25	0.234	3.78133386	3.88395703	3.46565307	3.61633626	3.83761587
0.155	0.094	2.8386423	2.97536432	3.3613153	3.34845133	2.88130671
0.056	0.016	2.07669301	2.02130302	2.6405411	2.75446949	2.23623064
0.099	0.078	2.36240936	2.44923596	2.94515066	2.79858867	2.65003692
0.103	0.094	7.00887454	6.97822733	6.41928424	6.55979183	6.40982273
0.444	0.434	0.78611027	0.7110374	0.40237556	0.44079241	0.45814512
0.123	0.111	3.03103306	3.16764029	3.81988793	3.7480816	3.25768797
0.306	0.25	4.85885875	5.24322946	4.37862159	4.56267852	5.13022675
0.325	0.279	4.77111835	5.07465513	4.68588728	4.78628706	4.8275564
0.06	0.078	2.39250948	2.46299509	2.80266494	2.84246572	2.55980447
0.044	0.041	2.40383422	2.42094918	2.26594471	2.24920818	2.38091346
0	0	1.00E-04	0.01489174	0.01115951	0.02168037	1.00E-04
0.492	0.484	5.02317858	5.09265452	4.715824	4.84580014	4.70563745

0	0.004	0.01464182	0.13109466	0.0391921	0.04990588	0.16384267
0.008	0	0.91375107	1.23455889	0.65939546	0.97732467	1.01694345
0.274	0.266	4.07281133	4.07060402	4.80527307	4.71376071	4.07341414
0.008	0	0.20148528	0.63115334	0.40303427	0.4796822	0.106228
0.187	0.201	3.85024743	3.83573997	4.5651313	4.43805898	4.05837495
0.016	0.004	0.93828569	2.0325833	1.25472368	1.32411615	0.96134452
0.02	0.045	1.31383181	1.19241978	1.16162994	1.23330461	1.03917269
0.123	0.123	4.76171702	4.86790243	4.44127563	4.5742751	4.72778383
0.337	0.348	3.95368859	4.08799326	3.67053232	3.91869932	4.15806059
0.381	0.336	4.07837671	4.07581198	3.70007017	3.8455124	4.07583577
0	0.004	3.27395995	3.88192748	1.99907397	2.19247406	1.09961543
0.306	0.27	4.45076716	4.56889398	4.23114451	4.3995861	4.64210268
0.028	0.033	0.51652733	0.79252296	0.33084812	0.55987729	0.10935911
0.115	0.119	2.84532998	2.88902038	3.52628821	3.36202373	3.03237015
0.21	0.275	3.325343	3.33837651	3.60574183	3.52228461	3.4677539
0.016	0.041	2.51125498	2.46081676	2.2072036	2.46079126	2.24963727
0.004	0.008	0.80885548	1.06863532	0.41213417	0.64668366	0.69024518
0.361	0.336	4.05684554	4.26423415	3.79488887	3.97804887	4.15116457
0.008	0.012	2.02481405	1.94695342	2.12161679	2.1772865	1.80220456
0.206	0.184	3.19718887	3.32650697	3.32602329	3.42448423	3.27158205
0.127	0.094	2.56974154	2.73846524	3.31379131	3.2861341	2.84757969
0.079	0.041	2.08129741	2.19420997	2.72635648	2.71300789	2.44701999
0.071	0.053	2.76568536	2.85274416	2.79545285	2.89013504	2.91341387
0.119	0.148	1.0756058	1.59563341	1.19363951	1.51706369	2.5640658
0.48	0.447	4.85579812	5.08570912	4.5225579	4.6889568	4.77796683
0.786	0.734	6.20362709	6.71935444	5.84279486	5.99333001	6.27703245
0.159	0.213	3.46277898	3.6471424	3.14802766	3.35934615	3.78470659
0.012	0.004	0.73017682	0.70100669	1.18651795	1.08255143	1.07369197
0.218	0.119	3.93304528	4.13324815	3.65247538	3.89653798	3.99552483
0.056	0.033	2.31899021	2.45018128	2.57534919	2.68970007	2.3434807
0.151	0.086	3.39377657	3.62616933	2.80803938	3.17493959	3.26917651
0.016	0.029	1.39212346	1.25365505	1.5609253	1.64358732	1.45580643
0.123	0.119	2.6528997	2.72766579	3.17693592	3.08343663	2.81244741
0.139	0.102	2.99646209	3.28108168	2.85468652	3.07335929	3.01887137
0.167	0.119	2.42554307	2.45419264	2.64875098	2.6937317	2.61048457
0.012	0.012	0.97826796	1.26739085	1.3497669	1.4806538	0.98989768
0.306	0.221	3.72491322	3.7432243	3.43741517	3.65689389	3.82544823
0.063	0.07	2.50389224	2.70890586	2.37782339	2.58249621	2.49667845
0.139	0.102	3.19499779	3.30221552	3.28942041	3.40635148	3.40558183
0.163	0.139	3.61840372	3.63987563	3.47689255	3.59183869	3.79457672
0.306	0.316	4.32236028	4.52273554	4.01990423	4.14763627	4.31258012
0.048	0.049	2.35424149	2.05901786	2.68790579	2.71884633	2.5977411
0.067	0.061	2.6980204	2.80056684	3.18780858	3.21791769	3.07758368

0.063	0.066	2.57709832	2.49858569	2.67052727	2.86327482	2.66369504
0.127	0.131	2.91904249	2.93547077	3.67182465	3.57505036	3.00404594
0.194	0.193	3.28175615	3.07488088	3.54372761	3.46856045	3.4650085
0.127	0.127	2.64853826	2.7360655	3.06556041	3.02157005	2.8226181
0.063	0.09	2.42736027	2.51055745	3.08769849	3.05801598	2.60056597
0.075	0.107	2.55534306	2.66589823	3.18108871	3.17713863	2.75069544
0.012	0.016	0.96729912	0.90614909	0.79935238	1.08098873	0.94906286
0	0	0.24629059	0.23400763	0.12900137	0.21622729	0.19443346
0.556	0.504	5.94285935	6.30399434	5.65272261	5.82294902	6.42962529
0.036	0.045	1.95941863	1.8925664	1.75392779	1.9463229	2.02709598
0.036	0.049	2.92890306	3.27653116	2.91417983	3.33393335	4.91727393
0.282	0.287	3.48040485	3.57412419	3.15656375	3.43895027	4.3009934
0.008	0.008	2.84248621	2.90492183	2.75030825	2.74248	3.41532998
0.004	0.004	0.51015198	0.38830494	0.18349428	0.25034344	0.85355689
0.028	0.02	1.26292904	1.34591364	1.08446499	1.52840178	1.59225624
0.048	0.025	3.47690538	3.41354344	3.20686541	3.42580299	2.77212907
0.135	0.131	4.65678988	4.49140899	4.21625527	4.23019118	5.07858412
0.024	0.016	0.54273228	0.61879263	0.60693007	0.82861399	0.80474239
0.004	0.004	0.54553018	0.56583476	0.31981529	0.40094017	0.25136217
0.032	0.025	1.45717726	1.53785205	1.85568427	2.04347685	1.4103888
0.004	0	0.56232728	0.83859963	0.62603023	0.87625431	0.44175994
0	0	0.39157943	0.40753911	0.41343023	0.50615811	0.4441287
0.008	0.008	0.10216546	0.22704893	0.21306453	0.24564573	0.281367
0	0.004	0.16893358	0.58815239	0.15339312	0.3013018	0.43004741
0.008	0.012	0.36355779	0.61876646	0.24550116	0.38060124	0.55805907
0	0	0.05815692	0.13552618	0.09311488	0.13406108	0.14333729
0	0.004	0.27961024	0.47266658	0.35631741	0.36462273	0.17741081
0	0.004	0.3673032	0.27377465	0.11776267	0.10938809	0.1683108
0.492	0.447	5.22617815	5.37491468	4.85292223	5.02531409	5.24405988
0.048	0.061	1.97203384	2.07089005	2.17070551	2.22130277	1.7022314
0	0	0.0537089	0.09636979	0.05185647	0.04655978	1.00E-04
0	0	1.00E-04	1.00E-04	0.00347391	0.00938675	1.00E-04
0	0	0.05513888	0.00549624	0.02788694	0.02298738	1.00E-04
0	0	1.00E-04	1.00E-04	0.00153594	0.0015343	1.00E-04
0.111	0.053	2.90988787	2.88211017	3.14463057	3.13438418	3.04670319
0	0	1.00E-04	0.01072304	0.00247126	0.02543789	1.00E-04
0.044	0.029	4.88699436	5.00040974	4.54611976	4.7157577	4.66923147
0.119	0.135	3.50241425	3.48684324	3.85472314	3.76582079	3.70486243
0	0	1.00E-04	0.08630639	0.11177089	0.07808731	1.00E-04
0	0	0.02246963	0.10114352	0.18756699	0.10353018	0.04185466
0.008	0.012	2.58780946	2.38745601	2.49972154	2.65799789	1.06218163
0.008	0	0.5359042	0.61114904	0.2950203	0.36450628	0.22440817
0.107	0.176	3.53287889	3.54654912	3.2209645	3.46564402	3.37177909

0.095	0.111	2.78939975	2.87811223	2.74210302	2.93946106	2.17997536
0.23	0.25	4.01800944	3.93952307	4.19412662	4.19757573	4.15796587
0.02	0.012	0.42103209	0.8018991	0.77605185	0.78380186	0.40827327
0.206	0.135	4.0755024	3.95298229	4.57900121	4.41744361	4.71186093
0.008	0.016	2.47451654	2.40645887	2.89031937	2.97002266	2.56255755
0.056	0.041	2.49001867	2.50728426	2.29738307	2.47911594	2.37182894
0.214	0.213	4.25446789	4.42607123	3.86596826	4.07746212	4.13841135
0.258	0.246	3.57870329	3.74490806	3.28795726	3.5301808	3.69738312
0.032	0.025	1.30056626	1.27663756	1.19170421	1.57165171	1.49343248
0.044	0.049	1.473326	1.60976864	2.25594659	2.1936665	1.86619897
0.127	0.143	3.21474187	3.13236795	3.65725521	3.51785705	3.34142968
0	0	1.00E-04	0.04374648	0.09426024	0.11956801	1.00E-04
0.044	0.033	2.06068579	2.1822941	2.34387302	2.49662304	2.37067755
0.075	0.057	1.62345991	1.76280067	2.34916693	2.28585969	2.00665759
0.032	0.025	0.6982068	1.00497571	0.64970122	0.90184462	0.66139439
0.135	0.119	3.48396501	3.58499686	3.21598587	3.35299895	3.3419297
0.099	0.098	2.50899939	2.60527581	3.2112911	3.0891681	2.74088269
0.004	0	1.00E-04	1.00E-04	0.00641175	0.01085641	1.00E-04
0.099	0.082	2.43782133	2.42347621	2.94025502	2.93536163	2.55059727
0.063	0.086	2.10248515	2.18659096	2.44667234	2.43664122	2.43103648
0.024	0.061	2.48553114	2.68898403	2.33726537	2.63678594	2.23535562
0.044	0.07	1.99691884	2.12790066	2.66571948	2.69890884	2.14532096
0.067	0.07	2.67661574	2.99644881	3.02614237	2.94932551	2.57616688
0.071	0.07	2.45527565	2.21672055	2.62754039	2.57996117	2.41123562
0	0	1.00E-04	0.01038063	0.00394814	1.00E-04	1.00E-04
0.103	0.152	3.41717713	3.60653196	3.04186117	3.24837072	3.03880252
0.274	0.299	3.02928651	3.08376483	3.39128768	3.40454219	3.56296992
0.012	0.004	0.1343578	0.21959295	0.16661104	0.22350101	0.34114824
0	0.02	0.3370808	0.2161084	0.23364994	0.34627422	1.28162471
0.107	0.107	2.39005687	2.19396578	2.20152967	2.30590139	2.51297911
0.02	0.008	1.50508462	1.58741475	1.6779909	1.72617084	1.71135201
0.127	0.143	3.1384602	3.06576349	3.36969018	3.37540517	3.25258246
0	0	0.1121028	0.16263463	0.05377323	0.07411442	1.00E-04
0.071	0.045	2.34922134	2.44087817	2.38434609	2.53498879	2.35617092
0.028	0.02	1.01573651	1.0682951	0.90139521	1.12841308	1.5461547
0	0.004	1.00E-04	1.00E-04	0.00285327	0.0070542	1.00E-04
0	0	1.00E-04	0.02902789	0.00733658	0.00577629	1.00E-04
0.234	0.225	3.98675043	3.93813765	4.27269576	4.39599504	3.95153024
0.202	0.234	0.33907668	0.43404649	0.49011936	0.45906791	0.36156579
0.23	0.201	4.82841929	4.90930023	4.52353438	4.60575289	4.48943018
0.175	0.18	3.86540178	4.13866945	3.74133998	3.94023693	3.82089675
0.071	0.053	3.43812135	3.508654	3.32011752	3.46260605	3.2310439
0.266	0.279	3.24901196	3.17550249	3.82726028	3.81740967	3.42373881

0	0	1.00E-04	0.00763149	0.01127362	0.01247371	1.00E-04
0.063	0.102	3.68389117	3.62780464	3.87587256	3.7971129	4.02522564
0.087	0.082	2.96283394	2.96528215	3.71794705	3.67022025	3.15770998
0.083	0.078	3.06717322	3.25813779	3.11740261	3.31563145	3.05477091
0.06	0.086	3.2875413	3.62896355	3.87109617	3.79305825	3.5851587
0.044	0.07	2.01801103	2.05243485	2.26264772	2.40830813	1.86556292
0.417	0.344	3.97208968	4.32626725	3.89061004	4.14852782	4.07564637
0.242	0.205	4.3116761	4.45646673	4.2496516	4.38407752	4.32616008
0	0	0.15708261	0.15426083	0.11443399	0.0464256	1.6334627
0.004	0.008	0.19469329	0.17137304	0.08484188	0.17501851	1.00E-04
0.04	0.025	2.01573832	2.03316635	2.71938366	2.75342266	2.33001606
0.052	0.053	0.93600108	0.60892645	0.66279645	0.8663548	0.5827964
0.008	0.016	1.72572254	1.59850302	1.52760804	1.57880166	1.55175035
0.028	0.016	1.53997078	1.74891068	2.17349815	2.1147686	1.64800163
0.286	0.242	3.55352954	3.38229092	3.2499541	3.33931447	3.44269767
0	0	0.30880137	0.05921607	0.12361128	0.1575738	0.09276326
0.143	0.139	3.37663058	3.46906837	3.00106323	3.30479826	3.31850217
0.024	0.016	0.8247852	0.76589877	0.85475297	0.98112759	1.0755563
0.425	0.369	4.48341206	4.69639185	4.31999535	4.39465044	4.65958585
0	0	0.56126847	0.7748868	0.34438218	0.46379408	0.27875381
0	0	0.04188354	0.08811007	0.02555738	0.03085652	1.00E-04
0	0.004	0.20989248	0.27961147	0.12959827	0.1542261	0.1562115
0.127	0.156	3.65763145	3.65649173	4.16677479	4.08192962	3.75988145
0.071	0.045	2.3976664	2.38030819	2.81985399	2.83027473	2.73285078
0.032	0.033	3.19791542	3.40379827	3.14468333	3.49079988	2.77827961
0.278	0.262	3.53934145	3.6528248	3.46544973	3.7106009	3.64294255
0.083	0.086	2.0068892	2.32333486	2.60288821	2.68883286	2.33523832
0	0.004	0.26425865	0.19595249	0.13408439	0.18707235	0.1764732
0	0.004	0.08897748	0.25270213	0.09998516	0.14314384	0.14710778
0.806	0.738	6.70529655	6.78055488	6.31084395	6.3290161	6.59673173
0	0	1.00E-04	0.01783525	0.02109818	0.03008705	1.00E-04
0.095	0.168	4.97061532	4.99498235	4.9155825	4.86210224	4.65066678
0.087	0.061	2.38663114	2.48735195	2.50226656	2.63103839	2.67681071
0.246	0.23	4.72260595	4.840368	4.71159102	4.74180754	4.44561199
0.004	0	1.00E-04	1.00E-04	0.0042562	0.01787537	1.00E-04
0.063	0.086	3.3186941	3.17603425	2.64536998	2.95506238	3.30832253
0.008	0.008	3.17074357	2.50580907	3.37319081	3.75362749	1.85323348
0.135	0.127	3.88821426	3.94912323	4.61093058	4.53044021	4.13287645
0.5	0.426	6.30289192	6.20286362	7.02319065	7.02911269	6.21882506
0	0	0.02588397	0.01287469	0.01416439	0.01126241	1.00E-04
0.012	0.012	1.37837744	1.1966949	1.44081556	1.47163837	1.01627858
0.425	0.389	4.68639568	4.8000772	4.45589158	4.57552884	4.40256064
0.214	0.205	3.99835227	3.82890591	3.82496812	3.83864917	4.00125838

0.365	0.316	4.82075334	4.96787811	4.56161778	4.65156093	4.31389203
0.063	0.041	2.03041496	2.11185828	2.228383	2.26736296	2.23995153
0.067	0.057	3.53984571	3.45903451	3.82740979	3.93698698	3.43099965
0.06	0.041	5.80796803	5.71510899	5.32697091	5.44798982	4.95931872
0.052	0.066	2.51358235	2.77807007	2.43126792	2.5952989	2.55491427
0.004	0.004	1.37500653	1.83869476	1.18879118	1.34712549	1.79586476
0	0	0.28920717	0.39308158	0.21142937	0.24281458	0.50980486
0.456	0.381	4.43318177	4.43434069	5.16585273	5.126267	4.69033481
0.282	0.217	4.7909656	5.04453303	4.61081254	4.74006624	5.04895093
0.397	0.434	4.26536692	4.49034778	4.15147479	4.32604479	4.59917128
0.258	0.23	0.57886928	0.9806498	0.63103133	0.95114235	1.87454707
0.008	0.008	3.64827298	3.42000514	2.76020935	2.85901832	1.0155177
0.119	0.107	2.48874814	2.42406472	3.02939094	2.8823815	3.03690128
0.044	0.061	4.10727706	4.05578098	3.77963755	3.68313116	3.95149102
0.131	0.131	3.16770193	3.21217891	3.0507	3.47714804	3.57153704
0.091	0.115	3.28168179	3.31587324	3.21984747	3.54264481	3.15280249
0.016	0.02	0.83031962	0.90300492	1.03141422	1.10607613	1.08908985
0.063	0.107	2.84232411	2.99463913	3.65240974	3.56090385	2.91916893
0.528	0.533	4.97328736	5.19233751	4.8597546	5.00333229	5.01863841
0.052	0.074	2.95930682	3.00506542	2.81173211	3.10229021	3.36889305
0.048	0.041	1.92593686	2.00585419	1.83871596	1.95379509	1.85159911
0.492	0.553	4.45559358	4.27383495	5.27691606	5.09341144	4.75163052
0.099	0.061	1.85106533	2.15926818	2.51132996	2.56832861	2.0648618
0.246	0.209	3.61290275	3.68361692	3.32242594	3.51021539	3.62264801
0.071	0.074	2.52552279	2.67597043	2.51151505	2.71149072	2.09049067
0.06	0.074	2.78610091	3.06883722	2.87534551	2.96165961	2.37026869
0.016	0.008	2.90555516	2.89341536	3.116087	3.24301696	3.37741588
0.032	0.033	1.2099176	1.40980232	1.37820043	1.47387703	1.23005433
0.246	0.295	3.2687151	3.41029466	3.33445153	3.40335916	3.38104715
0.337	0.217	4.51195454	4.48913627	4.07537202	4.16090282	4.07632062
0.004	0.004	1.90341054	1.98648998	1.53359133	1.72133782	1.75258635
0	0	1.00E-04	0.00527594	0.0019333	0.00320812	1.00E-04
0.222	0.189	5.69349811	5.64078059	5.43482599	5.70410279	5.71481862
0.063	0.066	2.79820923	2.70166036	2.63520019	2.69284988	2.7703117
0.06	0.066	2.35614168	2.38080725	2.31124184	2.49407984	2.4683533
0	0	1.00E-04	1.00E-04	0.00239648	1.00E-04	1.00E-04
0.171	0.164	3.76977109	3.89091103	3.54895709	3.67762131	3.73027816
0.016	0.008	2.52223524	2.73758421	1.9775215	2.19810068	1.45354178
0	0	1.00E-04	0.01076244	0.0215806	0.00679904	1.00E-04
0	0	1.00E-04	1.00E-04	0.0214334	0.01537803	1.00E-04
0	0	1.00E-04	0.06576235	0.02738225	0.0213243	1.00E-04
0	0	1.00E-04	1.00E-04	0.00247999	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00578008	1.00E-04

0.016	0.029	0.2903142	0.67435023	0.51557412	0.97831226	0.94047724
0.079	0.057	0.2229968	0.4185328	1.2039647	0.91334505	0.88450602
0.012	0.008	1.41390134	1.9687446	2.31702596	1.4683704	3.24950621
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.02813308	0.00277155	0.00945703	1.00E-04
0	0	1.00E-04	0.02733405	0.04497394	0.03723327	1.36157029
0	0	0.10720775	0.0746424	0.19390433	0.34737397	0.18431858
0	0	0.16019447	0.1407803	0.08059102	0.08380929	0.23310648
0	0	0.01560685	0.08427104	0.06754212	0.05908552	1.00E-04
0	0	0.1155357	0.09822302	0.06627806	0.08624221	1.00E-04
0	0	0.00962985	0.0320074	0.01187695	0.00672786	0.05105838
0	0	1.00E-04	0.01864088	1.00E-04	1.00E-04	0.20069074
0	0	0.02149079	0.01927467	1.00E-04	0.01520522	1.00E-04
0	0	0.09799645	0.05820317	0.10835626	0.18987693	1.00E-04
0	0	0.0155715	1.00E-04	1.00E-04	0.00225793	0.1017831
0	0	0.0440828	0.01569534	1.00E-04	1.00E-04	1.00E-04
0	0	0.01311102	0.01328402	0.06916864	0.04925448	1.00E-04
0	0	1.00E-04	0.00879422	1.00E-04	0.00253539	1.00E-04
0	0.004	1.00E-04	0.0537269	0.07462564	0.0789028	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00591006	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00264633	0.00720762	1.00E-04
0.004	0	1.00E-04	0.01895965	0.0287355	0.02752928	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00305703	1.00E-04
0	0	1.00E-04	0.00368075	0.0139153	0.00611587	1.00E-04
0	0	1.00E-04	0.00479003	0.00141969	1.00E-04	1.00E-04
0	0	1.00E-04	0.01627566	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00337004	1.00E-04
0	0	0.09955364	0.19283169	0.20273955	0.18255686	0.23675126
0	0	0.03751517	0.02204373	0.03472083	0.03333376	0.10739147
0	0	0.0323502	0.07247482	0.03372211	0.02391353	1.00E-04
0	0	1.00E-04	0.00296171	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	0.03312735	0.01591823	0.00524216	1.00E-04
0	0	0.08298823	0.14540992	0.09234865	0.12493081	0.17195381
0	0	1.00E-04	1.00E-04	1.00E-04	0.00136641	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.008	0.79845743	0.6179382	0.13292407	0.14405253	1.38603741
0	0	1.00E-04	1.00E-04	0.00605805	0.01051266	1.00E-04
0	0	1.00E-04	0.08847719	0.00436246	0.0098011	1.00E-04
0	0	0.11149836	0.11704865	0.07243636	0.08239951	1.00E-04
0	0	1.00E-04	0.08534812	0.03775599	0.02287184	1.00E-04

0	0	1.00E-04	1.00E-04	1.00E-04	0.0024465	1.00E-04
0	0	1.00E-04	1.00E-04	0.0017152	0.00777729	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01342069	1.00E-04
0	0	0.04981607	0.11774542	0.11545543	0.23072331	1.00E-04
0	0	1.00E-04	0.00908747	0.02443487	0.0408471	1.00E-04
0	0	0.01906753	0.06788093	0.0272122	0.07132923	0.06962287
0.004	0	0.18154756	0.15826705	0.25362329	0.18892628	0.22926449
0.06	0.066	1.96909106	2.08502841	2.28343167	2.27800024	2.23412337
0.067	0.111	1.7600956	1.88244458	2.29241675	2.27931373	1.91813696
0.234	0.225	4.0022044	3.94469127	3.92535898	4.11382615	3.87103329
0.004	0.004	0.22356797	0.22815287	0.20673211	0.18516373	0.13015368
0.012	0.02	0.53710383	0.72212251	1.07415242	1.20035137	0.46837937
0.198	0.197	3.2098903	3.02582485	3.69867526	3.53928143	3.59353923
0.155	0.201	6.85327075	7.15724886	6.41627065	6.52461942	6.40643534
0	0.008	1.00E-04	0.00342569	0.02235993	0.01422066	1.00E-04
0.067	0.066	0.86682947	0.47764877	0.5049192	0.55038416	0.69032369
0.143	0.131	3.56459321	3.46711167	4.32607542	4.36513827	3.75090641
0.579	0.508	5.13944209	5.34990975	4.72065272	4.92599672	5.19395713
0.103	0.139	4.68474382	5.0654442	4.63957254	4.77770518	4.38458543
0.135	0.098	2.95917848	3.12077333	3.23035199	3.13453482	3.32715876
0.131	0.115	3.2784621	3.33112438	3.48495586	3.50098531	3.29516498
0.083	0.135	2.91515396	2.88264453	2.93310856	3.02796449	3.10637019
0.004	0	0.46315444	0.52273088	0.45286909	0.58021925	0.53183138
0	0	0.25068831	0.18326915	0.23176217	0.30435238	0.32513722
0	0	0.7064471	0.83611686	0.99189635	0.99363275	1.01661916
0	0	0.15570605	0.10787579	0.08370749	0.10067643	0.28536206
0.048	0.041	0.66734543	1.07281613	1.0990647	1.25140427	0.88570977
0	0	0.00880909	0.03743499	0.03050285	0.02283258	1.00E-04
0.183	0.193	4.11206015	3.87295128	4.61779803	4.64292857	4.28529494
0.032	0.008	1.61742744	1.96276785	1.63855054	1.64229704	1.39648412
0.151	0.123	3.44406932	3.53600351	4.07789167	4.02175649	3.47399066
0.067	0.082	2.49092727	3.0447827	2.4816326	2.64650801	2.52328983
0.115	0.102	2.05153665	2.32319934	1.98265893	2.18560371	2.19873354
0.004	0	0.00913295	0.03453861	0.03671149	0.02833386	1.00E-04
0.036	0.012	2.454082	3.03426924	2.43303689	2.44773268	2.49838683
0.024	0.016	1.95792802	1.85517929	1.60505803	1.74283889	1.69405187
0.02	0.012	0.31355347	0.33214103	0.33395131	0.37758462	0.22595525
0.464	0.443	3.89563619	3.78677352	2.89606707	2.92294289	2.08707402
0.25	0.295	3.34436593	3.43164693	3.30189539	3.39123476	3.47985793
0	0	0.05343369	0.06148729	0.03213757	0.04309738	0.10660919
0	0.004	0.17299651	0.17641893	0.08401656	0.1221769	0.35858575
0	0.037	3.25468017	3.30256354	3.504172	3.73671975	1.49798515
0.044	0.041	1.91082663	2.07007106	2.41507311	2.45815674	2.08974276

0.091	0.078	2.97357001	3.02205539	3.63521169	3.57202838	3.19034513
0.329	0.324	4.05791193	4.00123328	3.73664212	3.89865174	4.48405106
0	0	0.40031472	0.34839508	0.30738447	0.38090248	0.44011818
0.052	0.053	2.21122628	2.19545322	2.12954238	2.48622688	2.13001962
0.032	0.049	2.1709563	2.15339938	1.86772533	2.04695293	2.24753342
0.048	0.066	1.86420138	1.73742234	2.08200531	2.16760833	1.8671596
0.004	0.012	1.64232267	1.7322609	1.72490687	2.03106468	1.32882236
0.087	0.082	2.7420622	2.74664948	3.25457634	3.25863951	2.91485798
0.21	0.18	4.4624323	4.33539026	4.67467383	4.57091335	4.02094454
0	0	0.07710173	0.12616165	0.07061788	0.06854829	0.19708539
0.008	0.016	4.26321245	4.24705175	3.67253725	3.78983141	2.13658654
0	0	0.68399735	0.58288514	0.95128141	0.93938947	0.69548339
0.036	0.033	2.52970229	2.32708155	2.60392033	2.59677979	2.44639447
0	0	0.14144056	0.26955435	0.38400834	0.26250214	0.06734045
0.004	0.004	0.52918496	0.66264447	1.18683322	0.92579198	0.37580186
0.008	0	0.08787683	0.26163006	0.1813738	0.1714377	0.28291264
0	0	0.00709521	0.02784592	0.04655403	0.04560893	0.69754423
0	0	1.00E-04	0.01395348	0.00582117	1.00E-04	1.00E-04
0.028	0.012	3.82981711	3.90823057	3.72157836	3.81854638	3.80501943
0	0	0.86507052	1.21023173	0.8183599	0.91379432	0.08315226
0	0	0.11893317	0.23796857	0.09484398	0.13249092	0.13467952
0.008	0.004	1.00E-04	0.05131916	0.02325625	0.03364096	0.43975616
0.04	0.037	4.70626648	5.04115919	4.91720286	4.57450787	4.78429157
0.012	0.008	3.34469851	2.86230314	3.38721472	3.4915634	2.39497934
0.012	0.004	0.22648591	0.48679285	0.17791651	0.37613058	0.15436633
0.004	0.004	0.58157636	0.45886604	0.24592448	0.35126999	0.14438996
0	0.004	1.00E-04	0.02032524	0.01131836	0.01125199	1.00E-04
0.012	0.02	1.04102146	1.12875973	1.08367748	1.44335959	1.55966811
0.036	0.033	1.96680448	2.14913343	2.60366228	2.51996337	2.25917005
0.159	0.131	0.29223825	0.45141872	0.51787116	0.45295506	1.78084257
0	0	1.00E-04	0.00838356	0.0012906	0.007818	1.00E-04
0.004	0	0.33759212	0.22779162	0.1667378	0.17666456	0.19336504
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.10811998	0.04282595	0.1126502	1.00E-04
0.004	0.004	0.24278456	0.29609074	0.55532026	0.73090384	1.19851062
0.02	0.025	1.00E-04	0.0113387	0.02204771	0.03863017	1.00E-04
0	0	0.13098477	0.14712601	0.05909865	0.08789341	1.00E-04
0.167	0.131	2.70109451	2.85641003	2.71780688	2.94339091	2.73028276
0.048	0.025	2.44877637	2.50592588	2.07238889	2.54055335	2.44413467
0.036	0.02	2.26742085	2.03831955	2.34726939	2.45047828	2.16274318
0	0	1.17406418	1.61853777	0.87899465	0.99270861	2.99550944
0.377	0.361	4.46357466	4.79189448	4.18477648	4.4263594	4.41822656
0	0.004	1.23245221	1.91317296	1.41678402	1.20452998	1.69388198

0.103	0.07	5.32378518	5.72104094	5.56558539	5.65911903	6.06651735
0	0	1.00E-04	0.01514758	1.00E-04	0.01077524	1.00E-04
0.024	0.012	1.16292022	1.29803227	1.29540788	1.48409376	0.9810864
0.063	0.09	3.26381209	2.98726656	2.83108735	3.22094315	3.64207931
0.004	0	1.00E-04	0.00548296	0.01658219	0.03115979	1.00E-04
0.044	0.033	1.85249218	1.70636587	2.16435233	2.19812602	1.62917068
0.381	0.357	4.92497455	4.99826936	5.23773456	5.34627551	5.20240799
0.091	0.119	3.45612487	3.65370594	3.17545367	3.35373242	3.9746386
0.417	0.418	3.79162008	3.68137534	3.52997636	3.58826371	4.02311195
0.242	0.254	3.26348445	3.33750152	2.71188468	2.87508377	3.73264967
0.028	0.025	3.61305874	3.38168245	3.2975768	3.61908258	4.81754914
0.024	0.016	2.38534158	2.81414407	2.49581405	2.48807466	2.39299792
0.325	0.295	3.53442463	3.67684334	3.75521133	3.92824489	3.809811
0.004	0	0.00913341	0.02898926	0.02636479	0.02146291	0.03409116
0.063	0.029	3.73827472	3.92565621	4.196684	4.1632987	2.42188385
0	0	0.24022996	0.17605387	0.0961931	0.12732635	1.00E-04
0.095	0.102	2.54529816	2.33347643	2.82663404	2.85000164	2.56849203
0.016	0.016	1.17040622	1.21621764	1.58917727	1.58633035	1.06604829
0	0	1.00E-04	1.00E-04	0.01158213	0.00411033	1.00E-04
0	0	0.94953918	0.69432054	0.86668222	0.95680823	0.23833323
0	0	1.00E-04	1.00E-04	0.00251638	1.00E-04	1.00E-04
0	0	0.0192326	0.04222603	0.0055579	0.00160168	0.10096628
0.143	0.102	2.20184093	2.24591015	2.69262196	2.78235397	2.24049789
0.036	0.053	2.08120646	2.19470605	1.60178812	2.03579515	1.89604353
0.04	0.07	2.80019165	3.20351235	3.14764581	3.28251999	2.53458125
0.087	0.074	2.9789566	2.97975792	3.50235601	3.3771729	3.01441107
0.437	0.344	4.73217696	4.87561881	4.22572389	4.44261193	4.77256793
0	0.004	0.30810848	0.19122474	0.21693174	0.22381377	0.3006824
0.06	0.074	2.06773944	1.99207993	1.78430563	1.94760553	2.49913857
0.337	0.34	4.585792	4.72176591	4.54939284	4.61621344	4.77232048
0.008	0.008	1.65006083	1.41631015	1.51543344	1.60560289	1.71803237
0.607	0.492	4.92671288	4.91096411	5.19583214	5.09774104	5.17277
0.325	0.25	4.07692531	4.0519008	4.23477046	4.19685644	4.28135509
0.016	0.012	1.00542279	1.12389408	0.89798394	1.14680065	1.44720925
0.032	0.025	1.52241304	1.66740709	2.31298216	2.29480325	1.65241645
0.02	0.029	0.41731786	0.65133571	0.59094165	0.59115516	0.77861033
0.008	0.008	1.47108216	1.476275	1.27634219	1.65806329	1.84377865
0.008	0	0.07034115	0.65686224	0.68755885	0.88711477	0.19666137
0.151	0.184	3.40824382	3.56420772	3.51559804	3.53489938	3.64136131
0.056	0.066	3.19510574	3.10575576	3.44747031	3.56064843	2.47158287
0.071	0.07	3.99467122	3.64620482	3.82491256	3.98452451	3.97142719
0.079	0.061	2.46928082	2.52515175	3.17449669	3.1404304	2.52135892
0.099	0.078	2.01974291	2.97711125	1.7269214	2.01019155	2.11598159

0.008	0.008	0.58896953	0.79687028	0.57550569	0.5903561	0.50195383
0	0	1.00E-04	0.01549639	0.00679384	0.01706433	1.00E-04
0.079	0.049	2.12774816	1.96477801	2.17146403	2.2145418	2.56295624
0	0	0.16646113	0.10217727	0.07985065	0.11897581	0.22537004
0.321	0.262	5.42407767	5.19412928	6.14217971	6.30898342	5.03886609
0.115	0.127	3.20553139	3.35893208	3.55884883	3.69410298	3.248957
0	0	0.53440257	0.40385092	0.19386203	0.26612782	1.00E-04
0.115	0.053	4.60027237	4.81275573	5.00091626	5.12001203	4.85281396
0.095	0.115	2.46586564	2.52162993	3.16238714	3.23892282	2.51116043
0.202	0.184	3.10846038	3.31190198	3.47891335	3.52068206	3.38835738
0.135	0.127	3.44189054	3.36274849	3.88558483	3.9427826	3.58293203
0.464	0.508	4.11973402	4.17318244	4.43597983	4.40895225	4.16473396
0.079	0.053	2.62630377	2.82595236	2.54829759	2.69077104	2.61887844
0.02	0.016	1.35541022	1.52034996	1.93916008	1.95040786	1.74827678
0	0	0.01517532	0.04583833	0.02398278	0.06259308	0.23292246
0.091	0.111	2.559112	2.70740478	3.37541753	3.2992627	2.79840632
0.067	0.074	2.38600551	2.3556297	2.83014987	2.82552667	2.63295449
0	0	0.85553654	0.58735248	0.48224551	0.50364425	0.95953454
0.032	0.008	3.92487059	4.32805302	4.08699358	4.09763215	4.08760128
0	0	0.07199391	0.11694544	0.07664964	0.09361376	0.0572144
0	0	0.04343199	0.21649847	0.11356039	0.08148083	0.04472441
0.008	0.004	0.59787338	1.22804605	0.53009581	0.72945904	0.7709528
0.048	0.045	2.99709221	3.26419529	2.73848725	2.98104272	2.82380386
0.044	0.074	0.96903584	0.99502165	0.75478	0.75124257	1.7358322
0.591	0.533	2.41273968	2.42782677	2.28328493	2.41271338	3.14087448
0.087	0.119	2.9894892	2.94200501	2.99391355	3.23061167	3.16294063
0	0	0.02965192	0.09094646	0.0777365	0.08221171	0.08248597
0.036	0.033	0.08535056	0.10659384	0.05752885	0.05903242	0.39669975
0.234	0.156	3.52700363	3.60201682	3.24116273	3.29959359	3.57504835
0.143	0.16	3.04633418	3.14320222	3.86476259	3.76745322	3.31410379
0.063	0.066	3.13979224	3.17082958	3.71073921	3.68609591	3.14399885
0.024	0.029	1.66809506	1.66847132	1.98125584	2.22584695	1.94810921
0.016	0.012	0.29441816	0.36605703	0.43564412	0.56648702	0.52638548
0.464	0.488	4.61049426	5.0669693	4.51867611	4.65966474	4.58761255
0.024	0.029	0.81768299	0.94069846	1.12673553	1.45294619	2.02541705
0.349	0.25	1.376567	1.63544342	1.53830156	1.73811122	1.61200281
0	0	0.22465634	0.2519532	0.25831226	0.26944296	0.29732133
0.024	0.029	3.20009201	3.72527189	3.47910115	3.56690543	3.13962451
0.516	0.393	7.99786067	7.91271818	7.71833625	7.83844645	7.85619134
0.012	0	0.98985418	1.50254879	0.72022801	0.84096609	1.26545113
0.143	0.135	3.22572842	3.22016643	3.09098763	3.32843504	3.2676503
0.004	0	1.33424838	1.38820738	0.9679939	0.91990173	3.47325857
0.27	0.279	3.98573562	3.99230062	4.73892038	4.6930925	4.09443216

0.075	0.078	1.83630396	1.78027946	2.15010038	2.26335872	2.06167787
0.044	0.053	2.04212825	2.00976291	2.31099745	2.31427153	2.23604743
0	0	0.02085853	0.01986286	0.0492329	0.07688668	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00165824	1.00E-04
0	0	1.00E-04	0.00671263	1.00E-04	1.00E-04	1.00E-04
0.02	0.025	1.34329571	1.26061835	1.35697566	1.52751798	0.967957
0	0	0.68905963	0.39873424	0.33653041	0.2632204	0.4466352
0	0.004	0.27411323	0.15817637	0.26624461	0.27653943	0.15840586
0.004	0.016	1.58261675	1.7675407	1.59405899	1.66616033	2.15860438
0.036	0.061	1.70692334	1.72913883	2.21905298	2.25251868	1.80934725
0.02	0.037	2.28302857	2.33373506	2.19427265	2.28799302	2.18407397
0	0.004	0.0195242	0.03116226	0.04028697	0.06660891	0.09673187
0.234	0.213	4.39082683	4.4998996	4.07035083	4.22211252	4.55811041
0	0	1.00E-04	0.00917029	0.02231277	0.05046329	1.00E-04
0	0	0.00853251	0.0375255	0.02081465	0.05411207	1.00E-04
0	0	0.01586217	0.06986566	0.04827593	0.0445753	1.00E-04
0	0.004	0.55405835	0.77193	0.81978173	0.78581553	0.18119498
0.02	0.016	3.97307408	3.58480289	3.46991454	3.61558165	3.423497
0.008	0.008	0.31529099	0.54880696	0.38804517	0.55513921	0.48635734
0	0	0.08886359	0.04624574	0.02669827	0.05283726	0.15296657
0.175	0.115	3.6477309	3.75845647	3.78523425	3.79104315	3.65676882
0.139	0.156	2.33433922	2.46223813	2.93729088	2.84865608	2.17192715
0.183	0.193	3.66414108	3.70000803	4.55984077	4.52927076	3.91735328
0.119	0.135	3.18634922	3.08801597	3.88047517	3.85819372	3.36406236
0.123	0.119	3.07212824	3.08114669	3.82057652	3.8092334	3.34118608
0.187	0.25	3.32792011	3.34960614	4.09966345	3.95086995	3.57169861
0.06	0.086	3.11583042	3.08364881	3.82178045	3.86859514	3.17097225
0.123	0.143	3.06071584	2.88354037	3.57724857	3.60625919	3.25216589
0.131	0.172	3.59669045	3.44120366	4.12562088	4.11073898	3.68241079
0.075	0.07	2.45451709	2.4957341	3.15988858	3.03213576	2.77153209
0.063	0.086	2.53695091	2.72099877	3.0817306	3.04934565	2.69211657
0.079	0.078	2.6623417	2.61266565	3.2744524	3.18994757	2.94210801
0.214	0.225	3.83408569	3.96837459	4.64407837	4.60615693	4.09398034
0.123	0.082	3.00706024	2.89152191	3.69408832	3.65882998	3.4456892
0.159	0.119	3.00924311	3.11809339	3.63339594	3.6321055	3.27552185
0.238	0.254	3.88845905	3.69321404	4.76654559	4.63265953	4.19932233
0.095	0.057	2.68986974	2.63693268	3.35739892	3.2615875	2.84859569
0.004	0	0.378821	0.43236105	0.63041839	0.61866611	0.34193962
0.163	0.201	3.71033301	3.8879693	4.5106293	4.46883838	3.81123894
0.087	0.041	3.00103645	3.01599055	3.69310798	3.56316515	2.87124536
0.159	0.184	3.57107759	3.40547063	3.59827423	3.73211703	3.43388162
0.115	0.135	2.85618244	2.61798792	3.19041381	3.23370379	3.0045072

0.131	0.131	3.03724997	3.07584107	3.74552947	3.69585034	3.18644592
0.163	0.135	3.31750207	3.28500246	4.13955027	4.13342243	3.65603079
0.222	0.217	3.73320931	3.6980834	4.53279733	4.50874524	3.90255205
0.123	0.123	2.89190283	2.87847048	3.62697619	3.51229473	3.04938913
0.091	0.078	2.67536668	2.63337977	3.59374165	3.5718639	3.043483
0.091	0.078	2.75851531	2.72217876	3.33264372	3.30647105	2.76892006
0.119	0.156	2.80640648	3.02744042	3.4704853	3.40849742	3.01635638
0.187	0.172	3.65531983	3.83024511	3.73504594	3.73807622	3.61534336
0.071	0.061	2.4851541	2.67675179	3.01342009	3.04483046	2.66989333
0.119	0.119	2.8931407	2.9969441	3.69325272	3.57056622	3.26138981
0.286	0.32	4.1998579	4.1782973	5.06224182	5.01953004	4.48129639
0.155	0.156	3.22000235	3.30671375	3.7157757	3.68404625	3.24553091
0.127	0.135	3.05624452	3.11490111	3.98901686	3.94138925	3.07070267
0.071	0.094	2.60757221	2.66604578	3.23276137	3.2047173	2.65486409
0.04	0.049	2.5321229	2.60962253	2.74762066	2.8304216	2.63274098
0.099	0.102	2.32653379	2.5215943	3.13764638	3.0227538	2.76441907
0.135	0.127	3.03422046	2.80681548	3.60718172	3.59012683	3.1240643
0.155	0.119	2.80115397	3.01934155	2.82882375	2.9431691	2.76804991
0.04	0.045	1.58002966	1.38775957	1.48670474	1.68866096	1.99398303
0.056	0.074	2.36503823	2.54316817	3.17498533	3.05544051	2.58918131
0.357	0.328	3.74119059	3.81259564	4.60310713	4.55134322	3.98181307
0.107	0.115	2.71774002	2.64364619	3.56022281	3.40620841	3.1850876
0.222	0.238	3.61722008	3.63971039	4.63238811	4.5128108	3.9200822
0.016	0.025	1.25397881	1.18419489	1.13379852	1.13284909	1.5138339
0.095	0.057	2.84308993	2.71912548	3.5445664	3.54483241	3.06960982
0.214	0.217	3.50743773	3.4591716	4.4245922	4.37496481	3.57861323
0.067	0.033	2.3069739	2.0417232	2.54008759	2.70101145	2.57798234
0.095	0.086	2.83200947	2.77415231	3.51038808	3.43990773	2.96087279
0.063	0.061	2.23973807	2.33853906	2.55683702	2.62957347	2.36681793
0.067	0.082	2.59599485	2.68249201	3.29448876	3.26412353	2.82685364
0.206	0.23	3.43893817	3.50426339	4.29463974	4.26140707	3.683733
0.115	0.107	2.99564446	2.961544	3.75764147	3.73910089	3.29252674
0.23	0.213	4.57656435	4.45472693	5.2621398	5.27211659	4.64568978
0.238	0.295	3.64235997	3.62696319	4.34526564	4.32852799	3.92673179
0.063	0.09	2.73220531	2.7219782	3.63565062	3.54914365	3.13474192
0.091	0.152	2.79263814	2.99133012	3.54811748	3.50035921	3.05241896
0.103	0.111	2.85032849	3.24987669	3.55188256	3.52276098	2.88695978
0.127	0.143	2.68949	2.80519591	3.55346477	3.44719154	2.98885938
0.052	0.033	1.81490133	1.93178897	2.38964753	2.32734512	1.58367741
0.143	0.123	3.31718043	3.36778051	4.10526335	3.96772093	3.51174531
0.087	0.066	3.04279038	3.07789613	3.5012337	3.43310837	3.02276604
0.147	0.139	3.63988382	3.56427093	4.50181833	4.58246969	3.60529453
0.143	0.152	3.14486005	3.05787412	3.98757194	3.93676225	3.40849803

0.187	0.148	3.00744416	3.12476433	3.7539014	3.65350569	3.40235686
0.242	0.234	3.53784812	3.55566777	4.34553524	4.37551695	3.74011991
0.202	0.184	3.24740044	3.43673218	3.17888297	3.29261086	3.23820067
0.159	0.16	3.75707104	3.98540846	3.79438138	3.87140755	3.77744441
0.127	0.086	2.45653761	2.47161341	3.04684041	3.01533892	2.71022142
0.242	0.238	3.27734639	3.33479966	3.48800573	3.52512718	3.58136075
0.04	0.02	1.18231411	0.93360948	1.58955389	1.44209042	1.35709923
0.218	0.184	3.59867734	3.26576021	4.34728944	4.31282576	3.81790818
0.179	0.131	3.31739761	3.25646909	3.49919505	3.57978472	3.33370754
0.175	0.152	3.05362214	2.99316461	3.78959989	3.6920482	3.18781139
0.19	0.176	3.39447487	3.35809706	3.66973984	3.67228341	3.54878501
0.321	0.348	3.58699981	3.59163575	4.07554946	3.91003687	3.55347227
0.087	0.07	2.48029792	2.66093767	3.2031896	3.21278897	2.61943972
0.202	0.16	3.13287287	3.17761599	3.38840152	3.44615574	3.30729349
0.06	0.061	3.19770808	3.23272187	3.28625219	3.39993285	3.00870071
0.044	0.066	2.40503135	2.38528167	2.41622955	2.5914627	2.23761797
0.377	0.344	5.25987517	5.59108073	4.90450293	5.03676827	5.38076839
0.175	0.201	4.36733422	4.33025175	3.7737488	3.99475911	3.94563015
0.083	0.119	2.68887597	2.5890886	2.98672768	3.05825714	2.80732921
0	0.012	0.2420323	0.31344797	0.27209765	0.21948288	0.11189784
0.107	0.139	0.08227841	0.27185132	0.17798646	0.17359337	0.05327826
0	0	0.1336166	0.18724256	0.20850281	0.24754045	1.00E-04
0	0	0.07168352	0.06298674	0.06281663	0.07747787	1.00E-04
0.004	0	1.62305728	1.39609793	1.07658005	1.06128585	1.06014163
0	0	1.00E-04	1.00E-04	0.00686248	0.0154466	1.00E-04
0	0	0.07686966	0.09777577	0.03688087	0.06429858	0.28536206
0	0	0.13241331	0.24458887	0.2940141	0.19394246	1.68627435
0.119	0.045	5.2143692	5.25353022	5.91698166	5.76835489	5.19389558
0.004	0	0.35195016	0.6551546	0.46431665	0.39141688	0.16699902
0	0	0.13631675	0.20289642	0.16069375	0.16435326	0.54947833
0.087	0.102	2.77493078	2.66840769	2.3835711	2.51904095	2.8139445
0.004	0.004	0.20333356	0.24185092	0.3363362	0.36830744	0.27532625
0.048	0.061	2.38975987	2.23565581	2.54075352	2.48293441	2.56671311
0	0.004	0.07203669	0.03862419	0.16544468	0.08354181	0.1196196
0	0	1.00E-04	0.02457825	0.01239509	0.01867653	1.00E-04
0.099	0.098	3.34571816	3.19997623	3.04477959	3.26654269	2.75618664
0.246	0.246	4.49970623	4.67420298	4.24648225	4.37479007	4.34547304
0.012	0	0.17735585	0.19873412	0.15438324	0.18057129	0.23674333
0	0.004	0.71696285	0.97683715	0.79778491	0.90105781	0.82133433
0.131	0.107	2.73745132	2.85479966	2.89495502	3.03099577	3.05109641
0	0	0.01889848	0.02608435	0.02798833	0.02547713	1.00E-04
0.619	0.635	4.49415483	4.5683298	4.12369168	4.29845539	4.65477494
0.123	0.119	3.48533332	3.26995595	3.48864723	3.46884886	3.6040557

0.25	0.234	3.95859894	4.2794617	4.15010006	3.84334715	4.10837475
0.075	0.061	3.15969284	2.99491281	3.41590067	3.28484167	3.2406633
0.004	0	0.01442563	0.13019526	0.3451379	0.45049496	1.00E-04
0.016	0	1.00E-04	0.07705802	0.38492326	0.07094293	1.00E-04
0.194	0.184	2.5254938	2.41525357	2.63339645	2.58952811	2.52063402
0	0	1.00E-04	1.00E-04	0.01595875	0.0132994	1.00E-04
0.71	0.701	5.80792312	5.73309453	5.95548103	5.97285087	5.83363127
0.127	0.049	6.01356926	6.42469145	6.10396459	5.95198906	5.57925619
0.421	0.41	4.72752266	5.44682048	4.48682703	4.63849141	4.74790553
0.044	0.033	2.54764	2.89287551	3.25248831	3.22807351	2.90183202
0.012	0.008	2.50742084	2.79898972	3.37320249	3.30025535	2.24033192
0.016	0.016	0.24765583	0.27961168	0.20359113	0.23419951	0.78821266
0.052	0.057	2.30178913	2.81745383	2.42325952	2.49876506	2.34392335
0	0	0.21810589	0.25655518	0.19939552	0.23739435	0.4241017
0.008	0.016	1.30451521	1.64843791	1.35041083	1.49414702	0.9500053
0.004	0	1.00E-04	0.22379472	0.42227944	0.33666025	0.96630169
0.024	0.004	1.78678672	2.62778624	2.56455641	2.3574395	2.04482435
0	0	0.02126879	0.18191629	0.24759994	0.19194559	0.11193291
0	0	0.057904	0.17965941	0.18820649	0.16325516	0.67482684
0.028	0.004	1.26507224	2.2474141	2.33943659	2.14652912	1.80870668
0.016	0	0.53818807	1.71307545	1.63460539	1.5412588	1.73035838
0.099	0.057	3.37310924	4.35545786	4.40747298	4.00980566	3.81652882
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.143	0.152	3.21892695	3.11839446	3.00189773	3.19603517	3.20202004
0.071	0.102	2.46901105	2.37952045	2.52005396	2.56899667	2.70866423
0.111	0.078	3.75759715	3.79838946	3.41698432	3.6194716	3.74036816
0.159	0.16	3.5144225	3.57654911	3.50018193	3.59355628	3.31407342
0.071	0.045	1.52201975	1.92362096	1.34517646	1.57670937	1.63666085
0.147	0.094	3.64936755	3.65106412	3.96777296	3.96015642	3.96090018
0.19	0.156	3.79065636	3.90186574	4.14896784	4.23009123	4.0308771
0.052	0.049	2.38966644	2.74139722	3.09212838	3.08342341	2.54182723
0.119	0.139	1.82666669	1.75230718	1.94056953	2.42596789	1.9933493
0.643	0.594	5.48502422	5.57153806	5.80910942	5.82033423	5.59659938
0.075	0.074	2.62953894	2.71583942	2.71105814	2.91248881	2.2702034
0.06	0.066	2.7095696	2.55755862	2.51257554	2.60045227	2.40325343
0.06	0.041	2.40055219	2.26715613	2.57128344	2.53851433	2.4722776
0.087	0.057	1.89513891	2.19167732	2.28295209	2.41552692	2.46787588
0.087	0.102	3.02212863	3.23332119	2.95578942	3.0156823	2.89616817
0.246	0.242	3.35377773	3.57374824	3.27640773	3.54288973	3.60518358
0.063	0.045	2.05934575	2.01010575	1.93280936	2.29616342	2.02490945
0.111	0.082	2.15514946	2.22374768	2.94693006	2.907978	2.32995212
0.087	0.127	2.55555626	2.83628741	2.48651184	2.60485547	2.67449127
0.044	0.02	2.50190095	2.48292893	2.86046998	2.77138794	2.56413865

0.048	0.02	2.66838052	2.37534738	2.40563089	2.49685073	2.45339306
0.175	0.152	2.90101901	2.97494291	3.41612699	3.44296622	3.01200442
0.179	0.16	2.73920387	2.86562553	2.75587824	2.91455087	2.89272234
0.147	0.197	3.54070042	3.45510475	3.49862397	3.5927633	3.43961183
0.421	0.344	6.01780287	5.99471709	5.54533859	5.85849787	5.74590433
0.183	0.193	3.85379834	4.05989921	4.17143837	4.21511936	4.71541541
0.04	0.057	3.47598228	3.37936336	3.30016968	3.42108997	3.45975439
0.06	0.053	3.13711001	3.32951616	3.02801767	3.34506183	3.4783339
0.171	0.131	4.9248946	4.90109625	5.27852577	5.11850424	4.69875277
0.02	0.053	2.17672759	2.23722325	2.10818874	2.34083187	2.28960829
0.198	0.197	3.71781532	3.76904757	3.91697464	3.92343881	3.72102268
0.127	0.131	2.9251882	2.82606549	3.15855311	3.25391932	2.94958485
0.139	0.074	2.62579585	2.78835544	3.42768218	3.32764926	2.84209734
0.266	0.209	4.12473319	4.28011481	3.74813354	3.97874502	4.00365632
0.19	0.23	4.09821356	4.11710145	3.86215082	4.13449934	3.57498626
0.242	0.221	4.16354458	4.46523305	3.95166833	4.18609885	4.09295423
0	0.004	0.11484236	0.06565791	0.03277677	0.03444567	0.19682195
0.214	0.209	3.25136266	3.27180288	2.99209496	3.21483994	3.66807266
0.143	0.164	3.8607204	4.09039008	3.77667435	3.86910326	4.28601475
0.075	0.127	2.9885396	2.97946207	2.58621912	2.71510033	2.96673175
0.341	0.303	5.53520865	5.72244508	5.21553237	5.30547782	5.46967693
0.06	0.061	3.09363353	2.99198475	3.1226781	3.1800044	2.7077152
0.254	0.205	3.75101107	3.85765795	3.71792545	3.765385	3.93165403
0.02	0.02	1.64352072	1.75663371	1.75927806	1.94880923	1.85939331
0.032	0.041	2.98854787	3.19431963	2.70494895	3.02307499	3.08383233
0.123	0.135	2.93588126	2.99175955	2.66332626	2.88930827	3.03877403
0	0	0.05477941	0.06841183	0.02734401	0.08468693	1.00E-04
0	0	1.00E-04	0.01648999	0.00512728	0.02129518	1.00E-04
0.083	0.086	2.39515935	2.51472151	2.81497845	2.92455853	2.60616139
0.23	0.176	3.66508396	3.82879464	3.39133222	3.53642045	3.75128005
0.115	0.098	2.80313531	2.90233185	2.93411007	3.08267071	2.80891822
0.385	0.377	5.2647907	5.231238	5.61347162	5.48594805	4.93735747
0.226	0.164	4.52777654	4.64170625	4.18455681	4.35705064	4.29847489
0.413	0.418	4.77262898	4.86978628	4.52886773	4.74756041	4.95571935
0.083	0.082	2.64120006	2.79156969	2.75855289	2.98971941	2.75303506
0.111	0.102	2.89280974	2.65259293	3.07065611	3.08674301	2.97010247
0.004	0	0.03259025	0.07166229	0.05739561	0.04401487	0.24521621
0	0	1.00E-04	1.00E-04	0.01499927	0.025823	1.00E-04
0.135	0.139	2.51665808	2.60310456	2.45715219	2.61617274	2.56028081
0.425	0.48	4.36493047	4.44225795	4.45521569	4.56936544	6.61112017
0.004	0	1.94994698	1.98386076	1.76134383	1.63562249	2.14846884
0	0	0.33551756	0.21444367	0.21611554	0.26113762	0.15709825
0.02	0.02	0.72294864	0.7396054	0.7523598	0.71557471	1.67526899

0.008	0.012	1.14758369	1.1211806	0.5043061	0.45124476	0.86381548
0.016	0.012	0.64856491	0.50002219	0.38599015	0.44937844	0.64659297
0.214	0.205	3.80868929	3.88705147	3.84669835	3.89623643	3.52771333
0.004	0.012	0.96814617	0.93846679	0.70466602	0.97515567	1.03169946
0	0	0.0406384	0.42028815	0.17378449	0.43494765	0.07139138
0.012	0.004	0.2738852	0.47504437	0.43832592	0.47381718	0.33861686
0.004	0.004	0.14973408	0.07328712	0.04657615	0.07148309	0.10636856
0.004	0.004	0.2509737	0.4824337	0.27706624	0.24702658	0.338098
0.024	0.025	1.30181788	1.52380785	0.93385189	1.0145751	0.38806106
0.008	0.004	0.15266329	0.10490951	0.12885506	0.12034722	0.1518859
0.004	0	1.00E-04	0.19535933	0.1152467	0.10466897	1.00E-04
0.004	0.004	0.16740969	0.4198646	0.34363455	0.36775361	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.012	1.82234644	1.91048274	1.79429667	1.90515656	2.54046831
0	0	1.00E-04	0.01204313	0.00244851	0.01238698	1.00E-04
0.012	0.008	0.28848724	0.45792072	0.23127902	1.24851505	0.08392219
0.008	0.012	0.74760747	1.27010148	1.20409807	1.14631888	1.36884356
0	0	0.04002902	0.02869862	0.08726003	0.05192496	1.00E-04
0.04	0.037	1.58331424	1.62087859	1.80865293	1.89988391	1.66984256
0.067	0.086	2.26988867	2.31512135	2.57918438	2.61331247	2.23127261
0.004	0.012	0.03250692	0.04910867	0.02518195	0.03500565	0.07191576
0	0	0.16648319	0.27378825	0.1316536	0.1773499	0.23129967
0.036	0.045	1.62810992	1.8032454	1.85620755	1.94852697	1.70262228
0.183	0.18	3.64906285	3.6338076	4.20778842	4.27884639	3.86889868
0.063	0.078	5.15940078	5.50249125	4.73459174	5.02163596	5.04311822
0.135	0.111	2.40779434	2.37059955	2.7842561	2.70080642	2.76588884
0.02	0.016	1.00901778	1.04678666	1.0345739	1.12783644	1.13975883
0.206	0.266	4.44547197	4.80698876	4.66975307	4.77903999	4.42334457
0.091	0.057	5.09991272	6.81846917	5.1288096	5.28486656	5.25953787
0.012	0.025	3.18292811	5.27283818	3.24114581	3.501687	4.12145255
0.056	0.061	2.18662397	2.45300506	3.15552498	2.08935946	2.82679098
0.028	0.004	1.56920797	1.75262386	1.49982487	1.58316892	2.04796424
0.163	0.127	3.09934682	3.11835604	3.63251802	3.58471334	3.23879153
0.139	0.131	2.60042014	2.47314976	2.50608606	2.73512104	2.79602128
0	0	1.00E-04	1.00E-04	1.00E-04	0.01210157	1.00E-04
0.016	0.012	0.62555278	0.60802618	0.4829083	0.55626072	0.41538315
0	0	0.03159248	0.00435624	0.00703193	0.02434262	1.00E-04
0.242	0.213	3.88770881	4.16050813	4.26567688	4.23910475	4.5380003
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.024	0.061	0.13724449	0.52189349	0.19104767	0.2243152	0.60702348
0.071	0.07	2.00914225	1.92545681	2.03666862	2.15578165	2.18404046
0.02	0.016	0.78630273	1.44662581	0.63356231	0.69376444	1.33493812
0	0.004	0.15295898	0.157895	0.24018524	0.20086918	0.12794616

0	0	0.29591284	0.13463094	0.09529212	0.13862238	0.16546837
0	0.012	0.26111256	0.34341506	0.33132937	0.39587496	1.12950003
0	0	1.91552374	2.24621583	1.70264947	1.74125457	2.0900248
0	0	0.20874363	0.06874693	0.14379182	0.10196485	0.10838149
0.004	0.004	1.45129514	1.68453465	0.94545407	0.88475271	1.55992916
0.131	0.119	3.24461177	2.84779117	3.63417867	3.27831357	3.11515107
0.091	0.078	2.53036859	2.2333991	2.97345842	2.90660725	2.65823932
0.821	0.779	6.0894652	6.46825237	5.80346894	5.90006794	6.18112985
0	0.004	0.10264047	0.39097555	0.18613826	0.26543658	1.00E-04
0	0	1.00E-04	0.06309195	0.02941649	0.09226392	0.13955503
0	0	0.17716635	0.06066581	0.06139494	0.09655388	1.00E-04
0	0	1.00E-04	1.00E-04	0.00858278	0.00466041	1.00E-04
0.008	0.016	1.59202226	1.25521046	1.29990593	1.24375277	2.04466963
0.329	0.295	4.83986479	4.70407591	5.53344092	5.54904851	4.81210372
0.012	0.025	0.1608876	0.12508485	0.08303409	0.09033883	0.67739072
0	0	1.00E-04	0.00439669	1.00E-04	0.0058493	1.00E-04
0.004	0	0.01128939	0.01366477	0.02840684	0.01913499	1.00E-04
0	0	1.00E-04	0.00870615	1.00E-04	0.00134397	1.00E-04
0.04	0.025	1.38458157	1.90525334	1.7671134	2.03096715	2.20218239
0.04	0.033	1.30122555	1.38400923	1.24510785	1.40420602	1.60883146
0.004	0	0.11649323	0.18269418	0.09549353	0.108087	1.00E-04
0.016	0.016	3.44658613	3.70528452	3.28899445	3.46003355	2.57352961
0	0	1.75978138	1.70476595	1.83067696	1.85588022	0.68865606
0	0	1.00E-04	1.00E-04	0.01831134	0.01003724	1.00E-04
0	0	0.08696252	0.19158934	0.08913336	0.1220532	0.07583547
0	0	1.00E-04	1.00E-04	0.0033709	0.00366357	1.00E-04
0.016	0.008	0.72600911	1.25894181	0.69465689	0.81462783	0.80841562
0.663	0.668	5.46505319	5.14958058	5.20595283	5.32879067	5.73404081
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.579	0.602	4.9718338	5.0000759	5.73621228	5.65551746	5.06846394
0.595	0.615	5.15252278	5.24074624	5.8318708	5.78635903	5.33172292
0	0	1.00E-04	1.00E-04	1.00E-04	0.00491648	1.00E-04
0	0	0.20269706	0.29801433	0.28825683	0.37122256	0.15641295
0	0	0.22876647	0.26823372	0.37906634	0.49006006	0.52672257
0.599	0.648	5.39931229	5.3084419	6.30879696	6.14855894	5.63664473
0.028	0.029	1.53572173	1.58694713	1.78327049	1.93532379	1.54449732
0.016	0	1.20615761	0.37424272	1.14084556	1.14817585	0.77301423
0.103	0.098	3.76937748	3.83289463	3.84587924	3.8302725	4.09033063
0.004	0.004	0.08027552	0.32515959	0.14052065	0.16655797	0.11655586
0	0	1.00E-04	1.00E-04	0.00161829	0.00191346	0.27647468
0.008	0.008	0.57189098	0.83905548	0.5123603	0.64216578	0.9423194
0.02	0.004	0.50725261	0.46247066	0.37954283	0.69144342	1.11735821
0.008	0.008	0.31093246	0.23052833	0.68839359	0.59699257	0.59138811

0	0	1.00E-04	1.00E-04	1.00E-04	0.00333578	1.00E-04
0	0	0.2710031	0.2502478	0.44122972	0.36652514	0.26452941
0.159	0.127	2.37381225	2.49386595	2.67181057	2.78085464	2.64580826
0.008	0.004	1.42049655	2.05745369	1.30330279	1.44813737	2.75151214
0	0	0.18825377	0.22301749	0.16345162	0.25454663	0.47582365
0.036	0.049	3.22979315	3.31289914	3.00377377	3.34532315	3.30060847
0.044	0.057	0.65267086	0.61799321	0.44870848	0.48792833	1.3654075
0.075	0.127	2.92352207	2.98462834	2.41929414	2.63908861	3.43229424
0	0.004	2.23823564	2.3313662	1.83250813	1.93545908	1.90014721
0.087	0.119	3.18256067	3.19592655	2.90996251	3.07748292	3.31037046
0	0.004	1.01100709	0.88020653	1.06645761	1.15859428	1.35822191
0.008	0.004	0.3961037	0.49618902	0.30943824	0.2860752	0.36873943
0.028	0.033	3.22944557	3.01937064	2.77064991	2.88723946	3.35993228
0.444	0.447	3.27868855	3.33710055	3.23917802	3.05570855	3.55160334
0.361	0.262	4.72951851	5.13671127	4.53089533	4.6323557	5.88322156
0.528	0.561	4.62019689	4.49355105	4.57441957	4.7843921	5.21490368
0.31	0.295	4.27748613	4.62848137	4.48506525	4.56841861	4.26248748
0.036	0.02	2.18089844	2.2107593	1.9973265	2.40402028	2.25723979
0	0	3.02583646	2.99382666	2.23908972	2.38695664	0.38265763
0	0.016	0.52816495	0.55612204	0.40465026	0.54880227	0.20554689
0.5	0.467	5.83408889	5.94143449	5.55502018	5.57484718	5.74012941
0.02	0.012	0.65070428	0.56375622	0.24517378	0.33495563	1.00E-04
0.008	0.012	1.38690718	1.76669644	1.03958344	1.03525257	1.55793284
0.214	0.205	4.93528459	5.108461	4.40309994	4.50212492	2.96195531
0	0	0.20422666	0.14328056	0.22095711	0.26417538	0.15656553
0	0	0.15041837	0.13946266	0.10861555	0.13670612	1.89180173
0.377	0.43	4.92538268	5.07546376	4.51832633	4.62528948	4.98901019
0.361	0.238	4.88136646	4.91836789	4.48844384	4.6629507	4.85385301
0	0	0.02308878	0.06133577	0.01051793	0.03442217	0.03531608
0	0	0.32687394	0.2235082	0.22218672	0.11993269	0.40354433
0.052	0.037	5.0951087	5.54417304	4.87496504	5.02499899	5.11666884
0	0	0.01761257	0.04339612	0.07115584	0.09488671	1.00E-04
0.056	0.012	3.01687113	3.22590706	2.69668135	2.97929368	2.77361103
0	0	0.19047878	0.16976767	0.23765079	0.27702694	0.49825188
0	0.008	0.16001322	0.15290907	0.09493984	0.09757314	0.6976195
0.004	0	0.19131865	0.19607266	0.13823463	0.18556572	0.35716828
0.012	0	0.14524868	0.30674423	0.21432414	0.23539376	1.00E-04
0	0.004	0.17080847	0.04142021	0.25218789	0.35716805	0.08306508
0	0	0.05626315	0.0111976	0.01219402	0.02203681	1.00E-04
0.004	0.008	0.24151547	0.31066697	0.18859497	0.24628838	0.29468711
0.004	0.004	0.30829629	0.34811451	0.28108438	0.29741375	0.54415112
0.02	0.02	1.13190788	1.22102275	1.2553678	1.36782426	0.9453753
0.008	0.012	0.20896712	0.33700966	0.2189463	0.23046161	0.35373879

0	0	0.1353081	0.16260429	0.25435291	0.26180111	0.26375969
0	0.012	2.07755526	1.95021862	2.26191481	2.14550201	2.22254465
0.206	0.18	3.36928085	3.49068894	3.04625063	3.28329839	3.60536345
0	0	0.25932668	0.23313323	0.18001638	0.18370897	0.35234315
0	0.004	0.10166118	0.15619104	0.15017944	0.10381325	0.1407374
0.012	0.012	0.32588432	0.79006739	0.49998165	0.66785309	0.23020868
0.008	0.004	0.07108648	0.17002792	0.13225647	0.03388643	0.09275774
0.016	0.008	1.28184401	1.51198159	1.39321801	1.66092855	1.50580971
0.091	0.066	2.91636164	2.85586396	3.44012005	3.37384653	2.91432775
0.302	0.283	3.2739562	3.38858488	4.08609743	3.98079842	3.59650831
0.349	0.344	4.34976703	4.72373372	4.23713576	4.31229494	4.48930722
0.167	0.172	4.15339546	4.13731408	3.89556036	3.95691049	4.22593217
0.183	0.184	2.774512	2.71375881	2.63938967	2.9019515	3.17435426
0.54	0.561	4.53948549	4.73137048	4.4410062	4.62370602	4.67870993
0.004	0.008	0.11914739	0.22473977	0.1429643	0.11797376	0.40288195
0.056	0.037	1.66334436	1.60890808	1.86636095	1.87372055	1.79539356
0.183	0.197	3.36914522	3.39460169	3.86252105	3.84724146	3.60377814
0.258	0.291	4.14988378	4.37276364	3.93716235	4.0871507	4.29049854
0.194	0.172	3.10783953	3.13313655	2.94369509	3.01607053	3.05104817
0.206	0.238	3.86363794	3.79000818	4.6136098	4.6297382	4.17738013
0.214	0.201	3.79684977	4.08210642	3.44649316	3.65528469	4.02813337
0.095	0.057	2.17919588	2.14924785	1.97209304	2.18630188	2.31286245
0.345	0.287	4.15128742	4.25844626	3.77594574	4.00871059	4.15692206
0.119	0.123	3.20973376	3.05301991	4.09842688	3.92139065	3.55782197
0.028	0.025	0.94303056	1.07931178	0.93499804	1.04476428	0.95747649
0.389	0.328	4.92280282	4.91649987	4.85867774	4.92350959	4.89102936
0.083	0.131	2.74114125	2.80902987	2.65799805	2.86323897	2.96318665
0.008	0.029	0.84785648	1.08492435	1.37014893	1.42749665	1.04327748
0.151	0.164	4.78282333	4.64686643	5.05219694	5.01276817	5.13930136
0.083	0.074	1.57199847	1.77267712	1.9257309	1.96331354	1.99948068
0.012	0.012	1.37356999	1.46410012	1.64218925	1.85012321	1.22794576
0.02	0.025	2.046895	1.60864322	1.00486207	1.39830271	1.69391354
0.147	0.135	3.01055094	3.05023305	2.85847554	3.04839401	3.33691132
0.083	0.037	1.84193136	1.78933489	2.16355009	2.35607598	2.04872271
0.127	0.119	2.4749903	2.39341132	3.01820664	2.87472228	3.84805174
0.052	0.057	1.64049175	1.816175	2.11964563	2.19407863	1.87357271
0.774	0.807	6.26805844	6.00572512	7.23068933	7.07801944	6.57503074
0	0	0.10737176	0.083147	0.26575027	0.2420967	0.26188919
0	0	0.22115749	0.2359266	0.3203873	0.17612254	0.4377289
0.06	0.066	3.20674748	3.37093321	3.26047318	3.4057809	3.1282387
0.079	0.045	4.51851304	4.54353266	4.44253462	4.60816123	4.31655523
0.131	0.115	3.93000167	4.3281538	3.8693523	4.07584851	4.20943212
0.071	0.066	2.39248508	2.53076905	2.41454259	2.48026827	2.49287166

0.119	0.127	2.49493568	2.39723265	2.73658222	2.8751415	2.60966961
0.135	0.09	2.98026693	2.90360036	3.12957954	3.28079427	2.92701282
0.071	0.086	3.14168555	3.11137725	2.88622193	2.96945863	3.47961313
0.024	0.008	2.15801347	2.06126564	2.5943634	2.55026331	3.17411996
0.135	0.135	4.07165629	4.49022077	4.58886051	4.565024	4.15718896
0.024	0.016	3.17961316	3.36208588	3.57655772	3.66280327	3.15996326
0.036	0.045	2.38408599	2.56147515	2.81222501	2.80601223	2.70202195
0.004	0	0.01183763	0.0124068	0.02127117	0.08858511	1.00E-04
0.008	0.02	1.00773602	1.27639757	1.45633154	1.53045378	1.26654672
0.016	0.025	0.90481908	1.45482934	0.90980679	1.30356296	2.74865422
0	0	0.38852354	0.29296161	0.18058043	0.25486773	0.24235741
0.194	0.197	3.76504803	4.10964862	3.60458449	3.78840421	4.6698209
0	0	0.04029481	0.06358967	0.05107507	0.07223615	1.00E-04
0	0	0.17354884	0.18610938	0.22553781	0.18916518	0.46485431
0	0	1.00E-04	1.00E-04	0.00669554	0.00368412	1.00E-04
0	0	0.05690755	0.2609399	0.11642659	0.0508809	0.20790912
0.044	0.016	1.73884456	1.75727846	1.92679856	1.81174301	1.89665853
0.187	0.16	3.64511978	3.61209632	4.42198392	4.24759637	3.90594624
0.448	0.48	4.12645457	4.01870505	4.58932086	4.48345133	4.47555981
0.008	0.004	0.18330853	0.02884954	0.00899582	0.0431318	1.00E-04
0	0	0.08223493	0.0354536	0.04691836	0.03690054	0.19351848
0.647	0.648	4.91304444	4.94149343	4.97983419	5.11722422	5.17387094
0.008	0.012	0.50147982	0.4830127	0.36519639	0.3961599	0.56572601
0.131	0.172	3.27925857	3.86978698	3.54132459	3.62544779	3.61070022
0.04	0.037	2.34475498	2.46985259	2.03613286	2.28886664	2.29919557
0.032	0.07	1.3171583	1.45891142	1.31701765	1.69056621	1.52149018
0.198	0.168	3.95196385	3.78989252	4.07573544	4.16463373	3.63960666
0.024	0.012	3.13575759	3.06093274	3.82318424	3.72566093	3.01941578
0.087	0.086	2.07287699	2.20839674	2.23431384	2.27885537	2.51977285
0.341	0.332	3.93140757	3.92200542	4.17932191	4.23674927	3.99451812
0.187	0.139	3.92687634	4.04937587	3.64853137	3.75929253	3.86781174
0.381	0.275	3.78436133	3.86060229	4.137046	4.07504501	4.37948498
0.032	0.037	1.43045394	1.30023132	1.79549734	1.88337756	1.70511094
0.143	0.078	3.21560662	3.33927606	2.95277858	3.13618681	3.15469342
0	0	0.086712	0.17399613	0.10341351	0.11541024	1.00E-04
0	0	0.01083911	0.02800985	0.05000543	0.03387636	0.09131952
0	0	0.02348529	0.01349314	0.16365836	0.19154165	1.00E-04
0	0	1.00E-04	0.03776512	0.04264857	0.09038409	1.00E-04
0.056	0.057	2.49131259	2.62842049	2.74007967	2.94718064	2.58067816
0.032	0.037	1.14899605	1.45497191	1.57953956	1.71761911	1.744435
0.036	0.02	4.30168787	4.09774522	4.07685211	4.2356728	5.31109471
0.008	0.008	0.86264257	1.04686414	0.96371869	1.00336107	1.15823917
0.004	0.004	1.07877449	0.67663754	0.68045459	0.97857146	2.68137005

0.044	0.086	2.64002542	2.73238847	2.77581734	2.77629463	2.75307194
0.095	0.143	2.74181394	2.81183671	3.58217262	3.44054395	2.88784633
0.286	0.279	4.14915637	4.4048807	3.75095571	3.89988139	4.17486748
0.246	0.258	4.60529842	4.61932626	4.95765067	4.97334818	4.60613493
0.226	0.225	2.08498393	2.45101783	1.23308914	1.60450602	1.66354688
0.254	0.258	4.3361889	4.44882977	4.05692925	4.24989051	4.42177314
0.155	0.168	1.38345256	1.50963157	1.41622585	1.55457448	2.13076028
0.187	0.139	3.85233493	4.20869718	4.20152252	3.92920383	4.10135106
0.012	0.016	1.73677407	1.56930408	1.23653217	1.50374646	1.58685167
0	0	0.96184512	0.80372063	0.82431054	0.99774316	0.57475528
0	0	0.07231274	0.08263236	0.05939488	0.05316185	0.2197723
0.008	0	0.25452719	0.48895164	0.10160765	0.20539688	0.35414183
0	0	1.00E-04	0.00529187	0.05271004	0.06430006	1.00E-04
0.266	0.238	3.78471706	3.818511	3.81487263	3.95296786	3.86512921
0.698	0.68	2.42396452	1.77378561	2.26790018	2.38894292	3.3194834
0.552	0.496	3.92247542	4.12151457	3.92934596	4.03516378	5.35261638
0	0.012	1.3523101	1.35544286	1.08735663	1.18948175	1.16216267
0	0	0.12658673	0.08737411	0.0570801	0.07062684	0.13967204
0.02	0.012	1.53863274	1.61292595	1.45115428	1.62308463	1.55251363
0.143	0.111	3.06040743	3.16953341	2.81772972	3.05533936	3.41952709
0.032	0.012	0.90787119	1.01039181	1.1305008	1.15357332	1.09543873
0.036	0.029	2.19623938	2.01821496	1.9184523	2.02619661	2.20831296
0.02	0.02	0.45896963	0.47694747	0.39951373	0.48528915	1.54177838
0.056	0.049	2.15106484	2.5635035	2.28498167	2.43130207	2.19378517
0.187	0.135	3.2010387	3.14579857	2.92328215	3.19049298	3.36006182
0.345	0.275	4.30417693	4.43011587	5.05117454	5.0538445	4.38000973
0.103	0.094	2.68065785	2.77456226	3.3453755	3.39266953	2.94447368
0	0	0.00833235	0.03279382	0.04379804	0.02258804	1.00E-04
0.147	0.135	2.6583014	2.4855681	2.47643415	2.52770421	2.71112185
0.008	0.02	0.23970753	0.90643816	0.74958435	0.71665016	0.49325336
0.087	0.061	4.96660082	5.16445587	4.73726402	4.9454059	4.31007355
0.06	0.041	5.00261689	5.14332067	5.13844048	5.39669003	5.04565508
0.135	0.102	5.49863352	5.37846716	5.75841497	5.88175199	5.4538631
0.119	0.094	4.06500837	4.03223479	4.66678944	4.56999716	4.51384049
0.437	0.348	4.87971178	4.90164039	4.79151119	4.85152018	4.8571224
0.361	0.361	4.42612954	4.50304665	4.07020882	4.10988335	4.5113395
0.012	0.008	0.48740877	0.48456547	0.12121645	0.25632778	1.00E-04
0.278	0.275	4.72602268	4.78849283	4.80993218	4.9386016	4.96399775
0	0.004	1.10452766	1.03336549	0.40382131	0.5391149	4.4015141
0.06	0.057	3.40865794	3.46177262	3.29478738	3.68060899	3.7006768
0.016	0.016	2.20344837	2.13388262	2.45123825	2.46041372	1.94441636
0.571	0.652	5.51657861	5.26295396	5.52258406	5.57167113	5.6614825
0.036	0.074	2.81746042	3.10363032	3.09233215	3.1860202	2.9152292

0	0	0.06768247	0.19886149	0.0779762	0.08634673	0.14095584
0.313	0.287	4.37713906	4.57447775	4.06651538	4.18616413	4.21526576
0.659	0.656	5.13161735	5.65688614	4.69037786	4.93811904	5.31625258
0.813	0.803	5.31598769	5.56733157	4.92075182	5.09138499	6.08280896
0.198	0.164	4.32499571	4.38420561	4.76747079	4.73570921	4.44654396
0.107	0.078	2.81058638	2.7864812	2.62090778	2.82931205	2.81428327
0.361	0.299	4.42844433	4.6523007	4.0599818	4.19151788	4.53472516
0.603	0.693	4.15921407	4.59149366	4.15532135	4.33084175	4.28943279
0.758	0.684	5.75520447	5.85302108	5.55741681	5.58131301	5.62736806
0.202	0.193	4.99595259	4.95115335	4.50264318	4.64603254	5.38103827
0.087	0.066	0.79349204	0.61156351	0.5228852	0.55292648	1.09633447
0.075	0.078	0.09080978	0.09384007	0.25052735	0.29542646	0.46226045
0	0	0.20364091	0.60667771	0.50151044	0.12534491	0.94085975
0	0	0.10511995	0.26272602	0.14366648	0.15700083	1.00E-04
0.071	0.07	3.02959326	3.46868184	3.44841011	3.44418144	3.18743204
0.075	0.078	2.89029298	3.03192727	2.61586304	2.850595	3.02761779
0.036	0.02	0.539496	0.80816575	0.63753034	0.83438876	0.27974269
0.06	0.09	2.60306088	2.77339696	2.55906322	2.59328287	2.93250571
0.206	0.193	4.16766969	4.22824941	3.92051602	4.07853696	4.61364471
0.591	0.615	4.26511227	4.36542584	4.4079786	4.53194949	4.47839586
0.052	0.049	1.62173625	1.71107974	1.30902286	1.2347326	0.53986997
0	0	0.01158954	0.03772165	0.03628223	0.06393598	0.14113014
0.008	0	0.05354098	0.06839481	0.01750377	0.01378248	1.00E-04
0.036	0.029	1.46271873	1.56807922	1.16411194	1.49850962	1.39477609
0	0	0.49354837	0.52750044	0.76299707	0.47710542	0.0490005
0.052	0.074	2.35038317	2.12593904	2.41986321	2.28409392	4.02961153
0.012	0	2.55879895	1.94017296	3.14376521	3.16859028	3.10796617
0.242	0.201	2.68423063	2.78889585	2.67337783	2.70484145	2.68515962
0.004	0	1.91399641	1.16110564	0.81212997	1.36520611	0.31386354
0.004	0.012	1.29824731	1.69171672	1.33826061	1.58733461	1.92752846
0.052	0.041	1.6283823	1.8493288	1.84100612	1.9937338	1.70821753
0	0	0.04532611	0.20101912	0.08208181	0.14491049	1.00E-04
0.361	0.291	4.16596178	4.00430599	5.04899883	4.90521445	4.45780914
0.187	0.152	3.738441	3.67565175	4.00859769	4.06715336	3.90770269
0.393	0.377	4.24861816	4.17046706	5.09807169	4.97782194	4.51762172
0.226	0.234	3.8255915	3.78392856	4.55991162	4.48180161	4.07769292
0.349	0.324	4.20388874	4.29738922	5.00638135	4.91709895	4.54528767
0.337	0.332	4.47026561	4.48734281	5.31651642	5.16933128	4.65129799
0.214	0.193	3.82968231	3.78527514	4.691304	4.43081056	4.17062795
0.464	0.434	5.01167493	5.01028588	5.92262385	5.85235541	5.30850427
0	0	0.1348615	0.15037077	0.05489557	0.06778161	0.27191488
0.194	0.184	3.53215752	3.6960362	4.03518817	4.05013772	3.58987261
0.214	0.25	3.45755731	3.50399939	4.24929552	4.09015262	3.69348431

0.214	0.184	3.76913821	3.65389807	4.63559836	4.57591235	3.99560475
0.147	0.098	3.27560658	3.16011642	4.0409452	3.94739917	3.44528913
0.155	0.123	3.46346456	3.5772622	3.78921778	3.78096877	3.70191941
0.27	0.234	3.55661416	3.40564561	4.37123347	4.41208509	3.8201087
0.056	0.066	2.01196093	2.10671954	2.65871936	2.64588465	2.56336162
0.179	0.139	3.47851545	3.74722169	3.33663323	3.43177284	3.46875665
0.123	0.152	3.30023554	3.37689223	4.1367528	4.0876912	3.41110366
0.175	0.164	2.91485044	2.8426109	3.38873754	3.34284797	3.03443745
0.103	0.074	2.18231824	2.44014349	2.1715614	2.32263162	2.13656481
0.048	0.07	2.32506766	2.37305153	2.51058124	2.59405133	2.45790107
0.135	0.193	3.08377455	3.15035604	3.00640521	3.19917499	3.25853615
0.179	0.107	2.97800883	2.94381089	3.99011367	3.87569005	3.38785096
0.29	0.34	4.36956452	4.12281276	5.17531308	5.08035835	4.63248811
0.294	0.283	3.80436942	3.75662132	4.74454388	4.7132198	4.15220538
0.27	0.254	3.74215919	3.63873462	4.64579773	4.46185651	4.08564261
0.452	0.43	4.54559098	4.53027294	5.45544188	5.33249311	4.8789953
0.044	0.02	1.93251995	1.85227631	2.66750198	2.71688596	2.43357531
0.286	0.324	3.6671662	3.744533	4.61738394	4.46892821	3.91547616
0.23	0.225	3.78421128	3.76283998	4.56816744	4.58218437	3.93313036
0.29	0.27	3.81039932	3.66633362	4.67086278	4.58542813	4.04128026
0.278	0.221	4.19495258	4.26751365	5.06452742	4.93615989	4.60226178
0.29	0.25	4.13008146	4.28164585	4.98242873	4.97539858	4.3752292
0.333	0.279	3.98003556	4.04334941	4.83688906	4.78221015	4.2265328
0.29	0.23	3.92187204	3.87571333	4.69682287	4.62451811	4.17609692
0.306	0.324	4.55659324	4.59031881	5.38310563	5.31493658	4.69621031
0.171	0.135	3.21728416	3.24253806	3.40586301	3.47604079	3.37698937
0.198	0.156	3.54720038	3.6568341	4.2559757	4.18671656	3.8026079
0.202	0.139	3.31297155	3.27241381	4.1162962	4.07386973	3.55267488
0.341	0.32	4.26217665	4.38594614	4.4441676	4.46334923	4.41849267
0	0.008	0.19565442	0.2801972	0.1440018	0.25059928	0.14086282
0.27	0.25	3.63632556	3.79416976	4.56373796	4.51718714	3.99884206
0.198	0.225	3.79959739	3.96285733	4.66274683	4.53577211	4.15006578
0.266	0.221	4.52630069	4.6005674	5.27914655	5.156293	4.61086558
0.107	0.119	3.55117876	3.50935243	4.17854907	4.15006274	3.50721194
0.202	0.234	3.67264716	3.71480083	3.93015621	3.98683215	3.80278241
0.151	0.123	3.38045244	3.20104417	3.93413392	3.78958614	3.60405918
0.024	0.012	1.76225018	2.07153643	1.52564261	1.73825932	1.64830289
0.016	0.029	1.00782071	1.37558572	0.62892782	0.87156725	0.09988256
0.004	0.008	0.1318172	0.14385552	0.10647187	0.11700839	1.00E-04
0	0	0.09560925	0.12550372	0.111068	0.17027864	0.15250528
0	0.012	0.86356056	1.0598454	1.04696264	1.10558092	0.93006613
0.103	0.09	2.97770573	3.1812443	3.15749425	3.29118843	3.49997112
0.183	0.143	4.5324468	4.50708895	4.93591159	4.9258659	4.45790632

0.008	0.012	3.35322514	3.27840586	3.27445639	3.35622656	2.89774256
0.028	0.029	2.77160217	2.88990622	2.73313175	3.02485626	3.97177072
0.024	0.02	1.14544203	0.6403518	0.46918621	0.57123312	1.00E-04
0.004	0	0.37801052	0.55667395	0.48973935	0.47887523	0.37160495
0.091	0.09	2.56959659	2.94869377	2.33617186	2.54118336	2.78421889
0.143	0.164	1.87329359	2.34977701	1.79674396	1.83263985	2.80023921
0.282	0.266	2.41785078	2.31474478	2.0209718	2.10275291	4.26508065
0.385	0.398	4.22834751	4.29462155	5.12444626	5.03948599	4.4661395
0.583	0.541	5.39341807	5.42428147	4.98861263	4.95210981	5.07314085
0	0	0.09576445	0.05503155	0.06049758	0.04096896	1.00E-04
0.016	0.025	0.5649719	0.6082505	0.30240148	0.37728582	2.3196139
0.139	0.102	2.09856394	1.97371323	1.76472885	1.90215914	2.18116561
0.048	0.057	2.94648691	2.59996208	3.19086817	3.2083389	2.95177719
0	0	0.02657509	0.21636034	0.05937699	0.06940198	0.39234325
0.23	0.25	3.47196861	3.73234842	3.23027175	3.39414966	3.57796985
0.147	0.098	2.42749908	2.73514352	2.12493147	2.02943233	2.93053801
0.02	0.029	3.04764515	3.68711038	2.62791269	2.95268126	2.56910802
0	0	0.0442824	0.06654076	0.04474827	0.07528177	0.0572144
0.063	0.045	1.46236154	1.5757353	1.49092258	1.67319512	1.645634
0.119	0.148	2.39056593	2.54318431	2.1670782	2.30206935	2.51867978
0	0.025	0.60422732	0.63692161	0.30310214	0.45152119	0.35216449
0.135	0.094	4.9623571	4.86455533	4.84546587	4.91611618	4.66648252
0.516	0.434	4.73209225	4.92802677	4.3512249	4.51981661	4.93248021
0.036	0.029	1.75943926	2.0193483	1.93042318	2.06515911	1.57763177
0.139	0.148	3.56790016	3.5545186	3.40488255	3.55627354	3.56022382
0.083	0.07	2.08192875	2.20376652	2.27162423	2.38036796	2.31685669
0.127	0.123	2.61476091	2.77228133	2.93219068	3.00684562	2.85786956
0.103	0.119	2.9564369	2.88097066	3.29449937	3.42171733	3.26528801
0.119	0.09	2.70139604	2.82893737	3.27666245	3.21912881	2.99689587
0	0.004	0.25983892	0.67683246	0.28173377	0.37591128	0.28058684
0.004	0.004	0.19489438	0.28388191	0.2181648	0.19731911	0.08267434
0.484	0.418	4.6719478	4.74308727	4.67338031	4.75266454	4.7285348
0.036	0.041	2.32233878	2.35176721	2.29536077	2.43392301	2.28128316
0.179	0.164	2.39614457	2.56357219	2.31182076	2.50268222	2.81794207
0.06	0.033	2.94515742	3.06873396	3.63542411	3.52947894	3.18607039
0.004	0.004	1.74451803	1.81353514	1.01877284	1.04639413	0.44160926
0.083	0.053	2.75336135	2.9040329	2.68707468	2.6536667	2.95160957
0.075	0.049	3.92886212	3.92145031	3.74933369	3.94844997	3.66516391
0	0	0.04338184	1.00E-04	0.01689019	0.0093565	0.27231744
0.04	0.008	1.21942868	1.52596649	1.08789708	1.28924652	2.98268718
0.052	0.041	2.54667921	2.54805349	3.05678238	2.97785344	2.69446804
0.028	0.033	1.62898558	1.55129909	1.5213971	1.76928261	1.43678213
0.016	0.008	1.24499615	1.27913561	1.26657791	1.3121852	0.74784509

0	0	0.08275243	0.19996507	0.1104526	0.14582376	2.38465417
0.008	0.016	0.32113486	0.34134514	0.37555404	0.5360115	0.62506461
0	0	0.12619083	0.67369431	0.38772762	0.27754109	1.78773428
0.056	0.041	2.15782504	2.16837921	2.04083141	2.27272075	2.14393547
0	0.004	0.23748284	0.50544292	0.17321753	0.37398612	0.1166049
0.044	0.029	1.08553574	1.65715816	1.26261646	1.40961943	1.3097855
0.349	0.295	5.47046346	5.79410759	5.15183595	5.31836846	5.31112732
0.175	0.189	3.33699792	3.39025241	3.13234542	3.33128356	3.58543631
0.016	0	2.77170498	2.76655759	3.12731301	3.26008628	3.55043729
0	0.004	0.11403198	0.06845221	0.06466935	0.06006235	0.22178609
0.552	0.525	4.98085501	5.34203536	4.86587592	4.86248775	5.0926264
0.155	0.25	2.88841744	2.89487492	2.38697281	2.50115547	4.32437139
0.425	0.402	1.92283716	1.37511674	1.19398905	1.53942758	3.26181416
0.095	0.082	2.46884518	2.51690955	2.5973417	2.61253958	2.25925899
0.619	0.635	4.5464991	4.87295531	4.32950863	4.56144152	4.53490168
0	0	1.00E-04	0.00807623	0.00697253	0.00336719	1.00E-04
0.004	0	0.41512646	0.244808	0.89533501	0.82775727	1.78408908
0.127	0.131	3.39314846	3.45686775	3.42520005	3.50732906	3.50024058
0.246	0.221	4.68253727	4.78913851	5.22556093	4.90252019	5.02191778
0.071	0.135	2.81210499	2.53721865	2.82922293	3.14444826	3.12764908
0.06	0.061	4.19511815	4.10824453	3.78022463	4.14564026	3.68899717
0.004	0.012	0.9046132	1.37508843	0.48998404	0.53991459	0.60444836
0.183	0.143	4.29340293	4.64006022	4.39420925	4.43991685	4.46581632
0.171	0.111	3.93285893	4.13338808	4.16880087	3.89094679	4.0627065
0.008	0.012	3.1764656	3.35406939	3.06277745	3.15933572	2.65514321
0.544	0.553	4.89350926	5.31243378	5.43654528	4.64664519	5.8258168
0	0	1.00E-04	0.04327541	0.15012135	0.0306843	0.0494997
0.444	0.295	4.91691299	5.30105835	6.09993116	4.92302968	5.44229456
0.187	0.148	3.4151507	3.7119914	4.15384696	3.90982071	3.67316366
0.036	0.029	1.78700968	1.88313798	2.15514088	2.19126751	3.03145548
0.044	0.053	2.71113445	3.09989721	3.48681296	2.95626906	3.47181791
0.032	0.033	2.11990727	2.38123354	2.65128562	2.6770802	2.15366748
0.456	0.291	4.73282378	5.62414855	5.973098	4.61179441	5.3211308
0.127	0.102	2.5868931	2.7150009	2.59641217	2.82104184	2.69593569
0.04	0.057	2.05873199	2.18006322	2.43685477	2.44431563	2.28207826
0.183	0.176	3.63401312	3.70072334	3.88244864	4.10941442	3.25390692
0.306	0.27	4.30663461	4.47998245	4.01223894	4.21174312	4.40176407
0.083	0.078	2.45915185	2.47078557	2.22552191	2.36234133	2.55117271
0.123	0.131	3.41697727	3.45826271	3.40185461	3.55962726	3.28685084
0.151	0.139	2.34801487	2.12088063	2.66893975	2.62373058	2.8103971
0.234	0.238	3.87299042	4.02874111	3.72946024	3.89466566	4.14617302
0.099	0.107	2.3090924	2.42857543	2.7114103	2.73185612	2.71286263
0	0.004	0.24033322	0.18736848	0.10529195	0.16446399	0.43897307

0	0	1.00E-04	0.02235263	1.00E-04	0.01491161	1.00E-04
0	0	0.06332989	0.08143717	0.05323284	0.01164002	0.20956903
0.242	0.225	3.7700516	3.92567042	3.61174884	3.72101162	3.95017623
0.159	0.16	3.39060474	3.39154975	3.86163824	3.85199271	3.47485693
0.095	0.078	2.73199775	2.83254756	2.45787814	2.50367664	2.60474171
0	0	1.00E-04	0.00380278	0.01101337	0.0431491	1.00E-04
0	0	0.83580938	0.79209372	1.01612029	1.0751877	0.61347342
0.135	0.127	2.65374048	2.7301172	2.64436329	2.82591307	2.87369828
0.087	0.082	3.54890889	3.68543423	3.61390201	3.66999879	3.37145468
0.242	0.238	3.62466819	3.65899677	4.48674068	4.4097925	3.88715098
0	0	0.30610815	0.28214072	0.14452986	0.20388928	0.14662278
0.052	0.033	4.5360143	5.25532305	4.38562154	4.59960865	4.80810148
0.004	0.02	2.518365	2.69370688	2.35192111	2.47546131	2.95640685
0.024	0.008	1.86108592	1.99745236	2.25505245	2.27697523	2.01244779
0.02	0.025	3.99337056	3.64700164	3.62233968	3.96741835	3.08793796
0.008	0.004	0.2487341	0.22462833	0.17875002	0.34021125	0.30735154
0.151	0.094	2.86884419	3.12761646	2.97413407	3.22519806	3.16556152
0.139	0.152	3.13976131	3.21640244	3.70179493	3.62487497	3.43040653
0.004	0.008	1.26971528	1.30369116	0.54536708	0.4802648	0.41652294
0.349	0.32	5.11248283	5.00151396	4.69739542	4.82407601	5.23779361
0.123	0.111	2.93644225	3.02145801	3.53392406	3.28948757	3.86360841
0.052	0.066	3.24649854	3.19467836	3.64024395	3.68051716	3.53996135
0.044	0.029	0.45461209	0.55317847	0.30382578	0.40870141	0.10819762
0.075	0.07	2.43971714	2.50677399	2.92751123	2.88212102	2.5833966
0.079	0.074	2.59222838	2.66568023	2.56699036	2.67107151	2.46024184
0.155	0.23	3.94675543	4.25025844	3.8861359	4.03274078	4.35615896
0.044	0.029	0.00736151	0.09168456	0.02381758	0.03974172	1.00E-04
0.004	0.008	2.35261356	2.22333671	1.86528274	2.3081658	2.14509352
0.175	0.143	2.73185851	2.77420804	2.73668118	2.9418821	2.72166569
0	0	1.00E-04	0.00900432	0.00461507	0.00337334	0.08620641
0.702	0.725	5.53463207	5.82223709	5.35630656	5.45324345	5.66643319
0.032	0.041	0.93892743	1.28162275	1.05198767	1.13183228	1.12957796
0.075	0.098	3.03627398	2.9957199	3.4652619	3.41042753	3.14737006
0.024	0.012	2.0276857	2.39463959	2.20570916	2.4024618	2.27264699
0.115	0.164	2.70312094	2.86599152	2.53941383	2.74354039	2.9370984
0.044	0.037	2.15949959	2.1584973	2.731583	2.73230615	2.3396203
0.111	0.078	3.30576976	3.32654611	4.07678154	4.06227795	3.4392089
0.008	0.004	0.16496629	0.2742537	0.14475539	0.17665827	0.30045564
0.004	0	0.48733951	1.0702152	0.3326612	0.37133934	0.58793312
0	0	0.25620314	0.17883577	0.10466162	0.19837413	0.13717775
0	0	1.00E-04	1.00E-04	0.00369055	1.00E-04	1.00E-04
0.143	0.148	3.09917103	3.11562283	3.61902261	3.56761757	3.14527017
0.087	0.074	2.59578365	2.67025741	3.09936773	3.08331464	2.95360491

0	0	0.02386662	0.19329486	0.22593375	0.23920171	0.30316657
0.083	0.082	0.52720867	0.83030965	0.50861023	0.58082707	2.35884757
0.008	0.016	0.83418997	1.13102639	0.90381073	0.99425953	1.46820006
0.52	0.463	0.1009771	0.20480646	0.3233111	0.26879479	0.07516435
0.31	0.262	0.09875969	0.53319849	0.92862409	0.59930961	0.29423277
0.044	0.029	3.10264241	3.16488388	3.15126885	3.11146994	2.71340144
0.032	0.025	2.0942303	2.35243985	2.54382783	2.55364117	2.22843248
0.032	0.033	0.85269793	0.92871569	0.74724126	1.01537696	1.2656653
0.063	0.07	2.49550702	2.60088297	2.48736928	2.57070933	2.55301173
0.397	0.443	4.47776644	4.76071225	4.41180346	4.57081819	4.62158153
0	0	1.00E-04	1.00E-04	0.02739017	1.00E-04	1.00E-04
0	0	0.01222357	0.04810385	0.03619039	0.07602386	1.00E-04
0	0	1.00E-04	0.01060196	0.00440768	0.01118877	1.00E-04
0.004	0	0.7657509	0.69185436	0.80505878	0.38263995	0.45356979
0	0	0.08097666	0.04486466	0.05422222	0.07424455	0.06057069
0	0	1.00E-04	0.00512677	1.00E-04	1.00E-04	1.00E-04
0.02	0.02	1.03702088	1.08818354	1.53489156	1.56110528	1.05493544
0	0.004	1.16385269	0.47978103	0.29139572	0.35655031	1.38600536
0	0	0.0131408	0.0249126	0.01133978	0.00542726	0.03010564
0.032	0.037	2.03393051	2.05854604	1.97435238	2.28213029	1.95926047
0	0	0.34819943	0.27238864	0.1112493	0.20082038	0.16481791
0	0	0.17425341	0.15081216	0.14787149	0.20646947	0.64613992
0.23	0.246	4.78612613	5.03766212	4.42342417	4.57958074	4.70193983
0.123	0.193	3.81136934	3.80534334	3.52070165	3.74301155	3.57813501
0.313	0.295	0.48195323	0.31747644	0.36326524	0.38836655	0.44626183
0.032	0.029	2.74692588	2.58907083	2.95370115	3.13195543	2.64259777
0.365	0.344	4.00982706	4.6236176	3.77146431	3.92940225	4.40544977
0.016	0.008	3.67844954	3.92898503	3.49023281	3.77151237	4.29927428
0	0	0.08169018	0.02537305	0.03515918	0.05299105	1.00E-04
0.004	0	1.3358754	1.67722953	1.25983947	1.50092025	2.12464952
0	0	1.00E-04	0.03704917	0.02885756	0.04375161	1.00E-04
0	0	0.07538536	0.09901587	0.01436979	0.06378518	1.00E-04
0.012	0	0.37840963	0.27569661	0.31703626	0.40280745	0.16121484
0.012	0.016	2.06876751	2.57251454	2.50231711	2.43583982	3.96535919
0	0	1.00E-04	0.01237426	0.010865	0.00722743	1.00E-04
0	0	0.23688995	0.21470478	0.22991119	0.25947619	0.29840612
0	0	1.00E-04	1.00E-04	1.00E-04	0.0034623	1.00E-04
0.004	0	0.08660536	0.1971501	0.17579242	0.24824405	0.25393843
0	0	0.13089193	0.16579313	0.16085999	0.2610123	0.05340154
0	0.004	0.2469316	0.08112738	0.11079886	0.10597059	0.25422563
0.028	0.057	2.48014307	2.60744028	2.59823976	2.83620347	2.50693664
0.016	0.016	0.81034779	1.10578928	0.88238263	0.99800741	0.98004118
0.19	0.143	3.96688892	4.19647656	3.86802802	4.25322208	4.32328239

0.079	0.09	2.93731813	2.9680612	3.71672257	3.73488755	3.23274833
0.738	0.762	6.12603877	5.90072794	7.0294133	6.99989441	6.1969953
0.528	0.516	4.26556563	4.3147237	4.96144835	4.97138919	4.36937759
0.127	0.127	3.10197977	3.10382874	4.01413285	3.88470157	3.37741512
0	0	0.40365026	0.52184967	0.52269091	0.65713798	0.47490431
0.187	0.184	2.99533252	3.09876518	3.394223	3.60191518	3.22400309
0.091	0.053	2.88258089	3.12566287	2.77089975	2.93351101	2.83672068
0.004	0	0.76784761	1.43249157	0.52485216	0.68149374	0.31931232
0.012	0.02	0.62900952	1.32508616	1.02415738	1.218225	0.59146627
0.135	0.131	3.42356929	4.02688318	3.86052674	3.82188337	3.648505
0.024	0.045	2.47922662	2.69789445	2.25832454	2.58437058	2.58093996
0	0	0.60082158	0.25237849	0.14486939	0.15848045	0.27946465
0.083	0.057	2.51062142	2.65607712	2.23798711	2.55049256	2.30625432
0.091	0.061	3.29154227	3.52673468	3.78448433	3.73450731	3.5090135
0.048	0.041	2.48525905	2.49006958	3.06860771	3.05048793	2.54995196
0	0	1.00E-04	0.05845318	0.04780152	0.05368422	1.00E-04
0	0.012	0.32884674	0.35016513	0.20694228	0.21843646	0.26898554
0.234	0.242	3.63869902	3.86213689	3.85869641	3.94333966	3.75463855
0.083	0.07	2.27007363	2.07489996	1.78442507	1.87280355	1.50532979
0	0	0.00743829	0.02745489	0.02366161	0.0139285	1.00E-04
0	0	1.00E-04	1.00E-04	0.00167645	0.00268099	1.00E-04
0	0	0.12833855	0.20076451	0.33175682	0.07971868	1.00E-04
0.012	0	1.68929309	1.68342031	2.39383395	2.47510321	1.39541172
0.004	0	1.00E-04	0.01093574	0.01505295	1.00E-04	1.00E-04
0.155	0.176	3.46316091	3.42870623	3.43351827	3.58830228	3.47669225
0.071	0.086	2.53151484	2.32464096	2.58946396	2.64040015	2.656458
0.075	0.061	2.31012423	2.21844203	2.74796163	2.74316544	2.32199098
0	0	1.00E-04	1.00E-04	0.00783385	0.00395925	1.00E-04
0.127	0.09	2.4329333	2.40943668	2.68600525	2.81741174	2.71738852
0.179	0.172	3.16859789	3.14124471	3.26801218	3.37567606	3.19371107
0.048	0.041	1.7968097	1.89699442	2.20023315	2.21140546	2.17556148
0.024	0.033	2.75976728	3.10068644	2.99719966	2.88805953	2.8820218
0.028	0.033	3.19492473	3.2071478	2.98416672	3.16142437	3.34530212
0.02	0.004	2.98662233	3.21698808	2.83011636	2.98704967	3.72742246
0	0	0.16259516	0.09970389	0.10941652	0.1378304	0.09226915
0.167	0.168	3.70604674	3.94224802	3.55315662	3.71158333	3.84658737
0.111	0.119	2.66012747	2.58603397	2.59213683	2.83206704	2.59605142
0.06	0.078	2.56018741	2.74920057	3.3617707	3.24747429	2.98592288
0	0.004	0.57161097	0.6215919	0.81047859	0.81916085	0.35458498
0	0	0.27256421	0.1210187	0.04160871	0.06094706	1.00E-04
0.302	0.344	4.20843125	4.39432069	3.93036192	4.08675616	4.26826837
0.032	0.041	1.65753925	1.65085337	1.81029522	1.85478902	1.65099292
0.321	0.295	3.99602452	3.81895544	4.44638668	4.33439459	4.23347656

0.206	0.168	4.15808353	4.10240883	4.33195464	4.36743162	4.09360471
0.048	0.07	2.68171058	2.68300117	2.57276534	2.78314823	2.64567617
0.107	0.164	3.19400796	3.17339597	3.52424957	3.51631192	3.45625744
0.147	0.115	3.29466857	3.24343978	3.06415914	3.20465016	3.43718994
0.194	0.287	3.90941709	3.89499712	3.99721112	4.09080124	4.14997927
0.429	0.381	4.77426066	4.65171025	5.62915938	5.49065909	4.80265196
0.147	0.156	3.53992076	3.39655351	3.57905397	3.71086876	3.70700246
0.024	0.025	1.63405317	1.35306418	1.90248831	1.90896849	1.72802474
0.091	0.061	2.79512817	2.9717312	2.78801426	2.86506533	3.03946087
0.5	0.549	4.27196713	4.13167017	4.98513487	4.88290911	4.55754564
0.163	0.172	3.22903294	3.28350996	3.57280554	3.49125067	3.43740494
0.317	0.357	3.98691689	4.17038413	3.98392008	4.09482852	4.21523007
0.056	0.061	1.74036673	1.9012897	2.13470657	2.19575982	1.91109212
0	0.004	0.18105051	0.25825971	0.1780389	0.20928807	0.39068981
0.286	0.27	0.7794041	0.80960725	0.52105105	0.60306786	2.18295398
0	0	0.01958612	0.05941161	0.02713039	0.02352432	1.00E-04
0.012	0.008	0.03779013	0.07702716	0.06058894	0.08484591	1.00E-04
0.139	0.156	2.65438454	2.85185517	3.17592304	3.0099325	2.8696243
0.075	0.086	3.06066681	3.39606334	3.1780642	3.26962119	3.15032012
0.139	0.09	2.21611654	2.12259438	1.93680463	2.13461135	3.43004106
0.345	0.316	5.21682594	5.35587096	4.91695507	4.91564159	5.39767911
0.004	0	0.03575676	0.11355221	0.10676705	0.11848578	0.11207348
0	0	0.3139344	0.25311773	0.397307	0.41472281	0.56284781
0	0	1.00E-04	0.02212959	0.02211477	0.04320417	1.00E-04
0	0	1.00E-04	0.00493824	0.00842801	0.01619354	1.00E-04
0.004	0.004	0.16379224	0.19240809	0.07766576	0.08900703	1.00E-04
0	0	0.0164303	0.08865325	0.02243003	0.02512452	1.00E-04
0.008	0	0.08756834	0.08653172	0.05538107	0.09140013	0.15258103
0	0	1.00E-04	0.0213974	0.02466623	0.0389509	1.00E-04
0	0	1.00E-04	0.07000291	0.02592895	0.0634138	1.00E-04
0	0	0.03656657	0.04477521	0.0380662	0.05807158	1.00E-04
0.032	0.033	1.70313558	1.91250163	1.66312643	1.86978354	2.16126692
0	0	0.39845957	0.29199689	0.31151769	0.36120807	0.2650119
0.012	0.004	2.09751892	2.32116452	1.92015978	2.11501318	1.85562223
0.008	0.016	0.47353442	0.55785617	0.51958841	0.60967827	0.7026318
0.067	0.045	0.43799937	0.36901479	0.18508939	0.29614319	0.3807913
0.004	0.012	0.47352001	0.9464465	0.65100193	0.87812	0.2716541
0	0	1.00E-04	0.04852095	0.02915959	0.03184245	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.115	0.152	4.41914773	4.44449291	4.27403437	4.34465723	4.37797338
0	0	1.00E-04	0.07059312	0.03481936	0.02610684	1.00E-04
0.353	0.279	5.57045111	5.54632193	6.48396122	6.30352216	5.79246041
0.008	0.008	0.46393061	0.3900811	0.35543701	0.57760884	0.85704447

0.425	0.381	4.61460366	4.71260532	4.50993478	4.62428107	4.5727822
0.028	0.016	1.75156639	1.92335945	1.55125517	1.66428431	1.94402306
0	0	1.00E-04	0.00885044	1.00E-04	0.00392439	1.00E-04
0	0	0.16058243	0.1741418	0.11543894	0.12530921	0.58678271
0.02	0.004	1.68178187	1.72800084	1.42759401	1.68605925	1.06045037
0.071	0.119	2.78033544	2.68537186	2.47511106	2.79993133	2.45528453
0.048	0.053	3.19910779	3.29235195	2.71667334	2.80226823	3.0734124
0	0.004	0.75489043	0.40056261	0.20264368	0.24966255	0.7162036
0	0	0.02775908	0.04407054	0.03667439	0.0296324	1.00E-04
0.06	0.049	3.42426584	3.38298012	3.63883907	3.73942874	3.48183518
0.262	0.295	3.83560943	4.2067561	3.65318121	3.88604829	3.95602827
0.496	0.545	5.14719496	4.54909152	5.23335194	5.14463255	5.42149036
0	0	0.02069389	0.05720165	0.05639312	0.06395792	1.00E-04
0.171	0.176	2.58371671	2.42977881	3.32048678	3.29118412	2.73668579
0	0	0.25151911	0.09037094	0.06556646	0.1343955	1.00E-04
0	0	0.0396854	0.04882395	0.04303777	0.05975786	1.00E-04
0	0	1.00E-04	0.03720471	0.01088108	0.02199952	0.0796902
0.004	0.004	0.1293263	0.13377265	0.10174455	0.05627284	0.26467474
0	0	0.0134761	0.03919724	0.0396731	0.02904754	1.00E-04
0.123	0.16	1.94440647	2.04009202	2.1145408	2.10321847	1.96656851
0.119	0.115	3.01075178	3.29266353	2.88099183	3.14533421	2.84029674
0	0	0.20384049	0.08750759	0.08104128	0.09864921	0.04319948
0.274	0.254	5.27455081	5.27000417	5.0500521	5.13654959	5.288617
0.004	0	0.53472874	0.43774264	0.91556112	0.69874645	0.86157946
0.016	0	0.82118274	1.19654046	0.71104233	0.77022501	0.54337576
0	0	0.07464887	0.1372735	0.13863983	0.15315276	0.05305575
0	0	1.00E-04	0.04900531	0.01414998	0.02005311	1.00E-04
0.004	0.016	0.57220902	0.98718564	0.85219618	0.83491502	1.04431423
0.06	0.033	3.50833205	3.65315187	4.00805883	3.9307063	3.72058318
0.02	0.008	0.40914342	0.38963661	0.37154133	0.69310665	0.13843579
0.258	0.254	3.68964908	4.12739798	3.16204617	4.04935094	3.48630031
0.194	0.152	3.36364002	3.61144265	3.93460761	3.81117609	3.4736663
0.103	0.078	2.07152555	2.21933673	2.59724844	2.58929418	2.26332631
0	0	0.10027565	0.07095472	0.03240397	0.05189123	1.00E-04
0	0	0.01305279	0.06266593	0.04606893	0.03299951	1.00E-04
0	0	0.27512911	0.13491367	0.32152163	0.37975252	1.00E-04
0.107	0.119	3.46776641	3.49568073	3.11143788	3.32408598	3.47850845
0.306	0.365	3.7261272	3.73610339	3.44514778	3.60875477	3.81237538
0.028	0.029	1.4592731	1.31875896	1.85514619	1.89236905	1.66851256
0	0	0.03352575	0.010089	0.02517453	0.02046875	1.00E-04
0	0	0.15526198	0.11818162	0.13815396	0.17189914	0.17877565
0	0	1.00E-04	1.00E-04	1.00E-04	0.00741518	1.00E-04
0.008	0	0.03945208	0.35633694	0.19133173	0.20622685	0.18981683

0.036	0.041	2.32632827	2.43436295	2.73600624	2.73856616	2.06204424
0.794	0.705	6.365225	6.47201663	6.04886691	6.09395179	5.97054293
0.246	0.213	3.65830973	3.84114337	3.3103355	3.61280639	3.29135763
0.036	0.008	2.53946779	2.77526331	2.44458646	2.14444127	4.27718473
0.274	0.184	2.91169872	3.01023091	2.87654143	3.0085173	4.64077449
0.06	0.02	3.62650592	3.94407096	3.42058116	3.23950435	5.6216485
0	0	0.03798995	0.05359642	0.06438023	0.06429697	0.0490005
0.044	0.045	2.61901777	2.83269926	2.2935849	2.40919748	2.91312529
0	0	0.01722942	0.03330684	0.04137856	0.04105735	0.06289851
0.016	0.016	0.14625668	0.18306714	0.14283024	0.12746531	0.87317203
0.143	0.139	3.03397759	3.32500504	3.27593353	3.30537473	3.34701085
0.111	0.102	3.15531973	3.46331803	3.99224183	3.76989784	3.4776359
0.163	0.189	3.45586575	3.41067842	3.49401485	3.62048032	3.61128535
0	0	0.54533543	0.75969422	0.46846904	0.57216119	0.90088882
0.012	0.004	1.24344797	1.04047973	0.77207001	1.04308356	1.10017701
0.298	0.336	4.25477674	4.33741834	4.08504027	4.24263889	4.41913099
0.131	0.115	3.01407958	3.25670161	2.95294679	3.16983705	3.2727355
0.024	0.025	0.03928012	0.18731431	0.15364132	0.23120583	1.19808961
0.373	0.398	3.95460773	4.13905986	3.67971735	3.81815562	4.13461665
0.004	0.004	1.00169601	0.71624721	0.56008464	0.62778955	1.08510803
0.024	0.025	1.94527372	2.05434244	1.46870875	1.75046104	1.98256538
0.012	0.008	0.41705776	0.46580188	0.37475567	0.43141186	0.80594324
0.016	0.025	0.37336201	0.89138957	0.67838596	0.89019902	0.95319604
0	0	0.07654502	0.05590325	0.08295324	0.1042541	0.26528923
0.607	0.545	6.68783028	6.95664767	6.52194303	6.63862498	6.46122481
0.004	0.016	0.27848255	0.32585554	0.31170041	0.45756761	0.437744
0	0	0.13928441	0.05020949	0.03601941	0.03465516	0.34897613
0	0	0.08554738	0.04549493	0.02132525	0.01744294	0.0859243
0.032	0.061	1.76318195	1.82464008	1.72839764	2.09266781	2.32874908
0.012	0.016	1.34211883	1.53753931	1.84413267	1.79205742	1.38056747
0	0.004	1.00E-04	0.01017746	0.05219972	0.02693557	1.00E-04
0.008	0.012	0.24372105	0.23065377	0.23983515	0.35549638	0.5079583
0.028	0.012	4.18929793	4.28925499	3.98362748	3.95418054	4.52159768
0.111	0.053	6.12846346	6.10179204	6.10891293	6.11673297	5.5724558
0.179	0.238	3.67962001	3.81354511	3.89460724	4.06772731	4.39267894
0	0	1.00E-04	0.01701494	0.0023265	0.00401646	1.00E-04
0	0	1.00E-04	0.03600435	0.0273833	0.02509608	1.00E-04
0.004	0.004	0.146224	0.17855287	0.1508101	0.30671058	0.22723236
0.004	0	0.88900953	1.79605378	0.59122036	0.72585342	0.73744745
0	0	0.16692676	0.29461852	0.20250154	0.20316259	0.11260097
0.004	0.004	1.12238458	0.97755132	0.71974928	0.91683669	1.40004154
0.421	0.418	4.31776869	3.88397174	5.15485445	4.94656813	4.63346325
0.603	0.59	4.96998957	5.29302266	4.77862067	4.89876015	5.14092213

0.242	0.262	3.54620296	3.68815147	3.23076756	3.45222807	3.75287094
0.627	0.59	4.76834851	4.98076701	4.70357692	4.83171461	4.87626152
0.036	0.066	2.03315728	1.92541166	2.29352837	2.28769924	1.98797133
0.456	0.381	4.54498952	4.73044157	4.2162354	4.46148343	4.76103898
0.135	0.111	3.29686272	3.4641253	3.51555176	3.50410488	3.37946484
0.028	0.02	0.02872432	0.13464045	0.07596978	0.14352968	0.32206936
0	0	0.09179264	0.2804684	0.08068075	0.10160601	1.00E-04
0.075	0.09	3.2488312	3.21090608	3.48623505	3.5348266	3.22335154
0.393	0.414	4.56041289	4.61274194	4.26745185	4.39185588	4.5691785
0.266	0.303	3.47223697	3.47854581	3.77630136	3.74618291	3.71416525
0.5	0.439	5.49739292	5.75394752	5.32805192	5.45977027	5.49764874
0.151	0.127	2.61948251	2.5640008	3.20984906	3.2030625	2.62483239
0.083	0.094	2.12959699	2.17817891	2.49222443	2.5526775	2.20529248
0.052	0.041	2.06725791	2.11943647	1.82237546	2.03634372	2.39985508
0.333	0.303	4.8158076	4.91495835	4.72994771	4.77869991	4.76802732
0.087	0.152	2.85532502	2.82927574	2.73703756	2.89440472	3.0507242
0.083	0.102	3.00831066	3.31513597	2.71674631	2.9523138	2.90911642
0.04	0.025	2.52883218	2.57017409	2.33436335	2.46290585	2.39801279
0.056	0.082	1.81211741	1.99356912	2.32517031	2.3094307	2.00828458
0.067	0.053	3.3166448	3.44190077	2.93168701	2.97990907	3.31855817
0.012	0.016	0.7763857	0.9804006	0.51923686	0.7279979	0.98963998
0.175	0.189	2.47060246	2.41090027	3.24762662	3.27032553	2.51747086
0	0	1.00E-04	0.02982505	0.03453319	0.0042555	1.00E-04
0	0.004	1.00E-04	0.01984137	0.01013381	0.00781877	1.00E-04
0.385	0.471	5.57822011	6.02059992	5.17060661	5.36293203	5.43292297
0.294	0.205	3.83223631	4.61617747	4.17164801	4.31685852	3.65353081
0.056	0.053	1.60179311	1.7006401	1.99063527	1.9652419	1.25996405
0.393	0.393	4.75788668	5.11663839	4.682132	4.8187042	4.61290429
0.004	0.016	0.34852657	0.52129598	0.21068538	0.34487781	0.6149264
0.063	0.045	2.57475147	2.43932272	2.03442125	2.30085364	2.74382469
0	0	0.09753817	0.05927939	0.04489649	0.04659162	0.16032838
0.032	0.008	0.51158056	1.13107915	0.78717707	0.8979049	0.81100916
0	0.004	0.2298404	0.22294987	0.22886102	0.26245235	1.17889861
0.21	0.209	3.77766387	3.79940799	4.14786937	4.18216517	3.49397455
0	0	0.39259719	0.11556583	0.04541815	0.08966966	1.00E-04
0	0	0.043081	0.03938203	0.0370938	0.05482519	1.00E-04
0.075	0.074	2.45547752	2.54981897	2.95551574	2.96448759	2.63464382
0	0.008	0.52623768	0.75221755	0.61267924	0.58240891	0.8737819
0.063	0.07	2.06973723	2.12227087	2.609978	2.5326048	2.28570036
0.02	0.008	1.09945878	1.49099323	1.33042114	1.45640515	1.85554797
0.008	0.004	0.53993296	0.75094316	0.47390575	0.67209846	0.4471903
0	0	1.00E-04	0.03586068	0.01721522	0.00650961	1.00E-04
0	0	0.35410737	0.26993088	0.17105482	0.1297326	0.98586393

0.103	0.07	0.10858657	0.18628522	0.14000506	0.15644893	0.32668127
0.052	0.041	2.11324049	2.10094318	2.49340372	2.56475174	1.96110623
0.071	0.086	0.06260492	0.02260223	0.02352331	0.03527324	1.00E-04
0.004	0	0.30324652	0.2362214	0.23341873	0.29364524	0.37117992
0	0	0.10839007	0.19212425	0.16588706	0.15114293	0.15887246
0	0	0.43755341	0.61458713	0.22943928	0.11755341	1.00E-04
0	0	0.05792862	0.02984235	0.02289695	0.03640221	0.20698063
0	0	1.00E-04	1.00E-04	0.00506532	1.00E-04	1.00E-04
0.004	0.004	0.00833826	0.08841402	0.01516098	0.02014446	1.00E-04
0.036	0.029	2.37778385	2.31183345	2.1027515	2.35959362	2.75610679
0.262	0.242	3.63822138	3.81441023	3.7833304	3.77528269	4.02947837
0.075	0.074	2.85059326	2.94405703	3.17183155	3.1241153	3.02014991
0.036	0.049	1.66489568	1.3794113	1.8645176	1.97326718	1.98544874
0.183	0.139	3.97894962	4.09538035	3.58809343	3.89026845	4.03909363
0.171	0.127	4.64735335	4.80522947	5.05479653	4.90680238	4.30736102
0.159	0.123	2.48945651	2.91821252	2.54504311	2.64810695	2.65074138
0.425	0.393	4.47816543	4.57951475	4.91591526	4.86412087	4.59745667
0.365	0.27	4.24432855	4.22490826	4.88366634	4.64604495	4.42571448
0.103	0.074	3.08373899	3.15384058	3.28024878	3.13761752	3.29152473
0.107	0.094	2.62069011	2.68648044	3.39052217	3.35372026	2.82704409
0.262	0.303	3.85650752	4.0099862	3.67891809	3.77507423	3.8621206
0.091	0.078	2.77409029	2.5453971	3.25445494	3.14077251	3.24874315
0	0	0.31630515	0.11796221	0.06996119	0.1392376	0.05187124
0.067	0.041	2.29679493	2.12161124	2.36813024	2.59119345	2.16562483
0.071	0.061	1.88623858	1.98472437	1.89722415	2.28386874	1.88427687
0.091	0.127	2.90130192	3.06931648	3.66719857	3.58276939	3.09881834
0.02	0.016	0.99466579	1.12231963	1.20632603	1.3148628	1.56216536
0.103	0.082	3.61916676	3.67117159	4.33361335	4.34821308	3.66733802
0.131	0.111	2.39684755	2.28710781	2.97845713	3.00127353	2.41869903
0	0.016	0.98816382	0.92219146	0.99541691	1.16731309	0.6982335
0.008	0	0.37942017	0.21565115	0.48285217	0.54833658	0.35611792
0.048	0.053	1.513615	1.51938606	1.24409717	1.57354633	1.51657101
0.079	0.082	2.57933136	2.66685088	3.28954127	3.31046308	2.85706442
0.147	0.148	2.96953747	2.9271939	3.45899645	3.41555335	3.20137502
0.095	0.098	2.66844346	2.78744594	3.39250126	3.32073151	2.74936663
0.365	0.385	4.57039288	4.76425655	4.51120065	4.58016195	4.85014586
0.27	0.27	3.70624389	3.7149488	4.16424792	4.20231326	3.81488077
0.111	0.111	4.34358187	4.19633631	4.73625199	4.73437913	4.20484786
0.024	0.029	1.83528494	1.89657601	1.94769457	2.12043348	1.90557664
0.004	0.016	0.64879788	0.75829634	1.13475492	1.24395286	0.81495005
0.056	0.078	2.39748957	2.38812237	3.10852298	3.17894133	2.72358727
0.135	0.139	3.41189868	3.35378714	3.82308271	3.69090904	3.37801136
0	0.012	0.57107939	0.46697376	0.44680988	0.53767767	0.43077984

0.123	0.09	3.4929193	3.56413476	3.40641242	3.49783006	4.5077769
0.401	0.381	5.12053278	5.08267468	5.29215495	5.07216041	5.24597063
0.016	0.012	0.25024231	0.47751774	0.28267	0.38710314	0.33387333
0.25	0.32	4.22640885	4.28886193	3.93651916	4.15021002	4.41433714
0.389	0.414	5.35897648	5.38857784	4.95775663	5.10067029	5.30538959
0.024	0.012	1.48659473	1.51679563	1.11316162	1.30371606	1.31520834
0.127	0.168	3.16777047	3.14591485	2.86431144	3.0725027	3.04079443
0.127	0.152	3.26035965	3.37420869	3.0898667	3.31881244	3.47126568
0.452	0.385	4.85477548	5.13130066	4.65643151	4.65075486	4.83956478
0.147	0.107	2.94181692	2.98730146	2.74890375	2.9310965	3.1122678
0.139	0.197	3.81181652	3.96596115	3.4882409	3.7699589	3.80551216
0.143	0.107	3.39393753	3.52680461	3.28645224	3.35705222	3.42018801
0.202	0.148	3.50996205	4.03709416	3.26743613	3.42629905	3.67558252
0.21	0.176	2.10993558	2.18350157	1.94528452	1.93560344	2.76403573
0.024	0.029	1.56007756	1.49110328	1.24997176	1.52872981	2.23146818
0.29	0.287	4.01433858	4.18964142	3.78360894	3.95245839	4.13787652
0.123	0.074	2.89816081	2.93113835	3.08171952	3.15711605	2.91482904
0.075	0.066	2.63937433	2.77926409	2.68979352	2.84168675	2.58415508
0.032	0.041	1.03140073	1.12388082	1.32611157	1.51179995	1.34642449
0.044	0.033	1.38010793	1.48109832	1.57468324	1.67977889	1.82726814
0.19	0.172	2.89161917	2.91960308	2.95014642	2.98249265	3.0205075
0.103	0.119	2.94886722	3.20408542	2.90542879	3.19548624	3.13005692
0.183	0.168	3.54647858	3.70748502	3.34117668	3.49069777	3.78265838
0.012	0.029	1.39868134	1.33641159	1.47433121	1.40940321	1.52614586
0.052	0.053	1.00868167	1.14578238	1.00751615	1.25420581	1.8743787
0.103	0.135	3.02183217	3.10384453	3.12718822	3.24846018	3.23202891
0.111	0.09	3.02858588	3.09821661	2.99975127	3.18859348	2.89133067
0.147	0.086	3.29098573	3.42621381	3.12580498	3.17024884	3.51113148
0.472	0.455	4.63566116	4.92457416	4.36432611	4.51880606	4.89938726
0.258	0.189	5.87482529	5.89596137	6.74372783	6.6121559	5.88874551
0.048	0.045	1.1270496	1.12377887	1.03604151	1.02545337	1.49061101
0.183	0.148	4.9537117	4.91914217	4.96501504	4.79892445	5.01600541
0.012	0.008	0.53614994	0.58745924	0.54684506	0.59161664	0.65979294
0.171	0.107	2.89235153	2.87549687	3.28426654	3.2075689	3.1101786
0	0.004	0.10168127	0.14663829	0.08429901	0.10244982	0.15801556
0	0	0.11672928	0.10119128	0.10051258	0.13652293	0.08285395
0.286	0.234	3.78275604	3.87705883	3.56521922	3.76277398	3.82408649
0.012	0.008	0.86224183	1.00461677	0.52855055	0.62334488	0.74003645
0	0	0.14619534	0.48124319	0.26366177	0.21817685	1.00E-04
0.123	0.098	3.27723738	3.1701701	3.40895637	3.17967105	3.66800085
0	0	0.03060697	0.03472141	0.03071329	0.03775817	1.00E-04
0.02	0.025	3.44245824	3.97631847	3.46926946	3.56111757	3.30033726
0.004	0	0.16715424	0.13795191	0.07437179	0.0749073	0.36225506

0	0	0.2297083	0.33238413	0.25419254	0.28285455	0.13430798
0	0	1.00E-04	1.00E-04	0.00181836	1.00E-04	1.00E-04
0	0.004	0.14963913	0.21572929	0.28087868	0.19350362	0.54719276
0.063	0.082	2.02145161	2.08324192	2.2544887	2.32535965	2.25114024
0	0	0.02853875	0.11629688	0.14513908	0.08102939	0.18405512
0	0	1.00E-04	0.07647856	0.04147203	0.04687314	1.00E-04
0	0.008	0.0437731	0.02906442	0.02646309	0.06700797	0.1202221
0	0	1.8880392	1.8161273	1.54505404	1.47355741	1.64234599
0.151	0.094	2.22221389	2.27908328	2.88243117	2.76593386	2.51957506
0.052	0.025	2.05643667	2.00933694	2.30430613	2.32071145	2.36020899
0	0.004	0.43174072	0.57019333	0.34080571	0.40354782	0.35406732
0.004	0	0.28017421	0.3133769	0.53219408	0.32922626	2.60334357
0	0	0.05241468	0.10889576	0.10169494	0.09030357	0.56605631
0.004	0	0.06415028	0.1508411	0.16494327	0.16417311	0.50928878
0.159	0.164	3.12110689	3.1180286	3.62521745	3.76685307	3.25842104
0.016	0.012	2.81765912	4.39932616	3.28750926	3.2018127	2.56969045
0.087	0.107	3.34165443	5.16439075	3.46452669	3.64123134	3.44224129
0.048	0.066	2.88895623	4.45367515	2.88646519	3.10259002	2.82094365
0.036	0.045	2.82290406	4.35099322	2.95444406	3.11061679	2.92750132
0.012	0.041	1.68892116	1.39315528	1.56445874	1.65969034	0.8085333
0.77	0.791	7.10934361	7.12410979	7.94976592	7.9277677	7.26340764
0.079	0.053	2.10529286	2.30190791	2.49086006	2.52983293	2.24161914
0	0	0.05772735	0.12897892	0.15078179	0.18696981	1.00E-04
0	0	1.00E-04	1.00E-04	0.01275895	0.01629242	1.00E-04
0.028	0.008	2.41426011	2.55909275	2.01619095	2.17352491	2.4092929
0	0	0.03663127	0.05302585	0.05480238	0.09112982	0.53902168
0	0	1.00E-04	0.04043376	0.0275414	0.04429016	1.00E-04
0.04	0.012	0.06099986	0.13134067	0.17752191	0.10968633	0.06158912
0.028	0.049	2.23378486	2.37554462	2.89122532	2.85005948	2.28922833
0.302	0.34	3.92337216	3.96953796	4.37608762	4.30150771	4.04392369
0	0.008	0.58734346	0.52790504	0.4792489	0.61050706	0.24851085
0.004	0	0.19656207	0.17628369	0.07078195	0.1639265	0.02869053
0	0	0.26793243	0.53626044	0.34634916	0.35288698	0.42662242
0.04	0.049	3.19416723	3.16575177	2.96989021	3.13077546	3.1303692
0	0	1.00E-04	1.00E-04	0.01814678	0.01466409	1.00E-04
0	0	0.05775889	0.10912156	0.05561475	0.05870409	1.00E-04
0.151	0.078	0.14020191	0.13235911	0.13934614	0.12573178	1.00E-04
0.119	0.074	3.33727057	3.51175221	3.69175531	3.70886041	3.47769251
0	0	0.13521204	0.02058254	0.0015282	0.00224973	1.00E-04
0.079	0.078	2.06524401	2.23268064	2.0166673	2.10141402	2.45185386
0.111	0.107	2.52807813	2.61538685	2.54399443	2.72975068	2.69735763
0.06	0.045	3.33507508	4.38841979	4.03292335	4.00170665	3.97522105
0	0	0.16426971	0.25086957	0.2113275	0.19912785	0.06860852

0	0	1.00E-04	0.00988093	0.02537857	0.02496479	1.00E-04
0	0	0.01467602	1.00E-04	1.00E-04	1.00E-04	0.08669234
0.099	0.074	2.84837872	2.92694074	2.82138544	3.04470066	3.02187306
0.008	0.004	0.25816964	0.80363725	0.37211622	0.45827713	0.2660516
0.131	0.168	3.12638599	3.18893668	2.98614469	3.13312274	3.30874412
0.448	0.504	4.62115986	4.75751288	4.20700954	4.57148583	4.74935445
0.349	0.357	5.02092249	5.07334456	4.92497487	5.02941391	4.86253558
0	0	0.06235204	0.01592882	0.00396726	1.00E-04	1.00E-04
0.044	0.053	2.27101184	2.54177384	2.82959326	2.81261968	2.46704653
0.032	0.041	1.3687416	1.42546872	1.66924214	1.8883572	1.61511348
0.048	0.045	2.14494949	2.34866474	2.83469079	2.80708881	2.41853276
0.115	0.131	2.75603991	3.10655056	3.13596126	3.12202254	2.87803476
0.075	0.082	4.00993786	3.80323372	4.08481716	3.88891436	4.24477257
0.06	0.066	2.32349183	2.22065887	2.27951036	2.54092368	2.36577853
0	0	0.35872898	0.42046739	0.34627443	0.46428026	0.25114527
0.468	0.455	3.92347482	3.84683968	3.5292883	3.74213618	4.27132122
0.004	0.012	0.32707534	0.28806365	0.33134728	0.41972397	0.05729727
0	0	0.15953266	0.50001448	0.0631269	0.12917589	0.23400626
0.345	0.336	4.69216513	4.88214857	4.52458201	4.57049077	4.87875202
0.028	0.02	0.04602029	0.16848663	0.22093757	0.17325394	0.46171692
0.004	0.008	0.38664897	0.25043983	0.21725253	0.25987818	0.19492144
0	0	0.02869464	0.07013796	0.02729772	0.03142229	1.00E-04
0	0	0.04944192	1.00E-04	1.00E-04	0.06071986	1.00E-04
0	0	0.04265409	0.01707448	0.02115153	0.03591193	1.00E-04
0.008	0	0.12643187	0.3782451	0.16538827	0.2529302	0.24021276
0	0	0.03867856	0.01608889	0.05286208	0.03531746	1.00E-04
0	0.004	0.81184946	0.88567304	1.4261134	1.48681274	2.29797947
0.198	0.111	6.12791758	6.2965969	6.58656886	6.44909147	6.08992255
0.091	0.082	2.96949305	3.1933393	2.97585616	3.09647284	3.02015316
0.008	0	0.20857507	0.30993463	0.32440268	0.37735731	0.06222294
0	0	0.12474677	0.1069448	0.07839662	0.12784057	0.08220302
0	0	1.00E-04	0.00479739	0.04198473	0.05605022	1.00E-04
0	0	1.00E-04	0.03449045	0.0121389	0.03403689	1.00E-04
0	0	0.07174137	0.03099245	0.03753168	0.04492991	1.00E-04
0	0	1.00E-04	1.00E-04	0.00633023	1.00E-04	1.00E-04
0.353	0.25	4.7023311	4.83630479	4.32126422	4.56647149	4.81028222
0.083	0.061	3.13104367	3.11704482	2.86412277	3.17572939	3.19500965
0	0	1.00E-04	0.01448237	0.00641755	0.01429703	1.00E-04
0.012	0.004	0.46489469	0.56663507	0.40348285	0.4156722	0.52539897
0.024	0.02	4.22253425	4.37553301	3.81176302	4.05275164	4.09653182
0	0	0.0629367	0.04133814	0.10900801	0.04571321	0.04564578
0	0	1.00E-04	1.00E-04	0.00632295	0.00759782	1.00E-04
0	0.012	0.18171459	0.28456195	0.34127597	0.52055326	0.05612445

0.052	0.078	2.20038524	1.93623315	2.18216104	2.16540846	2.94969141
0.004	0	1.00E-04	0.02218766	0.04798793	0.03959435	0.04069244
0.024	0.004	1.46120428	1.60416062	1.236667	1.37227891	1.13729781
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.40768835	0.46367311	0.39923384	0.46457469	0.76819088
0	0	0.05626321	0.06056893	0.05321906	0.03919883	1.00E-04
0.302	0.295	3.5313671	3.58508192	3.51464184	3.58211873	3.33400571
0.012	0.004	1.02497124	1.27389371	0.77972315	0.66377539	0.83926556
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.02355654	1.00E-04	0.02382676	0.02031395	1.00E-04
0	0	1.00E-04	1.00E-04	0.00195608	0.01038283	1.00E-04
0	0	1.00E-04	1.00E-04	0.00563441	0.00631839	1.00E-04
0	0	1.00E-04	1.00E-04	0.00525465	0.01678647	1.00E-04
0	0	0.03538997	0.1035737	0.01041893	0.01332752	0.04912566
0	0	1.00E-04	0.01941202	0.01968671	0.03771275	1.00E-04
0	0	0.02536509	0.03340523	0.01293939	0.0194139	1.00E-04
0	0.004	1.26051321	1.14094725	1.40359241	1.36982977	0.60065801
0.19	0.217	2.75019175	2.84524473	3.46445513	3.39762198	3.14316389
0.151	0.225	3.57309083	3.53120982	3.66709506	3.86866304	3.71310665
0.087	0.07	1.54498267	1.69637054	1.92522641	2.03455617	1.70227737
0.008	0.008	1.05575394	0.95253202	0.61850792	0.83201668	1.5474316
0.187	0.152	3.76333745	4.04612563	3.58084771	3.76549192	3.8553767
0.123	0.094	3.53903674	3.61526612	3.60934487	3.48759673	3.55534536
0.266	0.201	3.74486712	3.91041329	3.64024717	3.76428777	3.75420348
0.127	0.111	3.28377741	3.3646101	2.92569571	3.21030333	3.13997694
0.028	0.053	2.12656525	1.76758904	1.84049865	2.15301564	2.12689611
0.032	0.02	0.35783188	0.3522411	0.21460172	0.41168179	0.48795092
0.087	0.094	3.01381317	2.75685926	3.22141737	3.21692652	2.96627305
0.056	0.078	2.61674668	2.73743971	3.45242191	3.30319489	2.77847502
0.024	0.041	1.54121631	1.59208503	1.62810175	1.77420819	1.73776467
0.266	0.254	4.38072524	4.29868848	4.50485743	4.49288312	4.67832706
0.19	0.152	3.42428838	3.54019014	3.50816786	3.61219649	3.57133853
0	0.004	0.25496352	0.47820505	0.4276339	0.42793969	1.60314917
0	0.016	1.11828065	1.68546439	1.16661403	1.26591332	0.62049213
0.341	0.27	6.89183572	7.08512088	6.97163507	6.91065471	6.69647657
0.139	0.143	5.46502697	5.67057292	5.34399303	5.50510722	5.30762232
0.139	0.135	3.7552728	3.6151315	3.40185935	3.56565107	3.53908072
0.337	0.23	3.98011812	4.08935578	3.12129685	3.20241813	4.88282837
0.028	0.053	2.2241214	2.15266881	1.73165989	1.85398575	1.55299119
0	0	0.2340897	0.54073769	0.30999476	0.27656326	0.19943454
0.079	0.086	1.79023266	1.76642409	1.58247646	1.78417378	1.79810421
0.655	0.611	6.20040312	6.64359788	5.99020584	6.02445464	6.42387249
0.635	0.545	4.60837069	4.82491409	4.38749179	4.5934297	4.85793085

0.063	0.045	4.45701713	4.69106615	4.78417678	4.9189534	4.61619136
0.02	0.008	1.51353551	1.82654517	1.7136694	1.95728173	1.27632113
0.087	0.09	2.49526054	2.56214214	2.89439952	2.76749379	2.52485359
0.075	0.115	3.01937821	2.97145713	3.50901085	3.57041087	3.12252652
0.016	0.025	1.22128216	1.12385046	1.24555715	1.44692313	1.28675197
0.004	0	0.85719678	0.91181027	0.52451283	0.77965501	0.95162869
0.119	0.082	3.66688575	3.67839258	4.1052962	4.01065782	3.40760778
0.083	0.053	2.52805758	2.54133728	2.89153066	2.63359204	3.63626525
0	0.004	0.08267809	0.2482321	0.07105281	0.17699845	0.5769362
0	0	1.00E-04	1.00E-04	0.0035488	0.01311343	1.00E-04
0	0	0.05809285	0.10286342	0.09494805	0.01599078	0.04444165
0.29	0.344	4.01284514	3.91455676	4.98286424	4.84735065	4.19731933
0.198	0.205	3.0988625	2.94811665	3.85511011	3.8219089	3.58484443
0.504	0.525	4.81566209	4.8023792	5.33878003	5.30879921	5.04449851
0.218	0.184	3.97311984	4.01864416	4.15331776	4.24235115	3.9977665
0	0	0.07224361	0.03216419	0.01755816	0.02492945	0.04444165
0	0	0.13393028	0.19813103	0.14387439	0.15809112	0.06019676
0.004	0.004	0.36663029	0.38468013	0.23856075	0.29156688	0.3464342
0	0	0.12632565	0.10754599	0.09942196	0.10664535	0.18958069
0.024	0.02	0.03181431	0.0148551	0.00142198	0.01054737	1.00E-04
0	0	0.01921165	0.04930719	0.02068956	0.00375486	1.00E-04
0	0	0.03123805	0.02693446	0.00533294	0.01153069	1.00E-04
0	0	1.00E-04	1.00E-04	0.00791113	0.00735339	1.00E-04
0	0	1.00E-04	0.11463053	0.01524563	0.03647497	1.00E-04
0	0	1.00E-04	1.00E-04	0.00151502	0.00401762	1.00E-04
0	0	1.00E-04	0.00597266	1.00E-04	1.00E-04	1.00E-04
0	0.004	1.00E-04	1.00E-04	0.0021713	0.00184759	1.00E-04
0.167	0.119	3.16663712	3.28155101	3.65089809	3.61372742	3.48929352
0.008	0.012	0.87454163	1.33125368	1.256754	1.33652061	1.15217896
0.123	0.049	3.65766422	4.2717191	5.22165127	3.85695253	3.52630163
0.075	0.082	2.71111538	2.6431218	2.38910213	2.48920391	2.84774246
0.21	0.189	3.5141671	3.64255929	3.2497831	3.33851996	3.5137229
0.29	0.27	3.32054778	3.31538786	3.31572009	3.35905546	3.54719751
0.063	0.078	2.64578297	2.37141395	2.57726364	2.60651764	2.72420788
0	0	3.34318923	2.48098802	2.00286092	2.26875565	1.10574272
0.103	0.123	1.44494065	1.79939249	1.01849141	1.304582	0.71797028
0.242	0.16	3.0380697	3.16651455	2.90939533	3.18455884	3.57303286
0.155	0.168	2.37595053	2.220111	2.62958027	2.84458761	4.00579343
0	0	0.0112641	0.0730872	0.04402402	0.0588038	0.0507459
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.075	0.057	2.45509941	2.57785944	2.79658668	2.9084249	2.77498851
0	0	0.29803623	0.27728702	0.09220976	0.08099595	1.00E-04
0	0	1.00E-04	0.02577084	0.06797338	0.07425341	0.05387945

0.008	0.004	0.45867627	0.28901671	0.28612152	0.34298081	0.51876646
0	0	1.00E-04	0.00442807	0.01463107	0.00433886	1.00E-04
0	0.004	0.02585304	0.16365052	0.15372121	0.09642124	0.15358965
0	0.004	0.17172732	0.35451406	0.17486664	0.24352764	0.12396557
0.131	0.131	2.46329215	2.3316771	3.20323593	3.13162602	2.72782826
0.175	0.16	1.6134923	1.74586652	1.58136151	1.56581169	2.36358249
0	0.004	0.05334008	0.09383266	0.04426335	0.05772045	0.06851685
0.028	0.008	2.68033835	2.46106121	3.28882073	3.047784	2.64671851
0.067	0.053	1.73039423	1.85724712	2.51727269	2.40351954	1.92119095
0.179	0.139	3.61239739	3.76997909	3.17912361	3.36032479	3.50405097
0.385	0.32	4.24581709	4.32424819	4.01359657	4.25792662	4.47801005
0.052	0.033	1.61782684	1.66506837	1.90535878	2.00906113	2.19538728
0.317	0.27	4.57839932	4.77060779	4.40448596	4.40702824	5.21965262
0	0	0.6416437	0.38002062	0.52582778	0.30164375	1.00E-04
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.00397487	1.00E-04
0.016	0	3.19481477	2.68840979	3.02034496	3.36835162	3.47547243
0.004	0.004	0.52639831	0.04543917	0.02677294	0.01381786	0.2276301
0.194	0.189	4.53139685	4.74678614	4.56999916	4.68555365	4.75867125
0.024	0.004	0.03810083	0.26177461	0.15011985	0.20554786	0.14212665
0	0	0.29753669	0.19249519	0.0515117	0.05078643	0.26839783
0.063	0.086	3.55368319	3.56791762	3.51834119	3.81579969	3.63079575
0.004	0.012	2.78941441	2.36502557	2.68216895	2.62589253	2.65208649
0.075	0.078	0.0425709	0.15193355	0.13896505	0.1263528	1.71872558
0.04	0.033	1.68063018	1.74662567	2.20161552	2.17092259	2.06035563
0.012	0.008	1.94165074	2.57626526	1.95703169	2.37251204	2.86244105
0.012	0.008	3.23998504	3.32584462	3.66682912	3.73420917	3.78429439
0.115	0.123	1.09612376	1.84999098	0.69016496	1.15340931	3.53759125
0.008	0	1.3679712	1.53185819	1.76275787	1.4733102	1.90494046
0	0	0.18249989	0.18984243	0.20082464	0.46597433	3.35112368
0.083	0.074	0.29856788	0.46924649	0.3657462	0.42207106	2.62494654
0.044	0.025	2.01793204	2.33189968	2.36086125	2.40392646	2.29733384
0	0.004	0.38636917	0.43781799	0.39409834	0.50341337	1.6452455
0	0	2.48565833	2.66607089	2.06232395	2.3700162	2.53961878
0.044	0.057	0.42104081	0.58550326	0.44263739	0.41723493	0.61347256
0	0	1.00E-04	0.03184299	0.00785797	0.0013311	1.00E-04
0.274	0.205	4.71842181	4.67465708	4.7430541	4.51496317	4.71140549
0	0	0.556916	0.65413925	0.75512571	0.40877385	0.45101559
0.008	0.008	1.82891639	1.68412073	1.74529106	1.73327411	1.66801086
0.317	0.266	4.01110558	3.87054056	4.43792865	4.39716779	4.38281582
0.067	0.07	1.57532593	1.93811777	1.80554033	1.74699702	1.43357103
0.238	0.287	3.9301952	3.75737118	4.43622755	4.30452506	4.12679521
0.119	0.131	2.79406	3.06944675	2.78867461	2.98120722	2.79815498
0.774	0.734	6.86875515	6.59798796	6.76861529	6.82854384	6.62771773

0.063	0.053	2.74814626	3.04864287	2.442454	2.62085457	2.80131691
0.234	0.217	3.96830713	3.61056503	4.14279291	4.02191758	4.03229567
0	0	0.1075075	0.04843636	0.05897773	0.06499117	1.00E-04
0.016	0.016	1.33070893	1.55422122	0.65722455	0.85774161	1.03286084
0.079	0.061	2.30288158	2.40140135	2.16975501	2.45024796	2.29651499
0.571	0.553	3.96959842	4.35441869	3.76642882	3.73371896	4.43622287
0.016	0.041	2.42159644	2.55027423	2.28997214	2.4452198	2.87375773
0	0	0.08138701	0.18714642	0.04312552	0.08505636	0.18199023
0.302	0.258	5.44636007	5.51800161	4.97409575	5.08064708	5.61330897
0.008	0	2.34982525	1.97523277	2.19081133	2.26797608	1.09988632
0	0	1.00E-04	0.0188002	0.01068955	0.07901607	1.00E-04
0.004	0	1.12855894	0.83458062	1.35487175	1.19010383	3.30617675
0	0	0.03639411	0.04092339	0.02498534	0.06216103	1.00E-04
0	0.004	0.1702412	0.14481138	0.11101324	0.06333016	0.0886627
0.004	0.008	0.84730414	1.03082133	1.00891793	1.25347442	0.79809292
0.008	0.008	0.65473171	0.85121162	0.54507075	0.76682015	0.71094668
0.06	0.049	2.11752613	2.07388506	2.27800884	2.33175037	2.48287131
0.655	0.594	5.39003304	5.60910899	5.2393943	5.35788517	5.58418358
0.183	0.176	4.02205934	4.07498563	3.93599381	4.21112617	3.83453188
0.087	0.098	2.06839384	2.13751392	2.8474	2.7290074	2.46946741
0.06	0.061	2.21081681	2.34403695	2.10056786	2.25615032	2.04716133
0.687	0.607	5.60799758	6.42832482	5.39174738	5.34706002	5.11675732
0.004	0.004	0.47381171	0.45891799	0.66945243	0.61733099	0.62427669
0	0	0.02888375	0.03872793	0.03343151	0.0255471	1.00E-04
0.107	0.094	2.42717976	2.36601264	3.14014297	3.06794726	2.814326
0	0	0.03370024	0.04206389	0.05133791	0.07216798	1.00E-04
0.175	0.197	3.3668257	3.5869972	3.64572264	3.68510407	3.53198489
0.44	0.344	4.21670398	4.29993665	4.42699782	4.47485806	4.45409489
0.032	0.041	1.0037936	0.93862684	1.05641441	1.23907042	0.76855563
0.048	0.016	4.20053754	4.04637604	4.05087592	4.24702777	4.46017133
0.167	0.098	3.21175725	3.35560557	3.59446395	3.42653986	3.80054768
0.679	0.701	5.37162905	5.38343369	5.4682435	5.4285519	5.49925397
0.095	0.09	2.66089107	2.94362025	2.42849155	2.76760535	3.33752042
0.06	0.074	2.44527611	2.47774851	2.20613743	2.38643297	2.4385399
0	0.004	0.54980807	0.29227928	0.19046973	0.26860343	0.65196637
0.004	0	0.00709521	0.12179733	0.09130337	0.11157037	0.16017446
0.06	0.057	2.88864514	2.76874692	2.76966411	2.97458008	2.72403418
0	0.012	0.72768297	0.53232807	0.52433003	0.71910781	3.63774968
0.06	0.016	3.30866836	3.77196157	3.30419824	3.41035714	3.28708527
0.048	0.045	0.60024975	0.35520819	0.69515319	1.100573	1.09637555
0	0	0.16874718	0.15582711	0.06472633	0.10257539	0.4466851
0	0	0.02751094	0.01195124	0.09353963	0.04552532	1.00E-04
0	0.008	0.06770014	0.15317034	0.08096364	0.09770947	1.00E-04

0.183	0.23	3.67772862	3.58183242	3.28840823	3.59684274	3.74505246
0.167	0.143	3.21189457	3.29892698	3.90502201	3.80118785	3.52588466
0	0	0.20624804	0.42943015	0.14950542	0.13029327	0.0875588
0.079	0.049	2.69190677	2.93873096	2.56345304	2.63672437	2.74800907
0.639	0.611	5.18551081	5.40104454	4.79229581	5.06604023	5.45956245
0.107	0.07	2.71736649	2.52761418	2.5830093	2.79399295	2.69142033
0.19	0.254	3.39512247	3.58039378	3.47433399	3.60941591	3.72783895
0.254	0.238	3.52403952	3.53941821	3.59205347	3.66457156	3.83887833
0.04	0.053	2.08620791	2.09232201	2.34867671	2.41001609	2.09579475
0.004	0.004	0.05417143	0.01787846	0.04223371	0.03839699	1.00E-04
0.127	0.131	4.37931485	4.79845373	4.38778955	4.33086884	4.3134387
0	0	1.00E-04	0.04336643	0.00730918	0.01791132	1.00E-04
0	0	1.00E-04	1.00E-04	0.00185824	1.00E-04	1.00E-04
0.052	0.045	2.18563722	2.38850049	2.5551435	2.61278452	1.71996178
0.024	0.008	0.90697795	1.10971761	0.92430006	0.88235959	1.13542208
0.579	0.5	4.7381291	4.66225446	4.76929597	4.76255421	4.81553785
0	0	1.00E-04	1.00E-04	1.00E-04	0.00181623	1.00E-04
0.139	0.164	2.84356521	2.89654098	2.60273116	2.81824574	2.88950221
0	0	0.19611076	0.22410746	0.22250471	0.21592002	0.10645617
0	0	0.74080114	0.58155864	0.55101645	0.44910955	0.12948789
0.163	0.139	4.27638322	4.20770347	4.03730261	4.05706311	4.18583346
0.012	0.037	2.5480753	2.7008658	2.64792347	2.79900548	3.92989799
0.04	0.041	1.40231021	1.56627014	1.50721345	1.65890233	1.46466465
0.012	0.008	1.18861368	0.98752722	1.44493767	1.46795736	1.53005324
0.016	0.029	4.56732429	4.16045535	3.89577962	4.2132765	3.83843838
0.028	0.02	0.83589538	0.91988383	0.74426566	0.89810307	0.97444541
0.008	0	0.70149715	0.90472074	1.0061553	1.11108492	0.80281938
0.087	0.102	4.64123325	4.55783675	4.73743687	4.85374489	4.54388765
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.00206475	1.00E-04
0.234	0.221	4.11474229	4.72533722	3.85987141	3.99441691	4.24350398
0	0.02	4.25658372	4.01657275	3.27829623	3.62592766	2.49280804
0.008	0.004	0.38005531	0.5991299	0.57868982	0.50952901	0.70271699
0.044	0.074	0.71826113	0.8955191	0.88731424	0.87379431	0.62957334
0.008	0.004	0.09619077	0.10985224	0.12010191	0.12707692	0.15448281
0.25	0.221	3.87277441	4.01546083	3.50203669	3.62669072	4.05594752
0.298	0.299	4.18507488	4.11644482	5.00159451	4.95373335	4.49521501
0.143	0.148	3.58426487	3.64013298	3.62797393	3.74053345	3.49281537
0.004	0.004	0.56304421	0.41070434	0.42682709	0.43296896	3.96494553
0.27	0.225	4.30843511	4.47431892	4.03624103	4.29537121	4.18169587
0.159	0.152	2.88350723	2.7900729	3.19001314	3.19223123	3.05670121
0.02	0.025	1.48221668	2.25234899	1.64801016	1.82364093	1.48517602
0.052	0.098	2.69258982	3.35380739	2.23337499	2.52787638	2.84853233
0.206	0.189	4.393089	4.826783	4.37604242	4.56932592	4.20943759

0.262	0.279	4.20907919	5.39410785	4.00319051	4.39088358	4.54632403
0.21	0.143	2.02964418	3.05557287	2.00423157	2.31812869	2.35975881
0.02	0.045	1.11738465	1.18410263	1.01102803	1.24323202	0.79016431
0.095	0.053	2.38663057	2.55923109	2.53768301	2.75218443	2.65041985
0.056	0.045	2.82251409	2.71986363	3.06986844	3.03041943	2.81494252
0.123	0.107	3.26705551	3.43937768	3.02414429	3.3319128	3.27539165
0.103	0.098	3.04564931	3.13079965	2.8225596	2.94831089	2.99721344
0.762	0.652	5.41094241	5.62984688	5.21863537	5.39650241	5.2155874
0.099	0.09	3.32523453	4.39123958	3.30824272	3.60935533	3.27139235
0.004	0	0.46301342	0.46522125	0.39539731	0.49792143	0.32944948
0.012	0.008	1.31384721	1.33748878	1.61456838	1.68989934	1.62694181
0.012	0.004	2.66846035	2.39340845	2.03871403	1.95378826	0.47640902
0.036	0.041	3.37761255	3.15736233	3.10074312	3.33516903	4.0096515
0.135	0.131	3.33203204	3.24837265	3.79494539	3.81879161	3.72555145
0	0	1.00E-04	0.04066681	0.03573959	0.03952091	0.0494997
0.02	0.008	1.13828454	1.39530156	1.17083727	1.34114653	1.35291221
0	0	0.10614235	0.00995795	0.02665569	0.02436995	1.00E-04
0.004	0.004	0.1261234	0.4774125	0.19816874	0.17701553	0.09245413
0	0	1.00E-04	0.01595741	0.00766612	0.00404025	1.00E-04
0	0	1.00E-04	0.00548296	0.01231218	0.02267022	1.00E-04
0.087	0.139	1.3379401	1.63628591	1.02038122	1.11690369	2.65123377
0.091	0.115	3.40690016	3.94332871	3.67671034	3.44718599	3.48366171
0.099	0.078	2.69212447	2.94225848	3.09651068	2.65119298	3.08154685
0.052	0.078	1.56291053	1.81853044	1.7978413	1.9028957	1.89634429
0.024	0.02	0.36928995	0.37934358	0.33040328	0.41414867	1.17392468
0	0	1.00E-04	0.00517618	0.01226342	0.01220054	1.00E-04
0	0	0.02500138	0.00252797	0.00691703	0.02097054	0.1280621
0	0	0.09336941	0.32647301	0.09680846	0.12153907	1.00E-04
0.008	0.016	0.05267918	0.12763486	0.13868179	0.11548708	0.10910639
0	0	1.00E-04	0.05501331	0.00941627	0.02651741	1.00E-04
0	0.004	0.26289424	0.29721795	0.339484	0.35996798	0.25601534
0	0.008	0.01083074	0.2743769	0.15947599	0.22540366	1.00E-04
0.175	0.164	3.85679398	3.72439806	3.47762962	3.58555662	3.97141723
0.139	0.127	2.58283626	2.52783665	2.28435894	2.45786842	2.62397728
0.095	0.102	2.75691261	2.79926105	3.35118871	3.26759697	2.77096736
0.127	0.148	3.48030979	3.46568985	4.09811556	3.96902988	3.57819723
0	0	0.13814982	0.07434656	0.04676123	0.08115486	1.00E-04
0.167	0.148	3.3082178	3.31153249	3.48892968	3.64749977	3.14388237
0.552	0.586	5.87864319	6.26794532	5.70951126	5.82161306	5.78310701
0.032	0.033	1.22226025	1.24051937	1.03407918	1.52958925	2.5593918
0.04	0.045	2.00750646	2.10504043	2.02358632	2.08735097	2.22691029
0.437	0.311	4.51624007	4.62868643	4.22557761	4.39865439	4.68371997
0.075	0.09	1.87327643	2.39865744	1.79264831	1.56734275	1.90317156

0.286	0.266	3.4091456	3.24882077	3.5225653	3.45411627	3.68710051
0.032	0.016	2.37755392	2.56661402	2.35406963	2.57038361	1.77049579
0.004	0	0.66367157	0.5110371	0.55672436	0.64291479	0.03537833
0.075	0.061	2.98869922	2.84381326	3.76238393	3.55599217	3.00665089
0.091	0.102	2.63195878	2.6584457	2.37057367	2.61966946	2.63143856
0.385	0.48	4.58194921	4.50050431	5.2211055	5.13393449	4.7883397
0.286	0.307	4.38059422	4.2617725	4.37445728	4.44961836	4.60239104
0.004	0.004	0.42159565	0.49152088	0.40722224	0.40313392	0.45136954
0.012	0.025	2.2432488	2.11719395	2.25784522	2.34711943	2.16303203
0.46	0.414	5.57475906	5.62640509	4.97237018	5.25415686	4.95228833
0.095	0.053	2.8067753	3.01900916	2.74672353	2.75683612	2.84841837
0	0.004	1.00E-04	0.05851188	0.02825966	0.03389671	1.00E-04
0	0	1.00E-04	0.00362467	0.00457059	0.00178302	1.00E-04
0.016	0.004	0.76622178	0.6260408	0.59878786	0.64416467	0.90893158
0	0	1.00E-04	1.00E-04	0.0082982	0.00268099	1.00E-04
0.012	0.016	0.69232933	0.65583891	0.60345742	0.81342184	0.62260276
0	0	1.49699616	0.75424691	0.31395177	0.46615754	0.98949644
0	0	0.0280378	0.01840405	0.0151584	0.01615539	0.07919782
0.004	0	0.01393204	0.09711806	0.03316845	0.06428055	1.00E-04
0.016	0.037	5.09822513	5.02793277	3.53130675	3.52493789	1.28175429
0.008	0.016	0.78379013	0.66374006	0.52256933	0.59353736	0.44705158
0	0	1.00E-04	0.01363568	0.02778247	0.05861706	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00515921	1.00E-04
0	0	1.00E-04	0.01886592	0.00451762	0.00836169	1.00E-04
0	0	0.60120931	0.26462297	0.27309249	0.2575643	0.22668749
0	0.004	0.37862393	0.30763167	0.29307819	0.29118267	0.07808106
0	0	0.07329706	0.2393684	0.15074392	0.12827452	1.00E-04
0	0	0.10777537	0.11744083	0.07299377	0.06491081	1.00E-04
0	0	1.00E-04	1.00E-04	0.00204884	0.0047799	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00177289	1.00E-04
0.004	0	0.03659069	0.05479659	0.0521477	0.03925187	0.13178358
0.004	0.004	1.88290898	1.95273627	1.46611466	1.6591677	1.19434916
0.004	0	1.17903362	1.33458715	0.72360134	0.89428384	0.78044817
0.008	0.004	0.98323779	1.30513792	0.83238946	1.05466548	0.71697451
0	0	0.44543386	0.29092265	0.11790371	0.11359297	0.51770436
0	0.012	1.12426792	1.0940257	0.65558733	0.71529229	0.98213134
0.004	0.004	1.08180882	1.09758151	0.51908391	0.67091605	0.55777256
0	0	0.65895572	0.56955294	0.23718056	0.23851481	0.2871589
0.008	0.008	1.49677707	1.61263521	1.19064373	1.24904047	1.38935777
0	0	0.06476347	0.03231894	0.03703129	0.02603511	0.18177467
0	0	0.02183604	0.03742058	0.04463961	0.06487029	1.00E-04
0.012	0.025	1.88410087	1.94757979	1.819056	2.03404114	1.86557611
0.302	0.357	4.90065928	4.80649647	4.51266813	4.9187956	4.41801503

0.329	0.275	4.55157454	4.48758302	4.26630615	4.37572719	4.55388137
0.028	0.029	1.91745931	2.12527294	2.62683293	2.43268158	2.00383578
0.012	0.008	0.77421755	0.88396886	0.89600543	1.14630719	0.96010108
0.075	0.045	2.83518436	2.86913518	2.45202538	2.65902512	2.89036947
0.44	0.381	3.72556787	3.99969057	3.52002668	3.66813306	4.18152076
0.04	0.041	1.99093047	1.9228724	1.76130174	2.02280292	1.90962863
0.167	0.18	3.33394233	3.39400317	3.251571	3.47182661	3.58239709
0.079	0.078	2.34940509	2.34358619	2.4014466	2.45771892	2.58154685
0.032	0.082	2.57694013	2.71393619	3.04530053	3.19995588	2.7272682
0.004	0	0.0189953	0.17080449	0.17324527	0.18291268	0.05764793
0	0	0.231417	0.32376889	0.24405748	0.33083576	0.45124352
0.563	0.492	4.99490594	5.06100822	4.69174908	4.84280074	4.90741671
0.246	0.225	3.86802706	3.93718864	4.21623713	4.21352587	3.83774336
0.437	0.389	4.4433516	4.53537937	4.41954335	4.57824504	4.51130933
0.091	0.127	2.30076322	2.36587088	2.16184289	2.34554337	2.33491095
0.143	0.07	2.60390721	2.76437473	3.14046892	3.20292685	2.89329474
0.306	0.27	3.79519666	3.74927306	3.85618593	3.92565587	4.02637646
0.167	0.168	4.0931636	4.07112952	3.71419306	3.82350604	4.17150684
0.583	0.59	5.13981912	5.34192294	4.48356606	4.68801708	4.74189079
0.107	0.057	0.61010545	0.85520691	0.69242354	0.60881124	0.92984853
0.04	0.045	1.77130186	1.77798338	1.64217364	1.76314454	1.85288892
0.171	0.18	2.62124541	2.74651044	2.29339086	2.51360336	2.87139689
0.024	0	0.9359358	1.01180283	1.44569723	1.54251301	0.70262228
0	0	0.17574295	0.18601403	0.20533144	0.2160681	1.57657649
0.067	0.049	2.8099288	2.37292045	2.23629777	2.51655077	2.27963327
0	0	1.00E-04	0.02773742	0.00921292	0.01719148	0.04406128
0	0	0.00752088	0.07154533	0.2292263	0.09325597	1.00E-04
0	0	1.00E-04	0.00334854	1.00E-04	0.00250663	1.00E-04
0.044	0.029	0.04823074	0.06567679	0.02148169	0.02697721	0.23154183
0	0	0.06802102	0.12654845	0.09164489	0.10036052	0.10549811
0.004	0.008	1.09500845	1.32245439	0.89727947	0.94092652	1.09171003
0	0.008	3.33302941	2.70852224	1.76462405	1.51879355	0.36507048
0.119	0.123	2.67011791	2.85951836	2.54914554	2.79612934	2.51428962
0	0	0.03873995	0.02079518	0.03745592	0.02282501	0.03040705
0.075	0.094	2.365761	2.49723528	2.20484408	2.35347386	2.46578568
0.159	0.143	4.07894744	3.61136144	4.56589237	4.52350875	4.01602026
0.028	0.02	0.52645369	0.67458945	0.7847231	0.83894104	0.90393234
0.095	0.115	4.13139524	4.04991884	3.90671937	4.0529952	4.01207665
0	0	0.21672088	0.14081758	0.11230017	0.14220874	0.17170926
0.067	0.041	2.08039479	2.18067833	2.44750597	2.39700566	2.02533974
0.131	0.168	3.26097052	3.13042223	3.6460406	3.62172938	3.5726216
0.004	0	0.06769831	0.07335491	0.06533931	0.05133483	1.00E-04
0.008	0	1.00E-04	0.01826218	0.01038068	0.01593795	1.00E-04

0.381	0.385	4.16186522	4.17292512	4.54361595	4.54402674	4.33984316
0.155	0.131	3.49478779	3.32812373	3.51886022	3.60713163	3.43952684
0.004	0	2.04694769	2.46883053	2.10133533	2.20116094	2.60750435
0.167	0.123	3.1236631	3.06994391	3.89731312	3.80676862	3.3537347
0.028	0.02	0.8289378	0.97541202	1.22169309	1.21840858	0.86083152
0.282	0.303	5.03442785	4.74044822	5.00912395	5.21089518	4.75866172
0.27	0.23	3.64707082	3.63212028	4.4252406	4.35835876	3.90712774
0.25	0.197	3.70498598	3.72563564	4.32448177	4.30819422	3.88954205
0.425	0.439	5.1690408	5.18576654	4.93678044	5.06350939	5.05218288
0.155	0.152	2.99991558	3.06521681	3.41115861	3.33822597	3.16471622
0.071	0.107	3.99204643	4.0284332	4.26993501	4.19739814	3.90442408
0	0.004	0.02187523	0.02704152	0.01838696	0.0145961	1.00E-04
0.083	0.061	2.40811942	2.51016254	3.02057332	2.94557658	2.57536651
0	0	0.40081202	0.40822316	0.24075017	0.26780241	0.38847624
0.012	0	0.32965045	0.38186705	0.32313836	0.36774473	0.17381365
0.067	0.049	2.4409252	2.48319205	2.66805655	2.67349488	2.55922275
0.004	0.004	0.49021176	0.60936877	0.41827855	0.43862554	0.78019288
0.024	0.012	3.22093702	3.48065874	3.01791953	3.21075555	3.20018511
0.004	0.012	0.81106942	0.37127602	0.16864764	0.19157194	0.50809235
0.012	0.025	3.30586237	3.37442606	2.90476488	2.92914901	3.22087592
0.004	0.008	0.84774814	0.55156199	0.37473033	0.39094194	0.82493594
0.651	0.574	6.22535773	6.34379256	5.91254846	5.99702022	5.47648302
0.266	0.234	3.81785993	4.00068686	3.8555495	4.02037061	4.15457483
0.345	0.258	2.44410078	3.13809754	3.14820868	2.36078569	5.15379515
0.004	0	0.14425886	0.21247355	0.15364478	0.1645401	0.08655482
0.266	0.23	2.13555062	1.82081173	1.30434661	1.71111269	2.57481514
0	0	0.64496486	0.89012946	0.96729559	0.7080943	1.06974141
0.004	0.004	0.61290473	1.05385727	0.99481928	1.23742802	1.23009156
0.004	0.004	0.05041398	0.0974026	0.06296689	0.04866953	1.00E-04
0.004	0	0.72868498	0.82715705	0.49799224	0.53741682	0.14604489
0.179	0.156	3.06718221	3.25768287	3.01659658	3.13811098	3.23491232
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.012	0.33403217	0.43111221	0.60574107	0.68811479	0.65555886
0.647	0.643	3.62350657	3.81971894	3.29148659	3.54328491	4.40411074
0.044	0.066	1.94212622	1.98278372	1.47867369	1.77081025	3.14823453
0.448	0.434	5.61405363	6.00772494	5.4462695	5.4470852	5.24833549
0.036	0.02	3.09581883	3.41914386	2.60739896	2.83892908	3.31136496
0.111	0.119	0.12865422	0.05955789	0.05680842	0.08879658	0.58330738
0.075	0.053	2.3631505	2.53233777	2.9009065	2.99724723	2.26370358
0.04	0.029	1.00E-04	0.04698785	0.02338829	0.03384012	1.00E-04
0	0.012	0.57913788	0.55544925	1.01710426	1.17974182	2.80980116
0.056	0.057	5.97707578	6.46540526	5.4547399	5.6499556	5.47033566
0.067	0.053	0.22807115	0.34458605	0.18366688	0.21542137	0.4374302

0	0	0.18471261	0.09132211	0.05850631	0.0439299	0.14181787
0	0.008	0.07674615	0.08863199	0.09989046	0.11456985	0.05194323
0	0	0.06375539	0.03241971	0.02426085	0.03123212	1.00E-04
0.123	0.115	3.34852061	3.21536139	3.80727991	3.73556216	3.56793635
0.147	0.074	2.80398463	2.58065556	3.30316942	3.15149477	3.14229026
0.143	0.102	4.22570703	4.43116869	4.08786447	4.04039383	3.76041195
0.016	0.004	0.55543881	0.40995162	0.34974346	0.50683665	0.57179732
0.429	0.418	4.73247249	4.47749867	4.76800387	4.71322928	5.10309786
0.119	0.127	3.49199438	3.2904525	3.83671524	3.65887432	3.854037
0.024	0.008	2.27053097	2.3039934	1.92093228	1.87164098	2.49013272
0.302	0.238	3.77864536	3.41692528	4.08472872	3.91774086	4.27306728
0.032	0.029	1.47173574	1.2417264	1.44780076	1.58286524	1.6340742
0	0	0.08106126	0.03961702	0.01665567	0.00837499	0.05143388
0.171	0.168	3.42426162	3.38589948	3.03570795	3.14686438	2.84068204
0.012	0.008	1.42061051	1.43252427	1.95019971	1.98916765	1.18679361
0.091	0.102	1.49727083	1.47861923	1.24034641	1.38956305	1.83221172
0.004	0.004	2.27409137	1.83788539	1.99998065	2.33865513	2.50437318
0.083	0.066	4.82082039	4.72473188	4.8079285	4.85252745	4.28541551
0.262	0.205	2.70179011	2.55476459	3.22330443	3.13663615	2.96857515
0	0	0.03464188	0.22080198	0.10033546	0.07948425	1.00E-04
0	0	0.01598052	0.06262355	0.15432464	0.08141788	0.45509805
0.218	0.246	5.4187856	5.66634967	4.91844022	4.97121319	5.62067837
0.056	0.029	2.81614124	2.67789144	3.01021046	2.99466111	2.8428102
0.024	0.061	1.41068025	1.26964694	1.37419557	1.3834175	1.91090315
0.004	0.008	1.47011359	1.15697456	1.18746612	1.51210743	0.98470171
0.23	0.205	3.90456796	4.12300992	3.86507821	3.95976469	4.06627007
0.004	0	0.42300791	0.59129923	0.95473797	0.62536946	0.77281216
0.119	0.139	3.12020652	3.3083655	3.08389849	3.33230906	3.11233612
0.107	0.139	2.93355619	2.76381963	3.6465056	3.68352587	3.24490355
0.587	0.484	5.28623408	5.41220296	4.9760086	5.02436574	5.3884203
0.44	0.402	4.35364918	4.51925882	4.00798679	4.11169704	4.72649505
0.159	0.139	3.66470935	3.99019809	3.63775364	3.77774838	3.83400419
0.25	0.287	4.61502916	4.83485185	4.30624325	4.44478179	4.68591752
0.194	0.221	3.76487787	3.81891392	3.55897156	3.7337005	3.87510103
0.063	0.057	2.9321874	2.66396584	3.09281492	3.22102786	3.71438965
0.107	0.082	2.69454804	2.70356584	3.47555552	3.36482945	3.05549027
0.06	0.037	2.99433164	3.21840295	2.70028574	2.94580102	4.38811763
0	0	0.02056182	0.14074471	0.10494777	0.11125925	1.00E-04
0	0	1.00E-04	1.00E-04	0.02582629	0.03449719	0.18796171
0	0	0.35183767	0.36919292	0.35805164	0.4873976	0.3637292
0.579	0.41	4.56264629	4.62113282	4.0838744	4.24641665	4.76989258
0.024	0.008	0.43965083	0.67618228	0.75484853	0.97978036	0.48248164
0.194	0.094	2.236133	2.58016657	2.29109691	2.36337377	2.30366858

0	0	0.02817981	0.26885254	0.15306327	0.2147674	1.00E-04
0.25	0.217	1.90347278	2.54165537	1.78238502	1.45986781	1.87120322
0	0	0.09507333	0.17176745	0.07453958	0.12870459	0.24932133
0.016	0.008	1.2030547	0.86954659	1.03408384	0.83756116	1.88804496
0.123	0.148	3.85482823	4.22312004	3.44863517	3.49476245	4.48720059
0.028	0.012	1.88024295	1.44155963	1.50847005	1.88013159	2.25116006
0.004	0	0.02350185	0.01840723	0.0254685	0.00275711	0.06962287
0.139	0.152	3.53215425	3.28943281	4.25675062	4.44591766	3.60108679
0	0	0.21569422	0.18926788	0.17826578	0.17592959	0.18469088
0.377	0.406	6.57960776	6.54645844	6.52288784	6.60131186	6.43210179
0.063	0.041	3.12282944	3.09456398	3.49245513	3.48321953	2.79677548
0.052	0.037	2.16359227	2.24071197	2.37300505	2.2708555	2.36902996
0	0	1.00E-04	1.00E-04	1.00E-04	0.00314614	1.00E-04
0	0	0.10622888	0.03151892	0.01495619	0.02883948	1.00E-04
0.452	0.299	5.51593499	5.39592491	5.66530863	5.09673303	5.91186183
0.095	0.131	2.81614286	2.55625467	2.40059546	2.63161396	3.69483973
0.004	0.012	2.03909777	2.30980712	2.04486448	2.16580622	2.03285988
0.044	0.037	1.79285619	2.08078564	2.40165903	2.32941917	1.84012257
0.075	0.078	2.63911743	2.77026227	2.64698049	2.82466493	2.77204309
0.04	0.037	2.31924799	2.29170622	2.38670152	2.33024369	2.3125209
0	0	1.00E-04	0.00549321	1.00E-04	0.0048355	1.00E-04
0.175	0.115	4.3066424	4.45690361	5.08456562	4.9885774	4.40096568
0.254	0.189	3.88633912	3.93844329	3.53335075	3.91203891	4.45274793
0.052	0.049	2.90835203	2.74103332	2.30515606	2.65044594	3.53469956
0.119	0.184	2.23660364	2.56340741	1.86862909	3.01501857	2.28023819
0.004	0	1.00E-04	1.00E-04	1.00E-04	0.00478257	1.00E-04
0.024	0	0.430331	0.68790838	0.49454268	0.57711174	0.05626356
0.036	0.029	2.02503101	2.17645195	2.32221307	2.41879912	2.52142681
0.349	0.316	3.86652037	3.87953348	4.70276741	4.54999769	4.32933828
0.075	0.074	2.66749881	2.61436839	3.00686267	3.04785661	2.83537259
0.159	0.164	3.1148779	3.15421198	3.03907172	3.28780263	3.15588702
0.044	0.053	2.11129441	2.29364894	2.19790202	2.4824908	2.33579185
0.012	0.016	1.1091596	1.00033765	1.38020071	1.36218389	0.92682132
0.024	0.029	1.021571	1.00633927	1.17234699	1.27612118	1.02339197
0.004	0.008	1.66046921	1.67374265	1.87731426	1.98371409	1.65200162
0.008	0.004	0.9339206	0.9406231	1.21724338	1.17160996	0.8436326
0.115	0.098	2.94043545	3.00309699	2.83456532	3.00603019	2.96304457
0.306	0.287	5.0248796	5.35323943	4.68507141	4.87593865	4.67730704
0.163	0.123	4.07248006	4.02422195	4.51220596	4.73222898	3.80373513
0.044	0.025	3.08772616	3.02390057	3.25851839	3.33546115	2.96495892
0.123	0.123	2.60189101	2.6268029	2.77079322	2.89263347	2.63027121
0.103	0.107	2.6614992	2.79116736	2.68988846	2.8985433	2.59983307
0.107	0.09	2.45787484	2.52970972	2.3836178	2.5899309	2.33453549

0.016	0.012	1.50286661	1.5299051	1.55975644	1.64900959	1.3735109
0	0.004	0.31028321	0.25942302	0.23672739	0.28130922	0.12601368
0.071	0.082	2.7226883	2.75151033	2.7049265	2.9110111	2.85498453
0.147	0.123	4.08043751	4.06825178	3.65980958	3.88486417	3.76811732
0	0	0.03496098	0.02152188	0.12117117	0.25908185	0.16177828
0.012	0.025	2.9869247	2.74740442	3.66510265	3.43214033	2.95661177
0.179	0.16	3.78602008	3.93185479	3.96088453	4.04473661	3.84533555
0.369	0.352	5.14120932	5.23189473	5.61845841	5.62601205	5.22573518
0.103	0.082	2.290561	2.28967301	2.83767333	2.75956665	2.5092845
0.734	0.742	5.37074033	5.36808441	6.36535697	6.24494348	5.58521043
0.179	0.143	3.61267338	3.5335687	4.35765669	4.24799733	3.83210856
0	0	0.32445353	0.17613584	0.16165617	0.18823402	0.0719681
0.004	0.012	1.79013578	1.75707288	1.81319503	2.00855974	2.08550415
0.19	0.238	4.75707633	4.76358017	4.49983464	4.58578363	4.81860448
0.02	0	1.77051381	1.88509404	1.56009798	1.95051441	2.22917722
0.111	0.115	3.66308269	3.44854861	3.97914654	3.96431023	3.8482955
0.028	0.016	0.79007398	0.64616509	0.84626131	0.94065715	0.9635451
0.246	0.258	2.6587947	3.03461775	2.75341624	2.72054623	3.36598768
0.607	0.611	5.9897704	5.80091401	6.55814014	6.53307077	5.95903633
0.048	0.045	2.00112424	2.40512635	2.41960763	2.57484274	2.36295796
0	0	0.27603815	0.32112028	0.38214379	0.49169545	0.44235016
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.075	0.094	2.55134004	2.41360516	2.26312315	2.80533552	2.89038762
0.004	0.008	0.38754879	0.48551199	0.44310162	0.55494404	0.50484852
0.02	0.037	1.72446851	1.53126529	1.5814113	1.62923489	1.98893237
0.131	0.131	3.36944702	3.15394409	2.75733748	2.61286588	2.99629767
0.044	0.053	1.87423269	1.99572525	1.90631831	2.04440481	2.26715431
0.036	0.061	1.62662811	1.76572919	1.75297183	1.8866653	1.50055203
0.032	0.025	1.60560963	1.70718778	1.34071489	1.55290234	1.49304932
0	0.008	0.35374297	0.47575264	0.28684454	0.5327858	0.54815517
0	0.004	0.2261288	0.35898985	0.55809293	0.51456917	0.28790995
0.008	0.004	0.4009768	0.40152118	0.56693916	0.62485355	0.68760705
0.004	0.004	0.05869691	0.14192917	0.07844526	0.11518698	0.14003717
0.008	0	0.00658758	0.06858561	0.0836785	0.05631751	1.00E-04
0.111	0.135	4.50546234	4.45913164	4.66862637	4.75799612	4.50999477
0	0	0.04372919	0.01408403	0.07516646	0.03034156	1.00E-04
0.044	0.107	0.07589751	0.18459647	0.12598436	0.17957923	1.00E-04
0.127	0.09	3.36989254	3.42776789	2.95896609	3.33427484	3.39590566
0.337	0.307	4.3660135	4.20211044	5.22146804	5.11674195	4.58224297
0.179	0.18	3.76819468	3.71403331	4.53081631	4.48867356	3.9772582
0	0	0.10538911	0.0738965	0.08638636	0.1745631	1.00E-04
0	0	0.06004647	0.08019329	0.17843776	0.10379301	0.04298493
0	0	0.17438782	0.09714204	0.02870246	0.01484895	0.92076934

0	0	1.00E-04	0.00850531	1.00E-04	1.00E-04	1.00E-04
0.206	0.23	4.48638964	4.35707402	4.31409945	4.45431039	4.11351537
0.183	0.168	3.12484418	3.2610849	3.59111154	3.66305488	3.42185336
0.091	0.07	3.40853525	3.17885934	3.37613352	3.49073253	3.24074481
0.183	0.139	3.52529598	3.50967102	3.48137542	3.55348001	3.30992009
0.008	0	2.42693812	2.40473218	1.438386	1.72407824	0.8126425
0.143	0.098	2.94120802	2.92105609	3.48869123	3.50668587	3.26476266
0.06	0.086	3.17746234	3.07238259	3.27146836	3.36671803	2.80306781
0	0	0.07744199	0.05582539	0.03532322	0.06660042	0.17993311
0	0	0.09757092	0.10960788	0.14640095	0.1661325	0.11662912
0.071	0.074	1.89583738	2.07192236	2.45622717	2.25826026	2.27015672
0.123	0.168	3.480573	3.27390056	3.7213171	3.61941575	3.54159696
0.21	0.205	3.73650654	3.72273428	3.73543786	3.81470734	3.94767615
0.095	0.086	3.95300279	3.99752168	4.33332739	4.36884848	4.39852653
0.444	0.373	4.16014561	4.65629301	4.14464859	4.33527174	4.20331088
0	0	0.49921953	0.32700937	0.30181203	0.40089008	0.23929309
0.401	0.344	4.35652488	4.98810897	4.22789056	4.42174208	4.62833127
0.19	0.189	3.03275151	2.95836645	3.45892053	3.39056896	3.03224399
0.127	0.127	3.57319348	3.68230325	4.34997735	4.20740218	3.76037958
0.044	0.037	2.1785829	2.25273645	2.65093417	2.60126615	2.39746621
0.087	0.066	1.42657605	1.49485278	1.58780198	1.68374277	1.70072438
0.095	0.119	4.58200512	4.78524796	4.28714808	4.38557561	4.43175496
0.583	0.492	4.57354677	4.76883707	4.15867278	4.36439087	4.45574288
0.008	0.012	0.61925603	0.87083876	0.90243641	0.94325057	0.91830353
0.004	0.004	0.70059062	0.7467987	1.081786	1.06695236	1.03809567
0.012	0.004	1.60395023	2.05148959	1.44643982	1.54972425	1.46590084
0.115	0.139	2.62048545	2.67219332	2.71712695	2.67509805	2.54928811
0.218	0.16	3.11683045	2.80437234	3.01930023	3.06096892	3.34157488
0.222	0.172	3.67403831	4.22930777	3.71768806	3.9058576	3.68402967
0.139	0.156	2.58258288	2.69502387	2.29168103	2.64957259	2.69290486
0.012	0.004	2.18868494	1.73427069	1.70880975	1.8815284	1.59506138
0.468	0.439	4.54087654	4.73767955	4.23958489	4.43313904	4.65188478
0.143	0.16	0.86289143	1.09551618	1.23233378	1.26473112	1.74386761
0.107	0.172	3.03526714	3.05865537	2.66843882	2.69545262	3.23256151
0.52	0.492	5.08974992	5.38353195	4.87789019	4.94774628	5.16091817
0.286	0.275	4.27293761	4.4061421	4.01632756	4.09070928	4.27848488
0.575	0.557	4.66475042	5.01239144	4.18705499	4.51447735	5.11055945
0	0	0.20900755	0.35978805	0.29136443	0.26117414	0.52507763
0.083	0.078	2.27558134	2.22655304	2.6839843	2.62575467	2.53394702
0.008	0	1.9539318	1.48700382	1.4752891	1.18247973	1.02493162
0.413	0.336	4.26058313	4.32718035	4.0012056	4.10905262	4.32690091
0.194	0.213	3.10885251	3.11903016	3.82221664	3.76480799	3.35367959
0.167	0.148	3.43846864	3.44122917	3.5068973	3.54152651	3.71289028

0.024	0.033	1.58698441	1.57106341	1.54114051	1.71192895	1.60884779
0.167	0.135	3.22131542	3.4159725	3.00482951	3.16171241	3.24346146
0.016	0.02	1.90637672	2.05584631	2.48121321	2.32548023	1.72631809
0.667	0.57	5.52180624	5.68803092	5.18272352	5.24872842	5.66759352
0.044	0.057	2.98671397	3.02350598	2.55397517	2.81335777	2.8703193
0.083	0.029	2.39865665	2.36267009	2.16219982	2.40653276	2.45487694
0.274	0.23	3.66337719	3.95244773	3.39880721	3.58984646	3.84078857
0	0.012	1.02014298	1.19385702	1.31748003	1.49729031	0.86182376
0.139	0.119	2.77873521	2.75174102	2.93252502	3.05648346	2.96870288
0.02	0.02	2.38123621	2.44663728	2.70564434	2.18637392	3.0179247
0.036	0.02	3.5961039	3.39704417	4.37223568	4.14550536	3.15139794
0.044	0.016	4.14900007	4.02242598	4.63190397	4.51771619	3.53749766
0.016	0.004	2.17166971	2.16143557	2.08529889	2.23315369	1.88357506
0.056	0.053	1.83117446	1.9934606	1.44508296	1.39084333	1.76170083
0.04	0.045	0.58507497	0.75182092	0.59696045	0.6429721	0.37469421
0.353	0.402	5.24879786	5.27637176	4.7380947	4.94300589	5.5396695
0.175	0.152	3.10432636	3.29315068	2.75200098	2.82699488	3.31507167
0	0.008	1.00E-04	0.09554572	0.05031483	0.05852874	1.00E-04
0.06	0.045	1.51942023	1.64924109	2.18706451	2.24447492	1.81011121
0	0	0.0164254	0.0162857	0.04851377	0.06043063	0.05667114
0.206	0.172	3.92336728	3.8689625	4.76338871	4.68160334	4.09569645
0.135	0.172	3.18235408	3.23912368	2.99395264	3.18567585	3.42000476
0.198	0.193	3.33771076	3.54104148	3.13882211	3.3019193	3.60580039
0.187	0.27	4.00140695	4.14489158	3.61828137	3.84189622	3.96789605
0.032	0.049	1.97702855	2.1181679	2.50762416	2.54806622	1.95839275
0.016	0.012	1.0031576	1.09289232	1.0338792	1.01743114	1.55561648
0	0	1.00E-04	0.06059516	0.03241209	0.02347404	1.00E-04
0.103	0.066	2.37454653	2.35029463	2.2230511	2.58334759	2.32709607
0	0	1.00E-04	0.03682115	0.00760671	0.00778425	1.00E-04
0	0	0.03694183	0.13951873	0.02137476	0.07492399	0.04444165
0.004	0	0.17146091	0.22608239	0.07905243	0.24686934	1.00E-04
0.147	0.07	5.68173619	5.65821003	5.40680987	5.72376523	5.79860392
0.29	0.221	3.60856176	4.27659397	3.32448074	3.58360378	3.42729521
0.175	0.23	4.51807687	4.59599546	4.14458681	4.37636647	4.4934885
0.087	0.102	3.62018966	3.9378174	3.68755906	3.71871657	3.55119201
0	0.004	0.12397705	0.07747132	0.03552709	0.06040272	0.04962565
0.556	0.492	5.35109633	5.57388711	5.03551973	5.24420362	5.34670826
0.202	0.18	4.1605698	4.10143629	3.80049711	4.02558756	3.56724626
0.044	0.037	1.28406406	1.38238411	1.54066346	1.52366703	1.27418663
0.052	0.07	2.30602735	2.4908842	2.35827953	2.41617775	2.52582928
0.321	0.291	4.34654706	4.5748465	4.07219175	4.21874135	4.52250552
0.762	0.668	6.04576685	6.16053581	5.84918923	5.81823418	6.35157609
0.02	0.004	1.81933132	1.86883605	2.10185474	2.03867957	1.84060743

0.012	0.004	2.71187872	1.80772699	2.11848035	2.0244908	5.18974572
0.008	0	0.35406939	0.5575128	0.43175717	0.50139396	0.39749331
0.167	0.135	3.15640024	3.15142448	3.11134186	3.20633071	3.77982803
0.016	0.004	1.07014186	1.16368431	0.89948852	0.96531556	1.57718978
0.004	0.012	1.00E-04	0.04084557	0.05166735	0.09450555	1.00E-04
0.052	0.029	0.81105639	1.33020293	1.70041491	1.66224529	0.6759111
0.063	0.066	2.35792729	2.68357272	2.65152097	2.6261709	2.60407825
0.099	0.135	2.70494311	2.80752495	2.7920952	3.02810154	2.80298313
0.063	0.074	1.32919417	1.27974585	1.65753308	1.66899763	1.6499401
0.163	0.176	3.26310735	3.25989469	3.65560486	3.74924842	3.16921646
0.131	0.115	3.22666978	3.10171652	2.94537307	3.18566981	3.10362602
0.02	0.012	1.21030106	1.11471371	1.03108342	1.24260552	1.19426825
0.175	0.143	3.06114706	3.15193202	3.13370422	3.14665246	2.96834396
0.087	0.111	3.64816422	3.60381989	3.41386228	3.6418771	3.4666165
0.016	0.041	1.50675398	1.55596713	1.54266168	1.74682705	1.20248556
0.083	0.119	3.66506781	3.7153911	3.19023349	3.37515015	3.63811734
0.028	0.025	1.63768088	1.48799229	1.81668492	1.88701333	1.68782746
0.06	0.07	2.82022509	2.67730354	3.29423729	3.32709633	2.65430253
0.008	0.02	0.92058475	1.21108753	1.12010189	1.32901954	1.28764496
0.012	0.004	0.62902431	0.6690523	0.70679462	1.1587289	0.22710656
0.111	0.074	3.08140159	3.24670788	3.31055796	3.32811682	3.09210691
0.083	0.07	3.03274488	3.35904788	3.4351816	3.54922919	2.67611414
0.175	0.143	3.55591384	3.81390889	3.39636206	3.56758816	3.53770572
0.024	0.025	1.96379089	2.13297637	2.10095496	2.12881109	2.25141918
0.012	0.008	0.70998332	0.65082296	0.81328369	0.80150278	0.87803363
0.075	0.09	2.53476894	2.4955762	2.67385225	2.73049811	2.650335
0	0	1.00E-04	1.00E-04	0.04028265	0.03546232	1.00E-04
0	0.004	0.06465545	0.18268587	0.10839455	0.08522403	0.20843091
0.206	0.172	2.90293412	3.08515712	3.44744459	3.50800066	3.03365936
0.004	0.004	0.33335014	0.58562618	0.58129952	0.58925397	0.14752241
0.008	0.008	0.28834591	0.29643274	0.32491212	0.30373887	1.00E-04
0.361	0.279	4.26567479	5.02451726	4.15573416	4.2923619	4.5686571
0.226	0.213	4.72446613	4.88892824	4.47364833	4.58810738	4.67906695
0.103	0.111	1.04160821	1.06119487	0.85534317	0.88873311	0.9539584
0	0	0.39641711	0.3103774	0.22076745	0.30555929	0.49284332
0.262	0.209	4.02340057	4.13815399	3.65354197	3.86573265	4.199773
0.091	0.09	3.20427431	3.26369366	2.79354432	2.82287697	3.17821811
0.135	0.152	5.31644237	5.58249664	5.04007643	5.25349031	5.59633139
0.579	0.598	2.68395391	3.25445518	2.84492069	3.08433292	3.46674523
0.187	0.176	4.06256361	4.21431715	4.08955662	4.20909292	4.31902334
0.111	0.111	3.19919586	3.27568343	3.4183619	3.63670029	2.60544341
0.599	0.578	4.36880045	4.56126619	4.20034417	4.38549109	4.58970996
0.028	0.053	2.63312201	2.63876748	2.77005166	2.86461838	2.71486693

0.008	0.029	2.63947745	3.06229246	2.36819047	2.45680409	0.84902497
0.111	0.086	3.22876493	3.41943136	3.05886617	3.11351499	3.22336049
0.607	0.594	4.99834023	5.2011476	4.72684383	4.68418244	5.49457659
0.063	0.066	3.08103762	3.2672911	2.55199587	2.61416548	3.08500503
0.254	0.234	4.30327163	4.29359888	3.8573038	4.03253877	4.39400228
0.052	0.029	4.63576031	4.64862529	4.99277325	4.91544433	4.62861886
0.099	0.074	1.73727441	1.98124273	2.39137105	2.23364906	2.08204089
0.004	0.008	0.29684283	0.20852365	0.46725181	0.44764142	0.31763644
0.075	0.049	0.61682336	0.71603129	0.48703881	0.50973631	0.8879654
0.06	0.041	1.93517393	2.45323202	2.52997216	2.44815069	3.1925497
0	0	0.06613725	0.05714401	0.05639548	0.12024379	1.00E-04
0.179	0.168	3.20184817	3.23603947	3.97461245	3.85506785	3.29693334
0.071	0.086	2.57609985	2.71554238	3.38820724	3.23862787	2.8176214
0.087	0.078	2.93051145	2.89113016	3.27692344	3.38625966	2.97298271
0	0	0.19305782	0.12149364	0.13176368	0.13696265	0.13616472
0.067	0.07	2.59056669	2.48731752	2.47454983	2.59092404	2.66199768
0.004	0.004	0.1970312	0.17090938	0.2760724	0.4832743	0.10051157
0.841	0.82	5.06447928	5.33612884	4.80794074	4.89038626	5.35425058
0.135	0.078	2.91922548	3.06838293	2.76282177	2.92289616	3.00075934
0.095	0.102	2.29328295	2.48255497	2.44826843	2.52120229	2.3299072
0.024	0.029	2.43931297	2.35177295	2.83028477	2.75458361	2.7569513
0.004	0.012	1.07490199	1.11665698	1.23514456	1.30008636	1.49704629
0.198	0.238	3.64640036	3.96493071	3.44062528	3.75996022	3.98893026
0.02	0.029	4.12381059	3.83208061	3.31258529	3.35208724	2.78375099
0.071	0.07	3.28640842	3.30391376	3.26656533	3.33176438	3.67043873
0.032	0.012	0.36362042	0.62312171	0.32353003	0.3075656	0.67188393
0	0	0.53438501	0.71607561	0.58830125	0.71323532	0.70669761
0.008	0	1.69383874	1.86645828	1.40231326	1.70469089	0.74936923
0	0.008	0.1947505	0.25945736	0.222826	0.4547193	0.20212892
0.139	0.098	3.3103559	3.35656023	3.10972625	3.30972755	3.46119008
0.127	0.127	2.90558106	2.91348638	3.37387043	3.44665655	2.75888387
0.214	0.135	4.67123875	4.71909205	4.47046509	4.60408571	5.55601737
0.317	0.275	4.2906646	4.47238861	4.18748947	4.21113025	4.42814887
0.956	0.906	4.89866674	5.01565448	4.62479978	4.729971	4.63387833
0.048	0.07	1.18389043	1.36050471	1.39408551	1.29364648	2.18548794
0.206	0.209	2.97674829	3.16004853	2.96213174	2.72756646	3.90110653
0.012	0	3.07283746	2.53537876	2.37903952	2.75031873	0.71483052
0.107	0.115	3.18677998	3.15123913	3.0772961	3.26717024	3.29578742
0.004	0	0.30926617	0.07124984	0.21466542	0.09576132	1.00E-04
0.012	0.012	3.0296734	2.8065407	2.37953963	2.59877297	1.86215396
0	0.008	0.55097595	0.54746169	0.39863395	0.36252416	0.50013281
0	0	0.06396706	0.06008494	0.0237093	0.06530588	0.04625257
0	0	1.00E-04	0.08590411	0.03062681	0.01225235	0.11758614

0.016	0.008	0.78963779	0.80434662	1.06695404	1.06541686	1.02772842
0.433	0.447	4.59117378	4.6464427	4.54390384	4.64440556	4.69352553
0.036	0.012	1.04867345	1.17681699	1.23532738	1.47830512	1.1258387
0.04	0.066	2.05183505	2.15400667	2.05926611	2.28323814	2.04131798
0	0	0.01848531	0.027076	0.00126922	0.01703185	1.00E-04
0	0	0.14114937	0.19778501	0.1285091	0.17061377	0.66138911
0.012	0.033	1.94393366	2.11368734	2.18637259	2.37750747	2.06974349
0.024	0.049	0.62167661	0.71204661	0.66786054	0.76544435	1.9985487
0	0	0.30182737	0.42679836	0.51899224	0.46776069	0.03253275
0.147	0.119	2.24974069	2.57597076	2.40895166	2.66532195	2.72166182
0	0.004	0.75184842	1.07085155	0.73065949	0.74243611	0.54957338
0	0.004	0.0093425	0.00431448	0.04576932	0.07048127	0.10618824
0	0	0.19014116	0.09793955	0.1057552	0.0934166	0.09243561
0	0.004	0.11862202	0.30992772	0.13560129	0.2520138	0.34920291
0.056	0.029	2.74960416	2.66226488	2.48521177	2.80732429	2.85340285
0.048	0.066	3.73185495	3.86667269	3.44668162	3.74774297	4.84163174
0.028	0.016	1.45116395	1.81879655	1.4965059	1.76977929	1.79475284
0	0.004	0.16306014	0.26515391	0.1754001	0.16806125	0.09482963
0.306	0.25	4.95091153	4.88934071	5.3177745	5.2316857	5.04905277
0	0	0.1921683	0.12015391	0.12220498	0.18303956	0.42848236
0.234	0.262	3.57223534	3.78955647	3.77866591	3.86719935	3.83828515
0.571	0.516	4.92110822	5.27580982	4.59896777	4.77444156	5.04185317
0.004	0.004	0.51916983	0.37201877	0.31658806	0.38940686	0.80954366
0.198	0.152	3.63798691	3.6866292	3.35467436	3.485892	3.82123391
0.012	0.025	0.92754313	1.18286621	1.15795696	1.23727058	1.0219907
0	0	1.00E-04	1.00E-04	0.00667755	0.01033264	1.00E-04
0.016	0.012	0.4032673	0.34365022	0.20166771	0.33973343	0.82183847
0.008	0.008	3.29604131	3.36318068	2.91190608	3.14432717	2.92821525
0.008	0.004	1.12692194	1.67954938	1.85826168	1.77244917	1.60633234
0.091	0.029	3.13693199	3.38283788	3.63503513	3.63813096	3.04354095
0	0	0.09163882	0.18020562	0.08959949	0.07249023	1.00E-04
0.056	0.082	4.51261789	4.73409828	4.60216003	4.9086604	4.44982671
0	0	1.00E-04	0.0414288	0.04027818	0.10750598	1.00E-04
0	0.004	0.05335993	0.14951065	0.24519152	0.57187936	0.26613516
0.008	0.004	0.77471341	1.70998732	1.37182239	1.5852349	1.67647412
0.016	0	0.95534108	1.39754608	1.30532142	1.15372325	1.07694321
0	0	1.00E-04	0.00336818	0.0102273	0.01982058	1.00E-04
0.052	0.07	4.78811007	5.17228536	4.58895206	4.77389245	4.70891433
0.04	0.029	1.6035111	2.00986809	1.55980208	1.69980578	1.81925234
0.004	0	0.02157645	0.02607466	0.00498677	0.01144678	1.00E-04
0	0	1.00E-04	1.00E-04	0.03733599	0.02548482	1.00E-04
0	0	1.00E-04	0.01437109	0.02015035	0.02190808	1.00E-04
0.004	0	0.15658453	0.40009229	0.18607493	0.18605075	0.21323768

0.052	0.029	3.17982113	3.27642613	3.07974119	3.25978374	2.71845471
0.016	0.004	2.7665772	2.64216429	3.06544286	3.03925632	3.23907815
0	0	0.3375172	0.31729631	0.29538553	0.35483487	0.62131915
0.171	0.16	3.2722941	3.53541039	3.16388095	3.46219707	3.43865172
0	0	0.01548047	0.02578064	0.03192841	0.0412912	1.00E-04
0.012	0.012	0.37200338	2.00280929	0.67277127	0.5315097	0.15650769
0.369	0.361	4.19641381	4.89778243	4.99220255	4.86328149	3.30764983
0.202	0.201	2.96590642	3.57172246	3.83835427	3.83634504	3.50289252
0	0	0.11961406	0.12533265	0.05900379	0.07684189	1.00E-04
0	0	0.17425261	0.13677438	0.10991812	0.11949527	0.33683976
0.409	0.283	6.21380916	6.90717679	6.90084792	6.79157131	6.55536378
0.028	0.004	1.13150111	1.16280854	0.7039437	0.80470738	0.95528251
0	0	0.15895453	0.08004959	0.08941765	0.09526567	0.20872737
0	0	0.07962747	0.01481796	0.01039587	0.02648401	1.00E-04
0.016	0.029	0.66272842	0.90582266	0.65813209	0.75077778	0.91652288
0.123	0.086	3.52372446	3.93360271	3.32066938	3.55951904	3.63690782
0.028	0.025	2.13606649	2.36248277	2.40652306	2.29126793	2.30934368
0.004	0.008	0.12075091	0.4605512	0.17090637	0.26529656	0.07941135
0.06	0.025	2.95614417	3.0951045	3.79659321	3.73877334	3.53435476
0.075	0.053	5.34565923	5.47292913	5.63278665	5.4204596	5.49719891
0.016	0	0.99387325	0.7590763	1.10666626	1.06422515	1.03138753
0.036	0.025	2.44348345	2.55052215	3.21493716	3.10210684	4.13872238
0.012	0.049	2.31232503	2.44483767	2.50096233	2.63133735	2.70380451
0.135	0.164	3.04274589	3.05992116	3.09223218	2.9567862	4.56753361
0.107	0.164	3.59496643	3.26568923	3.44042558	3.64047868	4.13101965
0.016	0.029	2.43748466	2.48651456	2.63794091	2.6927037	2.61036946
0.004	0.004	1.13131677	1.50139457	1.44486703	1.16818746	0.80714916
0.044	0.037	3.69263998	3.14392808	3.41803649	3.7214007	3.71888546
0.008	0.008	0.17901122	0.34067835	0.14643526	0.16671512	0.05903162
0.071	0.049	1.6456433	1.87739273	1.59369171	1.78860662	2.05417366
0.016	0.016	0.91391825	0.96489419	0.74959998	1.06043099	0.70958259
0.218	0.213	0.74339452	0.75021955	0.65172592	0.67505871	0.82598756
0.464	0.402	4.56750474	4.63857786	4.12476746	4.2302723	5.03288042
0.008	0.008	3.71871677	3.83434616	3.17480985	3.37859488	2.52470485
0.004	0	0.02172643	0.03818485	0.06740299	0.02532994	0.08165667
0.032	0.078	3.9120994	4.26933479	3.55004396	3.47044993	5.03213606
0.659	0.57	3.91454038	4.13427677	3.446668	3.7774143	4.51353098
0.02	0.025	0.68111999	0.64302486	0.6342355	0.61420235	1.39447698
0.067	0.049	1.26027477	1.11124169	0.92035566	1.03294883	1.19856737
0	0	0.02116508	0.04949513	0.04052332	0.05608056	1.00E-04
0	0	0.0809614	0.05543405	0.02939535	0.04817283	1.00E-04
0.04	0.057	5.19881233	5.31157943	4.81479206	4.90876754	4.82203665
0.016	0.012	2.29185747	2.32663331	2.37119439	2.59419798	2.43373235

0.298	0.32	3.45944446	4.14423118	3.72128225	3.75906555	4.00437905
0.004	0	0.07310812	0.02773924	0.10268584	0.10584628	1.13615967
0.012	0.012	0.41962494	0.54011027	0.33306261	0.34561305	0.40369314
0	0.004	0.15330046	0.04121254	0.03716419	0.06312159	0.13520621
0.298	0.246	4.77619802	4.81758662	4.68255179	4.80455024	4.97965345
0.083	0.037	4.59766634	4.99862962	5.42118883	4.86527678	4.98765188
0	0.004	0.30780075	0.42425465	0.55226821	0.62601118	2.37315861
0.262	0.242	3.37355018	3.34436699	3.16453686	3.27901006	3.35807905
0.48	0.516	4.40160081	4.57101324	4.27417541	4.41330561	4.74734847
0.099	0.102	2.6723116	2.91030291	3.13505389	3.05263242	2.82729062
0.008	0	1.61653227	2.80509471	1.64190729	1.73636041	0.71565074
0.238	0.262	2.78797873	2.88827532	2.72295778	2.84769116	3.67772636
0.004	0.008	0.88524241	0.75503485	1.01492435	0.59496617	0.67423363
0.004	0.008	1.0049788	1.08749347	1.03895644	1.02965031	0.83910448
0.04	0.016	2.34235171	2.25057057	1.96402104	2.15197497	2.19254464
0.012	0.004	0.65836324	0.90907449	0.70308048	0.8828652	0.72500267
0.159	0.131	4.53025236	4.73739247	4.98826377	4.85523813	4.52136513
0.004	0.004	0.43517053	0.69116143	0.3111099	0.23758835	0.85803763
0.091	0.078	0.92453613	0.99086377	1.25349664	1.14365425	1.32939363
0.139	0.172	3.46902697	3.43837671	3.46446711	3.63054309	3.85021985
0.317	0.381	2.7736727	3.10585679	2.01320164	2.1281739	2.30119862
0.024	0.025	2.88589306	3.28813142	3.80698168	3.16295669	3.80499249
0.052	0.053	0.91463199	0.8145966	0.94159362	1.10019553	1.12859911
0.004	0	0.06825584	0.24734025	0.18540773	0.15399615	0.28989172
0	0	0.13377705	0.22281798	0.08338852	0.1099197	0.05253243
0.004	0	0.12822832	0.14566329	0.12096295	0.14817788	0.18492645
0	0	0.4818855	0.7158459	0.64573635	0.77649696	0.74080955
0.067	0.041	1.73645972	2.00625842	2.40688951	2.36902638	1.69854163
0.004	0.004	1.65252909	1.77257515	1.1890814	1.2543464	1.05639264
0.016	0.016	4.88972376	5.05238629	4.28452688	4.37558157	3.31455378
0.004	0.008	0.60843026	0.4266617	0.61915444	0.670342	0.49144497
0.147	0.168	2.75504069	2.874829	3.57977138	3.46614493	2.97514243
0.143	0.201	3.80819868	4.09747751	3.66318666	3.95547124	3.79485996
0.206	0.168	3.9903672	4.17758906	4.15249808	4.24760331	4.33347892
0.234	0.193	3.70680392	3.95495627	3.40116062	3.70758792	3.88672567
0.012	0.02	0.6374188	0.5634643	0.23566971	0.30102871	0.5680916
0.095	0.127	2.89917704	3.10007434	3.48387011	3.35970026	4.13891501
0.079	0.102	3.35217565	3.41432746	3.55781654	3.69981356	3.42384826
0.02	0.016	2.25725967	2.88534302	2.07799237	2.15439824	2.22932578
0	0	1.00E-04	0.01479893	0.02520971	0.03830312	1.00E-04
0	0	0.02350185	0.0357072	0.02647632	0.02033952	1.00E-04
0.155	0.164	3.51682135	3.7079198	4.15401136	4.22260275	3.52305767
0.02	0.033	1.10150571	0.96428471	0.79302563	0.87506422	0.81253113

0.028	0.078	2.3143951	2.52803612	2.80337273	2.85671445	2.50300306
0	0.008	0.19333661	0.25975001	0.19469033	0.21985575	0.14108638
0.004	0	0.74628676	0.55511552	0.4095999	0.30046452	0.33062848
0.052	0.037	2.32844667	2.50116958	2.46667598	2.52501964	2.00320315
0.012	0.008	2.16304307	2.08917156	2.58194994	2.00797778	2.56803137
0.028	0.041	2.19316641	2.18401158	2.30364916	2.07513296	3.00888748
0.008	0.02	0.69243339	0.78391603	0.73580947	0.80907856	1.1328655
0.004	0.004	1.00E-04	0.05185201	0.06683568	0.07747756	0.08926624
0	0.004	0.3157977	0.4647222	0.49531782	0.43834493	0.76323914
0.02	0.008	0.16444303	0.25284575	0.26616925	0.23229692	0.18424173
0.024	0.016	3.38715267	3.41006631	3.46466671	3.43911757	3.30928973
0.02	0	3.4498448	3.5389475	3.20032004	3.12064798	2.26728343
0.032	0.025	2.38996221	2.4233777	2.81921809	2.69132721	2.49126658
0.401	0.43	3.51051599	3.38924528	4.35745385	4.25828888	3.94428887
0.087	0.102	3.67658249	3.6014609	3.81203755	3.91343463	3.30371681
0.095	0.074	3.47277563	3.87085215	3.33528989	3.54283663	2.87077608
0.135	0.123	2.79625525	3.22572323	3.00751712	3.11039774	2.45017909
0.02	0.008	3.78708027	3.78193135	4.14733359	3.94224666	1.70388275
0.004	0	0.10551795	0.08729411	0.06999633	0.11837153	0.47813101
0.04	0.07	2.75284772	2.79376708	2.79816403	2.9445562	2.93301198
0.02	0.016	0.75182399	0.84970277	1.10200954	1.05073685	0.92512047
0.008	0.008	0.88918054	1.09370261	0.97727084	1.0071313	0.25146294
0	0	0.1934564	0.23861833	0.14546093	0.14739792	0.25131667
0.004	0	0.63411963	0.75122672	0.59728728	0.70196776	0.81073404
0.012	0.02	0.72396278	0.72533347	0.65880312	0.92535366	1.13408279
0	0	1.00E-04	0.01753549	0.00739567	0.01154791	1.00E-04
0	0	0.07342851	0.06960824	0.03394877	0.04991121	0.26320698
0.127	0.107	2.65094466	2.67405008	2.91005843	2.9145425	2.78030971
0.016	0.008	0.79755727	1.22631963	0.63131232	0.68938482	0.72793729
0.012	0.025	3.71601481	3.65133292	3.51786771	3.64223001	2.55508648
0.099	0.115	4.37244853	4.5782567	4.32404986	4.47279043	4.40461269
0	0	0.04306831	0.06535524	0.09596976	0.04538548	0.04444165
0.052	0.057	0.73903983	0.97933594	1.28703817	1.2398908	0.88922506
0.004	0.008	3.41650167	3.42012742	3.06953686	3.29327327	1.74461021
0.004	0	1.00E-04	0.04263754	0.00593051	0.0325702	1.00E-04
0.04	0.016	3.44597271	2.78597313	3.97472505	3.63910185	3.8883576
0	0	0.6578746	0.55265924	0.71773635	0.75004193	1.65264117
0	0.004	0.23121442	0.31390331	0.50989435	0.45226068	0.88431465
0.294	0.303	7.87845354	8.18544227	7.52988821	7.75527807	7.95444416
0	0	1.72016874	1.81405337	1.71558195	1.8048486	1.90495629
0.044	0.074	2.59984414	2.95608159	2.42130254	2.41856749	3.13897216
0.02	0.016	1.57349674	1.85231387	1.78368745	1.77600939	1.73727638
0	0.004	0.62099532	0.63340305	0.87807964	0.83206013	0.87223178

0	0.004	0.19494511	0.30945124	0.12903661	0.13517502	0.04012068
0.024	0.029	1.22418291	1.42391181	1.37460441	1.26039185	3.20216227
0	0	0.10226106	0.04408619	0.04430094	0.08677488	1.00E-04
0.242	0.258	2.62351991	2.82444215	3.05210301	3.05701275	5.31841564
0.075	0.066	3.48454769	3.28200782	3.59615331	3.65954385	3.52139645
0	0.004	0.20514687	0.22226473	0.36602538	0.31653469	0.35985047
0.123	0.123	0.73779037	0.84205525	0.73561731	0.75781883	1.28738118
0.091	0.074	3.37168511	3.55007582	3.87702111	3.44341754	4.24313902
0.06	0.033	0.44338588	0.64877336	0.84748208	0.81192357	0.60427323
0.159	0.16	2.67537146	2.98706012	2.86131779	2.7923617	3.52743192
0	0.004	0.08593184	0.13530868	0.21310361	0.16205746	0.13392198
0.063	0.09	2.82349058	4.1173505	2.72231995	3.21814479	2.95780716
0.056	0.053	1.8084064	2.03986023	1.74280175	1.98598052	1.8099803
0.139	0.172	3.0716216	2.94649821	3.1652892	3.2524585	3.3631742
0	0	0.36753752	0.39308232	0.25782082	0.46536146	0.20899158
0.008	0.02	1.11149874	1.24468038	2.63477949	2.08128599	2.47580565
0.107	0.09	2.62616041	2.5604768	2.93483072	2.95703925	2.81717414
0.159	0.168	3.35978	3.40254541	3.91567192	3.81498581	3.62706883
0.214	0.201	3.36730927	3.1371473	2.88295002	3.05306925	3.2635622
0.036	0.045	1.97669648	2.08303169	1.87162034	2.08664113	2.06981183
0.087	0.078	3.33358427	3.34661	4.07704459	4.09342575	3.56025179
0	0	1.00E-04	0.00769374	1.00E-04	1.00E-04	1.00E-04
0.607	0.627	4.61915933	4.54784681	4.66967227	4.6935626	4.71936697
0.103	0.119	3.02046831	3.12184412	3.72119611	3.62806657	3.16762711
0.167	0.156	3.23580267	3.26398143	3.34840493	3.43100903	3.42682601
0.004	0	0.16256053	0.16479572	0.10578962	0.09146414	0.12215348
0	0	0.04647147	0.07936043	0.0242119	0.03892686	1.00E-04
0	0	0.08731276	0.08435874	0.13185037	0.10878712	1.00E-04
0	0	0.0606584	0.00273922	0.00954499	0.0271242	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.067	0.057	2.41955701	2.30308351	2.79571199	2.79336268	2.46749049
0	0	1.00E-04	1.00E-04	0.01390984	0.00160519	1.00E-04
0	0	1.00E-04	1.00E-04	0.00483578	0.02089695	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00162133	1.00E-04
0	0	0.03856367	0.09467975	0.06022046	0.122426	1.00E-04
0	0	0.01048154	0.06124369	0.01973134	0.05129697	1.00E-04
0.012	0.008	0.40880958	0.29421027	0.18937782	0.12098474	0.4424137
0.333	0.434	3.85084467	3.77176512	3.7978673	3.95833718	4.15377042
0.147	0.09	2.89216045	2.93549059	3.11419733	3.20405883	2.99192394
0.004	0.012	0.06043102	0.09778707	0.06451603	0.0432252	0.04209384
0.036	0.02	2.71867257	2.08646062	2.95029714	2.90245849	2.96464614
0.008	0.004	0.12185148	0.25188311	0.11652133	0.13046883	0.05867888
0.075	0.053	3.61922539	3.98792436	4.05085706	3.94564239	3.50146796

0	0	1.00624268	0.58160829	1.16838228	1.81697724	0.23488443
0.016	0.012	2.3973242	2.54321585	2.00497203	2.37635841	1.89239847
0	0.004	1.00E-04	0.00685918	1.00E-04	0.00290924	1.00E-04
0.111	0.164	4.34211638	4.28087968	4.24165341	4.33688554	4.23735807
0.27	0.295	4.4878964	4.38684123	4.35242311	4.58079161	4.14942143
0.187	0.168	3.63247777	3.7556294	3.61169075	3.68213744	3.96291224
0.024	0.025	2.15548468	1.78678254	2.21226966	2.15179602	2.22770903
0.163	0.16	3.3289576	3.80833426	3.21558617	3.45490061	3.44388842
0.524	0.574	4.51981696	4.15808226	5.07724648	4.71715719	4.87923478
0.143	0.279	3.73720257	3.70855314	4.07440205	4.09885644	3.73157746
0.012	0.012	1.58360761	1.65903874	1.6201386	1.75339732	1.66817922
0.206	0.189	3.24413852	3.40132029	3.13292726	3.0913895	3.54608056
0.111	0.086	2.3302324	2.59904134	2.31189358	2.57372205	2.71551386
0	0	0.4186796	0.50434597	0.25029303	0.29593506	0.89681311
0.02	0	2.55416782	2.90886894	2.26266496	2.35979878	1.10747967
0	0	0.98333956	0.5125624	0.88238116	1.00206929	0.57189527
0.004	0	0.39757107	0.29613459	0.17655302	0.15404553	0.10069441
0.071	0.094	3.05322593	3.07263569	3.00074866	3.21736109	2.9415268
0.012	0.02	1.00601507	0.95174823	0.97395175	1.13375947	1.15434684
0.087	0.115	2.78562241	2.58973585	2.7904308	2.82359054	2.96310656
0.103	0.127	2.67897467	2.68862262	2.85273538	2.93206105	2.81203268
0	0	0.97480912	0.89787763	1.06675334	1.13180118	1.00131439
0.02	0.012	0.51221568	0.74436607	0.48808024	0.66264707	0.90435433
0.27	0.332	4.45836917	4.72106558	4.26328768	4.50599325	4.50514998
0.099	0.094	3.55261444	3.71835027	3.10384578	3.35691842	3.67924981
0.036	0.041	1.47857031	1.67002419	1.66819214	1.64227456	1.92216583
0.071	0.123	2.86479663	2.92752301	2.8858518	2.93292365	3.01297528
0.056	0.053	3.00263647	3.03290285	3.49796366	3.45374778	2.70324858
0.206	0.143	4.74114929	4.67715921	4.47293657	4.51510587	4.64984997
0.218	0.168	3.59988412	3.84960377	4.60070405	4.50340952	3.91848314
0.095	0.057	2.47619003	2.63852897	2.95284887	2.97545389	2.50377793
0.095	0.074	2.87377057	3.00376703	2.83549182	2.94572112	3.1120157
0.02	0.033	1.142583	1.05848404	0.79475196	0.99625456	1.34712095
0.008	0.029	1.3313666	1.38594026	1.27041919	1.57493431	1.40539407
0.115	0.152	2.61467648	2.40274976	2.96704174	2.92201181	2.7532815
0.226	0.254	3.25790089	3.51291746	4.15513584	4.00455479	3.57678958
0.139	0.127	3.02183506	3.02564327	3.29457598	3.32649451	3.225285
0.123	0.098	3.49723507	3.45494615	3.45902681	3.29930318	3.82229769
0.115	0.131	3.09611327	3.13136289	2.96155089	3.22526934	3.09692725
0.032	0.053	2.27213341	2.26510318	1.96586458	2.15468148	2.19048901
0.222	0.221	4.29347983	4.44592075	3.97151201	4.08989677	4.30824612
0.04	0.07	2.47072391	2.61806504	2.59741185	2.73907044	2.39534644
0.008	0.008	0.55516752	0.55835214	0.52899458	0.6085909	0.51675644

0.004	0.008	0.89663567	0.76808527	0.80892459	0.81103285	1.34654562
0.008	0.008	1.09633213	1.00333963	0.87121246	1.06023651	1.30068111
0.067	0.057	3.20078917	3.3937552	3.07347404	3.21522398	3.22615974
0.143	0.119	3.00515289	3.31177177	2.92310616	3.07786589	2.95943488
0.143	0.127	2.2916742	2.27496024	2.56716639	2.75142318	2.7479415
0.282	0.258	3.63623991	3.83870098	4.57135525	4.45790435	3.75046307
0.063	0.107	2.34866035	2.09822626	2.90900843	2.84675333	2.46814213
0.329	0.225	4.19353603	4.36592067	4.38942139	4.39470206	4.33686402
0.226	0.254	3.60135619	3.49805946	3.50781932	3.66770805	3.71215713
0.067	0.07	1.98289237	1.93126734	2.28796087	2.28670873	2.23109702
0.226	0.23	2.4781703	2.54082687	3.07211142	3.0839033	2.69404997
0.183	0.143	3.78205344	3.7523382	4.23822287	4.15930673	3.63265481
0.218	0.197	3.46659155	3.60718995	4.25156308	4.0693574	3.66951903
0.087	0.086	2.76145604	2.84860532	3.55874848	3.50507302	2.93737369
0.19	0.164	2.67006784	2.72897747	3.46588787	3.39467612	2.82974141
0.147	0.164	2.65712418	2.76977472	3.45854947	3.33878283	2.9068233
0.25	0.283	3.68464908	3.66394544	4.60096815	4.43994477	4.03297569
0.194	0.164	3.26519554	3.47529089	4.12683502	4.05047116	3.46114707
0.286	0.307	3.98022991	3.94128482	4.91329222	4.69606879	4.34111405
0.075	0.061	2.57190763	2.66051926	2.83876822	2.96580913	2.75017198
0.147	0.131	2.80520881	2.9701072	2.71049228	2.94718814	2.90312736
0.107	0.086	3.20292298	3.36528634	2.79535694	2.96177629	3.35507188
0.091	0.094	2.479425	2.55086143	2.69406831	2.78304267	2.40790232
0.044	0.025	2.0639835	1.93730608	2.42747244	2.34807223	2.20740935
0.167	0.119	2.90980661	2.91139084	2.79481322	2.98970606	3.15324032
0.024	0.049	1.60314361	1.63823409	1.82700171	1.94545262	1.623888
0.175	0.143	3.32777619	3.36854233	2.85304356	3.04748811	3.05047447
0.214	0.254	3.39437591	3.45399471	3.93379387	3.92779814	3.58403283
0.083	0.127	2.56700637	2.58666972	3.07481281	3.1098951	2.88038178
0.147	0.139	2.11583086	2.32969932	2.91832679	2.92698142	2.47174936
0.056	0.053	2.14166592	2.27482975	2.38964286	2.43005256	2.18440341
0.127	0.119	2.74425043	2.80250279	2.87095284	3.00191987	2.83385663
0	0	1.00E-04	1.00E-04	0.00894153	0.00574998	1.00E-04
0	0.008	0.01006692	0.02605746	0.05928845	0.07257354	1.00E-04
0.036	0.041	2.35195034	2.5040031	2.70804944	2.74622106	2.22586914
0.02	0.029	1.55327663	1.62416608	1.84120814	1.97898531	1.37264107
0.139	0.107	2.62774303	2.58075139	2.58894879	2.86150193	2.56366554
0.306	0.184	4.12081035	4.22684697	4.94786152	4.94542483	4.36176908
0.048	0.057	2.22922216	2.56389214	2.09553544	2.16399767	2.08411201
0.024	0.016	2.58412161	3.02242999	2.37557242	2.51016677	2.32855817
0	0	1.00E-04	0.09365644	0.04274374	0.05223329	1.00E-04
0.067	0.037	3.31855873	3.7959363	3.83510082	3.8168131	3.15466102
0.028	0.02	1.97352361	2.25639642	1.98862201	2.15206095	2.04694512

0.028	0.041	1.41647603	1.41601611	1.3475069	1.52074913	1.73308839
0.044	0.033	1.89588922	1.95949485	2.47896417	2.48414047	2.41400136
0.075	0.053	2.5423755	2.34038442	3.41563473	3.37804087	2.80570275
0.048	0.049	2.20122234	2.22637979	2.56365601	2.57395226	2.22293221
0.008	0.004	0.4821743	0.45035602	0.31667206	0.3280109	0.54596768
0.008	0.004	2.66660648	2.72125712	3.20382697	3.26839575	2.1591766
0.107	0.074	4.7576262	4.90743857	4.77257752	4.84585664	4.68312781
0.004	0.008	0.15863881	0.36013153	0.4152787	0.37534651	0.39729394
0	0	1.00E-04	1.00E-04	0.001917	1.00E-04	1.00E-04
0.151	0.164	4.13578537	4.20879751	3.81445722	3.9935529	4.01540349
0	0	0.04949231	0.09034187	0.04759025	0.10418237	1.00E-04
0.004	0	1.00E-04	0.07141247	0.01113042	0.03225546	1.00E-04
0.361	0.279	4.30138971	4.67143211	4.06965786	4.35629378	4.34305696
0.028	0.049	0.97224184	0.98385584	0.644363	0.78640593	1.89393241
0	0	0.04571951	0.04941231	0.07735058	0.11018759	0.0655208
0	0	0.01917694	0.0171736	0.03013096	0.01673613	0.05331929
0	0	0.01292273	0.1388484	0.05472517	0.05326191	0.21942579
0	0	1.00E-04	0.0868487	0.01108521	0.01260934	1.00E-04
0.02	0.016	1.09169815	1.06340593	0.48118586	0.64751995	0.79607861
0.028	0.033	0.18797355	0.25766499	0.16822672	0.17197331	0.34333434
0	0.004	0.16360461	0.20034636	0.15614596	0.22369326	0.40033798
0.032	0.033	0.4598346	0.88346489	0.80917229	1.00491857	0.91675636
0.143	0.164	2.89882862	3.08977718	3.47202871	3.38498702	3.34617885
0.202	0.225	3.72486824	3.85497304	3.78852356	3.90174007	3.94884208
0.083	0.098	2.33982846	2.36410498	2.66296662	2.67887268	2.61654466
0.056	0.053	3.05425534	3.20344366	3.00279795	3.13897306	2.60994973
0.143	0.119	4.88442982	4.81621579	4.66356544	4.83758923	5.04781491
0.313	0.27	8.2764163	8.5405598	8.06117548	8.09103094	7.78300995
0.004	0	0.19349451	0.37529481	0.27959102	0.2988752	0.19890845
0.032	0.045	3.66248026	3.89542432	3.42816315	3.61716028	3.76525381
0.079	0.086	2.16430967	1.80714542	1.84178101	2.06551786	2.15991012
0	0	1.00E-04	1.00E-04	0.01126852	0.00211056	1.00E-04
0.044	0.094	2.42780525	2.5352591	2.6273781	2.93052201	2.48415485
0.123	0.123	3.17222242	3.14159639	3.71556339	3.76080967	3.39200453
0.298	0.197	4.75546032	4.87829913	5.5470257	5.40954814	4.70432533
0.028	0	0.70799664	0.87214556	0.62349154	0.80854166	0.47992524
0	0	0.07738715	0.14459161	0.08788225	0.07257684	0.10049283
0.167	0.156	4.13940184	4.24057264	4.03856965	4.02287149	4.33930994
0.004	0	0.68567465	0.41451677	0.42702688	0.38612755	0.3054542
0	0.008	1.69159718	1.8974337	1.67529755	1.9032677	1.19296881
0	0.012	2.65668165	2.18915832	2.20815976	2.51590396	2.7475286
0.103	0.135	3.25278333	3.44183555	2.93423344	3.05014525	3.3426135
0.028	0.029	3.15271985	2.93315513	3.16733952	3.25970862	3.25262382

0.464	0.455	4.73307915	4.86414872	4.6136886	4.77898299	4.71343324
0.496	0.426	4.11283162	4.1974112	4.58181963	4.52244176	4.45804298
0.472	0.48	4.50658478	4.42487111	5.23953582	5.15285919	4.83678114
0.008	0.008	2.26758458	2.67801821	2.40275933	2.63462502	1.51365546
0.071	0.09	2.2750786	2.04118546	2.72903156	2.38520571	2.33895163
0.063	0.098	2.57434808	2.53006657	3.02454263	2.97217972	2.59073132
0.036	0.008	2.72135305	2.80731667	3.48865158	3.42167385	2.71496062
0.488	0.451	4.54525627	4.7511061	4.75859682	4.83807565	4.59007614
0.083	0.086	2.56504494	2.57719521	3.20562288	3.18126544	2.78629592
0.04	0.061	2.09443207	1.91866939	2.46743171	2.51413552	2.15524436
0.107	0.094	2.83668801	2.70598576	2.38007165	2.53547571	3.01612552
0.147	0.123	2.91979252	2.78057242	3.64779009	3.62722618	3.23515331
0.27	0.258	3.2292967	3.20364283	3.18126516	3.29604099	3.7016159
0.028	0.037	2.94568866	3.03675229	2.8390103	2.89425818	2.65564318
0.048	0.041	1.79808101	2.23410226	1.76191845	1.90367403	2.24447775
0.218	0.225	4.39796305	4.36812346	4.1711901	4.32282296	4.43221885
0.016	0.02	1.47354525	1.3205133	1.13001948	1.40482522	1.29995681
0.187	0.246	3.94889648	3.99480634	3.58095917	3.71471242	3.99820987
0.433	0.34	4.59611265	4.69820282	4.20102096	4.39449309	4.51953084
0.194	0.184	3.38051174	3.39206362	3.07789329	3.32382966	3.51099114
0.016	0.029	2.50138259	2.42912586	2.32186122	2.32517328	4.44618296
0.048	0.029	2.5885518	2.52220694	2.51600545	2.6289652	2.95039129
0.294	0.287	3.81417159	3.80407968	4.15723976	4.21920551	4.17855624
0.083	0.086	4.72781092	4.64495667	4.31905442	4.41812715	4.62143439
0	0	0.07610245	0.3457195	0.19086167	0.19967136	0.68221053
0.139	0.205	2.26405671	2.90316926	2.349635	2.33965278	2.56508546
0.131	0.111	4.03622753	3.89230774	3.44871868	3.62437144	4.46876775
0.044	0.061	2.25097121	2.15350385	2.70833489	2.81735076	2.74052941
0.012	0	0.82600113	1.36587486	1.39492579	1.23082837	0.91364576
0.167	0.102	4.09666878	4.12751358	3.84028316	4.08499549	4.13794592
0.036	0.045	1.69035323	1.65452412	1.99779373	2.00318733	1.96202324
0.254	0.238	3.7399352	3.70273494	4.53292293	4.47808848	3.92334668
0.536	0.451	4.60990571	4.73157295	4.80484463	4.74577273	5.06914986
0.238	0.299	3.73550751	3.65564289	4.28067379	4.24880539	3.851866
0.31	0.254	4.11717624	4.27874057	4.18471519	4.16970353	4.49897776
0.127	0.09	2.79171729	2.78717188	3.27332618	3.22819537	2.86512689
0.821	0.799	5.42043136	5.57046211	5.24656031	5.31534758	5.57947697
0.302	0.303	4.67820284	4.86295925	4.22419796	4.35526148	4.62572113
0.008	0.008	1.66513838	1.60240359	1.62290029	1.4749508	1.23031843
0.286	0.242	4.95326776	4.98864961	4.61718041	4.92904488	4.08684076
0.008	0.025	1.40237842	1.44818366	1.37935622	1.43488299	1.07428893
0	0	0.08176725	0.0403271	0.09946004	0.12320796	1.43740764
0.337	0.357	4.39059674	4.41663978	5.18386997	5.20758978	4.61857781

0.012	0.012	3.19843684	3.70222544	3.30468444	3.45773625	2.64158413
0	0	0.05223732	0.07383639	0.04987283	0.1075889	0.04594565
0.167	0.148	4.72779005	4.94893608	5.31588697	4.56506627	5.33015706
0.194	0.152	3.74721673	3.74269759	3.94219989	3.67460085	3.7572506
0.024	0.012	2.26917182	2.16050341	2.29537164	2.46906409	2.27061154
0.591	0.574	0.77793526	1.1346614	0.77043876	0.67952142	2.67782575
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.214	0.23	3.08764765	3.09310085	3.51503659	3.46120021	3.36458053
0	0	0.90106933	1.345785	1.08654089	1.1391667	0.51087431
0.004	0	0.0263939	0.02168899	0.03722782	0.02884884	1.00E-04
0.004	0	0.04666059	0.08827639	0.04664504	0.02168051	1.00E-04
0.25	0.266	4.06517878	4.19387375	4.2398706	4.30082503	4.12549349
0.183	0.209	3.40185938	3.4525467	3.17772551	3.34685667	3.47721743
0.016	0.029	1.37851271	1.20582513	1.53539469	1.52131616	1.08100038
0	0	0.04088185	0.07932667	0.06585814	0.03768328	0.46072545
0	0	0.02646497	0.13816015	0.04733282	0.05473309	0.14419863
0.194	0.23	2.45210922	2.51524261	3.13917639	3.24439015	2.38586986
0.024	0.004	1.45285037	1.24046743	0.86712212	0.98077287	0.34642137
0.083	0.123	3.1600343	3.12835915	3.02340092	3.12512369	3.13585709
0	0	1.00E-04	0.00462913	0.01267212	1.00E-04	1.00E-04
0.024	0.02	0.85663333	0.79626106	0.74144625	1.00673696	0.64913957
0	0	0.10298845	0.14476552	0.16045116	0.21892303	0.0373073
0.024	0.061	1.59644903	1.78632807	1.93907039	1.9530171	1.34173914
0.036	0.078	2.12723011	1.93641924	2.28520168	2.48000717	1.98411824
0.016	0.025	1.36815253	1.21015322	1.1218011	1.24125295	1.47695665
0	0	0.04342327	0.07068241	0.0940832	0.10213642	0.08289397
0	0.008	0.53692176	0.69173422	0.33646437	0.45073842	0.52672908
0.175	0.18	3.17793216	3.04408323	3.51181379	3.48018461	3.31975831
0.067	0.102	3.16885287	3.5060104	3.02177848	3.19817867	3.10787054
0.012	0.016	0.61567472	0.66757258	0.36414368	0.62057042	0.81546283
0.087	0.094	2.99803717	3.20227915	3.31460155	3.32649246	3.23482395
0.357	0.287	4.40077427	4.53286601	4.34671803	4.42776389	4.59957448
0.067	0.102	3.6234961	3.70955426	3.92577516	3.96791553	3.66545734
0.19	0.225	4.29884555	4.32111328	4.55260471	4.58280003	4.11185283
0.139	0.127	3.54038894	3.73172036	3.36287569	3.4705489	3.1252214
0.385	0.328	4.45293637	4.72399891	4.19209072	4.3458243	4.47925243
0.306	0.221	5.07367737	5.22832046	4.99682082	4.95781444	3.90080217
0.004	0	0.61245663	1.1475765	0.56387979	0.73580877	1.18287185
0.254	0.23	3.75251212	3.87245284	3.58638312	3.7450007	3.92741709
0.071	0.123	4.06037868	4.05876828	3.73276946	3.83007611	3.18093163
0	0	0.46940585	0.40990344	0.22683478	0.33438762	0.52270407
0.298	0.283	3.56632499	3.61502301	3.69835612	3.86883172	3.57602052
0.381	0.459	3.77825255	3.86019087	3.69486865	3.89698854	3.9697951

0.032	0.033	1.66726921	2.00109787	2.11000985	2.047953	1.71340642
0.623	0.664	4.90682911	5.04471406	4.68935086	4.8381672	4.78944877
0.044	0.033	2.16960691	2.37078929	2.28448956	2.42430991	2.15735658
0.548	0.455	4.52476622	4.75649137	4.33648443	4.43758321	4.56109363
0.71	0.656	6.1838631	6.24250694	5.58251701	5.73017426	6.04965066
0.321	0.303	3.83479431	3.98541076	3.70726427	3.90460702	3.85534631
0.54	0.5	4.79109035	5.02234253	4.49485467	4.74498416	4.61390813
0.409	0.426	4.9682532	4.98714059	4.63426749	4.83295244	5.03210941
0.23	0.168	3.23378948	3.34516097	3.69598402	3.64841141	3.67656336
0.238	0.205	4.06573403	4.11969613	3.64530291	3.85247887	4.09567607
0.341	0.393	4.21668971	4.45458488	4.09260627	4.14372175	4.25306711
0.353	0.402	4.17593693	4.18674904	3.84316738	4.08106784	4.32988089
0.329	0.307	4.27364843	4.35993283	4.20947883	4.37695045	4.17035348
0.004	0.008	0.32928318	0.49709324	0.16936187	0.23298779	1.00E-04
0.135	0.123	3.38870632	3.34357832	3.34066888	3.56161136	3.46774043
0.135	0.082	2.87267	2.97947358	2.59459886	3.0818689	2.93457432
0.317	0.328	4.08549348	4.17529311	4.0575372	4.17631936	4.37217385
0.341	0.279	4.32370796	4.50822625	3.99828642	4.18674024	4.25275551
0.679	0.582	5.07823822	5.29210161	4.6285771	4.74344926	5.15498314
0.06	0.082	2.69198674	2.66064937	2.59280967	2.6917732	2.89195338
0.143	0.176	4.49099039	4.30392327	4.97309958	4.97669565	4.87721486
0.004	0.008	0.99195801	0.9522658	1.08422344	1.08330632	0.75579584
0.163	0.189	3.41307239	3.59143385	3.31602652	3.47632211	3.71892755
0.167	0.148	2.8047837	2.90065336	2.67732041	2.94419583	2.78587138
0	0	1.00E-04	1.00E-04	0.04808975	0.04822785	1.00E-04
0.103	0.102	2.40815716	2.43828016	3.10208977	2.8755837	2.88375487
0.107	0.139	3.37511859	3.50291062	3.11047681	3.30267658	3.97983191
0.067	0.061	2.4758599	2.55224511	2.71413656	2.76669243	2.83546566
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.123	0.102	2.94143736	2.86860688	3.29166674	3.41149056	2.71190095
0.056	0.037	2.22261864	2.24024612	2.95013735	2.95392848	2.30287669
0.123	0.23	4.06951321	3.97717355	3.99911187	4.28771359	4.05030036
0.103	0.152	3.20670047	3.08083935	3.22454635	3.53897831	3.74503316
0.004	0.012	3.3736084	3.59773697	3.78692454	4.06929784	1.76078302
0.06	0.02	0.9282201	1.06257815	0.99276621	1.26711062	1.12447774
0.06	0.074	2.49500627	2.61288632	2.33827412	2.43664393	2.36694303
0	0	0.0544177	0.05671642	0.06820679	0.11126437	0.10819762
0.071	0.033	4.44662919	4.36611899	4.68854404	4.66864765	4.93630594
0.048	0.057	2.29792933	2.38494765	2.50180388	2.2191819	2.98168845
0.127	0.119	3.24486898	3.23874859	2.83259714	2.98852489	3.2030631
0.016	0.02	1.56430803	1.63780808	0.98751931	1.22124047	1.80346957
0	0	0.01836051	0.01185211	0.01798387	0.03332464	1.00E-04
0	0	1.00E-04	0.13629192	0.02709724	0.04655917	1.00E-04

0.052	0.041	2.39256757	2.4309791	2.13079756	2.16443932	2.51113641
0	0	0.11046401	0.04708074	0.03504693	0.01548869	2.53177239
0.48	0.41	5.09806042	5.06742869	4.79822392	4.91588858	5.07803011
0.048	0.094	2.18671021	2.18679688	2.01749228	2.21180697	2.06664052
0	0	0.73793679	0.64700969	0.65886443	0.92025524	0.80860625
0	0	1.04673103	1.52785296	0.64756235	0.72518009	0.05077195
0	0	1.00E-04	0.0277836	0.01353425	0.03444315	1.00E-04
0.012	0.033	1.00E-04	0.0519065	0.06822607	0.05276598	0.66016377
0	0	0.01869147	1.00E-04	0.00218839	0.00205483	1.00E-04
0.325	0.262	5.3574607	5.42085633	6.15134438	6.09577142	5.28903391
0.02	0.029	0.24979127	0.63404307	0.68419303	0.71524542	0.52488893
0.155	0.143	3.5640685	3.58949384	4.17375568	4.24015157	3.52685158
0.056	0.07	2.65692254	2.53539727	3.47190582	3.45553745	2.82234685
0.361	0.311	4.91393111	4.9773522	5.79968034	5.73818555	4.97501961
0.341	0.352	3.93715666	3.70751641	4.81567423	4.64476746	4.22612692
0.028	0.041	2.29698498	2.24125677	2.67539559	2.6561965	2.22990085
0.167	0.148	4.14971038	4.10085612	4.98363877	4.88376664	4.41560503
0.028	0.033	1.16065941	1.08976461	1.07583784	1.12540771	1.49394633
0.016	0.02	1.44584955	1.76039315	1.33392197	1.61467101	1.22456894
0.103	0.066	2.87639147	2.90092035	3.31369602	3.2431298	3.00027968
0	0	0.04937155	1.00E-04	1.00E-04	0.0068894	1.00E-04
0.333	0.299	4.12438499	4.20021447	3.83110538	3.95319189	4.07402574
0.131	0.18	3.1339299	3.30153158	3.1140742	3.31560107	3.19909135
0.794	0.779	4.89906044	4.84300744	4.57512798	4.77537959	5.75083522
0.004	0	0.03853363	0.11259153	0.09264152	0.13110636	0.15796167
0.111	0.074	0.09466823	0.27894855	0.37218445	0.12042373	0.28951865
0	0	1.00E-04	1.00E-04	0.03481785	0.01457514	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0.004	0.21577375	0.23484923	0.1112831	0.11782507	0.0490005
0.008	0.02	1.25472819	1.34066453	1.3265344	1.43229068	0.71389098
0	0.004	0.29686877	0.20575909	0.16652551	0.1358132	0.23545147
0.02	0.033	1.09374469	1.04696148	1.19947979	1.29658514	1.30864918
0.083	0.066	2.18029617	2.11377529	2.419139	2.45862583	2.54440039
0.306	0.258	5.2210763	5.4660292	4.80546585	5.10112551	4.55299425
0	0.004	0.02712878	0.03468631	0.03298417	0.03320597	1.00E-04
0.242	0.266	3.43343873	3.57439889	3.376316	3.69820511	3.2647113
0.111	0.16	3.12173505	3.03257594	2.91802967	3.19261441	3.02487611
0	0	0.1454661	0.17076811	0.11167155	0.22487883	0.05327826
0.02	0.041	1.82668014	1.87190723	2.11155128	2.26348791	1.88942854
0.067	0.029	1.62387735	1.67268784	1.56499098	1.88346601	1.5120366
0.083	0.057	3.41402789	3.40027569	3.65295418	3.7579892	3.60808285
0.508	0.451	4.53880019	4.57296579	4.28956635	4.59407538	4.51616718
0.194	0.209	3.67291755	3.88670896	3.71594067	3.88330708	3.82744735

0.369	0.365	4.87810087	5.04379959	4.45702524	4.60359597	5.14344012
0.004	0	1.83019228	1.82817922	1.80903522	2.27524174	1.84533302
0.385	0.287	4.32122829	4.32116628	4.55828336	4.62077501	4.35781572
0.04	0.037	0.58540196	0.82678745	0.56752419	0.67728228	0.78032908
0.254	0.184	3.71817815	4.02344299	3.62202121	3.7126644	3.89756219
0.147	0.102	5.17524231	5.17267165	5.06238631	5.10297584	4.78906963
0.421	0.266	4.56119309	5.09572901	4.15756835	4.2853366	4.54096344
0.762	0.775	4.15864095	4.28803609	4.40730082	4.64195916	5.2870464
0.052	0.033	3.21999549	3.24396032	3.23499441	3.35202699	3.40283098
0.159	0.16	5.95513103	6.25965179	5.36775384	5.46052552	5.54829588
0.008	0	0.94418176	0.97464749	0.69108949	0.48411964	0.84829519
0.794	0.807	4.55121267	5.07626608	4.49141222	4.57149227	4.15633014
0.087	0.086	3.21884163	3.32231702	2.8750643	3.0685687	3.26926188
0.552	0.52	0.86999335	1.41431818	1.14342169	1.10015956	1.39736729
0.202	0.184	3.67895944	3.69222205	4.12975646	4.02031456	3.8645573
0.079	0.074	1.90021155	2.15314256	1.74053231	1.7213527	1.48523706
0.06	0.061	2.64421771	2.76084952	2.1382111	1.7047568	1.74324062
0.155	0.217	2.57913572	2.86287318	2.41871489	2.59616537	2.57119148
0.313	0.32	3.59738863	3.53779655	3.27731395	3.42650925	4.06706433
0.504	0.484	4.94214274	4.87495261	4.91236899	4.96742475	5.10362741
0.004	0.029	1.54655978	1.78834492	2.42005742	2.12436577	1.28906869
0	0	0.0493903	0.13744373	0.04861044	0.0458213	1.00E-04
0.119	0.164	4.47242149	4.92132103	3.8618761	4.20273755	4.1160641
0.111	0.127	2.76911313	2.64594885	3.10145963	3.11434939	2.80794092
0.123	0.115	2.87988575	2.98795031	2.72697773	3.01671761	3.06777561
0.452	0.414	4.70747649	4.87651794	4.41438839	4.55886039	4.52877145
0	0	1.00E-04	1.00E-04	0.0347842	0.01633902	1.00E-04
0.008	0	1.19883696	0.88338476	1.93239055	1.8995247	0.34264016
0	0	0.021468	0.03124282	0.01773824	0.03587828	1.00E-04
0.004	0.004	1.33356775	1.51054791	1.16376556	1.24479105	0.61772231
0.175	0.164	2.97418132	3.00456331	3.5681024	3.53928661	3.09623756
0.294	0.283	4.20132037	4.108543	4.33612881	4.42409423	4.20011305
0.202	0.193	5.01454218	5.12328162	4.4071706	4.58690775	4.64188411
0.036	0.029	1.69873187	1.93984521	2.13764366	2.17824236	1.97794831
0.016	0.012	1.59089345	1.6219458	2.04838486	2.12420452	1.6983633
0.115	0.098	3.20636982	3.33960695	3.01958415	3.14143642	3.33828041
0.004	0	0.03691619	0.04195461	0.04987267	0.04009631	0.24247548
0.226	0.172	3.88356024	4.17724147	3.68626368	3.91763983	4.54248461
0.179	0.143	4.21997835	4.48787695	4.567832	4.45321099	4.13854062
0	0.004	0.07580353	0.08222639	0.07434487	0.06047407	0.10348813
0	0.008	0.19026562	0.21843065	0.16556107	0.27577355	0.48093475
0.028	0.029	1.13273629	1.29670798	1.1397953	1.30877468	1.44579328
0.02	0.008	2.09028757	2.08792817	2.30557151	2.42397411	1.3996194

0	0	0.02970994	0.20702829	0.09441517	0.07501231	1.00E-04
0.004	0	0.03189424	0.04740352	0.05344498	0.07647639	1.00E-04
0	0	1.00E-04	0.01873899	0.01939796	0.02904943	1.00E-04
0	0	0.07216749	0.08632194	0.07275977	0.11032031	0.0410787
0	0	1.00E-04	1.00E-04	1.00E-04	0.00212873	1.00E-04
0.004	0.004	0.54244525	0.54306658	0.29327723	0.36166627	0.16617827
0	0.008	0.43230688	0.43912491	0.29175253	0.37924644	0.24996629
0.139	0.111	4.04354687	4.2796679	3.76818652	3.94980799	3.85585909
0.127	0.07	5.24397012	4.87584772	5.18861809	5.30341816	4.42834622
0.091	0.123	2.25866125	2.35151004	2.33782178	2.47642652	2.46299899
0	0	0.21874414	0.32865313	0.25654438	0.16323361	0.32734218
0.008	0	0.54106885	0.62431077	0.49285611	0.5705427	0.56617118
0	0	0.31741521	0.31492304	0.296865	0.30505645	0.26495162
0.004	0.004	0.4217733	0.30107327	0.29202508	0.40869022	0.17958263
0.02	0.029	0.77558257	0.90534255	0.71561876	0.89186942	0.89538872
0.111	0.135	2.80634616	2.87619579	2.92272124	3.00778483	2.94106184
0.052	0.041	2.3460315	2.3347441	2.62601822	2.58632044	2.5457841
0.107	0.09	3.23756868	3.58719409	2.88030531	3.07485576	3.2613146
0.091	0.09	2.47436662	2.55536778	3.03074405	3.02861791	2.78130035
0.087	0.053	2.45177492	2.43861886	2.82018948	2.78101983	2.79109327
0.337	0.369	4.27304175	4.12614527	4.33902343	4.27447561	4.20379955
0.111	0.172	3.14933689	3.04253879	2.88798828	2.94145597	3.22341144
0.095	0.107	2.90383617	2.91863372	3.15492857	3.24926278	3.09386509
0.448	0.484	5.07968374	5.18448136	5.1970827	5.29310487	5.24602381
0.024	0.033	1.42647525	1.76166238	1.42659607	1.6519766	1.3887954
0.687	0.594	4.92848696	4.91127857	4.80269013	4.89092396	5.13014867
0.373	0.365	4.16122706	3.95751626	4.10347989	4.25512287	4.39091929
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.024	0.004	0.66071448	0.53935258	0.43070019	0.39927449	0.62871115
0.052	0.074	1.67503245	2.04292179	2.11535836	2.15734319	1.8650435
0.067	0.066	2.28535454	2.04046145	2.55810524	2.56568293	2.89370168
0.079	0.09	2.69910687	2.87462578	2.82770493	2.83717557	2.65364135
0.175	0.217	3.51640462	3.63475853	3.47718763	3.58625468	3.54158436
0.004	0.004	0.24014983	0.27209335	0.39989409	0.47242368	0.52738934
0.087	0.135	2.49473538	2.55652948	2.2943934	2.48746017	2.66585362
0.246	0.316	4.6468098	4.7723721	5.26248498	5.21746119	4.69533792
0.032	0.049	1.63635181	1.75910618	1.9866455	1.93100116	2.10010787
0.317	0.303	4.64513965	4.80808419	4.48752882	4.63805847	4.78184702
0.008	0.004	1.97323051	1.72829665	2.26517321	2.39902235	1.47763716
0	0	0.08847605	0.1495614	0.0786651	0.14087869	0.10474835
0	0	0.89906204	0.48704288	0.21195572	0.32066805	0.25092621
0	0.004	0.10065466	0.07945408	0.15247041	0.16178833	1.00E-04
0	0	1.00E-04	0.03019351	0.01571424	0.01780461	1.00E-04

0.008	0	0.28637542	0.42599995	0.32133894	0.46020193	0.23438083
0	0.004	0.17096351	0.13550647	0.16561018	0.15308696	0.24324125
0.004	0.02	0.06797641	0.4877387	0.37329428	0.3586632	1.00E-04
0.075	0.053	1.86069221	1.81318918	1.86804368	2.16526835	2.08349802
0.012	0.008	0.23809391	0.29161569	0.37182518	0.45228643	0.26667661
0	0.008	0.16979206	0.15179063	0.21130001	0.19983529	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01945561	1.00E-04
0.115	0.094	1.08689234	1.37780596	1.1832208	1.25263989	0.78261427
0.111	0.16	3.2464185	3.062518	2.94499724	3.02130776	2.13375697
0.06	0.074	2.56973492	2.36143623	2.19253563	2.4942199	2.54769281
0.099	0.053	2.3488211	2.46336669	2.63797926	2.72714937	2.51501462
0.127	0.107	3.16378646	3.25630009	3.22310904	3.28297796	3.43662665
0.639	0.619	4.65282219	4.7724318	4.44035508	4.55540174	4.78723326
0.722	0.697	5.4598263	5.52241585	5.47905045	5.47093603	5.65326812
0.02	0.008	3.26424488	3.18415008	2.94998271	3.09942936	2.81802344
0.008	0.008	0.86140409	0.75441259	0.90557053	1.00981651	1.26735427
0.016	0.008	0.96171861	1.35677365	1.07095253	1.21685836	1.71212926
0	0	0.02785882	0.06869911	0.08558321	0.08723087	1.00E-04
0	0	0.39648082	0.44727661	0.2340076	0.35898597	0.74181069
0.004	0	0.03474465	0.07797882	0.0401643	0.08584285	0.12164458
0.016	0.025	0.57901881	0.77267017	0.75840367	0.85072886	0.96099788
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.06529814	0.08173314	0.01761249	0.05298866	1.00E-04
0	0	0.14190405	0.15936262	0.10010396	0.17112837	0.04012068
0.012	0.008	3.41738353	3.39146291	3.05706633	3.08745548	3.26899302
0.008	0.012	0.8565333	1.08459748	1.44153886	1.34936143	0.96776085
0	0	0.12353849	0.28348027	0.17144633	0.20762118	0.19291954
0.004	0	0.20720724	0.53842638	0.28114028	0.33479617	0.19576544
0.012	0.004	0.04599193	0.25981213	0.24284639	0.49469443	0.10910524
0	0	0.09785468	0.22195095	0.17569119	0.1785645	0.24549717
0	0	1.00E-04	1.00E-04	1.00E-04	0.00786002	1.00E-04
0	0	2.30028521	3.06886549	1.31708999	1.64801606	0.21064222
0.004	0	0.65771093	0.48609675	0.92104777	0.95129566	0.851443
0	0	0.0462811	0.1675831	0.09857476	0.06848201	0.05744226
0.008	0	0.04461772	0.1052786	0.04826654	0.09863427	1.00E-04
0.016	0.016	0.39036865	0.65824009	0.63581697	0.73743019	1.20470899
0	0	1.00E-04	0.00816915	0.01769557	0.00845116	0.30316657
0	0	1.00E-04	1.00E-04	1.00E-04	0.00470546	1.00E-04
0	0	0.08500242	0.16349501	0.155291	0.19186659	0.27142281
0	0	1.00E-04	1.00E-04	0.00216441	0.00347505	1.00E-04
0.024	0.012	0.92061314	0.76280541	0.6577255	0.77558009	0.89692287
0	0.004	0.24637559	0.29537867	0.20235511	0.31097625	0.09341511
0.024	0.016	1.27419129	1.94090994	1.0543781	1.25611193	1.29756802

0	0.004	1.00E-04	0.00352243	0.00459192	0.00395781	1.00E-04
0.282	0.316	0.08150387	0.14122534	0.19357632	0.1094124	1.00E-04
0.008	0.008	0.68404038	0.53355999	0.63693294	0.73698994	1.0085422
0	0	0.01083557	0.11731357	0.07529753	0.09710978	1.00E-04
0	0	0.56714966	0.28353602	0.20517389	0.17589308	0.5736302
0	0	0.01203863	0.03982908	0.03549043	0.03915928	0.0655208
0.095	0.057	1.88888271	2.012409	1.93100317	2.13156879	2.26259395
0.012	0.012	3.03803695	3.02389815	2.7531086	2.95042484	2.2690866
0	0	0.61682153	1.04205576	0.5531822	0.53965464	0.80016726
0.079	0.07	3.6325142	3.51784089	4.13380429	4.11636233	3.25686163
0.008	0.008	0.51257147	0.54800244	0.73292341	0.80608573	0.79760445
0.135	0.119	2.905478	2.72561835	3.19516377	3.15996659	2.95374128
0.611	0.496	7.37958615	7.30296985	7.60745964	7.52490903	7.26619997
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.044	0.037	0.35920804	1.04860015	0.65630878	0.85404138	0.82698881
0.02	0.004	0.37644047	0.81860919	0.86277525	0.56287498	0.13318792
0	0	1.00E-04	1.00E-04	0.01530371	1.00E-04	1.00E-04
0	0	1.00E-04	0.00828084	1.00E-04	0.0031313	1.00E-04
0.004	0.008	2.51336536	3.08472788	2.34598244	2.47811964	3.85352745
0.198	0.225	3.25332539	3.43966471	3.14650587	3.31872667	3.3276205
0.298	0.32	5.00428605	5.17320355	4.98501395	4.80494389	5.18700582
0.036	0.061	2.01176658	1.93272663	2.28649557	2.32521697	1.96905819
0.167	0.143	3.55083369	3.33076946	4.3741557	4.16143956	3.83034414
0.353	0.451	2.47114933	2.65745659	2.75161978	2.80470149	2.87243041
0.063	0.082	2.22150646	2.42051576	2.181738	2.34678267	2.30136411
0	0	0.02423118	0.05838173	0.04189124	0.04173415	1.00E-04
0.337	0.311	5.32608982	5.418514	5.2982221	5.48333964	4.91220175
0.313	0.336	4.23437733	4.51292953	5.04657096	5.03278643	4.45489354
0.294	0.262	3.96299813	4.17289507	4.50222533	4.57271004	4.03615943
0.27	0.23	3.91876719	4.039931	4.50214358	4.42038974	4.18399867
0.294	0.287	3.64937196	3.84393602	4.18426065	4.18198847	4.06626438
0.218	0.213	5.12048517	5.43692895	5.43381608	5.52442709	5.03206401
0.599	0.553	5.5246047	5.50280152	6.22436417	6.11589411	5.472182
0	0	0.10075781	0.07308673	0.08627305	0.09311716	0.04087983
0.417	0.451	4.24161086	4.40396102	5.00341516	4.97028004	4.50326858
0.179	0.111	3.1416917	3.2341236	3.80587784	3.71521174	3.76432401
0.131	0.172	3.30835642	3.62013181	3.87131393	3.76724006	3.43879566
0.222	0.23	3.54160529	3.56012641	4.22229342	4.20110668	3.8080728
0.226	0.242	3.53891814	3.62180375	4.21800637	4.19159667	3.77624882
0.095	0.107	3.92566264	4.01502675	4.82057445	4.77675539	4.02874924
0.286	0.254	4.13840317	4.32974582	4.9481149	4.94840122	4.46182914
0.456	0.459	4.71660751	4.92769372	5.43607978	5.40834884	4.82313212
0.357	0.381	4.11319679	4.23894079	4.886833	4.84612587	4.53581244

0.385	0.398	3.75833436	4.16945764	4.57269078	4.53984248	4.29483253
0.119	0.148	3.4735926	3.57951392	3.94098384	3.90398594	3.49222008
0.139	0.135	3.34137659	3.60454429	3.83374752	3.80909619	3.51416447
0.103	0.098	3.11180463	3.24049829	3.66361784	3.65274123	3.42861781
0.016	0.045	1.76916511	1.65002951	1.65588637	1.73969911	1.46388171
0.151	0.148	2.93460186	3.02128559	3.46511978	3.41069716	3.2980861
0.226	0.209	3.62187282	3.85566214	4.24814006	4.10617181	3.8559942
0.143	0.139	3.08507775	3.27531178	3.29089321	3.39840351	3.24296202
0.29	0.25	4.41417252	4.74432703	4.41463746	4.46568546	4.51271176
0.048	0.033	2.00892812	2.22910109	2.59845219	2.5243946	2.18282362
0.238	0.172	3.48397293	3.89732488	3.88087363	3.9101341	3.68554807
0.202	0.193	3.83124447	3.90680788	3.87597634	4.03498082	4.04675864
0.21	0.205	3.17795682	3.33576734	3.76132541	3.71919742	3.49099051
0.27	0.242	4.27038781	4.55804038	4.3268898	4.39187582	4.40026235
0.139	0.152	3.66731907	3.85037801	4.13440967	4.2049382	3.89013188
0.087	0.094	3.46072283	3.56296468	3.84889413	3.90611764	3.47525915
0.21	0.197	3.62186019	3.77590652	4.21699052	4.11860692	3.75653007
0.067	0.045	2.50064221	2.30384962	2.14960917	2.55850651	2.52124934
0.155	0.09	3.04189304	2.99993195	3.41594457	3.29466914	3.27532759
0.258	0.242	3.5956667	3.89346932	4.20336632	4.18075156	3.74451223
0.218	0.242	3.75487271	3.75168379	4.45283733	4.47362945	3.89491087
0.143	0.115	3.14529254	3.17691895	3.83181176	3.91673582	3.26194806
0.448	0.541	4.11759155	4.15245311	4.78732596	4.59952307	4.47130487
0.27	0.238	4.0430626	4.53101696	4.77776623	4.6627124	4.50843385
0.095	0.049	2.75931031	2.84255381	2.92094826	2.96549417	2.91743402
0.5	0.471	4.55271569	4.84719169	4.19844856	4.46497021	4.92446238
0.139	0.119	3.08376868	3.50570625	3.25997672	3.26955684	3.17439355
0.115	0.135	3.00641928	3.026133	3.47370859	3.45829385	3.15043212
0.151	0.131	3.20247096	3.15662291	3.72365961	3.69591336	3.36156708
0.063	0.061	1.92574259	1.96025975	2.53425555	2.50087542	2.18128382
0.095	0.086	2.50658725	2.62452587	3.18988666	3.16814466	2.38069946
0	0	0.10243002	0.06344976	0.04910393	0.10294265	0.09704328
0.571	0.41	4.6726801	4.82493844	4.31590678	4.48474819	4.79418652
0.119	0.086	2.80854766	2.852448	3.16515838	3.31757445	2.90191893
0	0	0.14873671	0.20958854	0.26018415	0.28352458	0.08443523
0	0.004	0.08843999	0.16300839	0.0577507	0.09491658	0.82594385
0.036	0.012	1.46641743	1.56080622	1.81166439	1.79924272	1.88564285
0.27	0.275	0.03887247	0.29500592	0.33186723	0.28196121	1.26078729
0.028	0.041	4.23957237	4.42439366	4.34779937	4.14587516	4.63263128
0.032	0.02	4.19819698	4.04556089	4.35512151	4.50378555	4.23470644
0.23	0.225	3.55036055	3.47367246	3.40964317	3.61230633	3.29658864
0.226	0.238	3.57065893	3.54367869	3.77417417	3.79935185	3.87002811
0.452	0.406	5.1781044	5.30673071	4.74148493	4.85805343	5.02740061

0.663	0.648	5.48189604	5.70415248	5.380696	5.42672471	5.65221212
0.056	0.053	2.56733955	2.73778818	2.62981377	2.71060338	2.51424805
0.135	0.135	2.98359215	3.12798372	3.05636935	3.23018049	3.02242345
0.012	0.016	1.1010134	0.8569419	0.73688545	0.90247363	0.74180712
0.036	0.02	3.02303011	3.02544472	3.05862373	3.04189917	2.8620096
0	0	0.07091086	0.09363687	0.0679132	0.0507953	0.10635964
0.004	0	0.11165602	0.14804001	0.08359037	0.13034539	0.07765619
0	0	0.05995034	0.05001705	0.07431249	0.0786402	0.05729727
0	0.004	0.18555843	0.28015717	0.27601322	0.30812373	0.31196676
0.163	0.143	3.19079253	3.22272198	3.11490226	3.16401666	3.29686732
0.429	0.357	4.81629199	4.95038093	4.52906348	4.65468476	5.47022118
0.075	0.078	2.56216209	2.86615625	2.53428209	2.81292944	2.69829323
0	0	1.00E-04	0.01290805	1.00E-04	1.00E-04	1.00E-04
0.071	0.09	0.11386667	0.03039691	0.12374058	0.34292263	0.34725696
0	0.008	0.00744863	1.00E-04	0.00822288	0.0160485	0.05843373
0.198	0.061	5.72823103	5.79983265	6.62306942	6.00080233	2.52254177
0.008	0.004	0.17377366	0.11047247	0.11831031	0.14428211	1.00E-04
0.004	0.004	1.01356981	0.93516823	1.18142689	1.25896508	2.62502915
0.103	0.127	0.12231955	0.28059475	0.09631197	0.15496025	1.50477002
0.214	0.16	4.09693451	4.39161897	4.59276855	4.21242219	4.37814232
0	0	1.00E-04	0.00732431	0.01064148	0.05975955	1.00E-04
0.04	0.037	2.43640316	2.62963771	3.14973712	3.09601117	2.51651131
0.599	0.611	5.06992453	5.02095445	5.2999454	5.29493602	5.31002595
0.004	0.004	0.07500868	0.1038071	0.10202936	0.1107505	0.09992292
0	0.008	0.12649813	0.03884189	0.0341334	0.082249	0.0875588
0.008	0.012	2.51886854	2.83332487	2.70122316	2.68849112	2.30502904
0	0	1.00E-04	0.03667635	0.02247565	0.05646489	1.00E-04
0.004	0	0.07662726	0.12466844	0.09117102	0.07353166	1.00E-04
0.024	0.02	2.90497065	2.71516523	3.03518208	3.15596451	2.94464561
0.012	0.025	1.8682965	1.50002308	2.48038896	2.63590898	2.41035993
0.008	0.008	0.18111106	0.53471371	0.65349414	0.44818959	2.51073726
0	0.012	0.24220982	0.3212625	0.22244622	0.27615192	0.41549136
0	0	0.0567591	0.1411013	0.04607263	0.02910396	0.27296547
0.004	0.004	0.00827709	0.02720169	0.02359368	0.0462018	0.06887131
0.016	0.012	3.37654237	3.66885838	2.37277802	2.60080055	3.52781696
0.48	0.439	4.28556754	4.53149223	4.01935138	4.13916848	4.52130456
0.012	0.012	1.70410894	1.65983411	0.86115642	0.80574497	1.83873695
0.04	0.074	0.27659489	0.24159514	0.21635565	0.27388405	0.70926573
0.762	0.762	5.48280012	5.02280527	5.94973878	5.73052718	6.11124413
0	0	1.00E-04	0.03169669	0.0681128	0.02564228	1.00E-04
0.222	0.152	4.79934505	4.52712583	5.15986722	5.09154478	4.90573556
0	0	0.07030347	0.06034632	0.0643578	0.10809892	1.00E-04
0.071	0.094	2.36254229	2.43973355	2.75231554	2.75614397	2.59055974

0.214	0.193	3.59825553	3.65716636	3.67209199	3.92136004	3.95703002
0.464	0.422	5.19441629	5.33311234	5.36093274	5.4431406	5.40039506
0	0.004	0.05630207	0.01263346	0.00914725	0.0325848	0.07290803
0.155	0.102	2.8909413	3.07844958	3.03746786	3.12547214	2.94097486
0.052	0.061	2.72608247	2.84286982	2.35258008	2.8485806	1.88516443
0.198	0.148	3.1701097	3.19866474	3.9078118	3.94496004	3.28018928
0.532	0.373	5.4165248	5.60361074	5.19929691	5.27651318	5.60481832
0.258	0.307	4.33427969	4.42524676	4.20404726	4.29800427	4.24821463
0.413	0.373	5.92918733	6.07545895	5.69392746	5.72912312	5.91294624
0.071	0.07	3.80181811	3.5481201	3.14475143	3.34033716	3.4495646
0.008	0	0.92949857	1.4643691	1.17499283	1.28851858	0.75153104
0.087	0.107	3.44690622	3.28340772	3.48671053	3.53551463	3.55278075
0.373	0.406	4.78085091	4.97149451	4.66601423	4.65251005	5.1973247
0	0	1.00E-04	0.02060585	0.02146245	0.02203147	1.00E-04
0	0	0.51861427	0.55832969	0.36530963	0.4049351	0.35595527
0.607	0.553	3.03457613	3.00843282	3.14461433	3.2588694	3.81976508
0.123	0.123	3.3471935	3.34982122	3.22239252	3.39683944	3.41133204
0.004	0	0.46521137	0.5739309	0.17567496	0.22568367	0.34530598
0.508	0.492	3.72650425	3.75378162	3.30913589	3.48583944	3.93832342
0	0.004	0.55072171	0.46184961	0.39406771	0.55376688	0.23483818
0.25	0.152	4.40305023	4.52114075	4.828305	4.84262811	4.37909966
0.202	0.246	0.77663998	1.16639477	0.85782789	1.05250924	1.3338366
0.429	0.422	5.25576952	5.59920234	5.00758895	5.21150118	5.41324952
0.619	0.635	5.19549107	5.54162708	5.0825819	5.17334181	5.18923361
0.012	0	0.8073053	0.6298733	0.95460859	1.21955631	1.06724783
1	1	6.74449099	6.72247934	6.50659935	6.56383459	6.87190012
0.313	0.336	0.37239781	0.60271854	0.57541242	0.57362016	0.58725108
0.004	0.004	0.97797962	0.89625672	0.77523116	0.85334261	1.21497872
0.107	0.131	2.47906185	1.88365673	2.58943728	2.50872869	4.07307138
0.008	0.012	0.31743148	0.34932302	0.26705137	0.34034579	0.05965215
0.004	0	0.70065348	0.57176701	0.3849974	0.61351526	0.55325617
0	0.004	0.26449555	0.58192688	0.22292313	0.23731893	0.39677507
0.222	0.242	5.58752867	5.88746513	5.40248225	5.50021833	6.21223418
0.02	0.033	1.22383186	1.16328386	0.50782408	0.79435648	1.97065113
0.052	0.045	4.26864835	3.95284416	3.79976302	3.8362998	3.19099071
0	0.004	0.19867029	0.13430397	0.17945856	0.19958126	0.2875451
0	0.004	0.25386657	0.53471555	0.30584009	0.36541526	0.2950631
0.012	0.004	2.44980836	2.65531569	2.40339422	2.62532632	2.65880618
0	0	0.32314335	0.21380925	0.10797483	0.07697047	0.13022823
0	0.004	0.19819604	0.23267594	0.48768	0.40079891	0.22120275
0	0	0.2983537	0.37640094	0.22113617	0.23297949	1.35641393
0.012	0	4.23613227	2.40531956	2.25827615	2.78483836	1.66136071
0	0	0.29778195	0.31790833	0.20212108	0.22414804	0.18948052

0.004	0.008	0.32719581	0.6018146	0.3050361	0.3232731	0.04957768
0.091	0.094	2.81239551	2.87328854	3.71332371	3.64461999	3.06066028
0.139	0.094	2.84728679	2.86229509	3.14304654	3.10029542	3.2263991
0.071	0.086	2.64560809	2.56448304	3.49910962	3.3763562	2.79252515
0.06	0.057	1.89711079	1.96369752	2.22824296	2.47856368	2.15390599
0.052	0.049	1.01244698	0.98059577	1.42403055	1.3450114	1.11014655
0.155	0.172	4.3873145	4.26075609	4.5629303	4.55430834	4.34432439
0.004	0.02	0.09323566	0.1643617	0.10541778	0.07554157	0.65006754
0.008	0	1.06530481	1.45423417	1.97634188	0.3786611	1.67940088
0	0	0.64033177	0.62467369	0.58505952	0.6802291	0.44450316
0.075	0.086	3.14700547	3.50553174	2.7665312	3.30850147	3.434871
0.143	0.123	3.28036279	3.37502306	3.87284239	3.74580831	3.53536453
0.611	0.545	5.06289101	5.32126802	4.87440153	5.02119912	5.00175567
0.687	0.639	5.42334136	5.45479729	4.91345574	5.10107048	5.3171206
0.179	0.172	3.24169291	3.19138351	3.36722701	3.34718165	3.33230919
0.21	0.18	3.23653394	3.26255502	3.35792857	3.32606661	3.49373134
0	0	0.25225054	0.28799389	0.14649401	0.21563522	0.83986708
0.099	0.094	2.8773456	3.04852663	2.92967608	3.07808299	2.73652473
0.143	0.119	3.73783266	3.8597826	3.57446601	3.77902289	3.80207349
0.032	0.037	1.54801824	1.60584671	1.91627174	1.85078814	1.51246305
0.135	0.107	3.30748031	3.3620344	2.92076657	3.14189183	3.22820089
0.071	0.07	1.76205665	2.02904957	1.88086014	2.02678956	2.27258975
0.016	0.008	0.63229297	0.60852691	1.06705091	1.02027457	0.5874756
0	0	1.00E-04	0.00652329	0.00317052	1.00E-04	1.00E-04
0.02	0.008	2.53202903	2.50606392	2.47047031	2.55674609	2.46240011
0.04	0.033	0.00766257	0.05010893	0.0445203	0.05250419	1.00E-04
0.206	0.197	3.19828896	3.19383432	3.53229355	3.59438358	3.2792383
0.079	0.061	2.39868816	2.46120791	2.41432381	2.5516223	2.69476167
0.238	0.254	3.13078391	3.17375005	2.99670235	3.13211468	3.28636182
0.012	0.02	2.07793375	2.19011412	2.19396508	2.18890315	2.31764661
0.079	0.123	3.04766263	2.98312102	2.98739556	3.09125859	2.95034608
0	0	0.11108001	0.09004385	0.04731318	0.0663083	1.00E-04
0.048	0.041	3.50311881	3.36297722	3.61015589	3.61564212	4.19726208
0.032	0.012	3.08337882	2.61989028	2.24884269	2.17653847	1.52646332
0.012	0.02	0.88351958	1.38035264	0.72340111	0.99820329	0.70609773
0.187	0.213	3.31972212	3.69312052	3.14767971	3.31277522	3.70002468
0.02	0.029	1.29030176	1.38061701	1.72243358	1.79958486	1.40485376
0.056	0.066	2.71954252	2.66250292	3.3250966	3.36799933	2.69115938
0.135	0.123	2.72379894	2.82280108	2.55750942	2.63520415	3.11864632
0	0	0.09365728	0.0987446	0.0578253	0.07652724	0.0754623
0.056	0.082	0.25263788	0.5811749	0.35241784	0.43569456	0.60060849
0.27	0.238	5.2944273	5.05147103	6.12272217	6.09437698	5.46283739
0.024	0.02	0.04813564	0.07954413	0.04711299	0.06472138	0.19938631

0.032	0.037	1.59719977	1.4446741	1.35078589	1.41926079	1.63782775
0.02	0.008	1.04913603	1.18792726	1.358136	1.4733609	1.46784829
0	0	0.03241033	0.04865235	0.01976329	0.02267865	0.05188678
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.091	0.098	2.94887069	2.70883701	2.49702046	2.68480344	2.87314231
0.048	0.02	4.40558642	4.28045637	4.4453064	4.54631832	4.17093725
0.02	0.012	1.66542466	1.46392381	1.1356448	1.289691	1.50205901
0.004	0.004	0.09745576	0.15381688	0.1147668	0.13373621	0.0373677
0.063	0.061	1.36885636	1.50812113	1.6509049	1.66663769	1.37607458
0.262	0.213	0.09218583	0.2935007	0.30304081	0.21075578	0.18649972
0.071	0.061	2.37181503	2.31769662	2.38546853	2.53985571	2.39985129
0.095	0.074	2.97119636	2.98811845	3.00626267	3.20092267	2.93347021
0.052	0.057	1.69896796	1.85914216	1.64994149	1.6697265	1.99257348
0	0.004	0.20077746	0.11600202	0.20373712	0.20168783	0.42927848
0	0	0.03716628	0.10814388	0.11058629	0.11576432	0.04927424
0.198	0.213	3.46427916	3.23945237	4.10545941	4.03736223	3.80034735
0.147	0.111	2.96412064	3.03618098	3.68698025	3.67450201	2.98036831
0.54	0.43	7.0609148	7.26518544	6.96328377	6.88554269	7.18028598
0	0	0.34892901	0.55483187	0.59831686	0.55388957	1.76165588
0.06	0.057	1.93200766	2.06130798	1.92500476	2.3032022	2.40003457
0.012	0.004	1.12267399	0.91871952	0.76662299	0.90869053	1.63028214
0	0	1.00E-04	1.00E-04	0.00367317	0.00197616	1.00E-04
0	0	0.03936796	0.06661182	0.01202522	0.00571858	0.04722741
0.254	0.262	4.22211392	4.46370099	3.96413222	4.1991087	4.42582027
0.028	0.025	1.08403819	1.3529257	1.16097921	1.09556795	1.136008
0.091	0.061	2.24182011	2.27207761	2.23632153	2.39184867	2.4323711
0.163	0.111	4.02432811	4.49045796	3.685309	3.90804573	3.77959626
0.095	0.119	4.87666131	4.902775	4.75164795	4.92318556	4.52299357
0.067	0.041	2.17691901	2.03719163	1.95666198	2.08922104	2.19795061
0.036	0.049	1.99451625	2.16274541	2.45156873	2.49286471	2.08026185
0.048	0.033	2.25146823	2.18422954	2.25951636	2.4131446	2.47048595
0.04	0.041	1.60663639	1.6868816	2.07540095	2.00933702	1.80842013
0.246	0.201	4.01056266	4.13459354	3.6380561	3.77956044	4.006811
0.262	0.307	4.65062297	4.84456455	4.36670462	4.53544693	4.53011577
0.603	0.561	5.65934699	5.88127516	5.59361487	5.72912128	5.62186812
0.107	0.111	2.41008655	2.57684401	2.75063846	2.69781704	2.81389096
0	0	0.0218996	0.0309158	0.04424834	0.0777116	0.37475756
0.512	0.475	5.3222171	5.48368149	5.32113088	5.32206328	5.19937416
0.155	0.16	3.30484667	3.28176883	3.93319093	3.87827198	3.67854076
0.071	0.098	2.53592383	2.64588024	2.84302578	2.83129588	2.4854165
0.325	0.311	6.0555564	6.09929183	5.88279298	5.9994391	6.01057896
0.119	0.139	2.83178798	2.68668722	2.56379209	2.87468786	2.67477087
0.139	0.098	2.53117881	2.73225546	2.18104293	2.47883493	2.77190794

0.075	0.057	1.33377104	1.20723985	1.25471333	1.30763214	2.21863344
0.008	0.029	2.36494707	1.90546047	2.31972826	2.38651421	2.49734505
0.111	0.115	3.45677477	3.43738465	3.64718424	3.32543733	3.77093311
0.123	0.045	4.85036317	4.65441291	5.66934401	5.54610597	4.62681112
0.313	0.365	4.6664294	4.6113688	5.13067102	5.06915576	4.7010344
0.004	0.025	0.42941734	0.63337585	0.54427369	0.67704857	0.98659054
0	0	0.00929816	0.0444148	0.02656402	0.0309007	1.00E-04
0.242	0.209	4.20615942	4.29545129	4.20128475	4.32488489	3.99139326
0	0.008	0.24289384	0.08538985	0.06079489	0.06178923	0.08867176
0.476	0.398	5.25625849	5.3727225	5.27013411	5.41647518	5.43771553
0.087	0.078	2.8963997	3.10397056	3.43736317	3.44278468	3.04736489
0.044	0.016	4.59428829	4.69229313	5.00446442	4.8127816	4.36219774
0.25	0.262	3.86756311	3.82965849	3.93373851	3.91616951	4.0431957
0.226	0.258	3.85862969	3.9513154	3.96810979	3.98943892	3.83092583
0.02	0.025	1.2585647	1.30385891	1.25412597	1.2333031	1.29713946
0.06	0.053	3.47972695	3.54640202	3.98918505	4.06512488	3.58648183
0	0.004	0.05769129	0.15514259	0.21726489	0.20387175	0.07649757
0	0.008	0.04851519	0.20681365	0.08445379	0.1389545	0.32379266
0.421	0.422	3.34251865	3.40627914	3.10050215	3.10090172	3.77602238
0.067	0.078	0.44574019	0.44609088	0.12924253	0.21125009	0.47035122
0.242	0.176	3.64744173	3.8121979	3.40305662	3.56948031	3.7116063
0.067	0.07	3.03480262	3.08574668	3.32711962	3.43253017	2.96320515
0.71	0.676	5.69821386	5.83132418	5.66249749	5.73264574	5.74988758
0.083	0.082	2.75794292	2.6834715	2.67555323	2.77663955	2.88095551
0.06	0.016	4.59467949	4.76236452	4.67883994	4.75723373	4.77034151
0.206	0.164	5.88887006	5.93026125	5.86647169	5.92123714	6.32243625
0.075	0.037	3.63820716	3.67233234	4.63581318	4.53913945	3.88854169
0	0	0.13201977	0.13419852	0.0434076	0.077781	0.10000748
0.048	0.061	1.99779031	2.09385496	2.0127489	2.17520576	1.90091479
0.012	0.008	1.10367069	1.27750851	1.5059205	1.57203595	1.05876704
0.095	0.053	2.53969105	2.31018242	1.90570494	2.02080055	2.91809127
0.004	0	0.04279314	0.2303452	0.10078839	0.13173471	0.07290803
0.21	0.225	3.60172088	3.65965476	3.81893758	4.30181781	4.00608077
0.004	0	0.31259814	0.38893967	0.67806375	0.70608983	0.62609032
0.028	0.008	3.08254829	3.47277341	3.30934897	3.40176553	3.14047937
0.008	0	1.00E-04	0.03649399	0.01425113	0.02216082	1.00E-04
0.004	0.012	0.77090825	0.59622045	0.89992634	1.05832541	0.61173423
0.004	0	0.08148073	0.08944529	0.06784061	0.0833943	1.00E-04
0	0	0.12453654	0.09428933	0.05591179	0.10551827	0.31190237
0.004	0.008	0.18207674	0.3007669	0.23149582	0.15747046	0.21775712
0.306	0.311	4.40893448	4.71774703	4.13832596	4.32744331	4.38190775
0.353	0.311	4.96387382	5.13994356	4.88918159	4.96086265	4.68209032
0.008	0.004	2.24357351	2.21311544	3.16729439	2.41370442	1.82294289

0.008	0.012	1.85029909	1.75576216	1.64685344	1.64788646	1.94832917
0	0	0.08042469	0.12819164	0.04848174	0.10449985	1.00E-04
0.107	0.131	3.55489547	3.74042462	3.13997094	3.48400265	3.20708913
0.012	0.008	1.08607258	0.98751686	0.64280628	0.93940173	1.20901928
0.052	0.041	2.46461028	2.42284392	2.35631607	2.49751706	2.71851757
0	0	0.02472061	1.00E-04	0.00442448	0.00954991	0.079105
0.004	0.004	1.22299978	1.04316023	1.42722355	1.55494886	1.1088831
0.155	0.16	3.44563045	3.62227511	3.38125441	3.68195344	3.22610958
0.008	0.012	2.57808644	3.63892108	3.01575753	2.98696104	2.65702797
0.214	0.23	3.87462552	3.80649039	4.33554041	4.31381462	3.92452394
0.008	0.004	0.45730474	0.58719121	0.56628517	0.61679779	0.56834319
0.27	0.303	3.93155479	3.85046789	3.93454928	4.04009167	4.19779918
0.119	0.135	2.94785679	2.9450764	3.16546689	3.22103542	3.0613346
0.151	0.209	4.04781552	4.29236499	4.61367997	4.59237847	4.12440137
0.468	0.41	5.20531877	5.19993835	4.95637163	5.07459903	5.04317711
0	0	0.37921183	0.3612301	0.47873396	0.97426732	0.19326738
0.46	0.41	5.59968949	5.71055694	5.57682531	5.65437264	5.65669272
0.036	0.012	3.47590246	3.19377505	3.45407636	3.48794583	4.11052595
0.19	0.201	3.30334052	3.9241581	3.75425428	3.73569364	3.76643722
0.567	0.496	4.37272533	4.70184324	4.15383064	4.29592116	4.99783976
0.091	0.115	2.76069115	2.86023577	3.47426385	3.42841018	3.13981952
0.044	0.061	0.17703378	0.18431006	0.14028608	0.19965518	0.03983906
0.377	0.369	3.68663719	3.78722244	4.47318646	4.41160927	3.93965134
0.456	0.525	5.03775928	5.14302079	4.91908436	5.06363677	4.93009757
0.071	0.07	2.34605681	2.41149033	2.3579146	2.4905785	2.38591592
0.155	0.148	3.42638417	3.30053393	4.07778039	3.89722519	3.77804901
0.282	0.283	4.754095	5.05803556	4.38668616	4.60642928	4.59485622
0.881	0.832	5.55852135	6.02870756	5.22631273	5.38881818	5.84149927
0.004	0.041	1.97286443	1.76280889	2.39881775	2.37821675	1.81150754
0.06	0.078	2.48899895	2.66552974	2.62021965	2.76823498	2.68531584
0.095	0.082	2.09595159	2.18623061	2.33976517	2.48396605	2.28914312
0.048	0.061	2.23613488	2.55372394	2.677202	2.58809451	2.12400595
0.071	0.025	2.2379861	2.35980051	2.31424965	2.4007417	2.57241371
0.179	0.131	3.59463297	3.48492316	3.71152161	3.76798995	3.80113973
0.433	0.385	5.21924904	5.39467066	5.88315971	5.77069071	5.57489889
0.48	0.537	3.32438779	2.89435611	4.0724757	4.12669064	3.50332209
0.004	0.008	0.31827809	0.42957426	0.37600461	0.38512513	0.83226669
0.008	0.008	0.69432163	0.73287658	0.76365008	0.78771693	0.8051505
0.774	0.779	6.24708733	5.88758429	7.20090097	7.05661635	6.65727196
0.063	0.074	1.66011969	1.73407659	1.9873799	1.98174138	1.88076284
0.135	0.123	2.82575535	2.93019865	2.90567739	3.06225039	2.940263
0.056	0.049	2.10679936	2.07446472	1.84795559	1.97510249	2.21918461
0.357	0.307	3.72771018	3.78695906	4.04985869	3.96744236	3.8862743

0	0	1.00E-04	0.02945735	0.00532716	1.00E-04	1.00E-04
0.23	0.225	3.82585683	4.00089867	4.34277218	4.31327876	3.83071273
0.179	0.221	4.52480371	4.47750054	4.22515361	4.39988024	4.49152693
0.27	0.234	4.46056701	4.45429691	4.33527953	4.37922352	4.0847904
0.012	0.008	2.42213186	2.32754348	2.51747316	2.95422234	1.94438651
0.004	0.008	0.5527401	0.48166226	0.65888624	0.68972466	0.47773494
0	0	0.79089882	0.88382973	0.7303435	0.68206467	1.00E-04
0.333	0.254	6.48200105	6.71677454	6.08414528	6.29771801	6.24178635
0.075	0.078	2.35618423	2.57667254	2.67885743	2.71574337	2.41441941
0.075	0.082	2.54223183	2.71859633	2.80462223	2.70383458	1.89876165
0.103	0.123	3.03861452	3.11474216	2.8000763	3.06007489	3.38632871
0.032	0.033	1.42286142	1.58627518	1.29673915	1.39843361	1.40042653
0.02	0.008	0.91846504	1.1250496	1.02045679	1.29149183	1.23317464
0.147	0.201	3.49859064	3.75985579	3.24922001	3.45133318	3.55373055
0.083	0.061	2.9343973	3.3066357	2.76975742	2.99700389	2.89074411
0.02	0.025	0.90450682	1.27653329	1.1824572	1.25504484	1.11193465
0	0	0.18637852	0.20832973	0.27703907	0.24580901	0.17158102
0.012	0.004	1.3622368	1.11087422	0.93825064	1.16493084	0.95202536
0.056	0.078	2.1841648	2.20179341	2.18691614	2.42374573	2.25169213
0.433	0.373	5.16114746	5.39434248	5.05227118	5.16713856	5.29001839
0	0	0.15515734	0.55173142	0.16630345	0.32887243	1.00E-04
0	0	1.00E-04	0.00668612	1.00E-04	0.00523952	1.00E-04
0.135	0.152	2.29475477	2.48575813	1.9195405	1.99537993	3.66441389
0	0	0.23268523	0.18977277	0.16473599	0.26323569	0.16914561
0	0	0.01335119	0.02147592	0.02489494	0.02272739	1.00E-04
0.226	0.299	4.82533145	4.95451314	5.03980461	4.73555757	5.78757365
0.139	0.131	3.90031552	3.82228253	3.7951555	3.878124	4.00082117
0.345	0.34	4.24048466	4.29057017	4.63708309	4.59616337	4.25756134
0.433	0.373	4.64299145	4.92546533	4.24952925	4.42439972	4.72065201
0.361	0.381	5.30552213	5.54825466	5.11154222	5.12303594	5.49728814
0.337	0.246	4.28599528	4.46009554	3.80248597	3.93663051	4.34787516
0.329	0.254	2.01140178	2.1368598	2.00157822	2.05344764	3.36228982
0.143	0.082	3.66685425	3.80608643	3.176811	3.27893567	3.48590066
0.226	0.225	3.36323987	3.38315003	2.96734762	3.21937365	3.67376115
0.409	0.426	4.62677785	4.74305383	4.61824557	4.62174611	4.77538702
0	0	0.54293772	0.31647815	0.24787864	0.28355696	0.62809157
0.163	0.131	2.69115234	2.68478081	3.42897294	3.35098255	3.00357052
0.028	0.029	0.12800885	0.69737661	0.69385337	0.38674108	3.34809506
0	0	0.56182439	0.43064157	1.16136595	0.79521454	1.92102253
0	0	1.00E-04	1.00E-04	1.00E-04	0.01326945	1.00E-04
0.349	0.352	4.49006847	4.41046449	5.22319654	5.1158681	4.5721973
0.151	0.131	3.36435707	3.36923951	4.03456829	3.92645244	3.72979579
0.067	0.066	3.12551825	3.24209515	2.58306737	2.84608115	2.97696149

0	0.004	1.46436252	1.98564479	0.98968	1.42484899	1.32139153
0.103	0.119	3.06931692	2.98416327	2.68172802	2.73858086	3.21409972
0.024	0.041	1.48017868	1.47462638	1.75673197	1.77171506	1.26329843
0.095	0.082	2.11393598	2.11390618	2.01533402	2.08003463	2.44382294
0.409	0.459	4.8794101	5.09480285	4.86409433	4.84990029	5.36504437
0.103	0.086	2.65391369	2.69042114	2.61340002	2.7046364	2.64193231
0.056	0.074	2.22023862	2.32020766	2.96803608	2.92340804	2.14073939
0.369	0.414	4.13193245	4.22412336	4.55456526	4.47733323	4.23754337
0.829	0.791	6.57246817	6.65027898	6.55554692	6.46526899	6.61466647
0.008	0	0.81262988	0.9073863	0.44000522	0.34900837	0.9053667
0.012	0.07	3.75558311	3.96538704	3.38971666	3.59470185	4.23543344
0.508	0.512	4.63135196	4.67604268	4.28774899	4.37315712	4.97314843
0.127	0.143	3.48650511	3.57887669	3.61403729	3.42888173	3.28502454
0.044	0.057	2.73362683	2.2691509	2.86684244	2.75345654	3.16587734
0.087	0.074	3.2799895	3.26458342	3.37953783	3.43608461	3.20085456
0.496	0.463	6.48459027	6.58749415	6.10798157	6.30435862	6.73805484
0.591	0.537	5.15480374	5.38389293	4.87588753	4.90147941	5.35344224
0	0	1.00E-04	0.04016606	0.02860753	0.04463557	1.00E-04
0.052	0.045	0.14528749	0.30099959	0.23514266	0.21742725	0.03699437
0.004	0	0.56551421	0.31576711	0.1114857	0.23366955	0.10912775
0.583	0.578	5.15556906	5.30867771	4.70640162	4.84603996	5.01500379
0.012	0.012	1.57711833	1.69159316	1.2689287	1.28875357	1.428248
0.075	0.111	5.25208197	5.31664975	4.95473215	5.05578957	5.210269
0.024	0.012	1.53917483	1.7115082	1.18482047	1.31408521	1.69287382
0.115	0.152	4.29073669	4.222529	4.17054505	4.34085769	4.49308788
0.012	0.016	0.53239269	0.61451055	0.34248618	0.4303868	1.24069964
0.024	0.016	0.67696553	0.73964187	0.48441812	0.58152953	1.15754194
0.083	0.09	3.42830429	3.08873954	4.39440066	4.53450682	3.34617686
0	0	1.00E-04	0.0709429	0.01406588	0.01840483	1.00E-04
0.127	0.189	3.40492647	3.49803187	3.59642613	3.74261902	3.57898112
0.246	0.234	3.39734411	3.62325404	3.42317141	3.37670713	3.47729508
0.468	0.398	5.43701394	5.62610484	4.99033595	5.21246443	5.257293
0.675	0.639	4.84734668	4.93151576	4.36493377	4.50146714	4.79508353
0.179	0.197	1.41060511	1.6677934	1.30862544	1.37552535	3.8314508
0	0.008	0.4108116	0.27025477	0.37478167	0.47998486	2.54842124
0	0	0.78042603	0.88305698	0.72230385	0.71629111	2.52593252
0.091	0.057	5.96993566	6.00203916	5.48460296	5.66276431	5.92089313
0.21	0.258	2.59462241	2.38867347	2.8196473	2.8110994	3.11890761
0	0.004	0.25222238	0.24627103	0.32203201	0.42858124	0.78482452
0	0	1.00E-04	0.01773142	1.00E-04	0.04727598	1.00E-04
0	0	0.29631628	0.39498126	0.13580249	0.21396599	0.04863736
0.063	0.061	0.27517341	0.44353074	0.34424328	0.35296063	0.27612998
0.369	0.234	6.26661406	6.3191811	6.13783027	5.88168831	6.24956033

0.012	0.004	0.51679108	0.66286555	0.72238414	0.82806587	0.73825421
0.008	0	0.36967655	0.20942063	0.38570167	0.37486828	0.79009019
0.004	0.02	0.26034552	0.31797783	0.30447772	0.29686498	0.20810265
0.389	0.41	3.22290144	3.23369416	3.0678186	3.14960737	3.53831387
0.083	0.098	2.17009092	2.14604688	2.52379847	2.57595737	2.70016345
0	0.012	2.31645325	3.21755242	2.54627224	2.81615395	3.81696165
0	0.004	1.86548853	1.5697055	1.38299401	1.64347525	1.9047067
0.016	0.004	2.68167622	2.46876329	2.83212055	2.78060218	3.31132598
0.008	0.004	0.35319905	0.526734	0.21803681	0.19298664	0.7078506
0.012	0.004	1.94779076	2.01574093	2.29912751	2.33274919	1.90699706
0	0	0.0880026	0.13532981	0.12782805	0.25129318	0.08617251
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.679	0.738	3.57075347	3.50589392	3.65862372	3.85846186	3.90890054
0	0	1.00E-04	0.01725023	0.01803207	0.04724355	1.00E-04
0.135	0.152	1.62592285	1.21442116	2.32845201	2.48323473	3.28717019
0.361	0.357	4.20225672	4.33998395	4.06404724	4.11910592	4.48989476
0.044	0.041	4.54479685	4.12727238	4.70983637	4.76925759	4.20779833
0.194	0.221	4.06233642	4.0519369	4.393337	4.38155995	4.24396637
0.02	0.004	3.65939932	3.33872302	3.30629453	3.22829747	2.15268991
0.036	0.02	0.8042315	0.99735715	1.35536032	1.31580345	0.79430528
0.036	0.029	4.73961582	4.78822836	4.49492568	4.51949771	4.66335246
0	0	0.38916689	0.59013464	0.29991428	0.24644792	1.00E-04
0.048	0.037	2.07368677	2.19741969	2.2754632	2.36894505	2.08950653
0.06	0.066	1.06920162	1.39995603	1.00205492	1.16106562	1.43933799
0	0.004	0.00726784	0.01089653	0.00964421	0.00577746	1.00E-04
0.405	0.422	4.52943806	4.99832546	4.28295449	4.47409861	4.92293286
0.393	0.373	4.46215634	4.61057487	4.23999066	4.36732701	4.52267299
0.071	0.078	2.62341471	2.64274478	2.29248468	2.61312428	2.71290302
0.171	0.127	3.21105624	3.14648963	3.48926785	3.49272917	3.47567096
0.179	0.066	2.65904029	2.87200475	2.78140339	2.93167094	2.81635963
0.294	0.213	4.18921105	4.15353098	4.27603138	4.24366941	4.13711256
0.21	0.189	3.1425696	2.98075584	3.14505754	3.23981424	3.47364594
0.099	0.111	3.72144537	3.83299462	3.44543037	3.43885501	3.30840093
0	0	1.00E-04	0.00970257	0.01169565	0.00643787	1.00E-04
0.008	0.008	1.48957271	1.00618172	1.36201661	1.42834798	1.32586559
0.143	0.123	2.9737875	3.19647859	3.33692242	3.47860093	3.08953006
0.194	0.168	3.56210778	3.2688449	3.96945581	3.89580178	3.60423556
0.012	0.029	2.38372825	1.91913097	1.58347376	2.05832114	2.94256885
0.06	0.025	3.6915872	4.4496466	3.45560594	3.74436541	2.59881707
0.012	0.012	1.18067951	1.10933213	0.832272	0.84776232	1.30674764
0.23	0.254	3.17486282	3.26872831	4.15610471	4.01116589	3.56802882
0.06	0.029	2.3308534	2.65980501	2.33066074	2.45880553	2.89657151
0.202	0.205	3.15639753	3.29055012	2.95250991	3.16880523	3.51500908

0.417	0.311	3.93867697	3.87359585	3.71951411	3.88224608	3.97957122
0.147	0.148	2.91047191	2.99239726	2.89226074	3.05900875	3.24841162
0.004	0.008	0.22590725	0.24562518	0.17497811	0.21213696	0.13828508
0.198	0.189	2.96920846	2.96662858	2.97456524	3.09819498	3.18451845
0.048	0.066	2.34332246	2.13021007	2.27525236	2.32550815	2.42804221
0.111	0.131	2.75835907	2.72107829	2.44782983	2.76323276	2.89802013
0.024	0.033	1.46221019	1.56426551	1.93197552	1.91806654	1.68172878
0.222	0.242	4.05779807	4.0505424	4.19932973	4.15719051	4.2048222
0.099	0.107	2.87866333	2.8084803	2.96799434	3.10581433	3.10079419
0.155	0.156	3.96314938	3.94202991	3.63931953	3.67848395	4.32207576
0.04	0.02	0.28344712	0.40665488	0.45173369	0.46346408	0.12342691
0.159	0.148	3.09384914	3.09836901	3.42031871	3.37912394	3.37282522
0.266	0.197	3.65329028	3.84605634	3.77738635	3.88508702	3.88476425
0	0	0.24679926	0.41156082	0.32610934	0.23687924	0.05889102
0.476	0.455	4.96443865	5.04371615	4.86659204	4.95358189	5.01760787
0.496	0.434	4.8330316	4.97596173	4.60427768	4.76123955	4.77590244
0.298	0.311	4.02667949	4.22967324	3.94069347	4.07692476	4.13706612
0.143	0.119	3.16175194	3.18455893	3.3495538	3.43318656	3.43461894
0.361	0.439	4.63703607	4.34647184	5.38182331	5.24150032	4.87776803
0.536	0.439	4.63549015	4.78313728	4.21324378	4.40508706	4.73667331
0.183	0.127	3.35169325	3.3975118	3.41052649	3.45447224	3.40515102
0.079	0.09	1.1685171	1.25133924	1.42768994	1.3879463	1.34186294
0.71	0.66	5.22174261	5.27744232	5.4509452	5.36016877	5.53905048
0.202	0.193	3.67219249	3.81869781	3.6162178	3.77241441	3.80356917
0.115	0.074	2.81680692	2.92487768	3.34396784	3.2377525	2.98642708
0.127	0.148	2.74690104	3.24912052	3.26599459	3.34904667	2.69960721
0.004	0	0.89013418	1.44598076	0.53776673	0.488745	0.62891769
0.02	0.049	1.57371504	1.52740565	1.68143503	1.85380988	1.62233444
0	0.008	0.80099173	0.44528184	0.67331544	0.70500971	0.69501239
0.095	0.102	6.51682203	6.66856902	6.26957495	6.26402946	6.70234651
0.032	0.07	1.63860949	1.71339589	2.01096543	2.00145155	1.84996497
0.417	0.324	4.35527751	4.53351678	4.13785385	4.37650106	4.45114114
0.484	0.463	5.31395326	5.6267578	5.06948628	5.18901699	5.07365288
0.099	0.094	2.59573117	2.84315326	2.93181091	2.87522079	2.71098603
0.234	0.234	3.61431797	3.70790648	4.31693815	4.23535609	3.89009534
0.698	0.742	5.54301765	5.83242579	5.4692337	5.55006365	5.54220333
0.06	0.057	2.11708462	2.75799388	2.2078785	2.58695579	2.37685685
0.004	0.008	1.19542668	1.37198649	0.68332489	0.98187726	1.28154168
0.373	0.316	3.90112932	3.90650326	4.10537049	4.16619895	4.1473457
0.095	0.061	2.27603683	2.25352443	2.92265699	2.79534233	2.35111941
0.024	0.086	2.18923765	2.63386094	2.80310663	2.76738936	2.08070226
0	0.004	0.19886785	0.18022118	0.26436135	0.23862203	0.29275175
0	0	1.00E-04	0.01613582	0.01290662	0.00108238	1.00E-04

0	0	1.00E-04	1.00E-04	0.00351785	1.00E-04	1.00E-04
0.02	0	2.93211145	3.30513542	3.61540802	3.53933636	1.15802654
0	0	1.00E-04	0.02390941	0.0168257	0.03497387	1.00E-04
0	0	0.30555888	0.34484178	0.361419	0.35974958	0.58392089
0.635	0.586	5.35868981	5.58392008	5.1505833	5.27090138	5.98739334
0	0	0.16296486	0.18772099	0.13558009	0.13524495	0.04209384
0.167	0.09	5.77266805	4.88797782	4.44846595	4.70126581	6.17798806
0	0.004	0.01892615	0.11054579	0.07749889	0.11078563	1.00E-04
0.099	0.078	2.97678728	3.20232174	2.6923728	2.9641498	2.85229749
0.417	0.471	4.3296755	4.77836965	5.17114509	5.09598865	4.5998707
0.448	0.426	4.80011316	4.84059363	4.43716143	4.67643539	4.85604876
0.298	0.307	3.91339826	4.19410287	3.86001387	4.04787739	3.66773407
0.063	0.066	3.72467961	4.11628876	4.1532424	4.02230484	3.30878736
0.036	0.033	0.50261894	1.01274185	0.66030825	0.46496224	0.54724902
0.155	0.217	2.34823276	2.50061234	2.29098729	2.51823946	2.41633386
0.147	0.168	2.97931311	3.10239348	2.87830573	3.03123632	2.88479026
0.147	0.148	2.60369978	2.81289036	2.56340647	2.73695662	3.14370809
0.175	0.131	2.52737838	2.49335094	2.90080458	2.9183017	2.90911994
0.107	0.074	2.98102081	2.96458193	2.95043522	3.16120109	2.81968521
0.159	0.127	3.72067062	3.763363	3.71586026	3.93118586	4.05242249
0.008	0.004	0.64565264	0.55350416	0.68382251	0.70069413	0.86353121
0.028	0.057	2.08493695	2.20033887	2.60492024	2.54679187	2.09432469
0.262	0.234	3.7448127	3.65203318	3.4058787	3.65620847	3.61564123
0.139	0.119	3.70296852	3.69306453	3.84615891	3.96310451	3.62799742
0.052	0.041	2.1905575	2.13957027	2.30717787	2.34790751	2.5503853
0.075	0.078	1.53096488	1.86467818	2.2143167	2.18142187	2.19048452
0.012	0	0.73281129	0.81980456	0.67904491	0.8571534	0.59813337
0.298	0.32	4.90827951	5.05799884	4.60990249	4.82630418	5.17191022
0.02	0.02	0.77077906	0.79829507	0.80944634	0.77585771	1.04871779
0.325	0.344	3.87158104	3.93981868	3.71826107	3.85799263	3.92183043
0.615	0.627	0.97007884	1.09614668	0.87436794	1.19204717	3.7851875
0.012	0.016	2.46742076	2.7068281	2.03111754	1.95251694	2.59657943
0	0	1.00E-04	1.00E-04	0.00928093	1.00E-04	1.00E-04
0.016	0.025	1.27158562	1.291616	1.27593684	1.18725709	1.61575869
0.067	0.033	2.51295339	2.50143039	2.80023898	2.78707618	1.64826993
0	0	0.32341397	0.37257496	0.37639278	0.39030154	0.52469221
0.016	0.004	0.85236053	0.96403258	1.00072635	1.16111603	0.81028067
0.091	0.131	2.42317752	2.37630695	2.96009153	2.91946564	2.22036685
0	0	1.00E-04	1.00E-04	0.01285306	1.00E-04	1.00E-04
0.016	0.016	1.2458754	1.11286058	1.27812623	1.34087959	1.27767237
0	0	1.00E-04	0.01046815	0.01657176	0.00669146	1.00E-04
0.004	0.004	0.01206533	0.00330337	0.01994319	0.06609283	1.00E-04
0.226	0.189	4.70894386	4.70526158	5.00404339	4.91370325	4.39163067

0.044	0.025	2.18665328	2.57000748	2.12014687	2.24932757	2.42678082
0	0.004	0.73694938	1.29477124	0.78216051	0.98652179	0.8629348
0.024	0.029	0.78707356	1.03482029	0.82434181	0.97865705	0.66883422
0.131	0.119	3.31469213	3.21047169	3.39891399	3.39944935	3.54741024
0.004	0.004	0.67913129	0.43171997	1.00450683	0.90933608	0.73432822
0.024	0.029	1.89269795	1.95672393	1.79834749	2.08132824	2.05488507
0.008	0.012	1.29012333	1.49086267	0.77060582	1.07005865	0.95925186
0.004	0.004	0.18736319	0.25950954	0.17677549	0.30118595	0.24010473
0.004	0.008	0.33017106	0.41622128	0.51976046	0.48642323	0.22776693
0.313	0.324	5.39204235	5.58278819	5.2130552	5.35367994	5.02848898
0.016	0.029	1.45847059	1.64609351	1.97086355	1.95375213	1.74416916
0.333	0.422	3.75125134	3.91425321	4.17385278	4.21686485	4.15319214
0.012	0	0.67651215	0.69179338	0.99036052	0.93603314	0.5165699
0.345	0.291	5.06199593	5.43979623	5.68469083	5.22030944	6.10341787
0.079	0.164	2.48281714	2.88028002	2.86391353	2.9771857	2.70801997
0.198	0.152	3.36147644	3.92669684	3.71383829	3.30521126	4.24321882
0.433	0.377	4.52957411	4.66970057	4.03843143	4.27014988	4.68241426
0.31	0.266	3.7993186	3.57866498	3.88206316	3.82949479	4.31513638
0.024	0.029	1.19756739	1.39503765	1.34055499	1.45150164	1.51353866
0.008	0.008	0.50909994	0.57285168	0.65014482	0.64488293	0.69874655
0.06	0.037	3.90291113	3.63192332	3.71088072	3.88490646	4.47170073
0	0.004	1.00E-04	0.02930815	0.01186716	0.02004708	1.00E-04
0.004	0.012	0.34060559	0.40318906	0.47936513	0.35012266	0.09773173
0	0	1.00E-04	0.01123319	0.00352809	0.00781162	1.00E-04
0.044	0.053	4.03320179	3.95331848	4.49264048	4.47766003	4.02993074
0	0	0.19674017	0.35352445	0.24139527	0.27315017	0.39363201
0.04	0.057	2.66349706	2.7063196	3.34959739	3.15727001	2.88136764
0.345	0.328	3.98129783	4.11569681	3.4760862	3.80068813	3.98818379
0.036	0.02	1.37522438	1.35220905	1.01094301	1.04138074	2.73723882
0.313	0.357	4.16362852	4.14174649	4.87484111	4.86332381	4.38041257
0.698	0.668	5.68098587	6.00073446	5.36835436	5.5937141	5.64787438
0	0	2.07208699	1.81998798	1.42592812	1.45813989	0.22516275
0	0	0.05758426	0.04652606	0.04755581	0.0483576	0.04564578
0.579	0.602	3.70479399	3.48247592	3.47896652	3.59980946	3.66450453
0	0	1.00E-04	1.00E-04	1.00E-04	0.05303139	1.00E-04
0.286	0.217	4.20504517	3.94770891	4.12803778	4.18127874	4.22896928
0	0	0.03970334	0.04393138	0.03633534	0.03829694	0.14545924
0.778	0.639	7.6916258	7.17172637	8.44871249	8.29137618	8.06729207
0	0	1.00E-04	1.00E-04	1.00E-04	0.00565439	1.00E-04
0.282	0.332	0.23179181	0.78779238	0.43667363	0.38986928	0.70813826
0.056	0.066	3.06624657	3.13809947	3.50829681	3.48757124	3.02492097
0.167	0.172	2.82280919	3.10404093	2.96793274	3.17753011	2.52611703
0.063	0.078	3.12027404	3.16503088	3.02649331	3.25007527	2.71582882

0.19	0.225	3.94174036	4.01134011	3.60552878	3.77117283	3.88011583
0.524	0.492	4.78406961	5.03172153	4.40997036	4.57318167	4.74569918
0.282	0.303	4.20595689	4.25852738	4.98376424	5.01066969	4.22795282
0.052	0.066	2.63882	2.605354	2.34197754	2.47819406	2.81258977
0.266	0.311	3.33563823	3.21575722	3.92567502	3.90586737	3.49487407
0.075	0.086	2.32957514	2.25400036	2.57301713	2.57358079	2.2832954
0.012	0.025	1.15880665	1.22171758	1.27875575	1.47558243	1.6736445
0.341	0.291	3.90601307	3.89043601	3.87191061	4.01609811	3.90322858
0.048	0.037	1.744667	1.77746346	2.05512903	2.05794373	2.08871643
0.052	0.061	2.63354912	2.81809029	2.23727392	2.39453559	2.61217395
0.06	0.082	1.92166063	2.08548645	2.05883615	2.24565195	1.95624405
0.024	0.012	1.52333591	1.71417033	1.67299932	1.95707431	2.30007848
0.004	0.016	0.58640903	0.63171931	0.84591486	0.92633478	0.54871163
0.214	0.156	4.42707345	4.71076371	4.55975968	4.28052641	3.86235537
0.075	0.111	3.04451198	3.09450337	3.4127625	3.45320525	3.06067136
0	0	0.2043998	0.22987854	0.16162556	0.12739165	0.4114212
0.032	0.053	0.07483598	0.18197433	0.11258011	0.08821734	0.27132238
0.06	0.061	2.50116468	2.77507537	3.13383882	3.13401387	2.48430353
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00969478	0.02118768	0.0185781	1.00E-04
0.048	0.037	2.41027486	2.62824242	2.47113529	2.72227044	2.59527485
0.329	0.34	3.82200416	3.63749559	3.33612567	3.4567285	5.341232
0.004	0	0.20841491	0.30432332	0.51165037	0.25951054	0.26891888
0.155	0.148	2.78596119	2.98525247	2.60605016	2.85307112	2.84739452
0.131	0.115	3.08337559	3.04508535	3.07229293	3.18657059	3.36523132
0.167	0.152	5.37985702	5.29543088	4.89023879	4.8538707	5.57376745
0.508	0.451	4.66311752	4.81580565	4.00874773	4.24954526	5.04652442
0	0.008	0.17547169	0.27867937	0.23942434	0.33529356	0.05716952
0.04	0.049	2.1292479	2.13258922	2.30954306	2.36962202	2.59626136
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07218951
0.393	0.324	4.29912893	4.38282804	3.89327696	4.15762548	4.55192658
0.02	0.02	0.10906474	0.08500005	0.05548265	0.08172966	0.14212665
0.06	0.066	2.2605754	2.47126566	2.78870522	2.79059448	2.46922313
0.012	0.029	1.7333155	1.55096785	1.55897307	1.72202072	1.73147999
0.385	0.369	5.90713944	5.92113643	5.74070822	5.876774	5.73319857
0.028	0.008	2.50868802	2.74034074	2.56660095	2.79918744	3.92156487
0.31	0.307	4.35521932	4.64778825	4.91909837	4.95878975	4.29943074
0.012	0.008	3.77432585	3.70873235	3.56816634	3.55512328	2.99325179
0	0	1.00E-04	0.03623867	0.01921696	0.02554929	1.00E-04
0.032	0.016	2.02400456	1.8219836	1.74950095	1.96262472	1.6082071
0	0	0.17775324	0.39384603	0.15502211	0.14286952	0.33642263
0.016	0.025	0.94167502	0.97793822	0.82402434	0.97380404	1.32755815
0	0	1.00E-04	0.07628666	0.04464124	0.05301536	1.00E-04

0.091	0.074	0.87915851	1.46951242	1.28065805	0.74480035	3.85539702
0.091	0.074	2.1137978	1.91498972	3.17424934	3.18180668	3.67788197
0.008	0.004	0.32754281	0.36439919	0.26605675	0.22352055	0.38986185
0.04	0.07	2.88650503	2.84850083	2.71021449	2.99236207	4.313997
0.004	0.008	0.3841865	0.40231075	0.205186	0.19581088	0.15396858
0.067	0.094	2.23476608	2.14382146	2.61278984	2.55605866	2.78196517
0.298	0.217	0.45660116	0.38562171	0.61233966	0.57477403	1.11997112
0.206	0.197	2.4655366	2.35319191	2.47303766	2.43429038	1.22448996
0.028	0.049	2.59737314	2.45724766	2.79449513	2.90199888	3.54681711
0.135	0.172	4.15924247	4.12843514	4.82303075	4.74024514	4.45249369
0.135	0.098	3.54565559	3.60666049	3.64610177	3.37888873	4.69492012
0.012	0.012	0.60189195	0.9344228	0.60897627	0.66861303	0.74434655
0	0	1.00E-04	1.00E-04	1.00E-04	0.01094917	1.00E-04
0.012	0.004	1.05556733	1.37124027	0.88489676	1.0441958	0.61854495
0.163	0.184	1.61393064	1.41741825	1.58916683	1.75830729	1.24127989
0	0	0.03561922	0.04777499	0.00558553	0.01126389	0.03676066
0.004	0.029	0.44117804	0.35126018	0.26203155	0.31503661	1.03669195
0.012	0.02	5.37959955	5.04773075	4.71208813	4.86076995	4.72115417
0	0	0.02281586	0.02913883	0.02353767	0.00163018	1.00E-04
0	0	1.00E-04	1.00E-04	0.00361117	1.00E-04	1.00E-04
0.21	0.205	0.73854779	1.05663743	0.76601566	0.89863165	1.46089416
0	0	0.05153854	0.08631266	0.10848362	0.08786334	0.05105838
0	0	0.15444023	0.29134867	0.33453265	0.17748558	0.18251459
0	0	0.06126936	0.14364915	0.17481462	0.36190215	1.00E-04
0.123	0.156	3.73623754	3.86673825	3.3171887	3.4732964	3.99966852
0.063	0.066	4.19116521	4.1575636	4.28320203	4.49749706	3.88938936
0.032	0.041	2.35761793	2.6343104	2.50963868	2.65101188	2.41411909
0	0	0.08067974	0.11852442	0.04163324	0.05905989	1.00E-04
0.067	0.037	3.51252597	3.83063981	3.62609413	3.60093216	3.43072871
0.008	0.004	0.07290364	0.23534092	0.16368991	0.16391461	0.14488526
0.016	0.008	1.01723591	1.03590559	1.11542568	1.37753025	0.85130294
0.012	0.008	0.29623699	0.2757542	0.11237062	0.1093205	0.40626816
0	0	1.00E-04	0.08681623	0.02527041	0.05796028	0.16961174
0.048	0.02	0.68857746	0.84141526	0.59281165	0.90781278	0.6909305
0	0	1.00E-04	1.00E-04	1.00E-04	0.01037227	1.00E-04
0.373	0.434	4.80141851	5.02727082	5.26316594	5.0755699	4.94455436
0.02	0.012	0.58523881	0.72872967	0.79093753	0.88438457	0.95144755
0.016	0.02	2.0279394	2.11873601	3.13470424	2.72188721	3.00764778
0.071	0.053	1.96050896	2.06409552	2.45614133	2.45382887	2.20941862
0	0	1.00E-04	0.04396423	0.01786886	0.027398	1.00E-04
0.607	0.648	5.49017407	5.49272526	5.84428512	5.86356428	5.61158709
0.131	0.09	3.20953548	3.02813507	3.54529921	3.10815593	3.51611527
0.04	0.061	1.69735918	2.1186039	2.10676953	2.14120548	1.90518525

0	0.02	2.2278436	2.17016835	2.18405575	2.19004535	1.82151728
0.052	0.053	1.7781191	2.06428567	2.19880645	2.42363554	2.771613
0.091	0.098	1.41552447	1.70274346	2.13817442	1.93154267	1.8432499
0	0	0.39212802	0.40693579	0.4119696	0.3707258	0.42465214
0.21	0.176	0.64634747	0.82536804	0.71990528	0.63231513	1.49743566
0.206	0.213	3.61849892	3.7440349	4.32838993	4.231215	3.8557019
0.508	0.566	4.78209889	4.91160768	4.67175126	4.65825237	5.08197037
0	0.004	0.14576505	0.2206766	0.22353823	0.40330754	0.26100795
0.179	0.111	4.29818725	4.38484244	4.52963436	4.48181379	4.35046317
0.21	0.197	3.54829315	3.7534463	3.43835971	3.56432022	3.46605423
0.083	0.098	2.63229065	2.76746114	2.81166177	2.89734933	2.65302247
0.016	0.016	1.13893355	1.42117676	1.31462137	1.05554172	2.32861415
0	0	1.00E-04	0.04570198	0.04460916	0.08080272	1.00E-04
0.028	0.053	2.49854219	2.7193859	2.17204195	2.45880392	2.29061077
0.004	0.008	0.72563779	0.99518863	0.75496433	0.95191425	0.45653896
0	0.008	0.28881447	0.31884389	0.19462145	0.26777567	0.41262071
0.008	0.004	0.8476236	1.10737835	0.58595659	0.72583233	0.93924616
0.02	0.004	0.80828809	0.93433618	0.79078647	0.98621997	0.60706317
0.012	0	0.36842432	0.51628515	0.41693719	0.37418675	1.42330357
0.329	0.246	4.27472079	4.56922282	3.97031997	4.14437883	4.39435837
0.056	0.061	0.2766426	0.27070406	0.19648854	0.27296057	1.00E-04
0.052	0.082	1.97486785	2.06898136	2.28243079	2.30969226	1.98251926
0.139	0.119	3.95994533	4.00757861	3.44420108	3.57411144	3.79324791
0.643	0.664	4.52124405	5.20624346	4.12647823	4.43335923	4.84365473
0.044	0.061	2.35069306	2.36302972	2.82348722	2.81427457	2.58522947
0.282	0.279	3.89161142	4.17804179	3.75740285	3.86887124	4.04258659
0	0.008	1.00E-04	0.59224872	0.46070967	0.44545674	1.00E-04
0.012	0.004	2.00763425	1.77599765	1.98551372	2.065822	2.05493701
0.056	0.045	3.69445898	3.8374099	3.63870968	3.71675864	3.54540101
0.202	0.176	4.67610626	5.12026323	5.08897703	5.02116792	4.88411036
0.008	0.029	1.01452375	0.8854815	0.63521143	0.923047	0.61010233
0.012	0	0.1007877	0.09627239	0.1217564	0.14472066	0.13775251
0.032	0.02	3.82557691	3.9152033	3.38326255	3.71831876	2.37220897
0	0	0.33438972	0.34594369	0.17243022	0.17761546	0.03658585
0.004	0	0.67412433	0.4434183	0.31891209	0.33895944	0.17126898
0.004	0	0.07943709	0.19264417	0.06862458	0.09943904	0.36847282
0	0	1.00E-04	0.00570364	0.01180652	0.03119633	1.00E-04
0.004	0.012	0.53105833	0.87962338	0.50350649	0.50793025	0.84297703
0.04	0.049	3.60649703	4.32755403	3.41005583	3.7918523	3.78789031
0.643	0.529	5.19385318	5.16511943	4.86206933	4.95072619	5.14212171
0.095	0.098	2.66692927	2.81453804	3.04158684	3.02265574	2.85273514
0.048	0.041	1.39571161	1.09489478	1.24203004	1.25224123	1.56068014
0.163	0.061	2.67701186	2.82731758	2.63162937	2.90250017	2.86644835

0.143	0.168	3.38459541	3.4735103	3.63470747	3.61397027	3.53713667
0.048	0.082	2.97803483	2.83280896	3.05928459	3.02777821	2.7387279
0.317	0.32	4.16117799	4.15617528	4.25097477	4.31006082	4.28512516
0.091	0.053	1.66880519	1.63936084	1.91885021	1.98895941	1.50536182
0.103	0.143	3.27782354	3.25774936	3.16580727	3.33528242	3.14461499
0.226	0.197	4.28386461	4.37868287	3.8111531	4.03016352	4.34953356
0.131	0.07	4.49907859	4.87521534	5.10728428	4.54317355	4.96153275
0.048	0.045	1.99480165	2.28364048	2.32928364	2.34582661	2.00221624
0.004	0	0.03111104	0.05305096	0.03053471	0.07330688	1.00E-04
0.044	0.029	2.19252481	2.24874567	2.36781675	2.42808622	2.31640364
0.869	0.865	2.52713007	2.88170517	2.4276193	2.68342708	3.99011054
0.048	0.049	1.51197209	1.96985177	1.60002482	1.84127473	2.26132217
0	0	1.00E-04	0.00451756	0.00343712	0.00941259	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.21187767	0.21158821	0.14567916	0.25172603	0.07134503
0.111	0.111	2.75442497	2.75188199	2.98277173	3.04723146	2.89383205
0.004	0.004	0.27943683	0.41310965	0.31045527	0.35383269	0.31800355
0.02	0.033	1.08773905	1.09092375	1.40009342	1.41751867	1.02547285
0.008	0.008	1.6077597	1.84236403	1.63912576	1.7374867	1.5415677
0.397	0.344	4.41979866	4.62825028	4.05485891	4.26451916	4.68881816
0.198	0.176	3.85711707	3.99112641	3.82817746	3.98829895	3.90720625
0.008	0.004	0.40389949	0.45469099	0.42362082	0.67662584	0.57466816
0.159	0.102	3.20445336	3.52173774	3.31406475	3.43401621	3.42371656
0.234	0.184	3.22588265	3.23012369	3.58222657	3.66545185	3.25368307
0.044	0.049	2.62377955	2.61561442	2.51002082	2.63303205	2.62492366
0.27	0.25	6.37110614	6.38797947	6.45829109	6.59680645	5.99513077
0.056	0.041	2.16572272	2.07965343	2.27204508	2.41507681	2.07310068
0.028	0.008	0.24773595	0.57935367	0.49472098	0.67354934	0.66545821
0.147	0.176	3.66978757	3.75625736	3.64427616	3.90665266	3.55247539
0.298	0.234	3.79106936	3.71563611	3.52226686	3.83677861	3.69874668
0.075	0.066	2.33198158	2.39025644	2.37330475	2.59155723	2.29513842
0	0	0.09374926	0.09090345	0.28762355	0.34663327	0.31261683
0.004	0	1.4480525	1.0511157	1.95529555	1.8961452	1.31369831
0.048	0	2.93848993	2.67586819	3.99754874	3.81602423	3.28630793
0	0	0.40366015	0.4728897	1.54753074	1.16573527	0.9358811
0.063	0.066	2.3971882	2.17817818	2.77172725	2.93975851	3.2529662
0.06	0.07	3.60734251	3.4586608	4.3996232	4.40359711	4.52198774
0	0	1.00E-04	1.00E-04	1.00E-04	0.00247353	1.00E-04
0	0	0.06055067	0.03410876	0.05384568	0.10733885	1.00E-04
0.067	0.045	2.48744251	2.45241233	2.73538119	2.88311548	2.72954841
0.044	0.041	1.39215577	1.65684713	1.99568951	1.87126947	1.44792433
0.226	0.266	4.77065019	4.83119938	4.85829936	4.87826342	4.80026539
0.198	0.164	3.24702897	3.10783005	4.08942031	4.00313028	3.71673974

0.421	0.389	5.32683132	5.49618109	6.19980493	6.02795646	5.25628112
0.052	0.033	2.22662643	2.30588723	2.56994686	2.62342238	2.35757069
0.405	0.361	5.14792418	4.97231308	5.85188567	5.80228036	5.43838308
0	0	0.62685833	0.46835111	0.57304449	0.72059997	0.80268177
0	0	0.03649946	0.08989451	0.06226806	0.07684318	0.26439275
0.012	0	2.43322115	2.86511856	3.18283549	2.10944184	1.14684404
0.254	0.238	3.99239117	4.12604206	3.9727161	4.08895474	3.98313046
0.119	0.09	2.99201578	3.10225817	3.00333263	2.99708328	2.67525823
0.119	0.168	3.43838259	3.49488069	3.26838079	3.36279068	3.66496621
0.234	0.262	4.53438883	4.80221274	4.24296811	4.4285603	4.41373545
0	0	0.0816414	0.14383214	0.11086931	0.1355172	0.0822421
0.147	0.164	2.19099332	2.1961424	2.86823643	2.78567273	2.5458313
0	0	0.02789012	0.09274212	0.04864604	0.06678226	1.00E-04
0.238	0.197	4.13191396	4.57558265	4.23391754	4.43653172	4.35750693
0.385	0.402	4.35871995	4.536932	4.26842122	4.44476523	4.38142673
0.119	0.131	3.35824668	3.48070315	3.22453423	3.46717444	3.39994221
0.052	0.041	2.08765332	2.15487512	2.4505263	2.27594827	2.1877736
0.087	0.057	2.13178036	2.20018847	2.20501915	2.27704643	2.20096917
0.282	0.348	0.96669108	0.92415194	0.96526292	1.22686997	2.9716417
0.226	0.242	3.1136206	3.0449643	3.1742112	3.33116176	3.38121915
0	0	0.07448312	0.13608312	0.06553609	0.11160047	0.13186721
0.373	0.357	6.10265199	6.24513845	5.95933893	6.04986067	5.96843515
0.385	0.381	5.33226583	5.47814955	5.27539789	5.29178983	5.60867101
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.063	0.053	2.47744687	2.61730743	2.36209345	2.61814672	2.89043655
0.143	0.107	3.41444681	3.72116091	3.26570983	3.4933924	3.91855211
0.091	0.082	2.76632716	3.0001395	2.77796035	2.93479722	3.00659515
0.028	0.045	2.62480284	2.77337268	2.51097223	2.69060025	2.56050606
0.067	0.061	3.36019902	3.39643442	3.64616933	3.67175376	3.14773366
0.052	0.037	3.09050256	3.45378267	3.1323012	3.1702109	3.17021134
0.012	0.012	2.69018995	2.96426733	2.42556862	2.6354826	3.84577152
0.313	0.266	3.29515571	3.37022749	3.20747162	3.21603253	3.79116569
0.147	0.143	3.27106384	3.09768863	3.05143293	3.21657714	3.15723499
0.504	0.516	5.72566029	5.57906277	5.47117051	5.71173647	6.10136621
0.008	0.02	0.90030395	1.13050831	1.1203047	1.23180745	1.34389319
0	0.004	0.02068517	0.01014777	0.01259974	0.01785239	1.00E-04
0	0	0.10725704	0.16976721	0.14138743	0.15928707	0.03969631
0.036	0.057	0.20063458	0.56313965	0.32740936	0.36479974	0.2337382
0.004	0.012	0.15421546	0.26031971	0.11079678	0.25183772	0.10155368
0.052	0.037	1.80437236	1.66816469	2.13008294	2.21351618	2.11748771
0.151	0.135	2.41535212	2.48513314	2.80448997	2.90878449	2.52575891
0.099	0.115	2.72028244	2.66753276	2.44978295	2.82023329	2.73875521
0.389	0.295	4.49043788	4.62125872	4.14226025	4.27171301	4.56375371

0.004	0.004	0.05846407	0.19048896	0.08988789	0.07243085	0.05829841
0.036	0.061	2.23669297	2.73891183	2.49960973	2.70312848	2.45289463
0	0.012	2.3138616	2.77330646	2.43344163	2.6249121	3.05858811
0.008	0.004	0.17299028	0.31313879	0.23541487	0.27875344	0.50763497
0.214	0.184	3.74904652	3.66937098	4.50108083	4.2879166	3.89929979
0	0	1.00E-04	0.03900992	0.0130423	0.02003383	0.08214031
0.004	0	0.19578796	0.29218644	0.22909039	0.37298659	0.31695984
0.19	0.094	3.58428711	3.66797168	3.35178128	3.455046	3.48440224
0.079	0.086	3.07745004	3.01359904	3.42489832	3.39866892	3.10444239
0.333	0.332	4.39975994	4.43629139	4.21367723	4.29554484	4.33876133
0.187	0.148	3.4548394	4.15127979	3.9669243	3.33984073	4.80507444
0.103	0.131	3.0183974	3.1245937	3.0491114	3.07532466	3.37137142
0.099	0.107	3.29532347	3.10850235	3.26826903	3.32132401	3.36441267
0.008	0.004	0.05644417	0.11512074	0.06977551	0.16040169	0.61341436
0	0	0.04105268	0.05707378	0.13378504	0.11469422	1.00E-04
0.016	0.016	0.24039056	0.36100673	0.31195448	0.29162946	0.26642256
0.012	0.004	0.39439003	0.47053355	0.46710099	0.7511331	0.38590787
0.536	0.512	5.49336195	6.96494139	5.13077658	5.50601494	5.78532473
0.083	0.139	2.9008207	2.93644652	2.82838409	2.96212157	2.8885226
0.016	0.012	0.99583526	1.09437846	1.2408074	1.31728678	1.0100894
0.028	0.029	3.99135541	4.00173277	3.66722289	3.83348274	4.01034746
0.091	0.086	2.62485066	2.59920896	2.61134484	2.64146899	2.74505189
0.079	0.119	2.89346829	3.10077434	3.23840224	3.30704401	3.20491022
0	0	0.00778135	1.00E-04	0.02159732	0.04839317	0.10051157
0	0.008	0.17688113	0.39234464	0.1965783	0.17535173	0.2360362
0	0	1.00E-04	0.01574733	0.00123424	0.00118209	1.00E-04
0.02	0.016	0.4495082	0.51101499	0.5180252	0.50672368	0.70329614
0.258	0.246	3.96676776	4.24286669	3.77829537	4.06446872	3.99160255
0.024	0.012	1.4447701	1.53472854	1.71130848	1.5824112	1.31263446
0.024	0.025	1.40816861	1.56885749	1.88940653	1.81350482	1.31090707
0.091	0.09	2.67754975	3.17656465	2.84660582	3.04425471	2.89686847
0.048	0.037	0.71491462	0.89142191	0.76204184	0.83612237	0.54085019
0.254	0.201	3.28789875	3.32147712	3.36743369	3.60675912	3.34775538
0.631	0.525	5.15913936	5.48448552	4.87979172	5.08880413	5.20775348
0	0.004	0.05230277	0.03511174	0.0457724	0.07348833	1.00E-04
0.337	0.344	4.07997202	4.0838618	3.87637592	4.18899464	4.23065001
0.107	0.09	2.93828048	3.01532544	3.07734018	3.10273512	3.19014117
0.091	0.049	2.60434709	2.7042902	2.59122672	2.68473905	2.68821395
0	0.008	3.70021131	3.41265856	3.19149106	3.25051329	2.03365946
0.063	0.082	1.52499489	1.48244851	1.70620708	1.78296233	1.55217612
0.183	0.127	2.91902685	3.09660096	3.66880811	3.52723777	3.17212691
0.063	0.057	2.65192167	2.36648595	2.76942301	2.75823798	2.62819473
0.198	0.217	3.69821615	3.52183932	4.19552462	4.18626443	4.11733486

0.151	0.111	3.18490413	3.26658002	3.0902745	3.22523387	3.24759588
0.175	0.16	3.95279996	3.86172987	4.2212274	4.27338896	3.9374591
0	0.004	0.84554522	0.97887234	0.62476454	0.82358116	0.70601908
0.421	0.455	5.06938693	5.26994543	4.63322055	4.72843639	5.15137459
0.06	0.025	3.53451908	3.64030973	3.35631913	3.49063686	3.89532866
0.365	0.357	4.09725019	4.11565295	4.27740134	4.35521297	4.06196276
0.183	0.16	3.20954101	3.21841094	3.09374843	3.38838845	3.2349268
0.087	0.074	2.98231351	2.94100527	3.03287482	3.2026928	2.93630472
0.23	0.201	3.25991656	3.46649105	3.88660786	3.91682693	3.51713769
0.234	0.197	3.32374963	3.32913468	3.4671947	3.53432577	3.63269219
0.135	0.127	3.20694673	3.49674152	3.58325348	3.51448351	3.42737924
0.012	0.016	0.61607824	0.65412911	0.38027571	0.51731486	0.25045598
0.063	0.086	4.06886346	4.06127706	3.6752269	4.167671	3.98904177
0	0	0.77230597	0.6327987	0.827101	0.92570153	0.29836002
0.714	0.627	5.73261032	5.78570597	5.60535042	5.64825781	5.74676908
0.373	0.369	4.90547518	5.10305391	4.54468817	4.60724438	4.72638565
0.091	0.07	2.7151577	2.83256854	3.21350142	3.20386395	2.9815371
0.004	0.008	0.20636484	0.24849719	0.32108029	0.24251472	0.03642803
0.337	0.311	3.91774886	3.79354738	4.71952563	4.47720321	4.17568415
0.004	0	0.33102309	0.25106857	0.3294013	0.28236931	0.11331161
0.036	0.008	0.40503332	0.9172234	0.90476875	0.8580439	1.0017112
0.004	0.004	0.87595318	1.18082503	0.56679811	0.81457479	2.01005462
0.004	0.008	0.35008667	0.20019311	0.18740542	0.21341891	0.41800824
0.5	0.357	4.15555605	4.25526293	3.64818785	3.77284874	2.70336175
0.004	0	0.29533328	0.24871194	0.13194303	0.20331446	1.00E-04
0.052	0.049	0.12907962	0.46092785	0.30268983	0.22789538	0.36487652
0	0	0.10062683	0.07583248	0.20522276	0.11673988	1.00E-04
0.004	0	0.665193	0.59121639	0.1948871	0.14281141	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.063	0.053	3.84244922	3.93515848	4.1563923	3.95367618	4.1621611
0.087	0.09	2.48781911	2.5081453	3.12031679	3.03857478	2.71234149
0.194	0.234	2.83606346	2.96823914	3.01548831	3.19766915	2.93325358
0.135	0.164	3.12564145	3.25003345	3.48125651	3.72528924	3.64715748
0.171	0.168	2.7536198	2.66999517	3.61563617	3.58228592	3.14581118
0.016	0.004	0.99452553	1.0324187	0.73646332	0.89773089	0.86243636
0.071	0.094	2.32197171	2.41560257	2.88994413	2.87761401	2.28935028
0.028	0.045	2.31342211	2.46800873	2.35145544	2.57326391	2.46770778
0.313	0.377	3.77170591	3.86366853	3.70047259	3.86258538	3.94300347
0.071	0.053	2.80439102	2.64026935	2.87102399	2.82604595	2.81726428
0.107	0.119	2.87515016	2.8601596	2.85935337	2.98136624	2.94601973
0	0	0.00886739	0.01003451	0.01310569	0.01638154	1.00E-04
0.254	0.23	3.48628457	3.42340038	3.79010391	3.78020161	3.63514508
0.079	0.033	2.59534079	2.65093818	2.74386431	2.7622243	2.71672465

0.091	0.074	2.88296732	3.01593773	2.64463396	2.74099896	2.9766962
0.008	0.004	0.56512131	0.70771921	0.83159395	0.88639302	0.76228687
0.008	0.004	1.45252244	1.56867734	1.16193371	1.49564716	1.51028605
0	0	0.03321612	0.18474829	0.21114289	0.14618692	0.06507428
0.036	0.037	0.2199101	0.1375655	0.16281492	0.17317675	0.16152682
0.187	0.221	3.78357516	4.01144352	4.03026441	3.76313363	3.88390868
0.853	0.869	6.76945901	6.41604607	7.90637671	7.73952906	7.23401831
0.813	0.799	6.10972193	5.81652954	7.13341398	6.87066326	6.54503251
0.738	0.807	5.40961579	5.31684035	6.45486058	6.23063617	6.00998047
0.754	0.783	6.09435069	5.88866429	7.10865251	6.85058294	6.52388249
0.909	0.902	6.86431661	6.61804147	7.74390381	7.54916271	7.31164747
0.865	0.865	6.45833711	6.26385707	7.43405398	7.33531591	6.84094937
0.683	0.742	5.96454726	5.46718365	6.62308629	6.56359831	6.20460828
0.702	0.734	5.80841553	5.35713666	6.84647795	6.75008062	6.22297589
0.766	0.775	5.80612999	5.40666199	6.86973196	6.63393544	6.37139284
0.857	0.836	6.51629743	6.28045588	7.55640748	7.358404	6.90883304
0	0	0.02416374	0.02009085	0.04283508	0.04284377	1.00E-04
0.742	0.766	5.65147459	5.59167317	6.79633286	6.59307782	6.07002628
0.861	0.836	5.96117534	6.00951635	7.21054783	6.98533109	6.3905334
0.758	0.791	5.70744167	5.54369328	6.73766304	6.5209211	6.0616005
0.357	0.439	3.86365423	3.58549146	4.85970226	4.72864467	4.43646931
0.746	0.803	5.48788453	5.39881787	6.64902143	6.43136954	5.97094489
0.738	0.754	5.05213155	5.0543915	6.28156874	6.00032504	5.70618653
0.702	0.734	5.65190106	5.40925699	6.68891775	6.47593907	6.10799282
0.627	0.689	4.93265239	4.64742361	6.09843706	5.9137564	5.56486233
0.044	0.029	2.92827498	3.09513853	3.44188846	3.36405077	3.24050769
0.754	0.762	5.58757672	5.53349435	6.65452583	6.4214689	6.0970884
0.857	0.857	6.32259502	6.06374252	7.42144291	7.2482091	6.84825245
0.734	0.746	5.6821359	5.66708866	6.85754734	6.53003327	6.0838612
0.298	0.344	3.16587107	3.26099734	4.32686367	4.1331469	3.6780793
0.79	0.824	6.53968586	6.18653958	7.5224644	7.36808543	6.89168494
0.853	0.824	6.29826844	6.17348168	7.45024854	7.23929111	6.77357875
0.19	0.193	2.67774621	2.53835046	3.35961061	3.11090652	3.41196525
0.623	0.721	4.94391315	4.81040854	6.09248801	5.83751336	5.44738903
0.754	0.807	5.41680494	5.23926281	6.56318177	6.24212753	5.95526797
0.687	0.754	5.21829919	4.98718617	6.30866508	6.04002833	5.75769944
0.675	0.754	5.32961149	5.0626897	6.5015644	6.2392642	5.85503919
0.742	0.791	5.59665116	5.46343776	6.59870169	6.38004259	5.98278088
0.425	0.516	3.67467108	3.85221134	5.02400273	4.83121656	4.11737056
0.714	0.758	5.53318107	5.16165377	6.68107602	6.50403653	6.05894984
0.262	0.426	3.48428007	3.57055028	4.81887213	4.70246718	4.12730716
0.683	0.791	5.36027805	5.21283983	6.62269059	6.36698201	5.78533707
0.746	0.791	5.37640599	5.35949616	6.61582079	6.33550522	5.91576397

0.397	0.361	3.73957391	3.56236958	4.90170182	4.61644766	4.20955213
0.044	0.053	0.96478641	1.38280262	1.65789613	1.620532	0.63328897
0	0	1.00E-04	0.00652152	0.01765757	0.00434148	1.00E-04
0.647	0.713	5.52380663	5.08149055	6.26068813	6.09257104	5.91724531
0.897	0.84	6.39945074	6.32454229	7.48371258	7.13009796	6.80564338
0.75	0.811	5.82103987	5.3224	6.71981466	6.53983263	6.30341296
0.817	0.816	6.23512135	5.9129712	7.10923455	6.9256182	6.59149767
0.635	0.693	5.36746495	4.97846725	6.40216912	6.31450554	5.77131062
0.821	0.811	6.31483383	6.11979685	7.34743335	7.1955152	6.71334849
0.143	0.127	3.39630387	3.25383303	3.58418088	3.57592391	3.50659518
0.79	0.828	6.23736792	6.04924746	7.23090076	7.03229855	6.64050686
0.786	0.82	5.99210147	5.76126956	6.97118008	6.84773564	6.39079091
0.77	0.77	6.29085215	6.03348698	7.39778475	7.27197109	6.65428957
0.905	0.877	6.80375093	6.57149448	7.89828319	7.67525618	7.22277503
0.786	0.791	5.84211064	5.74694203	6.888939	6.65454391	6.30608694
0.274	0.225	4.21320214	4.12545035	4.58427068	4.6397868	4.19990057
0.31	0.279	4.14779788	4.36305771	4.5891723	4.56504535	4.30120763
0.095	0.107	2.69384555	2.82655036	2.70467571	2.85437074	2.973107
0.083	0.115	2.59183284	2.60587948	3.45878702	3.32732833	2.71762906
0	0	0.03224134	0.03413137	0.02892582	0.02409099	1.00E-04
0.091	0.086	2.57068081	2.44480108	3.28949613	3.17033563	2.85011522
0.091	0.115	2.07543902	2.27636807	2.46355333	2.56749509	2.33302769
0.079	0.053	1.91109617	1.93368285	2.56729235	2.41200628	2.25484543
0	0	0.01242274	0.03759127	0.02063653	0.02475821	0.45450286
0.048	0.033	1.94263381	1.82158181	2.52719037	2.46752795	1.96700874
0.179	0.209	3.08488336	3.21120855	2.7503373	3.10626174	3.54649031
0.155	0.143	3.5295586	3.67373649	3.21986239	3.43206273	3.40743022
0.536	0.508	4.85723121	5.13414197	4.66018809	4.85485806	4.75473254
0.02	0.02	0.53640229	0.69361304	0.50800906	0.61976405	0.39543469
0.817	0.807	5.96933855	5.87580208	7.05847342	6.86340593	6.48813237
0.774	0.746	5.50506421	5.51851924	6.7132848	6.4418992	6.07187817
0.794	0.811	6.08837016	6.16045571	7.35484979	7.10482376	6.73012146
0.75	0.766	5.72314349	5.50374219	6.88576835	6.60870248	6.26687894
0.865	0.877	6.27267894	6.18870092	7.38232816	7.16025157	6.71976296
0.817	0.836	6.19818159	6.22798677	7.24712762	7.02706845	6.67321855
0.79	0.787	5.57549708	5.37976962	6.8054172	6.50957727	6.19437828
0.774	0.795	6.01849303	5.88228813	7.13352298	6.89048689	6.56582144
0.758	0.762	5.07912221	4.95924148	6.16895465	5.9603903	5.47686935
0.909	0.873	6.97075993	6.76828193	8.13061173	7.87115123	7.47450836
0.869	0.857	6.49491594	6.43080688	7.57209944	7.33094999	6.97146609
0.19	0.221	3.94905639	4.17011121	4.54984409	4.66981279	3.98511292
0.758	0.775	5.96404416	5.68984229	6.88202094	6.74254748	6.30137642
0.853	0.857	6.15564794	6.07618124	7.31742469	7.09349403	6.60332916

0.798	0.844	5.77742094	5.49853739	6.79589776	6.5300976	6.23336581
0.817	0.828	6.42670794	6.15639203	7.51580518	7.34057791	6.86561149
0.675	0.717	4.92067562	4.78230801	5.91432299	5.69447387	5.54083252
0.615	0.66	4.83424243	4.62217652	6.0330455	5.85906015	5.38384528
0.766	0.783	5.688744	5.39855867	6.75343645	6.35138418	6.21949291
0.73	0.762	5.08268739	5.09086273	6.58421563	6.25361091	5.84956374
0.167	0.18	2.82085417	2.48886173	3.84538191	3.57190253	3.26153705
0.841	0.861	6.55389065	6.19240376	7.67458907	7.46844083	6.94260136
0.369	0.398	4.05647223	4.21451002	5.03115854	4.91852801	4.47152025
0.841	0.828	6.16672104	6.08876958	7.3006097	7.05825996	6.60504424
0.746	0.754	5.39729189	5.31842702	6.52068808	6.21270337	5.93022204
0.778	0.811	5.83643594	5.59644642	6.81180577	6.66433754	6.30485996
0.774	0.766	5.99619344	5.69377736	7.0020741	6.73938671	6.44704465
0.567	0.656	5.44458131	5.23982496	6.63687118	6.57177944	5.35413507
0.254	0.295	2.9624076	3.07229815	4.21040046	4.17451406	3.1608166
0.75	0.742	5.88017117	5.76332864	7.09058621	6.90180339	6.36749459
0.27	0.275	4.18611829	4.16770426	4.48426999	4.64635539	4.34127765
0.512	0.488	0.89842043	1.02291186	0.81661899	0.88686444	1.94031914
0.663	0.672	5.14945924	5.15154626	4.78005131	4.84300774	5.29255354
0.06	0.045	2.8052707	3.00060005	3.20405155	3.21314018	3.15792242
0.56	0.471	4.74918214	4.76589978	4.36511743	4.60116398	4.79934644
0.028	0.012	0.28450637	0.11637673	0.02344063	0.01951934	1.00E-04
0.278	0.25	3.69803082	3.88218649	3.61902043	3.81233276	3.74771752
0.067	0.094	2.05641304	2.32919918	2.44330894	2.50737992	2.27086277
0.472	0.41	5.34478479	5.7798186	4.85741046	4.98770338	5.32479026
0	0.004	0.91111828	1.19515678	1.04816898	1.20736409	0.63597556
0.873	0.865	6.37998687	6.23201636	7.42540855	7.28603764	6.85284442
0.881	0.816	6.70831369	6.36547855	7.75716149	7.48913536	7.08704083
0.813	0.832	6.47619824	6.39191993	7.42520665	7.25675261	6.84905129
0.762	0.787	5.89127515	5.660725	6.87959035	6.72923428	6.30879462
0	0	1.00E-04	0.07191909	0.00502096	0.01617936	1.00E-04
0.373	0.324	4.62425031	4.82393314	4.20039615	4.35711992	4.79077831
0.028	0.033	1.10887735	1.18349847	1.50844181	1.53017904	1.21863448
0.016	0.004	0.92389321	1.3086315	1.56292863	1.63785355	1.15013049
0.032	0.057	1.50893654	1.66546123	1.97615084	1.88763262	1.66425781
0.091	0.09	3.218616	3.22901711	2.96121236	3.10215081	3.20449866
0.02	0.012	0.16769327	0.38114089	0.27069885	0.11530411	1.94022254
0.127	0.115	2.53368722	2.60582146	3.29199037	3.20060537	2.62859193
0.028	0.033	2.18443915	2.22799295	2.15450957	2.29878836	2.15878575
0.091	0.09	3.17719878	3.42620507	3.91764497	3.88273652	3.28584364
0.06	0.049	4.11773215	3.94237178	4.36639174	4.31349512	4.14493333
0.044	0.041	3.15761327	3.26437233	3.71742723	3.61774965	3.2426273
0.476	0.43	1.01324611	1.53454916	0.8789415	1.13848906	1.78669468

0.23	0.193	4.96644948	5.09706596	4.65456596	4.81067365	5.01328083
0.329	0.275	5.33753772	5.54962136	4.96547051	5.13515141	5.31414976
0	0	0.5768526	0.7427406	0.37765805	0.59660893	0.68189952
0.187	0.156	3.63312914	3.671244	3.60711621	3.65518806	3.68914439
0.016	0.012	1.72414118	1.76195782	2.03992612	1.92460529	1.65445997
0.067	0.094	3.15664448	3.14746241	2.96795901	3.2011084	2.89434558
0.071	0.107	2.68963955	2.60770236	2.46366583	2.61478747	2.4472904
0.056	0.102	2.17424541	2.24796689	2.41420326	2.56374785	2.02969575
0.103	0.127	2.80959181	2.89216751	3.28158814	3.26692948	3.33229179
0.063	0.057	2.82473643	2.94500657	2.745696	2.93740299	3.27707213
0.075	0.127	3.25920609	3.1657511	3.47811538	3.43464633	3.45574833
0.238	0.254	2.84958653	2.72211268	2.71459189	2.90586984	3.0641025
0.175	0.221	2.31767874	2.61593976	2.67897828	2.75651945	2.72248148
0.079	0.061	3.11049667	3.14057535	3.52993406	3.35645866	3.05742434
0.056	0.061	1.84725724	1.73682833	2.04863309	2.16365316	2.16630569
0.02	0.033	1.63863285	1.90614809	2.12850075	2.16360938	1.93107636
0.044	0.045	2.38890205	1.99435018	2.6584931	2.61058902	2.61933059
0	0	1.00E-04	0.08602943	0.08156925	0.08108981	0.16678469
0.024	0.029	1.04345246	1.14571194	1.23582062	1.25717051	0.92632552
0.012	0.004	1.54859254	3.82759918	1.2581841	1.57707029	1.87057627
0.302	0.262	3.34126765	3.38656562	3.51867837	3.56738449	3.40556923
0.393	0.385	3.88515656	4.04047126	3.90987299	3.98098544	4.09563273
0.583	0.52	4.87700908	5.09996984	4.65310449	4.77034512	4.99520513
0.008	0	1.49985906	1.42863295	1.16267533	1.33680561	1.44801365
0.246	0.238	3.86906864	3.73530818	4.04214122	4.09212876	4.12157694
0.456	0.451	3.91333771	3.78119483	4.77221433	4.65112382	4.20385274
0.012	0	0.34745803	0.70035487	0.57740541	0.53232357	1.00E-04
0.004	0.012	0.13447669	0.36078466	0.29248459	0.34379742	0.48522831
0.008	0.02	2.01709396	1.74662767	1.67022429	1.93419724	1.80484535
0.016	0.012	0.2876764	0.7158765	0.49668878	0.78584291	0.45251665
0	0	0.31991342	0.17404146	0.12719581	0.13707074	0.37935436
0.04	0.033	1.4164873	1.59551908	1.45443656	1.61822267	1.10729991
0	0	1.00E-04	1.00E-04	1.00E-04	0.0012673	1.00E-04
0	0	0.01851066	0.06943276	0.0181766	0.03819011	1.00E-04
0.004	0	0.10679597	0.27713399	0.12139292	0.23467074	0.0785195
0	0	0.02405253	0.00784618	0.01817553	0.01033172	1.00E-04
0.107	0.127	2.970402	3.02995484	2.82026265	3.04572517	2.97779945
0.425	0.369	4.79716075	4.94576288	4.46157977	4.62285958	4.95698986
0.377	0.361	4.30320371	4.28086521	4.54928401	4.51795367	4.61584424
0.758	0.787	5.07431856	4.75767112	5.1855156	5.23603664	5.27128716
0.484	0.406	4.9681989	5.03395485	4.77682883	4.75026146	5.07530215
0	0	1.00E-04	0.03736064	0.02434556	0.02716807	1.00E-04
0.115	0.131	3.12981738	3.17580138	3.34078471	3.44834212	3.23072495

0.143	0.115	3.30821353	3.9312284	3.65566529	3.7931183	3.75105397
0	0	1.00E-04	0.00357819	1.00E-04	0.07848597	1.00E-04
0	0	1.00E-04	0.01165967	1.00E-04	0.03753074	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.04137208	1.00E-04
0.028	0.025	2.04525654	2.10058946	1.87445783	2.08925903	2.00771036
0.298	0.352	4.07672456	4.12126958	4.20425774	4.25161152	4.259821
0.238	0.287	3.46401295	3.57950647	3.67382245	3.75897877	3.95335372
0	0.004	0.03416478	0.07155345	0.07630244	0.15705256	0.06042531
0.103	0.189	0.22937807	0.32182313	0.19736293	0.34792663	0.4426464
0.012	0	0.83353009	0.89232015	1.11383402	1.09574448	0.56416303
0.016	0.008	2.05330155	1.98263112	1.99617201	2.03347897	2.27890157
0.02	0.016	1.21689715	1.12820819	1.20233044	1.33877119	1.04249807
0	0	1.00E-04	0.01187633	1.00E-04	1.00E-04	1.00E-04
0.04	0.025	5.33177932	5.24106729	4.98641223	5.13352369	5.60978425
0.024	0.016	1.86870136	1.92013766	2.12327856	2.12863727	1.82218046
0.468	0.447	5.78501078	5.86328109	5.82590847	5.81492837	5.61610539
0.508	0.5	6.60264767	6.79299652	6.6731215	6.58538804	6.68623827
0.052	0.025	2.56856662	2.82476435	2.55826923	2.60626283	2.92724368
0.004	0	1.00E-04	0.00420941	0.01904043	0.05229904	0.19349352
0.012	0.004	0.24378946	0.34733026	0.21576331	0.23415128	0.54217966
0	0.004	0.05806673	0.045756	0.06461574	0.0698665	0.16107893
0.004	0.004	0.33147676	0.7379411	0.24248949	0.36048131	0.32075039
0	0	1.00E-04	1.00E-04	1.00E-04	0.00182376	1.00E-04
0	0	1.00E-04	1.00E-04	0.00589392	0.00898922	1.00E-04
0.024	0.045	0.99142965	1.4636293	1.69994205	1.79214367	1.02345998
0	0	1.00E-04	1.00E-04	1.00E-04	0.00943154	1.00E-04
0.306	0.303	3.91536125	3.83881018	4.71509179	4.64131742	4.24691394
0.135	0.127	3.26490769	3.48045134	2.77360004	3.04205788	3.33335486
0.008	0.02	1.59475097	2.04722336	1.81811517	2.05150627	2.40663465
0.274	0.266	4.32231694	4.22970742	4.1056604	4.32203323	4.50137271
0.123	0.135	2.92549731	2.94192229	2.61906768	2.8464186	3.04611633
0.202	0.27	4.38238969	4.58241734	4.25089154	4.23392433	4.29626499
0	0	1.0792229	1.73916205	0.89984197	1.20040474	1.4152428
0.024	0.041	1.27489855	1.41131393	1.32833129	1.54489817	1.7592507
0	0	0.04061119	0.02523123	0.03194832	0.0347527	1.00E-04
0.028	0.061	2.00994607	2.39275954	2.26352968	2.76580223	2.02075152
0.48	0.5	6.26839407	6.38099551	5.99839616	6.06043517	6.73982578
0.004	0	4.78858576	4.4796689	3.34606796	3.26260399	0.41833354
0.456	0.475	2.71529359	2.96276444	2.63430592	2.88489305	4.51124767
0.278	0.266	3.4745248	2.98584047	2.83460068	3.21348429	4.48406957
0.04	0.025	1.88152031	2.14824011	2.15439117	2.19231651	2.01298564
0.071	0.041	4.20274979	4.11467163	3.83369256	4.19192367	3.67583602
0.095	0.09	2.43354793	2.57597381	2.92469027	2.98841772	2.63871466

0.087	0.066	2.25954385	2.30692874	2.5534614	2.46793568	2.37863684
0.369	0.439	3.82508245	3.75772075	4.65478194	4.49385048	4.09710533
0.02	0.004	1.37029603	1.33200956	1.60444485	1.54916308	1.14912306
0.071	0.053	1.80326788	1.89977901	2.16111715	2.23428322	1.68701563
0.06	0.07	1.95320697	2.04479904	2.26155839	2.46209071	1.89735436
0.067	0.111	2.90277217	2.83773859	3.50112162	3.49222769	3.04270122
0.012	0.008	0.50946936	0.47709955	0.47076636	0.62286521	0.19476063
0.008	0.004	0.83664811	0.77603009	0.79881096	0.93769622	0.83402328
0	0	0.17205207	0.24222686	0.15032742	0.2508479	0.1422618
0.024	0.012	3.61922917	3.46823996	2.99348456	3.19109363	3.88700345
0.079	0.09	2.10355698	2.2968989	2.36126733	2.49698815	2.19687437
0	0.004	1.00E-04	0.0420597	0.00895527	0.01319171	0.10604933
0.06	0.057	2.61133909	2.59574366	3.04931012	3.02542173	2.4386513
0.321	0.262	4.15229968	4.18115101	3.87231992	3.8708561	4.38445616
0.19	0.152	4.36919683	4.47812112	3.96217291	4.15721505	3.88021718
0.036	0.008	2.76189976	2.82726918	2.80843348	2.87504817	2.54701729
0.044	0.037	1.21407927	1.0514485	0.92420517	0.75406913	1.2509931
0.008	0.029	0.69242952	0.66548748	0.49666104	0.56195912	0.46440616
0.016	0	0.17546942	0.12592678	0.54213158	0.38750668	0.50311186
0.623	0.648	5.9660546	6.21799421	6.54798736	6.54422235	6.18931818
0.655	0.672	5.98083545	6.02234157	6.96462454	6.82524769	6.14931324
0.091	0.045	2.51683335	2.44222563	3.3690176	3.26090899	2.59708377
0.024	0.008	0.99434623	0.78418247	1.37362773	1.31952861	0.78299769
0	0.004	1.00E-04	0.21000365	0.08050704	0.2171834	1.00E-04
0	0	0.00623631	0.06404704	0.05953055	0.28250009	1.00E-04
0.103	0.033	3.57486078	3.91493495	4.26682806	4.15994465	3.77316024
0.004	0	0.25327767	0.27223896	0.21545336	0.23131996	0.21561315
0.694	0.721	5.93643286	5.73505389	6.81392449	6.65026152	6.56051577
0	0	0.06753276	0.08264253	0.12242128	0.09932439	1.00E-04
0.833	0.82	6.91711427	7.04350863	7.77696819	7.60978789	7.19306725
0.02	0.004	1.61703617	0.9810302	2.84142835	2.00011165	3.58352294
0.036	0.029	2.06873599	1.65908168	3.48059913	2.72727401	3.99686802
0	0	1.00E-04	0.05765577	0.02970791	0.01688922	1.00E-04
0	0	1.00E-04	0.01031218	0.01090511	0.03264445	1.00E-04
0.032	0.016	1.63939562	2.31234006	2.84956006	2.49467386	1.96817663
0.087	0.139	2.92967982	3.12776715	2.74776825	3.05252126	2.7541754
0.036	0.086	0.07810791	0.20065982	0.09739161	0.12528113	0.63492383
0.004	0.008	0.22850564	0.28817413	0.32982167	0.26190343	1.12903408
0	0	1.00E-04	0.01964462	0.00727674	0.01505745	1.00E-04
0.127	0.152	1.45046769	1.35066116	2.29190725	2.29038203	2.09764761
0	0	0.02028997	0.04552447	0.03447428	0.02130371	0.03420398
0	0	0.21968945	0.43738173	0.43102191	0.3830651	1.00E-04
0	0	1.00E-04	0.08840784	0.0696357	0.04880648	0.04594565

0	0	0.07744677	0.1231307	0.02651727	0.05290726	0.06222294
0.044	0.057	1.99485228	1.91267272	2.27472633	2.22027663	1.96196167
0.028	0.037	1.28946756	1.32350802	2.04323476	1.97664225	1.52267528
0.29	0.238	3.66212177	3.62587163	3.42758776	3.5899161	3.74756425
0.111	0.152	2.63230265	2.57091484	2.39658541	2.59159321	2.90595386
0.171	0.201	3.15909159	3.34322725	3.11510504	3.19809352	3.56889839
0.401	0.357	4.11868391	4.09692188	3.86486821	4.05234914	4.44671413
0.262	0.193	3.76696102	3.7444921	3.63444595	3.73739591	4.10218944
0.008	0.008	0.54271288	0.84105719	0.58119343	0.47827955	0.89184076
0	0	1.00E-04	0.01506751	1.00E-04	1.00E-04	1.00E-04
0.004	0.008	0.10784234	0.13510611	0.13411337	0.08011642	0.07450129
0	0	0.035301	0.07949212	0.07667477	0.03410144	1.00E-04
0.063	0.078	2.67453242	2.57962516	2.98242445	2.94340665	2.96152195
0.004	0.008	0.03796393	0.13822711	0.08374028	0.07350461	0.03537833
0.004	0	1.00E-04	0.01237377	0.02396023	0.05238419	1.00E-04
0.075	0.061	4.30235572	4.71491523	4.15757417	4.29497429	4.03229361
0.016	0.02	2.1397488	1.90883117	2.01082827	2.27301494	1.98094027
0	0.02	0.58702382	0.73427595	0.58242478	0.60000835	0.72414136
0.016	0.02	1.72251037	1.89556184	1.6691542	1.97000333	1.46510876
0.107	0.107	0.15986617	0.216169	0.25195577	0.22216181	0.07696112
0.079	0.082	4.82423742	5.95397882	4.41228245	4.76874596	4.47172782
0.115	0.086	3.3526826	3.45855724	3.02339084	3.32419673	3.71608055
0	0	0.14624662	0.12063525	0.08257874	0.09999303	0.09740589
0	0	0.00736478	0.05949735	0.04371661	0.07025761	1.00E-04
0.159	0.152	3.67318868	3.68458413	3.51052212	3.64932054	4.07507637
0.087	0.111	2.27758767	3.26563357	2.36800558	2.43772359	2.39755265
0.175	0.139	3.94971639	4.8907747	3.96942391	4.17852823	4.35328625
0.345	0.352	5.19792033	5.88646803	5.00049971	5.32270153	5.53013882
0.075	0.139	2.83574888	2.73412389	3.19712964	3.21689306	2.97748907
0.187	0.172	3.31588392	3.79710158	2.95057015	3.25781392	3.54035525
0.349	0.275	4.2074891	4.22671046	4.93511015	4.82905373	4.38950656
0.095	0.094	1.52612799	1.77392551	1.77489927	1.8209309	1.96021449
0.063	0.041	3.38136649	3.03107968	3.94189054	3.7993376	3.63001858
0.187	0.127	3.15873217	3.30201883	2.99031053	3.24422681	3.53381851
0.079	0.098	2.22187989	2.13300637	2.70622306	2.53948282	2.47809681
0	0.004	0.15804066	0.28698399	0.16365614	0.26896164	0.0552687
0.008	0.004	0.17410144	0.20207723	0.1626197	0.17704512	0.40081893
0.175	0.184	3.5547517	3.6553588	3.72726074	3.72789608	3.64224941
0.159	0.156	3.02614935	3.25659086	3.32046925	3.37312493	3.14999739
0.587	0.545	4.85732588	4.89956847	5.28770052	5.25033521	5.1629526
0	0	0.16684166	0.15284374	0.11178452	0.11319982	0.1291647
0.004	0.004	1.30351333	1.21079708	1.24958545	1.53066663	1.11082224
0.373	0.393	5.25034266	5.35417643	5.16580991	4.82315949	5.15140908

0.429	0.348	3.40524315	3.70911404	3.84725084	3.76825474	3.80412987
0.024	0.016	2.01600221	2.21524469	2.10506901	2.2197867	2.0838403
0.099	0.082	2.57422207	2.65453665	2.88142328	2.93522891	2.79444079
0.111	0.098	2.55688917	2.80475471	2.55358615	2.77901799	2.66367209
0.063	0.041	5.48388545	6.33111025	5.18561487	5.41101154	4.61136615
0.206	0.221	3.60729878	3.82563298	3.85330898	4.10275095	3.70364587
0.071	0.061	1.82787929	2.01912069	1.91271177	1.99471161	2.04785708
0.397	0.238	5.99752888	6.09752715	6.71863943	6.52268799	6.27606416
0.183	0.148	3.69719871	3.64951254	4.5778858	4.52561193	3.73738868
0.468	0.426	2.3457632	2.56717143	2.31741035	2.45508343	3.95422811
0	0	0.7906297	0.60234536	0.43324675	0.53990922	0.56052183
0	0	0.36006111	0.33941364	0.25817551	0.32002333	0.35770757
0.028	0.033	2.50105316	2.46125093	2.51408087	2.57423545	2.54390976
0.012	0.004	1.26886105	1.42286762	1.10944694	1.29213265	0.89479047
0.016	0.008	1.16867767	1.32223121	1.02626688	1.1749772	0.97936656
0.111	0.078	2.71499112	2.66000102	3.41233102	3.42306476	2.93027935
0.123	0.102	2.98584997	2.85710947	3.28232346	3.28156257	3.14106422
0.127	0.111	2.48565725	3.23143409	2.70849234	2.76083673	2.907034
0.337	0.365	6.0233769	6.33885238	5.66091721	5.86629734	6.04454842
0.004	0.02	0.26324795	0.31694071	0.19528286	0.24983192	0.37835348
0	0	0.27969693	0.28643592	0.26856429	0.31796625	0.26703301
0.377	0.283	4.02230727	4.13192251	3.92264373	4.03037118	4.23297639
0.187	0.139	3.35534571	3.51204862	3.20958634	3.42199013	3.81046762
0.024	0.037	1.24571879	1.06506519	1.10359385	1.33897203	1.14767831
0	0.004	0.06733965	0.16420033	0.09858748	0.15629743	0.19105385
0.115	0.102	2.78211033	2.3796554	2.92695692	2.98252741	2.4616853
0.06	0.037	2.64845342	2.69741446	2.67665466	2.67027038	2.75235505
0.603	0.615	5.41602645	5.5028201	5.32155241	5.3323129	5.52342991
0.306	0.23	4.15380649	4.14827978	3.69264329	3.95271437	4.29208858
0.575	0.492	4.78220615	5.06057481	4.47055017	4.62670847	4.90305485
0.171	0.164	3.13577085	3.39537816	2.86755891	3.07230363	3.14038526
0.194	0.221	4.29681366	4.38521142	4.21748589	4.27109146	4.33587019
0.218	0.209	3.86322849	4.05082579	4.34191963	4.27900128	3.96836684
0.048	0.074	2.32475271	2.45966944	2.85871977	2.80795037	2.42516287
0.04	0.045	1.91357737	2.07348093	2.23984585	2.29060613	1.98390713
0	0	0.08527228	0.0593172	0.03582293	0.07274263	0.2475064
0.163	0.164	3.32083113	3.21518177	3.99772549	3.85758845	3.57843184
0.179	0.189	3.45065159	3.61784439	3.40738474	3.56963828	3.43643192
0.774	0.701	4.61326092	5.45727655	4.37806682	4.54265546	4.91483652
0	0	0.04528235	0.01424414	0.03095509	0.05224343	1.00E-04
0	0	0.08408352	0.04269109	0.03623745	0.02056403	1.00E-04
0.048	0.025	3.9943516	3.93633053	4.03080027	4.23344626	4.24893007
0.135	0.102	4.95428078	5.10804577	4.92486468	5.00299209	5.04746435

0	0.004	1.6331883	1.56835196	1.33629005	1.407819	2.32490312
0.012	0.008	1.17302606	1.12517373	0.93737705	1.1030527	1.0584494
0.159	0.156	2.90283991	2.7920185	2.94330918	3.04041652	2.81576025
0.056	0.053	4.99985815	4.85237098	4.9309658	4.90629945	3.30118116
0.004	0.004	0.33324275	0.39508673	0.16754655	0.22075144	0.56151313
0	0	0.08939383	0.20725471	0.11570765	0.15888889	0.05894868
0.413	0.389	4.63589873	4.84086079	4.41570914	4.53865609	4.71212724
0.381	0.393	4.70687175	4.86889235	4.22950029	4.50541866	4.57250557
0	0	0.56040058	0.71012137	0.72021165	0.73717932	0.45268541
0.028	0.025	0.13889844	0.37119139	0.53168909	0.50962847	0.33449938
0.028	0.008	0.31193853	0.64749312	1.03640865	0.68786729	1.00E-04
0.004	0	1.00E-04	0.02495131	0.04741527	0.01503961	1.00E-04
0.325	0.176	3.25477475	3.08659315	3.878949	4.13424607	1.63038569
0	0.016	0.07682194	0.35504634	0.18584087	1.59662562	0.04625257
0	0	1.00E-04	0.0490774	0.04369155	0.03338216	1.00E-04
0	0	0.70009883	0.64846384	0.54379347	0.64527759	1.38116025
0.032	0.074	3.73030158	4.53658325	3.59712218	4.02601399	4.59990755
0.008	0.004	0.06539858	0.35748015	0.35734216	0.37557789	0.90164676
0.365	0.32	4.36665149	5.16841321	4.11600508	4.27878076	4.88729533
0.036	0.074	2.54619161	2.71687312	2.37731808	2.61753331	2.65939221
0.282	0.27	3.8424507	3.85635414	3.42371725	3.74888908	3.91839264
0.095	0.074	2.76781311	2.94970221	2.60171851	2.69926464	2.97674413
0.024	0.016	0.10233763	0.27467087	0.17337044	0.16711279	0.19849422
0.722	0.742	0.80287381	1.31172157	1.07692573	0.97557753	2.71569052
0	0	0.05258487	0.03360705	0.01559703	0.03274739	1.00E-04
0	0	0.10551045	0.13227643	0.1624626	0.17375752	0.2537515
0	0	0.37847598	0.12295352	0.06284114	0.06840965	0.20676357
0.087	0.078	2.18510774	2.19218245	2.45225224	2.37020771	2.74475835
0.004	0	1.00E-04	0.00600316	0.00720962	0.00343363	0.31055766
0.004	0.008	0.07437047	0.1138622	0.16003436	0.21514413	0.05860437
0.028	0.02	0.10612633	0.13083615	0.15247798	0.19900733	0.07141024
0.016	0.004	0.4004349	0.4365441	0.23255407	0.2241123	0.13766074
0	0	0.13164326	0.13157287	0.14202733	0.1254076	0.54552295
0.004	0	0.0307371	0.08227357	0.07045857	0.05199352	1.00E-04
0	0	0.02398743	0.07771241	0.01792332	0.05827039	0.0785195
0.004	0.008	1.0632793	1.23455981	1.57439484	1.27701708	0.45516557
0.048	0.045	0.16134851	0.27922175	0.08924572	0.11995777	3.10619347
0.071	0.061	2.26396836	2.51577709	2.45750641	2.58647186	2.34170304
0.012	0.012	1.74905335	2.04771511	1.67945954	2.01436301	1.89341346
0.004	0	0.31695578	0.3139189	0.28261111	0.35603868	0.16810537
0	0	0.07859952	0.09949693	0.08996563	0.11833312	1.00E-04
0	0	0.01362575	0.02669492	0.01806195	0.0207656	1.00E-04
0.123	0.086	3.16060169	3.1431288	3.39557331	3.40921431	3.35347275

0.345	0.311	5.03434982	5.04595086	5.19163237	5.29633011	5.07623582
0.103	0.09	4.73305995	4.91922591	5.13377191	5.14294042	4.70238629
0	0	0.00815868	0.09131561	0.14009715	0.16701685	0.03347237
0	0	0.25894796	0.17819919	0.22689921	0.2912193	0.56611967
0.083	0.107	2.28530821	2.39042329	2.86491921	2.9086394	2.22865719
0.036	0.012	1.88558865	2.01752118	2.05946011	2.24784752	1.90567887
0	0	1.00E-04	0.02790334	1.00E-04	0.00644321	1.00E-04
0.016	0.025	1.00E-04	0.03884697	0.00836036	0.00494447	1.00E-04
0	0	0.60796948	0.86682896	0.80057384	1.48193078	1.00E-04
0	0	0.2367712	0.17076573	0.15735585	0.1901924	0.24365537
0	0	0.28708614	0.63751139	0.28297788	0.27245393	0.18808043
0.008	0.029	0.73200956	0.71439935	0.56722028	0.8314547	0.94035533
0.012	0	1.29420626	1.45709993	1.20208154	1.28835048	1.59762646
0.187	0.176	3.35638967	3.46654213	3.13043374	3.26446043	3.34516514
0.155	0.127	3.19261593	3.40986918	2.896275	3.18024564	3.22657588
0.187	0.193	3.68335562	3.86702842	4.01654936	4.1242072	3.61226225
0	0.008	0.12660067	0.26002595	0.26681509	0.34076117	1.00E-04
0.115	0.061	6.70480056	6.80108569	6.24653293	6.20751659	6.33431308
0	0	1.78942723	3.24066013	1.42801201	1.66225476	2.01297798
0.02	0.012	1.03730342	0.83156874	0.85944498	0.79844622	0.62196007
0.329	0.279	5.48710687	5.68281056	5.94964573	5.86896668	5.61437269
0	0.004	0.57187878	0.71596266	0.56447522	0.52173641	0.70285933
0.298	0.307	5.33869636	5.68819214	4.86247801	5.12724046	5.30247656
0.095	0.102	2.90469786	2.95440607	2.92979468	2.92354793	3.11237613
0.151	0.16	3.02487128	3.1428421	3.50028045	3.50796518	3.28159447
0.139	0.119	2.70877627	2.54538687	3.45331568	3.30771802	3.16235079
0.254	0.221	3.6284721	3.52140129	3.89794848	3.921665	3.82785303
0.25	0.23	4.18435993	4.12911093	4.46820216	4.50947889	4.30417938
0	0.004	0.10793934	0.11366563	0.31282281	0.37325023	0.2223438
0.099	0.115	2.93545798	2.82151314	3.32991269	3.27548231	2.96514709
0.103	0.086	2.77614971	2.97802845	3.02377304	3.06540821	2.90988067
0.012	0.033	1.60324611	1.41187192	1.64595681	1.78037609	1.64350261
0.151	0.156	3.80011102	3.83081494	4.26231597	4.28299769	4.03384317
0.075	0.086	3.10947201	3.26430685	2.97005568	3.17709597	3.29693361
0.028	0.025	1.97301593	1.5546026	2.26073091	2.32399844	2.15690898
0.091	0.082	2.64945219	2.6029669	3.28346321	3.22657325	2.80317496
0.016	0.016	1.09725129	1.52157621	0.89465339	1.03604463	0.89338286
0.036	0.037	1.59951499	1.25194565	0.78673276	1.0283105	0.24150265
0	0	0.35860111	0.11959353	0.15897236	0.19784179	1.00E-04
0.02	0.025	1.70558145	1.60585494	2.170354	2.1352909	1.80129239
0.004	0.004	0.1715872	0.24357086	0.22610518	0.25564235	0.11594049
0.016	0.004	0.63991313	0.46325965	0.70797129	0.64303365	1.43301935
0	0	1.00E-04	0.00858785	0.03583262	0.03839608	1.00E-04

0	0	0.0542993	0.09135417	0.07646234	0.14219042	0.2027431
0	0.016	1.30758318	1.02672091	1.2577071	1.42035407	1.39324759
0.349	0.344	3.76057567	3.8563984	4.3196078	4.40746448	3.86097565
0.254	0.234	3.65067304	3.62931714	4.52790869	4.50427401	3.85750551
0.175	0.119	2.88429938	2.90278108	3.24970172	3.29048064	3.2688694
0.115	0.115	3.28543061	3.48084241	3.39881651	3.55119111	3.77899548
0.024	0.066	0.79835428	0.77827524	0.67755248	1.04278151	0.43888845
0.016	0.004	0.1473261	0.87098466	0.52841838	0.34364671	1.00E-04
0	0	0.02273951	0.03225395	0.01237817	0.02735539	0.05377483
0	0.004	0.07475229	0.13291673	0.10736165	0.11774805	1.00E-04
0	0	0.03120105	0.10569131	0.10958119	0.17460731	0.08986341
0.159	0.156	3.46759921	3.51415787	3.21346024	3.4286624	3.70356165
0.21	0.254	3.86748663	4.0195104	3.61792189	3.91929493	3.99400589
0.127	0.082	3.61274863	3.70763686	3.6442317	3.63653664	3.51306197
0.067	0.061	2.44933717	2.72514931	2.55542997	2.78294417	2.68963777
0.313	0.238	4.11838796	4.32667511	3.82217285	4.05912488	4.22852925
0.091	0.082	3.05596833	3.18992839	3.18342682	3.22511422	3.02157338
0.135	0.061	3.09272008	3.36199584	2.99355145	3.25942004	3.21926137
0.179	0.16	3.39714511	3.69660965	3.29780143	3.36206164	3.37476951
0.393	0.385	5.16296398	5.29135589	4.77083533	4.94493048	5.1263282
0.135	0.139	3.13498574	3.29261193	3.07908075	3.30061504	3.33914293
0.147	0.172	3.37233639	3.65577651	3.27147518	3.45413721	3.82459786
0.437	0.426	5.88410971	6.01324112	5.58118401	5.70862494	5.4384161
0.012	0.025	1.95462892	2.17366301	1.74508971	2.00537504	1.75677199
0.115	0.127	3.04730883	3.34083782	3.48257803	3.53343181	3.20348245
0.123	0.119	2.17380467	2.34489702	2.03708961	2.28586497	2.40661633
0.393	0.414	4.35887173	4.23643746	5.26626714	5.22021423	4.70073977
0.31	0.295	3.68543177	3.73037994	4.59587612	4.54032593	4.0186835
0.429	0.369	4.34255047	4.2862809	4.78534103	4.66688	4.39875595
0.429	0.393	4.62186729	4.54816969	4.39739445	4.53770686	4.84710276
0.282	0.262	3.51298245	3.66753696	3.59465134	3.74015031	3.87049604
0.206	0.197	4.87116808	4.85252247	4.43506257	4.63811896	4.43259409
0	0	0.10711718	0.86239605	0.44518093	0.41191457	1.54643119
0.187	0.23	3.58000715	3.50556833	3.56674734	3.75423067	3.57246621
0.242	0.205	4.45795195	4.54000197	4.52337449	4.53890189	4.24057685
0	0	0.10380269	0.09780484	0.14145521	0.12221992	1.00E-04
0.234	0.217	0.56085349	0.69622009	0.37151408	0.5028932	2.58123894
0	0	1.00E-04	1.00E-04	0.00597194	1.00E-04	1.00E-04
0	0	0.03246201	0.16205697	0.12773823	0.20560176	1.00E-04
0.369	0.332	4.17224116	4.06751523	4.53909252	4.50811647	4.26364778
0.016	0.016	1.09891737	1.25750241	1.91219116	1.79286629	1.13932209
0.087	0.111	3.99780093	4.09761085	3.56306144	3.95599505	3.45281465
0.266	0.213	4.08888129	4.38395361	5.18010443	4.87124979	3.9539415

0.044	0.02	1.29748643	1.47598455	1.89174038	1.69357672	0.84527151
0.016	0.02	3.15302371	3.20796336	3.25850894	3.28987316	3.06323319
0.127	0.09	2.80070084	2.89793324	2.68713858	2.81303298	3.05633949
0.067	0.061	3.74739417	3.63084159	4.28883346	4.26354949	3.91126077
0.29	0.209	4.01633667	4.20050151	4.65273238	4.58309823	4.25772521
0.389	0.34	3.86915762	4.01844006	4.32760294	4.36052324	4.04758147
0.008	0	1.00E-04	0.08055152	0.0869184	0.0685114	1.00E-04
0.524	0.496	5.39877176	5.30050926	6.24903463	6.09641224	5.27654884
0.02	0.033	0.28296329	0.67370268	0.169421	0.2023098	0.60566901
0	0	0.0091815	0.02476329	0.01094069	0.02425503	0.1055618
0.167	0.172	3.73883613	3.93299672	3.90974956	3.90768333	4.10616519
0.341	0.307	4.47085438	4.4368193	5.21902449	5.11252974	4.70677817
0	0.004	0.31113294	0.48608744	0.38315827	0.31587509	0.26183454
0	0.004	1.03257308	0.94936107	0.656534	0.65298785	1.49823854
0.067	0.029	5.15690054	5.19364508	4.88478678	5.00003304	4.9522897
0.008	0.012	3.85076182	2.72241455	3.24783116	3.30700925	1.70429978
0	0.004	0.45523517	0.36764034	0.19128545	0.35603564	0.33071648
0	0	0.14368632	0.17133387	0.14964738	0.11821568	0.1772982
0	0.004	0.02201398	0.0055676	0.01142159	0.01934622	1.00E-04
0.119	0.102	5.83571902	5.47349903	5.61279975	5.29143118	5.86517119
0.067	0.102	0.51309293	0.80867966	0.50940604	0.61087978	1.11046967
0.016	0.008	0.03595071	0.06158005	0.01679487	0.02214895	0.69676012
0.75	0.693	2.26101876	2.57754209	2.16897081	2.22808737	3.12990507
0	0.004	0.20900202	0.43262459	0.2849802	0.3481128	0.04054828
0.012	0.008	0.91291558	1.00674336	0.60936055	0.77639861	0.74057596
0.004	0	0.25061506	0.42367905	0.1408051	0.20126192	0.44683717
0.024	0.033	1.71215727	1.72380291	2.04038611	2.07976331	1.66207131
0.004	0.033	0.14087142	0.21688596	0.16385407	0.30437019	2.33593269
0.02	0.025	4.06023679	4.06125274	3.93157589	3.68597929	3.72706182
0	0.004	0.09552666	0.18260676	0.11235732	0.13172986	0.20387399
0	0.004	0.37590165	0.30427832	0.16815632	0.16226441	0.15338736
0.028	0.049	0.16769209	0.36899212	0.09046401	0.09428391	2.95496304
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.127	0.102	2.5001297	2.70930415	2.22695964	2.46448741	2.81697093
0.21	0.184	3.6509064	3.82387835	3.47281817	3.78653773	3.79469772
0.028	0.082	2.20190794	2.32074179	2.30857755	2.68955388	2.31305238
0.389	0.262	4.75640354	4.9280523	4.4952157	4.59178231	4.81640555
0.619	0.578	5.2853387	5.37861387	4.91831522	5.05515603	5.3429839
0.472	0.545	3.70838314	3.7686585	3.41594056	3.60190192	4.05883816
0.02	0.016	1.47107592	1.49931043	1.30239077	1.50676888	1.60366738
0.083	0.098	2.65287847	2.65501341	2.79550627	2.94057081	2.98384575
0.175	0.152	3.75506785	3.62513886	4.44115044	4.28643758	3.84389875

0.071	0.057	2.60973803	2.7902628	2.55734899	2.75606479	2.64409724
0.286	0.299	0.20325912	0.37185231	0.53293522	0.52120755	0.76253639
0.004	0	0.58365577	0.52493773	0.3239382	0.47458757	0.60154789
0.56	0.566	5.85710321	5.78303459	5.74652667	5.74979048	5.5280561
0.012	0.004	1.19586631	1.37514401	0.80769942	0.91976689	1.43782217
0.004	0.004	0.33835193	0.21991985	0.24107156	0.39289151	0.22147092
0.357	0.369	4.68460483	4.55909556	4.68641002	4.7148908	4.72017834
0	0	0.22261769	0.39550259	0.28325039	0.27160153	0.60158368
0.004	0	1.70769417	1.59097076	2.31519703	2.21467471	0.65863275
0	0.008	0.01287888	0.1593529	0.07934862	0.1291019	0.10734981
0.548	0.508	3.93228788	4.22419864	3.98767268	4.0935847	4.55258742
0.794	0.725	5.07145726	5.1251371	5.11755891	5.12140923	5.34299184
0.024	0.033	3.24864217	3.23287748	3.55752001	3.51872412	2.71836441
0.302	0.402	3.57885771	3.56945224	3.27553492	3.41040638	3.96050309
0.119	0.09	3.80472493	3.79603176	3.64835964	3.77991013	3.98719217
0.528	0.541	4.74661	4.68840694	5.32658937	5.26096913	5.01246116
0.036	0.049	1.20497848	1.36732403	1.87262862	1.8257948	1.23466894
0.575	0.57	5.7169303	5.65509187	6.77272967	6.56015948	5.96612618
0.226	0.189	3.38409151	3.64469315	2.93186849	3.21673811	3.18490845
0.325	0.357	4.031138	4.14712953	4.05505311	4.15384774	3.96792805
0	0	0.57587575	0.57638888	0.49958759	0.44216694	0.15069264
0.151	0.189	3.92276784	3.95002898	4.18880228	4.18563316	3.82367496
0.008	0.016	1.14879297	1.21137849	1.19782221	1.41751764	1.42628296
0.21	0.119	4.96706148	4.99986171	4.63179079	4.6966135	4.84898473
0.306	0.385	4.53392134	4.39813857	5.31577914	5.22039242	4.95403896
0	0	0.01228165	0.00573638	0.02208198	0.03935213	0.05857215
0.107	0.074	4.80650498	4.5991278	5.25669044	4.98944672	4.9390848
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.00142747	1.00E-04
0	0	1.00E-04	0.01624375	0.00239527	0.00194345	1.00E-04
0	0	0.07183381	0.06194299	0.03127888	1.32340708	0.02923623
0	0	1.00E-04	1.00E-04	0.01065437	0.01256773	1.00E-04
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.00385159	0.16203435
0	0	0.07671402	0.11206834	0.05470115	0.07356683	0.15433624
0	0	1.00E-04	0.00852993	1.00E-04	0.00122546	1.00E-04
0.266	0.32	4.78592657	4.82298185	5.40744364	5.24112532	5.16164083
0.004	0.004	0.34644919	0.3259862	0.49125762	0.60844477	2.45348412
0.004	0	0.55335088	0.51749032	0.24161277	0.48433714	0.37799481
0	0	1.00E-04	0.00583931	0.00232981	0.00236421	1.00E-04
0.016	0	0.15785242	0.23416052	0.32451743	0.42094246	1.57798757
0	0	0.12249165	0.24028303	0.12721548	0.18431894	0.3782739
0.155	0.18	0.4297299	0.76763992	0.44619054	0.63885011	0.09498583
0	0	0.02109705	0.03832701	0.03937353	0.05393039	1.00E-04
0.091	0.061	3.07698062	3.24114654	3.17529514	3.09066255	3.31154998

0.31	0.316	1.85461743	2.39604876	2.20879598	2.19076371	3.71180711
0.008	0.008	0.8362636	1.22956254	0.53758111	0.51530325	0.5100049
0	0.008	1.26755755	1.37512379	1.12477209	1.40354433	1.35540651
0.048	0.041	5.16086856	5.62430638	5.56027816	5.1092066	4.64249679
0.012	0.016	0.12722184	0.39796142	0.27731212	0.33270602	0.14554341
0.044	0.02	0.77061441	0.97824002	0.86228411	1.07132265	0.80181395
0.004	0.004	0.87803946	1.30638206	1.18968345	1.17435532	1.53722984
0	0	0.86586121	0.93453381	0.72605287	0.72731213	1.2187099
0.008	0	0.24163399	1.74147705	0.8595752	0.87131883	1.26888562
0	0	0.07760699	0.03400958	0.01747085	0.06134413	1.00E-04
0.056	0.078	2.03665859	2.12558649	2.24408369	2.39591935	1.5952578
0	0	0.13824762	0.06005401	0.0416534	0.04445312	0.08415711
0.155	0.098	2.86310142	2.87269449	3.5490099	3.34957492	3.5549654
0.206	0.193	4.83336488	4.80648649	4.40051685	4.6591094	5.0191309
0.099	0.139	2.83335166	2.85397191	3.38853748	3.35979626	3.27408435
0	0	1.00E-04	1.00E-04	0.00409978	1.00E-04	1.00E-04
0	0	0.06222356	0.12547249	0.1048688	0.17657183	1.00E-04
0.004	0	1.00E-04	0.02264609	0.00158964	0.03192194	1.00E-04
0.313	0.369	4.70343104	4.75664979	4.27197494	4.40516639	4.42595461
0.187	0.143	3.36163184	3.4952699	2.99860047	3.15713314	3.69715318
0.131	0.111	3.27577853	2.58894877	2.89577604	3.13766722	4.22648353
0.036	0.02	5.09658376	5.35183865	4.50055644	4.66149592	4.99163663
0.496	0.492	4.66684538	4.52993959	4.98304246	4.95634098	4.95988576
0.079	0.061	0.99498183	1.55800004	0.89074866	0.94335121	2.28820386
0.036	0.057	2.37871639	2.38013668	2.10816102	2.25937272	2.3892407
0.079	0.09	2.5459336	2.62512576	2.57037093	2.76887076	2.6018031
0.675	0.557	5.11379271	5.42365017	4.72192809	4.92908757	5.22423238
0.222	0.205	3.97088895	3.97148818	3.85062997	3.90717297	4.05383572
0.044	0.057	1.72515954	1.79187216	1.60253041	1.87368622	1.68667388
0.468	0.451	4.67848433	4.93786442	4.4155848	4.52579048	4.7135014
0.028	0.025	1.64549674	1.48100653	1.71409148	1.68618064	1.48751042
0.139	0.127	3.2839747	3.1039927	3.20573149	3.45623714	3.54337597
0.036	0.037	2.59899845	2.50483424	2.89965978	3.0413332	2.62786338
0.218	0.156	3.48418889	3.51526545	3.33818366	3.54217655	3.49819459
0.139	0.131	3.9943673	3.98341025	3.97979386	4.12841381	4.00955337
0.587	0.615	4.71506277	5.13136613	4.56307286	4.66209428	4.68832621
0.008	0	0.09691849	0.14332949	0.13043053	0.24034596	0.1997178
0	0	0.42915804	0.15666203	0.13017284	0.13682041	0.33688849
0	0	0.5163076	0.39491228	0.59933087	0.6142667	0.45479849
0.452	0.463	4.26321147	4.33832558	4.25478826	4.47524708	4.39654739
0.147	0.156	2.78927588	2.79542232	2.98039695	3.09030675	3.10758577
0.099	0.107	2.44892668	2.60201654	2.63209854	2.67838892	2.62560187
0.179	0.164	3.26250866	3.31521395	3.60522457	3.62500378	3.40121188

0.571	0.443	4.85927253	4.88868608	4.90666748	4.85712237	5.05619142
0.31	0.303	3.77904366	3.73125344	4.05202043	4.08752768	3.95117952
0.234	0.266	3.46055049	3.62404407	3.61035112	3.73856996	3.54586143
0.075	0.074	2.16090779	2.1439058	2.70587937	2.54426471	2.29998847
0.234	0.205	3.63946078	3.59929085	4.45413776	4.34599096	3.88875581
0.282	0.328	3.67246535	3.835903	4.40148395	4.29453231	3.91887641
0.194	0.139	3.23809066	3.53629461	2.91664754	3.0989265	3.44894935
0.218	0.201	3.24799853	3.67074252	2.95603386	3.11577072	3.23982383
0.44	0.406	3.42062161	3.50560856	3.04818517	2.90238505	3.90200285
0	0	0.0068555	0.01002397	0.01644454	0.01432921	0.26320698
0.603	0.504	5.0421924	4.97907993	4.84890811	4.92512159	5.28606359
0.012	0.029	0.98832551	1.01602669	1.3958042	1.44720642	1.31643033
0	0	1.00E-04	1.00E-04	0.00867245	0.01202179	1.00E-04
0	0	0.48302989	0.18806226	0.18246934	0.11466406	1.00E-04
0.004	0.004	0.16709302	0.30790258	0.67369014	0.86804595	0.62344539
0	0.008	1.00E-04	1.00E-04	0.00231953	1.00E-04	1.00E-04
0.294	0.291	4.2632119	4.26418134	3.92361876	4.03167772	4.50073825
0.226	0.209	3.56241408	3.52813154	4.1543523	4.11339829	3.70715535
0.04	0.025	1.67139328	1.49057548	1.26377697	1.54193723	1.70961399
0	0	1.00E-04	0.06245587	0.0214702	0.02490611	1.00E-04
0	0	1.00E-04	0.07019534	0.03836621	0.04810793	1.00E-04
0	0	1.00E-04	0.18365286	0.12409903	0.07908613	0.3988482
0	0	0.13188324	0.3601366	0.15985883	0.20861721	0.49821387
0	0	0.28092709	1.19349102	0.47516307	0.6343025	0.4409879
0	0	0.33692481	0.15056739	0.0507089	0.16107088	0.16432713
0.147	0.172	1.59275769	1.80945128	1.66396428	1.78862989	2.22479583
0.052	0.078	1.40539359	1.50996737	1.39000283	1.64441374	1.52486306
0.067	0.033	2.40247203	2.64739467	2.9428998	2.99088145	2.32723422
0.115	0.123	2.6905202	2.72442675	3.14413096	3.25093103	2.79085876
0.06	0.029	3.08314652	3.06975233	2.55588604	2.5604235	3.1318374
0	0	1.00E-04	0.03872652	0.00399538	0.00904998	1.00E-04
0.012	0.008	2.93368312	2.74480668	2.73272918	2.65674669	0.77717465
0.012	0.008	4.4096275	4.71562872	3.81990164	4.05329608	2.78220525
0.012	0.004	0.19035191	0.17953924	0.04084886	0.11976617	0.16590908
0.02	0	0.2331146	0.30828796	0.32103864	0.40957337	0.71273144
0.012	0.016	0.94494766	0.66564726	0.46109594	0.58046237	1.04969692
0.091	0.09	2.46207829	2.51585606	2.62648628	2.67978929	2.71608039
0	0	0.14772284	0.25380098	0.1223154	0.14568129	0.23283343
0.091	0.061	4.60700573	4.55349707	5.18063472	4.89017683	5.45524693
0.008	0.004	0.39773431	0.59499227	0.35289586	0.40159904	0.69961877
0.524	0.52	7.19873755	7.34424561	6.84915996	6.87406521	6.47752277
0.115	0.115	5.76761563	5.57269916	5.04529038	4.89135769	5.61162643
0	0.004	0.47270595	0.48190955	0.55861781	0.62243676	0.7889946

0.012	0.004	0.68298427	1.17242703	0.74407139	0.73350193	0.67834687
0.175	0.156	2.97569151	2.99931667	2.99202493	3.14053248	4.06002401
0.167	0.131	4.16190918	4.33025003	4.02590573	4.24272468	3.91530703
0	0.004	0.2796493	0.4410679	0.27530958	0.28915155	0.4644636
0.024	0.016	2.41758055	2.55355342	2.85117804	2.78212485	2.0994509
0.004	0	0.39527113	0.50736067	0.43124076	0.50932672	0.66342693
0.036	0.07	2.00825334	2.22820139	1.68454412	2.01188212	2.4414123
0.067	0.057	2.75466815	2.95495111	2.82042486	2.93804348	2.95658963
0.107	0.119	2.50797761	2.68563617	2.68591686	2.77001536	2.90802364
0.04	0.025	2.51845139	2.22519507	2.37599066	2.43876233	2.56037969
0.052	0.029	1.86019644	1.95803741	2.04365726	2.04449826	2.13781485
0.016	0	2.75290077	2.97096085	3.03783322	3.08767595	3.25301594
0.21	0.275	4.07456854	4.21417239	4.07201312	4.31504266	4.480023
0.091	0.082	0.11976723	0.33583389	0.15854403	0.2164153	0.71314175
0.063	0.037	0.34227522	0.11686343	0.05326471	0.05864151	0.16451819
0.091	0.115	0.0903436	0.17263692	0.1840932	0.16909797	0.40656198
0.04	0.016	1.29262369	1.45509645	1.63806664	1.87644713	0.54997232
0.187	0.234	1.54457719	1.68555378	1.27126665	1.59544665	2.49397706
0	0	0.0185342	0.24054464	0.13063198	0.15034207	0.11138787
0.044	0.02	4.79409229	5.17707739	4.27935359	4.46022163	4.24764547
0.004	0.008	0.32077066	0.45398548	0.28325103	0.34438165	0.54820936
0.008	0.008	0.883193	0.90219818	1.1544011	1.27997699	0.97705269
0.008	0	0.25153256	0.32449397	0.26902802	0.47698384	0.23480425
0.008	0	1.34462134	1.58045535	1.19142687	1.23601117	0.99839303
0.365	0.311	5.64493492	5.43667705	5.76596077	5.73180824	5.65209244
0.004	0.004	0.64144279	0.35151178	0.20685542	0.20419105	0.77984021
0.611	0.701	5.29871847	5.11341077	6.18558432	6.0282174	5.62791384
0.266	0.303	2.96905788	3.15617159	3.24944174	3.25025362	3.12176947
0.091	0.061	4.22795521	4.19911626	4.23829932	4.37840117	4.00599991
0	0.004	0.15602945	0.1637959	0.08143975	0.14234746	2.59079555
0.298	0.213	5.45005393	5.35961574	5.52288214	5.39111781	5.398119
0.028	0.049	1.40412508	1.53854093	1.51689783	1.60489286	1.36974692
0.004	0.004	1.38682204	1.81807414	1.07394353	1.24697168	0.38106764
0.024	0.025	2.49389128	2.7841671	3.31732727	3.09396651	2.47672799
0.171	0.213	3.53151988	3.5661117	3.31709022	3.63542719	3.7249653
0	0	0.22178809	0.23439834	0.15065495	0.16071084	0.41946808
0	0	0.55630968	0.17011945	0.23456956	0.24631979	0.78590508
0.278	0.283	4.77604452	4.70783586	4.86434922	4.85307465	4.71935124
0.063	0.049	2.20550606	2.14928675	2.55661407	2.65947556	2.10796162
0.611	0.623	4.48710126	4.50646309	4.32025463	4.43343048	5.57964548
0.028	0.012	2.44444971	2.22965098	2.42821155	2.64103284	1.87830485
0.032	0.02	4.22720442	4.6772947	3.79913186	3.75411336	4.06940731
0.036	0.061	2.44716387	2.47522229	2.24221773	2.39100904	2.33278216

0.04	0.045	0.18446565	0.4823403	0.23264067	0.21160585	0.11243547
0.016	0.012	3.71827672	4.43313268	3.31590512	3.88262738	4.27458522
0.071	0.066	3.06030147	2.84056848	3.02327151	3.12158404	3.47704054
0	0	1.00E-04	0.04086793	0.05767883	0.04937933	1.00E-04
0.016	0.012	0.61088833	0.5827217	0.64479454	0.71333553	0.20548113
0	0	0.12749571	0.15164396	0.10315751	0.10285086	0.26358161
0.016	0.012	0.65380617	2.13570504	0.66294393	0.97814671	0.72897683
0	0	0.07118979	0.08565823	0.08954276	0.09854197	0.03642803
0.139	0.115	3.14796224	3.23785529	3.84722799	3.78922151	3.29373168
0.024	0.012	1.03176934	1.10041883	0.77686512	0.86411221	2.79058247
0	0	0.33970257	0.49543013	0.81066582	0.77933657	0.17756859
0.044	0.045	3.04447694	3.35061004	3.38858735	3.47171443	2.9756531
0.008	0.02	1.00E-04	0.07839458	0.02752322	0.04114825	1.00E-04
0.012	0.012	1.25600054	1.78327575	1.11711312	1.24463603	2.4785466
0	0	0.42030355	0.30258955	0.30948026	0.39746605	0.13189236
0.004	0.004	1.68792702	1.01262112	1.1570766	1.36280362	1.4461845
0.008	0	0.06936936	0.14673657	0.09031498	0.13061614	0.47738033
0	0	0.25471753	0.12354067	0.11321822	0.15155029	1.00E-04
0.004	0	0.14105685	0.16221006	0.05763248	0.11186039	0.07218951
0.012	0.008	0.01550313	0.01205052	0.01825641	0.02464386	0.25496646
0	0	0.06909584	0.00949824	1.00E-04	1.00E-04	0.17253459
0	0	1.00E-04	0.04350285	1.00E-04	0.01553781	1.00E-04
0	0	1.00E-04	0.0047342	1.00E-04	0.00336892	1.00E-04
0	0	0.71703517	0.8070492	0.84687383	0.83730013	0.31513575
0.29	0.291	3.79753658	4.53088657	4.49113004	4.45221439	3.91180384
0	0	0.23403152	0.45219377	0.3570875	0.29367699	0.37625809
0.012	0.02	1.84909659	1.89991646	2.43674956	2.43808442	1.80625357
0.004	0.004	0.03199678	0.02302766	0.05200423	0.03495731	0.05513227
0	0	0.193716	0.16494738	0.11735748	0.14813108	0.30346702
0	0.004	0.01864228	0.02662956	0.0331925	0.04968335	1.00E-04
0.012	0.012	0.05768803	0.08493652	0.08348103	0.10057867	0.81827461
0.004	0.004	0.03941529	0.10520679	0.07407426	0.11204743	0.04395639
0.091	0.061	2.7305455	2.95145487	3.09972956	3.10757114	2.86483819
0.194	0.197	3.73109243	3.90136721	3.66512531	3.94916887	3.65863822
0.23	0.254	4.08965307	4.19689151	3.64990267	3.84790971	4.11150722
0.02	0.012	2.62742763	2.83358753	2.83250616	2.88242192	2.38007284
0.067	0.057	2.1865955	2.33659093	2.91373215	2.91159396	2.36384052
0.028	0.012	3.02015823	3.12834477	3.15858219	3.18430436	2.95933606
0.333	0.357	5.08318944	5.15028607	4.78247889	4.9123221	5.02281234
0	0	1.00E-04	1.00E-04	1.00E-04	0.00850439	1.00E-04
0.012	0.025	2.58936503	2.60050054	2.26455461	2.76799603	2.86788432
0.179	0.18	3.89246626	3.9821765	3.57252651	3.82569894	3.97443203
0.115	0.131	3.39120697	3.42343229	2.93165551	3.14835356	3.40866001

0	0	0.04139986	0.05113359	0.04536566	0.04642519	1.00E-04
0	0.008	0.26376895	0.27212447	0.15069621	0.15165388	0.16556749
0.024	0.02	1.45457702	1.2766126	1.22515231	1.39138138	3.1222813
0.004	0.008	1.01762176	3.70531424	1.19422428	1.94915256	1.65724136
0.103	0.086	6.14608792	6.18851473	5.9373267	6.06980407	5.76085675
0	0	0.173084	0.10943604	0.08124134	0.10097875	0.04110431
0.004	0.004	0.36310576	0.42453083	0.37733706	0.4460327	0.13082759
0.135	0.176	3.65060182	3.63539155	3.31707107	3.47266769	3.66466629
0.103	0.107	2.53097897	2.93234542	3.26789246	2.92022943	3.22949374
0.02	0.016	0.03818223	0.04413199	0.01809458	0.01712925	0.13035096
0.111	0.107	0.56103556	0.76890705	0.43738755	0.64742908	0.75743262
0.056	0.057	3.1564481	3.1248302	3.01558628	3.17527717	2.62262553
0.02	0.012	3.22911256	5.17584663	3.2678134	3.91386818	3.99594016
0.004	0	0.04596154	0.02139613	0.05955325	0.06230808	0.07577321
0.063	0.033	4.76250624	4.75076174	4.96296162	5.02787702	4.65286699
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.024	0.004	1.06126422	1.50700269	1.41214958	1.26369941	2.96048078
0	0	1.00E-04	0.04962116	0.02628517	0.02769626	1.00E-04
0.008	0.008	2.55531046	2.31614735	2.4814482	2.47170179	2.47210763
0.028	0.012	0.11108558	0.223628	0.12155251	0.21078285	1.51539841
0.044	0.053	0.05383871	0.09187595	0.06636335	0.06858691	0.15272359
0	0	0.21671489	0.32014575	0.3323218	0.35082625	0.21807871
0.036	0.033	2.05286988	2.26901624	2.46149674	2.54853987	2.21004759
0.357	0.344	2.12681169	1.97166779	1.43621155	2.0445092	3.98212903
0.19	0.201	5.36499984	5.39749241	4.96413091	5.08428464	4.88132442
0.802	0.75	5.88850091	6.33211414	5.51724558	5.57267583	6.2686756
0.095	0.123	2.76859942	2.81985235	3.26369189	3.27128358	2.94794643
0.155	0.135	4.46762167	4.59233343	4.27283373	4.37952673	4.49039872
0	0	0.16784171	0.16772875	0.12861087	0.17133697	0.29180132
0	0.004	0.49226062	0.69109067	0.59950632	0.71956606	0.1914139
0.151	0.119	2.42240847	2.72128013	2.1291151	2.46642048	2.58205287
0.369	0.303	4.13664641	4.63992882	4.0971211	4.16264647	4.3947344
0.135	0.119	2.72224878	2.84883597	2.62478931	2.73386487	2.8049766
0.246	0.242	3.71681767	3.59067738	3.85590754	3.88325985	4.28863496
0.183	0.156	2.95162918	3.07474955	3.34416728	3.37553423	3.30198693
0.516	0.504	6.51322725	6.88399685	6.08463036	6.13650631	6.1723181
0.29	0.234	4.80238366	5.45269437	4.596227	4.6148961	4.80374195
0.357	0.291	4.26804903	4.49263428	3.98179392	4.06903268	4.70321579
0.103	0.049	5.08849167	5.14596517	5.14563511	5.20242904	5.19875849
0.032	0.012	2.83375525	2.89735519	3.44068625	3.47332242	3.23789704
0.254	0.189	3.47627692	3.51482807	3.19566829	3.33442701	3.81949368
0.183	0.197	3.79972809	3.90794275	3.97982982	4.08090881	3.8295536
0.04	0.016	1.19620902	1.40489073	1.22420844	1.53447976	1.45591893

0.008	0.016	0.9614368	1.13871019	1.2591808	1.34700017	0.85214553
0.028	0.029	1.92080924	1.94694458	2.05495466	2.24819134	1.85070793
0.063	0.049	1.57670698	1.74950965	1.89195758	1.92997385	1.6199518
0.151	0.131	3.28725273	3.38778349	3.66191028	3.6522121	3.31313798
0.004	0.012	1.00E-04	0.02170303	0.07160656	0.04802689	0.08676842
0.155	0.152	2.81654436	2.75791386	3.58424704	3.53456318	3.03677824
0.004	0.004	0.02120443	0.2192794	0.11737049	0.08210658	1.00E-04
0	0	1.00E-04	0.13871172	0.03634169	0.03234041	1.00E-04
0.004	0.004	0.02474671	0.37791226	0.08127649	0.07636858	1.00E-04
0.004	0.004	1.00E-04	0.02003531	0.01430301	0.02174784	1.00E-04
0.004	0.004	0.10614101	0.20976855	0.20516076	0.15395463	0.20967903
0.075	0.078	1.38340992	1.7243384	1.86032697	1.96418527	1.51026939
0	0	0.32338924	0.18472197	0.21703283	0.28296232	0.25221776
0.948	0.93	2.01079441	2.24934599	2.04853341	1.94387253	2.18935537
0.444	0.439	5.72442702	5.85903288	5.72619481	5.78114261	5.87977169
0.401	0.348	4.98651833	4.92535807	4.5613036	4.80629855	5.40321382
0	0	1.00E-04	0.0277758	0.02196793	0.04711941	0.15475205
0.373	0.336	4.38790069	4.53130381	4.77685948	4.67814834	4.76003192
0.02	0.029	1.81528365	1.79568294	1.72003057	1.85323861	1.95298295
0	0	0.15017392	0.11561427	0.04485911	0.04325875	1.00E-04
0	0	1.00E-04	1.00E-04	0.00706183	0.01080174	1.00E-04
0.397	0.41	4.46232249	4.48131956	5.0656977	5.01155932	4.73125599
0.016	0.016	1.6547723	1.65948041	1.46385405	1.67348741	1.42297451
0.226	0.295	4.2809464	3.85894285	4.10328381	4.48200935	4.05278025
0.508	0.459	0.86804215	1.04712086	0.83528746	0.85803455	1.93807041
0.024	0.057	0.44714814	0.46463476	0.49863245	0.46882443	0.73078208
0.349	0.275	4.29672617	4.38291299	4.22395002	4.2535477	4.12760673
0.127	0.172	0.35578785	0.69884852	0.62094454	0.57402296	0.67539959
0.083	0.033	0.05962726	0.21216531	0.13426381	0.20487503	0.242968
0.056	0.041	1.12763591	1.15131904	1.65096283	1.68191592	3.2132068
0.02	0.004	0.50893128	0.2554625	0.52040017	0.67686216	2.31456265
0.056	0.02	3.96428696	3.64454229	4.67945163	4.65096259	3.47577382
0.163	0.164	2.97982375	2.83618511	3.2602936	3.21522376	3.25640205
0.06	0.029	1.10092136	0.99042543	1.39703333	1.21251093	1.63980392
0	0	1.00E-04	1.00E-04	0.00472354	1.00E-04	1.00E-04
0.044	0.049	1.71596308	1.73697499	1.9822827	2.06685014	1.74017995
0	0	1.00E-04	0.00664256	0.02375025	0.03653225	1.00E-04
0.012	0	0.18625673	0.32834238	0.13249344	0.19912548	0.06285568
0	0	0.03032965	0.01136939	0.01513369	0.01625615	1.00E-04
0.226	0.176	3.86689194	4.12203458	3.44369605	3.66509418	4.00006276
0.103	0.07	5.97501959	6.10047336	5.99448344	6.25604318	6.03322063
0.091	0.123	4.56386841	4.79590811	4.61039494	4.56387467	4.95183544
0	0	0.02324115	0.03995831	0.04532867	0.04143446	1.00E-04

0.198	0.168	2.06153782	2.2309803	1.6123861	1.97487935	2.5027793
0	0	0.38661921	0.31529914	0.33567466	0.38896549	0.70394478
0.024	0.033	2.06894574	2.07811442	2.30925781	2.35698424	2.1305833
0.008	0.004	0.15592311	0.14111942	0.15386824	0.1901681	1.00E-04
0.365	0.32	5.14798618	5.32313449	4.99031531	5.11516884	4.96892925
0.091	0.082	3.51204842	3.4549356	3.41610423	3.50124821	3.58647893
0	0.012	0.29008651	0.44737897	0.2059641	0.217211	0.44121855
0.04	0.029	2.95842263	3.00414478	3.06431841	3.21577855	3.17157785
0	0	0.04340504	0.03486193	0.0353423	0.06421409	1.00E-04
0	0	1.00E-04	0.03184101	0.06021688	0.0785739	1.00E-04
0.004	0.008	1.03818377	0.87923944	0.65647096	0.82195296	1.12042823
0.032	0.041	0.74365515	1.1537274	0.81273503	1.12238634	1.1906032
0	0	0.0102579	0.05731754	0.01399621	0.00687986	0.14545142
0.02	0.016	0.01825932	0.02839857	0.01683297	0.01203655	1.00E-04
0	0	0.07153908	0.07880408	0.03201052	0.04689624	1.00E-04
0	0	0.11091005	0.13346622	0.08264683	0.12599178	1.00E-04
0.032	0.02	3.6412599	3.66014452	3.14777553	2.73660701	3.7048035
0.048	0.02	4.25550121	4.49669743	4.66107278	4.50859252	4.19647084
0.21	0.176	3.88525808	4.04386619	4.06146516	4.19232483	4.00824389
0.008	0.004	0.49870282	1.10270746	0.79707037	1.23800658	0.2820875
0.004	0.004	0.12525314	0.2694033	0.04247193	0.08151887	1.31240663
0.016	0.037	3.67837274	3.95782173	3.60863485	3.59134674	4.07415769
0	0	0.09896019	0.36168915	0.39984589	0.34746213	0.02923623
0.004	0.004	0.10403467	0.27715396	0.12163029	0.15795977	0.28528624
0.012	0.012	0.35722284	0.47652827	0.48713239	0.61933146	0.45967769
0.036	0.053	0.19521373	0.17569034	0.08743806	0.14324889	0.17708533
0.008	0	0.38967609	0.59958532	0.25657247	0.32417741	0.06285568
0.171	0.139	3.33317174	3.37205885	3.70707804	3.76609685	3.46605496
0.075	0.107	1.34192939	1.18697357	1.19945471	1.71969918	1.35347929
0.032	0.037	3.17670237	3.14830424	3.03709598	3.30236178	2.98418055
0.079	0.074	2.75093303	2.82905332	2.94382837	3.1257579	3.0507252
0.218	0.299	3.58628099	3.04949022	2.62310411	2.92208598	2.07298114
0	0	0.02781555	0.09241864	0.10934466	0.12849383	0.21099255
0	0	0.01157923	0.08505153	0.02455505	0.0233935	1.00E-04
0	0	0.07598098	0.12348469	0.06850329	0.07970396	0.23081307
0	0	1.00E-04	0.00838461	0.01629344	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00880439	0.00599671	1.00E-04
0	0	0.0261552	0.04313949	0.02078007	0.08743644	1.00E-04
0.159	0.193	4.06469346	4.13736767	4.07256989	4.2539745	4.1103501
0.004	0.004	0.00889488	0.02822537	0.07747671	0.17858656	0.11398236
0.004	0	0.31699657	0.4439307	0.24135399	0.19313447	0.10881879
0.012	0	1.66080416	1.05091622	1.31599107	1.32655258	1.56233971
0	0	1.00E-04	0.04278852	0.02223424	0.02946582	1.00E-04

0.016	0.012	0.45166049	0.47986335	0.47326797	0.49987532	0.56188068
0.016	0.004	2.30486941	2.89869243	2.64165842	2.81692015	2.40346739
0.004	0	1.45477728	1.21761169	1.17402654	1.36892257	1.44762705
0.103	0.127	3.33993889	3.22836708	3.06347127	3.43191666	3.25318692
0	0	1.00E-04	0.02796742	0.08830186	0.05777654	1.00E-04
0.004	0.008	0.1662966	0.39123784	0.23717893	0.3776619	0.42914191
0.024	0.012	2.4490296	2.68664902	3.4606082	2.81296063	1.60849047
0.036	0.004	3.66415154	3.93271005	3.7207773	3.70181959	2.81053961
0.099	0.115	1.82244749	2.02330633	2.42010202	2.49571875	3.10393048
0.107	0.098	3.9714082	4.06747849	4.42887883	4.46604194	3.58640533
0	0	0.24925763	0.27008642	0.65237842	0.50546492	0.27849415
0	0.004	0.01778162	0.01141041	0.01150952	0.01820238	1.00E-04
0.218	0.164	3.81976932	3.7654462	3.71068757	3.65081961	4.18680683
0.139	0.156	3.64557534	3.77009169	3.22421746	3.60041247	3.53329648
0	0	0.09576426	0.22248796	0.05594888	0.03347793	1.00E-04
0.012	0.012	0.7838013	0.95007755	0.60745715	0.64031462	1.25554917
0.004	0.004	0.39467222	0.82051784	0.38056337	0.38626459	0.5898598
0.048	0.037	5.21759228	5.24745621	4.80616315	5.03610959	5.06712206
0.008	0	0.2213517	0.44680167	0.59060249	0.49920927	0.48887441
0	0.004	0.94550757	1.08359579	1.28738577	1.23132379	0.29485326
0.063	0.045	2.577172	2.80960876	3.1934305	3.23058494	2.42377829
0	0	0.2448177	0.26744741	0.33012474	0.36098815	0.32721844
0	0	0.02088267	0.01160876	0.04558848	0.01805019	1.00E-04
0.016	0.004	1.64080751	1.6158993	1.10957375	1.28224926	1.94810117
0.008	0.025	1.77606451	1.7448353	1.39058789	1.36724719	2.08139355
0	0	1.00E-04	0.02386575	0.01461385	0.01792475	1.00E-04
0	0	1.00E-04	0.01886592	0.01852828	0.04347131	1.00E-04
0.008	0.004	1.28619889	1.40198147	0.93807738	0.88353568	2.80625408
0.016	0.029	1.86364221	1.69820568	1.52808163	1.65711185	2.17628324
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00474161	0.00969207	1.00E-04
0	0.004	0.03779961	0.07294218	0.04312396	0.07658399	0.13644685
0.048	0.02	0.8702604	1.09743662	1.02344933	1.18764604	0.8548346
0.234	0.242	4.1364675	4.32978399	3.80977461	3.98920883	4.94168039
0	0	0.04925279	0.12118492	0.13848311	0.05870147	0.21558216
0.02	0.025	1.13812921	1.47743965	1.0403029	1.28916549	1.98746913
0	0.008	0.12449196	0.16931917	0.11098286	0.13858643	1.00E-04
0.361	0.492	3.88102886	4.32993244	4.26305473	3.93760937	4.78444314
0.004	0	1.51445962	0.94407638	1.30269201	1.43637166	2.57298256
0.012	0.016	1.00E-04	0.04178915	0.00566098	0.01708566	0.21389993
0.083	0.049	2.51661152	2.59488123	3.07984064	3.0836028	2.57565681
0.012	0.004	1.77570228	1.67774774	2.02004268	2.19505099	1.49105214
0.091	0.086	2.98461802	2.96272416	3.63490668	3.58090497	3.0217947

0.183	0.148	2.99704976	3.38603939	2.90526889	3.10198954	3.45134341
0.194	0.205	4.96062378	5.12295484	4.66203772	4.73389254	4.99474903
0.028	0.037	1.59485731	1.72848555	1.40163309	1.69631343	1.97216373
0.099	0.111	3.91910655	4.07320143	3.74579756	4.06893604	3.60927083
0.123	0.111	3.18302529	3.44706903	3.07744431	3.30556513	3.17740615
0.008	0.008	0.96197398	1.17339126	1.02485672	1.11177109	1.00350272
0.032	0.029	2.59114597	3.15829519	2.81110218	2.8964265	3.06891038
0	0	0.17253566	0.12788289	0.14792938	0.22682856	0.17239129
0.036	0.045	1.91385542	2.26242309	1.92026394	2.15333441	2.36315512
0.008	0.004	0.95999192	0.63560493	0.41172828	0.43116443	1.14359277
0.012	0	0.85944201	0.86664131	0.97597671	1.0585614	1.0404406
0.02	0.025	2.29574183	2.44463786	2.39611486	2.48441669	2.0556582
0.25	0.234	4.59679789	4.61208308	4.44868192	4.51686971	4.53996723
0.159	0.225	3.59660421	3.53412801	3.75461293	3.8665787	3.76600872
0.365	0.352	4.07105743	4.27519816	3.94012645	4.15865627	4.01350796
0.087	0.082	3.14492648	2.95776709	2.82992597	3.12509972	3.21167687
0.075	0.094	2.972459	3.12488523	2.95881796	2.97582616	3.09774105
0.016	0.008	1.37225423	1.67665325	1.6159261	1.68218874	1.48965652
0.508	0.496	4.6192675	4.40510953	5.53984278	5.45920699	4.94454015
0.095	0.09	2.77275894	3.00401722	3.01725613	3.19464893	2.64464123
0	0	0.48592858	0.58815154	0.36819038	0.47794394	0.17874548
0.056	0.074	2.53111142	2.53863768	2.19275658	2.33397784	2.56449926
0.143	0.074	4.5842393	4.65246816	4.53718723	4.77891654	4.00442218
0.004	0.008	0.71189048	1.05338441	0.74952468	0.80116924	1.51489299
0.028	0.029	1.70909931	1.6766691	1.90275721	2.17679144	1.53594566
0.19	0.225	3.49321895	3.53181291	3.65996696	3.73378738	3.44194718
0.143	0.127	4.14540171	4.88587051	4.34088718	4.42250576	4.51866564
0.044	0.082	2.02715962	2.05795105	2.02646609	2.18399864	1.87344865
0.107	0.119	2.43495029	2.26754707	3.07668449	2.99420079	2.63971144
0.187	0.189	3.52513546	3.51428432	4.28872356	4.25401944	3.69772012
0.091	0.127	4.03711805	3.9470687	4.03570484	4.17392837	3.64794094
0	0	0.57934	0.51587731	0.59274028	0.64070447	0.34569956
0.187	0.119	1.83648592	1.85263111	1.72186081	1.79384984	2.22048597
0.052	0.107	2.05717242	2.05760387	2.15188624	2.31925593	2.23961205
0.052	0.041	3.95315792	3.72046017	3.77490895	3.21465115	3.78967316
0.004	0.016	0.45574937	0.49855842	0.35823444	0.59006226	1.0258542
0.151	0.148	3.42736381	3.4362744	3.64540109	3.81635222	3.43760992
0.008	0	0.46265537	0.71208776	0.35638877	0.54063129	1.30457931
0	0	0.07590407	0.07603063	0.14078132	0.03254538	0.02867925
0.341	0.385	4.24003927	4.06386795	5.25267992	5.14472439	4.64589225
0.016	0.008	1.20684743	0.76874621	1.19320172	1.1414095	0.88118255
0.004	0	0.16709487	0.08387086	0.13834638	0.11761999	1.00E-04
0.044	0.07	1.65531326	1.80726897	1.62002288	1.85776891	1.73389869

0.012	0.029	1.13215704	1.03422882	0.82024032	1.24783087	1.35625939
0	0	1.00E-04	1.00E-04	1.00E-04	0.00231655	1.00E-04
0.028	0.02	2.9762975	2.94545782	2.87556892	3.0645078	2.74928149
0.044	0.086	2.73345046	2.75376704	3.02184689	3.02330252	3.03364265
0	0.012	0.20380718	0.54755269	0.45762649	0.5709936	0.42691951
0.008	0.012	0.4357417	0.51503988	0.51443586	0.74799019	0.71935179
0.004	0	0.21061566	0.193767	0.25481499	0.24315136	0.46917904
0.016	0.008	0.94328289	0.99176569	1.0633428	1.02777945	1.33236371
0	0	0.11646465	0.11777272	0.0959014	0.05412435	0.49007525
0.02	0.016	0.35017462	0.47583392	0.39413016	0.43421908	0.42588597
0	0	0.06638727	0.11183343	0.1074066	0.02565795	1.00E-04
0.028	0.033	2.17637333	2.26000137	2.34363695	2.57068847	1.74130865
0.052	0.025	0.17529255	0.40870294	0.30970483	0.29662165	0.16909993
0.004	0.004	0.08806531	0.19743285	0.10303814	0.14268689	0.5094855
0.075	0.061	2.16063069	2.27905249	2.17184046	2.30885595	2.38494797
0.067	0.057	1.88929887	2.11929234	2.54101532	2.52361678	1.96557289
0	0	0.37032088	0.078076	0.06337976	0.03307726	0.22791493
0.004	0	0.32724089	0.44624514	0.22627765	0.22223823	0.30644688
0	0	0.09246027	0.12141331	0.13409412	0.10449812	0.29899582
0	0	0.75903257	1.27553425	0.73819905	1.06707688	0.58744745
0.052	0.049	4.62279085	4.42647319	4.78398829	4.83907548	4.07890187
0.008	0.02	0.21332803	0.29104253	0.27061785	0.30893032	0.20004167
0.028	0.025	2.81963371	2.88852253	3.22987543	3.20874463	2.91834369
0.008	0	0.31431138	0.66331162	0.47008801	0.40186368	0.67408734
0.028	0.033	0.97478065	1.11002244	0.83358828	0.95488578	2.51946204
0.024	0.016	1.86872093	2.00649807	1.67702199	1.77936698	1.92280256
0.048	0.053	0.65833575	0.79571669	0.58433827	0.707911	1.05051631
0.024	0.004	0.17082619	0.21103637	0.18663073	0.30505512	0.15095446
0.143	0.123	4.27055613	4.43248661	3.86162488	4.04472246	4.28599072
0	0	1.00E-04	0.01308003	0.00607195	0.01190616	1.00E-04
0.333	0.275	2.11931029	2.30223148	3.08023971	2.73683355	4.16938999
0	0	1.00E-04	0.00891768	0.01056284	0.01541116	1.00E-04
0.087	0.061	1.96741943	2.08587796	2.25716393	2.32182287	1.92009699
0.016	0.004	2.98853833	3.24199973	3.15536813	3.33761366	3.83142231
0.028	0.025	2.27514888	2.54445954	2.61589204	2.16809658	2.5416306
0	0	1.00E-04	0.02089986	0.01225866	0.02819073	1.00E-04
0.016	0.008	2.76539873	2.69325269	3.25401039	3.22417824	2.46389994
0.087	0.057	1.66813275	1.84662845	1.36593911	1.35994611	2.36640497
0.032	0.02	2.15740891	2.53915783	2.49531884	2.33075956	2.55444342
0	0	1.00E-04	1.00E-04	1.00E-04	0.00316031	1.00E-04
0	0	0.01830058	0.03442128	0.04009446	0.04385175	0.06107835
0.004	0	0.083597	0.06837721	0.08353881	0.09731982	1.00E-04
0.071	0.066	1.16675265	1.18954988	1.39946676	1.30283954	3.06944882

0.198	0.135	3.41745368	3.578196	3.3838562	3.55227992	3.59912838
0.115	0.102	2.72247571	2.89957282	2.61781345	2.77125751	2.64402972
0.222	0.184	3.59410199	3.6966534	3.30255528	3.51537473	3.62173311
0	0	0.68902433	0.86798398	0.78692685	1.01022001	0.14547738
0.425	0.352	4.56580012	4.7905762	4.25935339	4.41245463	4.53297147
0.032	0.029	3.14031642	3.38657285	3.19131574	3.52048581	3.03992679
0.036	0.025	3.02286182	2.68734083	3.43314927	3.48923691	3.34394719
0.119	0.135	2.81461434	2.56248328	2.9716964	3.03638101	2.68199121
0	0	1.00E-04	0.0507678	0.03389219	0.04162557	1.00E-04
0	0.008	0.01654423	0.41451631	0.15779903	0.45426217	0.03479086
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.143	0.139	2.85534735	2.86011855	2.84076004	2.90747416	2.79854112
0.091	0.078	2.10854244	2.35282269	2.37033559	2.46838401	2.37717152
0.135	0.156	3.04033587	3.27467806	2.84864531	3.09246889	2.93210019
0.04	0.025	2.10933354	2.32535282	2.70567534	2.78121881	2.21546977
0.107	0.115	3.2713439	3.37089223	3.37270194	3.48665626	3.30809674
0.119	0.09	2.40007987	2.5368145	3.10933198	3.04073921	2.83475102
0.036	0.029	1.78974953	2.05069076	2.4622416	2.44031258	2.25551335
0.075	0.07	2.58932487	2.63821767	2.67064825	2.92147446	2.50599086
0.04	0.029	2.06104643	2.09119034	2.15901164	2.42653151	1.8677714
0.02	0.008	1.74843425	1.85403987	2.30537767	2.24004453	1.75325165
0.171	0.152	3.45223654	3.64058488	3.70534367	3.86937604	3.45743898
0.214	0.197	3.21263638	3.39625359	2.82124692	3.0022512	3.48748444
0.23	0.258	3.33138157	3.43458711	3.49190998	3.51098799	3.45250459
0	0	0.49887449	0.52090324	0.26075697	0.3057032	0.10407188
0.139	0.094	2.77141278	2.80396951	2.5769682	2.75120089	3.36189756
0.107	0.131	1.81989142	1.96577511	1.58897726	1.77284459	2.54231651
0.052	0.025	2.32892624	2.22242864	2.31525529	2.41920483	2.53911649
0	0.02	0.52706707	0.66583367	0.48114066	0.66839022	1.11966241
0.008	0.008	0.11376203	0.23923383	0.13598294	0.18554802	0.3019069
0.044	0.049	1.57407898	2.12511664	1.58552768	1.41109299	1.97852344
0.032	0.029	1.24639951	1.22702894	1.11877796	1.30925249	1.0414468
0	0	0.32765147	0.19581213	0.10254383	0.06030852	0.20862444
0.131	0.152	3.77284598	3.74798978	3.44152158	3.63428782	3.46490132
0.02	0.066	2.29087578	2.34172128	2.15551435	2.34092995	2.32503611
0.024	0.025	1.07020667	1.08191275	1.28004399	1.3607355	1.0238182
0.016	0	1.48519889	1.39020087	1.96529355	2.04514726	1.64988463
0.036	0.037	2.32753774	2.49970041	2.24647375	2.58706058	2.43841818
0	0	0.28385536	0.07988912	0.06445783	0.06927516	0.04367084
0	0.008	0.20665004	0.34131362	0.26603807	0.41379472	0.14751315
0.087	0.111	4.70020265	4.60823477	4.49060002	4.67405663	4.50812038
0.052	0.061	0.74477063	1.08976803	0.78944416	0.9002688	1.17635735
0.016	0	2.4354461	2.13173576	2.32367208	2.50737359	3.32576643

0.071	0.061	0.61533394	0.42103004	0.22593085	0.36766094	0.55841185
0.012	0.012	1.19261851	1.2535569	1.71789744	1.73365814	1.2674551
0.536	0.525	4.21577684	4.12243782	3.31274718	3.60238049	5.49518325
0.131	0.184	3.80379856	3.89909995	3.92476972	4.035122	3.70730205
0	0.02	0.08400606	0.23596141	0.16230981	0.2104312	0.36238209
0.234	0.213	2.6310919	2.569465	2.60588917	2.81032175	3.37471128
0	0	1.00E-04	0.04013497	0.0140286	0.03228099	1.00E-04
0.056	0.07	0.84816246	1.83086961	1.24129239	1.03585986	1.608804
0.06	0.066	3.64049222	3.95596866	3.59946643	3.76328418	3.45669713
0.024	0.012	2.64268528	2.66999474	2.7896259	2.85780594	2.93704789
0	0	0.46477844	0.5407317	0.27925858	0.46214992	0.6121939
0.242	0.27	4.11869938	4.32376536	3.94921421	4.23423986	4.49476661
0.067	0.074	2.97940717	3.19385139	3.78248646	3.70424372	3.05244338
0.218	0.234	3.21757231	2.91907567	3.52746836	3.51456258	4.57181903
0.409	0.369	5.26673328	5.37771095	4.9186954	5.10863803	5.28459557
0.004	0	2.66056769	3.6883582	2.83076505	2.57344162	2.25957901
0.052	0.078	3.54080323	4.03207345	3.89587491	4.30770908	3.88972183
0.048	0.061	1.00895363	1.21809062	1.0021011	1.04088131	0.56165787
0	0	1.00E-04	0.010451	1.00E-04	0.00862005	1.00E-04
0.071	0.074	2.09503163	2.24834783	2.74976655	2.62805105	2.35957717
0.008	0	0.305728	0.30785618	0.69593141	0.55984203	0.50964674
0	0.004	0.20631434	0.15940572	0.14930852	0.23689451	0.06962287
0.079	0.086	2.53043817	2.76193436	2.74836348	2.81653094	2.38123003
0.071	0.082	2.96523275	2.90846959	3.31005006	3.29968772	2.95119021
0.067	0.111	0.80319571	1.34178686	1.36049017	0.90022337	2.71641916
0.151	0.156	3.37215164	3.5494369	3.30252643	3.49985279	3.23636781
0.028	0.012	0.94011588	1.02318948	0.80296819	1.09651346	0.82078061
0.179	0.221	4.25498416	4.46518984	4.75227287	4.68121847	4.24642271
0.04	0.07	2.13160301	2.16875048	2.60166585	2.65045142	2.0161681
0.044	0.02	1.36488263	1.40164624	1.34928109	1.4793071	1.77689695
0.028	0.008	1.49951125	1.91031294	0.98938654	1.20125744	3.68301895
0.052	0.057	2.27382022	2.31017602	2.6182623	2.67551425	2.44255705
0.012	0.016	0.48701599	0.82953341	0.48654788	0.54657799	0.68641556
0.095	0.086	4.28855917	4.16489684	3.83448732	4.10292416	4.90973962
0.028	0.037	3.03280418	3.23277913	3.54241262	3.57238705	3.17477009
0.155	0.098	4.29023856	4.3913629	4.16583459	4.25170341	4.7358817
0.306	0.311	3.94222285	3.61579225	3.64162966	3.86623359	3.40387149
0	0.004	0.04231466	0.08983112	0.10764814	0.13995043	0.04927424
0.008	0.012	0.03634824	0.59911936	0.30507113	0.33683782	1.00E-04
0.063	0.041	3.38408078	3.31977622	2.71262029	2.96568138	2.83238189
0.004	0.004	0.18099201	0.33757817	0.21558254	0.13805624	0.71903576
0	0	1.00E-04	0.0103555	0.00271932	0.00957148	1.00E-04
0	0.004	1.04939575	1.26590343	1.43360906	1.48776094	1.27598772

0.067	0.07	2.78442472	2.9221106	2.35820274	2.59175661	3.62069094
0.02	0.012	3.19696837	3.23931352	3.56514734	3.57790192	2.77828517
0.004	0.004	1.33879152	0.90846494	1.24404332	1.68074834	2.01962554
0.06	0.066	1.52109907	1.45908884	1.57890957	1.86401111	1.85882448
0.052	0.029	4.58459318	4.51804559	4.4851239	4.64942978	4.47771168
0	0.004	0.09714253	0.38646507	0.23002369	0.32484956	0.22126179
0.032	0.02	1.43433545	1.66574063	1.82783997	1.92337526	1.62076247
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.111	0.164	4.4266811	4.39955857	4.17717016	4.44896499	4.69431704
0	0	0.02234058	0.02033532	0.01911119	0.01647176	1.00E-04
0.056	0.025	1.77538607	1.54063345	0.77217524	0.93498734	0.08545805
0	0	1.26497451	1.38233028	1.18799128	1.36100288	0.53031179
0.075	0.086	2.74897763	2.77089489	2.89846135	2.91484371	2.85920672
0.071	0.029	2.78686123	2.93227204	3.09794293	3.08997333	2.84223036
0	0	1.00E-04	0.02949077	0.00287331	0.02510146	1.00E-04
0.008	0	0.71389631	0.93037104	0.61939611	0.51329548	0.7094875
0.103	0.094	2.69523328	2.77428758	2.38097991	2.49971669	2.64853318
0.421	0.369	4.12379402	4.08891805	3.79917596	3.94394518	4.80783403
0.012	0.004	0.04173151	0.11755997	0.07182407	0.07480103	0.43901301
0.036	0.078	0.71038093	0.75238849	0.6344638	1.0326578	1.15367835
0.175	0.156	2.9931279	2.84011127	3.41768732	3.51810606	2.97594308
0.016	0.008	0.75984171	0.92089715	0.76785825	0.79602043	0.74100676
0	0	0.02279474	0.02129008	0.04864527	0.03316186	1.00E-04
0.004	0.008	0.42510324	0.37573126	0.60303902	0.62398907	0.39802866
0.063	0.045	2.01629877	2.10755323	2.57147549	2.44757399	2.16969953
0	0	1.00E-04	0.00463837	0.008302	0.01419939	1.00E-04
0	0	1.00E-04	0.04964762	0.029466	0.05774124	1.00E-04
0.012	0.016	0.27702088	0.33501182	0.24118977	0.23451184	0.57541898
0.024	0.041	1.29976272	1.47033879	1.27142931	1.45546623	1.72440714
0	0	0.03226235	0.01215347	0.00633101	0.00568803	1.00E-04
0.004	0	0.14268552	0.10223743	0.110661	0.08691421	0.22611151
0.119	0.143	2.61772738	2.63980126	2.52281904	2.3248593	2.36430804
0	0	1.00E-04	0.03018732	0.02896749	0.0525179	0.10022041
0	0	0.06071691	0.20739295	0.10399363	0.12153409	0.07570277
0.008	0.012	1.36143241	1.37888296	1.44724467	1.51110427	1.73468304
0	0.004	0.03481409	0.03331511	0.03491156	0.04018085	0.07583547
0.008	0.004	0.07468636	0.24440088	0.05078468	0.21860692	1.00E-04
0	0	0.14428218	0.0405502	0.04073906	0.03559922	1.00E-04
0	0	1.00E-04	1.00E-04	0.00929536	0.00167501	1.00E-04
0.004	0	0.01940254	0.05339244	0.07119127	0.06739662	0.06155626
0	0	0.08552185	0.06711662	0.0469147	0.05018778	1.00E-04
0.111	0.143	2.58895081	2.88748017	2.68642432	2.78483185	2.70263924
0	0.004	1.00E-04	0.27353017	0.0529316	0.21402957	0.10788549

0	0	1.00E-04	0.02650145	0.03606385	0.08569995	1.00E-04
0.004	0	0.2536794	0.37886351	0.25899522	0.41296573	0.07616281
0	0	1.00E-04	1.00E-04	1.00E-04	0.00590299	1.00E-04
0	0	1.00E-04	0.01498035	0.00583505	0.00110427	1.00E-04
0	0	0.03286718	0.06717104	0.04848842	0.06502737	1.00E-04
0	0	1.00E-04	0.0058578	0.00485658	0.00406448	1.00E-04
0.008	0	1.74812505	2.17157099	2.26871663	2.48089841	1.33455898
0	0	0.07993368	0.06334006	0.02831961	0.04289504	0.03699437
0.302	0.295	6.17427974	6.09849566	5.99225197	6.16082768	5.80648269
0	0	0.10239206	0.2896736	0.25060435	0.13160605	0.38105972
0.012	0.02	0.64326987	0.7670695	0.74209967	0.69207708	0.82239119
0.02	0.016	0.15633672	0.29750176	0.12359163	0.15504846	0.94493948
0.131	0.102	2.25412172	2.29271753	2.00610734	2.03371792	2.56815335
0	0	1.00E-04	0.04177151	0.04868619	0.06019869	1.00E-04
0	0.004	0.28813173	0.38237262	0.21069942	0.16301852	2.84840413
0	0	1.00E-04	0.08447315	0.08158922	0.05149303	1.00E-04
0	0	0.05006624	0.11832492	0.05770877	0.06925706	0.15785342
0.008	0.004	1.51797483	0.85915546	0.67845832	0.93115312	0.46792971
0	0	1.00E-04	1.00E-04	1.00E-04	0.01102219	1.00E-04
0	0	1.00E-04	1.00E-04	0.00564382	0.00236607	1.00E-04
0.171	0.193	2.35092069	2.78940143	2.41116646	2.43897053	3.73682626
0.218	0.27	3.99785472	4.32470056	3.68662198	3.99016297	3.81901023
0.127	0.156	2.92814373	2.94395558	3.17701763	3.36883483	2.8667622
0.111	0.066	4.86412759	5.08021869	5.257866	5.30237712	5.01344592
0.02	0.033	5.03261715	5.46209687	4.84860823	4.80520906	4.60613146
0.04	0.033	1.45260963	1.71013348	1.46720176	1.4793993	1.72691652
0.099	0.111	5.34432038	5.80855896	4.76426712	5.07741766	6.81097895
0	0.004	0.13875179	0.62537431	0.27246528	0.21427751	0.43500379
0	0	0.00831618	0.02521316	0.01303833	0.05409206	0.05667114
0.04	0.02	2.95854498	2.87876223	2.51636926	2.75374764	3.52526242
0.103	0.057	3.63380734	3.88751299	3.90081165	3.7811895	3.5105083
0.091	0.123	1.63648857	1.90254448	1.93256386	2.28126745	1.83609256
0.008	0.012	0.61330101	0.3876293	0.51449417	0.61535163	0.85100753
0.214	0.213	1.99405376	2.0752014	2.69103923	2.57215534	2.44909849
0.016	0.004	0.01919411	0.04848871	0.06116256	0.04300443	1.00E-04
0	0	0.33519288	0.36856608	0.17466677	0.19829686	1.00E-04
0	0	0.30851245	0.39796568	0.25584143	0.26574763	0.44528486
0.063	0.082	3.27032805	3.33346776	3.12230524	3.23122284	2.87626579
0.171	0.152	3.73587777	3.96721499	3.35196151	3.49038019	4.27700256
0.206	0.16	3.52008835	3.82816154	3.41154936	3.62375563	3.76643103
0.306	0.332	2.0001862	2.03152007	2.01268574	2.3388072	4.53134742
0.008	0.02	0.92386552	1.46288742	0.83767721	0.93990919	1.13144754
0.024	0.053	1.12506083	1.81490062	1.20590058	1.21844594	0.94034366

0	0.004	2.43065751	1.85351053	1.51367379	1.95679311	1.08881713
0.008	0.004	0.13886633	0.11205606	0.10041565	0.14168923	1.00E-04
0	0.012	0.42299349	0.83277808	0.41828179	0.3540597	0.2754557
0	0.004	1.00E-04	0.08035012	0.04478298	0.04757915	1.00E-04
0	0	0.16591933	0.14467152	0.08082282	0.11019781	0.26812948
0	0	0.04799851	0.05388876	0.04001793	0.03833701	1.00E-04
0	0.004	0.03077116	0.00317953	0.01507659	0.03997918	1.00E-04
0	0	0.67764448	1.89593695	0.80663741	0.87192966	0.24529679
0.087	0.033	5.4709834	5.43732541	5.43473997	5.59258194	5.12159704
0.599	0.582	4.81794845	4.54492131	4.32604807	4.33430012	5.04421502
0.016	0	0.1694344	0.21869757	0.48721198	0.40130419	1.22317429
0.056	0.049	0.14117389	0.13444199	0.08786551	0.11151405	1.26557124
0.012	0.004	0.14089129	0.27597674	0.13080167	0.15288729	3.26852179
0	0	0.01361607	0.02829585	0.10503109	0.0534948	0.06887131
0.183	0.164	2.99151902	3.23719055	2.88751082	3.2338766	2.8896281
0.206	0.262	3.69966384	3.69009251	3.5225551	3.62070735	3.74182009
0.02	0.012	3.48900307	3.46239834	3.66785658	3.64914139	3.45036518
0.024	0.033	2.97283403	3.14384008	2.56890882	2.82685362	2.76245565
0.075	0.111	0.37269042	1.7021128	0.50667718	0.55388755	0.41878484
0.004	0	0.08041361	0.08351624	0.07666851	0.07649419	1.00E-04
0.286	0.332	2.80070694	4.6774438	2.85797311	3.03696459	2.75638148
0.008	0.008	0.52708914	0.44732365	0.32673404	0.45533958	0.66985192
0.321	0.299	3.65525242	3.67795795	4.70299861	4.53314397	4.1318467
0	0	0.09846255	0.24239374	0.21567357	0.29850302	0.63848946
0	0.004	1.42098485	0.75299897	0.47777629	0.76165497	1.32263036
0.004	0.008	1.71956354	1.14113479	0.89590869	1.54756625	0.78707621
0	0	0.02192544	0.06048124	0.0215951	0.02631472	1.00E-04
0	0	0.04243128	0.04309237	1.00E-04	0.00706271	1.00E-04
0.004	0.004	0.08891063	0.0488483	0.0437848	0.0817742	0.04657928
0	0	0.03616843	0.02427062	0.03177549	0.01561209	1.00E-04
0.476	0.41	4.36080836	4.21725429	4.20513799	4.23894	4.59054438
0.508	0.471	4.86018532	5.13725566	4.57688343	4.66082754	4.96983015
0.024	0.004	0.36199447	0.98699655	0.70358111	1.1809666	0.0518324
0.413	0.48	4.34286272	4.34220858	4.34161955	4.46157679	4.47091345
0.222	0.197	3.26211223	3.40292196	3.68843302	3.53988485	3.43361812
0	0	1.00E-04	1.00E-04	0.00209553	0.00782046	1.00E-04
0	0	1.00E-04	0.01635682	0.01105196	0.01799171	1.00E-04
0.04	0.037	2.59443609	2.55380409	3.15643505	3.05019813	2.95378916
0.02	0.02	1.4293172	1.56600165	1.29114887	1.35621454	1.45558385
0.206	0.172	3.99534097	4.30704775	3.75314414	3.83602671	4.02718733
0.016	0.004	2.40184063	2.91361742	2.39962586	2.26831741	2.72664387
0.397	0.406	4.88048672	4.92595698	4.48151065	4.6352911	4.63237899
0.266	0.287	0.80710419	1.25329031	0.70906904	0.75876151	2.64639099

0.306	0.311	3.93509715	4.11007244	3.59208062	3.86156456	3.91267917
0.127	0.143	3.142586	3.27082573	3.19409492	3.44542207	3.09823849
0.016	0.008	3.01747691	2.85595457	2.76917322	2.99193053	3.01969787
0.27	0.299	4.28844658	3.98305853	4.10955699	4.21818967	4.58068714
0.016	0.02	4.06065012	3.8257668	3.90494445	4.11877387	2.78697972
0.02	0.016	1.21795805	1.60365909	1.1870729	0.96015464	1.53831599
0.655	0.635	4.36216427	4.54634009	4.21152804	4.24197325	4.48444727
0.317	0.258	4.46175354	4.45089727	4.52587519	4.5704271	5.15815959
0.008	0.004	0.38990751	0.67524669	0.45122168	0.59172738	0.05174911
0.631	0.578	4.57862376	4.59838951	4.33557682	4.43163073	4.69406285
0.222	0.197	4.00895014	4.16057271	3.9472752	4.05593519	4.34008153
0.508	0.447	4.8364022	4.98356393	4.83824714	4.87577034	5.02564301
0.135	0.119	3.33237154	3.34459387	3.09340785	3.29342717	3.2717109
0.091	0.09	2.61415052	2.86272397	2.6179787	2.72835791	2.68503366
0.187	0.205	3.34447235	3.32980607	3.45931487	3.54571496	3.50552953
0.556	0.516	5.37004655	5.41897828	5.24388349	5.35287243	5.20402936
0.175	0.242	3.87454103	3.78745011	3.74112166	3.86943871	3.95178307
0.083	0.094	2.59533814	2.73359395	2.83431674	2.88795803	2.67954383
0.075	0.078	2.32835176	2.5778235	2.76418201	2.85519517	2.59777894
0	0.004	0.43054786	0.35123023	0.2277039	0.33281307	1.05068709
0.222	0.201	3.80668622	3.81017289	4.06367098	4.02707015	3.78735933
0.313	0.275	4.18700056	4.19905719	3.95209341	4.05079124	4.29417779
0.024	0.041	0.59990897	0.97902873	0.80845763	0.96556429	1.38849202
0.056	0.057	2.26149488	2.16462855	2.56855864	2.4951665	2.18871894
0.393	0.336	3.7675632	3.75800108	4.13132788	4.16441753	3.86957382
0.302	0.283	2.71289582	2.65823613	2.75976837	2.92981101	3.16838928
0.448	0.475	4.74927844	4.84914193	4.36745893	4.51027347	4.73931921
0.298	0.311	6.46880407	6.87987339	6.56117718	6.69629737	5.62276822
0.69	0.602	5.55064063	6.06585901	5.03781219	5.25741372	5.75938416
0	0	0.01173169	0.00700146	0.04814978	0.02787942	1.00E-04
0	0.012	1.00E-04	0.06541751	0.03243675	0.03181203	1.00E-04
0	0.004	0.04679521	0.00373902	0.03697489	0.02254451	0.04404727
0.214	0.18	4.46501104	4.17469494	4.97581201	4.95694811	3.9089095
0.04	0.045	2.2427436	2.38073916	2.36002761	2.5085038	2.66751999
0.429	0.525	4.21124763	3.99323052	5.13217034	5.06320089	4.64909138
0.52	0.5	4.8951472	5.10834869	4.54979077	4.66939835	4.98369322
0.115	0.131	2.853965	3.03772735	2.84399067	3.04325057	2.92562363
0.48	0.504	4.73770232	4.91722414	4.38279336	4.57707099	4.87843395
0.365	0.332	4.64238327	4.86339592	4.29600797	4.5317466	4.70473167
0.028	0.004	1.8788463	1.72464274	2.20469117	2.17152235	1.8686765
0.083	0.033	2.83902071	2.93176279	2.81787035	2.99351849	2.92205945
0.024	0.012	1.45021503	1.56938877	2.14802476	2.07467696	1.45294097
0.067	0.102	3.00554495	3.08430373	3.80479112	3.70308276	2.51980158

0.206	0.172	3.25984219	2.97996287	3.68215187	3.59318251	3.19452628
0.004	0	0.11276282	0.14870974	0.18443885	0.31482206	0.04632219
0.099	0.131	2.57103143	2.40834799	3.20329901	3.12144312	2.87822481
0.044	0.041	2.23596787	2.2776063	2.84586292	2.78773378	2.24533503
0.063	0.07	2.732847	2.59492336	2.88514304	2.90432842	2.48165397
0.266	0.311	4.60701571	4.76196798	4.62911721	4.81993317	4.36861601
0.04	0.041	2.92639712	2.307989	2.74783641	2.75088274	3.1697453
0.012	0	0.43756149	0.4774256	0.36673643	0.38055882	0.46761518
0.008	0.025	0.84616391	0.82856022	0.90980335	1.40245344	0.92133051
0.218	0.193	3.43669064	3.47405056	4.20347043	4.21321499	3.58842231
0	0	0.23307726	0.3001717	0.27711416	0.27056789	0.13297023
0.079	0.074	2.78108158	2.87445484	3.6925058	3.6687027	2.87563017
0	0.004	1.00E-04	0.01186333	0.00459438	0.02831648	1.00E-04
0.02	0.029	0.05379749	1.2271691	1.05137734	1.00571016	0.04087983
0	0	1.00E-04	0.01634204	0.0082638	0.01186022	1.00E-04
0.111	0.086	2.58033632	2.61940209	3.5440684	3.40734316	2.8499889
0.056	0.086	2.1936651	2.15625336	2.97794948	2.897121	2.41240189
0	0	1.00E-04	0.0248673	0.00211847	0.03975439	0.16060422
0.052	0.061	1.66799725	2.07604766	2.47450533	2.40887537	1.89610914
0.087	0.045	2.43007096	2.54094697	2.89342365	2.95815963	2.95495782
0.099	0.135	3.61292694	3.64932566	4.44557057	4.35265389	3.68269104
0	0	1.00E-04	0.00436385	0.0117872	0.00242784	1.00E-04
0	0.004	0.09464802	0.12787813	0.15929281	0.23389947	0.30431512
0.004	0	0.498289	0.7058627	0.45531256	0.87956308	1.7939243
0.079	0.029	2.11811038	1.89098029	2.72262291	2.59290865	2.25549395
0	0.004	0.14854417	0.23091808	0.13938598	0.22555449	0.26153025
0.004	0	0.0097125	0.06332348	0.06455684	0.07308661	1.00E-04
0.266	0.205	3.99765891	3.93820137	4.5646143	4.55765551	4.09484481
0.012	0.049	1.47501443	1.70456464	2.19476462	2.11037578	1.72903597
0	0	0.20593276	0.23372583	0.10478588	0.12637507	1.00E-04
0.012	0.008	0.40090666	0.73430453	0.71877163	0.54066547	0.38844512
0	0	0.05513131	0.17968533	0.02877122	0.1455572	0.12264202
0.143	0.131	3.58795186	3.40207961	3.30143479	3.56762364	3.86341165
0.131	0.156	3.26717439	3.23319087	3.43532834	3.41034123	3.55541652
0	0	0.0413309	0.09664607	0.05761331	0.06405453	1.22385619
0	0.004	1.44259662	1.52829549	0.9813056	1.05518223	0.52846277
0	0	0.19225581	0.24406874	0.1577502	0.20850162	0.19073788
0.06	0.041	0.61121502	0.74567246	0.44516431	0.40658073	1.24332224
0.063	0.074	1.699027	2.04754132	2.30752223	2.44147046	1.9154125
0.067	0.049	1.89073625	1.99673208	2.55080109	2.58407942	2.24293603
0.008	0	0.44699057	0.4853368	0.28653378	0.29740899	1.34180183
0.103	0.119	2.89761325	2.95685121	2.88836191	3.08010064	3.11629186
0.004	0	1.00E-04	1.00E-04	0.03450938	0.00299235	1.00E-04

0.115	0.119	3.64497763	3.78990506	3.88997057	3.93828897	3.30655891
0.004	0	1.71387184	1.73828797	1.37408565	1.45190047	2.0381622
0	0	1.00E-04	1.00E-04	1.00E-04	0.00207895	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00936902	1.00E-04	1.00E-04	1.00E-04
0.151	0.184	3.85130057	3.95728888	4.38415078	4.2473397	3.66798733
0	0.004	0.91873797	0.83131783	0.82746317	0.80617532	1.11888691
0.028	0.053	0.69980907	1.55107151	0.66223507	1.07848129	1.09219136
0	0	0.02296022	0.09051763	0.06485368	0.064632	0.19872167
0.206	0.168	3.63553916	3.87239109	3.79261061	3.80712708	3.90415731
0.012	0.016	1.23661659	1.28638001	1.47420895	1.5612794	1.30774717
0.242	0.217	4.49127576	4.65129216	4.16508885	4.36316918	4.53749877
0.5	0.512	3.75772907	4.00993627	3.47741791	3.75191596	4.30546802
0	0.004	1.00E-04	0.01736434	0.01464446	0.01913394	0.10069441
0.127	0.152	4.26299361	4.11182113	4.12723206	4.26669407	3.62145106
0.631	0.557	5.52233394	5.74215806	5.17655597	5.32123359	5.41340918
0.091	0.078	3.0460818	3.07662647	2.73495157	3.00855172	3.19887658
0.036	0.045	2.01863931	2.08368898	2.06598431	2.22118867	1.94999813
0	0	0.17333254	0.11801424	0.03649236	0.06158408	1.21894878
0	0	0.01311904	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.83116219	0.91408306	0.75466825	0.79713372	0.91006607
0.151	0.148	3.5538722	3.52759451	3.59214272	3.70574116	3.7281907
0	0	1.60196764	1.84250979	1.30055685	1.22960959	0.28976847
0.107	0.07	3.32393627	3.17645901	3.36842355	3.41416747	3.27925706
0.111	0.111	1.87619847	1.96387511	2.02167061	2.13646721	1.9265377
0	0.004	0.14121741	0.16493604	0.09451551	0.11213863	0.13040083
0.06	0.061	2.73234875	2.8009254	2.84695252	2.77613418	2.77554809
0.04	0.016	1.64761839	1.77156599	2.33596896	2.30658967	1.75540644
0.123	0.143	2.48692507	2.6095535	2.27739357	2.62882347	2.31119673
0.091	0.041	2.36123749	2.30337815	2.15003666	2.3011294	2.2540546
0.111	0.139	2.67619764	2.86866892	3.3260896	3.41826738	2.79844755
0.099	0.156	3.17449524	3.07733167	4.00727255	4.01181128	3.43201477
0	0.004	0.02950069	0.08898122	0.04961516	0.05352556	0.06851685
0	0.008	0.14134005	0.19685301	0.11965536	0.17977547	1.78553092
0	0	0.013963	0.02408255	0.0394489	0.04038895	1.00E-04
0.004	0	1.93040331	2.26682436	1.82533739	1.88085496	0.15835832
0.512	0.443	5.49191696	5.55782508	5.12910693	5.18116828	5.572437
0.012	0.02	0.6118572	0.67825387	0.62092629	0.82652804	0.70796408
0.238	0.242	3.63436179	3.67911725	4.41710854	4.42487495	3.86881273
0.147	0.107	2.83937757	2.83366666	2.94294144	3.02029033	3.09407561
0.032	0.008	2.26431243	2.29788139	2.97523494	2.91372878	2.61335309
0.028	0.025	2.24675416	2.7756335	2.38202756	2.38993184	2.38995442
0.012	0.016	0.04305353	0.08401424	0.05573968	0.08456104	0.15136492

0.484	0.467	3.23570171	3.25510895	2.95369232	3.09471838	3.3133517
0.27	0.287	3.64378821	3.55065863	3.80134938	3.91540611	3.92661394
0.19	0.18	2.52163081	2.65220919	3.30998077	3.23366851	2.76117482
0.131	0.119	2.81603809	2.71802924	3.43330597	3.32990473	2.84728661
0.032	0.066	2.44981335	2.65322261	3.02743844	2.96537788	2.32661884
0.095	0.082	2.18169952	2.28955198	1.90355932	2.15057215	2.2163297
0.091	0.102	2.45308715	2.44169	2.72762821	2.69286292	2.52243864
0.413	0.373	4.39338092	4.45739743	4.25896054	4.36817622	4.38108863
0.048	0.07	2.18573256	2.34242453	2.67938985	2.78203025	2.21997074
0.274	0.246	3.29501599	3.53913631	3.64077078	3.63647967	3.70613084
0.373	0.377	3.86889962	3.98468591	4.70132744	4.6384926	4.19528774
0.278	0.213	3.33505822	3.33419344	4.08124853	3.90749087	3.57361704
0.016	0.025	1.23830095	1.25347818	1.45327803	1.65996677	1.51777259
0.258	0.184	3.36118359	3.52403104	4.06950656	4.06086511	3.71946142
0.329	0.299	3.90107794	3.67908081	4.61255607	4.42345263	4.21687984
0.29	0.34	3.91765564	3.96192909	4.69686378	4.64638908	4.17864149
0.234	0.246	3.18552578	3.30776955	4.17761676	4.07904956	3.57522545
0.119	0.107	2.52745276	2.42252459	3.19231602	3.14437751	2.78119928
0.214	0.201	3.10428636	3.00363522	3.93351591	3.81435291	3.52080855
0.234	0.25	2.77464973	2.55941924	3.15447575	3.08859695	3.0831125
0	0.004	0.18445305	0.07182184	0.07951317	0.10495936	1.00E-04
0.552	0.459	6.33614585	6.88623325	5.89065876	5.90397902	5.62139745
0.381	0.373	3.20009226	3.33047087	2.92808449	3.03783369	3.22509795
0	0	0.23883885	0.26245392	0.22577366	0.22040631	0.07503804
0.008	0.012	0.93563533	1.19549099	0.46841245	0.50800057	0.96952362
0.036	0.012	0.29651774	0.86558477	0.96878424	0.6930449	0.18663834
0.341	0.361	3.95334861	3.95509429	4.62647088	4.52691869	4.20131301
0.063	0.07	2.77725651	2.86570955	2.94395265	3.1119409	2.70492109
0.29	0.332	3.91907824	4.01274857	4.18240281	4.18890306	4.11161813
0.218	0.139	4.48958074	4.40977791	4.46881903	4.52704288	4.59401534
0.19	0.148	4.94073238	5.31429562	5.04461565	5.06441859	5.0421333
0.091	0.086	2.04360031	2.30327942	2.19821925	2.32894024	2.63340694
0.087	0.082	2.51967123	2.57922915	2.91472113	2.94817976	2.51732961
0.369	0.348	5.1765885	5.19522071	4.55270022	4.70993303	5.1407409
0.5	0.516	4.8794158	4.9895651	4.4712878	4.63847493	4.65835
0.095	0.045	2.3828091	2.55247179	2.85870632	2.87945835	2.49083588
0.024	0.049	1.86683397	1.73799617	1.80512547	1.93130743	2.02991361
0.103	0.098	3.10635724	3.03582617	3.72778119	3.60499681	3.27831899
0.123	0.078	2.68553332	2.94492388	2.93454218	3.16488907	3.58039906
0.111	0.127	3.16455876	3.31742501	3.00530726	3.15311415	3.0899364
0.21	0.176	4.83703606	4.93054439	4.82269993	5.01420091	4.74394421
0.028	0.041	1.30769353	1.45786864	1.33875209	1.52625131	2.1880916
0.016	0.016	1.00661261	1.26390111	1.21488027	1.32655412	0.91444699

0.008	0	0.90232528	0.78502111	0.7181376	0.81566979	1.9095769
0.111	0.074	5.95400242	6.10047621	5.70357422	5.90850156	5.75027331
0.266	0.201	2.57144113	3.00478413	2.07233974	2.17816164	2.41844255
0.147	0.139	4.02265712	4.11162128	3.93220853	4.00842149	3.84352812
0.313	0.287	5.38002644	5.52317999	5.09210435	5.23395345	5.79071934
0.278	0.246	4.83076201	4.7567823	5.25827011	5.17646983	4.91987546
0.147	0.213	3.58871565	3.61100199	3.40903426	3.54122593	4.04489295
0	0.004	0.09192538	0.17389048	0.165366	0.19197198	0.1301792
0.067	0.057	2.0408785	1.93568126	2.03932063	2.64782591	2.18443889
0.004	0	0.67120947	1.00535565	0.9978592	0.93817998	0.62104479
0.329	0.34	4.61699877	4.7035378	4.54434962	4.44090946	4.5344006
0.151	0.148	4.23577073	4.1172788	4.58152483	4.57164102	4.22203742
0.444	0.471	4.54513406	4.76855502	4.80128928	4.87409585	4.63654125
0.008	0	2.36670831	2.60045275	2.14410749	2.18562781	2.15439676
0.044	0.082	3.73525897	3.69714723	3.62711511	3.77584524	4.10830522
0.183	0.164	5.27207584	5.28244935	5.07669153	5.16617599	5.71326532
0.254	0.213	4.78247225	5.04685885	4.67071248	4.7805013	5.04753683
0.02	0.016	2.5366539	3.23012016	3.20738866	3.32627363	2.11693309
0.016	0.029	1.07068797	1.40839094	1.74497083	1.58792816	0.78538825
0.31	0.324	2.66046335	2.76510556	3.33488692	3.33632092	2.83520465
0.071	0.074	3.59035204	3.58894175	3.63120229	3.74272874	3.1115831
0.016	0.004	1.21306659	0.91435095	1.32320512	1.1067045	2.31674639
0.087	0.057	1.89660548	1.7580705	1.71195716	1.79251968	2.24835139
0.083	0.143	3.50876246	3.65483509	3.20343591	3.38702071	3.5468777
0.032	0.029	2.61437523	2.60676787	2.55168756	2.71331826	3.45196993
0.04	0.078	2.54968893	2.79891032	2.63132679	2.90136346	2.56737742
0.179	0.176	3.98253444	3.90517753	4.46237855	4.32618535	3.9380584
0.226	0.168	4.52008055	5.11002852	6.12056422	4.88347791	5.52477834
0.028	0.008	3.56081292	3.62354148	3.48851964	3.5464178	3.79685067
0.004	0.004	1.12171472	1.39416546	0.52975177	0.63266666	0.22685772
0	0	0.19281097	0.56943933	0.21232639	0.25220864	0.23259755
0.73	0.627	5.07971053	5.12975459	5.39904441	5.28859923	5.29096381
0.107	0.148	0.98810266	1.10488128	0.71051944	0.86884593	0.85454405
0.004	0.012	4.05816839	3.93754865	2.14296062	2.71817203	1.8091997
0.036	0.045	3.47790115	3.5208315	3.62528394	3.7225564	3.1789043
0.004	0.008	0.59279631	0.49233924	0.40058794	0.43663269	0.5725393
0.004	0.004	0.64560463	0.70027432	0.45721906	0.43881537	0.54377115
0	0	0.07926719	0.15046527	0.09907066	0.11977407	0.10794459
0.02	0.016	2.10770994	1.86182795	2.19910006	2.32272775	2.17176263
0.325	0.41	5.16364752	4.83211783	4.46390763	4.65045032	5.12390316
0.099	0.143	4.88185499	4.93353228	4.6445038	4.71775681	4.52166738
0.774	0.734	5.09072526	5.45844217	4.81504214	4.98881527	5.15650989
0.552	0.549	4.8829629	5.02565568	4.64048672	4.83032079	4.79352483

0	0	1.00E-04	0.10732779	0.03324981	0.04528445	1.00E-04
0	0	0.02003625	0.02583688	0.01340821	0.00936944	0.06723254
0	0	1.00E-04	0.07646335	0.03017819	0.00807035	1.00E-04
0	0	1.00E-04	0.0263858	0.10412396	0.06190704	1.00E-04
0.012	0	2.12903265	1.91849481	2.99359012	3.03695798	2.21080903
0	0	1.00E-04	1.00E-04	0.00833288	0.00517301	1.00E-04
0.012	0.012	0.31532122	0.4577071	0.26795632	0.45211162	0.05990248
0.016	0.004	0.99041605	1.03202693	0.9873935	1.13466099	0.76014076
0.004	0.012	0.67547195	0.83016537	0.53962626	0.54135346	0.19487754
0	0	0.18246509	0.18035818	0.18465058	0.27679301	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00789328	1.00E-04
0.004	0.008	0.65938862	1.11234692	0.7252767	0.84296578	0.66595052
0	0.004	0.03449041	0.06720685	0.11186578	0.11155714	1.00E-04
0	0	0.01363747	1.00E-04	0.01358172	0.02281636	0.07669311
0.079	0.156	1.61460681	1.40523185	2.25206842	2.43654089	2.40700534
0.024	0.029	1.33166507	1.73022284	0.96959335	1.04901469	1.51893118
0.012	0.004	1.62051076	0.81335157	0.40152884	0.5288376	1.4263419
0.004	0	0.08283222	0.0861282	0.14600708	0.16490845	0.08437466
0.004	0	0.3008522	0.12548345	0.14677283	0.18711305	1.00E-04
0	0	1.00E-04	0.00625615	0.00802135	0.00199763	1.00E-04
0.202	0.16	3.34295285	3.4281562	3.26158997	3.49121665	3.08456793
0.702	0.68	5.19422408	5.97052706	5.09690653	5.26554865	5.34134638
0.5	0.439	4.36560918	5.2778738	4.37902811	4.55756641	4.79057398
0.044	0.02	1.4997061	2.93270901	1.62919458	1.68734363	1.58646924
0.278	0.299	4.67889412	4.89758615	4.59520717	4.73402505	4.69793093
0.099	0.123	2.30732401	2.44401496	2.3065473	2.46939836	2.42683411
0.444	0.373	4.38496514	4.453365	3.99238866	4.33109962	4.44470524
0.179	0.201	3.39613493	3.7284432	3.19882765	3.2603052	3.94614342
0	0	1.00E-04	0.05461058	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.01266448	0.00850516	0.02063044	1.00E-04
0	0.012	0.14231965	0.5052688	0.50651214	0.4978745	0.09175067
0	0	0.07748601	0.01581766	0.03581922	0.03016585	1.00E-04
0	0	1.00E-04	0.01994896	0.06304966	0.04104085	1.00E-04
0	0	0.48704812	0.59130827	0.66691879	0.66847833	0.45366378
0.02	0.053	0.48598296	0.56693228	0.68144616	0.67251731	0.66225558
0	0	0.02629921	0.09556854	0.03881674	0.09174788	0.15297783
0.06	0.053	2.73178293	2.76609823	3.09784489	3.08662585	2.47550737
0.099	0.09	2.09033021	2.33390663	2.28880375	2.11217419	2.07434105
0.099	0.086	2.86750559	3.26413046	2.64620097	2.78865614	2.15245155
0.016	0.029	0.50938511	1.18032063	0.7689178	0.72737338	0.33896449
0.008	0.004	0.1098051	0.24160414	0.20297555	0.20647968	0.19096589
0.024	0	1.77141419	1.51425324	1.7379305	1.5665113	1.87868938
0.016	0.008	0.46532498	0.96411813	0.40003571	0.56571095	0.16752688

0.179	0.189	3.64739825	3.8103802	4.21458111	4.26639577	3.87632666
0.004	0.004	0.04682106	0.23293641	0.38099046	0.45295198	0.24625055
0.444	0.332	5.54552416	5.70293972	5.34900715	5.3448843	5.9809608
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.03368621	0.26679728	0.38977134	0.28900023	0.07814717
0.008	0.004	0.93066361	1.03602346	0.87709447	0.93450889	0.77756984
0.06	0.086	3.62269486	3.49058059	3.93154662	3.83857795	3.31429754
0.317	0.27	4.06565167	4.19640308	3.78235006	4.00424443	4.23384346
0.075	0.045	2.42069535	2.58548546	2.5262452	2.6602186	2.57154127
0	0	1.00E-04	1.00E-04	0.0093515	0.01527273	1.00E-04
0.329	0.311	4.11877598	4.63537077	4.03389456	3.77198624	3.09112814
0.004	0	0.18568395	0.34757091	0.15949244	0.20676207	0.12670907
0.004	0.012	0.82360047	1.32397942	0.59988157	0.70214638	0.65407394
0	0.004	0.77430546	0.68610207	0.46671401	0.3436589	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02	0.025	2.45590892	2.53319375	2.7347227	2.84829967	2.27977513
0	0	0.61946655	0.60487757	0.71120889	0.63090919	0.34353942
0.107	0.09	2.32054956	2.59559475	2.34844948	2.55601263	2.76798951
0.004	0	0.19918859	0.23368982	0.13972075	0.24355052	1.00E-04
0.004	0.012	0.52376845	0.6466937	0.6851266	0.73572288	0.31060528
0	0	1.00E-04	1.00E-04	1.00E-04	0.0161242	1.00E-04
0.052	0.037	2.57058731	2.22652048	2.42041427	2.58230106	3.09987102
0.028	0.004	1.00E-04	0.01863716	0.00850638	0.00632493	1.00E-04
0.04	0.025	1.43541497	1.53736626	1.2039272	1.33194035	1.94776011
0.012	0.012	0.87037614	0.87981835	1.27027906	1.22114059	1.06726683
0	0	1.00E-04	1.00E-04	0.00363758	0.005812	1.00E-04
0.036	0.037	1.53180859	1.71809186	1.92144835	2.12537316	1.62058786
0	0	0.09688165	0.11111202	0.0766429	0.11994846	1.00E-04
0.452	0.439	4.68369543	4.9469846	4.24633438	4.45309544	4.81861932
0.087	0.029	4.70827914	4.65773625	4.41840927	4.54342494	4.57594639
0.004	0.008	1.13521259	1.52556145	0.9407125	1.05461858	0.94462154
0.012	0.012	1.9688815	2.04813661	1.83388046	2.07268662	2.05723094
0.004	0.016	0.71326169	0.29337534	0.24785805	0.39160344	0.59127318
0.004	0.008	0.19168675	0.50265872	0.38545937	0.52958443	0.65186487
0	0.004	0.1651974	0.2426809	0.29671497	0.22142552	0.45666451
0.004	0.004	0.04491806	0.20679222	0.08786422	0.10287553	0.03040705
0.107	0.078	2.98190342	3.70368155	2.96988999	3.07178001	3.05391014
0.306	0.18	5.20273718	5.78749	5.00124338	4.94723473	5.15038306
0.012	0	0.35986156	0.34917824	0.29538885	0.33290395	0.35124705
0	0.004	0.08045616	0.15201081	0.17993165	0.21645208	0.20486506
0.321	0.336	3.94419545	3.96161153	4.83277461	4.77319332	4.03923473
0.302	0.279	3.67870333	3.59217808	4.28780664	4.16192437	4.02953735
0.298	0.279	3.9057104	3.72923047	4.42701616	4.3717268	4.30848381

0	0	0.13064138	0.32530882	0.15912365	0.23984627	0.12212545
0.008	0.016	1.11089649	0.97012534	1.16778123	1.20191402	1.38108406
0.028	0.033	2.69148148	2.60775161	2.20825196	2.1230352	3.15408025
0	0	0.11017201	0.12239954	0.20621384	0.18152174	1.00E-04
0.218	0.164	1.6182992	1.75243495	1.19547554	1.43012787	4.21602005
0.325	0.27	4.22078532	4.39290379	3.89643005	4.0124477	4.29257055
0	0	1.00E-04	1.00E-04	0.00179253	0.01515307	1.00E-04
0.024	0.02	2.1930983	2.49565274	2.24263388	2.0438743	1.70214493
0	0	1.00E-04	1.00E-04	0.00151703	0.00948378	1.00E-04
0.452	0.475	4.83035062	4.80295556	4.43479007	4.63050913	5.16813247
0.012	0.004	1.16025651	0.808269	1.48698309	1.56034098	1.13254496
0.401	0.344	4.77477075	5.14338435	4.60608486	4.81706995	4.87247565
0.127	0.127	3.45589016	3.45231776	3.82665469	3.87176023	3.39308426
0.194	0.238	3.47746416	3.64390183	3.50537644	3.64593195	3.7148075
0	0	0.42080707	0.48659581	0.62060064	0.3565902	2.16709723
0.04	0.045	2.33968002	2.391803	2.51578043	2.64907513	2.60394555
0	0	0.21239912	0.19115648	0.12672358	0.13574348	0.22091153
0.079	0.041	5.05035947	5.19454683	5.37058888	5.2817379	5.21778934
0	0	1.00E-04	1.00E-04	1.00E-04	0.00349237	1.00E-04
0.083	0.061	2.64578564	2.56820467	2.38634067	2.64927047	2.71748586
0.639	0.566	5.8311863	6.03482471	5.37587489	5.51580288	5.66284965
0.147	0.197	4.52849521	4.58232827	4.13027345	4.31127401	4.42525563
0.028	0.066	1.4713589	1.39994565	1.25095022	1.55331123	1.55421566
0.004	0.008	0.40706734	0.27001191	0.37901865	0.4738974	0.47374343
0.012	0.025	1.523461	1.44197019	1.36222991	1.48791154	0.90246327
0	0	1.00E-04	0.00997219	0.00232122	0.02173627	1.00E-04
0	0	1.00E-04	0.01822454	0.00983707	0.01844109	1.00E-04
0.214	0.156	0.49774765	0.62115531	1.20419604	1.01941368	0.29690129
0	0	0.10069919	0.03502809	0.08041799	0.07798509	0.16907589
0	0	0.02277053	0.03846197	0.02095933	0.02383753	0.07424525
0	0	0.0497919	0.20833935	0.44949439	0.20026793	1.00E-04
0	0	1.00E-04	0.0051032	1.00E-04	0.00264757	1.00E-04
0.008	0	0.39953061	0.46103329	0.51935945	0.58901866	0.40828835
0	0	0.0260934	0.00385829	0.01744835	0.01686271	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.048	0.029	3.25891412	3.39761872	3.83107433	3.76247606	3.12186117
0.258	0.279	3.3049519	3.22381291	3.94012241	3.93566561	3.45759338
0	0	1.00E-04	0.02067768	0.00289012	0.00276736	1.00E-04
0	0	1.00E-04	0.01995224	1.00E-04	1.00E-04	1.00E-04
0.107	0.09	5.19449055	5.36667676	4.91262435	5.03180486	4.20961851
0.008	0	0.44779802	0.77168638	0.45722032	0.64203797	0.80396219
0.071	0.082	2.30594736	2.36619292	2.68062291	2.52921615	2.87769347
0.099	0.041	3.70325868	3.59862203	4.08779642	4.10997685	3.71071386

0.016	0.016	0.60754287	0.60318007	0.37439668	0.6006417	0.66018335
0.063	0.049	0.25038926	0.72282296	0.33398798	0.351747	1.093788
0	0	0.24425543	0.13737906	0.0651031	0.0971937	0.4645244
0	0	0.04671787	0.09173109	0.05622892	0.08149755	0.04927424
0	0.008	0.25004528	0.24896301	0.19887152	0.20535925	0.16979079
0.222	0.32	0.85632247	1.07353872	0.85807318	0.69865083	0.98773254
0	0.004	0.14035073	0.2090753	0.1793512	0.2201682	0.34786024
0.052	0.037	0.57045838	0.50717057	0.30882109	0.29369734	0.62187905
0.004	0.012	0.24707244	0.26438938	0.33889318	0.25192123	0.38584231
0.405	0.34	4.36271487	4.65192365	4.20678944	4.34971885	4.49971776
0.135	0.082	3.996391	4.26536417	3.56054071	3.80318495	4.20813023
0	0	0.07669022	0.0281263	0.05977099	0.06309138	0.12375015
0	0	1.00E-04	0.22748486	0.14366578	0.11570937	0.49259028
0	0	1.00E-04	0.00381163	0.00758959	0.02094633	1.00E-04
0.46	0.418	4.44003214	4.59804788	4.25383108	4.31728527	4.59942793
0	0.008	0.79360208	0.67405886	0.40799571	0.44010298	0.9998745
0.52	0.467	5.26009562	5.3618018	4.9376863	5.08852077	5.40679704
0.024	0.016	2.07868851	1.90320791	2.7443153	2.55679888	2.35041042
0.087	0.115	6.23223167	6.44181171	5.86526473	5.8478428	5.92387993
0.067	0.139	3.29305869	3.63830847	3.06324701	3.2040309	3.88606366
0.004	0.004	0.31782627	0.26892997	0.15725643	0.21390083	0.11033895
0	0	0.0375823	1.00E-04	0.0015139	0.01524848	1.00E-04
0	0	1.00E-04	0.02738543	1.00E-04	0.02954118	1.00E-04
0	0	1.00E-04	0.00420835	1.00E-04	1.00E-04	1.00E-04
0.099	0.102	2.38952054	2.4091348	2.39514856	2.64890888	2.39717864
0.032	0.033	1.18323891	1.71420887	1.99995549	1.27099547	0.61959122
0.131	0.098	1.14272467	1.37780655	1.39726394	1.69585945	1.4848225
0.012	0.004	3.48483769	3.79653357	2.9669371	3.19801907	3.57282108
0	0.008	0.23114798	0.37748084	0.28530928	0.25731015	0.1349101
0.087	0.078	2.72689087	2.56147126	2.91149532	2.87874462	2.75536371
0.008	0.008	1.54095714	1.69468629	2.18635319	2.2318155	1.66423012
0.083	0.078	2.79639437	2.87011929	3.1764947	3.21321481	2.76612188
0.119	0.197	3.04356216	3.23025176	2.85682393	2.86730174	3.91644493
0.052	0.09	1.81381062	1.89360743	2.28926308	2.35863051	2.08419731
0.183	0.168	2.61570745	2.67656127	2.98621592	3.02728008	2.85281602
0	0	1.00E-04	0.01141615	0.01104585	0.00974714	1.00E-04
0	0	0.33049078	0.2847226	0.21469988	0.29537918	0.30169944
0.365	0.365	4.53033215	4.42095148	4.25113875	4.20330043	4.54390725
0	0.004	0.14054655	0.10671483	0.06432892	0.13658882	1.14854938
0.155	0.234	0.78893115	0.99539094	0.56428964	0.71598243	0.60804321
0	0	0.5749844	0.57853365	0.32792904	0.57905591	0.65677341
0.004	0.016	1.01416596	1.12646898	1.0951013	1.27770624	1.64338011
0.016	0.029	1.43654386	1.8063611	1.43889216	1.54897862	1.55413857

0.159	0.164	3.34722444	3.47780988	3.33570672	3.39452574	3.51350307
0.27	0.254	4.11178042	4.92097808	3.94034198	4.14996242	4.50057992
0.016	0.008	4.04295415	4.14384582	3.10485972	3.44176729	1.22982805
0.222	0.189	3.42222362	3.58252044	3.68115371	3.77238656	3.83602909
0	0	1.00E-04	0.0069995	0.02988348	0.03534977	1.00E-04
0.099	0.102	3.81674205	3.60107116	4.05670026	3.980759	3.68567079
0	0	0.04906476	0.07903918	0.11886909	0.15531802	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00933082	1.00E-04
0.246	0.258	2.03350716	1.94570474	2.14564804	2.11041238	2.97760183
0.115	0.111	3.3487165	3.64124401	3.92856668	3.92312073	3.71229429
0.5	0.48	5.26613514	5.36164787	5.67742083	5.56489776	5.16772671
0.111	0.094	2.6669579	2.89507629	3.29201399	3.35713952	3.11238918
0	0	1.00E-04	1.00E-04	0.00247795	1.00E-04	1.00E-04
0.234	0.225	3.95178695	4.10166559	3.4307461	3.63065831	4.12195277
0.008	0.012	2.01052349	2.39948062	2.03331057	2.10184587	2.85691834
0.119	0.119	3.2362855	3.19365853	2.7369473	3.01832461	3.43628213
0	0	0.19098851	0.27739049	0.33875409	0.37762856	0.22749159
0.02	0.016	1.06906011	1.41935149	0.98582402	1.17316746	0.90746564
0	0	0.35585845	0.5237048	0.23717288	0.28458292	0.12139948
0.032	0.037	1.97663612	1.84757416	2.08827704	2.24222343	1.46526569
0.012	0.012	2.54298852	2.70406722	2.50064951	2.51067387	3.1358719
0.46	0.418	3.56257769	3.62009378	3.42898263	3.52511172	3.89185575
0.448	0.352	4.25337625	4.30471005	3.99796013	4.14920442	4.44120503
0.187	0.164	3.38438213	3.34829211	3.69613887	3.67860355	3.52954255
0.024	0.029	2.13920332	1.98890739	2.18631514	2.19612284	2.37206777
0.107	0.078	3.0350536	3.12546547	3.26419442	3.22251418	3.19686979
0.02	0.012	2.00381543	1.99005544	1.80539765	1.74690889	3.78482478
0.19	0.135	4.92075419	6.0408665	4.58725705	4.76763456	5.4359272
0.052	0.053	1.65569729	1.64242923	1.46575776	1.52111439	3.06073248
0.69	0.648	5.49204808	5.90081757	6.19625524	6.02273763	6.13039119
0.365	0.406	4.45846986	4.64296818	5.31489241	5.01401304	4.81663291
0.004	0.016	0.77525854	1.01792189	0.72552064	0.92610888	0.70879842
0.123	0.152	2.76821443	2.885245	3.53073474	3.49993511	2.70075683
0	0	1.00E-04	0.09982286	0.00413217	1.00E-04	1.00E-04
0.504	0.537	5.00773339	4.94361032	5.83244432	5.73790501	5.24085802
0.306	0.307	3.45417091	3.55686004	4.03897288	3.99633688	3.7595806
0.286	0.18	3.45164899	3.53969934	3.63738498	3.74648196	3.59268804
0.123	0.098	2.98588718	2.9922051	3.05205695	3.12670253	3.08566462
0.175	0.193	3.83033454	3.76732338	3.99588137	4.00030037	3.89663844
0.214	0.205	3.80083433	3.62797884	4.25457218	4.25590964	3.97444755
0.393	0.463	3.91460375	4.03389175	3.82299446	3.85568772	3.92936089
0.611	0.549	4.59358399	4.90898869	4.50717639	4.61465583	4.4307705
0	0	0.06616674	0.04529151	0.07795203	0.04435568	0.04406128

0.202	0.16	3.21741509	3.15166168	3.40762095	3.37051744	3.60982649
0.091	0.107	2.23576247	2.36235142	2.74952846	2.80715865	2.68381409
0	0	0.13464902	0.06617751	0.03997494	0.03360766	1.00E-04
0	0	1.36798398	1.52684488	1.24632581	1.53539345	0.2337293
0.075	0.061	2.6311908	2.78117928	2.86801724	2.9773847	2.74915816
0.052	0.025	2.04295653	2.08345195	2.12875996	2.21142761	2.20988512
0.405	0.41	4.68912096	4.75190222	4.9383197	4.89301774	4.98632519
0.698	0.648	5.5111667	5.41245109	5.51626835	5.37999103	5.78947206
0	0	0.15146853	0.24672648	0.16455096	0.15661962	0.09131504
0	0	0.05045695	0.03316148	0.04018941	0.05953733	1.00E-04
0	0	0.15131918	0.16795381	0.1119613	0.1656427	0.180989
0.147	0.102	3.01150448	2.84994337	3.17135943	3.13713381	3.27353485
0.29	0.25	3.62986181	3.42594122	3.59709506	3.72176247	3.75110844
0.512	0.447	4.34215737	4.24077782	4.43369208	4.47438936	4.42866027
0.655	0.693	4.68178489	4.71850341	4.87429566	4.91583319	4.90368382
0.028	0.041	0.63886227	0.62444762	0.70814242	0.74750169	1.04130578
0.349	0.381	3.90467677	3.80450602	4.40922811	4.48717552	4.39594896
0.516	0.451	4.20870506	4.10492648	4.67835339	4.59202808	4.66779608
0.472	0.418	4.74673613	4.84146866	4.67229528	4.76833838	4.79799386
0.694	0.664	4.85302803	4.6902749	5.3321254	5.13953802	5.27670234
0.242	0.176	3.66062048	3.52730135	3.86130782	3.87297468	3.99508488
0.631	0.623	4.55344327	4.40937033	5.012034	4.93310339	4.97374311
0.107	0.102	2.41957034	2.35938398	2.63788799	2.78193519	2.69595712
0.258	0.328	4.15200563	4.25857916	4.85683394	4.93082163	4.56491553
0.016	0.016	1.88975686	1.98891343	2.20985657	2.23468756	2.0552669
0	0	0.02240927	0.0209055	0.02404199	0.01587999	1.00E-04
0.298	0.357	3.89796635	3.98905292	3.50324661	3.71877396	3.92089862
0.099	0.102	3.53657099	3.3499972	3.15087148	3.4027386	3.62045401
0.222	0.283	2.98855027	3.08192772	3.88291029	3.75172221	3.2786251
0.468	0.516	4.35867723	4.31907999	4.92718449	4.85043765	4.63242068
0.234	0.18	3.52851414	3.36101582	4.14996472	4.03414167	3.77779864
0.536	0.525	4.51462784	4.78486734	4.0781415	4.11896547	4.88272324
0.353	0.316	2.822969	2.92167291	2.55626549	2.5393907	3.73357429
0.333	0.303	2.99001667	3.08329165	3.42674231	3.49939929	3.47099965
0	0	0.26177887	0.41127854	0.40499434	0.55198671	0.25705116
0	0.008	0.10070962	0.23245849	0.52744883	0.34895989	0.46025137
0.198	0.234	3.58216161	3.63949983	3.27145944	3.39395098	4.30797562
0.806	0.754	6.1094048	6.46160135	5.66628051	5.85160195	6.0507872
0.036	0.037	3.22987392	3.27153004	3.56477728	3.69085522	3.2407845
0	0	0.20567825	0.13983307	0.04042729	0.04643646	0.62012893
0.079	0.078	2.1432016	2.05636398	2.97833584	3.04401064	2.44522693
0.028	0.004	2.90031613	2.95095798	3.35114926	3.34358634	3.17908717
0	0	0.06326345	0.09759677	0.06564322	0.10570865	0.18803179

0.274	0.279	4.23472471	4.30516001	4.56613749	4.60731632	4.45998582
0.417	0.418	4.06445639	3.90768165	4.88617751	4.72885947	4.34552371
0.206	0.225	3.84955826	3.73100759	4.41300562	4.38378901	4.14785486
0.472	0.529	4.35964587	4.41743062	5.31492484	5.16997729	4.67541536
0.083	0.066	2.5303097	2.39838967	2.78140695	2.80369023	2.57723935
0.004	0	0.03716469	0.07842007	0.06556737	0.11817706	0.11761613
0	0	1.00E-04	1.00E-04	1.00E-04	0.00146763	1.00E-04
0	0	0.01892891	0.00935748	0.00270315	0.01435757	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.306	0.307	3.71637604	3.702417	4.18611224	4.17898955	3.90133624
0	0	0.02772905	0.03682473	0.13998178	0.16776661	0.04784254
0.02	0.033	1.20208364	1.27252265	1.08387661	1.12585722	1.3364937
0	0	1.00E-04	0.01026133	0.0024986	0.01499556	1.00E-04
0.361	0.348	4.39814164	4.18447414	4.74302922	4.6263694	4.5005974
0.079	0.061	3.08999368	3.38550843	3.17213766	3.16404675	2.59241142
0	0	0.05492522	0.04428931	0.01681328	0.01548002	0.50557475
0.492	0.549	4.75965992	4.68609481	4.57545489	4.57676565	4.92205483
0.103	0.139	3.58217245	3.62247839	3.54100005	3.62492509	3.39758839
0.25	0.316	4.25090206	4.51604619	3.91637987	4.11049439	4.31410193
0.032	0.033	2.5415118	2.96044686	2.43773029	2.44345665	2.57496394
0.075	0.037	2.69061013	3.04384028	2.845889	2.92101211	3.53265008
0.052	0.045	4.34173581	4.5528039	4.48198264	4.45010367	4.12522573
0.008	0.016	3.76218068	3.82153784	3.76230542	4.20686653	2.22320305
0.46	0.5	5.20382724	5.37873413	4.83407805	4.98417131	4.8889749
0	0	1.00E-04	0.00558753	1.00E-04	0.00139684	1.00E-04
0.004	0	0.46737469	0.38456067	0.55897869	0.62389818	0.58020318
0.02	0.016	1.63256034	1.44723801	1.7800411	1.93839267	1.38727764
0.024	0.041	4.25286065	4.14264643	3.82279534	4.26708528	2.47778433
0.103	0.107	2.691258	2.7799126	3.33633295	3.28770521	2.61371937
0.06	0.094	0.06045305	0.11130456	0.09032846	0.18882014	0.03664394
0.131	0.123	3.49701905	3.43252268	3.5658333	3.66811671	3.03063929
0.127	0.135	4.0904766	4.5919624	3.86532261	4.04831126	4.29689084
0.27	0.193	4.36338448	4.50036136	3.98013937	4.1967779	4.38894646
0.04	0.02	0.3033269	0.27916894	0.14183228	0.21822456	1.49522115
0	0	0.01918501	1.00E-04	0.01186484	0.00698477	1.00E-04
0.671	0.582	1.45917857	1.8416154	1.37264328	1.54105317	3.98209
0	0	0.04564927	0.04676595	0.04762058	0.05379392	1.00E-04
0.012	0.008	1.78350342	1.12236885	0.64479386	0.73741608	0.91249488
0.004	0.008	0.37232512	0.60476218	0.37977738	0.39815604	1.49973473
0.02	0.004	0.31439363	0.33009059	0.28817736	0.32656393	0.33954738
0.036	0.033	4.76276315	4.52292323	4.02780498	4.3323159	2.50934743
0	0	0.10324657	0.09723416	0.07558459	0.08267041	0.06224252
0.111	0.025	4.55941651	4.39120344	5.10897485	5.02721743	4.6954407

0.829	0.816	5.5156932	5.63062604	5.20486374	5.27232241	5.84514005
0.56	0.541	4.91307408	4.91882507	4.81090861	4.85243582	4.95926561
0.012	0.008	0.2748976	0.26721012	0.2572491	0.31047159	0.20757572
0.119	0.152	3.69589019	3.68510278	3.43705931	3.60039818	3.49663572
0.214	0.152	4.19951286	4.24672967	3.8675876	4.12010951	4.2235462
0.091	0.061	3.30646227	3.30139596	3.48443801	3.51569273	3.31901111
0.115	0.094	0.6537402	0.60183386	0.69355624	0.91378133	1.88699883
0.151	0.209	3.28163484	4.2999714	3.61764843	3.79571359	3.29242862
0.004	0.012	0.77985376	1.1075883	0.71644154	0.81306301	0.7945301
0	0	0.08672951	0.09258931	0.19885734	0.18071862	0.10973551
0.016	0.02	1.54923073	1.504625	1.63798566	1.60772568	1.42477486
0.04	0.025	3.81780898	3.66345723	3.57765088	3.71217647	4.48272002
0.127	0.098	2.83788163	2.85767238	2.87203317	2.94490282	3.09909164
0.266	0.238	2.61302091	2.76177666	2.75132779	2.80122202	2.88199396
0.139	0.107	1.96040117	2.37167697	1.81247117	1.85027741	1.69418229
0.012	0.02	1.25644962	1.17239596	1.44038834	1.61720222	1.54212635
0.004	0.004	0.03794974	0.12070599	0.05360963	0.13215794	1.00E-04
0.135	0.119	3.38911252	3.34649677	3.49506469	3.56213209	3.62596521
0.012	0.004	1.7206135	1.6532776	1.58582604	1.68645469	2.27074789
0.063	0.102	4.60339012	4.41464826	4.26739449	4.49837762	4.13054573
0.198	0.168	4.16557287	5.24613395	4.20391512	4.4618335	4.51843711
0.131	0.086	3.02446854	3.82634463	2.79249701	3.02186028	3.55453557
0.492	0.471	4.8234862	5.10412862	4.65382336	4.9101308	5.0630158
0.619	0.553	1.37320576	1.19424735	1.03053437	0.84837383	1.69966085
0.115	0.107	3.47271005	3.65589647	3.50622686	3.74198509	3.62516007
0.345	0.365	3.63794199	3.95656627	3.57973222	3.78058999	3.90743733
0.123	0.107	3.85502818	3.85324572	3.79200779	3.82690736	3.83117581
0.456	0.34	4.81486772	4.93932989	4.82499752	4.8671201	4.87140438
0.472	0.496	5.46488058	5.75147565	5.1708641	5.3830839	5.27145378
0	0	1.67439174	1.29966779	2.02284022	1.74176226	1.05771385
0	0	1.00E-04	1.00E-04	1.00E-04	0.01891167	1.00E-04
0.004	0	1.00E-04	0.03219046	0.05198965	0.07427651	1.00E-04
0	0.004	0.55298515	0.54851653	0.5574085	0.23306465	1.53186162
0	0	0.49160527	0.30221354	0.21008042	0.1367404	1.10071675
0.004	0	1.47232495	0.88789242	1.00533751	1.01675113	1.69525259
0.004	0	0.01165738	0.05727085	0.04513765	0.12807511	1.31514163
0	0	1.00E-04	0.01818833	0.01084133	0.00305292	0.08676842
0.087	0.037	2.00306563	2.18930287	1.82223118	2.19493809	2.71031197
0.476	0.52	4.06051156	4.26213415	3.75677535	3.89366664	4.22409551
0.496	0.455	4.88733528	5.18483386	4.48550093	4.533905	4.80920326
0.075	0.078	4.08808767	4.31459384	3.75860954	4.06561672	3.91620229
0.286	0.262	4.1645067	3.89238585	4.43143315	4.1153227	4.42129705
0.698	0.615	5.53060905	5.66957977	5.35462225	5.42059387	5.69695555

0.099	0.107	2.98593621	3.08061906	2.99160429	3.03243975	3.29545287
0.06	0.045	2.66401327	2.62441013	2.69792617	2.89029556	2.7512548
0.087	0.094	2.16536078	2.22397661	2.91555033	2.94687728	2.34315116
0.841	0.799	4.53061394	4.61645235	4.51888049	4.6798717	4.71785932
0.909	0.91	5.86665522	5.91042455	6.09841669	6.05579674	5.9895381
0.56	0.471	5.72566138	5.69689968	5.61695247	5.62659623	5.60078308
0.103	0.098	2.96342592	2.95700456	3.27421905	3.27851514	3.07380494
0.194	0.242	1.58378571	1.46594306	1.71989003	1.83348466	2.54015905
0.159	0.139	4.73538273	5.10724628	4.3960889	4.54824409	4.88449104
0.008	0.004	0.35118111	0.49986606	0.37324252	0.34733404	0.33870568
0	0	0.06668871	0.11301054	0.04387268	0.06346127	1.00E-04
0.004	0	0.74986724	0.75415689	0.7288614	0.71681498	0.19112476
0.02	0.033	0.97456315	0.91432178	0.65134712	0.66748293	1.3801603
0	0	3.20432076	2.94912052	1.44876587	1.87752847	0.5820474
0.044	0.09	2.45597662	2.32487014	1.99587008	2.27314592	2.34183203
0	0.004	0.41325675	0.54039442	0.43352012	0.52266024	0.15520424
0.266	0.266	3.48514307	3.4668221	3.19860574	3.43073664	3.6530173
0.111	0.09	3.44952208	3.62977869	3.28005846	3.30751154	4.47144214
0.595	0.553	1.3305216	1.46540005	1.0931016	1.10887478	2.00758372
0.778	0.807	4.61056018	4.78345328	4.62974473	4.74391324	5.06639409
0.214	0.258	3.90097462	4.17839778	3.89622441	4.1598583	4.31354875
0.008	0.029	0.83020094	0.56977584	0.55471368	0.63000931	0.83585497
0.075	0.078	1.18497122	1.37742471	2.1296556	2.00445048	1.5442182
0	0	0.05219862	0.0891775	0.01341143	0.04913907	1.00E-04
0.19	0.254	1.90637767	2.03900279	2.00914765	2.40057188	2.24722248
0	0	0.06709777	0.08928304	0.06763713	0.02653535	0.14058053
0.012	0.004	3.44401391	3.11358283	3.81940323	3.5877778	3.51005716
0.183	0.266	3.03014016	2.95314038	3.24641621	3.36562067	3.11280528
0.083	0.033	4.33641308	4.27713422	4.35098107	4.31752035	3.9452371
0	0.02	0.40307091	0.82110265	0.45511054	0.54300941	0.35201896
0.143	0.143	3.06821403	3.05979566	3.85830794	3.84720306	3.21132657
0	0	0.05065231	0.02591494	0.03946364	0.0196146	1.00E-04
0.02	0.016	1.49299869	1.45734799	1.02955304	1.16943115	1.00890305
0.016	0.012	0.8588658	2.25092404	0.97898597	0.68902475	1.27680194
0.004	0.004	1.24197552	1.18601912	0.94917044	1.06024003	0.50808045
0.004	0.012	0.6397853	0.87812282	0.61612959	0.73848925	0.47662666
0.008	0	1.92136894	2.08247117	2.28512415	2.2923643	1.83436735
0.004	0.004	0.43506817	0.55207508	0.41664905	0.47324701	0.80255606
0.056	0.029	2.87019329	2.9860921	2.41151542	3.03498865	2.88208527
0	0	0.04960607	0.02019921	0.01059388	0.0149082	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.063	0.033	3.17662386	3.38844521	2.9706827	3.26138803	3.13295896
0.016	0.012	1.89307455	1.84983401	1.8790257	1.96013486	1.45816664

0.198	0.225	3.58660347	3.54909185	3.90846918	3.96426194	3.75512502
0.27	0.262	2.84473975	3.07312905	2.87059242	2.82596303	2.72112717
0.012	0.012	0.41977605	0.49924662	0.3842502	0.42013517	0.94326308
0	0.004	0.03370033	0.03320263	0.02434508	0.04788183	1.00E-04
0.091	0.09	2.69771816	2.81945232	2.50448601	2.72354505	2.76996191
0.004	0	1.25699393	1.67489575	1.02008087	0.80043137	0.61639261
0.357	0.34	4.52492078	4.68945883	4.24977666	4.43689734	4.50675317
0.393	0.41	4.68917797	4.92986951	4.30351482	4.48053979	4.86335935
0.079	0.057	2.68886315	2.77404046	2.73164688	2.82889179	3.10812143
0.048	0.033	3.12542291	3.22804944	2.92419975	3.30673458	2.72934295
0.103	0.123	2.59862754	2.55787962	2.85151674	3.01048154	2.60868454
0.405	0.365	4.66500588	4.76628481	4.34444277	4.41067894	4.79367416
0.218	0.16	3.4295103	3.529608	4.18224434	4.07064516	3.53141439
0.008	0.008	0.19403194	0.28271207	0.2857826	0.2793602	0.39368627
0.044	0.029	1.52608802	1.55960274	2.15302841	2.09314269	1.89408833
0.083	0.094	4.35330664	4.72698191	4.78048336	4.40485972	4.54250117
0.194	0.217	5.02948675	5.00694762	4.94976521	5.11988799	4.87383337
0.306	0.283	4.25087003	4.31404505	4.15607151	4.30635569	4.29439252
0.349	0.357	3.51271652	4.01925375	3.47047095	3.63201626	3.70971167
0.202	0.189	3.5644416	3.71766433	3.37171433	3.52719364	3.84631387
0.008	0.037	0.74644916	0.66089097	0.59007787	0.88556401	0.76821739
0.028	0.025	0.98566958	1.30702469	0.8388896	0.99840514	0.82797959
0	0.004	0.20269301	0.30621369	0.20990219	0.25081522	0.45237248
0.052	0.049	2.83513999	2.88751255	3.03650319	3.03242047	2.71559829
0.345	0.34	4.52211004	4.6717929	4.59292075	4.74033999	4.40644233
0.131	0.131	2.86774464	3.05238415	3.27320527	3.3225423	3.0882649
0.111	0.131	3.21547138	3.36290103	3.1875423	3.37721021	3.16187284
0.075	0.078	4.11952327	4.11494392	3.92824374	4.25674025	4.11902563
0.167	0.168	4.50412791	4.43915996	4.41971198	4.53713789	4.60204155
0.413	0.389	5.05013888	5.2896888	5.00638132	5.11809584	5.10585454
0.012	0.012	2.08111235	1.91608893	2.01069876	2.06227393	1.26044443
0.115	0.09	4.32794477	4.17614417	4.54297618	4.52306557	4.22218923
0.274	0.234	4.19880507	4.18427182	3.95757204	4.13241708	4.16013974
0.202	0.193	2.89356858	3.03836112	2.54604693	2.74159661	3.06537838
0.544	0.5	4.5713855	4.72613615	4.21569767	4.34567789	4.93457056
0.004	0	0.45489767	0.66143951	0.48316052	0.48774751	0.32426758
0.008	0.012	0.15880189	0.45287715	0.16235742	0.26659777	1.86948566
0.123	0.152	0.12139182	0.34418818	0.22850209	0.24655565	0.26884057
0.119	0.102	3.2199241	3.63748871	3.24786663	3.4101159	3.20453014
0.016	0.012	1.36818766	1.64408954	1.5168039	1.62146262	1.42317283
0.516	0.52	4.35432292	4.46204534	4.97778703	5.00784491	4.77278171
0.159	0.176	3.31603383	3.44946283	3.42441308	3.49132686	3.35774466
0.23	0.266	3.81082239	3.85819543	4.4637073	4.39320968	4.18424744

0.345	0.328	4.86586121	4.94033595	4.53440721	4.68316274	4.81769697
0.048	0.02	3.52548154	3.50119907	4.17116386	4.28109769	3.98249382
0.381	0.348	4.64470209	4.7345282	4.0451937	4.36445479	4.88543507
0.242	0.184	3.34667473	3.30202378	3.54664906	3.54850071	3.55650339
0.155	0.168	3.76592711	3.69796915	3.44561026	3.67542922	3.72579458
0.012	0.037	0.81035919	1.0775522	0.73554265	0.84480944	0.97953375
0.075	0.082	2.4642293	2.75674965	2.49619184	2.66065502	2.73123611
0.147	0.143	3.37575204	3.30467342	3.12744657	3.34402904	3.46209367
0.377	0.303	3.65940839	3.60037429	3.96044447	3.85646485	3.81000517
0	0	0.12965415	0.17073881	0.05074304	0.12541758	0.2910377
0.063	0.086	2.35833858	2.30821409	2.15210156	2.4404116	4.91575867
0.032	0.033	1.58995508	1.66415833	1.61275553	1.73490001	1.60631928
0	0	0.17397978	0.02689377	0.01081197	0.05608573	1.00E-04
0	0.004	1.00E-04	0.11403391	0.05004785	0.08972989	1.00E-04
0	0	1.00E-04	0.003211	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.09196328	0.13236239	0.08141295	0.07057236	1.00E-04
0	0	0.21768292	0.23582713	0.27225522	0.2667784	0.17038336
0.004	0	0.14192256	0.34443621	0.35397423	0.25469011	0.07716704
0.179	0.16	4.54708118	4.72307536	4.50539027	4.54730779	4.59497674
0.02	0.041	2.72869831	2.6126045	3.03626791	3.08151033	2.60027281
0.135	0.152	3.33479616	3.25270626	3.46149586	3.64332218	3.50332571
0.397	0.365	4.23967579	4.30062473	5.10199182	5.0371377	4.60716804
0.087	0.086	3.15043987	3.2976079	3.6886794	3.70706758	3.35387277
0.044	0.049	1.71627343	2.09600014	1.83792724	1.88228833	2.53229264
0.313	0.336	3.60376508	3.7911095	3.64669766	3.79677707	3.73446921
0.004	0	0.17897735	0.11790076	0.29331765	0.34512044	0.16315362
0.008	0	0.33407603	0.11663328	0.12136478	0.14671686	0.24359861
0	0	0.66526328	0.47138325	0.58379126	0.73702176	0.83604543
0.302	0.307	3.95373394	3.78981234	4.09576143	4.13968336	4.09934985
0.25	0.254	3.673019	3.77645308	3.56534001	3.68334783	3.84935635
0.583	0.512	4.9680412	5.25030756	4.50562646	4.72313996	4.92125902
0.147	0.164	3.22400597	3.44353828	3.99253349	3.8994929	3.54935279
0.214	0.189	3.56904198	3.60136651	3.72471432	3.71515526	3.84771374
0.115	0.107	3.39156398	3.47414656	3.26603841	3.41829228	3.55523557
0.036	0.041	1.77786707	1.97022432	2.05568346	2.20201815	1.89293687
0.079	0.061	2.49955485	2.81702944	2.31057247	2.58647127	2.58193152
0.091	0.074	2.23974659	2.26582729	2.86256229	2.72087883	2.48733635
0.167	0.201	3.31695647	3.44420301	3.82017949	3.79006962	3.41478658
0.024	0.049	1.74949629	1.57967619	1.81146129	1.79021053	1.93556387
0.171	0.094	2.54227039	2.95734705	2.89397807	2.90586462	3.18573075
0	0.004	0.10065166	0.05534033	0.02328658	0.01860255	1.00E-04
0.095	0.102	1.0372002	1.32201063	1.5680548	1.42812864	2.27468393
0.079	0.078	0.35138678	0.51975929	0.60749267	0.56689339	2.12718143

0	0.004	0.21745913	0.11563235	0.1217873	0.25661842	0.13652189
0.325	0.357	4.60535556	4.83962644	4.32197448	4.56112303	5.2273918
0.012	0.02	0.53766174	0.54586926	0.53825688	0.51822723	0.6454761
0.028	0.029	1.28979043	1.36433468	1.20303147	1.3436691	1.29024527
0.357	0.352	3.9498095	4.11427542	3.82118136	3.95634531	4.04636535
0.016	0.008	0.03978594	0.06252299	0.11880333	0.11794181	1.00E-04
0	0	0.07444972	0.07021713	0.02746404	0.03030017	0.05377483
0	0.012	0.38593315	0.5323112	0.47942637	0.47634476	0.52439033
0.115	0.135	3.06032092	3.31419754	3.84629	3.80483529	3.56946381
0	0	0.11628684	0.21673715	0.06237005	0.10592219	0.10814561
0.095	0.098	2.96370503	2.72046427	3.49410035	3.61668205	2.56566955
0	0	0.05190987	0.13864441	0.09476795	0.0855642	0.348618
0.036	0.053	0.1409972	0.11784487	0.1121059	0.11871193	0.35286451
0.107	0.037	4.04946732	4.08608973	4.0307908	4.02585999	4.73592504
0.028	0.057	1.55545373	1.59929894	2.27879804	2.27247438	1.72499608
0.008	0.008	0.8660084	0.71474887	1.09604589	1.09953368	0.97018227
0.258	0.246	3.7781209	3.93246614	3.47268967	3.48786689	3.90788978
0.167	0.164	4.00658068	3.91818966	3.90068444	4.02706566	4.31276948
0.02	0.02	0.88849162	0.49938086	0.26169526	0.34156004	0.06363567
0	0.008	0.15153495	0.05791774	0.05000575	0.09794156	0.3070415
0.024	0.016	2.11506454	2.17506487	2.76488717	2.64014055	2.10581621
0.008	0.016	0.70146854	0.68832171	0.70414542	0.96266001	0.82830908
0	0	0.62691064	1.04371741	1.13855745	1.03928187	0.8501569
0	0	1.00E-04	0.04623524	0.0421654	0.02287657	1.00E-04
0.044	0.02	1.03012224	1.13061339	0.67924589	0.68843636	0.98087244
0	0	0.05612408	0.1042385	0.06199405	0.08441748	0.30773629
0.012	0	1.4535712	1.86035344	1.24902356	1.42826933	1.35974246
0	0	1.00E-04	0.00596766	0.00495728	0.00271	1.00E-04
0.012	0.012	3.61961226	3.06375042	3.03885164	3.43728102	2.07808574
0.274	0.262	3.79565006	3.67770471	4.18881712	4.10266653	4.00650904
0.258	0.279	4.9728282	5.16147605	4.89680198	5.03838937	5.47408867
0.147	0.131	2.76287522	2.87360194	2.69811037	2.86086511	2.97158436
0.004	0.004	0.09780306	0.16488971	0.08900488	0.12891323	0.33435433
0.075	0.098	0.86944337	0.78273704	0.95609977	0.90127027	0.88056526
0.032	0.07	1.79700825	2.22254017	1.72319781	2.07697992	1.83872626
0.044	0.037	0.93857179	0.90813851	1.14077944	1.24607413	1.25384861
0.274	0.23	4.26316812	4.22256895	4.18270497	4.30562317	4.48533976
0.012	0.008	3.31417741	3.9171625	3.68088758	3.59275466	1.67829504
0	0	1.00E-04	0.03059273	1.00E-04	0.00472747	1.00E-04
0.567	0.463	3.00971123	3.21312411	2.90242264	3.16691524	3.13889394
0.484	0.426	1.47566505	2.12135906	1.20760718	1.32449837	2.19227157
0.23	0.242	2.2903411	2.36823908	1.9890582	2.21400122	3.3437302
0	0	1.00E-04	0.03187171	0.01709994	0.06484731	1.00E-04

0.024	0.004	1.71437068	1.8249156	1.36444231	1.50616208	1.34577616
0.008	0.004	1.333212	1.57020051	2.3477411	2.33231148	0.93240461
0.163	0.111	4.11375962	4.23349404	4.8411706	4.67825622	4.59691708
0.004	0	0.09485483	0.05699109	0.0370681	0.04268048	1.00E-04
0.028	0.029	0.72581477	0.61668208	0.92972283	1.10277988	1.29617581
0.179	0.176	3.84007492	4.11682979	3.59955543	3.84813471	4.19898036
0.024	0.008	4.04001006	3.90510772	3.31446867	3.5829919	3.55923904
0.286	0.238	3.314651	3.48299978	3.23576163	3.57293105	3.36485681
0	0	0.06294135	0.08461265	0.02910266	0.03565175	0.12543909
0	0	0.10163522	0.08704637	0.08081028	0.10830322	1.02323626
0.063	0.012	0.16189554	0.72769753	0.16508724	0.28142622	0.23817284
0	0	1.00E-04	0.10339996	0.01358377	0.08746585	0.11674273
0	0	0.69194206	1.00929983	0.34089154	0.47143888	0.05400133
0.472	0.447	3.75942388	3.94482635	3.65670182	3.81965201	3.8576102
0	0	0.6671196	0.69416873	0.71404909	0.79698174	0.5500136
0.151	0.189	2.4728008	2.60396484	2.80926067	2.78975676	2.50767529
0.004	0	0.09167191	0.26442135	0.12709699	0.20041426	0.10543577
0.099	0.049	2.77574198	2.92712572	3.29097952	3.31206183	2.69213651
0.008	0.008	0.70833788	0.52736346	0.50773318	0.49035944	0.41602114
0.004	0	1.00E-04	0.05207431	0.0245863	0.03444364	1.00E-04
0.063	0.016	1.69872736	1.85023703	1.83530235	1.96816189	1.79628883
0	0	0.01873573	0.07442336	0.07121905	0.10969613	0.22269994
0	0	1.00E-04	0.01266798	0.0069621	0.02020334	1.00E-04
0	0	0.06050061	0.16153827	0.0978369	0.11570328	1.00E-04
0	0	0.50100945	0.22414601	0.34190079	0.64726117	0.3949922
0	0	0.18908959	0.29232925	0.09157188	0.20138395	0.16587501
0	0	1.12265713	0.82734614	0.73951971	0.85595428	0.12701414
0.016	0	0.3521336	0.77057975	0.57062282	0.55574723	0.5331624
0	0	0.05176534	0.08307842	0.04568753	0.04506176	0.06964739
0	0	0.22309301	1.00E-04	0.02567551	0.03163389	1.00E-04
0	0	0.01712257	0.03101159	0.05352148	0.18271944	0.18618543
0	0	0.03256403	0.03004978	0.00350751	0.00672075	1.00E-04
0	0	0.01020934	0.02967141	0.01941837	0.04176354	0.19946415
0	0	1.00E-04	0.07785361	0.00868564	0.01594111	1.00E-04
0.004	0.004	0.11532812	0.20767318	0.20532604	0.2863565	0.13693539
0.115	0.107	1.7228694	1.58686304	2.1340955	2.02832208	1.78851598
0.266	0.189	1.44123627	1.90969184	1.30118777	1.40347113	1.63551795
0.556	0.422	4.32973631	4.44203273	4.15895282	4.35251101	4.36248513
0.012	0.004	3.66515476	3.67932547	3.20903887	3.33246072	1.82100851
0	0	0.02727836	0.01669592	0.01458114	0.02344213	0.25417264
0.024	0.057	2.04525507	2.35826382	2.50504238	2.49132539	2.18249629
0.187	0.156	3.87584067	4.14729837	3.93346169	3.95105319	4.0641121
0.119	0.094	3.230411	3.39346233	3.00744933	3.21091109	3.39397241

0	0	1.00E-04	0.01383506	0.02007902	0.02705205	1.00E-04
0.131	0.086	2.31593521	2.51655616	2.35322264	2.55531496	2.47612617
0.425	0.439	4.35077429	4.57912941	4.1802424	4.37093526	4.9368283
0.151	0.111	3.8661235	4.01174935	3.54637979	3.72832338	3.62437999
0	0	0.06040011	0.07674921	0.08115452	0.11140646	0.09979587
0.306	0.307	5.05653268	5.04443368	5.00231528	4.8709355	5.13464638
0.008	0	2.04111998	1.74506168	0.97666115	1.20223494	0.80525359
0.075	0.09	2.16535339	2.20922244	2.26766767	2.38648281	2.77028581
0.044	0.066	2.07014058	2.10310733	2.7267876	2.73337351	2.37757159
0	0.004	0.02389481	0.05332756	0.03479696	0.05589345	1.00E-04
0.016	0.016	1.30557594	1.42547711	1.93319605	1.8624776	1.58913562
0	0	0.02729137	0.05369389	0.02611193	0.01832471	1.00E-04
0.012	0.004	0.53403819	0.83541181	0.88211132	0.88986106	0.78569874
0.048	0.041	1.66475199	1.63756099	1.64277457	1.83461817	1.58652271
0.083	0.09	2.89813817	2.96627054	2.73945668	2.8251224	2.98589032
0.079	0.082	2.06399014	2.1557596	2.20749155	2.2758594	2.45845253
0.103	0.107	2.79586581	2.84610972	3.38028258	3.31524665	3.01266941
0.385	0.406	3.76261503	3.93398067	3.60446953	3.72607427	3.92190841
0.179	0.164	3.59901615	3.68575843	4.53690802	4.41864776	3.80686086
0.087	0.123	2.43875638	2.33298085	2.86352778	2.84805021	2.72740909
0.175	0.16	3.73650624	3.78986821	4.0948776	4.11975624	3.91645153
0.032	0.033	1.94844512	2.0762862	2.21262082	2.37545124	1.8104978
0.631	0.557	4.65358018	4.71104922	4.66248912	4.64705212	4.84116483
0.063	0.061	1.77310467	1.87089395	1.84004125	1.90369558	1.79388781
0.167	0.139	4.36809092	4.60790106	4.2244085	4.37228044	4.24129236
0.02	0.037	1.58360111	1.93625311	1.71679511	1.82188715	1.94923948
0.167	0.221	3.42174327	3.674655	3.55717155	3.66353421	3.5169991
0	0	0.0329766	0.01616133	0.01121277	0.01130392	1.00E-04
0.194	0.18	3.70779886	3.88422234	3.49529149	3.66510933	3.87367923
0.536	0.447	4.70749998	4.96591946	4.44592226	4.52202011	4.88796455
0.079	0.082	2.893555	2.78036466	2.21930514	2.37459246	2.94069482
0.079	0.057	1.97442205	2.19593766	2.03844741	1.87818254	2.80161924
0.036	0.037	1.34598019	1.43920596	1.33657361	1.4818388	1.54160595
0.135	0.102	3.3080144	3.48990827	3.09237709	3.43351576	3.38466783
0.044	0.07	1.84756575	1.91687348	1.96280141	1.99151072	1.76063969
0.067	0.049	2.13763373	2.33798728	2.34988349	2.50294751	2.21612223
0.234	0.34	2.96579765	2.76634222	3.49767445	3.34492496	3.82626664
0	0.004	0.12438413	0.14055561	0.09884266	0.11320791	0.14638938
0.083	0.107	2.90272728	3.01813951	2.63345304	2.93206268	2.81232664
0.143	0.189	3.16904426	3.18030026	3.96713891	3.96019772	3.35342563
0.032	0.033	1.44490725	1.58118549	1.61911517	1.78172452	1.64779422
0.004	0.004	0.20169519	0.25223382	0.18098856	0.17804871	0.20336597
0	0.008	0.84538078	1.09154717	0.46747667	0.42635899	0.76392638

0	0	1.00E-04	0.0398612	0.00285114	1.00E-04	1.00E-04
0.008	0	0.71488732	0.93080063	0.89291053	0.75977078	0.58407165
0.004	0	0.06071775	0.08211282	0.02091719	0.04386265	1.00E-04
0.187	0.152	0.81895423	1.96752932	1.61405842	0.97341093	2.97340326
0.008	0.004	2.0223251	2.07154899	1.78004008	2.02476781	0.80422211
0.532	0.566	5.92208711	6.02758678	6.51284208	6.5118965	6.00109462
0	0	1.00E-04	0.01440933	1.00E-04	0.0153382	1.00E-04
0.004	0.004	1.00E-04	0.01158125	0.01751694	0.01979611	0.17740897
0.008	0.016	1.64560581	1.74693671	2.20118523	2.25252449	1.6508234
0.294	0.246	4.70268726	4.69603476	5.33635529	5.28707759	4.81973644
0.067	0.074	2.11352382	2.23600583	2.13507459	2.22869952	2.32035204
0.04	0.045	3.21659183	3.35724068	2.75029492	3.06731511	3.3923776
0.218	0.234	6.91034122	6.88333445	6.66696519	6.52185028	6.12729518
0.123	0.139	3.09415129	3.32537241	3.0143859	3.25612495	3.3614941
0.401	0.398	5.50650466	5.518528	5.12344352	5.18970764	5.21951489
0.448	0.393	4.6118564	5.10977295	4.79574302	4.69121645	5.32615657
0.532	0.549	5.28267636	5.56340802	5.02093917	5.1295006	5.35749473
0.087	0.053	2.03664271	2.30326975	2.1193768	2.2718185	2.23555128
0.647	0.594	5.96293651	6.25546531	5.87697599	5.88561762	6.11568782
0.171	0.156	2.39613023	3.03696949	2.89972664	2.89992051	3.29101231
0.111	0.09	2.60405861	2.96293041	2.81641854	2.91969819	3.12807049
0.139	0.176	3.54723712	3.48293415	3.4189809	3.45556507	3.55088485
0.079	0.078	1.86159378	2.06963681	2.52680509	2.47263494	2.22595065
0.175	0.152	3.07509114	3.2104533	2.65592363	2.9332549	3.13844765
0.111	0.115	3.19832867	3.2290116	2.82938205	2.99363456	3.26606297
0.02	0.029	1.19179506	1.40415032	1.58241217	1.57141256	1.24697139
0.218	0.254	3.5683065	3.57278036	3.5262662	3.67852533	3.75971029
0.004	0	1.16127171	0.32049806	1.15479059	1.75839086	2.28077315
0.155	0.221	3.85487708	3.73743675	3.81893824	3.8317792	3.95287837
0.056	0.016	2.44245628	2.75738786	2.74659442	2.78447843	2.48764622
0.198	0.156	2.20617596	2.20763787	2.00418512	2.19433145	2.01456097
0.008	0.008	0.76139962	0.71290667	0.63431535	0.61553898	0.45087719
0	0	0.00880122	0.0691681	0.00558487	0.01083054	1.00E-04
0	0	0.17487905	0.12669566	0.11528129	0.10274368	0.14848719
0	0	0.1178218	0.15383893	0.05778352	0.0907142	0.13457614
0.004	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.004	0	0.10740717	0.06720192	0.01645032	0.02316116	1.00E-04
0	0	1.00E-04	0.00428304	0.04031984	0.01077558	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00377238	1.00E-04
0	0	0.09861471	0.13494497	0.03100284	0.08827417	1.00E-04
0	0.004	1.00E-04	1.00E-04	1.00E-04	0.01785912	1.00E-04
0	0.004	0.32677341	0.20780178	0.09430386	0.13127685	0.30160989
0	0	1.00E-04	1.00E-04	0.00254127	1.00E-04	1.00E-04

0.413	0.393	4.23894164	4.29653321	3.8552222	4.07330878	4.17369642
0.448	0.43	4.18681215	4.34596272	3.84844219	4.04742638	4.28773994
0.349	0.32	3.68253148	3.88366901	3.33505428	3.48834547	3.75100868
0	0	1.00E-04	0.00500955	0.00246103	0.00150503	1.00E-04
0.222	0.172	3.5889839	3.76835868	3.81307784	3.96076291	3.70382387
0.198	0.168	2.90791887	3.41484577	2.98744063	3.06249043	3.06491185
0.024	0.025	3.0380118	3.08105693	3.48345347	3.59754564	3.01703814
0.603	0.549	4.99599354	5.06357967	4.99430899	5.0597121	5.00743941
0.067	0.057	3.1752932	3.11032258	3.81815816	3.73928285	3.36164562
0.044	0.033	2.05933585	2.282766	2.37918218	2.46766839	2.3043347
0	0	1.00E-04	0.00622341	1.00E-04	1.00E-04	1.00E-04
0.468	0.463	4.44943544	4.77534812	4.3717007	4.48041424	4.75171651
0.075	0.107	3.13265306	3.16952846	2.80726249	3.09107017	3.37755652
0.087	0.09	2.59275885	2.63160391	2.69571395	2.68983333	2.61828221
0.286	0.324	1.75714936	1.35565415	2.21921218	1.99906404	2.19834138
0.087	0.123	4.35411668	4.48750021	4.100316	4.25305717	4.48710755
0.056	0.045	1.97903122	2.08914753	2.3089347	2.42964047	2.27598864
0.155	0.16	4.08283876	4.16549645	3.90350191	4.02340891	4.70988291
0.31	0.238	3.89627768	4.03269258	3.78543164	3.93353172	3.82719495
0.04	0.025	4.64207356	4.37832822	4.13744925	4.39216075	3.0419676
0.016	0.066	1.61683343	1.92679221	1.93883662	2.10623747	1.7139511
0.083	0.074	2.84650672	3.07011318	2.46152028	2.79154716	2.94534387
0.032	0.061	4.41837626	4.41563266	4.22122425	4.42729287	4.56027234
0.123	0.119	3.23009963	3.32259609	3.28644632	3.46243566	3.16251565
0.429	0.406	5.24855144	5.2539822	4.83330234	4.98608782	5.41396488
0.155	0.168	2.61532926	2.80104879	2.28268474	2.45078539	2.90291122
0.222	0.242	4.21527706	4.3054572	3.96772481	4.12298503	4.12834038
0	0	0.16778119	0.08197808	0.09271442	0.10180379	0.30627824
0.071	0.061	2.44598797	2.52516384	2.44096668	2.56161028	2.53273134
0.401	0.398	4.46819037	4.39318996	4.26177929	4.55547564	4.35082334
0.016	0.016	2.93442328	3.06370779	2.5121372	2.5938176	2.32523732
0.167	0.127	2.25222008	2.30944283	2.02732788	2.33707814	2.22619433
0.012	0.012	1.95228195	2.20977893	1.71750475	1.93680788	2.28748576
0.131	0.098	5.17018883	5.38518991	5.1385556	5.02653464	5.68843873
0.837	0.828	6.66794854	6.86235197	6.24241888	6.34699654	6.5645386
0.004	0.025	1.35601799	1.59486947	1.92180874	1.84941695	1.67740826
0.024	0.016	2.16112889	2.32601597	1.78685395	1.98963888	5.78117664
0.012	0	2.23821799	1.90304933	2.17303814	2.21474309	1.9017948
0.036	0.025	4.61062118	5.1095347	4.26562313	4.49428306	5.26604025
0.155	0.127	3.74811119	3.81984572	3.77043418	3.85691794	3.66612783
0.21	0.18	3.643399	3.69018589	3.57140242	3.59342563	3.62776107
0.143	0.143	3.15968986	3.33991649	3.84646829	3.74353038	3.33583979
0.19	0.201	2.41380087	2.61504592	3.19531713	3.18732733	2.62606933

0.028	0.037	1.25545163	1.37279117	1.39192583	1.61094789	1.48903421
0.206	0.184	3.7061332	3.6588522	3.36904657	3.52049571	3.89554163
0.19	0.16	3.923471	4.18037287	3.7304842	3.93610407	3.9365706
0.024	0.037	1.34535244	1.41571133	1.04021373	1.42945216	1.45624009
0.29	0.279	3.76586333	3.9313113	3.35838052	3.595221	3.86515308
0.238	0.234	3.71145331	4.40430888	3.85437163	3.65963427	3.91933102
0	0.004	0.06152048	0.20899858	0.09184161	0.11908261	0.51664876
0.286	0.27	4.90169756	4.94747162	4.54154756	4.77798307	5.04318084
0.702	0.709	5.17803513	5.34102541	4.90923541	5.10428826	5.35850123
0.004	0.004	1.25454084	1.79661979	1.07951288	0.89432306	1.9907132
0.04	0.025	2.20946382	2.27913317	2.59363674	2.64490271	2.26307687
0.083	0.033	1.86077429	2.03728842	2.27317967	2.37119173	2.22591546
0.032	0.066	1.82774655	1.91496558	1.94633755	2.11446512	1.88984351
0.139	0.148	2.43458824	2.56038798	2.66067009	2.70308046	2.93833132
0	0.004	0.01528031	0.08594453	0.04811647	0.03842962	0.11109037
0.004	0	0.55836975	0.86833911	0.3584515	0.3456359	0.77622369
0.163	0.148	2.95845788	3.11055681	3.57820194	3.62826655	3.08087589
0.079	0.111	2.80011622	2.93158007	3.13942946	3.16165852	3.14036166
0.008	0.016	0.18897105	0.16024272	0.10058515	0.10676839	1.00E-04
0	0	0.01989406	0.03357052	0.01819908	0.04083831	1.00E-04
0	0	0.02205891	0.11975036	0.04189638	0.02147664	1.00E-04
0	0	0.10404356	0.11007423	0.1072761	0.12557998	0.11057544
0.111	0.18	3.03207896	3.02836482	2.98435572	3.06426442	3.09584273
0	0	0.09846762	0.21516579	0.10494418	0.06742561	0.11464867
0	0	0.08591844	0.02501016	0.02198002	0.02456186	1.00E-04
0.067	0.066	0.18876415	0.40051763	0.43211294	0.38276068	0.40184192
0	0	1.00E-04	0.00531496	1.00E-04	0.00139926	1.00E-04
0	0	1.00E-04	1.00E-04	0.00312302	0.00247109	1.00E-04
0	0	1.00E-04	0.04881891	0.01288807	0.01005147	1.00E-04
0.012	0.004	0.60788645	0.33538452	0.40023275	0.66070441	0.40636645
0.012	0.016	0.05119085	0.05718712	0.06531489	0.04278047	0.04084005
0.024	0.004	2.87844645	3.06890672	2.87186659	3.16549623	4.16599428
0.452	0.332	0.76944054	1.1740945	1.02420662	0.75861874	0.9170779
0.02	0.057	1.44190479	1.33205327	1.14288445	1.49169997	1.38143154
0.016	0.029	0.24230094	0.35755678	0.20036656	0.22197491	1.46258434
0.21	0.221	4.15201491	4.17390855	3.92447781	4.09233207	4.0367308
0.036	0.045	0.87635251	1.03604469	0.96919209	0.93552863	0.78989017
0.421	0.393	4.28161849	4.27900354	4.47988329	4.50484052	4.49765277
0.02	0.016	1.01845606	0.97063611	1.3169347	1.21924479	1.05804893
0.004	0.012	0.1088354	0.13204893	0.13235162	0.15081102	0.85802519
0.016	0.02	2.20022924	2.22592944	2.69336159	2.70439945	2.21966959
0	0	1.00E-04	0.32050606	0.14732235	0.07700743	1.00E-04
0.028	0.029	3.24014558	2.87754113	3.66865113	3.56589738	2.7408835

0	0	1.00E-04	0.01143292	0.00617736	0.01524632	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.56507945	0.16664628	0.33093591	0.34007894	1.00E-04
0.044	0.09	3.14094338	3.04560331	3.9559365	3.90118739	2.98576937
0.131	0.09	4.88872874	4.57346778	5.53682621	5.40535954	4.85128564
0.008	0.008	1.27196619	1.2118818	1.20085277	1.35836794	1.22226169
0.044	0.025	2.34164695	2.37359659	2.19061426	2.53989515	2.38001373
0.298	0.27	4.38153083	4.50561878	4.17982518	4.24263047	4.39251886
0	0	0.09011304	0.09177216	0.04985568	0.1075062	1.00E-04
0.73	0.725	5.6585754	5.95340044	5.26282488	5.36651981	5.89111483
0	0	1.00E-04	1.00E-04	0.003135	0.00094201	1.00E-04
0.024	0.008	0.94140195	0.84258029	0.87002034	0.96539524	0.79645524
0.365	0.344	3.86108724	4.02737499	3.48008845	3.68022256	4.08374734
0	0.004	1.77359486	1.32528698	1.14470711	1.53919604	0.65887919
0	0	0.04230175	0.0334186	0.05102786	0.07208197	1.00E-04
0.369	0.316	4.31699597	4.43155747	4.58786792	4.65947041	4.56960715
0.099	0.131	2.3374819	2.37489552	2.3152837	2.46244528	2.57728942
0.091	0.123	4.20945203	4.78802032	4.37145942	4.53447532	4.92497489
0.317	0.398	0.9485965	1.07445188	1.0184506	1.15166616	1.39143496
0.048	0.025	4.57551091	5.09882674	4.06439942	4.25037499	2.32235433
0.147	0.16	7.36652282	7.6550391	7.0568893	7.19964189	6.79989705
0.036	0.041	0.91230935	0.79554604	1.17402145	1.16167711	1.60813274
0.004	0.008	0.10141824	0.16421114	0.13985769	0.14609006	0.22449852
0.067	0.082	2.11554937	2.13632827	2.32434177	2.34023387	2.31280154
0	0	1.00E-04	0.09402721	0.00298142	0.01037869	1.00E-04
0.167	0.164	4.28186009	4.61834536	4.80262155	4.78593594	4.35336704
0	0	1.00E-04	0.00799864	0.00292375	0.00841653	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00190007	1.00E-04
0.008	0.004	0.02717259	0.2454339	0.11224239	0.13032631	0.123474
0.016	0.008	1.03140111	1.17840223	2.29489098	2.15007937	1.31954519
0.111	0.07	4.30859541	4.13552105	5.31151602	4.96366923	5.0135362
0.25	0.213	3.6956161	3.61760909	4.11601924	3.92681244	3.95380104
0	0	1.00E-04	0.00412972	0.02879619	0.02036488	1.00E-04
0	0	1.00E-04	0.01000257	0.01708283	0.00949058	1.00E-04
0	0	0.01242274	0.18095982	0.04912621	0.05288891	0.05903162
0.04	0.066	2.17953287	2.07474589	1.87834173	2.04542066	2.42937533
0.159	0.176	2.72920141	2.4548882	2.32540856	2.53025749	3.00779723
0.008	0.037	1.08356424	1.19740259	1.41732581	1.5129108	1.38420021
0.008	0.004	0.17773882	0.48067916	0.416345	0.48209828	0.43595902
0.012	0.008	0.59806157	0.70260612	0.65819162	0.72751425	0.99687822
0	0	1.00E-04	0.08243416	0.01717338	0.03275704	1.00E-04
0.056	0.033	2.60187349	2.44579182	2.62718658	2.75398705	1.70883667
0.004	0.012	0.4196181	0.71185568	0.87155118	0.81206861	0.17346575

0.016	0.008	1.64959614	2.0282506	2.02042991	2.15616048	1.64573428
0.012	0.02	0.44799063	0.68847872	0.54898972	0.79778163	0.54768952
0.02	0.02	1.01331924	1.12340838	1.13052639	1.38797533	0.98973321
0.175	0.184	3.32599506	3.47771176	3.70110167	3.67600282	3.64196907
0	0	1.00E-04	0.02833551	0.0103949	0.0503641	1.00E-04
0.044	0.074	2.74511782	2.70810733	2.29852017	2.49186198	2.79546867
0.087	0.127	2.91709776	3.10775242	3.14337551	3.1689895	2.88636214
0	0	0.02536509	0.0216739	0.01983276	0.03874377	1.00E-04
0.004	0	0.27609425	0.14348187	0.1084967	0.11584563	0.12243602
0.012	0.012	0.26262297	0.28359729	0.16033957	0.22370669	0.17848551
0	0	1.00E-04	0.01631766	0.01066053	0.00722594	1.00E-04
0.341	0.25	4.55770851	4.70193021	4.18177476	4.32265833	4.64370961
0	0.004	0.16334628	0.17087679	0.05430976	0.12272635	0.07995255
0	0	0.4959347	0.37482252	0.2565862	0.3067637	0.25612145
0.187	0.189	3.84630366	4.4728209	3.42241866	3.6150755	3.85155304
0	0.008	0.51782998	0.33039628	0.14771265	0.2090912	0.50347118
0.028	0.008	0.41281929	0.72995697	0.6469989	0.59017488	0.44573602
0.004	0.004	0.15397943	0.22223945	0.14153737	0.22412653	0.17384376
0.028	0.008	1.88968963	1.4020213	0.84703156	0.93896733	0.80999228
0	0	0.03120061	0.04963378	0.02629266	0.04173399	1.00E-04
0.008	0	0.24050486	0.26809331	0.25539175	0.45821873	0.278812
0.008	0.004	0.25275263	0.42638499	0.38611085	0.46177208	0.57794096
0.238	0.184	2.95647185	3.22065725	2.70596348	2.90509268	3.74583926
0.052	0.049	2.54077677	2.73308739	2.74501597	2.90215868	2.56220609
0.103	0.09	3.7018526	3.86799206	3.40328919	3.56870945	3.7369473
0.143	0.127	4.70707947	4.43653875	5.13998003	5.15919112	4.30011255
0	0	1.00E-04	0.0110654	1.00E-04	0.00754873	1.00E-04
0.032	0.016	1.16628887	1.23908463	0.67144732	0.93042575	0.98279635
0	0	0.00931646	0.16504892	0.23881399	0.24496247	1.00E-04
0.032	0.037	2.55117696	2.36701645	2.5354813	2.74675522	2.72541336
0.004	0	0.16697424	0.31087474	0.2651377	0.25706467	0.24289491
0.012	0.02	0.7343554	1.00237535	0.77454825	1.40241649	0.84214402
0.056	0.045	1.58270941	1.68085035	2.08799753	2.13361178	1.78444828
0	0	0.79620031	0.38992059	0.67905578	0.85072795	1.92839316
0.016	0.008	0.81443932	1.1647011	1.04949648	1.14544088	0.59975507
0.004	0.004	0.29671593	0.60349182	0.77435661	0.6841066	0.40813214
0	0	0.16419785	0.45653904	0.47976029	0.50084414	0.25206283
0	0.004	0.04785226	0.15026088	0.22821288	0.15552545	1.00E-04
0	0	0.1698569	0.27260759	0.18636508	0.23410609	0.14761144
0.016	0.037	1.63199634	1.71055796	1.81173167	1.9187276	1.96491826
0.02	0.025	0.16703344	0.23294444	0.14799836	0.24095786	0.19336413
0.004	0	0.63937661	0.77423935	0.71673044	0.67157764	1.37929909
0.06	0.037	0.59759961	0.94578763	0.68680961	0.83202595	0.91413971

0.016	0.016	4.97298333	4.75935877	4.12464391	4.28327931	3.42316161
0.389	0.365	4.85259566	5.11402502	4.4227565	4.68306814	4.78412565
0.19	0.213	3.31531466	3.37409077	2.61379584	3.09160624	3.59075623
0.218	0.221	3.56270992	4.03713264	3.64670576	3.75460257	3.43084106
0.032	0.041	2.12063238	2.95054215	2.28268017	2.44133139	2.90175555
0	0	0.18154354	0.20352544	0.43361448	0.41600054	0.20544014
0.516	0.402	0.46859391	0.64393521	0.71220524	0.56678455	1.89086409
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.091	0.094	4.01043032	4.01647912	3.83239257	4.01777261	4.0409723
0	0	0.13109975	0.10421257	0.12304222	0.12534192	0.0731894
0.131	0.074	1.94758923	2.24555163	2.06898448	2.21673524	2.34775031
0.131	0.111	2.09516601	2.35558203	1.90360777	2.20992783	1.98141473
0.004	0.004	0.01513844	0.06156653	0.0476984	0.09712926	1.00E-04
0.012	0	0.17666108	0.1730613	0.22158854	0.17758126	0.13312156
0.222	0.266	3.20657543	3.34690968	3.65337397	3.6330803	3.25654676
0.087	0.115	2.9784788	2.91340105	2.7706573	3.05640994	3.08255954
0.349	0.385	3.40069418	3.47403096	3.60620732	3.67941475	3.51578796
0	0	1.00E-04	0.01540437	0.0017894	0.00236122	1.00E-04
0.214	0.23	2.28404489	2.13108345	1.76592525	2.03905005	3.39112049
0.401	0.393	0.46458487	0.63199417	0.68585115	0.68543911	0.69944296
0.048	0.025	2.36647315	2.42589568	2.82401721	2.71869493	2.27902025
0.087	0.086	3.87796622	4.04622008	3.87706627	4.08980191	3.99117849
0.008	0.008	0.93384985	1.32132091	0.63561056	0.60480809	1.24635245
0.194	0.242	0.35744877	0.59323918	0.73944926	0.84338447	1.77607276
0.131	0.111	2.12853834	2.32076646	1.89944583	2.34805387	1.47064444
0.27	0.328	4.92005244	5.27570343	4.5688725	4.76321974	5.48807027
0.29	0.336	4.15505925	4.26676594	3.90648955	4.00846743	4.36457374
0.095	0.139	2.29404324	2.49720481	2.30052283	2.48919774	2.51133661
0	0	0.03578074	0.02844796	0.03241227	0.00251809	1.00E-04
0.004	0.008	0.55993675	0.60018746	0.78635119	0.79481985	0.1918323
0	0	0.24491126	0.24182035	0.18730964	0.32821682	0.11768663
0	0	1.00E-04	1.00E-04	1.00E-04	0.0080003	1.00E-04
0	0.004	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.135	0.037	3.78272073	4.31536563	5.71957004	4.225325	4.28416665
0	0	0.08049732	0.08663016	0.0485923	0.07103149	1.00E-04
0.107	0.123	3.70066653	3.75885659	3.62736138	3.66762761	3.85915166
0.024	0.025	1.58799785	1.83120941	1.30021746	1.50034133	2.00145957
0.008	0	0.45177492	0.40853893	0.4223846	0.46284425	1.00E-04
0.048	0.049	2.2286879	2.16803711	2.70577917	2.69775927	2.17246905
0.083	0.078	3.04272336	3.17286129	3.61716266	3.5435739	3.06769755
0	0	0.46133914	1.00E-04	0.00755245	0.00618735	0.04629432
0	0	1.98266337	1.72921914	2.23162966	2.48977631	1.53697426
0.095	0.107	3.23524228	3.24689164	3.80715553	3.5975571	3.30505855

0	0	1.00E-04	0.0488061	0.04393122	0.07571022	1.00E-04
0	0	0.48659009	0.62885005	0.69325907	0.61532905	0.94477026
0.02	0.012	0.67300492	0.77312707	0.68512465	0.91355831	0.58384174
0	0	0.02817116	0.16598038	0.08354425	0.10342798	0.05663174
0.016	0	1.56943538	1.98593901	1.48973993	1.40214798	1.53036273
0	0	0.02708067	0.06429709	0.04200048	0.07317511	1.00E-04
0	0	0.36663501	1.00686521	0.44544132	0.53037727	1.04548261
0.004	0.004	0.00866272	0.16529741	0.08999018	0.13329363	0.09121289
0	0	1.00E-04	0.00572062	0.01740165	0.08007602	1.00E-04
0.004	0	0.14546997	0.04141429	0.0772129	0.07620946	0.37631691
0	0	1.00E-04	0.00824961	0.00310721	0.00112647	1.00E-04
0	0	1.00E-04	0.01735053	0.01007686	0.00241892	1.00E-04
0.008	0	0.40609233	0.40948331	0.18642167	0.24979842	0.03381068
0.167	0.164	2.20343375	2.22771614	2.66433929	2.57371546	2.7680714
0	0	1.00E-04	0.01446427	0.00373993	0.02443617	1.00E-04
0	0	1.00E-04	0.0245544	0.02317673	0.04579768	1.00E-04
0	0	0.01172867	1.00E-04	0.02436012	0.00483276	1.00E-04
0.008	0.008	0.64787238	1.16792192	2.0472285	1.08600399	0.46606772
0.016	0.033	1.5037029	1.35881663	1.55083871	1.80384555	1.69076828
0.19	0.205	3.31785065	3.41732046	3.48558478	3.62561089	3.21597449
0.091	0.094	2.96029014	3.12388722	2.98354306	3.22539916	2.84141644
0.282	0.254	4.21316472	4.51515086	4.01641728	4.20136582	4.34845693
0.012	0.012	2.87528352	3.3359419	2.87350483	2.45472326	1.75738465
0.063	0.045	2.53268933	2.31790433	2.62145904	2.60510928	2.77433502
0.258	0.254	4.33266129	4.70671363	4.10443824	4.4354503	4.17144698
0.04	0.045	2.94285176	2.89399151	3.07158122	3.18176819	3.05993935
0.079	0.074	3.54156122	3.53036913	3.41793086	3.60796638	3.69424296
0.044	0.012	4.36733486	4.82865119	4.10403174	4.21829303	4.97953226
0	0	1.00E-04	0.04506091	0.04003296	0.00940608	1.00E-04
0	0	0.1455868	0.33536079	0.17565992	0.16199506	0.0410787
0.008	0.004	0.72827079	0.69311376	0.62365118	0.65245853	0.41905409
0.226	0.234	3.7901138	3.88382067	3.8845783	3.91162145	3.92719091
0.052	0.074	2.18873473	2.21999675	2.42345947	2.4993651	2.3889815
0.016	0.016	3.47095574	3.68963191	3.39579775	3.37966522	3.01543118
0	0	0.27037289	0.61519207	1.10082342	0.29752799	1.30214399
0.032	0.037	1.67993103	1.87768674	2.00028908	2.0262277	2.05136399
0	0	0.17387926	0.12566628	0.13711587	0.14191429	0.13994061
0.163	0.049	3.51677672	2.89775153	3.35718152	3.46179882	4.02627848
0.06	0.082	2.31745972	1.96031998	2.27836792	2.77211287	2.56365323
0.099	0.057	2.36756444	2.37027742	2.50132127	2.60422716	2.71502423
0.004	0.004	0.80522619	0.80786013	0.96189493	1.27124961	1.04852619
0.714	0.705	4.62656648	4.7569627	5.01528542	5.10283306	5.03355107
0	0	0.01898809	0.02761434	0.04816578	0.04738067	0.07263643

0.004	0	1.60099422	1.3989567	1.18899481	1.32118106	1.53912909
0	0.004	0.18900652	0.18231312	0.13078822	0.2008127	0.18869523
0.02	0.016	3.46924225	3.09458855	3.83874772	4.07879506	4.06714449
0.337	0.332	4.51259	4.72620198	4.3552635	4.54420734	5.37921637
0.619	0.52	6.24111986	6.49524342	6.28065183	6.34654912	6.22114076
0.087	0.123	5.29623414	5.49362764	5.03558435	5.17977235	2.16029987
0.012	0.008	0.54035514	0.6276228	0.59894891	0.68946181	0.34303253
0.071	0.086	3.28558025	3.19017774	3.00759867	3.17219705	3.31685896
0.071	0.07	0.74310897	0.99981033	1.03480261	0.8325393	2.40769141
0	0	0.22116229	0.27337922	0.15403716	0.21623139	0.3234561
0.115	0.094	4.96295086	4.81277425	5.38567538	5.30928102	4.60071366
0.008	0.012	0.18890594	0.16097131	0.06758437	0.16061146	0.08970378
0.004	0	0.68618321	0.61761362	0.64357338	0.63095984	0.28322857
0	0	0.04813903	0.05877	0.05131459	0.0430285	1.00E-04
0	0	0.07286986	0.02172912	0.02619906	0.03792441	1.00E-04
0	0	1.00E-04	0.0455051	0.01610508	0.04470526	1.00E-04
0.262	0.275	4.84426281	4.82994188	5.15846569	5.08610413	4.76729914
0.274	0.205	4.44677936	4.69344521	4.50800316	4.61206368	4.42779252
0.528	0.455	5.72012719	5.82700244	5.3979021	5.52317952	5.63345175
0.06	0.074	2.21646509	2.02848766	2.43144118	2.37898018	2.11325747
0.02	0	1.59243548	1.55430802	2.1689362	2.03623781	1.84388507
0.067	0.094	2.0322607	2.04782552	2.74809636	2.63208544	2.13626948
0.143	0.16	3.00303437	3.06944848	3.18733073	3.20659046	3.37107552
0.036	0.02	1.6274374	1.78414257	2.1646736	1.85938241	1.94194155
0.099	0.09	2.51098544	2.78141242	3.03876429	3.09072543	2.58899015
0.071	0.045	2.85584897	2.91286488	2.80988717	3.02081397	2.73167279
0.063	0.057	2.45222703	2.43505013	2.63657471	2.65633132	2.42289396
0.06	0.045	1.95346585	2.04152403	2.1337354	2.26714203	2.18615331
0.075	0.086	2.03581422	2.22513517	2.73501776	2.76912979	2.29307537
0	0	0.43392956	0.44973095	0.48012226	0.59916378	0.50101601
0.04	0.045	2.33281422	2.41000812	2.5920431	2.54304318	2.54946814
0.004	0.008	2.64279116	2.73310686	2.77279121	2.46513391	2.77699342
0.02	0.025	4.30759732	4.004497	3.24564658	3.21595624	3.44738031
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0.016	1.02228946	1.02368028	0.85658765	1.20140805	1.38736622
0	0	0.01733268	0.02270029	0.0653752	0.0326972	0.04054828
0	0	1.00E-04	0.01626998	0.01804103	0.00778505	1.00E-04
0.004	0.008	0.15569823	0.16705635	0.10981782	0.10055396	0.03567359
0.048	0.07	2.92666778	2.96984861	2.87176628	3.02028776	2.89141219
0.004	0.016	0.02939463	0.03071378	0.01496304	0.0454075	1.00E-04
0.008	0.004	0.85308547	1.08650072	1.15393876	1.25521663	0.56233069
0.405	0.344	0.90429293	1.26016249	1.01750482	0.89031842	1.67781126
0.028	0.02	3.72969762	3.78505409	3.24574999	3.49343492	4.21460929

0.06	0.07	2.06952751	2.09418234	2.50593123	2.49314404	2.06086133
0.008	0.004	0.99569562	0.73734003	1.00106294	1.15126523	1.03195297
0.008	0.016	1.03340557	1.17006292	1.32820262	1.43007256	0.78803763
0.234	0.193	3.72797573	4.00218526	3.64573104	3.74419042	3.93907075
0.393	0.393	4.5356183	4.74033342	4.43376994	4.51985004	4.64142103
0.04	0.066	1.844273	1.78572688	2.24148975	2.19654517	1.97788835
0.143	0.078	2.94380059	2.94673674	3.11499494	3.0934465	3.09487831
0.067	0.029	2.587048	2.56177561	3.20298564	3.17821453	2.78282917
0.127	0.115	3.18213802	3.19101111	3.66484516	3.6762522	3.39430613
0.028	0.045	1.96337249	2.00139984	2.13699224	2.12191011	2.10960111
0	0	1.00E-04	1.00E-04	1.00E-04	0.00383503	1.00E-04
0.02	0.02	2.46511896	2.28936617	2.48437364	2.54348685	2.40636728
0.567	0.541	4.88190702	5.0994767	5.00135706	5.07635462	4.97466344
0.052	0.086	4.67556732	5.74383273	4.13798026	4.41694579	3.05098609
0	0.004	1.00E-04	0.0426518	0.05981088	0.09118789	1.00E-04
0.06	0.061	2.70774382	3.05056983	2.44930536	2.58949903	3.01570954
0.02	0.049	1.19453097	1.55418291	1.26298062	1.12799212	1.50622904
0.008	0	2.98447237	3.03599331	2.0512458	2.59211285	2.6110676
0.004	0	0.71175799	1.247333	0.73132424	0.98164045	0.53525382
0.024	0.008	1.58258685	1.80487039	2.11555812	2.26875658	1.68869701
0.135	0.139	3.44854383	3.4091116	3.58920527	3.645348	3.44629882
0.171	0.184	3.1271552	3.06937785	3.1725388	3.40576372	3.19073384
0.127	0.098	2.7574295	2.8075449	3.22018537	3.24943661	2.89292781
0.107	0.115	0.91145779	0.94674541	1.82674702	2.27389282	0.30957711
0.159	0.123	2.98313344	2.73402907	3.44582171	3.21387665	3.13724047
0.214	0.283	3.38170767	3.59731421	3.50451858	3.5947222	3.55949065
0.317	0.275	3.64993333	3.65493828	3.73131002	3.80137909	3.8366916
0.016	0.082	3.56958938	3.5402119	3.2005357	3.46886151	4.35937584
0.127	0.111	3.31137935	3.55309662	2.84514989	3.368173	1.23759512
0.016	0.012	1.62949372	1.90344953	1.9569724	1.87038018	1.76697225
0.012	0.016	2.43512956	2.73332924	2.69097521	2.75658319	2.39578817
0	0	0.02657677	0.05961154	0.050415	0.05615445	1.00E-04
0.048	0.053	2.21692914	2.15145629	2.39795407	2.28746185	2.65626604
0.024	0.029	0.54810775	0.85820737	1.08883665	0.70304396	1.25599741
0	0	0.19961226	0.15717974	0.22306645	0.45763196	2.31309698
0.131	0.09	2.43298069	2.43945827	2.56544534	2.72019057	2.93725049
0	0.004	0.34395468	0.22107957	0.26586575	0.28428025	0.27279403
0.016	0.016	0.97531976	0.902686	1.06221472	1.12973772	1.01039796
0	0.004	0.07786495	0.09494353	0.06226827	0.06446188	0.23659971
0	0	0.04900729	0.05801244	0.05791415	0.09711207	0.08920259
0.036	0.041	1.2559579	1.15423837	1.56573915	1.62780956	1.40634092
0	0	0.6230098	0.65981537	0.73384564	0.83464475	0.81781635
0.044	0.037	1.48408467	1.43059262	1.28483935	1.45164808	1.63378673

0.139	0.078	0.11772247	0.18912864	0.28530027	0.33954829	0.27291444
0.004	0	1.05726805	2.11916656	1.79045296	1.39038005	0.70476512
0.016	0.029	1.5208889	1.48720607	1.22513415	1.41849894	1.57264306
0.06	0.107	2.45900078	2.6828571	3.3792919	3.34757622	2.56447993
0.139	0.139	2.98997192	3.05976948	3.83593831	3.86080878	3.08847878
0.167	0.225	3.53933171	3.46427107	4.45625251	4.49196178	3.71740557
0.143	0.213	3.31931021	3.33292535	3.84208757	3.87157781	3.61095145
0.087	0.07	2.13455766	2.26348561	2.82620928	2.64370401	2.33792655
0.044	0.02	1.70478512	1.72562348	2.40446217	2.36262569	1.98391773
0.06	0.045	2.51100985	2.8838954	2.98907006	3.06937137	2.69923419
0.214	0.168	3.68008125	3.77034209	3.50285232	3.6942191	3.83405182
0.119	0.148	2.40054004	2.39749421	2.96477232	2.99065953	2.55932072
0.099	0.082	2.55975427	2.55531655	3.08585804	2.99255002	2.70808559
0.079	0.09	2.94240804	3.03047165	3.65760756	3.56916876	3.10352197
0.012	0.012	1.02948933	0.9389849	1.33585735	1.42979987	0.9985789
0.004	0	0.21291517	0.19529189	0.45386676	0.36422951	0.27491432
0.02	0.004	0.89772282	0.77824375	1.5780892	1.4774322	1.00525343
0.103	0.107	2.48888939	2.57671689	3.35308096	3.33577938	2.7363765
0.107	0.086	2.85004204	2.8922304	3.36902088	3.32778913	3.18475053
0.21	0.279	0.26104677	0.57802701	0.65381287	0.74164934	3.02275038
0.06	0.033	4.42951736	4.47443692	4.73252806	4.72011026	4.11069767
0.004	0.004	1.02141177	0.4416849	0.42715018	0.46955064	0.25412737
0	0	0.15334407	0.1197321	0.10120084	0.10012332	1.00E-04
0	0	1.00E-04	0.04312752	0.01731158	0.01445804	1.00E-04
0	0.008	0.17697518	0.18783251	0.20344609	0.14388986	0.72638258
0.024	0.029	1.53405759	1.67813139	1.96309198	2.0052228	1.67202344
0.317	0.27	4.96891521	4.9280733	4.81575779	4.47662374	5.50644235
0.02	0.02	1.86839952	2.16220479	2.24193383	2.2666194	1.97354571
0.048	0.041	1.92535259	1.9433443	2.22688981	2.27363087	1.85421362
0.06	0.066	2.38438974	2.7025191	2.46732315	2.71430835	2.38633598
0.063	0.098	2.32904585	2.51892835	2.43851144	2.45395976	2.74202356
0.016	0.029	2.57671651	2.65449631	1.74659113	2.11141598	1.45512607
0.119	0.086	1.78527116	2.23909381	1.81540599	1.83181163	1.95285422
0.012	0.012	1.04520648	1.12172149	0.83113756	0.98999007	0.31895201
0.016	0	1.00696766	0.90205597	1.29548061	1.21937933	1.46481848
0.079	0.074	2.34530042	2.48518535	2.37590993	2.63162402	2.59753282
0.008	0.004	1.8948737	1.85462631	2.04721697	2.15341956	2.0097441
0.337	0.361	5.49724521	5.19344067	5.87343533	5.79304595	5.70827929
0.004	0	0.74284784	0.85964762	1.15905853	1.08266497	0.88509597
0	0	0.06423331	0.36369308	0.06621669	0.07310748	0.36712868
0.016	0.012	0.3113347	0.22381829	0.29682758	0.36039433	0.11973529
0.044	0.004	3.62741434	3.76951436	3.4936885	3.84325299	3.733211
0.032	0.057	2.07646342	3.00703823	1.55823955	2.13261367	2.67254216

0.06	0.045	2.8671203	2.53585974	2.68422966	2.5180357	2.11627536
0.024	0.012	1.87220277	1.65518464	1.29968551	1.67648402	0.52213368
0.242	0.205	3.98238191	3.73174338	3.92724374	4.08211868	4.07771457
0.31	0.369	2.62863492	2.71726506	2.76480317	2.81569747	2.5683618
0.004	0.008	0.35741021	0.5558649	0.34239101	0.4659553	0.50041703
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.635	0.561	4.97187938	5.16741753	4.66302952	4.82268803	5.07462128
0.369	0.398	4.56325441	5.10572602	4.15979399	4.37815019	4.55583339
0	0.008	0.13813878	0.32076266	0.29384474	0.20965625	0.18601785
0.028	0	1.47820022	1.79218819	0.92224473	0.93513725	1.06241483
0.48	0.475	5.52555818	5.20695163	5.59597377	5.58932674	5.71877152
0.052	0.033	4.85549298	4.58156686	4.11979921	4.54914058	4.24020315
0.056	0.045	2.2603359	2.22126411	2.60344562	2.4639861	2.65434957
0.036	0.012	3.24355889	3.01198662	3.57752212	3.53550927	3.54385636
0	0	0.88579133	0.91327729	0.8553311	0.8903701	1.5787351
0.071	0.016	4.47402713	4.66717444	4.92105731	4.37574427	4.86650795
0.016	0.004	0.58486971	1.78912608	0.73456765	0.78806585	2.17638177
0.067	0.045	4.36255224	4.75133092	4.91402438	4.72940491	4.48579195
0.004	0	2.23674212	2.21717262	2.42507161	2.49388883	2.21971327
0.028	0.004	2.51296905	2.61649002	2.8148384	2.80688687	2.83685361
0.004	0	0.15664556	0.13057957	0.0926502	0.16726534	1.62623626
0.004	0	1.92400933	1.36274235	1.71610022	1.67141652	2.36500879
0.282	0.287	4.05226555	3.97083961	4.83929332	4.72992829	4.25742497
0	0	1.00E-04	0.02208524	0.00268239	0.01333371	1.00E-04
0.274	0.238	3.90509143	4.08206475	4.25607118	4.30969932	3.96156209
0.063	0.025	2.62866222	2.68125265	3.1887248	3.09491707	2.61774726
0.167	0.16	2.83087608	2.77283082	3.4643581	3.35712071	2.92785564
0	0	1.00E-04	0.03197716	0.01598618	0.06150842	1.00E-04
0.012	0.008	3.670578	3.47566149	3.13541353	3.41905685	1.12212611
0.004	0.008	0.38942469	0.37991745	0.31684646	0.42968002	0.59882803
0	0	0.07908698	0.05143061	0.0323232	0.06451987	1.00E-04
0.004	0.004	1.12951197	0.77837067	1.33536722	1.26290838	1.1634337
0.163	0.176	4.31173316	4.20728895	4.37131412	4.43110512	4.35472721
0	0.004	0.54677825	0.56682868	0.37525822	0.39416132	0.27808612
0.032	0.008	0.89968675	1.03085256	1.05875276	1.0275044	0.85398242
0.234	0.205	3.64773394	3.61037679	3.76464264	3.88895758	3.77274955
0.075	0.049	2.35126424	2.42401244	2.82934516	2.84413642	2.44851536
0.302	0.283	4.21698396	4.36247445	4.04862772	4.15729105	4.22450772
0.571	0.549	5.19199813	5.33586196	5.08491717	5.12123346	5.49860083
0.198	0.176	4.10124673	4.35707777	4.10246325	4.12244794	4.01884768
0.044	0.049	2.57810731	2.81405231	2.67286746	2.7938546	2.81623157
0.325	0.389	3.78650847	3.69067678	4.7185204	4.61853703	4.11910471
0.099	0.102	3.89999937	3.97423668	4.32091197	4.35909937	3.89512096

0.48	0.537	4.89936781	4.8718015	5.41473686	5.38822242	4.91669722
0.476	0.365	5.28544377	5.41012658	5.83795565	5.78403564	5.28098018
0.004	0	0.02109512	0.06686695	0.09477352	0.13049632	0.10904019
0	0	2.21221698	2.24216826	1.84639042	2.41556995	1.40911686
0	0.004	0.09122971	0.07721399	0.05833864	0.22350704	0.03185187
0	0	0.10681996	0.04804871	0.05773597	0.08658124	0.18263317
0.004	0.004	0.67859448	0.66080329	0.5573291	0.64875425	0.70992446
0.008	0	0.69335439	0.87749761	0.40906671	0.55088791	0.04272764
0.103	0.102	1.76355649	1.69670685	1.97310775	2.11317547	2.41907569
0	0.004	0.5328502	0.63376683	0.49961451	0.53784284	0.38242704
0.163	0.18	0.38010023	0.55717139	0.51535396	0.47925167	1.1046318
0.452	0.41	5.9431189	6.19917232	5.65054569	5.77623768	5.76930974
0.004	0.004	0.59483095	0.51495815	0.55605601	0.51076734	0.81957088
0.091	0.045	6.47420788	7.05444481	6.0312157	6.18836407	5.78024111
0.226	0.242	3.70323101	3.65869167	4.15958533	4.10157694	3.90636884
0	0	0.13486894	0.11660847	0.0997504	0.1116828	0.17105611
0.151	0.143	3.40707201	3.35767713	3.04098865	3.25161872	3.4908901
0.083	0.074	3.07999797	3.18381509	2.81033498	3.08767469	3.56167841
0	0	0.40558317	0.32028798	0.37230832	0.41202327	0.72448554
0.036	0.025	1.71598283	1.78462849	2.1185267	2.20142203	1.93438796
0.036	0.057	2.71957397	2.82613966	3.29763337	3.28116506	2.7456227
0.385	0.357	4.41608684	4.44012817	4.58436275	4.57468793	4.55210126
0.262	0.238	3.73012389	3.64703528	4.02877248	3.99331645	3.79071378
0.163	0.127	1.68008061	1.89745263	2.58567346	2.5793181	2.10059202
0.155	0.119	3.09907247	3.2066838	3.70490992	3.65881439	3.24020755
0.163	0.131	4.19146431	4.01857161	4.13461485	4.16993293	4.23512982
0.02	0.004	1.03324593	1.05886169	0.72785108	0.99311538	0.9820026
0.139	0.127	3.44449439	3.44339375	3.78727613	3.7787516	3.46775401
0.099	0.078	4.08942093	4.32725356	4.15478647	4.39785495	3.83774054
0.21	0.258	4.06089317	3.90989921	4.67197365	4.59043685	4.16276407
0	0.004	0.06357475	0.14520534	0.15002898	0.11735247	1.00E-04
0	0	0.21420816	0.16475379	0.11509275	0.13973787	0.10249071
0	0	1.00E-04	1.00E-04	1.00E-04	0.01379115	1.00E-04
0.052	0.049	1.8204159	1.81906478	2.18161875	2.26491261	1.88952149
0.004	0.016	1.48545506	1.46685537	1.97167026	1.94877078	1.80523568
0.052	0.041	3.26686998	3.33739858	3.30288915	3.43896826	3.2686845
0.048	0.037	2.30754753	2.94991797	2.47445238	2.73702182	2.62867969
0.079	0.066	2.38513244	2.30644514	2.23182566	2.41067331	2.68185808
0.087	0.098	2.54323694	2.69671359	3.25500879	3.09702402	2.61136169
0.135	0.074	2.9229296	2.90701677	3.70669516	3.57660416	3.42329215
0.024	0.045	0.15230091	0.26924172	0.19147705	0.24141304	0.31078657
0.095	0.119	3.05943796	3.27947706	3.54023785	3.50383956	3.14809678
0.083	0.074	2.31535358	2.37246209	2.97985393	2.96035683	2.65072418

0	0	0.38227342	0.21566489	0.14672178	0.22581364	0.1987686
0.02	0.053	1.76367355	1.86109655	2.4231801	2.35305405	2.05262704
0.008	0.008	0.90967083	1.12938728	0.80400696	0.88402017	1.03281313
0.127	0.111	4.93094928	5.11722083	4.51587973	4.62269058	4.99665311
0	0	0.48747511	0.52830273	0.36897527	0.251604	1.00141485
0.087	0.045	3.24900953	3.06806337	3.46485798	3.42763672	3.41463307
0.063	0.045	2.84459663	2.97186436	2.48979094	2.70404063	2.52707631
0.048	0.008	3.62312807	3.54601138	4.28835316	4.24774498	3.5261413
0.004	0	1.00E-04	0.04637012	0.07626495	0.06818944	0.13271503
0.294	0.234	3.86932878	4.67027974	3.51498897	3.68970057	3.87426516
0	0	1.00E-04	0.15011931	0.05686129	0.04909436	0.06720643
0.115	0.094	2.70566872	2.62388061	3.5704199	3.54803915	2.92419062
0.063	0.057	2.51468387	2.69923407	3.05671989	3.0632989	2.59650512
0.103	0.107	3.56487704	3.77868027	3.92743692	4.00408907	3.81676803
0.127	0.102	2.52426091	2.56583691	3.03095996	2.9932579	2.57628638
0.024	0.033	1.55954084	1.70071176	2.01563657	2.12374476	1.50233414
0	0	1.00E-04	0.01703997	0.00594604	0.02759924	1.00E-04
0.603	0.549	5.60700676	5.89255783	5.26651531	5.36210421	5.98162793
0.516	0.537	5.20491633	5.23978016	4.88691925	5.00004374	5.24699102
0	0	0.89922143	0.95970979	1.08330191	0.98138601	0.97097535
0	0.012	0.16931426	0.20191218	0.14989696	0.26273817	0.11428856
0.032	0.004	0.64964667	0.70577476	0.34991134	0.36539239	0.28576926
0	0	0.37241107	0.3483953	0.28701741	0.28158917	0.39730759
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.111	0.09	3.3356702	3.28568714	4.07674682	4.06799721	3.38932885
0.266	0.213	4.76983371	5.06585244	4.19192841	4.43748664	4.81496024
0	0	1.00E-04	1.00E-04	1.00E-04	0.00138223	1.00E-04
0.02	0.004	1.30267156	1.51423709	1.86935083	1.82883151	1.25639724
0.016	0.004	0.09632628	0.14543069	0.10453528	0.15007551	0.13190187
0.044	0.037	2.18886999	2.84436632	2.21580757	2.41459887	2.28301485
0.02	0.037	1.53912365	1.62130876	2.13516743	2.25848788	1.14211421
0.04	0.025	2.34090546	2.37764105	2.27778123	2.48630867	2.08014029
0.012	0.008	2.40554564	2.56776335	2.59751292	2.77134425	2.48852354
0	0	0.19874117	0.28724909	0.28008134	0.40682205	0.18199023
0.286	0.324	3.89194073	4.06106404	4.74494523	4.70851482	4.04321514
0.123	0.098	3.19634941	3.32106633	3.71896876	3.59273118	2.85956032
0.361	0.434	4.67356815	4.68714755	5.52092813	5.47489044	4.87765022
0.349	0.352	4.22736779	4.05340065	4.95083227	4.90057708	4.46981809
0.016	0.016	1.89430541	1.92384216	2.35656773	2.32564917	2.03338579
0.028	0.016	4.89238162	4.80288074	4.84841164	4.86312951	4.39980371
0	0.004	0.29129014	0.46416656	0.33579627	0.31562446	0.69343746
0	0	1.00E-04	0.00843192	0.00731847	0.01075799	1.00E-04
0	0	1.00E-04	0.05120937	0.05570036	0.05703439	1.00E-04

0.119	0.123	0.33957013	0.55318734	0.34679409	0.47042446	0.502527
0	0	1.00E-04	0.02398184	0.00409735	0.0079402	0.05174911
0.056	0.057	1.32966459	1.41814802	1.03405781	1.4042855	2.71121807
0	0	0.31342229	0.17836908	0.36602632	0.45527155	0.63233772
0.028	0.012	1.04276392	1.14395121	1.64725956	1.59269531	1.25548296
0.222	0.209	3.59570544	3.5749996	4.35794866	4.34991986	3.89465279
0.02	0.053	1.92987004	2.00144668	2.24043518	2.29251841	1.78529915
0.194	0.119	3.33887581	3.58266668	3.10803395	3.29413988	3.31153894
0.063	0.049	3.65448034	3.54178392	3.02885796	3.24505604	2.94887079
0.365	0.365	4.61969274	5.12122195	4.27304557	4.47303756	4.54826451
0.206	0.197	3.99799138	4.01317258	4.06646511	4.13627689	4.03263655
0.179	0.176	3.5378014	3.72889267	4.29685898	4.29288881	3.87764413
0.052	0.025	2.0939416	2.03202379	2.34744162	2.3749058	2.3708523
0.099	0.119	2.99210453	2.98881072	2.66759594	2.89811086	2.80360562
0	0.004	0.60899698	0.56838551	0.45145256	0.48450096	0.67839425
0	0	0.37434651	0.46500352	0.59533636	0.61907402	0.57234792
0.075	0.074	2.28589638	2.32309968	2.64534199	2.561505	2.10910397
0.032	0.057	5.22189936	5.13649601	4.54844052	4.93193304	4.79816568
0	0	0.13813789	0.5811132	0.2471864	0.18032485	0.37838426
0.044	0.045	3.72350324	3.84013689	4.25876242	4.2273122	4.00485062
0	0	1.00E-04	0.01708258	1.00E-04	1.00E-04	1.00E-04
0.032	0.053	2.15564658	2.41054557	2.31434308	2.4783934	2.59740287
0.004	0.016	0.59575858	0.6233962	1.33173982	1.61440074	3.56450652
0.016	0.025	0.77288798	1.21769799	2.0909772	2.27282668	4.27987098
0.008	0.029	0.54805575	0.62928003	1.03363551	1.03060316	0.64700889
0	0	1.00E-04	0.05492323	0.02743912	0.06372739	1.00E-04
0	0.004	0.30449927	0.28738731	0.21047651	0.27741858	1.00E-04
0.087	0.078	3.13009309	3.24183939	3.76391818	3.6963663	3.41252658
0.048	0.025	2.02971139	2.15293196	2.52744286	2.49098073	2.14176248
0.357	0.295	3.70034902	3.7835718	3.29105087	3.4647813	3.72699971
0.044	0.008	1.43520573	1.59871347	1.27667277	1.38751092	0.92728236
0.135	0.098	2.85472056	2.98357744	3.17078538	3.20454631	3.09393404
0	0.004	0.26306486	0.34969266	0.24963764	0.32689109	0.16267775
0.107	0.057	3.36569279	3.44918898	3.25431339	3.35629873	3.30517535
0.087	0.066	2.3048077	2.52080397	2.39341752	2.53414191	2.68692262
0.02	0.012	1.25865331	1.55797728	1.7162706	1.74161318	1.34732985
0.036	0.02	1.29183761	1.49372975	1.80350019	1.70544097	1.42929228
0.012	0.008	1.09178197	1.07755073	1.56093098	1.5322281	1.50895085
0.06	0.041	1.517953	1.61336401	2.19067431	2.12122047	1.66791549
0.063	0.066	2.928665	3.16372858	3.38532337	3.41539322	3.03816618
0.032	0.02	1.86076518	1.90791086	2.05410356	2.10950432	1.93903619
0.004	0	0.79777943	0.53334763	0.92931848	0.98111635	0.92890559
0	0	0.42449894	0.42331516	0.52342783	0.51931107	0.69409609

0.103	0.078	2.85664584	3.01131236	2.87531724	3.03978688	3.01897952
0	0	1.00E-04	0.0053297	0.00264292	0.01192735	1.00E-04
0	0	0.02347309	0.00837031	0.02036504	0.00735813	1.00E-04
0.028	0.025	1.60720533	1.85999226	2.13316019	2.09034584	1.82369459
0.008	0.008	0.0523831	0.07688638	0.04830924	0.0551099	0.08499945
0	0	1.00E-04	0.03892754	0.05900323	0.07095521	1.00E-04
0.004	0.02	1.82005369	1.96752149	1.66478595	1.73033211	1.59883034
0	0.004	0.11592243	0.15141289	0.09399755	0.19509146	0.04018237
0.063	0.066	2.22946556	2.42664287	2.94496594	2.87334741	2.44726627
0.024	0.033	0.13944715	0.07066097	0.09911871	0.10356623	0.14753252
0.083	0.061	2.63076165	2.6690295	3.37136362	3.26031395	3.03887035
0.123	0.102	2.64706292	2.62019798	2.53359206	2.62692964	3.3942271
0	0	1.00E-04	0.04822492	0.02629956	0.04812792	1.00E-04
0.151	0.172	3.08214525	3.06086003	3.85720889	3.86347312	3.34942972
0.079	0.098	2.0669985	2.05303532	1.97009745	2.21994937	2.12751895
0	0	1.00E-04	0.07653221	0.00712735	0.01108827	1.00E-04
0	0.012	0.07792936	0.13497636	0.08289185	0.15285099	0.62044592
0	0.012	1.00E-04	0.02954085	0.01824506	0.01508998	1.00E-04
0.119	0.066	2.45021327	2.41632706	2.52584085	2.54598811	2.70814704
0	0	1.00E-04	1.00E-04	1.00E-04	0.00278752	1.00E-04
0.107	0.102	2.05505051	2.111683	2.74440063	2.67216064	1.83215529
0.004	0	0.10147926	0.36862652	0.22030996	0.21290309	0.3790798
0.044	0.025	2.23008459	2.19212165	2.92728201	2.83983638	2.53699698
0.333	0.357	4.22057571	4.29803052	4.99588115	4.93715981	4.38019044
0.048	0.033	1.66059685	1.60456941	2.09641257	2.26884074	1.9213948
0.004	0	0.25650608	0.12407072	0.19864053	0.18402322	0.10860526
0.099	0.107	2.22329622	2.54497826	2.7148648	2.82400441	2.48909154
0.056	0.078	2.48972247	2.52334996	3.18211592	3.05779626	2.81260359
0.004	0	0.3184316	0.19403543	0.20156555	0.22243093	0.16931685
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06	0.049	0.38370899	0.76758676	0.41368167	0.46942978	1.00323089
0.171	0.18	3.07081121	3.17066014	3.73694833	3.73696318	3.29371625
0.028	0.033	1.20048567	1.50872722	1.27905149	1.46274432	1.51181118
0	0.025	1.86039568	2.24640806	1.48074414	1.83040236	1.52138069
0	0	0.02384322	0.01596691	0.02796069	0.01770785	1.00E-04
0.06	0.053	1.88594676	2.04284568	2.2334885	2.3800649	1.8921772
0	0	0.06538478	0.13208861	0.08552672	0.13299105	1.00E-04
0	0.012	3.07915479	2.88915608	2.9406781	3.00167246	2.784356
0.008	0.016	1.08961351	0.98523071	1.03744454	1.16639111	1.13020859
0.175	0.139	2.66537441	2.71048992	3.4774397	3.36479278	2.79185156
0.079	0.115	4.26090022	4.2002672	4.04458749	4.28575654	3.99543337
0.151	0.156	3.03956955	3.0514819	3.15711008	3.26903821	3.00046434
0.365	0.426	3.28001171	3.1450766	3.59973969	3.79786373	3.73238722

0	0	1.00E-04	1.00E-04	0.00396244	0.01083905	1.00E-04
0.337	0.344	4.72513805	5.04974001	4.37286708	4.45109245	4.36465486
0	0.004	0.29986513	0.54655236	1.23519441	1.26195306	0.41280404
0	0	1.00E-04	0.02318094	0.01533251	0.00196644	1.00E-04
0.25	0.221	3.48823429	3.56805097	3.6383749	3.69657287	3.58573331
0	0	0.00903737	0.02676858	0.05456876	0.02428595	0.05843373
0.036	0.041	1.90652404	2.01443442	2.23195909	2.2623587	2.14665198
0.024	0.008	1.94121003	1.86442	2.87996931	2.93118439	1.89055688
0	0	1.00E-04	1.00E-04	1.00E-04	0.00087187	1.00E-04
0	0	1.00E-04	0.03052414	0.0108191	0.04289126	1.00E-04
0.02	0.033	1.21751599	1.53792866	1.80781464	1.89685362	1.34442574
0.008	0	0.86864334	2.20460091	1.05900035	1.07766835	0.95914019
0.04	0.074	0.21195338	0.21512062	0.38530238	0.53258271	0.28883515
0.075	0.078	2.48928277	2.34064624	3.42390412	3.31113709	2.90063064
0.282	0.225	3.43443323	3.47719515	4.48293531	4.28167385	3.84679834
0.306	0.254	3.74009179	4.00826263	4.01417803	4.1300666	3.76702429
0	0	0.31718704	0.26870592	0.71866935	0.88375782	0.34619294
0.143	0.119	3.01732289	3.02853627	2.7988335	3.04374086	2.97478708
0	0.004	1.00E-04	0.09999655	0.05335137	0.10071746	1.00E-04
0.06	0.053	2.01664873	1.90467756	2.17561053	2.1407397	2.27300861
0.012	0.008	0.52566846	0.39493357	0.27356623	0.36011504	0.5486809
0.008	0.012	0.23626552	0.38503816	0.26007125	0.33451229	0.97788731
0.04	0.078	1.57108747	1.93736204	1.92387728	1.88547022	1.78376579
0.052	0.016	3.01095638	3.42223639	2.93312406	3.22534676	3.12367635
0.063	0.033	2.10155251	2.38058408	1.82124337	2.06480929	2.33598487
0	0	1.00E-04	1.00E-04	0.01332473	0.01564756	1.00E-04
0.008	0	0.17996599	0.47873494	0.15724332	0.21508559	0.11954724
0.107	0.119	1.57601182	1.13340557	1.52367815	1.78365871	2.54880918
0.004	0	0.87657565	1.7990384	0.71826825	0.59427942	1.23880217
0.171	0.193	3.6871318	3.52260169	3.71483694	3.70210103	3.7516409
0	0	0.03597367	0.05272787	0.04890426	0.11464444	1.00E-04
0	0	1.00E-04	1.00E-04	0.00182305	0.01064827	1.00E-04
0.135	0.131	3.69596032	3.52288116	3.54264107	3.63515638	3.52743919
0	0	1.00E-04	1.00E-04	1.00E-04	0.00361281	1.00E-04
0.087	0.074	3.44158828	3.46424789	4.08140259	4.07958931	3.22055903
0	0	0.78625411	1.03896671	1.69668219	1.66503415	0.65341475
0.06	0.045	3.91801096	3.9839998	4.12420694	4.26832611	3.32074476
0.123	0.152	4.08363685	4.20512676	3.89598763	3.93131601	4.14001455
0.083	0.07	2.60289337	2.56741574	2.30377711	2.56435428	2.88709818
0.044	0.061	2.59088264	2.87663868	2.76249404	2.84715798	2.69444729
0.004	0	0.17551785	0.12731509	0.11115819	0.11705451	0.18129753
0.004	0.02	1.40044804	1.38225319	1.61331879	1.74365626	1.39482385
0.179	0.209	3.31373518	3.19078461	3.3364641	3.47270783	3.30604863

0.063	0.074	2.25866428	2.29833006	2.88347447	2.91955355	2.38812833
0.167	0.16	4.19542072	4.2105017	4.29942005	4.41229309	3.75422265
0.004	0.016	1.89791478	1.82221154	1.79911317	2.05226305	1.75143864
0	0.008	0.20579292	0.07871366	0.25439417	0.32970836	1.00E-04
0.004	0.016	0.53883939	0.8229015	0.53517094	0.6286858	0.56988748
0	0	0.16962279	0.06505518	0.02964533	0.04786835	0.12479965
0.294	0.377	4.25791287	4.48280041	4.80484698	4.78351795	4.29453687
0.099	0.119	3.09735224	3.15534191	3.74094517	3.58009301	3.42359993
0.036	0.016	4.62259453	4.87451369	4.54245188	4.6388272	4.65738727
0	0	0.01446629	0.0315274	0.06151506	0.0530373	0.04127952
0.004	0	1.577078	1.99420247	2.46280582	2.12833705	2.24058471
0.052	0.037	3.54675647	3.90570775	3.58101832	3.78453473	3.16025795
0	0	0.3045515	0.94143763	0.38166073	0.3195178	0.97703253
0.004	0	0.13287416	0.11729495	0.09004416	0.10515476	0.16941533
0.444	0.377	4.37827497	4.43129721	5.17425134	5.04558266	4.59769839
0	0	0.02241754	0.02502832	0.01907267	0.00649771	0.07696112
0.083	0.115	2.37928694	2.67025514	3.23095633	3.16252373	2.47281708
0	0	0.11745816	0.01555833	0.06830857	0.01848505	1.00E-04
0.075	0.078	2.38279265	2.56506816	1.96414354	2.39799653	2.55323824
0.052	0.053	3.17745809	3.37006567	3.38239681	3.52494264	2.66525696
0.048	0.041	2.52959209	2.68748055	2.562955	2.50493504	2.70759659
0	0	0.01948339	0.04810628	0.03916066	0.07119533	0.26911437
0.099	0.074	1.96541611	1.94247141	1.81236888	1.96379675	2.17027152
0.222	0.25	4.75022235	4.53308335	4.32376466	4.52120874	4.67230446
0.052	0.041	2.41012337	2.43647988	2.31960797	2.59600248	2.27889432
0.063	0.061	3.22242929	3.28458707	3.28022808	3.32650802	3.04056161
0.028	0.02	1.98602744	1.9423749	2.33844908	2.34299712	1.95768015
0.071	0.07	2.70813064	2.70582462	3.46905315	3.3274446	2.89852661
0.206	0.254	2.16607215	2.11821128	2.04277133	2.22144441	3.02151144
0	0	1.00E-04	1.00E-04	0.00799174	0.00995499	1.00E-04
0	0	1.00E-04	1.00E-04	0.0361782	0.00451765	1.00E-04
0	0	0.15798465	0.15816022	0.1421374	0.25563952	0.03185187
0.012	0	0.50371154	0.70500379	0.83877572	0.92553608	0.51362214
0.075	0.127	2.23958013	2.3401605	2.28453551	2.6924336	2.32001944
0.008	0	0.56744386	0.52792259	0.74341326	0.76832554	0.54519759
0	0	0.92623767	1.06969826	0.61081321	0.77258182	0.95850799
0.028	0.012	3.74151003	3.85832028	4.11273394	4.20595486	3.58197983
0.008	0	0.60672339	0.48784832	0.31346277	0.39011242	0.89370353
0.46	0.471	4.73425008	5.02045104	4.56348018	4.77548086	4.86422481
0.329	0.328	3.96856349	4.14851147	3.58893056	3.89528503	4.07767093
0.004	0	0.91328979	1.08078561	1.19623476	1.1177315	1.06686064
0	0	1.00E-04	1.00E-04	0.00995361	0.0034336	1.00E-04
0	0	1.00E-04	0.0522858	0.03380162	0.04056542	1.00E-04

0.067	0.078	3.20429313	3.42912385	3.44201067	3.5730687	3.58906948
0	0.012	0.36775996	0.55052722	0.44298875	0.46981629	0.27294091
0.024	0.029	1.54675933	1.52633547	1.97181888	1.94563252	1.66889962
0.032	0.016	3.32236376	3.01750495	3.74932393	3.9738132	2.51493026
0	0	1.00E-04	0.00448854	1.00E-04	1.00E-04	1.00E-04
0.083	0.098	2.43695232	2.76988756	2.58351951	2.8289703	2.61932664
0.004	0	0.03936073	0.06245278	0.05679205	0.06951299	1.00E-04
0.071	0.078	2.91371494	2.65295236	3.20131214	3.08111365	1.88498399
0	0	0.23429784	0.09195725	0.08481406	0.19978045	0.03604592
0.032	0.045	2.29463058	2.24633435	3.09759605	2.91828375	2.22584653
0.127	0.135	3.30929366	3.37353937	3.85160632	3.81173111	3.34145581
0.218	0.131	3.10951077	3.1980796	3.08632314	3.14571814	3.23959923
0	0	1.00E-04	0.03433666	0.00459034	0.01688793	1.00E-04
0	0	1.00E-04	0.03483625	0.02497621	0.00516726	1.00E-04
0.099	0.066	0.06267038	0.09101601	0.10974473	0.08725802	1.00E-04
0.008	0.008	0.35323568	0.24867015	0.32965014	0.30408572	1.23909185
0.036	0.045	3.96849685	4.04654578	3.60698967	3.82691229	3.95401978
0.004	0.004	0.41543853	0.65152867	0.217683	0.22836669	0.70851756
0.107	0.123	2.43283131	2.60709178	2.14703416	2.23279435	1.36370718
0.464	0.525	5.0747641	5.13728452	5.12325126	5.14393608	5.19210688
0.012	0.033	0.77586474	0.69926337	0.65776578	0.84413362	0.63590296
0.294	0.27	2.97175985	2.7842401	3.0919584	3.07672504	3.5896382
0.008	0.012	0.67243491	0.54687685	0.48269391	0.55900492	0.77245124
0	0	0.04221503	0.00368157	0.03597306	0.05853698	1.00E-04
0	0	1.00E-04	0.02119612	0.0105266	0.00699553	1.00E-04
0.004	0	1.00E-04	0.0732647	0.03607506	0.09508835	0.12169632
0	0	0.00733839	0.06395418	0.01118507	0.03347677	1.00E-04
0	0	1.00E-04	0.01316441	0.00521807	1.00E-04	1.00E-04
0	0	0.24057521	0.32643247	0.25915135	0.24641503	0.32829856
0.016	0.004	0.63296698	0.47887155	0.48292917	0.58792873	1.4319223
0	0	0.01332288	0.20554562	0.04836713	0.09957719	0.04643402
0	0.004	0.21624777	0.91769493	0.33804047	0.47682044	0.29855109
0.004	0	0.06380669	0.07941948	0.10388216	0.07439859	1.00E-04
0	0	0.20438032	0.20100175	0.17797065	0.34470241	1.06030242
0	0	0.98969404	1.28125753	1.0936743	1.36318959	0.89144034
0.004	0.008	0.04997047	0.08110038	0.06704949	0.08061788	0.13520621
0	0	1.00E-04	0.04194834	0.02288385	0.03654989	1.00E-04
0.004	0.012	0.78227277	0.77857924	0.59632844	0.90147632	1.25661636
0.881	0.832	7.13180312	7.2651112	8.06504174	7.87784504	7.37192593
0	0	1.00E-04	1.00E-04	0.00983345	0.0263666	1.00E-04
0.079	0.066	1.83095254	1.7764374	2.79843893	2.81633103	1.66729679
0.996	0.988	8.36684587	8.29332815	9.15774556	9.20842721	8.7092699
0	0	3.63223106	2.59631091	1.40583229	1.40564426	0.17349396

0.393	0.295	5.93710985	5.63473426	5.3427236	5.3705298	5.3174191
0.075	0.078	2.81649602	2.92716916	2.63666265	2.69668383	2.82498829
0.135	0.143	3.01681643	2.92580196	2.64932693	2.85832239	2.88441603
0.119	0.107	2.30270935	2.55566587	2.98488902	2.80957226	2.59165079
0.044	0.045	1.74339542	1.90916363	2.0601821	2.19824297	1.87804479
0.202	0.176	3.46485727	3.56808003	3.64564002	3.68665684	3.51273593
0.056	0.066	2.067351	2.24762632	1.82480617	2.23701117	1.97306635
0.274	0.275	3.84635865	3.83738204	3.869081	3.95644265	3.81193799
0.27	0.332	3.78141775	3.47853579	3.62821211	3.7424593	4.05315511
0	0	0.20021809	0.0900596	0.12848163	0.27474876	0.24760212
0.024	0.07	2.16072363	2.23327165	3.45204221	2.0117246	3.44640505
0.012	0	1.08930473	0.90746918	0.94562199	1.00724747	1.11956809
0.036	0.045	2.98654491	2.89131713	3.20731255	3.35574369	3.72556952
0.421	0.189	3.89702672	4.86584428	5.49362675	3.66343554	4.66888761
0	0	0.20036134	0.43267495	0.18426516	0.41934291	0.32132346
0.619	0.623	4.02380931	4.20032285	4.17270913	4.30702309	4.72928115
0.032	0.025	2.69111774	2.71584744	2.97944186	3.15176165	2.07978814
0.052	0.057	3.44535625	3.1966187	4.06884339	3.92912113	3.46888999
0.028	0.016	3.60197917	3.93302014	4.09748451	4.03832341	4.59908677
0.155	0.102	2.55764311	2.61058147	2.61909765	2.71118334	3.19850207
0.139	0.057	4.6262135	4.72382958	4.67427187	4.39378538	3.91409428
0	0	0.39451959	0.27095822	0.25947235	0.61553905	1.43587216
0.278	0.221	3.81764172	3.78360759	3.69722626	3.75132893	4.18954593
0.016	0.016	0.20130719	0.2605096	0.19447665	0.18671005	2.52102764
0	0	0.02083546	0.08422959	0.03672882	0.04082867	0.0869705
0.032	0.02	3.60228035	3.698222	4.19658647	4.19481366	3.40298988
0	0	0.04729994	0.13968831	0.06032829	0.06663379	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.016	0.012	2.01532855	1.72079863	2.02613289	2.04394303	2.1936119
0	0.004	0.0966883	0.09319705	0.04018661	0.05283963	0.10618824
0.25	0.336	0.03576326	0.09152916	0.14362949	0.15530228	0.20771277
0.004	0.008	0.64043354	0.71655673	0.4177078	0.44190953	0.6779279
0.087	0.07	3.5071481	3.57879867	3.78532723	3.89623879	3.72484867
0.25	0.262	4.14369886	4.41736219	4.23075861	4.37802035	4.58183297
0.048	0.045	4.77387963	4.9228168	4.53710089	4.79362913	4.72066394
0.087	0.164	0.0270524	0.1675232	0.2034115	0.23667882	0.17510083
0.04	0.061	0.01906359	0.04427973	0.03810673	0.04409392	1.00E-04
0	0.008	0.2235713	0.3432442	0.29189899	0.32512791	0.24296357
0	0.004	0.31114386	0.39350379	0.44444957	0.45893192	0.54825873
0.012	0	0.22983279	0.24526953	0.15629776	0.14815877	1.66356928
0.306	0.43	0.36929569	1.17652219	0.81399384	0.71651537	1.96571995
0.052	0.078	0.07064309	0.04747407	0.06021975	0.10518449	1.00E-04
0.119	0.09	3.40252869	3.38425052	4.16303248	4.04506377	3.54452635

0.103	0.082	4.99990919	4.9207606	5.48312967	5.3471636	5.04865811
0.214	0.18	3.25117363	4.36238774	3.92593472	4.05848809	4.09102086
0.091	0.09	1.05124282	0.48795993	1.22876415	1.19341919	0.80950147
0.004	0	0.08615357	0.11114881	0.10528505	0.12348443	1.15211391
0	0	0.02042843	0.01936548	0.03213431	0.00406938	0.15349593
0.492	0.422	4.26572231	4.10971152	3.91770311	4.17875998	4.38684174
0.258	0.184	4.03527655	4.39130267	3.92094014	4.10404798	4.20028774
0.004	0.004	0.02499109	0.19039856	0.19714572	0.16259022	0.6989342
0.841	0.766	2.40706636	2.71873839	2.25975846	2.19637466	1.93393929
0.131	0.156	2.98361141	2.99166473	3.00295602	3.00071954	3.28071844
0.139	0.127	3.01111858	2.96739652	3.44301204	3.31688706	3.29524691
0.036	0.025	1.50612623	1.54148419	2.06766269	1.92381749	1.71393224
0.016	0.012	0.19581841	0.1799797	0.13960346	0.18777893	0.0494997
0.099	0.148	3.31633154	4.04529767	2.8628179	3.28325566	3.72880234
0.492	0.455	4.86224823	5.0859639	4.2911835	4.45773495	5.00708351
0.004	0.008	0.99666491	0.76429803	0.88786732	1.02491722	0.6811767
0.345	0.295	3.96615867	3.98004634	3.72270493	3.85750672	4.10802335
0.004	0.004	0.49985298	0.69729649	0.39030083	0.42865135	0.72887257
0.02	0.012	0.16464583	0.18924555	0.14883902	0.15641833	0.06363567
0.004	0.004	0.49854197	0.47194816	0.36898026	0.37241725	0.55935591
0	0	1.91677269	1.43042201	1.41807846	1.33981485	0.89793671
0.044	0.09	2.75238934	2.55124655	4.05910761	3.79933685	3.10519889
0	0.004	0.06438346	0.01731097	0.01860739	0.01843636	1.00E-04
0.004	0.012	1.01052522	1.59905674	0.76740006	1.20196466	0.682401
0	0.004	0.02541354	0.08631268	0.04104461	0.06800679	1.00E-04
0	0	0.46790679	0.26376285	0.426405	0.26088142	1.76312442
0.02	0.025	0.65622389	0.38964651	0.49731623	0.41244404	1.7838494
0.294	0.254	4.16836476	4.32683877	3.90056929	4.1538862	4.15993482
0.063	0.061	2.50455989	2.82973979	2.51674248	2.74566233	2.68625309
0.401	0.307	4.59022868	4.74691571	4.32525641	4.49233362	4.5495886
0	0	0.19087335	0.25787791	0.15818219	0.15583083	0.48182919
0.25	0.246	4.27802157	4.50237121	4.12815912	4.32809605	4.83733725
0.536	0.537	4.85564144	5.12279588	4.61630979	4.85955365	4.68011935
0.837	0.857	5.16077071	5.38168287	4.88274784	5.15616659	5.19911874
0.464	0.389	4.23059696	4.25924975	3.71765726	3.91474932	3.29981602
0.004	0	1.50579231	1.43589127	1.52548646	1.46570646	4.08328532
0.004	0	1.42569005	1.50337865	1.49685001	1.61044921	1.3706802
0.052	0.033	5.41070346	5.48658314	5.18054532	5.33156298	5.69657079
0.004	0	0.5130223	0.74741176	0.67004534	0.98453832	0.5654873
0	0.004	0.44477727	0.37477995	0.23713401	0.23311014	0.56444549
0.063	0.066	2.15237182	2.11349137	2.38524259	2.32112855	2.88248759
0.067	0.066	3.18125672	3.02748309	2.69481786	3.001175	3.40538552
0.016	0	1.21078371	1.26404374	1.69031333	1.67983559	1.24153009

0.218	0.209	3.44603067	3.69814824	3.20780793	3.54818958	3.61789566
0.004	0	0.05243486	0.27450452	0.09532931	0.14760887	0.1770237
0.04	0.016	2.62383398	2.50821116	2.61299741	2.74873731	2.82903587
0.143	0.102	3.93197176	3.98712652	4.01296211	4.08185916	3.93000263
0.02	0.025	0.6715176	0.59022367	0.85529331	0.89975388	0.0854275
0.143	0.131	3.58771049	3.7215735	3.2286167	3.55291572	3.68934079
0.52	0.471	4.62722592	4.65243453	5.28789411	5.25023539	4.79177806
0.012	0.008	0.97192578	1.09340229	0.79433163	0.8988191	1.13929862
0.107	0.111	2.72243273	2.70352323	3.51978516	3.48119269	3.17374011
0.04	0.012	1.32212725	1.55554019	1.4397355	1.61753268	1.82518072
0.075	0.066	3.62370682	3.53819934	4.2214237	4.15409778	3.29550991
0.012	0.008	1.58525127	1.8174782	1.81969984	1.82413817	1.31686307
0.135	0.143	3.76802292	3.69347429	4.57757372	4.58580901	4.02695261
0.218	0.201	3.83562545	3.5294929	4.73915602	4.67912641	4.2604142
0.611	0.664	4.4224699	4.30938292	5.48734377	5.26790837	4.65857096
0.119	0.143	3.35760054	3.45328412	3.43337723	3.53223184	3.38043277
0.016	0.029	1.21949399	1.25934313	1.03886616	1.14002499	1.35385168
0.448	0.385	5.59805186	5.67748432	5.46178647	5.50144634	5.57360794
0.183	0.16	3.57660228	3.75649928	3.45385173	3.51858328	3.75391402
0.032	0.025	0.77077947	1.05036864	0.93577786	1.12829602	0.98331046
0.433	0.393	4.30174872	4.19395143	3.9360451	4.11816395	4.42839819
0.091	0.078	2.91933256	3.12933642	2.72655637	2.95562083	2.92245118
0.04	0.037	1.96512809	2.13889063	1.99109382	2.17605501	2.26557203
0	0	0.07823174	0.06313184	0.06615689	0.06721929	0.05939881
0.222	0.258	3.30712844	3.33733361	3.27463768	3.40634318	3.48302808
0.107	0.111	3.25793587	3.45086269	3.4769732	3.49269159	3.24756236
0.087	0.049	2.55350331	2.729005	3.06092826	2.99679331	2.67161621
0.202	0.213	3.87592528	4.0782562	3.97886205	4.09366547	3.91602273
0.071	0.049	2.79605758	2.76551955	2.76653805	2.84249003	2.69283803
0.032	0.016	2.35132859	2.06191775	2.19639949	2.1230906	2.37360077
0.052	0.066	2.21443319	3.048166	2.3783136	2.64373707	2.64688892
0.075	0.041	1.80096087	2.00566001	2.59957313	2.44755383	2.14055008
0.071	0.041	2.68402605	2.82485847	3.27258274	3.2013217	3.35602865
0	0.004	0.11583784	0.14457866	0.27225563	0.28752153	0.17747451
0.81	0.75	1.41440554	1.38755235	1.06413026	1.17601675	3.00944129
0.163	0.234	0.17069465	0.10695882	0.2318014	0.13309782	0.44536281
0	0	0.29705478	0.69161632	0.12206457	0.09396781	0.07039817
0.246	0.152	3.43874759	3.52469192	3.7149094	3.72834381	3.72102238
0.147	0.131	2.48790586	2.62360845	2.67237523	2.81798409	2.67821155
0	0	0.02240927	0.080209	1.00E-04	1.00E-04	1.00E-04
0.29	0.225	4.40803023	4.50818025	4.13879417	4.36152767	4.01537703
0.187	0.18	4.64364806	4.84179805	4.47017257	4.28799845	4.68735019
0.04	0.029	3.14718652	2.97734565	3.49989008	3.55084323	2.90303268

0.194	0.172	3.88691743	3.82991045	4.26443643	4.31288658	3.94372613
0.024	0.016	0.71747159	0.70479503	0.75398877	1.12585678	0.9722367
0.063	0.061	1.96757821	2.03571402	2.06715912	2.23230301	2.30165592
0.004	0.012	1.21830788	1.24312739	1.37526153	1.40797307	1.77971498
0.071	0.061	2.3429102	2.35998346	2.82043159	2.70462665	2.28058514
0.004	0	0.0469538	0.03455527	0.04168154	0.0699534	1.00E-04
0.004	0.008	1.17504699	1.96256851	0.90161666	1.09468634	0.40784894
0.004	0.004	0.22656669	0.29938978	0.20148076	0.27447692	0.33343519
0	0	0.05097967	0.01178483	0.04277926	0.07337078	1.00E-04
0	0	0.0394438	0.1438089	0.14418164	0.18444451	1.00E-04
0.123	0.074	2.74117657	2.75393814	2.64443527	2.89355129	3.31047236
0.012	0.016	1.80387995	1.81776681	1.87069326	2.01052268	2.04499973
0.337	0.332	3.71751744	3.83061505	3.60408209	3.73586577	3.41656728
0	0	0.51885648	0.62323711	0.60345245	0.77302816	0.38047623
0.095	0.086	3.67570917	3.77274998	3.84391279	3.9658399	3.9036044
0.091	0.061	2.76269449	2.72186544	3.34489805	3.41762085	2.77488354
0.111	0.119	3.08703744	2.99032761	3.28244478	3.30168986	3.0784542
0.02	0.02	0.02664488	0.05207672	0.07411597	0.07069515	0.03912104
0	0	0.2066869	0.21915241	0.09943306	0.11982015	0.16331342
0.353	0.283	4.33475775	4.23623563	5.09212517	4.92820535	4.60603764
0.123	0.107	5.00644836	5.20251658	4.74696375	5.07605107	4.87263321
0.091	0.086	2.57005002	2.54943352	2.87007634	2.78193585	2.43193707
0.024	0.008	2.0823221	2.07777479	1.80094357	1.7878349	2.14462275
0.516	0.541	5.75564849	5.61686201	5.80372537	5.87840117	5.90605709
0.258	0.205	4.22661888	4.05673279	4.22977235	4.38717558	4.96717031
0.004	0.004	1.43497824	1.27628836	1.71526077	1.66641564	1.46398153
0	0	0.12451594	0.1902109	0.04278372	0.03470593	0.14006869
0.194	0.131	4.3896909	4.59988872	4.90635749	4.88306096	4.44270198
0.302	0.299	4.21610238	4.17467787	3.90896886	4.07613952	4.36570554
0.04	0.02	4.21611471	4.07516601	3.55790159	3.72827016	3.29011959
0.032	0.016	1.96748993	2.48640699	1.89779164	1.9835726	2.3934629
0.496	0.43	4.54499463	4.49991201	4.63728613	4.64073134	4.60460126
0.063	0.057	2.25452607	2.33488042	2.45581146	2.45266222	2.40263908
0.02	0.008	2.96528385	3.36217842	2.68409097	2.89444099	2.41082174
0.04	0.061	1.62868754	1.74470672	2.10163834	2.17026207	1.55420402
0.028	0.029	1.50219373	1.49022109	1.92389841	1.78612322	1.93043912
0.063	0.074	2.29226378	2.28991244	2.88897649	2.90147479	2.59889071
0.024	0.016	1.39938391	1.56878807	1.75517639	1.69238626	1.33075447
0.024	0.016	1.44436727	1.40258682	1.35794461	1.47391316	3.36410353
0.266	0.242	2.67586204	2.61385634	2.77520218	2.8798058	3.25291371
0.94	0.902	7.13214205	6.5910511	7.88315059	7.73975796	7.54454992
0.008	0.008	0.61728658	0.85911617	0.74313466	0.86306804	1.17375952
0	0.004	0.99170121	1.19236837	1.17139175	1.32570518	1.01309132

0.56	0.504	4.839843	4.94854702	4.79595569	4.9172762	4.97688494
0.54	0.467	4.89406495	5.01029765	4.85556616	4.95653851	5.2929812
0.099	0.135	3.45485581	3.44165868	3.65521211	3.70417905	3.89410649
0	0	0.0495072	0.07411516	0.05339983	0.05437647	1.00E-04
0	0	0.04166238	0.1078853	0.04513434	0.04949034	0.12043186
0.103	0.111	2.8223865	2.93545759	3.48576948	3.391342	2.93740741
0.052	0.045	0.94734152	0.93832633	1.08401742	1.09638861	2.83207968
0.119	0.135	2.2990613	2.41410495	2.13628145	2.24838272	2.77295979
0.214	0.246	3.67718833	4.05673491	3.64377958	3.42170883	4.60855635
0.06	0.045	4.0513563	4.26306008	3.58735123	3.86242355	4.56486984
0.083	0.057	2.01359882	2.49289694	2.06707703	2.26412334	1.92241361
0.54	0.566	1.78583788	1.63463769	1.99242613	2.09839507	2.71772504
0.071	0.107	1.38769566	1.74080157	1.72637544	1.75308214	1.81197903
0.063	0.066	1.08378951	0.82223803	0.93645302	0.96852012	1.20703627
0.095	0.078	2.15549042	2.33611727	2.33355355	2.46047022	2.23506964
0.056	0.082	2.74109529	2.63277655	3.2248705	3.14477038	3.04976656
0.095	0.082	2.82850058	3.2213356	2.87775877	3.06862282	3.0847071
0.02	0.012	2.00987947	2.45458081	2.77615225	2.67370298	1.3392774
0.167	0.16	5.70172955	5.88419119	5.28186802	5.46494148	5.70364141
0.222	0.205	3.44544507	3.46046593	3.39605262	3.55922483	3.567151
0.381	0.422	4.32190603	4.14264146	4.54478165	4.52564698	4.4697035
0.032	0.037	2.43741446	2.67354526	2.03329872	2.11175757	2.72197843
0.198	0.18	4.07951243	4.56278585	3.84809973	4.04202441	4.20976597
0.111	0.111	2.95221111	2.97375035	3.07529199	3.14689261	2.96743746
0.139	0.098	3.27729924	3.19668964	4.07993767	3.98207372	3.43243007
0.452	0.459	4.48160653	4.6757336	4.25245389	4.44961943	4.69395416
0.135	0.07	3.60371759	3.64568406	3.2168334	3.51522078	3.47892043
0.135	0.119	3.14212168	3.42701676	3.1297956	3.19866517	3.40521241
0.135	0.094	2.80614665	2.86321009	2.83488353	2.9712062	2.84806114
0.099	0.148	2.6190606	2.76056794	2.78085219	2.92015261	2.79809907
0.183	0.172	3.3364369	3.45927634	4.0498051	4.03053969	3.64962467
0.115	0.082	3.27031922	3.27257435	3.91472517	3.823041	3.35916603
0	0	1.00E-04	0.00473397	1.00E-04	0.0169281	1.00E-04
0.147	0.184	2.83981248	3.03111753	3.68451088	3.68939138	3.26438996
0.183	0.176	3.92112864	4.08475374	4.78644541	4.8007602	4.35390792
0.095	0.143	2.49584359	2.41564862	3.21303057	3.17645839	2.67087473
0.095	0.107	1.84366945	1.8645399	1.66718945	1.89342054	2.2190969
0.325	0.377	4.21574763	4.39622944	3.895206	4.0566611	4.52546697
0.425	0.393	4.94345755	5.08525057	4.34963954	4.57795146	4.98477213
0	0	0.03873848	0.13954366	0.07426768	0.1037045	1.00E-04
0.167	0.156	2.66095091	2.89942863	2.48289904	2.66840958	3.2964759
0.198	0.09	5.75484368	5.87244369	6.25017586	6.16972956	5.69062537
0.012	0.008	2.35103137	2.79673864	2.4799013	2.34174312	3.98878578

0.008	0	1.19539364	1.78205585	1.25651227	1.25730768	2.92564127
0.02	0.012	0.56650224	0.73397744	0.43835466	0.61662604	1.4577322
0	0	1.87064463	1.46132273	1.90438526	2.13146235	2.04565925
0.552	0.586	1.95807626	1.9934063	1.75496921	2.07512991	4.4621309
0.008	0.008	2.19526247	2.47339042	2.85712378	2.67203948	2.44513588
0	0.004	0.54224291	0.67245766	0.8182167	0.90316622	0.63370625
0	0	0.04299615	0.07164959	0.0062282	1.00E-04	1.00E-04
0.036	0.004	4.90121091	4.77015747	4.30959247	4.40006433	4.06358124
0	0	1.00E-04	1.00E-04	1.00E-04	0.002008	1.00E-04
0.067	0.057	1.7355223	1.8239795	2.36833319	2.36691045	2.07302183
0.044	0.016	3.1185285	3.47493352	3.62194182	3.01839622	3.2662576
0.091	0.115	0.25466185	0.44137016	0.22871719	0.31329391	0.41483253
0.06	0.066	2.45210996	2.57723995	2.57486941	2.51162374	2.63041955
0.012	0	1.50779566	1.79525895	2.08300378	1.97804272	1.37693084
0	0	1.00E-04	0.02398779	0.01728552	0.02020282	1.00E-04
0.06	0.041	1.94612216	1.89758203	1.99989402	2.08949538	2.07257401
0.286	0.25	4.17830938	4.47895157	4.32959974	4.62433385	4.14345441
0.183	0.176	4.0578088	4.62859494	4.10447366	4.29565571	4.03180728
0	0	1.00E-04	0.02127972	0.06816747	0.04981826	0.12739739
0.036	0.057	2.70094144	2.90683045	2.90952188	2.63237675	2.38179237
0	0.016	0.09601657	0.1115277	0.11168567	0.30029829	0.47069596
0.008	0	0.971554	1.03558661	0.60682849	0.8353284	1.34696333
0.032	0.02	1.73098846	2.2281611	1.85430523	1.80050353	1.82166227
0.397	0.328	4.81665719	5.11148418	4.80602679	5.02823021	5.0066269
0.056	0.041	2.0996238	2.13556283	1.72018921	1.94015103	2.23406531
0.282	0.217	3.38600396	3.42986194	3.03140972	3.18390441	3.60155237
0.151	0.135	4.31018052	4.82640052	3.88255351	4.22384001	4.38902793
0.321	0.32	4.50684093	4.63698913	4.16657304	4.34751935	4.72786863
0.171	0.205	3.3301318	3.32007916	3.53102295	3.57351697	3.32980466
0.155	0.164	3.03525887	3.01069154	3.42694685	3.33278048	3.27286387
0	0	0.12568695	0.05760494	0.05785322	0.05326453	1.00E-04
0.012	0.012	1.21976292	1.28707714	1.08492832	1.24546903	1.36401215
0	0	0.09862652	0.07288988	0.03754243	0.07777934	1.00E-04
0.012	0.02	1.49203822	1.40389011	1.6269711	1.77459592	1.51541392
0.417	0.369	4.48299747	4.63736481	4.0750601	4.22558562	4.56705844
0.008	0.004	1.63496432	1.59109135	1.88309371	2.00394242	1.9061347
0	0.004	1.2680044	1.31556287	0.93315627	1.2928887	1.29847185
0.02	0.016	3.10962524	3.04761947	2.70060594	2.73415032	3.0819004
0.111	0.098	2.8390731	3.04664601	2.70899253	2.9679728	3.18262119
0.214	0.234	4.79311845	5.08483732	4.83909149	4.92859621	4.76618419
0.159	0.152	3.45483724	3.45719639	3.4137369	3.50011177	3.55858618
0	0	0.07869974	0.07095527	0.05785589	0.02476251	0.10490025
0.02	0.049	2.02201526	2.18007269	2.02493807	2.2105318	1.9993052

0	0	1.00E-04	0.00667763	0.01248189	0.02739854	1.00E-04
0.337	0.299	4.78028622	5.04283782	4.37902617	4.48503705	4.76023541
0.008	0.012	1.44469369	1.36654348	1.28054525	1.39410938	1.24303772
0.004	0	0.35507494	0.39351075	0.33267305	0.51522726	0.34385336
0.024	0.049	2.22101523	2.57492121	2.64287137	2.62418521	1.95335614
0.119	0.115	3.66304222	4.3512343	3.6720715	3.86630319	3.70778032
0	0	0.00860199	0.03784022	0.04262619	0.04315147	0.04715504
0.123	0.107	2.81639644	2.74897996	2.68353878	2.73006382	2.83467492
0	0.004	0.12742025	0.16664108	0.13802416	0.1465287	1.00E-04
0	0	1.56501712	1.45112369	1.29396941	1.43151369	1.23578554
0.083	0.094	2.321754	2.61723356	2.22993853	2.45328902	2.42156348
0.02	0.016	2.98482195	2.69070181	2.59429741	2.8727107	2.28709923
0.036	0.012	0.29095355	0.46430763	0.49198829	0.61673257	0.79235523
0.024	0.041	1.09161139	1.99722967	1.20062473	1.76116435	1.14924178
0.06	0.041	1.46340889	1.57836088	1.24311711	1.54282565	1.57904633
0	0	0.49548269	0.58521436	0.38727835	0.49300241	0.76020431
0.131	0.123	3.10739856	3.18616991	3.23522587	3.38877614	2.86365694
0.004	0	1.06666739	1.23765649	0.97611815	1.0153951	0.52321846
0.012	0.004	0.43532346	0.43871029	0.35387053	0.48005806	0.72071038
0.016	0.008	1.42880397	1.44721033	1.47084496	1.58502489	1.21960885
0.012	0.004	0.09077149	0.2977021	0.25748209	0.19714445	0.39848327
0.004	0.016	0.04480281	0.07968426	0.08524975	0.12351463	0.27363405
0	0	0.2593701	0.22763335	0.16121457	0.21030398	0.03103739
0.004	0	1.04911957	1.04793659	0.96395172	1.08334438	1.07946287
0	0	1.00E-04	1.00E-04	0.002386	1.00E-04	1.00E-04
0.111	0.127	2.64686435	2.63096219	2.69664278	2.93879077	3.09180609
0.004	0.004	0.34525474	0.47758785	0.11488865	0.15965171	0.4800092
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00180843	0.0014979	1.00E-04
0.258	0.262	5.7020021	5.86334966	5.24920819	5.3793814	5.74250084
0.175	0.168	3.19611127	3.27799246	3.41604318	3.46661377	3.48214076
0.032	0.029	1.93290565	1.90903177	2.05506129	2.03963341	1.91726237
0.214	0.156	3.98833167	3.98756845	3.84070119	3.86242698	4.02677509
0.532	0.484	5.41177416	5.74259724	5.05728758	5.20211655	5.50978616
0.012	0.008	0.5467662	0.49666041	0.66895209	0.72183873	0.68936854
0.139	0.156	3.50842369	3.70661103	3.42608878	3.60268228	3.54201534
0.012	0.008	2.21683255	2.39893793	2.63539597	2.60769012	2.19835349
0.008	0.008	3.8225258	3.38692886	3.11546957	2.93926612	0.99959703
0.524	0.607	4.53560613	4.5007552	5.3046494	5.24087362	4.80538891
0.067	0.086	1.87009339	2.00485925	1.70509791	1.93132012	2.11009011
0.095	0.107	2.99895249	3.019492	2.92149291	3.10238898	3.27635192
0.087	0.078	2.49952613	2.45278888	2.66727316	2.72148594	2.60414027
0.032	0.037	2.1275549	1.93096561	2.31553164	2.37407902	1.8645924

0.214	0.184	3.02493303	3.16580869	3.10647037	3.2850926	3.29342524
0.155	0.16	2.64613467	2.71533343	3.19001982	3.23281979	3.14994966
0.095	0.102	2.87611042	3.14948102	2.75822497	2.95986159	2.62538686
0.29	0.381	4.04106238	4.09138248	5.08344994	4.83180893	4.15411146
0.012	0.012	1.0165849	1.07362599	1.2458805	1.1950908	1.14412448
0.079	0.102	2.22300352	2.29907442	2.14983432	2.32008453	2.24106306
0.135	0.164	3.31797946	3.36452756	3.40915331	3.40545161	3.36646758
0.044	0.049	1.90447241	1.87203259	2.20714693	2.30173963	2.06495155
0.056	0.025	1.79346323	1.99038664	1.9549876	2.07877888	1.67145679
0.024	0.066	2.61701479	2.59197591	2.49109243	2.74384432	2.36619004
0.02	0.02	1.80754999	1.6582872	1.98112739	1.9625573	1.66136353
0.063	0.053	2.38603052	2.33737928	2.74734453	2.78474855	2.5358019
0.024	0.025	1.11159079	1.33233322	1.56414244	1.65261962	1.28306463
0.087	0.053	2.35666171	2.33350578	2.18935663	2.32355662	2.52447261
0.004	0	0.44655187	0.5817425	0.13348481	0.19464739	0.57241569
0.139	0.156	3.14028012	2.93037255	2.83673548	3.05592792	3.20707929
0	0	0.0277295	1.00E-04	0.01884697	0.01564098	1.00E-04
0	0	0.02709569	0.14460238	0.13371487	0.21719526	0.05317596
0	0	1.00E-04	0.03237205	0.00854423	0.03325053	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00426121	1.00E-04
0	0	1.00E-04	1.00E-04	0.00315828	0.00128813	1.00E-04
0	0	0.07034654	0.02182899	0.06183856	0.02921897	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.01485184	1.00E-04
0.008	0	0.15442119	0.31882769	0.28542691	0.27856038	0.16674811
0	0	0.05223666	0.09828369	0.0501903	0.02265754	1.00E-04
0	0	1.00E-04	1.00E-04	0.0057341	0.00584994	1.00E-04
0	0	0.01088346	1.00E-04	0.01925272	0.00402179	1.00E-04
0	0	1.00E-04	0.00528152	1.00E-04	1.00E-04	1.00E-04
0	0	0.03223278	1.00E-04	1.00E-04	0.00167397	0.18761721
0	0	1.00E-04	0.00608099	0.00603014	0.0072131	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00490616	1.00E-04
0	0	1.00E-04	1.00E-04	0.00365953	0.01010324	1.00E-04
0	0	0.06398175	0.08567763	0.097112	0.14815158	0.22275826
0	0	1.00E-04	0.0504714	0.02127317	0.02682532	1.00E-04
0	0	0.00965588	1.00E-04	0.01643013	0.0191676	1.00E-04
0	0	0.02992359	0.0655531	0.07037978	0.06722689	0.03479086
0.004	0.008	0.15930431	0.3706231	0.31660123	0.29879915	0.30516679
0	0.004	0.09716273	0.07982852	0.12060146	0.11084804	0.04927424
0	0	0.02226327	0.07289761	0.05779089	0.04416871	1.00E-04
0	0.004	0.04129085	1.00E-04	0.00893147	0.01096288	1.00E-04
0	0	0.00991302	1.00E-04	0.00582552	0.00345983	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.01839387	0.06713351	0.03900982	0.03113025	0.0501214

0	0	1.00E-04	1.00E-04	0.00865959	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	0.00330595	0.00558969	1.00E-04
0	0	1.00E-04	1.00E-04	0.01821536	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00644396	1.00E-04
0	0	1.00E-04	1.00E-04	0.01119495	0.00373406	1.00E-04
0	0	1.00E-04	0.01371984	0.01184227	0.00218746	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00209552	1.00E-04
0	0	1.00E-04	0.00824893	0.0031966	0.0299991	1.00E-04
0	0	1.00E-04	0.02857456	0.02788834	0.02600874	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00444795	1.00E-04
0	0	0.10596165	0.03198913	0.07131984	0.06404047	0.18509616
0	0	1.00E-04	1.00E-04	1.00E-04	0.00917372	1.00E-04
0	0	0.06975231	0.04011133	0.07285971	0.08278505	0.04444165
0	0	1.00E-04	0.03399896	0.01477741	0.02244068	1.00E-04
0	0	1.00E-04	0.03224476	0.0117537	0.02201112	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00312978	1.00E-04
0	0.016	0.03138541	0.10447159	0.12971788	0.21935223	0.53528414
0	0	0.37819479	0.45937688	0.32828252	0.47603158	1.00E-04
0	0	1.00E-04	0.00271717	0.00665007	0.00759944	1.00E-04
0	0.004	0.28490348	0.08112841	0.26329085	0.19331259	0.38006615
0	0	1.00E-04	0.02999027	0.00996502	0.01759926	0.05664796
0	0	1.00E-04	1.00E-04	0.03073455	0.00091092	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00200866	1.00E-04
0	0	1.00E-04	0.0160269	0.02065177	0.00748615	1.00E-04
0	0	1.00E-04	0.00782572	0.01163995	0.00927623	1.00E-04
0	0.004	0.0863377	0.10497045	0.12519259	0.20771066	0.31401075
0	0	0.07259839	0.00960916	0.04165832	0.02382684	0.26933565
0	0	1.00E-04	1.00E-04	0.01042071	1.00E-04	1.00E-04
0.008	0.008	0.22735071	0.26875779	0.2586575	0.25139662	0.18086194
0	0	0.07048856	0.0426212	0.1073048	0.10067979	1.00E-04
0	0	0.05163228	0.0241587	0.04628832	0.03372538	0.13006113
0	0	0.03411903	0.00547036	0.04266528	0.01323575	1.00E-04
0	0	0.01779715	1.00E-04	0.00965466	0.00239454	1.00E-04
0	0	0.04624929	0.08840183	0.10695058	0.11123723	0.07919782
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.012	0.02	0.77435061	1.17576403	1.35631926	1.08269347	0.83746032
0	0	0.05662969	0.10649192	0.12409983	0.09133849	1.00E-04
0.004	0	0.22520828	0.19512014	0.18412409	0.12874779	0.12458073
0	0	0.05822666	0.00532885	0.03374742	0.01945316	1.00E-04
0	0	0.27704966	0.28872948	0.39382359	0.3752644	0.53997964
0	0	0.21480553	0.24770026	0.22767325	0.20570787	0.36310884
0	0	1.00E-04	0.07403479	0.07206576	0.07134216	1.00E-04
0	0	1.00E-04	1.00E-04	0.00271275	0.02379808	1.00E-04

0.004	0.004	0.38048357	0.55287588	0.76434258	0.55913594	0.64866892
0	0	1.00E-04	0.02691796	0.01435721	0.01591298	1.00E-04
0	0.004	0.13071614	0.15997618	0.08139968	0.14672022	0.04764173
0	0	1.00E-04	1.00E-04	0.00496269	0.00178171	1.00E-04
0	0	1.00E-04	0.03153955	0.03187229	0.00785008	1.00E-04
0	0	1.00E-04	1.00E-04	0.0185672	0.0064914	1.00E-04
0	0	1.00E-04	0.05371333	0.06675553	0.05079623	1.00E-04
0	0	1.00E-04	0.03522023	0.0373258	0.03033912	1.00E-04
0	0	1.00E-04	0.02201465	0.06438878	0.00429688	1.00E-04
0	0	1.00E-04	1.00E-04	0.04262583	0.01366366	1.00E-04
0	0	1.00E-04	0.00408081	0.01323983	1.00E-04	1.00E-04
0	0	0.02436458	0.0230468	0.02173979	0.01512342	1.00E-04
0	0	0.04739401	0.01092812	1.00E-04	0.01324736	1.00E-04
0	0	0.02548247	1.00E-04	1.00E-04	0.00882976	1.00E-04
0	0	1.00E-04	0.0178573	0.0137621	0.00510539	1.00E-04
0	0	0.08383208	0.0379778	0.06387783	0.05035328	1.00E-04
0.004	0.004	0.43086546	0.61416183	0.63759068	0.58046166	0.4133326
0	0	1.00E-04	1.00E-04	0.0101627	0.00235478	1.00E-04
0	0	0.03671477	0.05883291	0.0939814	0.09643759	0.05513446
0	0	1.00E-04	0.00319979	0.01535651	0.03642221	1.00E-04
0	0	0.10379365	0.10988864	0.22869729	0.11483481	0.14305302
0	0	0.01127577	0.00954752	0.02565497	0.00570638	1.00E-04
0	0	0.0598955	0.10048695	0.03742234	0.04674314	0.34727468
0	0	0.08460586	0.12030673	0.18312204	0.1190086	0.24889808
0.004	0.004	0.04299799	0.0812276	0.09623906	0.17682821	0.04504739
0	0	0.08073333	0.00352492	0.01917982	0.01864976	1.00E-04
0	0	1.00E-04	1.00E-04	0.02196327	0.01617853	1.00E-04
0	0	0.01513438	0.0430721	0.05256113	0.0369633	0.25088758
0	0	1.00E-04	1.00E-04	0.00146541	1.00E-04	1.00E-04
0	0	1.00E-04	0.01010788	0.0021376	0.00907368	1.00E-04
0.004	0	1.00E-04	0.03495868	0.03916392	0.05671015	1.00E-04
0	0	1.00E-04	1.00E-04	0.00571306	1.00E-04	1.00E-04
0.004	0	1.00E-04	0.00811559	0.01704288	0.01488774	1.00E-04
0	0	1.00E-04	1.00E-04	0.02288967	0.0202132	1.00E-04
0	0	1.00E-04	1.00E-04	0.00399683	0.00780699	1.00E-04
0	0	1.00E-04	0.01879774	0.01106754	0.01620148	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	0.00417895	0.02545192	0.01670903	1.00E-04
0	0	1.00E-04	0.04759336	0.04055727	0.01681443	1.00E-04
0	0.004	0.01681678	0.04624412	0.10223252	0.07884099	1.00E-04
0	0	0.02518486	1.00E-04	0.00519157	0.04697667	0.03972934
0	0	1.00E-04	1.00E-04	0.01222029	0.00415363	1.00E-04
0.012	0.004	0.1084364	0.18242211	0.18396107	0.171717	0.18300275

0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00280427	0.0686749
0	0	1.00E-04	0.0786927	0.06374425	0.07524013	1.00E-04
0.008	0	0.19223669	0.25769003	0.28002278	0.34575823	0.27922329
0	0	0.11545205	0.02365881	0.07862967	0.08561713	0.16167251
0	0	1.00E-04	0.02774533	0.01486923	0.011947	1.00E-04
0	0	1.00E-04	1.00E-04	0.0027895	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00642654	1.00E-04
0	0	1.00E-04	1.00E-04	0.00334378	1.00E-04	1.00E-04
0	0	1.00E-04	0.01075685	0.03199425	0.02413158	1.00E-04
0	0	1.00E-04	0.01123841	0.01436013	0.01222814	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.17724166	0.06243772	0.04646508	0.03065181	0.15879905
0	0	0.01663181	0.12989898	0.13203394	0.06962197	0.32837159
0	0.008	0.11865108	0.10835419	0.17095743	0.14996241	0.20321054
0	0	0.14406351	0.07276562	0.12617464	0.09615201	0.11601451
0	0	0.50601392	0.22991477	0.12131249	0.20206559	1.13552205
0	0	0.58514024	0.17105571	0.24758162	0.26510104	0.4571745
0	0	0.03393035	0.04745928	0.03029206	0.02250633	0.17981065
0	0.008	0.31692857	0.32670644	0.34499626	0.36557853	0.53802354
0	0	1.00E-04	1.00E-04	0.00485485	1.00E-04	1.00E-04
0	0	0.15994315	0.09658714	0.11000297	0.10978645	0.12242224
0	0	1.00E-04	0.01492675	0.00889189	1.00E-04	1.00E-04
0	0	0.02729072	1.00E-04	0.01138609	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00398557	1.00E-04
0	0	1.00E-04	1.00E-04	0.01476629	1.00E-04	1.00E-04
0	0	1.00E-04	0.00626321	0.07033844	0.03905556	1.00E-04
0	0	0.06153498	0.01751107	0.02180127	0.01764884	0.05077195
0	0	0.01521206	0.03763121	0.03865884	0.03109506	1.00E-04
0	0	0.0915424	0.04307659	0.14388873	0.04498624	0.14710803
0	0.004	0.03786275	0.00490142	0.03943597	0.0341125	1.00E-04
0	0.004	0.02594326	0.06275308	0.16678463	0.08781083	0.11332126
0.004	0	1.00E-04	0.0241324	0.0690725	0.04271585	1.00E-04
0	0	1.00E-04	0.02407402	0.05202785	0.03093928	1.00E-04
0	0.004	0.0737544	0.04660867	0.10165872	0.1130795	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00987727	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00188497	1.00E-04
0	0	0.00746786	1.00E-04	0.0054766	1.00E-04	0.07840388
0	0	1.00E-04	1.00E-04	0.00731535	0.01857561	1.00E-04
0	0	1.00E-04	0.00822178	0.04375581	0.06799828	1.00E-04
0	0	0.03016992	0.01677445	0.01197065	0.0012286	0.22040295
0	0	1.00E-04	1.00E-04	0.00171299	0.00148703	1.00E-04

0	0	1.00E-04	1.00E-04	0.00995541	0.02411657	1.00E-04
0	0	1.00E-04	0.017232	1.00E-04	0.00726784	1.00E-04
0	0	0.01758272	0.0206172	0.00723002	0.00578497	0.1314661
0.083	0.09	2.67343981	2.8174244	3.05522318	3.13317495	2.996782
0	0	1.00E-04	1.00E-04	0.01162265	1.00E-04	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.0043622	1.00E-04
0	0.004	0.28348905	0.43166804	0.26042031	0.17640247	0.16015071
0	0	1.00E-04	1.00E-04	0.00857689	0.01830715	1.00E-04
0	0.004	0.04829636	0.0343542	0.06889329	0.07534971	1.00E-04
0.004	0	1.00E-04	0.00228194	0.00430909	0.00608581	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00303099	1.00E-04
0.004	0	1.00E-04	0.03077333	0.01353821	0.01312212	1.00E-04
0	0	0.03229277	0.01551226	0.01937127	0.03375261	1.00E-04
0.004	0	1.00E-04	0.0756311	0.04201495	0.04021341	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00750215	1.00E-04
0	0	0.06263649	0.09284494	0.11951912	0.1394163	0.21882836
0	0	1.00E-04	1.00E-04	0.01636199	0.00207689	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00842299	1.00E-04
0	0	0.01100307	0.0161659	0.0889139	0.01023285	1.00E-04
0	0	1.00E-04	1.00E-04	1.00E-04	0.00322529	1.00E-04
0	0.004	1.00E-04	0.02457929	0.02500816	0.01437131	1.00E-04
0.167	0.148	2.7790889	2.82207977	2.82215583	2.94107637	2.73677426
0	0	0.01862689	0.06721093	0.09570054	0.13840096	1.00E-04
0	0.004	0.02644755	0.03767367	0.04429985	0.06141703	1.00E-04
0.139	0.078	2.3490469	2.36892432	1.93272318	2.20055859	2.88398789
0.008	0.004	0.04274752	0.12880258	0.07642776	0.10414246	0.04209384
0	0.008	0.13475522	0.28802952	0.28272309	0.27469761	0.41360714
0.472	0.414	4.55248453	5.01104163	4.26933745	4.47958548	4.60199277
0.004	0	0.50764976	0.67200019	0.49604716	0.56561202	0.42306644
0	0	1.00E-04	0.01109688	0.0055128	0.00878809	1.00E-04
0	0	0.14449445	0.2886982	0.17136623	0.22339339	2.06384961
0	0	0.1137841	0.06648021	0.0274814	0.03428841	1.00E-04
0.004	0.004	0.6170297	1.68973207	1.03968906	1.27325324	0.37828829
0.012	0.016	3.53789818	3.80670412	3.56998353	3.66479586	4.3209739
0	0.012	1.04345873	1.17558635	1.19013357	1.14758232	1.1306271
0.008	0.008	2.53974593	2.6236646	2.25900326	2.47087606	2.11659018
0	0	0.05029953	0.12280531	0.12935946	0.09370629	0.03409116
0.02	0.016	4.31156209	4.37247335	3.92424948	4.11578942	3.91855929
0.579	0.52	4.98633078	5.2220565	4.731833	4.84250211	5.2049277
0.004	0	0.06570439	0.04392786	0.03276462	0.02601486	0.20351978
0.433	0.516	6.14221805	6.29149677	5.63219855	5.66662615	6.44401357
0.008	0.004	0.73564248	0.88853513	1.10426061	1.04988896	0.94277276
0	0	1.02142644	1.10461689	0.8986339	1.00142639	1.6121864

0.31	0.295	4.96077441	4.89135468	5.36900174	5.42191197	4.87541987
0	0	0.14315368	0.17668975	0.13092039	0.14146432	0.25389471
0.024	0.012	2.70374017	2.56184096	2.98457291	3.12301902	2.47263613
0	0	0.1304233	0.1649739	0.08171758	0.10349612	0.03453751
0	0	1.00E-04	1.00E-04	1.00E-04	0.00409507	1.00E-04
0.258	0.266	4.20861532	4.24034231	3.76629137	4.00139421	4.21019112
0.036	0.057	1.7590731	1.93150044	1.52221016	1.79670672	1.86522223
0.04	0.053	2.34511031	2.36562826	2.57268468	2.69327604	2.46232671
0.02	0.02	1.1273865	1.49961929	1.9191813	1.64528645	1.13160009
0.012	0.02	3.19233207	3.69859494	3.34553868	3.74946745	1.54887886
0.131	0.082	2.73883014	2.78507656	2.50595537	2.70076385	2.74985175
0.06	0.119	2.66740933	2.77076005	2.80118809	2.94463755	2.96279554
0.317	0.311	4.0407411	3.87994705	3.63885411	3.75030061	4.15274328
0.286	0.279	4.44168799	4.76423051	4.17423109	4.39754121	4.64573645
0.472	0.451	4.09864428	4.08724689	4.15961509	4.29372111	4.26149168
0.123	0.127	2.45292868	2.54945069	2.99787238	3.0788043	2.81163711
0.048	0.045	1.44769607	1.54664543	1.55047961	1.79005016	1.5630803
0.187	0.086	3.68766278	3.7223303	3.30808712	3.60295976	3.35639399
0.048	0.057	2.52943866	2.42248689	2.9864176	2.90596215	2.66891554
0.333	0.299	1.92640864	1.91966943	2.02384164	2.00053794	2.18752492
0.052	0.066	2.85309252	2.80129693	3.33639442	3.24368858	2.81821927
0.302	0.279	4.15944334	4.31242919	4.14767139	4.27538671	4.24434923
0.087	0.119	2.91334539	3.04551199	2.47117916	2.90689853	2.91065743
0	0	0.00962782	0.05449569	0.0479198	0.06411483	0.06483355
0	0	0.13372946	0.08061352	0.2387458	0.22507007	0.09301768
0	0.004	0.26269762	0.37881244	0.28409727	0.23630429	0.36401136
0.099	0.115	2.59146362	2.72724504	2.45564059	2.54681628	2.50969111
0.02	0.008	0.66054156	0.8108529	0.55015719	0.64599053	0.91765695
0	0	0.07987629	0.03490898	0.03012164	0.05163322	0.03603092
0.008	0.008	2.06474175	2.65274657	2.43338702	2.56070504	1.74533139
0	0	0.04463407	0.07374714	0.04833129	0.05214784	0.18358677
0	0	0.19843054	0.14394102	0.16855537	0.17491878	1.00E-04
0.111	0.102	2.52042404	2.42902603	2.7142397	2.80320513	2.72153339
0.099	0.148	2.63040622	2.51770824	2.12309531	2.34837294	2.73181761
0.187	0.143	3.27364742	3.21994481	3.46674239	3.5895818	3.21581557
0	0	0.17709598	0.40003518	0.29308988	0.40047531	0.12854149
0.067	0.025	1.16057394	1.79078861	1.49315582	1.38637421	0.04820561
0	0	0.18309243	0.16184312	0.30007284	0.34312961	1.00E-04
0	0	1.00E-04	0.07704502	0.03048465	0.04137222	1.00E-04
0	0.008	0.34005997	0.62406475	0.44298747	0.65923908	0.04768275
0.036	0.045	0.24666621	0.44081133	0.24704568	0.35650172	0.95677133
0.179	0.213	5.42413253	5.52795171	5.17174905	5.36681547	5.16727315
0.016	0	0.5879927	0.95376443	0.65363444	0.60930435	0.95940807

0	0	0.01457273	0.04306623	0.06675435	0.05329649	1.00E-04
0.016	0.016	1.85975984	1.94838637	2.05959865	2.15199095	1.7570961
0.004	0.004	0.78091952	0.61216556	0.69895696	0.79724592	2.91386892
0.008	0.02	0.70395811	0.72582146	0.58826379	0.57625224	0.28842846
0.083	0.127	0.77692026	0.52434274	0.51850658	0.52181363	0.05626356
0.091	0.094	1.72365779	2.02408098	1.99931879	1.97327702	2.77286337
0.095	0.102	2.84943018	2.89833926	3.33752793	3.34381318	2.9571668
0.091	0.111	0.04750119	0.11185718	0.17918388	0.20924199	0.5944285
0.004	0.037	0.38530625	0.44845616	0.55036605	0.56374981	3.29406809
0.075	0.066	2.79788233	3.08238772	3.76899357	3.56556832	2.99120774
0.258	0.266	0.46334361	0.83908373	0.69343055	0.72997852	1.52188503
0.024	0.004	0.81488138	1.26305395	0.88509582	0.89802144	0.25890216
0	0	0.11013846	0.1425101	0.15652573	0.1233217	0.33734251
0	0	0.18549458	0.09434468	0.0332432	0.09051883	0.02867925
0.008	0	1.07743584	1.1388176	0.53155281	0.75708215	0.40589805
0.385	0.373	5.78076059	5.51888182	6.62199025	6.60717768	5.98217377
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.123	0.111	3.25158497	3.81278057	3.19804863	3.48389325	3.76056479
0.187	0.197	2.99943496	2.86796752	3.3150999	3.31831431	2.92454905
0.067	0.078	2.15682032	2.17424877	2.06924719	2.18310104	2.70412449
0.04	0.037	1.59280866	1.3867522	1.52927398	1.50946549	1.93308804
0.075	0.115	3.54176739	3.86404378	3.72044541	3.88127529	3.68303888
0	0	0.01527198	1.00E-04	0.00751752	0.01902709	1.00E-04
0.056	0.057	2.44317099	2.38398218	2.46437532	2.59674524	2.78136051
0.091	0.066	2.34707836	2.14877749	2.65868881	2.60070418	2.5057357
0.079	0.066	2.18602591	2.40640044	2.97834348	2.94520267	2.45304539
0.107	0.102	2.37531935	2.49562428	2.90100926	2.79974485	2.52868683
0	0	1.00E-04	0.01751996	0.0802932	0.04609786	1.00E-04
0	0	0.18154512	0.19864544	0.15162041	0.21944321	0.10124598
0.02	0.004	0.57711506	0.52955364	0.44454171	0.59965225	0.51700404
0.004	0	0.13195566	0.15850791	0.28430651	0.30885802	0.12540867
0.02	0.012	1.9094107	1.9106849	2.43769908	2.53503637	2.27937118
0.083	0.037	2.5267808	2.66481687	3.11227439	3.078418	2.58525069
0.004	0	0.98026253	1.12472563	1.03738161	1.38175703	0.91272279
0.095	0.061	2.12058455	2.08273246	2.04471186	2.27579803	2.34683851
0.115	0.102	1.66707756	1.76465675	1.76775481	2.21561473	1.82357489
0	0	0.44159171	0.33236777	0.3193212	0.37908139	0.2937034
0.25	0.184	3.88727597	4.23640855	3.57067855	3.68258778	4.07136416
0.274	0.234	3.71713125	3.69550653	3.85921533	3.86142848	3.82014883
0.06	0.053	2.54838446	2.43581404	2.41104798	2.70966377	2.35022472
0.365	0.402	4.21260335	4.2747081	3.83424856	4.04957108	4.12509319
0.258	0.295	3.41975384	3.32148667	3.28975231	3.43834904	3.51654939
0.008	0	0.46369138	0.6663186	0.51477065	0.55023309	0.47893554

0.476	0.48	4.74622957	5.00651574	4.43247789	4.61065848	4.93273956
0.444	0.389	3.93529748	4.02885409	3.79046702	3.98075959	4.07484972
0.056	0.045	2.51980286	2.82133993	2.54738078	2.65182941	3.01216156
0.024	0.07	1.51760845	1.67514441	1.31434713	1.68573218	1.57075818
0	0	1.58972308	1.24716769	1.1948225	1.21629774	1.00980819
0.032	0.045	2.51702628	2.92773098	2.37049128	2.66421813	2.67427495
0.06	0.029	0.6167851	0.78782283	0.75872726	0.81356948	1.2195652
0.016	0.041	0.00748458	0.10330921	0.02101493	0.04555363	0.19587394
0.012	0.02	1.124376	1.36129133	1.01943771	1.1181887	1.15624363
0.004	0.008	0.64819135	0.81913355	0.48085268	0.54640461	0.67909154
0.218	0.189	3.85696574	4.06487547	3.56103353	3.74472279	3.82748366
0.202	0.189	1.7853986	1.74550781	1.54825418	1.97768828	2.40295004
0	0.008	0.33897457	0.92753206	0.24848208	0.38506648	0.76685754
0.302	0.262	5.35081727	5.26359886	5.15179619	5.25051746	4.51872645
0.008	0.012	0.68085928	0.68423975	0.89598288	0.97445365	0.92276589
0.004	0.004	0.67062435	0.62994094	0.76381442	0.97830083	0.40707469
0.079	0.094	2.50783258	2.48270524	2.46339449	2.67225596	2.71265081
0.099	0.094	2.33659058	2.36261804	2.69614127	2.72324543	2.60924184
0.147	0.156	3.06864628	3.21414777	2.9370715	3.03032484	3.04422879
0	0	0.0094047	0.28629769	0.10067237	0.12908122	1.00E-04
0	0	0.75951449	0.77503674	0.41232186	0.44295223	0.41567063
0.357	0.332	4.47938409	4.45618891	4.34872189	4.50478097	4.45580318
0.079	0.131	1.99843127	2.04268059	2.17602594	2.31178248	1.63004307
0.008	0	0.33627564	0.74296296	0.33790207	0.36610438	0.31568205
0.325	0.352	5.58046071	5.81806457	5.28589152	5.47068125	5.06515715
0.738	0.619	5.44098767	5.49786666	5.14329499	5.09145784	4.95588533
0.056	0.033	2.32254516	2.28941225	2.32055675	2.51477251	2.13562941
0.079	0.086	1.87936445	2.04165639	2.37110245	2.41039325	2.09314653
0.016	0	0.28770494	0.54574518	0.26436313	0.28922153	0.16528393
0.29	0.291	5.54160499	5.44535899	4.83744609	4.92687841	5.59408775
0.087	0.148	5.25821529	5.43267115	5.01123305	5.1130341	4.4185508
0.008	0.033	2.35742283	2.41467948	2.27657672	2.53505909	1.81416384
0.016	0	0.08548111	0.27761658	0.14623837	0.19177687	0.13467952
0	0	0.14399602	0.04453828	0.05469053	0.01681355	0.17259925
0.036	0.041	1.72276201	1.87332027	1.9023998	1.93916982	1.8041031
0.262	0.246	3.44176243	3.56082565	3.56523772	3.73421299	3.45260706
0.04	0.029	2.78026788	2.76087146	2.72877197	2.89220034	2.75375543
0.099	0.127	3.03241985	3.13683356	2.86152289	3.00931696	3.07229869
0.095	0.066	2.0785546	2.10597357	2.33208322	2.41303211	1.98471921
0.012	0.016	0.63805438	0.56513662	0.55881207	0.7380039	1.15661844
0.071	0.041	3.8083521	3.72946191	3.72883493	3.57049014	3.56319342
0.04	0.025	1.80735428	2.08933221	2.02299957	2.11140243	1.92301505
0.087	0.086	3.02254161	2.99233595	3.63367787	3.51101778	2.6123577

0.119	0.102	3.13793733	3.28870461	2.70909157	2.81409597	3.07955555
0.032	0.02	2.40415653	2.26055395	2.68065912	2.78141295	2.28705753
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.095	0.123	2.98230056	3.14068321	2.65670835	2.94200778	3.11098091
0.063	0.053	2.43488372	2.6538989	2.33672034	2.49022474	2.52480947
0.202	0.197	4.40989128	4.61616445	3.88501559	4.03972387	4.19516554
0	0	0.23148611	0.31123792	0.22378235	0.21414025	0.24459507
0.071	0.082	0.42385292	0.71822035	0.31515632	0.35579366	1.19656059
0	0	1.00E-04	0.01881508	0.02732076	0.00268214	1.00E-04
0.004	0.016	0.78747386	0.65013565	0.6163774	0.80531269	0.60356722
0.008	0.025	1.02201518	0.86894728	0.7738765	0.90938563	0.86075381
0.012	0.025	1.00E-04	0.03732714	0.0060583	0.00771638	1.00E-04
0.028	0.012	1.29160015	1.29422605	1.19061847	1.3361964	1.49003694
0	0	0.05198175	0.10161385	0.09796192	0.11584891	0.0676944
0.008	0.012	1.21843272	1.16399367	1.13501445	1.14505513	2.67133021
0.048	0.057	1.94788694	2.04104876	2.04032051	2.06484158	3.0053338
0.036	0.053	0.0391487	0.34489532	0.20264949	0.1861507	0.58396835
0.218	0.209	3.46026969	3.45150724	3.7541579	3.55723943	3.82965865
0.52	0.418	5.54316596	5.42526032	6.38913631	6.17079248	5.75959099
0	0	1.00E-04	0.01041316	0.00195728	0.02221353	1.00E-04
0.123	0.164	0.16685144	0.48291068	0.49046938	0.41336511	1.16861027
0.008	0.008	0.19704659	0.37798214	0.20217845	0.27467667	0.17957753
0.286	0.27	4.22547105	4.07304986	5.00838809	4.84908141	4.54220126
0.004	0.004	0.34456194	0.4417079	0.41135912	0.61863922	0.5923915
0.008	0	0.09070695	0.01747303	0.06849953	0.07249887	0.06720643
0	0	1.00E-04	0.01654075	1.00E-04	1.00E-04	1.00E-04
0.218	0.111	3.1672405	3.14399379	3.67782793	3.40127199	3.60413914
0.063	0.033	4.61069883	4.4598751	4.6163659	4.70622275	4.77641853
0.056	0.041	1.92407122	2.06015658	2.05042818	2.17811333	1.95416833
0.032	0.041	1.34334182	1.32987993	1.30297956	1.38358716	1.14148866
0.04	0.029	1.48353575	1.61739551	2.10678722	2.08242893	1.88030086
0.155	0.164	3.35220455	3.33146486	3.44290962	3.51534915	3.66669312
0.198	0.172	3.67187089	3.78732633	3.24278346	3.44894157	3.7223488
0.071	0.074	2.50485413	2.6523093	2.50633241	2.68716221	2.34658818
0.063	0.102	1.78082052	1.7942356	1.72956698	1.99154147	1.8555253
0.036	0.078	2.0134228	2.03232568	1.94916109	2.08090841	2.09189821
0.143	0.18	3.48545221	3.39857122	4.26868386	4.15569184	3.72218209
0.04	0.033	2.25515749	2.37621103	2.11454743	2.26744481	2.48990028
0	0	1.00E-04	0.03715439	0.01080735	0.00288791	1.00E-04
0.028	0.016	2.16595967	2.61112603	3.5038555	2.38275027	2.90273387
0.04	0.02	0.8119973	1.14048279	0.89569183	0.94189857	1.06843121
0.468	0.41	5.79423653	6.02861935	5.50660944	5.6206185	5.66937359
0	0.004	0.69834199	0.631401	1.35152572	1.36908478	0.992213

0.067	0.045	1.88805785	2.03691404	2.49599942	2.47475876	2.04210062
0.087	0.082	4.80611457	4.74268523	4.26578986	4.35582945	3.95313901
0.032	0.033	1.18288296	1.24664693	1.39561139	1.49007765	1.50943851
0.476	0.484	4.41587033	4.58344949	4.06110871	4.33307774	4.70743781
0.397	0.402	4.60334623	4.7654659	4.45298801	4.60261319	4.85433654
0.028	0.008	0.54021075	0.71030584	0.73901995	0.81789641	0.95849835
0.179	0.238	3.40603132	3.61204653	3.50866161	3.69368852	3.39252432
0.083	0.057	2.62056176	2.6048719	2.3898019	2.49928894	2.73481371
0	0.004	1.00E-04	1.00E-04	0.03229716	0.00891135	0.06123773
0.008	0	1.45177872	1.70259722	1.58230386	1.65044671	1.34713104
0.099	0.135	2.35443031	2.57753987	2.96345303	2.96960237	2.59625662
0.016	0.025	1.50870403	1.39113005	1.35097465	1.54126424	1.73470917
0.032	0	2.86260474	2.97088249	2.98731997	3.04082372	2.2009187
0.556	0.508	0.3633138	0.82867189	0.42609909	0.49680498	1.0527678
0.143	0.156	3.46405538	3.51775639	3.53685707	3.71744273	3.58895001
0.004	0.004	0.12061057	0.2266125	0.14414312	0.23337266	0.03841779
0.234	0.213	3.35547867	3.50099742	3.2997985	3.43632045	3.53888577
0.619	0.545	6.53151011	6.56743492	7.20649421	7.24835055	6.6042844
0.135	0.139	3.21210428	3.19732791	3.90787191	3.90218294	3.49491896
0.202	0.176	4.44200199	4.36338298	3.99009724	4.26951767	4.21500482
0.111	0.168	3.35402668	3.42536802	3.59613015	3.60920203	3.28697401
0.175	0.184	2.82752162	2.92301059	3.27349263	3.23488379	3.02054682
0.06	0.086	4.43131587	4.46024781	3.92746267	4.27478791	4.11662871
0.103	0.066	3.65736655	3.5082972	4.46319183	4.44300808	3.66555297
0	0	0.56442958	0.67713039	0.27417274	0.18851388	0.79906018
0.071	0.049	2.21472183	2.11941628	2.26953935	2.32303613	2.15134858
0	0	0.07847829	0.13311605	0.07991127	0.1471757	0.09684189
0.095	0.131	2.71429588	2.69799638	3.27558976	3.22486148	2.84551849
0.766	0.803	6.44624334	6.2875326	6.8116182	6.62303473	6.55793639
0.222	0.209	3.8061397	3.94388531	4.37478995	4.32733449	4.10357913
0.27	0.275	3.53220772	3.55783065	4.28421993	4.3015976	3.7940192
0.071	0.078	2.11235967	2.1450718	2.293041	2.38288183	2.2219789
0.222	0.254	4.46526726	4.63150106	4.69278957	4.56659498	4.63193187
0.083	0.098	2.5789923	2.72307746	2.61072064	2.80186663	2.55204915
0.012	0.02	0.70569261	0.62301767	0.35053102	0.43940906	0.57491434
0.123	0.111	3.22725177	3.42662468	3.37165093	3.4585486	3.38834824
0.02	0.004	1.38556576	1.57894002	2.29759336	2.22579138	1.88638347
0	0	0.12250848	0.05255026	0.06685804	0.04787471	0.06573233
0	0	0.1829159	0.0847947	0.14808576	0.18464735	1.00E-04
0.464	0.443	5.58811546	5.23036224	6.52130853	6.2303079	6.22059632
0.02	0.012	1.45299177	1.72530149	1.81460157	1.93989825	1.7685686
0.056	0.041	1.86086657	1.93896713	2.13125884	2.19530037	1.83385302
0.087	0.111	2.81725928	3.12075774	3.07067787	2.87206583	3.03166279

0.44	0.418	4.3486912	4.42669382	4.61802855	4.60762298	4.75252768
0	0.012	0.21182933	0.35765109	0.35237505	0.40197384	0.52453537
0.095	0.135	3.13050003	2.96108437	3.04633408	3.06770775	3.30143381
0.409	0.377	4.32647844	4.3393999	4.26551584	4.42116298	4.49217926
0	0.004	2.57649121	2.79239889	2.10461844	2.41962152	1.84489385
0.083	0.066	3.63752117	3.82684608	4.20947372	3.75622981	3.54109616
0.008	0.004	2.41117724	2.56467352	2.75099416	2.86568168	2.32784387
0.135	0.119	3.49771579	3.37413665	3.58392441	3.61506289	3.73434581
0.278	0.287	3.78241825	3.81672343	3.84031933	3.99615121	3.86940231
0.214	0.18	3.38693095	3.44076435	3.24238506	3.52182236	3.43315401
0.067	0.061	2.70532999	2.74352195	3.01210439	3.00043184	2.93964321
0.778	0.824	6.00180817	5.85063748	7.08974368	6.9042585	6.49790909
0.294	0.201	4.29212738	4.53973881	4.06044792	4.24022316	4.30400309
0.071	0.123	1.75760417	2.23597103	2.18564825	2.24240786	2.01322914
0.079	0.066	3.09926537	2.95596808	3.65635151	3.56088622	3.3053528
0.671	0.619	4.68148548	4.9867609	4.49938334	4.50013116	5.25128045
0.052	0.057	1.95054603	2.4117998	2.31656906	2.35628219	2.17758883
0.202	0.201	2.79586269	2.97143214	3.28536353	3.16783673	3.45881908
0.31	0.25	4.3072636	4.5739852	4.05444681	4.24235431	4.38228616
0.016	0.025	1.27169038	1.62781362	1.34407981	1.48057681	1.46552776
0.274	0.254	5.04024544	5.25049344	4.80436688	4.98820681	4.98169187
0.21	0.254	3.85989918	3.92318117	3.71820474	3.84698714	3.87828245
0.254	0.262	0.33059889	0.49951111	0.39567435	0.44394399	0.71388265
0.595	0.615	5.38048859	5.41286911	5.38846873	5.42219492	5.37825005
0.762	0.684	6.91321249	6.84428655	7.66685798	7.44964066	6.88947321
0.722	0.746	5.64507092	5.87953431	6.24186692	6.06115701	6.03891891
0	0	1.00E-04	0.169654	0.02558694	0.03770278	0.1642368
0.091	0.098	3.83378489	3.96201874	3.9792204	3.94473548	3.79236847
0.44	0.455	4.44250506	4.5912349	4.92585307	4.91786102	4.55130314
0	0.004	0.06632104	0.05500037	0.12223984	0.10751025	0.54231363
0.107	0.09	2.92072407	2.96077091	3.06550786	3.01235038	3.41769163
0.623	0.639	4.82401448	5.10935872	4.91330365	5.04972938	5.00007524
0.667	0.627	5.65500846	5.87818008	6.0894466	5.92992298	5.8665058
0.056	0.102	3.05959808	2.97078134	3.38964485	3.34622626	3.00719451
0.302	0.32	4.08256556	4.1956291	3.84357491	3.99072729	4.33305193
0.214	0.213	6.78325129	7.03908225	6.4231478	6.41614901	6.67090295
0.135	0.131	2.92717662	3.50208815	3.09946208	3.05100598	3.30822216
0.29	0.295	4.16658371	4.20977548	4.23676184	4.20134761	4.26561196
0.44	0.418	4.92267609	5.00868012	4.54391744	4.72578966	4.78498237
0.202	0.221	3.49744657	3.51415444	3.4317378	3.58816311	3.61673822
0.528	0.443	4.8707366	5.08174698	4.58950892	4.79793341	4.87582763
0.385	0.373	3.91066662	3.87085769	4.52494462	4.47688999	4.1669174
0.163	0.262	3.64804042	3.80026898	4.0066207	3.93023506	3.93317667

0.151	0.107	3.12632204	3.06000707	3.03041872	3.16353499	3.48728146
0.484	0.504	5.0215681	5.20853701	4.87013327	4.99945097	5.0498579
0.294	0.23	4.14512851	4.40979435	4.42421702	4.5202594	4.27112891
0	0	0.02127549	0.10261101	0.13855623	0.1165901	0.11594049
0.171	0.197	2.8429582	3.90595397	3.41737641	3.4542655	2.96890912
0.103	0.115	2.61704737	2.67958562	3.32921199	3.24533179	2.89464032
0.294	0.246	4.20472261	4.27384947	4.22681201	4.29311819	4.28467148
0.115	0.107	3.06344496	3.52138831	2.98611153	3.05313432	3.31861486
0.159	0.09	3.2723505	3.22989318	3.34691171	3.26228417	3.35785774
0.222	0.189	2.59497554	2.59216475	2.35531189	2.62125861	3.78651322
0	0	0.03688671	0.04751216	0.02294338	0.04657162	1.00E-04
0	0	1.89575758	2.00298745	2.03094546	1.67447457	1.00E-04
0.345	0.447	4.7975842	5.02643941	4.75441638	4.87690007	4.82459593
0.143	0.111	3.0916778	3.03345052	3.61090374	3.47357684	3.49553196
0.008	0.016	0.65739893	0.6635183	1.08438366	0.95109494	0.57980939
0	0	0.07415983	0.04909421	0.01108391	0.01562295	1.00E-04
0.294	0.324	4.01647249	3.95611742	4.19049155	4.21237009	4.20615694
0.214	0.156	3.54682535	3.53198183	3.60942445	3.73298452	3.78727919
0.341	0.27	4.61171777	4.76182664	4.42111743	4.65639013	4.8351613
0.151	0.127	3.14326975	3.23490955	3.03107997	3.14708417	3.19801389
0.433	0.324	4.85448649	4.92153921	4.46325567	4.59915437	5.01174462
0.06	0.066	2.82929083	2.89994391	2.58562757	2.82388215	2.93919909
0.433	0.451	4.6144664	4.82530683	4.25353523	4.43743425	4.687301
0.175	0.152	5.59337015	6.15277213	4.90165698	5.15602997	4.85583135
0.238	0.254	3.62009372	3.72597332	3.6387192	3.81349045	3.54433925
0.282	0.254	4.30028297	4.52614269	4.08565241	4.29822329	4.24497095
0.02	0.057	2.21838801	2.09738821	2.5141969	2.41952482	2.2992104
0.028	0.037	1.52622614	1.70882822	1.64373458	1.85502889	1.38628441
0.234	0.307	4.57432961	4.7547043	4.63790792	4.60204092	5.24201203
0.079	0.082	2.3280553	2.20499467	2.82178861	2.91516094	2.42063913
0.373	0.332	4.22950099	4.14784236	5.26433581	5.0953577	4.55639907
0.036	0.041	1.82259009	1.91543729	2.33926882	2.26156606	1.9596151
0.067	0.053	2.33255331	2.18931503	2.35010711	2.43834795	2.41349261
0.163	0.176	3.8028948	3.6717507	3.6359208	3.86452695	3.93787942
0.206	0.18	3.457866	3.52218755	3.25871712	3.40084358	3.5141184
0.063	0.066	2.29757789	2.43727882	2.06989919	2.35521521	2.43817785
0.23	0.238	4.24177599	4.38393255	4.08770714	4.2418622	4.15362348
0.246	0.221	3.85526903	3.79665913	3.83412618	3.94151222	3.9973785
0.044	0.057	1.94472803	2.04785241	2.42028274	2.45660559	2.23668339
0	0	0.05947779	0.43215958	0.04245089	0.05215086	1.00E-04
0.024	0.02	2.10112931	2.19484727	2.18698984	2.22454055	1.94675556
0.028	0.012	1.29280215	2.61032356	1.20152943	1.7382327	1.52371091
0.437	0.439	4.63321415	4.84315751	4.24149786	4.44219619	4.60149423

0.528	0.434	4.80108433	5.00093679	4.49427237	4.600539	4.87008619
0.575	0.541	5.04341603	5.49190677	4.60776467	4.84663296	5.14196999
0.23	0.242	4.29708494	4.54019834	4.04731258	4.17938757	4.35887189
0.52	0.418	5.32658814	5.56591916	4.90183835	5.09391298	5.36833331
0.103	0.094	2.37104944	2.50554356	2.62679692	2.7297067	2.56050503
0.028	0.016	3.42756516	3.23354389	3.41971522	3.53512087	3.85596244
0.147	0.127	3.27821881	3.51683549	3.26825043	3.41389312	3.48902627
0.262	0.254	3.5968842	3.48598376	3.80986141	3.85757743	3.70485743
0.448	0.373	4.56042939	4.38794754	5.2158795	5.10371139	4.76432497
0.004	0.004	0.0115594	0.36172189	0.27214374	0.35505551	1.00E-04
0	0.004	1.58232613	1.70569122	1.57482668	1.61823761	1.20841509
0.194	0.156	2.8714122	3.21267439	3.08784593	3.17372201	3.34378266
0.167	0.152	3.59053229	3.57261289	3.33062149	3.55032498	3.6800826
0.44	0.488	4.72693519	4.67236341	5.06145511	5.06597492	4.72198649
0.095	0.086	2.87551064	2.81708509	3.35855347	3.31474113	3.01610213
0.214	0.279	3.6757152	3.70801288	3.35551688	3.65100079	3.75368057
0.024	0.012	2.00550545	2.00860601	2.47193833	2.47704043	2.17767599
0.004	0	0.35625785	0.562781	0.3294854	0.34535315	0.18494935
0.179	0.184	3.54427086	3.73598538	4.01747985	3.98917682	4.00938727
0.139	0.135	3.48561933	3.47144018	3.67538917	3.74658695	3.5301485
0.004	0.012	1.13306357	1.3448681	1.47033558	1.55711195	1.26008856
0.071	0.102	2.78388694	2.80953999	2.75548655	2.87083331	2.92876055
0.143	0.16	3.14920824	3.15612626	3.11561391	3.30628677	3.36458995
0	0	1.00E-04	0.01961575	0.04300751	0.03917002	1.00E-04
0.008	0	0.88739656	1.17433609	1.25136551	1.38916204	0.88835534
0	0	1.00E-04	0.01783047	0.03332843	0.04214002	1.00E-04
0.171	0.148	3.91644643	4.08193819	4.58286162	4.69621598	4.24463853
0.004	0	0.52508972	0.62726639	0.34941137	0.35092111	0.17342735
0.198	0.225	4.13875662	4.30861278	4.18607866	4.34336829	3.89249889
0.321	0.299	4.0082778	3.88414726	4.68415993	4.63056573	4.23338126
0.202	0.18	3.55793979	3.62711411	3.79517855	3.78720312	3.77799282
0.155	0.201	3.12337852	3.11546719	3.38422213	3.50214049	3.1700288
0.155	0.148	3.40678342	3.42681445	3.94875097	3.95296078	3.63589151
0.067	0.094	1.7233998	1.79701332	1.87306279	2.05229277	2.11268158
0.206	0.197	2.73309881	2.96380681	3.12597931	3.07590761	2.95732583
0.052	0.078	2.64361189	2.52702903	2.84430484	2.92557181	2.75403708
0.23	0.221	3.79698314	3.77087393	3.43815913	3.53341587	4.07082806
0.012	0.016	0.75772002	0.89628838	0.52950539	0.63755714	0.61233666
0.19	0.205	3.79133403	3.82406429	4.08451838	4.08753806	3.96838929
0	0	0.12621092	0.13541471	0.04501004	0.07686501	1.00E-04
0	0	0.02287528	0.08549124	0.07900187	0.11159422	0.17060365
0	0	0.03625272	1.00E-04	1.00E-04	1.00E-04	0.08719476
0	0	1.00E-04	1.00E-04	0.00180963	0.00110113	1.00E-04

0	0	1.00E-04	0.0047967	1.00E-04	0.00416569	1.00E-04
0	0	0.09583317	0.01008795	0.00459117	0.00216591	1.00E-04
0	0	0.08671608	0.03745631	0.02012274	0.05671901	0.16468917
0.313	0.303	4.59893624	4.57451809	4.70266858	4.73423019	4.59783115
0.004	0.004	0.41625184	0.44098187	0.31917389	0.424692	0.57517207
0.091	0.053	3.10580274	3.39742932	2.90991623	3.11314415	2.78475135
0.329	0.328	4.59808148	4.81351786	4.45124172	4.55161554	4.7307117
0.369	0.344	4.3515334	4.44422587	4.03630042	4.15816827	4.65440419
0.278	0.275	4.030858	4.13813527	3.65262896	3.93615748	3.7516875
0.095	0.061	2.54078383	2.56767748	2.00282247	2.43791891	2.69227321
0.222	0.246	3.82210967	3.87296245	3.48020017	3.74361994	3.5805621
0.04	0.049	1.65921566	1.93985535	2.1338802	2.1063866	1.9882118
0.198	0.193	4.69611018	4.84458594	4.25651522	4.4443003	4.49234103
0.421	0.332	4.62353974	4.85060068	4.20461774	4.35973757	4.59085764
0	0	1.00E-04	0.00941448	0.01303693	0.01544006	1.00E-04
0	0	0.04620117	0.11812831	0.04419321	0.08872015	0.33197962
0.087	0.078	2.0405095	1.99901579	2.43709426	2.45411059	2.26130978
0.067	0.074	2.48426306	2.45678052	3.08478967	2.94477984	2.37998522
0.02	0.045	1.0375526	0.87729635	1.11670901	1.13405063	1.03652888
0	0	0.19536527	0.28143235	0.2151172	0.21304773	0.39817107
0.04	0.02	4.37314924	4.64098991	4.08239752	4.21610823	4.55037025
0	0	0.41380689	0.5079836	0.33065163	0.36646145	0.17190363
0.214	0.172	3.58577266	3.72681308	3.66447401	3.6496948	3.71787517
0.036	0.033	1.91794246	2.12734032	2.50820221	2.43991638	2.09063962
0	0	0.00716271	0.01647609	0.02165371	0.03868327	1.00E-04
0.163	0.172	3.15182134	3.15037965	3.7557487	3.71175657	3.25429485
0	0	0.28398561	0.26523149	0.2739618	0.29517124	0.35566966
0.004	0.008	0.22675693	0.32830809	0.34801197	0.27362852	1.07382506
0.004	0.008	0.2664295	0.30339659	0.18426252	0.23175407	0.15354515
0	0	1.00E-04	0.01273374	1.00E-04	0.00294286	1.00E-04
0.008	0.025	0.42768494	0.5329984	0.55804941	0.63644949	0.42228375
0.004	0.004	0.37557485	0.53881924	0.44850062	0.5447371	0.34150594
0.004	0	0.11542961	0.28362293	0.21055279	0.19802108	0.40842457
0.004	0	0.04195849	0.02551442	0.02826913	0.03327321	1.00E-04
0.103	0.086	4.13541308	4.80745418	4.57850156	4.64563051	4.21220232
0.012	0.008	1.21039465	1.17392461	1.28662017	1.26647996	1.08310048
0.115	0.127	3.05979661	3.35658697	2.87902484	3.11015488	3.19999742
0.103	0.131	1.90484951	1.99956059	1.61967966	2.04208884	2.2365541
0	0	0.12256849	0.21406939	0.14849112	0.21004002	0.65770792
0.167	0.131	3.38669345	3.35121096	3.11318054	3.33888665	3.572901
0.429	0.398	4.96545523	4.98964881	4.709568	4.8336368	5.04986168
0.119	0.119	4.8017209	4.70142686	4.91435205	4.91862076	4.32619314
0.095	0.074	2.75016259	2.69087348	2.98383585	3.20431709	2.60227239

0	0.004	0.03484251	0.04973963	0.00996981	0.02386164	1.00E-04
0	0.004	0.38720173	0.70794962	0.63619114	0.78619907	0.19444484
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.008	0	1.74668014	1.77394521	2.59520633	2.10957457	2.0577556
0	0.004	0.55610073	0.64073931	0.41323364	0.41824268	1.01733636
0	0	0.01476222	0.09386445	0.063953	0.07229526	0.04962565
0.167	0.139	3.67056326	3.49136864	3.92504259	3.76621914	3.76219662
0	0	0.00706372	1.00E-04	0.0017235	0.00213512	1.00E-04
0.083	0.074	2.05688984	2.05017495	2.11069884	2.21270486	2.1339536
0.175	0.156	3.28070089	3.36248383	4.06565736	4.01678737	3.52673382
0.409	0.344	4.96739939	4.98570951	5.95882999	5.77657912	5.25170663
0.202	0.156	3.80017517	3.79238683	4.33858814	4.243163	4.04806255
0.19	0.148	3.18735575	3.29431475	3.40879396	3.6269606	3.47762399
0.476	0.578	4.73763822	4.6182029	5.65776955	5.55455343	5.03483324
0.321	0.332	3.96079802	3.97298522	4.95042631	4.79501887	4.29612984
0	0	0.03441405	0.02885706	0.05435201	0.04694704	0.21745099
0.087	0.078	2.89570503	2.75861775	2.50193457	2.59752319	2.90519809
0.04	0.053	1.99939742	1.99173739	1.9433003	2.05617513	2.11010902
0.163	0.184	3.33408256	3.5194134	3.19533399	3.4618807	3.16995425
0.504	0.525	4.45600837	4.64046804	4.35356054	4.50957598	4.42608764
0.103	0.094	2.77584859	2.76284865	3.2051127	3.26152994	2.99769971
0	0	1.00E-04	0.00704987	1.00E-04	0.00188909	1.00E-04
0.071	0.057	3.00918236	2.91748604	3.75269572	3.57576609	3.20427613
0.044	0.033	2.30810226	2.38583176	2.63426491	2.58068052	2.41313096
0.083	0.074	2.5795047	2.51824213	2.76083096	2.79933839	2.37236578
0.111	0.102	2.77723658	2.99918963	3.32770626	3.26849614	2.81530198
0.044	0.061	3.11153	3.20172811	3.01200304	3.44041482	3.19584366
0.198	0.217	3.60646195	3.47301931	4.08321539	3.92125502	3.7961514
0.099	0.123	3.01925315	2.96013793	2.72131742	2.91652215	3.17929459
0.008	0.012	1.00E-04	0.01628309	0.00744895	0.00497011	1.00E-04
0	0.004	0.52081255	0.30339019	0.29812522	0.27032203	0.53378735
0.012	0.012	1.57613492	1.71047006	1.59013719	1.66319521	0.80353919
0.286	0.316	4.77916607	4.80474022	4.77935831	4.89052312	4.72572649
0.159	0.172	3.09149971	3.08706879	3.30403939	3.28651766	3.42396675
0.377	0.283	4.1613808	4.24593993	3.89498753	4.07438328	4.31697276
0.163	0.078	2.3041	2.5554036	2.51981856	2.59073805	2.47990891
0.313	0.295	4.74979237	5.01182893	4.56620197	4.53387512	4.95148231
0.087	0.049	2.0860489	2.15868478	2.15109129	1.99831973	1.49262199
0.246	0.209	3.86706253	3.91246496	3.77854116	3.87739446	3.86075649
0.817	0.766	5.67352065	6.10506314	5.27726849	5.35887916	5.95920205
0.25	0.238	3.80761999	4.10484448	4.09125211	4.04654544	4.14123354
0.044	0.016	2.6002137	4.3092325	2.73273783	3.15991846	2.87802281
0.036	0.061	2.17015466	2.29082584	2.35922096	2.47891125	2.09035004

0.008	0	1.18648451	1.00751216	1.0781541	1.55604768	0.9825829
0.155	0.131	2.78672073	2.89908875	2.49479303	2.81074858	2.98042905
0.012	0.016	0.82539918	0.78475667	0.84537413	0.82146975	0.94398032
0.151	0.176	4.67632479	4.6955157	4.53210435	4.78050648	4.51505322
0.417	0.381	5.03026897	5.2118722	4.6116217	4.71124581	5.01910443
0.528	0.43	5.41660213	6.00210642	5.013903	5.12977162	5.42529123
0	0	0.79805854	0.81000354	1.01734084	1.1502434	1.05366175
0.123	0.131	3.16162779	3.32950375	3.04371012	3.24703407	3.22021691
0.492	0.389	5.24984555	5.45561555	4.9526049	5.00428185	5.22151105
0.075	0.045	2.37051158	2.55523879	2.27203445	2.60229074	2.27326413
0.036	0.008	2.7185769	2.69082974	2.19917166	2.21564438	2.16278189
0.31	0.307	5.47249625	5.66146167	5.10433497	5.30183415	5.68669511
0.278	0.25	4.68127475	4.66825418	4.48263929	4.64616641	4.33959555
0.813	0.734	5.57654418	5.84862203	5.17600849	5.31473109	5.71100577
0.016	0.004	1.19802595	1.25633107	0.92093801	0.97117993	1.38362135
0.31	0.254	5.02157301	4.9282366	5.06708053	5.10459052	5.10702826
0.242	0.217	3.86356987	4.14449161	3.68205063	3.82410765	4.12789074
0.103	0.115	3.2794704	3.43735347	3.10681312	3.32152904	3.66710829
0.052	0.115	2.79055307	2.77445572	2.74676826	2.94186085	2.67188557
0.302	0.242	4.36079976	4.40666147	4.06725666	4.27101158	4.45907508
0.155	0.127	3.79918732	4.03129763	3.53641578	3.78710211	3.84130235
0.183	0.172	3.14974438	3.58203751	2.87866675	3.10186399	3.45390106
0	0.012	0.97467184	1.28020124	0.84343985	1.0171142	0.55733155
0.405	0.418	1.73265413	2.26510267	1.8376301	1.97078264	2.72110157
0.159	0.197	3.52919409	3.51329456	3.3186625	3.35944972	3.62174701
0.06	0.053	2.88156252	2.96109165	2.6717866	2.81051188	3.11848987
0.556	0.48	5.25579338	5.32071706	4.83754863	5.03138968	5.04415803
0.341	0.291	4.28013849	4.39373915	4.05438291	4.13677376	4.41825884
0.032	0.016	2.42649067	2.68121989	2.0932312	2.40880812	2.17260851
0.083	0.057	2.71026782	3.00600526	2.84411744	3.0019599	2.94737415
0.024	0.02	1.27393576	1.97253923	1.41641452	1.49007191	1.6721295
0.008	0.025	0.70342645	0.81419812	0.93570549	0.90949649	0.82731171
0.127	0.09	2.01500841	1.95320478	1.74038472	2.01528706	1.82531206
0.099	0.061	3.49223042	3.7738074	3.47048232	3.7717412	3.19951599
0.187	0.168	4.92164398	5.3209858	4.89086255	4.55741258	4.73287035
0.262	0.287	4.00239184	4.01520448	3.83958562	3.9695154	4.03614443
0.29	0.287	4.73273066	4.87538012	4.69092975	4.82218792	4.83056954
0.544	0.434	5.4619032	5.62182567	5.02951731	5.18587298	5.51062198
0.397	0.348	4.30008516	4.42474703	4.15971324	4.11509035	3.68168649
0.19	0.135	3.68273123	4.10532709	3.90518366	3.72432131	3.45912354
0.099	0.102	2.08221459	1.89192683	2.19724101	2.35833716	3.62497599
0	0.004	1.00E-04	1.00E-04	0.01294431	0.01693813	0.07290803
0.063	0.045	2.36012703	2.37843276	2.95239414	2.86166171	2.52940612

0.071	0.053	3.02019615	2.94553239	3.15314644	3.12273312	3.14575352
0.052	0.037	2.20679272	2.38412109	2.48507209	2.5067295	2.00475193
0.016	0.02	1.79242535	1.70246011	1.70288691	1.78708777	2.09685323
0.19	0.152	3.66025063	3.58603742	3.8257934	3.8762892	3.68688835
0.163	0.193	3.53055798	3.70046581	3.37343337	3.52188459	3.70294128
0.111	0.111	2.67472413	2.94935574	3.57642852	3.21334771	3.09666828
0.083	0.078	2.66773508	2.56235233	2.73116775	2.79101995	2.62605958
0.091	0.111	2.479912	2.34503179	2.8150117	2.73344793	2.49789139
0.052	0.074	2.6319512	2.76607865	2.64255153	2.78970264	3.04699073
0.111	0.102	2.8340147	2.93867043	2.95063495	3.05869659	3.03297679
0.813	0.783	5.4935072	5.84055907	5.04411155	5.31879708	5.50157247
0.008	0.016	0.05867827	0.08059621	0.09104575	0.32342992	0.05801993
0	0.004	0.22411426	0.24585257	0.2449142	0.20992382	0.51929563
0.52	0.537	4.54275931	4.63883806	4.25050924	4.18320752	4.38276164
0.54	0.5	5.27072199	5.69212969	4.99154543	5.0934394	5.75546234
0.024	0.02	2.2286115	2.01882288	1.49323081	1.74193059	2.32085239
0.377	0.328	3.77775485	3.87449614	3.59676793	3.72258083	4.2363364
0.083	0.061	2.67543087	2.5752455	3.33598102	3.19469245	2.93735197
0.123	0.127	3.78545099	3.78596718	3.59005992	3.76104421	4.10070212
0.02	0.008	0.3030436	0.24522483	0.29689538	0.30252389	0.80310566
0.127	0.127	2.65280714	2.80639464	2.90137958	3.01830817	2.74058902
0.115	0.107	3.92832062	3.70861032	4.1006891	4.12445364	3.85102285
0.147	0.152	3.62504335	3.49971758	3.76783557	3.82784043	3.51370818
0.194	0.143	3.97688536	4.47255931	4.46619397	4.53195566	4.33620818
0.067	0.111	2.96477583	3.0219306	3.1300786	3.26389514	3.05300668
0.377	0.414	5.06756395	5.07943323	5.89888199	5.75730413	5.34647478
0.02	0.057	0.45888187	0.51996084	0.47927543	0.53539374	0.58471805
0	0	1.00E-04	0.0069085	1.00E-04	0.00350782	0.49719218
0.508	0.467	6.86258886	6.76108309	6.59752053	6.66267686	6.46960472
0.159	0.172	3.45635563	3.57637072	3.14994222	3.38285264	3.609563
0.071	0.053	2.54268014	2.47520751	2.9285755	3.0673538	2.65273068
0.012	0.025	1.66877939	1.7244586	1.99540577	2.13434441	1.77279207
0.004	0.02	0.97972923	0.93573539	1.13643278	1.32996913	2.0545818
0.016	0.025	0.41818174	0.3677853	0.41153953	0.61425708	0.3226537
0	0.004	1.23341967	1.29013304	1.26417685	1.50863199	0.92531688
0.282	0.27	5.09435344	5.11535878	5.38521439	5.42058418	5.16353893
0.067	0.057	4.2227177	4.10668708	4.49181726	4.42970989	4.01195874
0.004	0	0.44187014	0.24392463	0.17467659	0.19644884	0.72195741
0.417	0.324	5.01604303	5.09996729	4.84642695	4.9836858	4.79515787
0.119	0.102	1.55112585	1.31879043	0.92659104	1.07269413	1.7929442
0.532	0.607	5.84458108	6.19645314	5.54440799	5.59122249	5.76403046
0	0	0.02219769	0.05963816	0.02609703	0.03358684	1.00E-04
0.119	0.189	2.79666649	2.66960683	3.2832897	3.25797882	3.19823264

0	0	1.00E-04	1.00E-04	0.01179875	0.01366022	1.00E-04
0.016	0.008	3.37725556	3.19659753	3.28996638	2.92125179	4.68206043
0.206	0.193	4.9730368	5.2563218	4.70580495	4.80676864	4.96161414
0.444	0.414	4.61939504	4.72354644	4.93287852	5.04864585	4.85172983
0.139	0.139	3.4613558	3.79371495	3.3138558	3.47723098	3.44105479
0.067	0.111	2.43785592	2.69548209	2.49431682	2.69388204	2.82427055
0.27	0.266	4.48778701	4.22963865	5.02091409	4.9794187	4.47107832
0.31	0.328	4.89807557	4.81924158	5.57498463	5.4374964	5.061774
0.286	0.234	3.94962607	3.98822677	4.62919129	4.56216535	4.05920205
0.016	0.012	2.18959561	2.39551497	2.10921852	2.2069842	2.83065332
0.016	0.016	0.17143182	0.40645411	0.04682529	0.15145679	2.85868847
0.119	0.061	4.11434195	4.03349456	4.85871629	4.668424	4.07680717
0	0	0.16085996	0.14295039	0.1072166	0.15257918	0.12662999
0	0	0.25734733	0.50472288	0.20803207	0.20477436	0.16471745
0	0	1.00E-04	1.00E-04	1.00E-04	0.0040324	1.00E-04
0	0	0.47021157	0.51938651	0.53757266	0.23871976	0.7743796
0.21	0.201	3.22398573	3.60610988	3.64862235	3.66008279	3.33694225
0.151	0.16	3.42767008	3.7397404	3.36261229	3.49086247	3.53970498
0.004	0.008	1.00E-04	0.10339034	0.08906492	0.04337005	0.07192697
0	0	1.00E-04	0.0511694	0.01899442	0.01507883	1.00E-04
0	0	2.89182861	2.89544695	1.96631513	1.84135699	0.32882624
0.234	0.209	4.35410764	4.40866321	3.90701453	4.05613688	4.23977192
0.111	0.119	2.74690585	3.21023776	2.99143307	3.11956953	2.62398799
0.04	0.049	2.72329142	2.63579283	2.84347239	3.1026365	2.51257872
0	0.008	0.77056017	0.44947668	0.41468623	0.5084076	0.8123593
0.964	0.922	7.87533115	7.81872793	8.47946447	8.43647531	8.03935933
0.048	0.053	2.47822118	2.6250326	2.47749921	2.65146535	2.47316949
0.016	0.029	0.14783326	0.17051557	0.10402037	0.14302329	0.99660219
0.016	0.02	0.18829905	0.22897626	0.27564456	0.24158306	0.20232212
0.202	0.184	3.4078396	3.42003194	3.35101123	3.55247551	3.41356697
0	0.004	0.10533509	0.23414208	0.1019748	0.19687786	0.2901648
0.036	0.094	2.55365399	2.64374341	3.34467725	3.29161054	2.60135062
0.206	0.176	5.05837562	5.09489338	4.82693173	4.95835988	4.73171478
0	0	0.53610237	0.44137988	0.23977954	0.27542876	0.23010241
0.135	0.102	3.30501593	3.21309984	3.9694115	3.96797562	3.33543599
0.004	0.004	0.82909233	0.61018532	0.53016745	0.7038752	1.23781129
0.325	0.156	3.86297129	4.27896835	4.54095024	4.48760921	5.11035199
0.448	0.385	5.17402442	5.42180385	5.24554147	5.25763942	5.3355766
0.202	0.135	3.98872908	3.94248284	3.7697223	3.76931835	3.65926498
0.004	0	0.01219575	0.01725785	0.02668154	0.01168385	0.05010145
0.099	0.127	2.66120323	2.66669343	3.03589691	3.11837082	2.70962095
0.254	0.27	4.11795254	4.17784638	3.77725092	3.92607898	4.2030402
0.837	0.779	6.63613605	6.86688501	6.15252919	6.29886446	6.67310092

0.536	0.57	5.83160213	5.8076343	5.48534398	5.53967629	5.8956444
0.429	0.365	4.98976572	5.20183095	4.77186152	4.77081977	5.10265218
0.079	0.049	2.86883981	2.86442378	2.99767032	3.07228062	2.99111228
0.036	0.037	2.11868095	2.28406467	2.58209188	2.69027361	2.10716736
0.056	0.078	2.56148617	2.20978519	3.36011644	3.31373445	2.91617167
0.266	0.303	4.63857613	4.59603022	4.39911224	4.55411462	4.67212074
0.075	0.086	2.50825085	2.41969234	2.90511856	2.88631574	2.66706223
0.123	0.127	3.05254557	3.22659403	2.97079372	3.21208135	3.22741859
0.242	0.205	3.60723036	3.63130183	4.44754351	4.29931387	3.80639074
0.258	0.225	4.52005292	4.4849077	5.15317836	5.05208933	4.58287113
0.075	0.053	2.72539394	2.74392065	2.52177212	2.73344295	2.78464041
0.048	0.029	2.14486294	2.02769157	2.09227574	2.29688873	1.90503654
0.175	0.205	4.01489797	3.80068743	4.15914956	4.18453754	4.01551581
0.278	0.246	4.54641519	4.69173952	4.21306568	4.42201149	4.59675065
0.278	0.266	4.18943783	4.11838738	4.32094369	4.41631219	4.38846833
0.155	0.135	3.93763006	3.81986671	3.83836227	3.87794902	3.83968623
0.163	0.197	3.02033	3.13027291	2.83179105	3.03456633	3.2079502
0	0.02	1.11156696	1.13089987	0.93281116	1.06597555	1.3471921
0	0.004	0.01437612	0.04583087	0.04011725	0.03981799	0.07581886
0.175	0.168	3.8492896	4.04657473	3.7015283	3.91288146	4.02425281
0.23	0.303	4.48191706	4.51009982	4.26631878	4.38012432	4.44067752
0.079	0.102	3.20126744	3.41098943	3.05719114	3.34541786	3.24518948
0.071	0.086	2.7774734	2.7421419	2.94499573	2.86739606	2.86573278
0.226	0.254	3.79877766	3.72291995	3.91950287	3.96537241	3.87248503
0.123	0.152	3.80608304	3.89624663	3.47325279	3.63958968	3.95424752
0.163	0.197	3.18250169	3.30455065	3.36244932	3.48610754	3.39560036
0.048	0.033	2.52878454	2.70497273	2.56209862	2.77420389	2.73049923
0.29	0.23	4.11972955	4.3319577	3.83061715	3.96745463	4.34441187
0.286	0.234	4.36819423	4.60890276	4.13274214	4.21912384	4.46605004
0.071	0.07	2.45066917	2.44048392	2.75393217	2.74694824	2.49371985
0.365	0.357	5.23114952	5.45271761	4.80118644	5.03654429	5.08024632
0.079	0.045	2.96918277	3.13459731	3.18678894	3.29631725	3.17157748
0.389	0.283	4.26348562	4.15306464	3.96493311	4.09814054	4.28228001
0.337	0.377	4.70254266	4.8897526	4.46133774	4.70713308	4.72099674
0.087	0.131	3.02285848	3.20166541	3.1898129	3.19294144	3.15475424
0	0	0.08457006	0.05276699	0.03906375	0.04677268	1.00E-04
0.028	0	0.46765098	0.5319161	0.41281984	0.50868229	0.37521435
0.004	0.004	1.32476873	1.19763622	1.29126084	1.53566349	2.02118605
0	0	0.30733222	0.71434646	0.49320502	0.41165842	0.26103793
0	0	1.00E-04	1.00E-04	1.00E-04	0.00955683	1.00E-04
0	0	1.00E-04	0.01142019	0.01936108	0.01816916	0.04600365
0.024	0.016	1.32129785	1.07755568	2.79390541	2.87018155	2.01755544
0.032	0.061	0.98263177	0.58249863	0.61237335	0.84074489	1.17340811

0.032	0.041	1.87887864	1.48493836	1.20020453	1.35759619	2.93196615
0	0	0.58793966	1.04894106	0.47449285	0.38969968	0.42749316
0.008	0.008	2.93454489	2.69578923	3.28062491	3.16073748	3.43110476
0	0	0.01440112	0.03381008	0.02172366	0.01714675	0.13363837
0.004	0.004	0.17016666	0.20967976	0.1046304	0.18076384	0.60454934
0.004	0.008	0.06421231	0.23271126	0.16285197	0.15761752	0.15787553
0.008	0.045	0.83051171	1.07137123	0.89484075	1.13005233	1.05674083
0	0	0.09828042	0.08412829	0.24069218	0.37715049	0.08621708
0	0	0.13030768	0.14533052	0.14924277	0.20135443	0.18612989
0.278	0.27	4.00571393	4.13702207	3.83699816	3.94357786	4.14395902
0.004	0	0.69100694	0.38766111	0.18671706	0.27204891	0.30849593
0.679	0.627	5.53575506	5.87257638	5.1580838	5.3644313	5.70022794
0.119	0.127	3.51966417	3.51301923	4.01741325	3.9580125	3.65798353
0	0	1.00E-04	0.05748447	0.06021887	0.03386387	1.00E-04
0	0.004	0.70105076	0.72184436	0.76413993	0.76714036	0.76709428
0	0	0.03382366	0.02752349	0.0359485	0.0209955	1.00E-04
0.032	0.016	1.62213066	1.85008183	1.54653314	1.63039523	1.45768625
0.028	0.029	2.31274491	3.46226504	2.15019736	2.65982677	2.14773343
0.103	0.123	2.90334649	2.92014839	2.81530432	2.99418972	2.5509674
0	0	0.03449289	0.04176736	0.00877957	0.01184035	1.00E-04
0	0	1.00E-04	0.00377833	0.01061039	0.02642656	1.00E-04
0.008	0.004	0.37604248	0.49020819	0.47786515	0.50375731	0.04012068
0.313	0.234	6.02035075	6.07848866	5.63036519	5.75493152	5.47928843
0.004	0	2.18770309	2.57699237	2.25214875	1.97172896	1.02803519
0	0	0.12787302	0.15811476	0.02592467	0.03923641	1.00E-04
0	0	0.48212712	0.43993611	0.27930703	0.23125282	0.68110432
0.036	0.061	5.75215365	6.0180104	5.46991079	5.24019911	5.26534778
0	0	0.09724959	1.00E-04	0.01830124	0.02866936	1.00E-04
0.619	0.582	5.21409903	5.28126396	5.00548184	5.07435486	5.14250683
0.448	0.406	4.79111898	4.90827619	4.65969089	4.74359671	4.83598774
0.21	0.213	3.9629001	4.56705797	4.25088575	4.3070055	4.63998603
0.187	0.143	3.30476139	3.47582498	2.98674025	3.10364591	3.47326463
0.206	0.16	3.33396242	3.14552658	3.66813156	3.52674887	3.65768237
0.008	0.004	0.04976394	0.21131919	0.04333388	0.0826359	0.04564578
0.508	0.475	5.1176359	5.31351825	5.11636566	5.22328249	5.29895496
0.004	0	0.09933075	0.05105394	0.0187435	0.05135032	0.1173893
0.099	0.094	2.69325225	2.81057356	2.88332478	3.02270588	2.96889673
0.262	0.193	3.97197004	4.00673271	4.60482301	4.57586832	4.03207985
0.306	0.34	4.80423253	5.04541097	4.46631649	4.67620291	4.756757
0.167	0.18	4.06952563	4.09587619	3.98666409	4.10311889	4.21112482
0.345	0.291	4.45896127	4.55119344	4.27256923	4.42305568	4.19906841
0.04	0.107	2.00001229	2.08043402	2.52126269	2.49957936	2.13665971
0.202	0.197	3.61397717	3.55655148	3.66382957	3.70419471	3.87333735

0.377	0.422	4.15902499	4.47800484	4.16863189	4.33201646	4.39673168
0.159	0.176	3.66503522	3.8337043	4.2082039	4.20096585	3.60981826
0	0.004	0.08641276	0.18506027	0.1211215	0.15297528	0.0655208
0.167	0.148	3.86544434	3.97304878	4.17451957	4.1803321	3.95426586
0.02	0.02	0.93695144	0.96882057	0.97970731	1.11232066	1.43288554
0.206	0.189	4.31921269	4.40954889	4.29090778	4.37738534	4.26631839
0.369	0.393	4.77689342	4.8026583	4.18180246	4.32934862	4.92284089
0.071	0.057	5.94461539	6.19125763	5.52343426	5.61205407	5.81525638
0.067	0.037	5.35539487	5.38620664	4.98054876	5.16839375	5.77959788
0.063	0.033	1.74968295	1.82297672	1.4678365	1.81519583	2.07392977
0.278	0.287	4.97805897	5.02820913	4.60749693	4.73978167	4.79451095
0.218	0.201	4.1937385	4.05519775	4.27930208	4.31489614	4.52371203
0.095	0.078	2.78471498	2.80697555	2.55134559	2.8299458	2.87283408
0.103	0.107	2.90930618	2.70622072	2.92015571	3.08553528	2.94051889
0.036	0.061	2.50399005	2.88200258	3.05725637	3.09722886	2.73520399
0	0	0.20544788	0.1538615	0.12521833	0.12584597	0.31091744
0.036	0.037	1.81705649	1.87044381	2.28331221	2.26020534	2.23650738
0.075	0.066	2.73756565	2.92507749	2.42959963	2.7052796	2.69647871
0.23	0.27	3.70645333	3.97754826	3.51014086	3.75371258	3.96837211
0.032	0.004	1.48110961	1.75282137	1.7581702	1.88205112	1.78012308
0.048	0.053	2.51551796	2.6979216	2.36587547	2.5339064	2.73564576
0.313	0.307	4.27377557	4.29116183	4.02070946	4.20211904	4.46707872
0.067	0.074	3.14372534	3.24793286	2.85122383	3.09594102	2.49577276
0.052	0.127	2.69220436	2.42694991	2.57566595	2.6894002	2.78617788
0	0.004	0.30738579	0.27917911	0.1988481	0.3556386	0.53187089
0.512	0.443	4.56927663	4.7378599	4.16818357	4.40340908	4.64374138
0.04	0.029	2.19517234	2.4707788	2.26114875	2.46739771	2.23438041
0.028	0.061	1.9383636	1.90894125	1.47107046	1.80790107	1.68113013
0.127	0.09	3.50059587	3.55442731	3.17319351	3.3420944	3.15505488
0.179	0.201	4.37531138	4.30798628	3.91700716	4.16407182	4.18800207
0.008	0	0.03219861	0.2079759	0.30201663	0.28432532	1.00E-04
0.048	0.074	2.20684148	2.26687439	1.89937067	2.14403665	2.40780771
0.087	0.111	3.60292115	3.68441343	3.55137126	3.77811229	3.66682441
0.321	0.27	4.36496017	4.34907995	4.24569578	4.46427701	4.24504142
0.25	0.217	4.01756483	4.36110114	3.60456061	3.74499613	4.09788154
0.103	0.111	2.58218371	2.69832179	3.31664973	3.27115849	2.60915821
0.04	0.074	2.55371001	2.77775452	2.78239307	2.85605534	3.24960624
0.127	0.115	2.8920037	2.85767163	3.27728436	3.21247288	3.04599611
0.171	0.102	3.46545254	3.26060733	3.08719822	3.38964651	3.77798829
0.171	0.201	3.599523	3.65314917	3.29929976	3.39761938	3.48499111
0.004	0	0.20515297	0.56378256	0.19359802	0.28970392	0.12778846
0.119	0.115	2.62394838	2.62543002	2.68469011	2.83638685	2.87344981
0.016	0.016	1.43809885	1.54899498	1.99477524	1.9401685	1.42481767

0.056	0.053	1.81427668	1.95139741	2.42539087	2.30381451	1.82900826
0.044	0.02	2.07816645	1.76126459	1.90065736	2.0308512	2.40322626
0.151	0.176	3.26563525	3.45647327	2.99486215	3.2659069	3.53410529
0.004	0.008	0.67907527	0.70025393	0.60195597	0.64749031	0.7161895
0.063	0.082	2.13028481	2.13410464	2.2664137	2.41094692	2.46118388
0.27	0.332	3.63810422	3.73127968	3.41850542	3.51830119	3.91163674
0.099	0.07	2.80829697	2.86028029	3.33015448	3.28727242	3.01899264
0.02	0.029	2.07918919	2.34623618	1.8614982	2.14256491	1.89880502
0.083	0.07	2.35212212	2.04681427	2.08339025	2.35512833	3.12291855
0.012	0.025	1.51630557	1.82475864	1.60522284	2.03346959	1.47553754
0.008	0.008	0.94831551	1.12103829	0.69650192	0.78959444	1.47806783
0.444	0.393	5.08664437	5.26068839	4.66919705	4.79584121	5.02904167
0.504	0.496	5.14711116	5.35990763	4.67658048	4.83520806	5.1431364
0	0	0.12578943	0.27112775	0.13275065	0.17845681	0.13363837
0.032	0.057	1.3472582	1.61894221	1.78340321	2.01339778	1.44024746
0.171	0.189	2.9850038	3.14193388	3.87433593	3.35571791	3.62356328
0.131	0.18	3.15544135	3.31256433	3.17108343	3.29431002	3.30032812
0.044	0.086	1.42381299	1.48670544	1.36133819	1.42507374	1.67208431
0.008	0.029	1.66766409	1.7364494	1.89236068	2.06746307	1.57412597
0.04	0.078	2.60388226	2.68436978	2.19053183	2.63962092	2.31642315
0.06	0.041	2.80069822	3.00808641	3.01760831	3.05667058	3.36865292
0.159	0.225	3.14596946	2.9994912	3.09042015	3.22084175	3.30944765
0.087	0.066	2.56305122	2.67227221	2.98781588	3.01942036	2.76730084
0.413	0.512	4.57529013	4.86721552	5.41145733	5.25040691	4.73027072
0.044	0.041	0.07836444	0.13914364	0.08751942	0.14990705	0.30884001
0	0	0.12533793	0.09463244	0.05840287	0.05961759	0.52532633
0.004	0	0.23540682	0.32410165	0.20952197	0.32556858	0.06224252
0.139	0.143	2.64162326	2.71527569	2.56100551	2.73482474	2.79523117
0.012	0.004	0.76957227	0.93072083	0.7454744	0.82910335	0.57016589
0.036	0.041	2.73484702	2.68169736	3.12121263	3.09131912	2.90582066
0.048	0.045	1.88251093	2.02129925	1.66451297	1.9889876	1.90433288
0.02	0.029	1.27260318	1.02351398	1.03925638	1.33011836	0.90400369
0.048	0.045	3.71044832	3.70475885	3.26685256	3.61977225	3.52468433
0.179	0.164	3.03224729	3.14957106	2.85974116	3.05969781	3.36159827
0.032	0.016	1.35348707	1.4048705	1.77188212	1.81614833	1.10976359
0.044	0.049	1.01081118	0.94044345	0.98294296	1.05054489	1.44507579
0	0	0.02231595	0.06717837	0.03033699	0.06667229	1.00E-04
0	0	0.04725948	0.07800912	0.10230472	0.12198052	0.15942657
0	0	1.00E-04	1.00E-04	0.00384279	1.00E-04	1.00E-04
0.028	0.004	0.55190873	1.22177995	1.22336814	1.72713365	0.21654728
0.004	0	0.21515858	0.28738382	0.19377692	0.26149123	0.18206788
0	0	1.00E-04	0.01831183	0.01210461	0.03230412	1.00E-04
0	0	1.00E-04	0.00863014	1.00E-04	1.00E-04	1.00E-04

0.004	0.016	0.87870642	1.07401815	1.03815915	1.13353031	1.10895789
0.056	0.057	4.01152727	4.02367639	4.10585078	4.23014583	4.10346234
0.131	0.082	3.49889219	3.88080033	3.84975125	3.51276509	3.60678276
0.04	0.016	1.87184361	2.11037771	1.45347337	1.63927143	2.59776645
0	0	1.00E-04	1.00E-04	0.00684338	0.02453721	1.00E-04
0.683	0.717	5.37566289	5.65578272	5.09682743	5.31293683	5.65974566
0.294	0.291	4.34355584	4.67386698	4.14255466	4.31529747	4.41543998
0.02	0.008	0.0871861	0.17337395	0.0791839	0.04689655	0.03409116
0.036	0.02	2.52121539	2.6369869	2.68469614	2.86291912	2.70887361
0.21	0.16	3.47755043	3.61662557	3.67315932	3.77794992	3.48797191
0.028	0.025	1.78756839	1.76404259	1.9295014	1.95982672	1.75953011
0.044	0.049	5.01607372	4.84404962	4.66849973	4.71514766	3.9207438
0.631	0.598	5.18843331	5.30468643	5.01820462	5.06532545	5.23493785
0	0	0.12839436	0.34359798	0.14654606	0.24243947	0.05418941
0.004	0.008	0.28129269	0.35679375	0.21366023	0.38284264	0.19349623
0.004	0	0.17953916	0.13599289	0.08980099	0.14223387	0.06688496
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0.004	0.07019717	0.23257985	0.14694412	0.09490135	1.00E-04
0	0	0.21434228	0.07307996	0.03711719	0.09606024	0.09482245
0	0	0.01121125	0.0180714	0.01238614	0.02598762	1.00E-04
0	0	0.02297728	0.01711341	0.05014473	0.02575889	1.00E-04
0	0	1.00E-04	0.01071925	0.01650727	0.0136148	1.00E-04
0	0	0.12487943	0.1572878	0.07658211	0.17185185	0.17870332
0.008	0.004	0.243099	0.31431007	0.24538578	0.27057929	0.57303805
0	0	0.07068875	0.10418386	0.09350839	0.17034794	0.14312196
0.008	0	0.2902116	0.17500005	0.07202697	0.12177415	0.47445842
0.004	0	0.95108949	0.75280481	0.8884613	1.02422001	4.00901919
0	0	0.13809923	0.26251655	0.24565029	0.35075485	0.46832288
0	0	0.89535973	1.52149267	1.12564111	0.95962086	0.52130731
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.00748827	0.03411818	0.04930138	0.05528543	0.04209384
0	0	1.00E-04	0.01311729	0.01365192	0.0194149	1.00E-04
0.004	0	2.37605358	2.56824488	2.95977592	2.94273259	1.58178954
0.024	0.02	1.62522257	1.30324832	0.84014814	0.97404615	0.85095243
0.036	0.078	1.73619608	1.90210235	1.82455698	1.95361789	2.00509719
0.028	0.012	0.70934334	0.80508151	0.97566022	1.01328208	0.87306832
0.079	0.078	2.73373421	2.90855911	3.40461503	3.27954593	2.82510546
0.361	0.307	4.46398587	4.6580685	4.03446275	4.31322158	4.32330526
0.131	0.107	2.98199642	2.81678821	2.95051645	2.99479921	3.11381095
0.27	0.287	4.4520243	4.67044742	4.61757581	4.76272854	4.7536111
0.087	0.066	3.60129932	3.77099112	3.90934852	4.02643461	3.76782374
0.036	0.049	1.09687584	1.24292405	0.74170039	1.16045527	0.6114967
0	0	0.21638846	0.1497389	0.04310476	0.1156513	0.03841779

0	0	0.02841983	0.03246506	0.00985189	0.02041006	0.04595937
0.472	0.385	4.60418467	5.13148944	5.69119081	4.84047372	5.06933709
0	0.004	0.36203977	0.29501229	0.25144614	0.33661348	0.4753307
0.032	0.008	1.92472708	1.86217912	2.1138306	1.89768472	1.40790903
0.083	0.094	4.48626991	4.56512169	4.13076199	4.21134902	4.9658433
0.107	0.09	3.4585556	3.3205392	3.3401966	3.48185758	3.00865987
0.218	0.246	5.90957642	6.2583107	5.64708417	5.78838667	5.68411728
0.476	0.459	4.61288201	4.79216504	4.31276827	4.39918375	4.66181073
0.349	0.279	4.69345437	4.93302964	4.43972665	4.61607855	4.69366556
0.008	0	2.0188252	1.32821562	1.06302765	1.16961712	0.22544804
0.06	0.053	2.12308479	2.45798902	2.55075254	2.50508336	2.31278121
0.016	0.016	2.58696694	3.61634736	2.31127927	2.42514383	2.75096453
0	0.004	0.06890679	0.10948018	0.10533273	0.11110808	0.1078939
0.306	0.328	4.17880231	4.18490256	4.96696827	4.48190906	4.4938926
0.135	0.143	1.00E-04	0.01303735	0.00744093	0.00683846	1.00E-04
0	0	1.00E-04	1.00E-04	0.00185661	1.00E-04	0.23389616
0	0	1.00E-04	0.03481362	0.02180814	0.03796343	1.00E-04
0.004	0.004	2.01014976	1.86379899	1.88971983	2.17367714	1.30153978
0.143	0.143	3.60326067	3.88481068	3.47855728	3.65878055	3.66194333
0.004	0.016	0.95202368	0.4655712	0.18953663	0.22768455	1.14929403
0.004	0	0.29062526	0.09843692	0.04353318	0.04929288	1.00E-04
0	0	0.04501637	0.040605	0.0195153	0.03267218	1.00E-04
0	0	0.11066582	0.13398947	0.07972364	0.12175555	0.15134535
0	0	0.06687533	0.07915551	0.04730716	0.09221055	1.00E-04
0.143	0.172	1.71592712	1.69920084	1.17212401	1.47509022	1.42026002
0	0.008	0.51255411	0.53806317	0.38035897	0.45474865	0.50622168
0.008	0	1.06465317	1.14865803	1.40859754	1.44643051	1.57146856
0	0	0.14391206	0.09483055	0.08915277	0.07280025	1.00E-04
0	0	0.13901989	0.2802098	0.14173299	0.19806975	0.25677238
0.119	0.09	2.49650492	2.63635968	2.83310392	2.89847696	2.71183193
0.202	0.197	3.63253088	3.72875764	3.6871545	3.79131926	3.68599989
0.075	0.102	3.27861353	3.52138568	3.0870966	3.25217681	3.32724769
0.004	0	0.04392933	0.11182151	0.12234373	0.17981362	0.14897567
0.067	0.094	2.87505823	2.89176958	2.5505727	2.8198787	2.75908036
0.325	0.406	4.68197118	4.75056024	4.50140673	4.67860028	4.80812189
0.254	0.213	3.95067095	4.11110662	3.47527577	3.71523822	3.7970732
0.151	0.139	3.25467796	3.34713261	3.03184153	3.25611006	3.27430484
0.329	0.369	4.19585963	4.46843214	4.03896579	4.14889559	4.44248866
0.353	0.25	4.15056136	4.31425313	3.93795586	4.08131657	4.10310216
0.179	0.18	3.07509858	3.19897692	2.99667059	3.22431072	3.11809444
0.456	0.328	5.22854233	5.41858908	4.82398072	4.91944321	5.15308086
0.119	0.102	2.63104802	2.61225719	2.76145911	2.78402775	2.84645054
0.004	0	0.2591393	0.2993886	0.26482218	0.28570043	0.1723877

0.004	0.004	0.40822691	0.41114978	0.37925987	0.45933274	0.62492287
0.274	0.258	4.45046535	4.58757481	4.08276657	4.25011128	4.44638985
0.52	0.508	5.2342644	5.20184185	5.27008818	5.32510636	5.31897782
0.488	0.488	4.50100986	4.58813054	4.74873394	4.83491248	4.74309456
0.468	0.545	4.6603027	5.43227466	4.44455591	4.58853442	5.0265759
0.448	0.373	4.57445615	4.65528661	4.60239695	4.63118716	4.75613901
0.044	0.033	1.43220254	1.88363454	1.44589491	1.63854737	1.62664774
0.04	0.07	2.61438167	3.14909037	2.43278246	2.55186087	2.98012778
0.028	0.029	1.85098232	1.61026591	1.46370873	1.76572407	1.97430918
0.456	0.529	4.98731302	5.0336335	4.60176809	4.70193163	6.34986605
0.024	0.037	1.62386589	1.53761401	1.50516639	1.73489552	1.57528164
0.02	0.029	1.38086427	1.30366645	1.93992851	1.87958053	1.39401672
0.448	0.422	4.14764143	4.30634929	3.94352264	4.09144686	4.3266809
0	0.008	1.40228169	1.15369893	0.47031274	0.64556036	0.04127952
0.202	0.201	3.47345988	3.57470626	3.43960904	3.65297407	3.58176806
0.087	0.078	2.65417277	2.54557587	3.31714724	3.32747305	2.79474316
0.04	0.045	1.69111998	1.80374472	2.22783113	2.20967054	1.8511777
0.611	0.586	6.63233025	5.92773588	6.96676653	6.85653051	6.68534466
0	0	0.04301483	0.04850165	0.02201248	0.04180237	1.00E-04
0.099	0.029	4.13033686	3.86942597	4.40786705	4.5425375	4.92674436
0.099	0.074	1.7498805	1.90430052	2.62142173	2.51977118	1.96597911
0.238	0.152	3.53018959	3.79877491	3.2615564	3.52240653	3.7655675
0.048	0.041	2.90656732	2.62078001	3.00081514	3.04259992	2.71000843
0.044	0.053	2.50275446	2.89525322	2.17464518	1.97816949	1.1315658
0.123	0.094	2.69983424	2.78148214	3.45029204	3.38693174	2.8945904
0.04	0.049	2.54330947	2.67061369	3.16977614	3.09013447	2.83587428
0.087	0.082	2.93981533	3.03095739	3.23143644	3.21239313	2.99323131
0.056	0.066	1.97062572	2.25433049	2.28937667	2.39016815	2.07581493
0.103	0.102	2.62485188	2.80732939	3.40527197	3.27925412	2.74954031
0.091	0.119	2.52926216	2.55446236	2.5920114	2.77808655	2.42984447
0.171	0.119	3.05751983	3.37034503	3.52367135	3.59267886	3.18999902
0.071	0.082	3.0348053	2.90106514	3.17128013	3.25217734	3.00038596
0	0.029	1.26501099	1.70327714	1.45810692	1.55099859	1.30340449
0.004	0	0.48235817	0.73928837	0.4019675	0.33041701	0.61213219
0.075	0.078	2.27959538	2.3180126	2.42013773	2.42671303	2.63389744
0.075	0.094	2.5828352	2.69105719	2.74052066	2.86335128	2.88413635
0.234	0.225	3.68718296	3.7606684	3.52231341	3.6578635	3.69964641
0.306	0.299	3.98051153	4.15672135	4.0638409	4.11090396	4.07673407
0.012	0.004	1.3205674	1.29300589	1.03012436	1.20997528	1.06349338
0.103	0.152	1.89019989	2.43450335	1.82675444	1.77941353	1.99734509
0.115	0.119	4.56844751	4.36395303	4.36456829	4.52975164	3.76524846
0.337	0.311	3.05023917	3.08039846	3.65599436	3.57646791	3.45271559
0.056	0.07	1.52849879	1.4471812	1.53356863	1.58489164	0.93355455

0.433	0.32	4.22848897	4.23692746	4.16919309	4.20729355	4.61969217
0.044	0.025	1.72304301	1.70446233	2.02573915	2.14290396	1.86007698
0.373	0.393	4.45962066	4.48489356	4.29008427	4.32492482	4.5146787
0.21	0.246	3.45009124	3.69043162	3.15575263	3.36914505	3.99848404
0.103	0.094	2.77865388	2.79291363	2.71801577	2.85213853	3.00189082
0.155	0.193	3.72277563	3.75384287	3.60733808	3.84349179	3.92280329
0.258	0.266	4.47897889	4.65401596	4.303523	4.39666872	4.74693059
0.583	0.59	5.36892748	5.28664646	5.94981517	5.8974307	5.55468361
0.452	0.463	4.84243941	4.9342793	5.08799559	5.06436554	4.99219473
0.258	0.348	4.86203949	4.76284401	4.84902055	5.01926585	4.94269384
0.369	0.316	4.66771493	4.49034666	5.15946973	5.01484013	5.29653829
0.329	0.258	4.62954769	4.79081939	4.89593115	4.79706494	4.4441274
0.69	0.713	5.78719781	5.70357991	5.7359981	5.83524968	5.95462175
0.397	0.385	4.28684159	4.23988228	4.5987109	4.57425102	4.35668392
0.024	0.033	2.67407956	2.80230821	2.96584624	3.04931071	2.72152946
0	0	0.21212013	0.18714519	0.12343508	0.16274247	0.35103647
0.107	0.131	2.38845888	2.30012987	2.75831313	2.72021808	2.53926012
0	0	0.14793411	0.21695327	0.24217124	0.28053858	0.46415962
0.02	0.025	0.34674485	0.59272318	0.46939212	0.61933403	0.50697325
0	0	0.25667565	0.28893695	0.21275103	0.29417167	0.49866705
0	0.008	0.67882846	1.10849611	0.38829218	0.47619198	0.66145775
0.091	0.037	3.49982245	3.43821584	3.74184216	3.74299847	3.35383321
0.012	0	0.03873206	0.06662755	0.06603436	0.05129604	1.00E-04
0.012	0	0.70470366	0.95551632	0.82852696	0.98651008	0.90844801
0.111	0.098	3.13139159	2.92140036	2.77150103	2.97531633	3.3525391
0.107	0.066	2.79279959	2.98784496	2.4477757	2.49057158	2.83117103
0.004	0.008	0.43879192	0.38274772	0.51616925	0.57342913	0.50598794
0.012	0.012	1.19199955	1.28926174	1.45130423	1.53095971	1.14554934
0	0	1.00E-04	0.00728479	0.00779279	0.03147145	1.00E-04
0.032	0.082	1.7623778	3.1892249	1.94297805	2.07487032	2.40495412
0.325	0.299	3.76697924	3.62927245	3.41308326	3.64061929	4.16772869
0.06	0.078	3.22764095	3.16849696	3.42544803	3.18217179	3.63262454
0.25	0.184	3.29063211	3.21828553	3.02821592	3.22890987	3.42015617
0	0	0.42316456	0.22194138	0.21315145	0.19733249	0.40231683
0.063	0.074	1.89175746	1.6976564	2.04081576	2.22109243	1.82264147
0.278	0.225	0.25727051	0.56424038	0.15905751	0.18002987	0.5556946
0.083	0.053	2.35199655	2.61202455	2.41841429	2.62419439	2.46110746
0.052	0.053	1.92850268	1.86158815	1.94244325	2.00124966	2.36564369
0.099	0.09	2.78620032	2.99491169	2.67837029	2.61019006	2.92954451
0.02	0.061	2.31347223	2.20006016	2.08555239	2.0254704	2.33679034
0	0.008	0.55597534	0.51621092	0.63347692	0.56089214	0.70625412
0.044	0.094	2.87583841	2.47586363	2.6313988	2.76777508	2.83164149
0.048	0.061	1.50415105	1.73995402	2.07883088	1.87292382	1.68471359

0.02	0.02	1.14163125	1.01652268	1.07037069	1.13155938	1.178102
0.012	0.012	0.88123207	1.12276624	1.36590379	1.4720043	0.66518204
0.004	0	0.1833998	0.11448264	0.17813323	0.18614214	0.22350565
0.032	0.037	2.50575312	2.53983673	2.86075812	2.73098473	2.31073373
0.044	0.045	2.63553773	2.68094943	2.3031793	2.54875866	2.45934554
0.008	0.012	1.30659297	1.3910233	1.295875	1.40333229	1.31655129
0.226	0.16	3.16374383	3.04829425	3.13949816	3.17423193	3.17747325
0.02	0.004	1.09879776	0.87654954	0.79412214	0.82296807	0.88471414
0.171	0.102	2.76684317	3.2674706	3.24955817	3.24773506	2.71171619
0.226	0.176	3.53987914	3.52304702	3.24685224	3.2606664	3.61631372
0.067	0.086	2.67047164	2.54558793	2.17865124	2.44803995	2.57708939
0	0.02	0.40985925	0.55126282	0.61865939	0.65760188	0.43197746
0.147	0.131	3.6741438	3.91857232	3.57484372	3.86249467	3.67811515
0.234	0.201	3.47964113	3.59467668	3.27310125	3.4675356	3.62491984
0.008	0.016	1.2427716	1.14465975	1.29540868	1.30349835	1.5353258
0.032	0.041	0.72541206	0.76860749	0.56486537	0.83094597	4.18236761
0.008	0.008	2.3283991	2.31460318	2.39434329	2.49445648	2.44275124
0.04	0.041	2.48303933	2.44836574	2.68986148	2.8016182	2.63111663
0.048	0.061	1.94568364	1.98199175	1.80475406	2.04561696	1.94906056
0.071	0.094	2.50091216	2.51851109	2.35657954	2.60477299	2.37352293
0.028	0.029	1.40297745	1.25321511	1.42854094	1.52333317	1.59585035
0.179	0.205	4.05899815	4.13714555	4.31553719	4.39744148	4.15321352
0.044	0.025	2.64608664	2.71517939	3.08712718	3.08261655	2.89528691
0	0.004	0.27131756	0.37401416	0.29255688	0.37196281	0.71539123
0.024	0.02	1.35276801	1.37615411	1.2724368	1.51727363	1.34641329
0	0	0.1411959	0.13564853	0.10484148	0.17055887	1.00E-04
0.206	0.127	3.02343392	3.12679182	3.17664079	3.21714999	3.1918988
0.008	0.008	0.99464661	1.01491356	1.20864621	1.24193736	0.72458141
0.107	0.086	1.82161318	1.92287895	1.79916572	2.02622863	2.21865921
0.012	0	0.58711647	0.75689574	0.58542099	0.59569456	0.94241105
0.004	0.004	0.32704575	0.39225761	0.30870206	0.3877096	0.57430059
0.016	0.02	1.27197065	1.31493474	1.44738993	1.64180162	1.6881471
0.278	0.246	4.08178219	4.17912148	3.90745521	3.95643447	4.11487749
0.056	0.045	1.81517584	1.99206377	2.64664937	1.80422935	2.40372314
0.341	0.32	2.86352897	2.90744461	2.61720283	2.86894156	3.46899947
0.008	0.008	1.45413567	1.9134767	2.13530562	1.78242495	2.8622745
0.06	0.061	0.76413653	0.91060473	0.66031112	0.90872748	1.55542929
0.421	0.385	5.46396026	5.40156041	5.38794966	5.38420875	5.25108856
0.135	0.152	3.22968664	3.22862017	3.18714134	3.31614637	3.2124982
0.266	0.262	4.12634129	4.16662426	4.50118147	4.42044945	4.26388913
0.274	0.275	3.78800333	3.76260258	3.55073007	3.71094049	3.943731
0.091	0.086	2.56255926	2.61616498	2.24061091	2.4655932	2.95667921
0.183	0.115	3.20425644	3.36032775	3.24498574	3.3454592	3.39075713

0.139	0.148	3.34799443	3.4930979	3.15678965	3.4230471	3.23584454
0.254	0.193	4.09359247	3.96177733	3.71225865	3.96288252	4.34243932
0.214	0.184	3.3435238	3.4936934	3.09046572	3.30189978	3.48958734
0.06	0.049	1.90574762	1.98732248	2.0642469	2.18013683	2.09386183
0.635	0.709	4.38280712	5.23357693	4.1415266	4.40728454	4.67917336
0	0.004	0.12529759	0.36370528	0.06272263	0.02033531	0.24211143
0.139	0.148	2.71685097	2.90906228	2.63838176	2.83540787	2.87818483
0.063	0.102	2.1954759	2.42767675	2.24600777	2.31797681	2.43651511
0.163	0.16	3.19466514	3.39350327	3.412732	3.46836243	3.46946718
0	0	0.09600328	1.00E-04	0.01971465	0.02014763	1.00E-04
0.139	0.082	3.60648872	3.68799087	3.33230437	3.54728853	3.22537509
0.206	0.168	3.89504278	4.04266549	4.07266772	4.12342214	3.8233777
0.012	0.004	0.06483518	0.02950582	0.03405512	0.05791346	0.11557535
0.294	0.172	5.58553023	5.75696882	5.33683389	5.38048248	5.16773862
0.012	0.008	1.89517432	1.84107683	1.86769198	1.97731508	1.87230044
0.036	0.066	1.84257534	1.93966091	2.21952919	2.39428011	1.85028447
0.036	0.057	1.95680148	2.29526986	1.89189174	2.07285193	1.98998576
0.635	0.582	5.06990973	5.39710348	4.74591637	4.89838986	5.16641202
0.159	0.156	3.08523979	3.13354343	2.90112677	3.0605556	3.27564997
0.103	0.123	2.91068643	2.82782395	3.34454156	3.25883432	2.97246926
0.159	0.139	3.35297911	3.47333265	3.99346684	3.95526388	3.48078436
0.016	0	3.39587745	3.60616812	3.61139151	3.8433151	3.4619857
0	0	0.56278966	0.79133828	0.35281552	0.48677574	0.42807026
0.063	0.045	1.97694859	2.00008019	1.53033856	1.54172173	1.2609927
0.004	0	1.38078865	1.61737632	1.40034614	1.43608088	1.64461754
0.087	0.07	2.68819916	2.80527991	3.46830151	3.36224038	2.92350154
0.036	0.053	3.24333776	3.20604322	2.93430719	3.06485096	3.21269303
0.226	0.25	5.7724273	6.56430552	5.41246639	5.47889786	5.86336014
0.028	0.041	0.99340508	1.00410838	0.97334131	1.19294862	1.13707951
0.063	0.061	1.72137996	1.80819449	2.00597256	2.01509359	2.05020665
0.25	0.209	3.51334461	3.64902986	3.16168427	3.39810781	3.78154999
0.175	0.156	3.10544757	3.18314252	3.1490686	3.21420084	2.91116317
0.008	0.004	0.429352	0.38203437	0.27494769	0.2292282	0.67864965
0.107	0.098	1.36252772	1.36052662	1.19336975	1.35958537	1.31605124
0.341	0.299	4.660336	4.66024534	4.24780655	4.31382412	4.8447038
0.067	0.098	3.87281605	3.81265684	3.27503811	3.46263466	3.54626702
0.004	0	1.00E-04	0.00886759	0.02063196	0.0392367	1.00E-04
0	0	0.81443843	0.92581765	0.70725122	0.87399883	0.63609475
0.119	0.119	3.01948672	3.09447416	3.66520853	3.59450721	3.13177187
0.115	0.086	5.0027927	4.71358916	5.02180429	5.0291986	4.54334754
0.032	0.037	1.99871863	2.15163143	2.39340428	2.38322466	1.74168945
0.163	0.139	3.07956644	3.10149189	3.10404993	3.21993514	3.15826905
0.099	0.086	2.67554799	2.69873329	2.68738281	2.78771109	2.8556779

0.159	0.107	3.60793258	3.59622181	3.45771291	3.70588345	3.76263898
0.028	0.053	1.96640333	2.14778509	2.18188211	2.35323333	1.68934213
0.016	0.016	2.22193485	2.23660869	2.52140037	2.2811668	1.87944898
0.615	0.557	0.81633172	1.10486684	0.6714638	0.61670334	3.85707852
0.377	0.275	7.16343119	7.37787423	6.91157228	6.83620774	7.20422007
0.115	0.152	2.23340693	2.55553949	2.29559306	2.54985053	2.4744593
0.056	0.057	2.12616365	2.05456236	2.20809415	2.37226948	2.15219436
0.187	0.139	2.88769612	2.95480392	3.24858897	3.23191987	3.26632093
0.056	0.086	2.07850917	2.37435565	2.65640617	2.61290515	2.3043032
0.726	0.689	6.13548245	6.47031668	5.87221095	5.91267469	6.2073784
0.087	0.086	2.53669625	2.63978874	2.34787864	2.52253924	2.74600222
0.214	0.184	4.72017553	4.66964791	4.989593	4.87416558	4.73767513
0.623	0.52	5.34881229	5.5508106	5.30257878	5.39441144	5.35036097
0.091	0.086	3.10273086	2.94182651	2.44462525	2.51627515	3.32438729
0.345	0.381	4.82928259	4.87198325	4.61793762	4.48174613	5.02007996
0.004	0.008	2.36368575	2.27700954	2.47540542	2.56232679	1.98870538
0.155	0.205	5.37766491	5.33365754	5.03321155	5.15873923	5.47326368
0	0	0.09163865	0.04291992	0.11632047	0.10605559	1.00E-04
0.008	0.033	1.3624721	1.33423851	1.12859678	1.3565441	1.35716416
0.067	0.127	2.83419046	2.93525839	2.76908472	3.01391271	2.90626015
0.056	0.082	2.02574115	2.16661408	1.9477421	2.09074614	2.3207178
0.004	0.02	1.01821388	1.02837762	1.18082401	1.39408128	1.23031713
0.032	0.045	1.30873723	1.2225398	1.27036522	1.63334179	1.62839316
0.075	0.074	2.91263514	2.8571912	2.60581475	2.92952794	2.90448553
0.456	0.262	4.93194174	5.05054646	5.88817452	5.27687314	5.49887441
0.409	0.488	3.04086761	3.32890097	3.76360939	3.78866185	4.31696324
0.611	0.525	4.47994904	4.46527654	4.88204021	4.8417992	4.7792543
0.04	0.033	1.19434096	1.30544074	1.26029001	1.3988245	2.07912695
0.012	0.012	1.04113542	0.99775533	0.9781842	1.07407233	1.10421476
0	0	1.00E-04	0.0094943	0.0101412	0.00364723	1.00E-04
0	0	1.00E-04	0.0465243	0.01130078	0.02526836	1.00E-04
0.032	0.053	1.7818341	1.52794517	1.5309284	1.69975427	1.65753301
0.04	0.066	2.33570848	2.47366467	2.27147949	2.48998365	2.13926974
0.016	0.037	1.24126941	1.3234776	1.29927069	1.39617565	1.23510749
0.004	0.004	0.24176909	0.23824147	0.07132335	0.08656202	0.0552687
0.052	0.049	2.11176904	2.17694139	1.81680805	2.0279751	1.80245064
0.123	0.115	3.92697017	3.80437999	3.88170775	4.02108382	3.93984357
0.21	0.184	3.66550158	3.80691773	3.72866279	3.81000973	3.85731197
0	0	0.0163821	0.02944728	0.03801988	0.04213952	0.2365878
0.04	0.029	1.97513322	2.10719918	2.48666839	2.40879961	2.21360224
0.131	0.131	2.34028992	2.4949595	3.07795921	2.98881895	2.56043345
0.004	0.008	0.64259232	0.78379295	0.33034511	0.41090973	0.40799575
0.464	0.414	4.69602579	4.90259238	4.63832924	4.7630223	4.66934293

0.008	0.029	0.24520302	0.29033189	0.24284232	0.25533294	0.98255128
0.278	0.25	4.02728881	4.31703113	4.16531064	3.95005067	4.19721594
0.135	0.164	2.61434947	2.73585723	2.81653643	2.87010326	2.38655311
0.091	0.061	2.96859517	3.12555868	2.85063903	3.10542483	2.90364295
0.187	0.176	5.67004011	5.66006494	5.39812345	5.55333344	5.55847162
0.04	0.037	2.95311417	3.01635258	3.40032758	3.37589955	2.32144644
0.083	0.119	2.78273934	2.94975874	3.47477851	3.47008218	2.77915135
0.139	0.086	5.51813139	5.45953198	5.2916746	5.43987852	5.10250872
0.151	0.164	2.85669304	3.03120668	2.83360495	2.96222334	2.80243389
0.067	0.025	0.80356659	0.8180281	0.66412218	0.67002968	0.99552863
0.206	0.205	4.13026544	4.24725971	3.70829193	3.83969418	2.89337828
0.036	0.016	0.3541464	0.2667755	0.22259042	0.23312015	0.52040577
0	0	1.00E-04	0.08032887	0.14272165	0.13069828	1.00E-04
0.004	0	0.3298898	0.39679298	0.73404096	0.55387368	0.84951782
0.119	0.082	2.5462922	2.73364935	2.97551137	2.95832018	2.74442906
0.02	0.012	0.75577317	0.78309735	0.6994305	0.80776406	0.89996528
0.103	0.061	2.72785875	2.85506624	2.5820623	2.73969116	3.00688963
0.413	0.426	4.10612335	4.28968054	3.8068022	3.8756374	4.3079364
0.123	0.107	2.31285847	2.48264318	2.02608012	2.38272681	2.60348395
0.024	0	0.4898279	0.6093025	0.61516483	0.81702952	0.93767378
0	0	1.00E-04	1.00E-04	1.00E-04	0.0044355	1.00E-04
0.115	0.086	2.9809889	3.09010873	3.05669261	3.27054758	2.9485043
0.016	0	0.51978127	0.74653037	0.6071673	0.66907342	0.55824271
0	0	0.70532059	0.57814728	0.65168126	0.752261	0.81887259
0.024	0.037	1.33151503	1.24542442	1.49820115	1.77302196	1.33451948
0.04	0.025	2.11434696	2.30234532	1.91861764	2.28384963	2.18144338
0.008	0.004	0.63116375	0.47492075	0.68428421	0.7448829	0.54300029
0.079	0.09	2.3291043	2.11894597	2.05978002	2.40344831	2.31285131
0.087	0.102	2.78104745	2.99911928	2.22984575	2.40277963	2.62115258
0.183	0.164	3.31197061	3.4074938	3.8245698	3.84107838	3.44090596
0.095	0.102	3.71994241	3.96535508	4.02235598	4.02672538	3.52411287
0	0.008	0.08800573	0.20215983	0.1397379	0.15677522	0.3535254
0.048	0.025	2.27356632	2.12555973	2.73612461	2.7010493	2.30206407
0.27	0.254	5.3685136	5.2300087	4.73664169	4.98703809	5.63651469
0.06	0.082	2.57690721	2.76572886	2.73833146	2.72619623	2.8554613
0.123	0.131	3.6124972	3.71050656	3.55331995	3.67932838	3.51000339
0.06	0.07	2.31074252	2.42446985	2.24891491	2.36584821	2.43323669
0.56	0.508	4.77384296	4.95018896	4.47773219	4.69626405	4.8533553
0.04	0.016	1.53577353	1.7719214	1.81679056	1.92581804	1.76024024
0.317	0.324	4.85959307	5.19594963	4.59751396	4.81149071	4.87119283
0.198	0.266	3.67202131	3.67922766	3.42970316	3.82773026	4.03683705
0.063	0.086	3.23379555	3.19121125	3.0834101	3.35486766	3.09699725
0.028	0.025	0.2447655	0.59776709	0.53417139	0.52390879	1.00E-04

0.405	0.455	4.62531188	4.83574571	4.29808672	4.42008099	4.31623381
0.02	0.008	0.94504524	1.04187866	0.94271477	1.16011775	0.98698285
0.016	0.004	1.90708315	1.81650427	2.11066899	2.18459914	2.56758997
0.004	0.033	1.12045059	1.07916294	1.46732957	1.41993171	1.25002082
0.349	0.381	5.06740193	5.18495651	4.92303015	5.03477677	4.93931532
0.067	0.066	2.1324991	2.00802624	2.16966599	2.47263726	2.44530153
0.004	0.012	0.21724894	0.0925835	0.07795425	0.09770493	0.15274119
0.23	0.189	4.42906583	4.37622855	4.50996907	4.53337607	4.56257208
0.167	0.254	3.25963294	3.52716675	2.88438085	3.20778965	3.0766029
0	0	1.2432036	1.33603646	1.15508028	1.40951028	1.14715061
0.024	0.012	2.20945696	2.35415202	1.91097656	2.14294572	2.31345544
0.052	0.049	2.27370974	2.30450133	2.41910988	2.46856705	2.27882795
0.083	0.107	2.35123613	2.44382583	2.21812866	2.45289711	2.62123962
0.048	0.053	3.32132491	3.17639822	2.99569219	3.37897034	3.36229428
0.23	0.324	3.95759173	4.0431767	3.67761126	3.87372124	3.86268509
0.016	0.016	0.40598606	0.37840028	0.25299259	0.46526362	0.49892428
0.044	0.012	2.15440103	2.21563658	2.27095184	2.26402794	1.93022817
0.048	0.111	1.98851228	1.96040492	2.23991559	2.32895679	2.02489939
0.012	0.016	0.93485752	0.91715594	0.99907171	1.05556582	0.55078823
0.143	0.139	2.89685319	3.24128811	2.87675702	3.20504924	2.87781065
0.032	0.029	1.4416632	1.73589386	1.24610766	1.54645949	1.70919276
0.044	0.033	2.0430804	2.04686975	2.00583708	2.19233611	1.95075917
0.063	0.086	1.94207368	2.16507822	1.97430325	2.16336827	2.14020412
0.238	0.184	3.45033493	3.75263077	3.68928072	3.59923001	3.62133594
0.171	0.209	3.65622177	3.67652366	3.52271183	3.71239205	3.57296727
0.504	0.484	4.96413011	5.16357821	4.6609446	4.8062004	4.99683223
0.012	0.016	1.09988249	1.09468604	0.97951531	1.23204169	0.94308542
0.004	0.004	0.70420306	0.6380957	0.7487531	0.85505643	0.47448047
0.008	0.008	0.18372065	0.20261411	0.12771051	0.19109181	0.27866164
0.052	0.02	2.29204996	2.27379194	1.988301	2.25102409	2.14242431
0.155	0.189	4.00539413	3.91067492	3.43355515	3.59623767	3.28252841
0.004	0	0.93481906	1.15442132	1.08754567	1.16781964	0.86849585
0.139	0.127	3.06842862	3.19932908	2.9426264	3.15159231	3.05706999
0.024	0.004	1.3270434	1.54919924	1.5074148	1.68421483	1.51113263
0.016	0.029	0.95643472	0.93274934	1.17012177	1.16729897	0.98176953
0	0.033	1.45231179	1.41814577	1.31522076	1.58081003	1.48743802
0.087	0.057	2.16503755	2.2452714	2.23423405	2.50578213	2.71107126
0.052	0.061	2.28198574	2.44476129	2.35186794	2.47833414	2.48157388
0.028	0.057	1.80053721	1.97950966	1.66826328	1.8295051	1.92830463
0.028	0.033	1.6832407	1.45193278	1.47870004	1.66639557	1.40905469
0.044	0.029	2.22276255	2.16783957	2.02175347	2.22667266	2.06910005
0.071	0.033	2.19347537	2.10510336	2.16022689	2.10158127	2.63319442
0	0	0.12643912	0.22163948	0.20811011	0.20920642	1.00E-04

0.032	0.025	1.86766825	1.94084413	2.07715112	2.21516315	1.95891104
0.024	0.029	1.65414837	1.58415849	1.54640451	1.65470346	1.6253426
0.079	0.057	2.08601068	2.15299829	2.18502356	2.28166987	2.62509612
0.032	0.033	1.84568501	2.03093052	1.93632522	2.09647395	1.70797377
0.012	0.012	1.41031334	1.46898146	1.54405964	1.79553272	1.28627878
0.052	0.037	1.95047938	2.03997944	1.88828496	2.24422237	2.13105616
0.04	0.057	2.01925574	2.19184213	2.16552004	2.32702493	2.29787877
0.004	0.025	1.03599469	1.07423685	0.98402279	1.1021665	0.83765988
0	0.004	0.00811254	0.0199217	0.02841093	0.04294059	1.00E-04
0.258	0.217	4.50963	4.74225637	4.60374342	4.5372344	4.56627991
0.02	0.016	1.04587223	1.07387708	1.48902165	1.5349062	1.16073883
0.028	0.016	1.28660659	1.3238246	1.52623955	1.59589699	1.55150958
0.032	0.029	1.50339362	1.53761163	1.82549003	1.84449324	1.31870825
0.012	0.008	1.51395043	1.43150742	1.19446122	1.40632132	1.05903857
0.044	0.045	1.17251377	1.2533557	1.11875508	1.52173216	1.03435597
0.246	0.332	3.72643937	3.59299226	3.65413918	3.69992243	3.71558706
0.008	0	0.7632102	0.73311846	1.02819767	1.11097413	0.92295436
0.143	0.189	3.50105197	3.43890263	4.0628442	3.97912995	3.59495844
0.004	0	1.14597855	1.00635355	1.29246038	1.33753402	1.22980158
0.151	0.189	2.55410905	2.68196363	2.66163293	2.89308624	2.65031331
0.016	0.025	1.35828869	1.34853949	1.31696627	1.44309503	1.0449351
0.036	0.041	1.76770727	1.80501301	2.19385428	2.27380855	1.70679476
0.028	0.041	1.7090143	1.63563954	1.61352067	1.79821066	1.44014149
0.012	0.004	0.32724441	0.40406943	0.36252261	0.25910772	0.23306931
0.032	0.025	1.83142297	1.91358241	1.73289141	1.85515826	2.06602979
0.036	0.025	1.27934451	1.34990829	1.47752632	1.54950658	1.55537163
0.044	0.041	1.49264776	1.61578943	1.6769926	1.81337442	1.49204123
0.008	0.02	1.08329493	0.99261452	1.19920077	1.36763865	1.02082664
0.028	0.025	1.56994421	1.5979232	1.48206776	1.65808092	1.59902408
0.04	0.029	1.6203732	1.59295075	1.52808792	1.66688429	1.6031066
0.222	0.213	4.07159091	4.27433566	3.68955639	3.80318166	4.182475
0.008	0.012	0.9712775	1.11398133	1.01000416	1.13862277	0.70039927
0.091	0.139	2.99776641	3.17737644	3.30368884	3.24003385	3.03186719
0.099	0.066	2.87818384	2.78529022	2.70752877	2.84960167	2.74924463
0.032	0.033	1.88715925	1.85899026	1.83684474	2.05143126	1.97576912
0.056	0.057	1.88981506	1.90903166	1.98411134	2.06384936	2.00550732
0.091	0.119	2.51296505	2.53205317	2.23186019	2.56115183	2.79269111
0.008	0.045	1.26925329	1.42545539	1.07103693	1.52439867	1.23524223
0.036	0.025	1.16047267	0.99937355	1.11162172	1.34015872	1.39574334
0.075	0.094	2.48917905	2.57476884	2.03259276	2.52621941	2.63804568
0.036	0.025	2.47451235	2.42057935	2.79724964	2.7222766	2.30052518
0.048	0.025	1.68391983	1.69726369	1.82862992	1.98618632	1.95595803
0.024	0.049	1.78534946	1.64221879	1.4761025	1.69525626	1.53236757

0.032	0.016	0.99296939	1.12780072	1.02566762	1.29999828	1.14437892
0.163	0.123	3.64608747	4.00380913	3.88324096	3.43035647	4.34513568
0.028	0.025	1.84442026	1.80556348	1.92305042	2.15408039	1.83083169
0.107	0.139	2.63113458	2.5290787	2.63258559	2.80896349	2.6268826
0.004	0.025	1.06695803	1.22764812	1.12338914	1.19835043	1.18794692
0.123	0.102	2.45615032	2.46177694	2.41203861	2.49281109	2.99955855
0.27	0.275	4.62807486	4.75417412	4.411652	4.55698127	4.59464276
0	0	1.00E-04	0.02052423	1.00E-04	1.00E-04	1.00E-04
0.024	0.02	0.88723605	1.05642948	0.96572661	0.99682451	0.92053484
0.095	0.086	2.48684078	2.64599902	2.30319866	2.37296469	2.72445114
0.206	0.254	3.89613999	3.99050027	3.55937562	3.8007	3.88150069
0.071	0.066	2.48173563	2.40548907	2.67102461	2.62993423	2.70938101
0.044	0.029	2.21780199	2.28626908	1.97738758	2.08576601	2.18723848
0	0.02	1.39342819	1.3690676	1.28463444	1.55296141	1.43829482
0.008	0	0.9372347	0.98783175	0.86060939	0.97757019	0.88340102
0	0.004	0.19254188	0.19596044	0.24495935	0.19532404	0.36328367
0.048	0.029	0.95485178	1.05435642	1.05708209	1.22574437	1.13657668
0.008	0.004	0.52128796	0.55781603	0.6104974	0.70504591	0.26035819
0.603	0.566	4.50781064	4.64273086	4.21929084	4.38740993	4.74705665
0.008	0.033	0.9863457	1.09649484	1.30241764	1.39920766	1.41405935
0.004	0.029	0.92832612	0.79722615	0.66005311	0.85166893	0.96958295
0.016	0.016	1.41898391	1.58585067	1.41060068	1.69104999	1.04085389
0.032	0.029	0.96383063	0.98004388	0.9296302	1.0708234	1.94119832
0.024	0.02	1.56360918	1.57436249	1.63224312	1.87223116	1.58282809
0.02	0.012	1.3196644	1.51131337	1.39077532	1.64642877	1.27689111
0.004	0.004	1.63747373	1.83682596	1.66464657	2.01497497	1.52650618
0.06	0.025	2.41680902	2.33609794	2.30750191	2.47884237	2.35694377
0.056	0.049	2.31816647	2.27017552	2.0191602	2.26899419	2.60568208
0.036	0.057	2.51210341	2.53495504	2.40263408	2.51002848	2.75926057
0.008	0.02	1.234394	1.02297985	1.27145693	1.31502703	0.9767417
0.02	0.041	1.58745708	1.75854792	2.09887085	2.20231692	1.64611481
0.063	0.119	2.34137884	2.40830707	2.79586738	2.95280287	2.41330964
0.008	0.004	0.85614694	0.81663624	0.76772746	0.8952247	1.0661444
0.274	0.209	3.92317599	3.92922278	3.7976644	3.88592352	4.02453753
0.052	0.082	2.38806036	2.38416955	2.1262148	2.3513445	2.04024159
0.067	0.102	3.10138924	3.04288054	3.66641789	3.64236528	3.13204786
0.119	0.098	1.74795522	1.89355601	1.69197275	1.98094352	2.02562133
0.012	0.037	1.42982959	1.77919214	1.77238939	1.88337166	1.50770547
0.036	0.078	2.13884671	2.27517958	2.19086579	2.36782231	2.48020593
0.119	0.086	2.52732277	2.57213236	2.51719474	2.79014446	2.61340519
0.087	0.049	1.86682893	1.95239518	1.62219145	1.78745073	1.56064445
0.02	0.016	1.6342018	1.40303696	1.46170465	1.60579999	1.9716667
0.04	0.025	2.2337737	2.01516751	2.10637425	2.13574071	2.29071127

0.056	0.037	2.64552011	2.65280387	2.3524811	2.56754687	2.59047733
0.032	0.016	1.23037841	1.30798844	1.05250666	1.2315684	1.05699199
0.028	0.008	0.92191189	0.77505026	1.08192746	1.13920797	0.83468422
0.071	0.07	2.77999871	2.71928601	2.35198563	2.78288238	2.16721071
0.044	0.049	2.40645057	2.54623928	2.34288059	2.60715432	2.3668488
0.02	0.025	1.44848086	1.28205865	1.36357006	1.58401285	1.61094046
0.107	0.066	2.72320452	2.76607347	2.52910456	2.77791874	2.77702582
0.063	0.045	2.38980264	2.28864731	2.42111845	2.47568083	2.62901783
0.02	0.02	1.77425211	1.58793148	1.43930876	1.40856534	1.84906964
0.063	0.045	1.6573453	1.79714078	1.7605238	1.90905241	2.18662601
0.032	0.037	2.29797335	2.57465017	2.79692924	2.76221783	1.97481477
0.056	0.049	2.98219463	3.08562582	2.9293871	3.09972018	3.00319137
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0	0	0.20801934	0.2537395	0.1971727	0.20834424	2.63849831
0.095	0.049	1.19684421	1.15655092	1.06431845	1.22761575	1.86691269
0.198	0.205	3.77866681	3.9607558	3.54314535	3.69769441	3.81728009
0.087	0.184	3.26638967	3.43915818	3.1990565	3.45696275	3.09338921
0.063	0.066	2.06266616	2.11966863	1.97904951	2.23715548	2.26968504
0.119	0.111	2.78030225	2.78126199	2.63249256	3.03713574	2.92720034
0.02	0.008	2.12227217	2.32612957	1.93171338	2.00112487	2.86150544
0.004	0.008	0.4663181	0.44910935	0.30046653	0.39912462	0.23214403
0.012	0.012	1.09040589	1.04507047	0.79162137	0.93595639	1.01561361
0.004	0	0.63765032	0.44329962	0.32073816	0.37265866	0.38299541
0	0	0.01085914	0.01544624	0.02948056	0.05470737	0.09131952
0.099	0.045	2.42891045	2.38879231	2.62632163	2.72669451	2.49937947
0.087	0.115	0.93222233	0.85868356	0.72185412	1.00558657	1.95836489
0	0	0.19136963	0.11521092	0.13697359	0.18662857	0.38577884
0.016	0.004	1.28225399	1.0561365	1.13487919	1.34109001	1.37558753
0.083	0.111	2.42924295	2.49373483	2.23941735	2.48078183	2.74607362
0.004	0	0.20662084	0.32100499	0.23300822	0.24456551	0.36750422
0.484	0.393	5.08941494	5.26574141	4.5628222	4.66511719	5.16618164
0.028	0.037	1.15745994	1.26215933	1.5286005	1.56937107	1.36701603
0.087	0.086	2.52592672	2.61531709	2.12395694	2.41497387	2.66507009
0.119	0.127	3.79169742	3.96954383	3.61328682	3.79328985	3.86046523
0.103	0.115	2.20863587	2.51956261	2.76043389	2.71724922	2.42088714
0.036	0.012	2.17921652	1.97154708	1.91637269	2.12954997	1.51892799
0.008	0.016	0.58604856	0.68944192	0.97891492	0.95527871	0.76055372
0.02	0.029	0.89031212	0.89742202	0.83903692	1.15241458	0.91024154
0.107	0.09	2.61451907	2.72686046	2.50131148	2.69297481	2.56844293
0	0	0.23336102	0.32049823	0.18232969	0.22644653	0.22102178
0.02	0.008	0.96199627	1.11525989	0.90504892	1.14405037	1.40839976
0.056	0.09	2.2735454	2.42629532	2.41882736	2.61091303	2.35031048
0.123	0.102	2.77914428	2.7185303	3.39451547	3.32106752	2.79384446

0.202	0.217	2.90119055	3.11292105	2.76866566	3.11348417	3.06089596
0.048	0.045	1.60258586	1.48341574	1.52768983	1.75075874	1.73515953
0.024	0.008	1.37778828	1.55810401	1.28288696	1.48340666	1.24324668
0.016	0.004	0.72157736	0.74933912	0.72161711	0.84776399	0.61658401
0.214	0.176	4.2746738	4.42528365	3.72403416	4.10325037	4.37131521
0.091	0.111	3.14523446	3.28162796	3.10964489	3.28750236	3.13473902
0.04	0.025	1.66187618	1.53105228	1.32001878	1.64661734	1.42309828
0.032	0.025	1.16202766	1.37058561	1.40422284	1.43805947	1.53030362
0.103	0.127	3.38867863	3.23146255	3.07002924	3.26160422	3.46408901
0.032	0.02	1.14281741	1.35697391	1.2267672	1.36470884	1.15167713
0.012	0.053	1.36765857	1.41441177	1.26510878	1.42730364	1.22714685
0.02	0.02	1.71924132	1.77094404	1.46188134	1.64992721	1.74279296
0.329	0.246	4.2631893	4.98857741	4.02755052	4.17430813	4.42186787
0.016	0.008	0.82795948	0.80481036	0.83024907	0.90443052	0.94503676
0.063	0.057	2.38659412	2.25764289	2.08850695	2.25289513	2.60546165
0.02	0.016	1.59396997	1.6057314	1.54466498	1.82115399	1.5915209
0.008	0.029	0.23514215	0.43457827	0.33679202	0.35043178	0.3064183
0	0	0.29037442	0.52537978	0.41830856	0.35752455	0.88622195
0.004	0.008	0.0192326	0.10200909	0.01903051	0.05919682	1.00E-04
0.004	0.025	0.6998566	0.52485911	0.6586997	0.69524794	0.81795833
0.028	0.033	2.36133678	2.20959109	2.16742009	2.40315003	2.29620026
0.028	0.029	1.4816643	1.56604593	1.69613283	1.68589555	1.36510815
0	0	0.03120061	0.12293619	0.02116773	0.03973317	1.00E-04
0.04	0.037	0.54818068	0.48140897	0.83670362	0.74932389	0.61235189
0.04	0.033	2.72850683	2.72200024	2.9840338	3.02212725	2.72515031
0.032	0.025	0.40409792	0.50442203	0.47153555	0.55401747	0.1274153
0.04	0.025	1.61158493	1.6078122	1.35665483	1.51247943	2.00805994
0.008	0.004	0.80646934	0.98933998	0.94940642	1.04965135	0.86283825
0.079	0.066	2.71444144	2.96812486	2.76413361	2.95064536	2.76199499
0.048	0.061	2.21277041	2.36257805	2.06479383	2.3146816	2.27462625
0.032	0.02	1.5797432	2.17206144	1.83869182	1.98763254	1.36867359
0.004	0.004	0.34933134	0.31937984	0.3252923	0.38753105	0.27538687
0	0.012	0.66846735	0.73549569	0.72675651	0.82405937	0.74536065
0.024	0.008	0.67988837	0.70521738	0.85867805	0.94155322	0.83941311
0.008	0.012	0.70065677	0.72169346	0.72142777	0.82611148	0.65688536
0.008	0.004	0.91181051	0.76059183	1.06120765	1.12656409	1.59933173
0.095	0.111	1.92683774	1.80494225	1.33447357	1.74378822	1.4893448
0.087	0.074	2.04219914	2.22924411	2.2566282	2.29336854	2.41239798
0.067	0.053	2.29744573	2.109766	2.65795889	2.73997586	2.60505115
0.19	0.205	2.9551375	3.06603529	2.60561228	2.97089928	2.8915679
0.024	0.02	1.2870762	1.48869918	1.32373707	1.525456	1.35595484
0.02	0.02	1.44281446	1.53982083	1.68743515	1.80085043	1.74194057
0.016	0.037	1.41146585	1.39467197	1.32961907	1.7055145	1.34238837

0.071	0.053	3.55489321	3.70279309	3.09031119	3.26955811	3.99780249
0.02	0.008	1.78056404	1.80759778	1.78731637	1.99181134	1.97900705
0.187	0.164	3.73691583	3.76929484	3.56705702	3.7348416	3.9115377
0.127	0.098	2.60901677	2.55020653	2.45361646	2.48291291	2.51907078
0.008	0.008	1.16542448	0.90496227	0.67686961	0.90549231	1.14999317
0.147	0.16	2.72554567	2.61968227	3.37944374	3.31454505	2.821893
0.004	0.029	1.37972569	1.09425754	1.27421253	1.3929478	1.27645363
0.016	0.016	1.15795311	1.10869158	0.98860393	1.26996963	0.82642015
0.071	0.074	2.61814033	2.43420349	2.73835082	2.90251358	2.51646115
0.115	0.152	3.27863309	3.28705905	2.98546535	3.274431	2.88515608
0	0	0.12185132	0.12470666	0.19596929	0.20212806	0.27903935
0.008	0.012	2.36260189	2.30718923	1.59071192	1.96993984	2.65804952
0.004	0.004	0.37156356	0.43225716	0.35556179	0.49529939	0.31245538
0.016	0.033	0.60953035	0.69400159	0.57648242	0.82945439	0.91264585
0.024	0.033	0.20618365	0.17046302	0.15902039	0.13286459	0.03885978
0.004	0.016	0.92815892	0.98892802	0.99443757	0.96825637	0.72754717
0.06	0.07	0.91233165	0.81834862	1.17739637	1.1652277	0.45147745
0.016	0.02	1.30995713	1.39599028	1.20376662	1.40740426	1.01828815
0.004	0.029	0.43883152	0.5053232	0.78688102	0.87863729	0.20286304
0.016	0.008	1.32207099	1.17341739	1.19761923	1.37165397	1.51804912
0.036	0.045	1.44848288	1.37580304	1.31398083	1.63462156	1.30544761
0.032	0.025	0.41739739	0.45494494	0.55424668	0.65625554	0.44272702
0.032	0.037	1.15653895	1.35142426	1.11616355	1.34697337	1.3547221
0.004	0.008	0.49795988	0.55655843	0.55470095	0.60037198	0.67483726
0.004	0.004	0.76662954	1.04914271	0.88136082	0.90931433	0.89728856
0.044	0.045	1.29572355	1.34228319	1.44203056	1.51434707	1.67445897
0	0.004	0.28049248	0.17644512	0.25263576	0.22888402	0.56996275
0.04	0.082	2.27331353	2.1180881	1.88227904	2.16124009	2.46980142
0.04	0.02	1.4573338	1.59470166	1.54103518	1.77592808	1.84606501
0.103	0.086	1.92362869	1.95520671	1.97813916	2.17320217	2.56826474
0	0	1.00E-04	0.02844001	0.03199928	0.02889164	1.00E-04
0	0.008	1.32143663	1.3810041	1.47491562	1.61746643	1.14759308
0.115	0.115	2.8850427	3.19011675	2.71614045	3.01603806	3.00142291
0.036	0.037	2.16962329	2.18172408	2.04152336	2.36990248	2.15876432
0.095	0.078	3.02987914	3.11655426	2.87542016	3.16627056	2.90851757
0.071	0.098	2.82512358	3.00088561	2.85329704	3.03391903	2.8241507
0.063	0.094	2.50209918	2.44790956	2.35797231	2.60212012	2.45465909
0.163	0.156	3.38908559	3.62015028	3.20305627	3.3506447	3.46245186
0.024	0.016	1.2412993	1.28744203	1.08332784	1.38127757	1.23181696
0.032	0.066	2.21780294	2.22961584	1.87893883	2.15774537	1.77459744
0.004	0.012	0.86135456	0.68698652	0.68646803	0.91498189	0.97908422
0.036	0.037	1.75251498	1.77701789	1.64178625	1.9059209	1.80919031
0.02	0.012	1.39308455	1.2810917	1.46506	1.61706877	1.63365808

0.008	0	0.8396036	0.63310172	0.97655258	1.08928792	0.53187097
0.024	0.012	1.24337306	1.14845036	1.53056653	1.59636118	1.40178663
0.028	0.074	2.33969116	2.37596174	2.10033421	2.28332583	2.40888635
0.008	0.041	1.22741379	1.2049796	1.42717616	1.52268759	0.95577035
0.012	0.02	0.97548406	1.29860629	1.54935926	1.59389271	1.42419806
0.044	0.057	2.03541181	2.19481522	2.90332441	2.75722764	2.32487231
0.016	0.012	0.91733133	1.1495551	1.24153171	1.34169169	1.02877392
0.02	0.025	1.68043086	1.77361493	1.87825456	1.9347137	1.5773978
0.008	0.012	0.48904086	0.61281613	0.60679342	0.80001009	0.53898834
0.004	0.029	1.19979763	1.14461337	1.1254944	1.42085567	1.18434584
0.067	0.057	3.27580969	3.09453542	2.88159555	3.2627923	3.34253816
0.194	0.221	3.69817413	3.87296114	3.41629618	3.72161525	3.89216098
0.095	0.061	2.74302799	2.86952128	3.47208999	3.42340732	2.93435955
0.02	0.016	0.69085665	1.44103591	0.74548964	0.92263506	1.0287849
0.067	0.094	2.23475014	2.25353828	2.13656873	2.29405056	2.12090099
0.075	0.078	1.85967562	1.68805721	1.76424087	1.95089813	2.17045588
0.02	0.012	1.14877119	1.18227523	1.09789001	1.25935414	0.68249175
0.024	0.037	1.51901181	1.82599706	1.77385701	1.88326984	1.95645033
0	0.004	0.37665803	0.27044565	0.2500336	0.36513497	0.31299202
0.036	0.053	2.43521879	2.30102819	2.09711227	2.39913542	2.50874176
0.016	0.02	0.37725331	0.43070667	0.29744089	0.41223081	0.45733956
0.032	0.041	4.17473832	4.27849055	3.87002566	3.99315926	3.64972066
0.718	0.754	5.44817961	5.74278768	5.19871818	5.47427562	5.52396081
0.012	0.004	1.64543801	1.75276635	1.65464332	1.71355537	1.8198174
0.075	0.086	2.81512972	2.86798382	2.79038632	2.91279066	2.99980374
0	0	1.05169813	1.01618964	0.90561825	0.93630319	1.0600683
0.012	0.045	2.4465696	2.21537049	2.257417	2.34161796	2.51374587
0.421	0.373	4.5239338	4.93653158	4.58342541	4.66518728	4.41490977
0.004	0.016	1.27208755	1.03683283	1.04062672	1.27624432	1.1993119
0.004	0.016	1.24398808	1.13878626	1.30538539	1.38629982	0.95875589
0.02	0.016	1.69898674	1.75603722	1.52550229	1.60541624	1.56680442
0.083	0.066	2.64290556	2.77016236	3.18475357	3.11158626	2.96614994
0.044	0.066	2.33132973	2.28750265	2.18465279	2.40283349	2.25576066
0.056	0.061	2.38645017	2.39905625	2.1450327	2.25152482	2.43654347
0.024	0.025	0.86229091	1.02350638	0.92753125	1.23876336	0.69908736
0.028	0.025	1.94605125	2.26002525	1.78148325	2.06640377	1.9834901
0.036	0.012	1.39547337	1.40135945	1.20339351	1.41138813	1.57789441
0.02	0.012	1.35738502	1.48203542	1.45857424	1.68716286	1.33026892
0.008	0.012	0.71120894	0.65505792	0.52042917	0.63386641	0.36808354
0.512	0.492	5.05936477	5.04062589	4.60829304	4.77607251	4.98029362
0.099	0.086	2.12339938	2.01993222	2.16485784	2.30462005	2.07499391
0.012	0.049	2.31374689	2.28616353	2.4953551	2.5754253	2.63956743
0.579	0.52	4.90584658	5.10922294	4.65183935	4.78495637	4.99475852

0.02	0.029	1.66138573	1.60879103	1.76446482	1.87014889	1.91157946
0.067	0.086	2.73195835	2.71367433	2.60830296	2.78634428	2.948075
0.365	0.328	3.50427894	3.78491133	3.41249912	3.66391538	3.65454146
0.028	0.037	1.79097632	1.7915143	1.56572253	1.66726272	2.01497762
0.31	0.221	4.42945881	4.66592647	4.08001812	4.23128156	4.47160633
0.163	0.152	3.54866191	3.5713844	3.32838816	3.45883469	3.68850543
0	0.004	2.11356703	1.95059801	2.04642116	2.1796322	1.66241069
0.004	0.008	1.00156767	1.33536273	1.08630231	1.21142489	1.16361967
0	0	1.00E-04	0.04096706	0.06558809	0.10589715	1.00E-04
0.06	0.111	2.0060019	1.84562962	1.78044321	1.88051614	1.64920045
0.06	0.078	1.28320523	1.31935934	1.35057827	1.53969353	1.35866099
0.008	0.025	1.32043479	1.3128598	1.35714127	1.52007887	1.40907909
0.04	0.053	1.59586127	1.34584315	1.61741186	1.84070624	2.1011753
0.036	0.029	1.50668743	1.66307064	1.84612008	1.91524065	1.8739692
0.02	0.041	0.96159848	1.01953781	1.09999369	1.31528436	1.25275683
0.075	0.066	2.02733223	2.11950667	2.28833181	2.43161231	2.66590765
0.044	0.025	2.11079854	2.23520548	2.14746816	2.19584676	1.83301683
0.008	0.004	0.44408672	0.46339796	0.61044335	0.65944884	0.59392424
0.052	0.102	2.24937159	2.13301866	1.87277856	2.21106244	2.17195321
0.004	0.004	0.62176946	0.60753895	0.47825816	0.62108974	0.73535681
0.075	0.107	0.02463129	0.04293573	0.10234076	0.04506117	1.00E-04
0.044	0.045	1.81460227	2.26827306	1.77763005	2.1015	1.85090933
0.036	0.012	2.03749637	2.1152298	2.24607532	2.20507766	1.98832242
0.02	0.049	1.74080382	1.81991913	2.09438236	2.17989287	1.77742203
0.012	0.02	1.37361463	1.44691145	1.68209716	1.741836	1.54974133
0.016	0.012	1.43137322	1.62608707	1.57885683	1.76948078	1.39737205
0.143	0.115	2.4917301	2.67109188	2.38366685	2.66556966	2.8224693
0.016	0.029	1.62255755	1.62620814	1.49966248	1.62283863	1.77912522
0.012	0.004	1.44861871	1.46995613	1.39500616	1.5038874	1.90967112
0.036	0.02	1.45492487	1.0412306	1.19076255	1.36497793	1.87396133
0.071	0.066	2.42428298	2.48622925	2.35651127	2.54176416	2.64866001
0.008	0.004	0.10557269	0.15396188	0.28011123	0.22468569	0.07631624
0.004	0.016	0.87925512	0.93919814	1.57531477	1.4478222	1.62790788
0.091	0.07	6.36709275	6.46008328	6.18480862	6.21049878	5.67873833
0.27	0.328	4.00812684	4.00756965	4.79915605	4.76141064	4.24804329
0.02	0.045	1.77344065	1.85650911	1.71828823	1.95098675	2.05215942
0.048	0.02	1.58045317	2.02747003	1.57368339	1.59622014	1.91415909
0.02	0.012	1.26859099	1.20427408	1.20478522	1.26352393	1.27499126
0.187	0.164	3.86658644	4.14190283	3.73230311	3.93573262	4.95052688
0.016	0.025	2.20541351	2.01234988	2.17404305	2.29478978	2.5112058
0.004	0.008	0.64397899	0.42594683	0.46046609	0.47715012	0.5162867
0.008	0.012	0.86927299	0.96074914	1.10799941	1.14546112	1.2809611
0.056	0.074	2.00970753	2.07709434	2.08980133	2.36665743	2.14004615

0	0	0.33207562	0.34537495	0.42871938	0.48622962	0.38057743
0.016	0.008	0.47848961	0.379791	0.45997531	0.49729606	0.40848154
0	0.012	0.53091643	0.5779966	0.54619811	0.64555704	0.80024034
0.206	0.221	3.11835105	3.2330479	3.13887241	3.44292922	3.53674719
0.107	0.094	1.51668481	1.41015871	1.21568894	1.39439963	1.11964464
0.063	0.045	2.3159891	2.52681713	2.32678906	2.48376037	2.38228863
0.222	0.189	2.89319689	3.08053479	2.87037218	2.98045194	2.90519022
0.012	0.012	1.21757234	1.39308654	1.39312134	1.45605766	1.3133693
0.028	0.025	1.33276792	1.5242636	1.47153932	1.64157662	1.61762759
0.075	0.098	3.17788307	2.93535391	3.26035298	3.29452631	2.97373087
0.04	0.02	1.09698446	1.07934129	1.43727161	1.45441757	0.99010089
0	0.004	0.10068008	0.14726272	0.28552929	0.24280339	0.13129807
0.004	0.016	0.46276687	0.47481182	0.4703398	0.48524401	0.34430957
0	0	0.01019277	0.04604556	0.06520862	0.0825847	0.04629432
0.04	0.049	1.55699433	1.73622588	2.25540856	2.24318057	1.60901164
0.048	0.07	1.57879407	1.63553199	1.58896433	1.86032668	1.63332071
0.06	0.029	1.471326	1.36067558	1.32297951	1.48866572	1.82432135
0.036	0.074	1.82917722	1.95364983	1.51114731	1.86413777	1.60327399
0.008	0.004	1.06680433	0.94414236	1.12970929	1.25015795	1.01546951
0.024	0.012	0.85376747	0.90953952	0.8873833	1.05828485	0.82306752
0.087	0.078	3.6922081	3.64087524	3.52324295	3.63958655	4.19730253
0.004	0	0.09552474	0.14577858	0.10884013	0.11191429	0.07039817
0.06	0.086	3.3199597	3.225581	3.2218677	3.55266514	3.39125472
0.063	0.033	1.60437455	1.55224973	1.56204576	1.66743514	1.63664314
0.079	0.082	2.42583414	2.50193181	2.42302416	2.72801795	2.47348739
0.036	0.061	1.97718032	2.10708167	2.33983207	2.48154796	2.62226137
0.008	0.004	0.75638026	0.95791256	0.92135522	1.05990213	0.88988018
0.028	0.02	1.18241577	1.33735292	1.36258794	1.60476237	0.8471087
0.048	0.057	1.74109434	1.69933528	1.58388306	1.65730397	1.60696959
0	0	1.00E-04	1.00E-04	1.00E-04	0.00260544	1.00E-04
0.31	0.258	3.96767846	3.99683732	3.93735855	3.90719211	3.79657255
0	0	0.47665851	0.21238266	0.2746144	0.18671837	0.7897077
0	0	0.25448133	0.17238392	0.10065576	0.166503	1.00E-04
0.04	0.041	1.58847911	1.68626965	1.48410084	1.55577395	1.79030888
0	0.004	1.15995486	1.03942372	0.87910041	0.89435864	1.44651876
0.087	0.102	3.19941401	3.35041055	2.80675485	2.98658835	3.10365535
0.044	0.057	2.91595196	3.26164712	2.99931536	3.25723646	2.84122785
0.012	0	1.00970872	1.05244312	0.83074421	1.20312571	0.91747606
0.27	0.34	0.15943541	0.55159905	0.38120292	0.43322669	0.4293732
0.008	0.012	0.82666695	0.71213105	0.61749932	0.7396498	0.65438674
0.095	0.135	2.43119812	2.34790768	2.86604322	2.73456253	2.60656113
0.02	0.037	0.11625139	0.13229796	0.11043643	0.15300809	1.00E-04
0	0	0.36826138	0.28004657	0.44605672	0.40308199	0.23074373

0.032	0.07	2.69169949	2.44671213	2.55187378	2.68433201	2.47063789
0.004	0.008	0.44590576	0.48023068	0.41509582	0.63030115	0.4510728
0.024	0.037	1.55019177	1.61211277	1.48015054	1.64643155	1.61794083
0.063	0.082	2.01792215	1.79680598	1.92483707	2.08331902	2.13363415
0.123	0.061	2.80843211	2.70770588	2.73932577	3.07804408	2.79570432
0	0	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04	0.049	3.37635461	3.41314979	3.27770881	3.43137547	2.99386482
0.024	0.008	0.87549742	1.01317593	0.99583023	1.13742071	1.11397866
0	0.008	0.83611338	0.57697625	0.66194514	0.64945895	0.58179178
0.008	0.012	0.1829104	0.23399229	0.09168066	0.06789525	0.3477506
0	0	0.00985591	0.04055079	0.03758936	0.0490567	1.00E-04
0.111	0.131	2.24250379	2.37346886	2.27371944	2.58844614	2.31461368
0.056	0.02	1.65974771	1.73551581	1.74765458	1.91033507	1.63035005
0.008	0.012	1.16671015	1.25837526	1.24528624	1.39994759	0.8346375
0.004	0	0.24575214	0.18040697	0.16860792	0.18984057	0.54671007
0.008	0.012	1.11529246	1.20427621	1.20249699	1.25082171	1.49032069
0	0	1.00E-04	0.03755338	0.03019753	0.06301335	1.00E-04
0.012	0.004	0.74105237	0.59533692	0.73232126	0.8706103	0.92174072
0.04	0.074	2.20991939	2.142028	1.69580011	2.10412766	2.11545729
0.202	0.18	3.92159743	5.08025809	4.11487813	4.19506209	4.62427192
0.242	0.287	3.69418683	3.85867233	4.45506144	4.35536747	3.94436593
0.044	0.016	1.31158944	1.4968962	1.95393226	1.89064502	1.58966612
0.04	0.029	1.14336462	0.93607163	0.88673983	1.26206777	1.40924508
0.187	0.23	4.0790184	3.86564427	3.7259073	3.91905046	3.99049019
0.155	0.156	2.74869783	2.74939376	3.48400873	3.45035126	2.99811014
0.067	0.053	2.15321832	2.28464738	2.81613762	2.82363691	2.75543739
0.183	0.172	3.88682477	4.07852547	3.92128619	4.07376957	4.34049688
0.397	0.344	4.84919623	4.952118	4.50022168	4.68703996	4.91564405
0.028	0.045	2.28964868	2.45647147	2.05590868	2.47409958	1.729886
0	0.004	0.04292285	0.06915614	0.10333855	0.06728625	0.14058053
0	0	1.00E-04	1.00E-04	1.00E-04	0.00701306	1.00E-04
0.012	0.004	0.03424196	0.01583085	0.02227759	0.02329973	1.00E-04
0.016	0.004	1.04417705	0.64634244	0.4864245	0.58738051	0.66392535
0	0.004	1.00E-04	0.04602314	0.03085103	0.0094124	1.00E-04
0	0	0.15545168	0.11938917	0.03569459	0.0769992	0.14599091
0.075	0.066	2.93082235	2.89071175	3.27828243	3.31429608	3.12847102
0.329	0.303	5.31578201	5.45487793	4.82290734	5.0917165	4.85098521
0.306	0.332	3.54239579	3.46299521	3.69954645	3.72058357	3.85415237
0.147	0.139	4.5374521	4.82317966	4.32450871	4.59508828	4.2651398
0.175	0.16	3.87670836	3.96661851	4.0111351	4.09034624	3.92746099
0.004	0.012	0.55846045	1.0164621	1.59478553	1.40215412	0.94875692
0.004	0.008	0.11000082	0.27051481	0.2671223	0.29171319	0.56526207
0.016	0.012	1.30959134	1.35648347	2.00161071	1.94828205	1.17497975

0.095	0.131	3.39315201	3.51758327	3.45351891	3.62625831	3.17484021
0.016	0.016	0.98960628	1.0504039	0.88926463	1.1034217	1.48997287
0.004	0.004	0.74661677	0.91369763	0.71932485	0.81535374	1.16238529
0.048	0.037	2.28405552	2.33781289	2.49033882	2.48322708	2.33148394
0	0.012	0.90294733	0.73963676	0.84657948	0.97607688	0.90693381
0	0	1.00E-04	1.00E-04	0.00652482	0.0216707	1.00E-04
0.083	0.086	2.15494272	2.08591021	1.86560907	2.09692376	2.38051662
0.044	0.07	1.99914429	1.99620729	1.93404188	2.11332311	2.01778226
0.044	0.045	1.60008954	1.73661762	1.68694344	1.72975304	1.47061803
0.012	0.037	1.11912272	1.10356902	1.3721965	1.47063439	1.11623635
0.008	0.004	0.28902181	0.58083534	0.89048204	0.61793273	0.27199975
0.044	0.025	1.96786948	1.98360839	1.83906708	2.0332528	1.7366643
0	0	0.12341016	0.03574342	0.04021063	0.02256222	1.00E-04
0.02	0.012	2.36879536	2.46892564	2.41036134	2.485555	2.32643102
0.036	0.029	1.49894965	1.43962565	1.54468184	1.65244662	1.31946599
0.016	0.008	1.06533076	1.15383312	1.3689296	1.45906055	1.2257259
0	0	1.00E-04	0.00614948	0.01607511	0.00839803	1.00E-04
0.02	0.02	1.09360804	1.10121252	1.14788568	1.32851311	1.13234977
0.369	0.32	3.93629316	4.03183556	3.90709652	4.01386883	4.38417266
0.067	0.049	2.14705273	2.43301908	1.75223648	2.12612142	1.48802489
0.464	0.439	5.3913693	5.52201446	4.9957924	5.10165412	5.87947391
0.179	0.189	3.46113588	3.50612176	3.62367843	3.74690478	3.34296217
0.147	0.225	3.02662149	3.16301927	3.16808571	3.32334873	3.23534916
0.052	0.033	1.92604148	2.16336699	1.95404539	2.12100699	2.02778413
0.119	0.078	3.42125058	3.60727574	3.36343751	3.5234191	3.58236885
0.048	0.066	2.53909616	2.64113865	2.38883809	2.52907959	2.60665738
0.032	0.025	1.95289185	2.47148291	1.84382914	1.80705167	2.24366468
0.008	0.004	0.54766512	0.56379837	1.03081446	1.00872561	0.88076289
0.028	0.025	0.88211192	1.21230092	1.36196262	0.90807327	0.77252993
0.147	0.16	3.47541969	3.44062815	3.16775677	3.37555923	3.4204171
0.016	0.025	1.28331644	1.36469381	0.94610129	1.04648889	1.22052351
0.071	0.098	3.44757241	3.74560142	3.29308999	3.45128751	3.30365308
0.123	0.102	3.94548416	3.8445063	4.23478956	4.20722909	4.19937285
0.448	0.381	4.79363455	4.89927011	4.32134413	4.50333042	4.69073966
0.444	0.467	4.58981564	4.777803	4.12188273	4.38441944	4.57502254

C2.wk11	C2.wk13	C2.N	C3.wk5	C3.wk11	C3.wk13	C3.N
0.08582302	0.05481132	0.09595926	0.54573651	0.21568317	0.12110641	1.00E-04
0.13592265	0.01097764	0.04390784	1.00E-04	0.38786513	0.08932772	0.12014368
0.35032561	0.14630038	0.14277527	0.16085536	0.10008937	0.39417467	0.35355156
1.56797614	1.12108019	1.33139693	1.49530468	2.25972676	1.83340377	1.79988925
3.04347419	3.12602573	3.46672832	0.43293829	0.90271389	1.26156668	1.43476212
0.02144393	0.12821783	0.17228405	1.00E-04	1.00E-04	1.00E-04	0.17222472
1.87642111	1.96011688	1.85055333	1.98052348	2.1701377	2.39831303	2.39229233
2.59250098	2.2321123	2.37732082	3.85851775	4.00526488	3.75706764	3.72759562
0.04493924	0.11372993	0.11840912	1.00E-04	0.26445972	0.5384999	0.21587687
1.00E-04	0.00644535	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07859696	0.00649119	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92231034	0.9353932	1.29697268	0.17057044	0.44393814	0.14105982	0.47095118
3.427408	2.73284113	2.88476937	3.40957227	3.98628923	3.87646227	3.75493456
5.24922713	4.87520027	4.87654129	5.99367129	6.37195605	6.35194675	6.21132381
2.75956832	3.1901797	3.06697381	2.11112141	2.36020629	2.72872111	2.84625094
3.24739639	3.45011367	3.4381565	2.07914168	2.7457571	2.93344251	3.17784377
0.08805521	0.01225419	0.0281702	1.00E-04	1.00E-04	0.0796043	1.00E-04
2.49089237	2.26514222	2.41196282	2.36127396	2.79464817	2.80029199	2.67857382
3.69946176	3.14534983	3.40804236	3.80398255	4.5522494	4.0844816	4.37014869
1.76634105	1.70102372	1.8078829	1.9058117	2.1335241	1.8408773	1.86070765
2.86215689	2.66597654	2.89073591	2.88917487	3.14919287	3.32610156	3.37695788
3.50532321	3.49270028	3.49294823	2.74861881	2.96569948	3.09993789	3.15562415
1.93917087	1.59650811	1.87265742	1.65442773	1.81696765	1.54261678	1.86970894
4.21399472	3.85697196	3.9758581	4.7654683	5.15954982	4.95670468	4.96481473
2.06016823	1.24088685	1.54523837	1.00E-04	0.38453791	0.0680419	0.35793262
2.3831803	1.84416736	2.17207597	3.21724961	3.79530656	3.40618533	3.33379341
6.07059176	5.19456229	5.26353258	2.73081095	3.73547082	3.45656908	3.07869193
0.60470782	0.46308614	0.6696591	2.21175715	2.42771636	2.3595636	2.40448006
0.31070431	0.09366665	0.1044154	0.16029145	0.08241432	1.00E-04	0.16508454
1.62050564	0.62361465	0.72046079	0.68670981	0.12002882	0.36556741	0.57323577
0.04860273	0.07908149	0.04039344	0.36782929	0.14553662	0.1614394	0.28912777
2.18412701	2.19932574	2.44388763	2.46957159	2.662647	2.47450405	2.28032949
2.38561621	1.8437596	2.01986113	1.79937403	2.45376342	1.92814382	2.57116842
1.00E-04	0.02918152	0.01867035	1.00E-04	0.60191033	0.38470187	0.81983531
1.45065785	1.2709714	1.46655665	3.80718451	3.82949983	3.8297203	3.85487365
4.24051481	3.77271523	4.64256536	1.11473873	1.53757557	1.53903444	1.31563172
2.53254162	2.29647624	2.50173191	2.921533	3.11737956	3.07920066	3.31488748
0.42915825	0.15625517	0.62819749	0.17911315	0.10616032	0.10068471	1.00E-04
2.73692265	1.78568919	2.69434764	0.33443403	0.31148885	0.23584753	0.39687071
2.22026998	1.79941024	2.29455834	0.96117332	1.90191441	1.23069922	1.56077509
3.90615953	3.79785188	3.93294762	3.84270886	4.1754009	4.23901408	4.32243486

0.03042284	0.07325301	0.04097072	1.00E-04	0.13595854	0.04910147	1.00E-04
0.40741342	0.10034075	0.21868044	1.00E-04	0.05807234	0.2624956	0.35543631
0.09349849	0.11787424	0.11200722	1.00E-04	0.12457689	0.05366552	0.07358311
1.25014813	0.96749589	1.27738458	1.08686448	0.9618893	0.84391565	0.74960543
4.0062244	3.64884389	3.67105095	3.80446461	3.95681103	3.90042418	3.94527638
2.29220773	2.25560878	2.37740228	1.81152184	2.00236959	1.80381024	1.99109399
1.0048059	0.69468095	0.8155457	1.24065129	1.2350421	0.91287003	1.08678976
5.04344961	4.23773309	4.51646587	4.9304054	5.0502061	4.97576953	5.02130972
2.77409575	2.38610241	2.50800175	3.59345678	3.89617299	3.72173611	3.71309822
0.02723101	0.01818735	0.02843074	1.00E-04	0.36183468	0.06771344	0.1093802
1.00E-04	0.00405896	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0582692	0.06493596	0.02509153	1.00E-04	0.36635912	0.07566348	0.22988942
1.27110798	1.01222221	0.95489537	1.96201724	1.54243916	1.92822615	1.0807102
3.64526041	3.6092676	3.55712452	1.56279341	1.41598696	1.62671618	1.50033761
5.63540574	4.93457234	5.04112714	3.86422714	4.06700323	4.10155918	4.14463007
3.16929284	2.69281065	2.79576752	3.51864066	3.71726588	3.61644401	3.58044702
1.36786517	0.65661325	0.65564185	0.70079612	1.20626145	1.33798897	1.12840983
0.03731906	0.06723513	0.07289534	0.21105484	0.1257833	0.11225633	0.07594134
0.04322925	0.0573267	0.06058962	1.00E-04	1.00E-04	0.06827568	0.30276591
2.4066514	2.13800069	2.04565346	1.26314377	1.08459465	1.35735434	1.4374989
0.200678	0.19768305	0.34338983	0.95569268	0.15471345	0.36881415	0.60026891
3.74948896	3.22884209	3.40498102	4.1741525	4.4218662	4.43129656	4.33843171
2.98650594	2.67709245	2.84672303	2.92064376	3.15670428	3.16201442	3.14091278
3.88611114	3.83297752	3.97710681	3.72517089	4.02681584	4.10042835	4.07039905
4.29829078	4.40477482	4.31964002	3.50998475	3.78023463	3.97450279	3.93933604
2.6377078	2.62174648	2.62460266	1.92781247	2.25537832	2.20299844	2.33450455
2.58091228	2.73259478	2.66342014	2.14616682	2.47157156	2.47399672	2.61884322
6.70116328	6.54847131	6.27883228	4.05033158	4.13071714	4.32064054	4.31351439
1.71536389	1.14036936	1.37798023	4.61913609	4.92402943	4.80002765	4.80710775
0.10030113	0.07678635	0.08297025	1.00E-04	1.00E-04	0.09162814	1.00E-04
0.62558313	0.40736589	0.44572673	0.34046257	0.59119982	0.49015591	0.4032438
0.24835754	0.1502895	0.18594873	0.13924575	0.2962866	0.51744304	0.21326019
0.87203373	0.7064815	0.82341177	0.71129733	0.18247101	0.68152826	0.77665384
1.09157777	1.26064807	1.29131618	1.34447615	1.66282227	1.8884278	2.04403409
2.50828613	2.97482999	2.8540395	1.29383414	1.82504059	2.12275562	2.01518626
4.92702404	4.59910665	4.80548901	4.69599504	4.69206981	4.79218948	4.87666411
1.64704495	1.22889752	1.36736027	1.16899915	0.36391906	0.36018287	0.63799989
2.84093777	2.90440559	2.96422369	3.04485615	2.73815752	2.88471497	3.01734342
2.64344261	3.18092568	3.16528629	1.62016975	2.28454416	2.48806687	2.73520873
1.29054196	1.25144028	1.4079293	0.79560709	1.09198545	1.55037948	1.52185582
3.92777838	3.90129551	4.00253476	3.26406132	3.566724	3.71351053	3.65070607
1.00E-04	1.00E-04	0.03261363	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.60555386	3.79422344	3.81885492	3.19082338	3.45349555	3.50046975	3.67777554

3.93390195	3.42674475	3.22991896	3.42457397	3.63845419	3.89398109	3.81078975
3.21837813	2.37778513	2.38631868	3.4600209	3.80886608	3.64962961	3.51742533
3.63698128	3.5964655	3.74125092	3.82408911	4.13333957	4.22980418	4.40752716
5.8750014	5.68208751	5.45090266	4.07663461	4.24395163	4.16099608	4.15331494
3.90366377	3.70670546	3.73468487	4.08656575	4.28967276	4.36002673	4.44623059
1.91091888	2.02529196	2.05926993	1.61645751	1.60000904	1.94176073	2.05306773
4.72394582	4.86361432	4.58151131	3.06403163	3.19874736	3.38405363	3.30247367
3.66804061	2.64383708	2.94608363	3.84866626	3.99724094	4.09447076	3.82505476
2.36661989	2.34733971	2.4455752	1.77932638	2.33520898	2.26503342	2.08162131
5.95628706	5.29302954	5.27072125	5.16734964	5.58573085	5.58176002	5.51365253
4.02557282	3.48415916	3.6643097	3.61652065	4.11001929	3.77316124	3.52102164
3.29940474	2.89498078	2.97241649	1.99579521	2.36410543	2.61313167	2.23788091
1.01126313	0.80724161	1.12746959	1.20839781	1.24507099	1.83488808	1.59195812
2.59582874	2.67067103	2.66194974	1.35888654	2.36396558	2.46006826	2.32923384
4.98580933	4.43162457	4.55572004	4.95159519	5.17849085	5.08528968	5.07834697
4.59213333	3.59269411	3.86750595	3.76110661	4.30146861	3.97946335	4.07641245
2.57454408	1.5536542	2.0769388	5.46878569	5.63240676	5.61062895	5.71309793
0.68877317	0.42593267	0.50707839	1.45036257	1.10654958	1.23488895	1.4058659
0.16434317	0.04772717	0.01544168	1.00E-04	1.00E-04	0.30009194	0.23490741
0.12761545	0.08592879	0.01303817	0.29387264	0.32152612	0.92338733	0.27900785
6.06031013	5.61806819	5.77045773	5.66433339	5.63740935	5.75166097	5.63046741
0.73624553	0.27808772	0.60754859	0.47381534	0.56334523	1.00235761	0.8063093
4.7833293	5.52392669	5.46896682	3.02440901	3.2763328	4.25626832	4.33051614
2.57683602	2.43106053	2.57750298	2.14718216	2.50982721	2.75866745	3.00749966
3.40284482	3.3360225	3.47919937	2.66472396	2.96459832	3.05568562	3.29947661
2.6042869	2.95708485	2.99613227	1.13671474	1.40759755	2.1368827	1.91989922
1.8987509	1.99272747	2.09101671	2.04186615	2.21576965	2.16785678	2.38090156
2.82893692	0.89963001	1.29824115	2.17919526	2.45528757	1.87565678	1.89313745
3.33975899	3.525663	3.66777835	2.05714631	1.91844945	2.4969645	2.46653964
3.70268692	3.9082267	3.88600941	1.84812017	2.32582729	2.80317659	2.82491973
2.97285383	1.98258657	2.17239565	3.43672964	3.87325059	3.78214106	3.70853982
2.07658215	1.43539249	1.76942117	1.68737929	1.54426825	1.35815995	1.47345244
2.99198812	2.77106834	3.06998037	2.57188337	2.73428207	2.80271305	3.05884193
3.05333083	2.79189006	2.80348309	3.16843143	3.49988637	3.46268736	3.42227141
1.36539723	1.27670304	1.44316042	1.55617973	2.07583075	1.93007303	2.03707681
2.5635046	2.59963588	2.65886336	2.1454289	2.58325237	2.53926216	2.57595788
2.66417696	2.35989418	2.4349414	1.00323927	0.42935844	0.72675505	1.19190553
3.52312895	3.736586	3.79844999	2.85144747	3.03051394	3.24369038	3.38570936
2.85277128	3.15119729	3.05069336	1.55482507	2.37002555	2.46020274	2.44012702
2.95321335	2.7392133	2.92557127	3.03251665	3.68374188	3.51872117	3.5422366
3.77916298	3.77295693	3.83998209	2.33509938	2.82156621	2.76760975	2.66275859
0.11448576	0.08930286	0.06434237	1.00E-04	0.31955844	1.00E-04	1.00E-04
1.68474429	1.56385373	2.07554237	4.09760011	4.05346607	4.34738674	4.56023371

6.24198199	5.83996518	5.90272331	5.98334916	6.26497215	6.25172844	6.23421733
2.63379171	2.25176565	2.30692236	2.56841257	2.96445194	2.60985435	2.78143866
3.5642687	3.79235392	3.78760658	3.04123625	3.76115597	4.00692444	4.09899069
2.60037854	3.02289576	2.8522872	2.02258677	2.63786453	2.85731542	3.01091555
4.04225517	4.03156588	4.02288692	4.0754745	4.44265761	4.40133182	4.46459671
1.2692484	1.20973422	1.2035617	0.99364899	1.12997198	0.9704827	0.92709662
3.79598347	3.64718045	3.74890467	3.40437302	3.69346072	3.78269426	3.98618933
5.18496736	4.78080116	4.70686623	3.95649396	4.60847874	4.5275668	4.57453794
0.04113553	0.03020567	0.04792347	1.00E-04	1.00E-04	0.44249215	0.39625504
1.21458187	1.02058812	1.12564891	0.9155248	1.29788864	1.38177821	1.82855046
0.14399576	0.02551862	0.07854337	1.00E-04	1.00E-04	0.146677	1.00E-04
1.24948484	1.33106486	1.40982899	0.53245931	0.62062275	1.20855303	1.35994604
1.00E-04	0.02027567	0.04728605	1.00E-04	0.07067017	0.09191077	1.00E-04
0.22311896	0.07483845	0.0341867	0.57058098	0.65083341	0.08789582	0.39568089
0.45145074	0.40934739	0.47586667	0.87943	1.25684356	1.11022764	1.47593911
1.75232404	1.24782781	1.32259193	2.07522735	1.97702883	2.13394734	2.18449256
5.41886083	5.04468429	5.17736907	4.35832988	4.71694009	4.66062494	4.68448076
0.19375221	0.113704	0.11259762	1.00E-04	1.00E-04	0.23848588	1.00E-04
4.38517692	4.18308383	4.15796042	4.67084372	4.86593216	4.7587309	4.84234872
1.00E-04	0.00780111	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.222691	0.07003202	0.05387236	0.08422589	0.26532017	0.26528517	0.25114378
2.8189914	3.87152459	3.57366525	0.73863796	0.83001176	2.16884642	1.14506402
1.13672165	0.70886897	0.72260527	0.48123763	1.13096492	1.27166083	1.12100228
3.45629134	3.39711151	3.52517244	3.75475642	3.86645632	3.90919792	3.93569681
0.28486116	0.1028755	0.11435754	1.00E-04	0.19183457	0.20233969	0.09457776
3.70285018	3.43151437	3.63108939	2.68960729	3.17439094	3.0344589	3.02153521
3.9551119	3.92188773	3.97759976	3.84142615	4.01183455	4.06540955	4.04365784
2.30869131	1.35071943	1.08249706	1.00E-04	0.1539746	0.32629902	0.5034484
3.2563629	3.17193391	3.34075729	1.3074113	1.63732999	1.80478288	1.75269695
0.61657104	0.18009043	0.32182426	0.08764124	0.76901366	0.49544783	0.51538934
3.64393034	4.1294521	4.05602599	1.76783945	2.4517383	3.00052317	2.85332158
3.14820559	3.53784856	3.62516763	1.02207281	1.30950608	2.29125013	1.98371274
0.8005131	0.73710476	0.8814585	0.19683926	0.4787885	0.57489193	0.28187317
1.78914426	2.09257035	2.20664627	0.39512529	0.89621507	0.85487582	0.65058067
1.91910768	1.74405875	2.07234417	3.66499712	3.74221972	3.70981209	3.84352185
2.42451551	2.55214852	2.46221634	1.76104868	2.48664857	2.34226662	2.40347688
3.7666237	3.58598272	3.74416035	3.36650821	3.67330049	3.71865982	3.80662991
3.3297144	3.28747031	3.36515297	3.37513247	3.74444259	3.70303998	3.78838353
1.45679118	1.62283112	1.88287732	0.49196093	1.04326765	0.59516077	1.32239843
2.14396485	2.09048356	2.18019601	2.54918367	2.90749787	2.53990124	2.60399713
1.04596164	0.58184998	0.69578828	3.66368475	3.78733167	3.69868875	3.85103227
3.04993563	3.17593233	3.23787261	2.42451985	2.52408661	2.99017944	3.21948382
2.0621893	2.00286993	2.05437045	0.48753344	1.0285699	1.27587339	1.43034253

0.43609639	0.55349305	0.53144095	0.41677805	1.75484768	1.45640804	1.54379976
4.07654662	4.77717729	4.59410301	1.92425436	1.96997133	3.07755254	2.66751043
2.26925417	2.60653639	2.58917305	1.79162989	1.78316215	2.32995416	2.32761184
0.07485773	0.01942448	0.0386541	1.00E-04	0.11994079	1.00E-04	1.00E-04
2.30080765	2.66288022	2.92630783	0.47865807	0.48335578	0.26976239	0.38367276
1.00E-04	1.00E-04	0.00531326	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02227153	2.20336462	2.21828264	0.52763399	0.82535307	1.14986846	0.95606353
0.22165445	0.22076785	0.25465736	0.42076444	0.97131816	0.95735433	1.09621329
0.32599496	0.1081955	0.10311417	0.0815269	0.83595927	0.51278525	0.31977174
0.36066268	0.23688776	0.32160866	0.14189115	0.34988884	0.50032012	1.00E-04
2.50121266	2.44736194	2.6888548	2.87287253	3.06759927	2.89803894	3.08540967
2.05323626	1.57840031	1.84793452	2.93780488	3.06300572	2.85380526	2.7971494
5.09361195	4.27036371	4.3506232	3.44587869	3.63974863	3.70629193	3.57329601
3.87857898	3.36333379	3.29023273	3.29420952	3.58313687	3.57541233	3.7868929
4.94745908	5.03419034	4.88835088	4.71345296	5.04766025	4.99326158	5.12180852
2.93052594	3.01259396	3.09800875	2.84542877	3.02216496	3.32537623	3.55132208
0.026361	0.13541166	0.04605927	0.1812229	0.41368493	0.06397264	0.24088436
0.21836122	0.0467209	0.04997687	1.00E-04	1.00E-04	1.00E-04	0.17098425
2.22089746	2.49120012	2.88139047	0.87478075	1.14446221	1.39224573	1.39142514
0.69929733	0.42972287	0.55096236	0.4172713	1.61892828	1.54542496	1.37338512
0.54608431	0.26042574	0.37295852	1.00E-04	0.14270522	1.00E-04	0.181866
2.93313883	3.12483624	3.3732749	3.0864694	3.18528285	3.39368708	3.47263807
2.93355731	2.50568008	2.90007973	0.86812956	1.45371119	0.99474341	1.02086042
0.46612004	0.11356929	0.08108271	0.37288229	0.34253587	0.26213374	0.46446362
0.03455013	0.04239405	0.01649743	1.00E-04	1.00E-04	0.03505207	1.00E-04
0.24835975	0.18971206	0.31801257	1.03257702	1.45339537	1.62963254	1.98409791
4.56432601	5.01235961	5.0168788	3.11561415	2.88182025	3.52627997	3.58789926
6.59379625	7.20042759	7.31878943	4.56664194	5.06078822	5.90003195	5.99010636
0.15173548	0.16094696	0.23472472	0.18099859	0.4043777	0.58348536	0.74016055
1.00E-04	0.01409452	0.01441274	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.64391068	3.0070442	2.99898273	2.12754646	2.50243511	2.81994328	2.85116406
1.00E-04	0.04141825	0.10185458	1.00E-04	0.09061501	0.0562729	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50058694	0.45805091	0.3653334	0.91824395	1.32915208	1.01033318	1.23941905
0.13530848	0.01345569	0.00512771	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.84533157	5.00810447	4.88925565	2.53364232	2.90537646	3.14809535	2.98332714
1.70007499	1.32390002	1.54927831	0.75943666	1.10541141	0.3842274	0.79453025
0.38856175	0.41267882	0.29062024	0.80843772	1.20431833	1.34690189	1.29227847
4.2577194	3.88274329	3.99118853	5.1541456	5.3274757	5.38928414	5.25877733
3.95409364	4.14231056	4.198151	3.5956301	3.87351847	4.2095262	4.21540622
3.04734626	2.95189443	3.04486988	2.50174351	2.58497971	2.89912426	2.83269167
2.78440121	2.82364482	2.92409566	2.50626155	2.77449958	2.78081088	3.14788516
6.04332767	6.07295712	6.19750599	5.31310813	5.73302077	5.88635875	5.89211791

6.00187816	6.02992037	6.02730664	5.38130404	5.6237255	5.77886684	5.80847438
4.44718179	3.64959242	3.88967827	3.4502356	3.69883659	3.52761675	3.41370709
2.14339628	1.92354556	2.04971574	2.87571268	3.1390286	2.90051866	3.19652899
2.46832326	2.59853531	2.60924789	2.24477878	2.51771383	2.88982258	2.97655631
1.25270374	1.31384139	1.29152134	1.30200471	1.45457345	1.24154298	1.24269997
0.6903264	0.65697179	0.69831154	0.38244053	0.48364419	0.70857069	0.87527928
3.71143774	2.86617955	3.0129038	4.24951944	4.2616368	4.18442423	4.15914751
3.19775134	2.82833082	2.95632334	1.42945516	1.63311889	1.64023258	1.90052699
1.08670615	0.91715688	1.00029327	3.31026755	3.00357845	2.74425357	2.87502807
3.06392963	2.3740765	2.62982908	2.12621398	2.16605978	1.94188855	1.86518272
1.6731146	1.39034433	1.73452717	1.65666682	1.93223797	1.33948415	1.65493067
3.24454495	3.06826354	3.09175435	0.35118457	0.86354737	1.33347189	1.38059558
2.50853384	2.78058176	2.67598112	1.24104826	2.36584308	2.44420415	2.59930351
3.89827109	3.67042699	3.6853739	3.02985488	3.15829821	3.0743411	3.15325643
2.91277315	2.51403306	2.71267772	3.0232749	3.26774332	3.42744709	3.27590011
4.69914407	4.46594087	4.56944491	2.09022217	2.07654322	2.22441792	2.20640475
1.00E-04	0.02019138	0.00811988	1.00E-04	0.37981956	0.5703424	0.45176403
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.13990014	2.27085794	2.40388173	2.46674781	2.83980207	3.09659462	3.47251531
1.6537295	1.50400345	1.68650379	2.04472248	1.962	2.13177725	2.00964531
5.01178985	4.65246755	4.70517748	5.00657972	5.32999805	5.38957858	5.23342633
0.16288161	0.28163116	0.33211399	0.33892886	0.38048628	0.43889824	0.66655057
1.30042891	1.04614439	1.15616597	5.24293576	5.75796359	5.64868545	5.04261383
2.81380631	3.12248636	3.16811468	1.82725369	1.79024937	2.31327515	2.3450631
6.02222816	5.9557761	5.40080137	4.56425479	4.99947748	4.90622384	4.93857797
3.08551915	1.9793264	2.48972557	5.63720115	6.02181475	5.50836666	5.19430856
1.00E-04	0.07197136	0.1068029	0.25220514	0.16376478	0.25660993	0.42836729
0.47559274	0.28301953	0.29518	0.06064572	0.63948553	0.15353301	0.39955805
1.53576574	0.92686453	1.52015587	5.87961849	6.06085856	5.81676982	6.11343503
4.13943513	3.13596998	3.77449612	0.85302466	1.36572275	1.08971772	0.9197987
0.07405929	0.01831402	0.00714198	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.46586752	1.44857773	1.59671054	1.49167283	2.05110344	1.67034773	1.56146217
0.44918991	0.08381643	0.03437575	1.00E-04	1.00E-04	0.03476597	0.05582956
0.02852263	0.04734177	0.05315685	1.00E-04	1.00E-04	0.10145426	1.00E-04
2.52420988	2.03619401	2.28780808	2.74988052	2.78893693	2.69805899	2.66336882
4.66864871	4.24635839	4.43164494	3.65420068	3.95125983	3.85165797	3.91425717
4.63643066	3.89822654	3.77370846	0.66792391	2.24408617	2.0740212	1.62248267
1.00E-04	1.00E-04	0.0102702	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79189338	0.59531813	0.92071915	1.98027385	2.8178848	2.11191971	2.15106374
0.56828087	0.17332405	0.3364661	1.06141427	0.89043274	0.43729887	0.48320414
0.45930162	0.46788585	0.55609065	0.43485074	0.45718651	0.27244264	0.41657502
1.72428844	0.80859391	0.92896286	1.86596047	2.18592779	2.34285409	1.11297507
0.49686313	0.3750484	0.94934792	1.00E-04	0.30562708	0.29916194	0.13629857

0.86726351	0.59603087	0.58030224	1.97193225	1.23513129	1.73382126	2.08657166
0.30625429	0.1400578	0.15847511	4.12962493	4.09660372	3.23063559	3.78275237
0.88966782	0.79699393	0.97854474	0.12560403	0.0997866	0.23094579	0.34006685
0.05616849	0.01972939	0.01482204	0.10510713	0.41604852	0.15465051	1.00E-04
0.37159966	0.10207659	0.0584806	0.88650802	0.26285059	0.03320284	0.2769278
0.36801551	0.02855741	0.1661457	0.10353234	0.16489991	0.52123491	1.00E-04
0.32759383	0.21470854	0.14336395	0.48647059	0.03891701	0.19717491	0.12526272
1.00E-04	1.00E-04	0.02557393	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01389542	0.0269694	1.00E-04	1.00E-04	1.00E-04	0.11542705
1.77583311	1.20045184	1.46708079	3.09536049	3.16555637	3.32873468	3.38253897
0.34295275	0.10837001	0.2685178	1.23546725	0.43124846	0.10419749	0.75310642
0.04477806	0.04778216	0.04481174	1.00E-04	1.00E-04	0.26400003	1.00E-04
1.00E-04	0.05953927	0.01888821	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50292747	0.19364563	0.22133009	1.01916304	0.30228875	0.11962589	0.46013718
1.00E-04	0.01234631	0.01470155	1.00E-04	0.13061312	1.00E-04	1.00E-04
0.38291396	0.15980124	0.1423285	0.28693536	0.32523923	0.54890601	0.51084752
4.17943956	4.02749752	4.13287093	2.06471381	2.19338486	2.21465318	2.39115302
1.32535599	1.45886835	1.52063856	0.52539067	0.68303846	0.80781074	1.09748736
3.96514091	3.65427361	3.81041185	2.77074086	3.12658608	3.13613081	3.0514895
4.19217397	4.03483339	4.23871793	1.27911265	1.42101772	1.9957591	1.99214213
5.12770241	4.23004741	4.45326571	4.63129274	5.21077247	4.69220323	4.82488806
4.05026893	3.4892833	3.81506632	3.34759024	3.33867432	2.9394192	3.08397391
1.20776741	0.98030097	1.04388273	1.31880414	1.38772126	1.25067276	1.52211394
1.56792073	1.21613658	1.36076436	1.77427177	1.90898018	1.82304784	1.82720048
1.23348346	1.32252429	1.45527566	1.05148307	1.21292989	1.36196063	1.83160678
2.72151007	2.20557044	2.41636959	2.7118743	2.67345956	2.50564918	2.44943457
2.24605998	2.77523945	2.76917966	1.81151544	2.12989726	2.13306012	1.91864225
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0.02734888	1.00E-04	1.00E-04	0.17800226	0.21842518	0.644369	0.92844103
2.51137925	1.82382415	2.21255568	2.21674263	2.505503	2.42998006	2.61348512
0.89612166	0.40406256	0.52616121	2.01075207	1.70112094	1.18280488	1.696652
1.20441908	0.7457983	0.78910903	2.72171107	3.18099525	2.84167252	2.98138159
0.29736439	0.55824449	0.82009434	0.46211318	0.45342908	0.37675648	0.72387126
0.38417673	0.26791221	0.26226732	1.00E-04	0.4610039	0.25987379	0.06044523
0.53817974	0.20921971	0.29871092	1.00E-04	0.28340335	1.00E-04	1.00E-04
4.637664	4.21801078	4.38726397	4.31202318	4.70857937	4.45086225	4.43151353
0.21672353	0.05064399	0.08028027	1.00E-04	1.00E-04	0.19422332	0.30714475
2.76863327	2.19521856	2.43735243	4.98872674	5.21289227	4.9461596	4.95331235
0.02704895	0.10004473	0.12711103	1.00E-04	0.47825411	0.57637118	0.5616862
1.00E-04	0.01757437	0.02394855	0.27685111	0.30073185	0.32834053	0.63175982
5.09928038	4.50588629	4.63908919	5.0094783	5.22167417	5.08227671	5.1947433
0.0411062	0.07836998	0.07243449	0.32550599	0.43484863	0.10359598	0.19858555
3.24513576	3.03506828	3.31630264	4.98837042	5.37237109	5.12375646	5.30568323

1.72060747	1.17791012	1.33124324	1.56012843	1.92430311	1.10497069	1.44285801
0.04590117	0.07712256	0.08754756	1.00E-04	0.18427805	0.2984508	1.00E-04
3.61277298	3.68242872	3.61348957	1.41567631	1.76811392	1.94697187	1.76041518
0.54845175	0.15741481	0.21676334	0.28084913	0.66811913	0.81556772	0.78743359
0.03128757	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12436331	0.00275651	0.02914799	1.00E-04	0.07373094	0.18235309	0.57233991
2.1589995	1.9509198	2.44560208	0.9277853	0.39366693	0.42467692	0.78202479
0.03998072	0.03943828	0.04868792	1.00E-04	0.28550956	0.1060668	0.32864367
1.00E-04	0.02102121	0.05332306	1.00E-04	0.11210008	0.09258905	1.00E-04
4.30380373	4.1755068	4.28439103	2.02725538	1.76047247	2.21307961	2.1541639
4.39594716	4.09501262	4.15978308	1.42172311	2.30592392	2.15801637	1.75816912
1.44866084	2.28107232	1.76918772	0.08519544	1.11575381	1.34427213	0.51111378
5.81637948	5.44312084	5.51164615	5.878792	6.13547355	6.14604806	6.08405526
1.16123565	1.02018481	1.00955297	1.56840825	2.53634455	2.4090364	2.5648524
1.00E-04	0.00986658	0.01277167	1.00E-04	1.00E-04	0.01014713	1.00E-04
3.18198292	2.88710446	3.08309041	2.6400202	3.10111622	3.17424765	3.39233128
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58309412	1.87862184	2.11398829	1.27024321	0.93825905	1.00607094	1.11453471
0.15919132	0.12662114	0.05998633	1.08229857	0.96204862	1.39143527	0.93744562
1.02237582	0.74828119	1.04882804	0.3094278	0.25753504	1.10852795	0.96921378
0.99328928	1.46020887	0.741118	0.0807186	0.46505884	0.40113039	0.34237093
0.09906794	0.03142668	0.02392683	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.4902489	2.57894868	3.34089708	3.59169668	3.36448898	3.9344859	3.69706263
0.47611408	0.23886404	0.19317453	1.27216228	0.05482943	0.13559569	0.17800635
0.39854332	0.2170412	0.18779613	0.81420202	0.42057409	0.43017161	0.35609012
1.47300268	0.82730399	1.21528813	2.12482102	2.27445272	1.88064797	2.34016596
1.23120042	1.09351203	1.30484348	0.8442884	0.79888083	1.0682758	1.12938392
0.80373181	0.54471588	0.59320712	1.64807787	0.85593641	1.29266869	0.80638414
0.02680062	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98616831	0.89333223	0.6611989	0.46991084	0.7093876	0.62820159	0.88110926
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01205792	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01959544	0.04420369	0.12046039	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.06770197	4.54148413	4.57728669	2.38652525	2.89089924	3.18085943	3.1929194
1.00E-04	0.02723451	0.08015422	1.00E-04	1.00E-04	0.10582585	0.09134587
0.86736358	1.00417704	0.9577786	0.62768271	2.3385364	2.23096451	2.17170536
0.29409359	0.14149418	0.33888378	0.61108139	0.68993601	0.48107277	0.53562905
3.78628773	4.04037299	3.97849743	2.12123436	2.73388721	3.03202649	2.79146685
0.28873302	0.13776412	0.07528239	0.74758244	0.77070566	0.41225262	0.40085073
0.74573619	0.92908912	0.79491588	0.37757065	0.39426901	0.75111476	0.29478868
3.8341911	3.93324397	3.97131764	2.84631268	3.22447006	3.5324007	3.39989542
5.42565247	5.33104039	5.21155895	4.27279098	4.60950866	4.6865821	4.76488407
0.24868872	0.42345834	0.30301971	1.00E-04	0.2877998	0.39854291	0.26592119

5.56875789	5.13948723	5.24847117	5.12204698	5.53868114	5.3197699	5.28526499
2.31771334	2.8521858	2.25831064	1.00E-04	0.59575039	0.55627202	0.86449739
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29631695	0.28545431	0.37779761	0.93968176	0.89365096	0.70943784	1.26826595
4.28743194	3.86799234	4.0923362	4.82803798	5.13784323	4.99578904	5.13112712
2.83554025	2.43995502	2.73380729	2.99023668	3.40479028	3.19458292	3.29691519
2.42320735	2.72092087	2.87090728	1.0990308	1.43898274	1.80234696	2.05264891
0.84960224	1.23526198	1.41034646	0.14839326	1.00E-04	0.06551811	1.00E-04
1.2841423	0.92681438	0.8218397	1.66737505	1.61921077	1.93578818	2.2424936
6.47706974	6.36372423	6.92687388	7.17759502	5.88063654	6.02518858	6.41901054
0.20334966	0.45116379	0.42827084	1.00E-04	1.00E-04	0.16835672	1.00E-04
3.86678751	3.74106663	3.82497728	3.39275921	3.83427661	3.8143686	3.82256468
3.06528032	3.32350737	3.36515323	1.84350256	1.75813131	2.44139358	2.35046945
3.20259421	3.27348051	3.3839376	2.63808845	3.18128326	3.39569328	3.23002288
2.18487007	2.24506959	2.40837157	2.50298776	2.91804842	3.04814816	3.11752202
1.00E-04	0.07484847	0.02309284	0.25200765	1.00E-04	0.10311599	1.00E-04
1.00E-04	1.00E-04	0.00306468	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1638968	0.26594145	0.32512678	0.62638309	1.05134836	1.51921354	0.74637208
0.11097136	0.10938053	0.10665788	0.31514552	0.14736843	0.2986043	0.2033803
0.15513577	0.0821222	0.01545954	1.00E-04	1.00E-04	1.00E-04	0.10168981
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26353393	1.35407043	1.93840417	1.54747224	1.44607988	1.65468939	1.86066779
0.59611101	0.58859796	0.82670562	1.56351931	1.81586172	1.94387433	1.58344001
1.00E-04	0.09821403	0.19420495	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.97114737	4.16115463	4.07685332	2.2459624	2.50271468	3.01964017	3.1820618
2.39713343	2.69089983	2.68586646	3.26810642	3.359931	3.33755722	3.45615308
3.56766656	3.71107605	3.70020275	3.75889543	4.15671476	3.94068364	4.1497772
2.09655846	1.80257778	1.59253203	0.70466682	1.03291372	0.98145032	1.0587307
1.11336794	0.93936879	1.11993531	2.47609184	3.03107676	2.93904031	2.90649208
0.0921739	0.01618988	0.01080641	0.16300593	0.30196051	0.16740965	0.14019981
3.96918744	3.53385111	3.57390617	4.70283651	4.91626312	4.88055268	4.92966122
1.99665028	1.51183184	1.51887099	2.45976535	2.91637535	2.71959012	2.70269688
1.74345474	1.43986129	1.45629467	0.92138794	0.77907966	1.03436016	0.99069014
1.00E-04	0.0345406	0.13067981	1.00E-04	0.08536672	0.26668848	0.16799189
0.13929457	0.07217539	0.07958496	0.40450772	0.56009215	0.60177452	0.42160236
3.4710958	2.8097353	3.20454281	3.40330009	3.55096073	3.06848042	3.33655325
5.93705717	5.0830527	5.32210663	5.46429086	5.67897035	5.54397932	5.50688378
1.03276139	0.41093634	0.79653537	0.71660781	0.97599889	0.48935877	0.51733185
2.3510672	1.546353	2.27887616	3.2911933	3.24382756	2.93767654	3.50246285
5.49970426	5.13705649	5.22547657	4.98902458	5.3948219	5.35696651	5.24542277
4.06858687	3.22765988	3.3962401	3.57876835	4.06987122	3.9693407	3.9786375
3.78562394	3.4318835	3.60572877	3.69057403	4.05596434	3.89125462	3.88262366
0.66984266	0.89028645	1.02403859	1.00E-04	0.5770407	0.6460869	0.13364124

4.79606269	4.433203	4.51697575	4.60897749	4.99552081	4.91651958	5.0103329
3.34394405	3.43581435	3.40490775	2.57586228	3.19928392	3.11067687	3.27054577
4.6876643	3.56286803	4.20104561	3.05716318	2.89289622	3.0102958	3.17436549
1.3808846	1.43465839	1.40973674	3.00431908	2.84513465	2.71562661	2.67169055
2.86385834	2.21751037	2.29856883	1.64597621	1.39742493	0.87559823	1.13960857
0.33772832	0.1398999	0.1594806	0.64411521	0.27113414	0.29760391	0.51478884
1.29579264	0.97316203	1.32940827	1.47579348	1.6872843	1.32518121	1.65851138
1.21818883	1.01527933	1.31495159	2.0639889	1.81192246	1.92352067	2.09764531
1.36545849	1.11821263	1.31909493	1.51515102	2.24532264	2.05272886	2.09544099
1.03250597	0.93837499	1.15780235	1.3977466	1.81033372	1.75053545	1.94583117
4.86213179	4.72253388	4.75159523	4.87194378	5.13959491	5.14155169	5.20327689
1.61732714	1.5298707	1.71662446	2.36784094	2.71091726	2.61358647	2.65373967
3.73104355	3.79386519	3.85262688	3.39877764	3.66339643	3.78134272	3.80858819
3.57141705	3.2001178	3.32170485	3.78833273	4.10044066	4.16063167	4.15745772
2.9334381	2.68441406	2.96426261	2.54897525	2.81395996	2.85215715	2.80165436
0.9035486	0.8864961	0.90141084	0.73840961	1.38342271	1.5064834	1.47787041
0.17063289	0.08976972	0.04851571	0.25260354	0.35057659	0.26159112	0.11738555
2.55472603	2.18151008	2.34449539	3.04360963	3.5375072	3.41570926	3.59167097
4.65470562	3.94243971	4.05288605	4.7352529	5.11380262	4.71914738	4.62089125
4.02444663	3.63480773	3.93805358	3.64256854	4.0230978	4.02146171	4.14948955
2.50415985	2.88733652	2.94148502	1.48693965	1.59023283	2.12450434	2.19222107
4.05848506	4.49241579	4.35491994	2.03941243	2.37005938	2.75092794	2.63238836
5.03413972	4.61820349	4.71946098	4.83116887	4.96856212	4.89669985	4.8741201
4.58977082	3.88063723	4.01163132	5.04848717	5.04579689	4.95257595	5.02079868
2.64518809	2.6283868	2.61229765	3.24805323	3.39116048	3.3432898	3.54163967
5.06899847	4.72589882	4.74491401	5.24388106	5.52295138	5.51108738	5.36704693
0.91379065	0.90753094	2.26130647	0.56049831	1.96977192	2.17782561	3.5262426
0.87614205	1.07857296	1.1183756	0.63870267	2.16844744	2.40394423	2.17204432
2.19455771	0.83828462	0.90382294	0.78485924	1.4272521	0.38372718	0.54726772
1.00E-04	0.01527256	0.03922102	1.00E-04	1.00E-04	0.19677147	0.41854692
4.76127334	4.30399954	4.42055976	4.78840993	4.99651878	4.91384805	4.9010003
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.47662034	4.96860087	4.86632753	1.62351968	2.46064707	3.17328716	2.81910077
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09484321	1.00E-04	1.00E-04
1.00E-04	0.00410717	1.00E-04	0.16926772	1.00E-04	0.03903292	0.08372111
4.27607037	3.90361323	3.96538396	5.03976469	5.20705907	5.11874113	5.13729609
2.05018881	2.6982372	2.55119615	1.75136988	1.68923999	1.75601586	1.99262592
3.60008607	3.52793588	3.63979155	3.55577342	3.55975657	3.53195011	3.64800028
3.86542135	3.31561162	3.52074988	4.79982657	5.26026156	5.06186273	5.14021441
2.35241131	1.9970119	2.01774367	3.2519247	3.30201327	3.16385996	3.16838094
4.6046889	4.10426153	4.21674689	5.70861323	5.89835388	5.86851597	5.81247303
6.10269384	5.75712112	6.08848982	6.41106899	5.86718163	5.90315285	6.14127608
3.19630973	3.33684191	3.4062263	0.85264797	1.31529789	1.74582659	2.11294746

6.71438472	6.26594219	6.30533609	5.78051296	5.67508484	5.32109337	5.62901519
1.79316469	0.86633017	1.591806	1.84833144	1.82707683	1.10805211	1.67839513
4.0724425	4.51295708	4.14849701	2.59831571	2.69200851	3.45381919	3.20953095
3.32025811	3.65139878	3.47982868	2.94830049	2.96824071	3.07737761	3.16008246
1.00E-04	0.00741126	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.10197885	0.03496588	0.23124065	0.17638055	0.27065914	0.13078953
0.07743535	0.01220968	0.03480602	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.66253979	3.5748651	3.66199826	3.37379284	3.38352554	3.67658323	3.78167871
5.89179324	6.6161451	6.56696131	2.50411329	3.10037258	4.58139044	3.93132923
0.13519619	0.03178442	0.0333056	0.28666009	0.17339643	0.09950774	1.00E-04
2.66391074	2.82866933	2.85733815	2.10996547	2.56375954	2.65154793	2.89205428
2.41553495	2.12079716	2.11091369	1.21408611	1.0686875	0.99251603	1.12740022
1.67606584	1.96242549	1.93008381	1.3476093	1.63493727	1.41882678	1.28652098
3.53534645	3.77939037	4.01351181	2.03483952	2.84820189	2.9440715	2.89060951
5.06672881	5.03936133	4.939232	3.89763079	3.76449523	4.14585437	4.3422047
3.92267655	4.43769537	4.3049699	2.47282608	2.86086967	3.52083819	3.56811461
2.68058699	3.07101962	3.0790268	1.85106384	2.28165386	2.62833105	2.65377503
3.72905928	4.14300947	4.04599711	2.82354237	3.19258869	3.69788889	3.7738915
0.07581345	0.02344393	0.05224056	1.00E-04	0.1268463	0.05282058	1.00E-04
1.32453202	0.73393195	0.89382544	1.00E-04	0.50625453	1.00E-04	0.33238157
0.0478314	0.02715876	0.01880439	1.00E-04	0.09882081	0.44716399	0.20178154
0.50433997	0.66864008	0.77087421	0.83654774	0.70043169	0.87761512	0.84554851
0.26071703	0.06868378	0.1132613	0.11597557	0.14813278	0.29982832	0.36207175
0.46901991	0.23595617	0.39686457	0.6526583	0.84641951	0.42903846	0.89099045
3.84583299	3.85720352	3.72772025	2.84809422	2.85501556	2.95204574	3.01200525
3.66299744	3.81896713	3.87776147	3.06993185	3.4538092	3.63769505	3.56792038
1.39525167	1.18461433	0.95057169	0.25833415	0.70035518	0.62682291	0.55675177
0.93253343	0.67609692	0.64279203	0.95062507	1.46487889	1.73193404	1.44032917
2.57616601	2.88326388	2.81489666	1.77148797	2.17584255	2.13601908	2.0026215
0.78759142	0.59689236	0.62165365	0.95164244	1.4204172	1.4102504	1.51846121
1.89288984	1.30095236	1.27046606	0.52895991	1.57626625	1.17495806	1.09368657
2.66837732	2.47518754	2.46624782	1.52672414	2.50285089	2.06674436	2.07132568
1.00E-04	1.00E-04	0.01248803	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.92050666	2.67047438	2.89323574	2.97858183	3.347366	3.20232335	3.23576683
4.30915062	3.70371384	4.01523077	4.82645886	5.1005599	5.09557604	5.17643397
3.13384361	2.99628913	3.17610934	3.97889129	3.99952115	4.12179691	4.2694008
0.39625722	0.42484298	0.41575624	0.18934306	1.33059705	0.7690262	1.39176491
7.19402348	6.47603248	6.49457353	6.72325526	6.84044387	6.72559423	6.77210423
0.78935892	0.77460776	0.83169924	0.79362617	1.36074069	1.91062096	1.69801221
3.51420072	3.40056456	3.34657966	3.66277911	3.87109761	3.644392	3.6582976
2.96287562	2.3910567	2.78188148	1.86919558	2.27751144	2.53749472	2.84691321
0.75340266	0.41413924	0.62294053	0.27408614	0.80982815	0.61025378	0.31482673
1.00E-04	0.0580985	0.03064016	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.57905352	1.42818859	1.6370057	2.83945933	2.73204856	2.96124332	2.99779765
1.66411396	1.18423187	1.45614511	1.17101715	1.09985055	0.91144807	1.5711186
3.87226883	3.51151652	3.72746615	3.91089236	4.21672456	4.0749054	4.34781992
3.30732644	2.92962415	3.20032783	3.83492917	4.06108366	3.83122216	3.78043293
3.96828061	3.83565891	3.73908563	4.17745631	4.54175333	4.45784266	4.45255204
5.62627172	5.69492042	5.62563264	5.61174307	5.68745886	5.65755006	5.6770656
3.2513909	3.56507573	3.54773005	1.53040047	2.00836096	2.38491033	2.34578478
3.59054822	3.86017087	3.80110218	3.62543383	3.56673101	3.76178223	3.93233135
4.52219564	4.67706323	4.59313341	3.46215096	3.86657897	3.94905896	4.01214509
3.90205861	3.66402315	3.86607024	5.44567133	5.57791219	5.49394646	5.55015715
1.76280283	1.43250747	1.65522314	1.37336016	1.72928627	2.11295043	1.97416195
4.82653763	5.3158339	5.32718196	2.73147976	3.17934427	3.82066096	3.77802296
5.16368511	5.51619365	5.41496256	2.5550043	3.05413225	3.73755292	3.72759252
0.28599571	0.27077901	0.3372383	1.00E-04	0.81308945	0.80655727	0.7140483
0.06702699	0.04337411	0.03511392	1.00E-04	0.68626786	1.00E-04	1.00E-04
1.00E-04	0.00977895	0.0422015	1.00E-04	1.00E-04	0.08688598	0.24278859
0.09488901	0.0330582	0.07131445	1.00E-04	0.11566894	1.00E-04	1.00E-04
0.31089739	0.21418429	0.32766524	1.00E-04	1.00E-04	0.10725462	0.15431211
3.64007877	4.42058871	4.24041993	1.41746464	2.18556048	3.03600978	2.89444407
0.24800234	0.38504959	0.39788023	0.22386549	0.26454662	0.36193222	0.59138843
2.99260936	3.079698	3.16859315	2.56054926	2.82970425	2.7743984	2.77984321
2.0267634	2.22164496	2.25493911	1.05035019	1.81170978	1.78698252	1.47769175
2.95494408	2.85081037	2.99692901	3.62438646	3.94972607	3.80777955	3.71558606
5.62059851	4.80495209	5.1040299	6.44002429	6.71770872	6.18098506	6.34943126
2.01826773	2.07663567	2.25992635	2.15029868	2.8129331	3.17897204	3.14568564
1.94531531	2.27312315	2.25956151	0.53685024	1.62093617	1.18099136	1.69629506
3.62902918	3.88473954	3.57309744	1.78161065	2.08087363	2.43636237	2.50244169
0.1332268	0.08759171	0.04993876	1.00E-04	0.1153577	0.39486097	0.2232075
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.09673098	5.62148239	5.86014489	4.70088482	5.06222792	4.8263591	4.97154271
2.62008752	2.764316	2.84803328	2.07898462	2.35300505	2.72788995	2.56455148
2.5205079	2.3778801	2.45588765	3.25563714	3.72010196	3.62918527	3.60600965
4.35321745	4.85404263	4.76079673	2.35394598	3.54434113	3.79861122	3.88089348
0.75005377	0.5374853	0.72903307	1.00E-04	0.14138669	0.37880078	1.00E-04
0.49033965	0.06816869	0.1172238	0.14755547	1.00E-04	0.06589832	1.00E-04
0.0503948	0.07820997	0.10650197	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20645853	0.11970473	0.17345969	1.00E-04	1.00E-04	0.2773146	0.11044143
0.92455186	0.6499753	1.0296071	1.27448125	1.21995736	2.2010582	1.79562637
6.85139888	7.4513217	7.24940679	4.23876747	4.35384937	5.30089381	4.86675879
1.22661905	1.42405407	1.28046397	0.95787935	2.29315231	2.85459405	2.52699125
3.56621973	3.47781317	3.51780267	2.53798352	2.72273536	3.19343736	3.23412115
3.60264037	3.83790988	3.86504201	1.7074212	2.18548539	2.46197188	2.49148403
0.90555675	0.78210856	0.79521246	1.67631829	1.23586903	1.41078497	1.11769494

2.73229547	2.64624014	2.6052622	2.74485824	2.75435533	2.55337134	2.64537319
2.24570882	2.2487136	2.32528652	2.49391992	2.53653538	2.39851878	2.71460034
2.28562565	2.55832028	2.49276566	0.73335245	1.83767698	1.59764113	1.53521261
2.3481392	1.49290954	1.40882511	2.53794017	3.07987986	2.5623261	2.49814117
4.67700505	5.18264501	4.97993752	3.2895352	3.48039884	3.88753187	3.85488963
5.53651447	6.19814952	5.9470001	2.84404589	3.32053658	4.39190478	4.29451264
1.00E-04	0.01007422	0.01478981	1.00E-04	1.00E-04	0.1953302	1.00E-04
0.66622362	0.87964178	0.79597222	0.52660967	0.58107584	0.84379601	1.1554337
2.08387792	2.05249443	1.99952991	2.1555417	2.17852269	2.03505486	2.24383736
2.08937759	1.94656799	1.99597732	2.31861763	2.68330302	2.51346578	2.46997481
1.94593335	2.16204043	2.26627994	2.21681736	2.349338	2.29584782	2.56778234
3.47634103	3.42337218	3.46130335	3.94420648	4.08931298	4.11245921	4.08014138
2.93295382	2.97350592	3.14971522	2.96106491	3.45665693	3.42437632	3.26124914
2.66855497	3.02763604	2.96728065	1.04083964	1.76074161	1.89095729	2.12572899
2.70271478	3.01343592	2.98040854	1.34233213	1.56944928	1.91733544	2.13177948
3.46091787	3.51094602	3.56647316	3.55995344	3.78434368	3.69971099	3.82946684
3.02290781	2.65537059	2.87329194	3.6407454	3.95451417	3.97398914	4.09049733
3.13198597	2.97820713	3.23756064	3.49113873	3.75752262	3.82040465	3.84021787
3.43526473	3.02582612	3.0206928	3.42293567	3.79922559	3.63305287	3.78016441
1.94514627	1.35142652	1.7159214	2.13820944	2.05012116	1.73267302	1.98972688
0.03796614	0.07263046	0.07524174	0.07865641	1.00E-04	1.00E-04	0.33116916
0.12555318	0.04307887	0.01349572	0.49135387	0.82816025	0.39243394	0.48406281
2.8492213	2.2185391	2.53542976	3.13667785	3.69563917	3.45632456	3.58513064
2.11220411	2.3949373	2.43122003	1.1242196	1.27937747	1.99053459	1.77847465
2.74977639	2.66824872	2.8346111	2.49482227	2.93508384	3.03666866	3.15567644
1.97377644	2.08284607	2.25967294	1.62737496	2.18326285	2.22595628	2.01968473
3.44481793	3.14686982	3.34233828	3.66491316	4.1099644	3.66523686	3.88735347
1.45668576	1.28600962	1.35722585	0.70371172	1.27632428	1.66675083	1.55521434
4.14357192	4.82739089	4.77976987	1.77666935	2.42979842	3.53848141	3.61638453
2.48854752	2.47403624	2.62913489	3.25897525	3.4239156	3.43747614	3.55755983
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.64418798	3.01009779	3.11050573	4.38497711	4.77388071	4.60362312	4.53304699
2.07089104	1.75304791	1.92883247	1.23549983	2.08985597	2.54519313	2.49520232
1.00E-04	0.0500813	0.10445621	0.40813547	0.23296535	0.13768791	1.00E-04
1.00E-04	0.08170598	0.26046487	0.33123159	0.16579376	0.5121163	0.92085159
0.23733675	0.24241267	0.42205922	1.00E-04	0.6597588	0.48349946	0.07037134
4.42977213	5.07625892	5.07369245	1.68237023	1.96542122	2.52606602	2.44462983
5.69927339	6.51874199	6.07918964	2.71139632	3.23746676	4.37442878	3.87493759
0.16096021	0.16120713	0.1726756	0.33790837	1.00E-04	1.00E-04	1.00E-04
4.98645781	4.37998473	4.42192282	4.44505951	4.7053223	4.39759075	4.5435215
0.19642876	0.12326712	0.29543929	0.89697447	0.93715128	0.81913826	0.91642087
3.2102564	2.35720903	2.18029469	2.79640852	3.22610671	2.79697057	2.60616816
0.10752409	0.08534689	0.23466256	0.36434343	0.29792137	0.03610254	0.37573899

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.95985886	2.26800481	2.59032968	3.1717553	3.47666519	3.12232294	3.21015307
1.00E-04	0.02575963	0.07098765	1.00E-04	1.00E-04	0.0920172	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13461571	0.0189736	0.00641992	1.00E-04	0.22090196	0.09787057	0.18093189
0.44253518	0.24552342	0.32150961	1.00E-04	0.85016955	0.74378833	0.99098699
2.706403	2.99583949	3.07523268	1.29969056	1.63025233	2.14065053	2.21900413
2.42022527	2.49875489	2.41901917	0.94682649	1.27408565	1.48222251	1.380085
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15966605	0.05394199	0.07253742	0.15793836	0.1442526	0.18973113	0.34183043
5.25556985	4.78734247	4.77351445	5.03348632	5.40526006	5.28542159	5.20123001
4.15903958	4.1807851	3.99005581	3.90685738	4.1715694	4.25528612	4.3353185
1.40721036	1.62222841	1.37944667	1.00E-04	1.00E-04	0.32452184	0.51615991
3.14776963	2.91969217	3.1030891	2.06034349	2.37661718	2.43065308	2.33815293
0.98283455	0.54064913	0.88269672	0.47435565	0.09366255	0.34342845	0.47446768
0.56465653	1.13445468	1.11159559	0.21383541	0.13757355	0.41915098	0.66198718
0.53713023	0.73550715	0.71349843	0.5985397	0.78761375	0.67730818	0.85157983
3.74012961	3.47956512	3.6103159	4.10937893	4.35916499	4.2911732	4.37021674
1.00E-04	0.02500855	0.00746306	1.00E-04	1.00E-04	1.00E-04	0.0865326
1.53395211	1.12818945	1.22191248	1.67367567	1.874315	2.0466118	1.92172481
1.00E-04	0.01740265	0.00764467	1.00E-04	1.00E-04	0.07926028	1.00E-04
3.00601203	3.50015107	3.24326484	1.42507287	1.52234542	1.94326784	1.85921773
1.44730311	1.55318196	1.89200508	0.73819625	1.31756485	0.99961418	0.90853192
3.38253955	2.75277318	2.91155125	4.09501082	4.47088979	4.25250123	4.23393306
2.97569295	2.9965189	3.02908161	2.85254129	3.22549479	2.92931503	2.90909839
2.28238954	2.41883489	2.51854385	1.71322414	2.11219694	2.37082643	2.61703654
2.98537328	2.80177035	3.03385677	3.49858425	3.72521993	3.87007192	4.00959997
0.36572915	0.27443423	0.38199156	0.44231982	0.13766194	0.61664147	0.56684899
3.79253963	3.67902419	3.52732034	1.35009724	1.73127896	2.03911165	1.87548441
0.2437222	0.02762834	0.02753235	1.00E-04	0.80742307	0.10162919	1.00E-04
1.77667564	1.74321789	1.88681023	1.90040872	2.2269665	2.37908899	2.28820616
2.87789433	1.57395857	1.96237583	0.40896819	1.11512173	0.28148265	1.00E-04
0.27405871	0.03918822	0.03182158	0.07852155	0.82509342	0.08192639	1.00E-04
2.17742173	2.15914846	2.33219997	2.31776752	2.35363598	2.53349014	2.59282756
0.23590508	0.07846963	0.10665728	1.28791789	0.45230128	0.32808243	0.07196337
1.30397085	0.93869786	1.38593278	2.0453027	2.44087114	2.6745152	2.74845843
0.52148235	0.21181179	0.25561104	2.10731409	1.75525069	1.88004396	1.76176981
3.30891842	3.31516551	3.34856185	2.91950023	3.15597656	3.1449043	3.40501862
3.72043787	3.33333063	3.49755753	3.92833393	4.37540711	4.23019528	4.23168611
3.67259645	3.34535904	3.38363333	3.73106282	3.96657552	4.04113475	4.06166925
4.33816846	4.65765956	4.63252208	2.09223128	2.43192805	3.25200482	3.30464552
3.68627602	4.07321809	3.95960747	1.82409443	2.59211274	2.94356709	2.98062289
3.09039305	3.8197908	3.70829056	0.51899463	1.91534666	2.60631717	2.38455366

3.83828576	4.34223469	4.28789785	3.00876477	3.22250318	3.64590783	3.70784421
2.39411744	2.39911855	2.43467198	1.9774887	2.40005569	2.38664619	2.47963426
3.42024978	3.09035764	3.22255638	3.66869342	3.88213208	3.82961675	3.900627
3.79655495	3.89438875	3.83513223	3.81715324	4.09916657	3.98932585	4.25573105
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3.33097644	3.01673382	3.20686169	3.46166166	3.84657374	3.99202797	4.04719507
0.35047501	0.10739004	0.19343457	0.68391771	0.70058403	0.38164477	0.27666213
2.30985956	2.21460132	2.4910778	2.07948887	2.92217329	3.62058574	3.57982887
0.18908339	0.13881156	0.21293933	1.00E-04	0.14838934	0.43684894	1.00E-04
0.78660762	0.90935633	1.05446643	0.3352515	0.44523944	0.65756316	1.16020575
1.49210321	1.05667612	1.23893149	2.03554601	2.00771805	2.16339654	2.28999708
0.31980344	0.11463715	0.22454833	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59204491	1.00E-04	0.08653352	0.45838668	0.27283303	0.51791831	0.21845667
1.00E-04	0.01236165	0.07734735	1.00E-04	1.00E-04	0.10136985	1.00E-04
0.45277892	0.23710411	0.29874727	1.00E-04	0.55756881	0.54844734	0.65333746
0.55699765	0.36300304	0.46110894	1.00E-04	0.92137505	0.87486963	1.13390752
1.00E-04	1.00E-04	0.02739665	1.00E-04	0.09794061	1.00E-04	1.00E-04
0.35258927	0.28780248	0.2875484	0.54877802	0.95070184	0.50652072	0.84828604
1.13433608	0.6286475	0.85887232	1.96697693	1.4591558	1.40146285	1.61444792
3.03328214	1.82336583	2.44406349	5.21777364	5.03778069	5.33488131	5.56614679
2.87428929	2.25094431	2.5579275	3.19574243	3.6271948	3.60271635	3.58088015
3.28593849	2.57340039	2.26530145	2.11339777	2.64511365	2.42438985	2.32610858
4.25758519	3.51115249	3.72184004	2.1133619	2.55800606	2.19436287	2.23544814
0.84882023	0.69145776	0.62449085	1.00E-04	0.35818144	0.20725213	0.2186323
1.31674067	0.93957722	1.04584456	0.64369104	1.70612276	0.50843936	1.00821882
5.05822473	4.49525769	4.58086676	4.76105524	5.09816591	4.91502178	4.97806617
4.42991011	3.82815993	4.24195663	4.70400568	4.71910098	4.49164672	4.67273792
4.68534416	4.06556547	4.16544738	5.14968667	5.49675457	5.47023837	5.43763657
0.2683564	0.1251548	0.23859682	0.29996748	0.56242948	0.40448679	0.22756075
0.79719968	0.66254697	0.80064788	0.77261542	1.29369517	1.19851139	1.50244827
3.69861305	3.42509287	3.51181336	3.85030283	3.96141596	3.81149903	3.94265418
1.83289862	1.25456156	1.53401554	1.13289626	1.91266508	1.61561198	1.64298776
3.75295104	3.38229024	3.36374036	3.16752556	3.29068278	3.29847316	3.41950194
2.37969593	2.27437701	2.39901612	2.14019406	2.45911208	2.68787978	2.90472084
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.72635239	4.41318642	4.55420722	4.53494445	4.78180318	4.8525966	4.92768
5.74475485	5.1812128	5.32199038	6.91002214	6.97473992	6.75957478	6.73572204
6.18280433	5.77818369	5.70799293	6.71023065	6.8685872	6.73524263	6.93519247
3.77965571	3.5669273	3.74488869	3.86310397	4.04493646	4.00219904	4.09533359
0.39353027	0.15682105	0.1374268	0.50666182	1.06755017	0.71640969	0.64072429
3.68838136	2.9973552	3.31825687	4.19354825	4.55115428	4.55716741	4.58660951
3.08779076	3.05309269	3.20940318	2.90697955	3.4999728	3.5825096	3.64157273

1.4303009	1.34889206	1.52186938	1.80203249	2.19181938	1.80059273	2.13145293
5.6325532	4.99426072	5.15167314	5.7345612	6.00024525	5.95234355	5.91460843
1.5843275	1.46415235	1.43030147	0.41896863	0.53857036	0.57870028	0.29779109
2.55367058	2.51940557	2.59783579	0.32126472	0.57237129	0.9245172	0.58845216
0.58705772	0.47140804	0.58596598	0.96848966	1.02681876	1.18423603	1.55862917
1.52735144	1.03837399	1.16075711	1.83778547	1.7055554	1.64155076	1.46105822
4.20076159	4.22180528	4.07413773	3.53116587	3.78755965	3.69556783	3.82438076
3.38334627	2.92846634	3.23446327	4.21240396	4.51011773	4.42079546	4.50606715
4.99476498	4.31224564	4.19607926	5.24221121	5.55566878	5.41477336	5.39112096
0.47933748	0.63522618	0.77011705	0.20455396	0.76309006	0.43297432	0.68651122
0.48587201	0.15550107	0.18475255	1.31286292	1.00175438	0.23359952	0.58718267
0.02854911	0.02151881	0.0299487	0.30084121	1.00E-04	0.1062004	0.05572384
0.31835647	0.29572548	0.22330249	0.19599459	1.07942861	0.83456278	1.13262008
3.46057304	2.87829275	3.00067226	2.95051945	3.05736888	3.09517432	3.32228833
1.00E-04	0.03698196	0.01124406	0.1731961	1.00E-04	0.04342468	1.00E-04
1.00E-04	0.00815098	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21048912	0.14326628	0.20352275	0.40053513	1.22600844	0.92985835	1.06680153
1.23491073	0.62933837	0.81972336	0.17290945	0.87464579	0.48943678	0.13640788
0.72938417	0.70499884	0.60943801	1.40012735	1.05311725	1.57562317	1.10889313
2.78252557	2.85446292	2.80192411	2.68589073	3.07523752	3.14951222	3.26812189
2.77178725	2.70620617	2.86951225	2.74875939	2.4663719	2.87225396	3.2147358
0.13886764	0.02536026	0.05361745	1.00E-04	0.35391234	0.31823638	0.72866284
2.76576414	2.40954689	2.55539817	2.36594394	3.08067513	3.03681364	3.40845429
6.00791802	5.35556129	5.66107196	7.7054821	7.94233156	7.94798218	7.90778555
0.16333613	0.03107858	0.01088845	1.00E-04	0.42139619	1.00E-04	1.00E-04
2.81796181	2.72599297	2.84011658	3.51940097	3.47179049	3.67518926	3.87072803
2.19196163	2.55676793	2.58421386	1.603033	2.21578458	2.27869708	2.42042289
1.56292378	1.5209923	1.62432556	1.10589747	0.84052012	1.25306973	1.24391001
1.83082177	1.51209286	1.61343306	2.2625621	2.57874427	2.3756413	2.43286129
0.12368605	0.20568077	0.23962422	0.16664524	0.59982507	0.74805714	0.85415639
1.98754977	1.99631467	2.04207644	2.37044953	2.48930868	2.72616003	2.76469291
1.19895838	0.95272758	0.95990581	0.26637304	0.2781918	0.79831893	0.75171751
2.97650383	2.64587649	2.88222981	4.57144543	4.75687795	4.51164555	4.67499276
0.2215828	0.06439155	0.00715501	1.00E-04	0.35360067	0.16844932	1.00E-04
0.23225624	0.25930695	0.33214943	0.114704	0.96831473	0.70115854	0.89560842
1.78152695	1.80702328	1.74016775	0.75546946	1.35268049	1.60366793	1.29660987
0.12434634	0.15094797	0.1053465	1.00E-04	1.00E-04	0.08030139	1.00E-04
0.86231335	1.36012999	1.16423279	0.49705987	1.37458228	2.23829294	2.24443768
0.21677334	0.24813967	0.29532453	1.00E-04	0.67888055	1.05604333	0.79014608
0.01283004	0.00404665	0.00822939	1.00E-04	0.11349483	0.12692998	0.22643716
2.41447824	2.52069625	2.6577292	0.45967042	0.88732541	1.19460417	1.25302682
5.05597893	4.39455537	4.50473173	4.79895524	4.99276656	4.76998506	4.71810181
0.80403211	0.78597121	0.70100449	0.9605939	0.67734659	1.0936724	1.42170372

3.14751085	2.71401623	2.99850779	3.35739379	3.77494885	3.7107651	3.69769411
0.04049976	0.07001035	0.06015332	0.25438118	0.12289812	0.03212082	0.09480639
2.98219861	2.55492786	2.73263936	2.57403972	2.20968196	2.08504291	2.34760006
0.13199239	0.06229042	0.08426336	1.00E-04	0.63811628	0.6600762	0.66634422
2.67080028	2.67327936	2.87255941	3.73288403	4.02287121	4.13150341	4.18496653
1.03602546	0.42906446	0.61807196	0.32661102	0.97703783	0.68312876	1.05344576
0.31245542	0.16984301	0.30526035	0.26131023	0.39041851	0.5099895	0.19238612
4.40618951	3.94204404	3.81974565	3.84276421	4.20511113	4.05003594	4.08248059
3.07286976	2.5845921	2.56470051	0.35259163	0.98250503	1.07726768	1.15511301
0.23391388	0.10489875	0.13873759	0.36723144	0.69645135	0.55838669	0.70532898
0.34859269	0.15368396	0.17882376	0.12560403	0.36148505	0.48083228	0.50787508
1.00E-04	0.01311777	0.02368789	1.00E-04	0.25054875	1.00E-04	1.00E-04
5.10959065	4.56549558	4.75142193	4.91449614	5.0989202	5.08788752	5.0852884
0.74579833	0.39478096	0.46776667	0.64664537	1.77694797	1.32270893	1.1934479
1.70840594	1.36058839	1.61662678	2.55826291	2.73435509	2.54193183	2.58190742
0.1606879	0.13142529	0.16330664	0.2327895	0.29744019	0.23896847	0.82126885
3.99181943	4.21852104	4.26421803	3.2261602	3.32413082	3.4103821	3.4887497
4.94439675	5.38939819	5.28854109	4.03528308	4.34259906	4.52906068	4.59817334
1.00E-04	0.05175427	0.03338386	1.00E-04	1.00E-04	0.15809271	1.00E-04
3.68362257	3.66370264	3.81316113	2.80053275	3.24747632	3.51105242	3.6727692
3.93353475	3.8314868	3.87140581	1.52124954	2.19290276	2.03057764	1.73809604
1.36512511	0.82267649	1.45463769	0.19683926	0.46170719	0.16917227	0.55056341
5.10435599	4.28591169	4.8018642	6.04586844	6.08684351	6.01629194	6.14240119
6.71304736	6.54220292	6.43918375	4.81067429	5.07901407	5.29769751	5.51136942
1.41981124	0.17733597	0.39473499	0.37184219	0.55746049	0.51300935	0.50371466
3.88708607	3.67399112	4.10233518	3.41127399	3.34831812	3.67021037	3.73071619
0.03585554	0.01111909	0.00918645	1.00E-04	1.00E-04	0.06637523	1.00E-04
6.43074369	6.57297295	6.53879589	4.61561205	4.98846457	5.11102847	5.32227501
3.51254815	3.95287953	3.829373	2.69160102	3.41623203	3.24579994	3.10601816
5.57019972	5.51706563	5.49706102	2.63133607	2.94205937	3.45793688	3.23869874
6.29365056	6.6166846	6.54761168	4.03501349	4.36725634	4.9223843	4.76774811
3.9495138	4.18516367	4.15437612	4.83832052	4.88981376	4.89506741	4.97519809
5.28120835	5.34887404	5.22721013	3.65006132	4.30422796	4.37062996	4.4014651
0.21202935	0.02778412	0.06443192	0.30080682	0.07273092	0.15137625	0.23375354
4.21884873	3.36513706	3.56652118	1.32561191	1.93609797	2.01578908	1.85375018
0.14242049	0.09514802	0.11517358	0.31312062	0.47098413	0.12338413	0.33181457
5.01344988	4.43068789	4.56567463	5.3833638	5.55427361	5.3165197	5.36808908
0.02286523	0.04143043	0.01933076	0.29426949	0.24303896	0.18769581	0.38321557
2.01533279	2.06922886	2.5893069	0.90126796	0.78046439	0.82459622	0.27915555
0.18547503	0.05576731	0.06415768	1.00E-04	0.1242879	0.12153169	0.05846379
3.39194153	3.02808829	3.11840116	2.69407953	3.05721476	3.06320828	3.38957458
4.76628061	4.63677258	4.90380965	3.40813749	3.78229659	3.78704413	3.77801186
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2.37792273	2.52806243	2.46703515	2.34090013	2.6030155	2.49071903	2.73072112
3.17322063	3.40297366	3.35607389	3.19860057	3.62884336	3.63227508	3.66617552
0.1009877	0.18950227	0.31983154	1.00E-04	0.56933432	0.43337683	0.16515767
3.3321685	3.84534305	3.79673405	1.54387916	1.98165257	2.7688415	2.63468546
5.09442739	5.69558449	5.82806992	3.48149202	3.80733323	4.32752691	4.34426899
1.91395572	2.06275131	1.7508018	1.75599671	1.61289373	1.88793797	2.11716877
3.4737927	3.28001954	3.41054972	3.31947736	3.70877423	3.68509233	3.80068843
4.06958552	3.70620892	3.91751398	4.14712684	4.19247609	4.00741362	3.99701996
4.66463284	4.27084508	4.33535724	5.01111518	5.27013251	5.19913987	5.26267962
4.72134345	5.03509663	4.91179791	2.21427619	2.89985042	3.59167325	3.41497502
4.94476774	5.27737628	5.28674524	1.96467535	2.63303751	3.39967543	3.26508981
5.45752316	4.88762097	4.96771273	5.4399149	5.73108866	5.70454689	5.6656954
0.19317332	0.25742031	0.36792138	0.31472763	0.16833575	0.0809283	0.28687464
3.95961063	3.72324629	3.84412263	4.0222307	4.17799335	3.92203424	3.8192447
3.44527681	3.44798057	3.66488278	2.92953318	3.48318773	3.54744549	3.67796763
2.39478347	1.76075247	2.05853901	2.6621339	2.83842229	2.694238	2.78359667
4.24861321	3.688412	3.82560907	3.8580461	4.21732187	4.17581804	4.32240835
3.28974449	2.7988309	3.05062204	3.73721279	4.02643051	3.84612617	4.01026772
2.61474597	2.8569306	2.90148933	2.37632751	2.9895855	2.99486471	3.21411786
3.97786112	3.5488812	3.73677823	4.02578652	4.45874984	4.41888729	4.3518851
2.28148213	2.38704534	2.45775089	1.54467399	2.39729524	2.56330688	2.27489032
3.0875889	2.57246614	2.89364346	3.3981549	3.91421761	3.58007335	3.64939721
2.55563163	2.71232664	2.81222404	1.50325914	2.25661829	2.3442515	2.44369098
4.21974306	3.73643491	3.62031012	3.35738946	3.4930483	3.63582815	3.81849467
2.1672406	2.16117109	2.3486572	1.74914478	2.02818089	2.18211516	2.2003917
2.96900466	2.52427135	2.62624606	2.92292585	3.34607591	3.02085581	3.16719782
4.52149667	4.3578252	4.48454245	4.00480353	4.11934571	4.07276507	4.11930135
2.50594966	2.24887041	2.84567981	1.37690595	1.11311047	1.32502291	1.27464179
0.49354895	0.37473894	0.36190308	2.6957904	3.0228631	2.34326972	2.33125663
2.03996932	1.96916282	1.9986875	2.30137524	2.75958196	2.4810868	2.38965605
0.33009719	0.21147979	0.42941443	3.12008228	3.35760915	3.19986083	3.38716241
4.48288874	3.90123862	3.85475424	4.5647414	4.73422216	4.44011258	4.67575692
1.61196412	1.22267982	1.15160221	0.98000802	1.2754028	1.34058405	0.98370084
4.4378449	3.94715933	4.08385565	4.78236466	4.9773321	4.95215593	5.03427741
1.24013785	0.88523528	0.79495298	1.74059272	1.85487594	1.6554992	1.59856204
2.35760211	2.3832827	2.70610363	0.90909455	1.05678519	1.36468476	1.29207504
0.29640109	0.10327082	0.13379667	0.13357361	0.78325941	0.94558749	0.29363838
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.71795632	4.83983925	4.58351451	2.14663719	2.04817078	2.96498642	2.65381083
1.84984533	2.21906284	2.12357344	0.7510904	1.29018502	1.36158944	1.42945808
3.52592803	3.68800218	3.77824643	1.45723759	2.33136152	2.65060474	2.88052706

3.40361113	3.32727273	3.49207117	3.20384897	3.46304602	3.51382364	3.55230478
3.41572895	3.32410068	3.46150121	3.29839429	3.6450363	3.81218035	3.76511556
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2.33891837	1.67115868	1.8425624	1.11983523	0.99591015	0.66234815	1.21156188
0.18395516	0.11176355	0.25556956	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13847565	0.04036867	0.05234935	0.11488395	0.18958457	0.19936224	0.27829825
6.04313625	6.05042071	5.92929807	4.22038094	4.56018243	4.62633751	4.60017129
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1.00E-04	0.03513523	0.03019897	1.00E-04	1.00E-04	0.2313498	0.21974473
0.18762421	0.10120503	0.06927563	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01741572	1.00E-04	0.00592226	1.00E-04	0.21821531	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1441902	1.00E-04
0.13774801	0.18482173	0.28190122	1.00E-04	0.30301596	0.7850898	0.43383569
3.51893048	1.4628529	2.19805514	0.5841714	1.14196164	0.70765043	0.80956097
0.70568128	0.26716837	0.40135066	0.17576013	0.37806675	0.6679359	0.39174255
3.0090478	2.90965544	2.97781922	3.91880021	3.92378677	4.39233814	4.56747019
0.64855895	0.40101852	0.63530457	2.79403623	2.46116893	2.60241823	2.92676233
1.7114988	1.30377779	1.4391915	3.25614567	3.22679821	3.38712076	3.6668095
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0.07359482	0.07660845	0.06780212	1.00E-04	0.15997198	0.22724828	0.18195994
3.48299975	3.73035826	3.6284014	2.38283753	2.42462781	2.5820256	2.45250948
8.15632502	9.1705585	8.79832467	5.13485441	5.60746062	7.06603818	6.40813698
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6.23297147	6.67177911	6.70354698	3.34560125	4.11995278	5.07052286	4.60457855
0.15889607	0.06613438	0.07782414	0.52749919	0.75785091	1.55314157	1.77273202
8.90374731	9.03426629	8.88022667	4.99337662	5.62262029	6.69889515	6.04306216
1.00E-04	0.02328138	0.00455716	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77819493	0.42817775	0.46313499	1.77043229	1.87222947	1.50716381	1.38278263
4.1195077	3.2602126	3.31690014	4.24732906	4.51726231	4.27269009	4.62006823
2.19228443	1.88935596	1.99597455	1.20029866	1.01901171	0.94947124	0.93429942
2.80793318	2.41750889	2.71295103	3.60569977	3.70075511	3.98454727	3.90704937
4.08984312	3.18851528	3.14488977	4.10573389	4.31762384	4.44415205	4.45700049
1.00E-04	0.01089767	0.02001027	1.00E-04	1.00E-04	0.08830201	0.30986569
1.08225333	0.99183717	1.12470966	0.44142047	0.6865975	1.09102637	0.78767752
2.57143113	2.68539982	2.67652524	1.86365919	2.46676567	2.30846969	2.51829955
3.6390126	3.38422426	3.46989931	3.49525991	3.75584955	3.79765709	3.81078264
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4.68372522	4.19031056	4.35240534	4.73421577	5.00083798	4.96708302	5.05147401
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2.91631086	2.85893979	2.97866022	2.51069832	3.06144327	3.0226448	3.2436791
0.07811849	0.13003087	0.23661289	1.00E-04	0.18915206	1.00E-04	0.14966115
0.89712188	0.85377666	0.89752165	0.64659499	1.42304791	1.91105296	2.16105782
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08457426	1.00E-04
2.37044648	3.58832308	3.93081074	0.61127229	1.61138098	1.96561795	1.90739104
1.00E-04	1.00E-04	0.03828096	1.00E-04	0.06139631	1.00E-04	1.00E-04
0.26328479	0.10172002	0.63663997	0.16926772	0.72628876	0.19022596	1.77792762
1.00E-04	0.01458168	1.00E-04	1.00E-04	1.00E-04	0.04872032	1.00E-04
0.64891436	0.32566615	0.57138996	0.44183363	0.5722729	0.82623846	1.12018693
0.3218806	0.08654673	0.08369954	0.2858091	0.43330073	0.26993785	1.00E-04
0.72644377	0.40332377	0.80762646	1.00E-04	0.2156807	0.11306536	0.17430753
4.31913289	3.94008075	4.15006945	4.52654811	4.87619632	4.74754004	4.69368135
2.72196541	2.65054161	2.79058051	1.2993681	0.8399386	0.79850404	1.1976442
3.03829534	2.87672642	2.88596787	2.34372194	2.9846164	2.9909486	2.925453
3.94235166	3.88053453	3.91511371	3.47888306	3.54124258	3.40501067	3.65471013
4.1032849	3.23544951	3.44154313	5.86439492	6.06267277	6.18323483	6.02600664
1.04843199	0.69075204	0.90462618	0.91866953	0.74990584	0.95754443	1.17798563
3.37700625	3.269557	3.36291795	3.3737922	3.74674911	3.54767521	3.62958265
2.24535169	1.70113567	1.70438457	1.00E-04	0.48906807	0.56107282	0.21838005
2.96111852	2.52125453	2.74287076	3.54127052	3.54766923	3.49625316	3.47509692
5.14794805	5.33075246	5.2432774	3.98044325	4.3065485	4.55664511	4.58027586
3.45425047	3.86314599	3.83177519	1.96044279	2.23628557	2.73955745	2.71760691
5.38922599	5.56164404	5.20001673	4.05697018	4.34926638	4.71000608	4.53220807
4.76880479	5.09425517	5.22927505	2.00668267	2.67724604	3.58784238	3.57427073
4.20703372	4.33665089	4.4289107	3.24160266	3.46154181	4.02518413	4.26624334
2.2462459	1.91894314	2.10395806	2.27402273	2.34814553	2.36652126	2.38017162
3.15606691	2.92200888	3.0569494	3.30398812	3.59862034	3.3303149	3.68048522
4.65605156	4.3920421	4.34995913	3.87467991	4.22667276	4.05841825	4.13391191
5.0412984	4.5457078	4.62939229	5.45003734	5.71579482	5.59799499	5.6379644
4.60013073	4.04046703	4.17846079	4.47433474	4.81154213	4.5753404	4.63302066
0.40396874	0.19353169	0.45247834	1.03697774	0.46160299	0.58302152	0.46944437
4.34118128	3.84742928	3.95095216	4.14731159	4.44103871	4.2077187	4.12798113
1.96657175	2.36834812	2.33681712	0.89782762	1.37240694	1.80889295	1.7291681
3.12568585	3.17525508	3.33523523	2.01049234	2.46051058	2.68479898	2.73629668
0.77302163	0.84857531	0.75469325	0.56972503	1.01673944	1.64269195	1.59163479
2.04433317	1.2455899	1.68089144	2.60182769	3.17653927	2.89617652	3.25052387
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.8342259	4.85470938	4.72009445	5.47372547	5.58122111	5.65012022	5.63710021
3.81747616	3.43938595	3.70671326	4.06503046	4.55592593	4.43222083	4.52956948
6.42798423	5.41044597	5.56988904	4.92547352	4.91262844	4.52715038	4.99992082
1.03836148	1.01560882	1.0239126	2.0516527	2.21108973	2.59824954	2.3602542
3.78734332	3.00851643	3.12972518	4.55804207	4.81028359	4.80672046	4.87120909
6.44363314	5.8511731	6.11184681	7.56348964	7.8535451	7.78253378	7.88474726

4.35006359	3.84519177	3.97821011	4.35403373	4.4459742	4.32566552	4.4178806
6.5565524	5.9005775	6.03941251	4.76838205	4.9534684	4.84046797	5.04926773
2.0854223	1.89691933	2.06863084	2.19208914	2.88307671	3.04230795	2.96861592
1.87668955	0.84764978	0.86442059	1.00E-04	0.72597728	0.24525605	0.11961416
4.63680077	4.1850408	4.34339259	3.06076973	3.62595818	2.93230626	3.10646165
4.16037471	3.42192429	3.85977258	0.62540669	1.10327488	1.15072768	1.29071187
1.72551976	1.43607582	1.60925895	0.21962321	0.46130121	0.68843895	0.55224725
6.74990867	6.13744899	6.37657336	3.93138113	4.272595	3.61109186	3.91293197
4.04651805	3.7892999	3.9919734	5.33210763	5.38106596	5.46137417	5.55800443
7.24147811	6.46866776	6.59966275	6.61799975	6.81156521	6.71001179	6.69048428
3.175091	2.81484328	3.15856997	2.99291785	3.05914741	3.17054853	3.21763001
0.17851856	0.10478406	0.06800971	1.00E-04	0.10213962	0.10149936	0.22969054
1.04206745	0.76568825	1.21890941	0.29282122	0.71109606	1.00E-04	0.43934401
4.83893849	4.81976252	4.81277967	4.71276113	4.79919583	4.90070375	4.98667199
4.57274745	4.16897397	4.17284092	3.42019987	3.48123113	3.27616342	3.82248489
4.51967479	3.87887747	3.7273915	2.35486786	3.21221234	2.57247045	2.49197218
0.46669355	0.19253893	0.30767104	1.17219038	1.22339795	1.08734881	1.53284296
3.51421607	3.00996948	3.27628548	4.78291521	4.97591204	5.02733159	5.0658875
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87278222	1.49080102	1.64588771	1.88602658	2.80792836	2.25054667	2.38623906
3.9133511	3.76545206	3.88427602	4.60488401	4.87978439	4.82094781	4.98143784
0.12730815	0.04399957	0.0214007	0.16942456	0.32207196	0.18824612	0.21841335
2.19066943	1.72482151	2.02389254	0.66252119	1.18419048	0.77719216	0.50938427
0.35675316	0.28177343	0.3530034	0.77407346	0.96631831	0.73116251	0.95404576
3.34405644	3.30023069	3.592238	4.45136653	4.58972298	4.58008529	4.69339005
3.60694145	3.45007978	3.50085087	3.62855103	3.58422767	3.54094553	3.68745404
4.57977436	3.38226478	3.91855253	3.26770971	3.04568013	2.88589148	3.05511034
0.25533705	0.22701161	0.20095269	1.63189676	2.00261606	1.57557874	1.44019999
2.33972583	2.39509285	2.50827314	2.79255062	2.9886259	3.52703234	3.60171433
4.49891832	4.73370293	4.74615695	2.87617776	3.44651981	3.82514034	3.9273458
5.23601082	5.96648455	5.84766181	4.49188627	4.74432236	5.34962217	5.42720075
0.20764552	0.13081458	0.11481135	0.24882642	0.15415663	0.33410126	0.20061859
3.69431511	3.65869473	3.79823257	4.98978007	5.04706054	5.08322558	5.17739565
1.85770279	0.81153122	0.9437954	0.29182341	0.2950247	0.32951769	0.29566521
4.79292601	4.27202085	4.32889433	1.14485174	1.4722007	1.524098	2.01982557
4.23174336	3.76443839	3.91203709	1.8697217	1.86742274	1.65126532	1.92460493
2.8964443	2.28961006	2.59698803	3.68077745	3.64507267	3.77313999	3.86160399
0.02438218	0.02730805	0.05980992	1.00E-04	1.00E-04	1.00E-04	0.08619455
0.18579691	0.16843159	0.15455008	0.29788802	0.20806746	0.17121841	0.44555413
1.19387755	0.95151646	1.01764154	0.85592614	0.84719693	0.12227682	0.43031228
4.89003643	4.62451041	4.6354237	4.96868272	5.34832059	4.92496192	5.21870986
1.70956775	1.6913282	1.63805713	1.78988591	2.18388339	2.41856276	2.49911854
4.39158236	4.27909641	4.30827288	3.75935023	4.08093087	4.13224475	4.32007502

0.87139095	0.41711777	0.49822708	1.00E-04	0.64909036	0.41469931	0.7114216
4.45217942	4.45812575	4.51151565	3.35982606	2.82668333	2.92409563	3.20796257
5.2807578	4.78478435	4.77244419	6.28788817	6.6364454	6.42803628	6.63850783
2.41375034	2.06031916	2.24555092	3.14042166	4.13759689	4.24803394	4.47446686
0.96489431	0.90042977	0.89425306	0.91175887	0.79909004	0.56211286	0.82836701
0.36273127	0.17484005	0.10885024	0.54405822	1.06150152	0.4204091	0.78071439
1.58168838	1.71959381	2.04739236	1.66593229	1.41081233	1.72003916	1.96083529
1.55939814	0.79247701	0.79997323	1.18395956	1.89439908	1.8629593	1.72246945
2.43928726	1.71257432	2.19388941	1.73261369	1.66655925	1.26979884	1.7053769
1.63631415	1.48222802	1.53141974	1.07132599	1.3264637	1.19536596	1.04074644
4.10574419	3.88520134	3.96043454	4.91256818	5.08266915	5.1494737	5.28004787
4.52177396	3.89452464	4.02515992	4.88608839	4.92528024	4.71959513	4.77747208
1.9546458	1.70455166	1.99585058	1.99816742	1.89432056	1.4136655	1.66843519
4.97038254	4.58495955	4.85911723	5.41092464	5.7901697	5.63014503	5.69154851
6.02268768	5.37099823	5.4707431	6.45981442	6.6569729	6.6232337	6.59484498
5.3934242	4.84405117	4.98381254	5.78698872	6.13047375	6.11571004	6.02783993
3.03908108	2.71622799	2.9016253	2.03182571	2.17284892	1.92308553	2.39119529
3.09977548	2.93408701	3.08850229	3.53485329	3.66613717	3.67342451	3.76549737
0.0687986	0.1923527	0.18434081	0.19200089	0.24192949	0.60242893	0.22070671
4.11210371	3.99019381	4.09636521	4.55803205	4.78755458	4.84978895	4.98857436
5.34399328	4.90382868	4.91089303	5.86362814	6.16242174	6.15673228	6.11781401
3.14938411	2.82213272	2.78354562	3.33631164	3.31894446	3.20521527	3.41400364
4.85866696	4.03990291	4.12913479	5.41292788	5.49105633	5.14523158	5.45716315
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4.32962567	3.89346681	4.07348081	4.61267841	4.98162605	4.82787813	4.87498377
0.43112297	0.36752902	0.62661053	0.46689017	0.33002435	0.75944124	0.58547123
3.49981977	3.78162066	3.80513959	1.87542152	2.24885348	2.80718526	2.83687626
1.86836696	1.80978032	2.11959105	2.13089194	2.2298398	2.06379717	2.50592441
3.37879053	3.78117592	3.82366249	0.86599333	1.21845315	1.87524493	1.96782575
0.30753499	0.22865468	0.30163881	0.34977421	0.43169246	0.73776097	0.96757415
3.33979549	3.21126279	3.31732402	2.93584198	3.3725834	3.46652178	3.65314069
3.06244577	3.38657423	3.31589164	2.3391701	2.72676242	3.01589817	3.04569269
0.43073067	0.33478001	0.35032727	1.00E-04	0.69925847	0.60495307	0.43197794
5.57335473	5.11650962	5.18712933	6.07612378	6.35057004	6.40810426	6.28137982
1.8873741	2.2986245	2.32788666	1.39351712	1.72854046	2.07308321	1.8681908
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3.16206	2.92766243	3.16441065	3.85775807	4.19358182	4.43336671	4.34850568
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4.59520914	4.39341141	4.77380728	3.98014246	4.06786281	4.55334793	4.75235598
0.84695301	0.96990172	0.99349789	0.39725129	0.12389274	0.43689438	0.11438551
4.36309324	4.24646622	4.35621709	3.81411349	4.20848928	4.284035	4.42657844
3.0164078	2.90694955	2.44781849	2.84282042	3.20575577	3.13505046	3.02664113

0.33726267	0.17984363	0.23109729	0.70188818	1.01346583	0.64244803	0.91972886
1.35615192	1.23790624	1.40294262	2.05140048	2.06410927	2.28549329	2.50770141
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1.04248284	0.64349312	0.70618359	1.17400941	1.68025942	1.54973436	1.39779656
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0.51511031	0.3520744	0.46685871	0.246881	0.59232491	0.69569044	0.92749661
3.27333416	2.81661524	2.91265049	3.88180618	3.93400903	4.02565477	4.11217722
0.90386281	0.63556855	0.62392727	0.39825661	2.07442639	1.63800756	1.9097204
0.92204941	0.41050546	0.60252022	0.59373314	1.73597451	1.02008606	1.86601492
1.85893909	1.81689514	1.83271729	1.13042065	1.74766021	1.81911354	1.51498569
1.72263042	1.73233636	1.79545108	1.74022141	1.92610377	1.82975122	1.82393054
2.69148339	2.39210427	2.507288	3.25587473	3.56258825	3.41642956	3.19958555
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3.41328599	2.98930364	2.99158902	0.80692759	1.49151681	1.48699958	1.38224474
1.90781028	1.72273655	1.6892773	0.9756441	0.98348388	1.51154376	1.56107766
3.29289345	3.55027889	3.64689024	2.1786661	2.81604846	2.76984599	2.63268644
0.90799919	0.89256924	1.12491993	1.21691787	1.50296258	1.63063591	1.35686546
2.41445722	2.50294342	2.68484691	2.25411481	2.44027543	2.6597586	2.63051804
1.79529751	1.77371039	1.46780463	1.64536958	2.01292971	1.82028985	2.11911068
0.38073088	0.18486226	0.27266409	2.01780424	2.4139849	2.10247777	1.65274117
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0.02783579	0.04782825	0.04968052	1.00E-04	0.47052059	0.30996084	0.48154768
1.53358568	1.6818034	1.95811011	1.8710995	1.92475859	1.85505029	2.24820852
3.60946676	3.13191259	3.3502572	4.16420642	4.36704169	4.37049921	4.40871772
0.38586274	0.13751627	0.06286489	1.00E-04	0.19268816	0.44964098	0.39901546
4.28983468	4.22699403	4.0879371	5.03540989	5.25358185	5.11193707	4.79558179
0.75472806	0.2866987	0.6318823	1.41514413	1.51861906	1.99698743	1.90194543
3.5099876	3.72142147	3.75104527	3.77863669	4.08933388	4.23813852	4.32848183
6.41594445	6.96625381	6.91776223	4.33328689	4.88083866	5.50128537	5.49603808
6.31341812	6.77957856	6.76315946	5.19159387	5.45690555	5.77237031	5.81070004
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5.8206894	6.26303739	6.31204702	3.96573306	4.27507589	4.93562424	4.95753711
3.41755506	3.74210228	3.745861	2.97365654	3.60024779	3.68030398	3.68640085
1.32233197	1.77662204	2.55768495	0.46311002	0.66180747	0.78222285	1.47884694

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5.04478309	4.8331214	4.93087082	3.04368983	2.99684214	3.21665354	3.27700399
4.08873105	4.4380362	4.35567812	3.81065428	3.81814241	3.96339418	3.98267445
2.83036308	2.86455592	2.86298568	1.77440605	2.17778644	2.60992737	2.49300852
2.95695062	2.94531006	2.98691744	2.67300179	3.08211223	2.90984821	3.12515562
3.63163332	3.29240973	3.45863247	3.30882049	3.46723967	3.60985937	3.84498832
2.42419989	2.7031895	3.01118393	0.20095328	0.41121583	0.88318626	0.75191393
0.51968285	0.43302584	0.48662761	1.82704928	1.71721325	2.06667835	2.27494441
2.42131492	2.41335578	2.39293952	1.68884339	1.75825849	1.6056143	1.78481656
4.47969357	3.76750131	3.7748931	4.47584729	4.85741567	4.42558579	4.47602565
2.68107283	2.82012054	3.01385978	0.93810435	1.10575281	1.45959004	1.57982267
0.10435138	0.02192012	0.02094472	1.00E-04	1.00E-04	0.05054799	1.00E-04
0.12270286	0.03871223	0.05896439	0.24482533	1.00E-04	1.00E-04	1.00E-04
3.37057306	3.33482177	3.47273953	3.89884261	4.56027819	4.25779156	4.22903703
1.00E-04	0.01297077	0.01052774	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60932855	0.19212069	0.28612821	0.28513003	1.43437717	1.19793483	0.8443572
1.84297954	1.48704466	1.61366246	1.95855511	2.23824271	2.22245044	2.50648245
0.19560011	0.12245695	0.15439232	1.00E-04	0.40443277	0.2442624	0.61130702
0.98329527	0.60676797	0.77195391	0.23572193	0.90548192	1.52491736	1.2628952
0.08274806	0.04977895	0.01857886	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02664117	0.02260266	0.01455628	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02368679	0.05205262	0.25862193	0.22970898	1.00E-04	1.00E-04
2.0899895	2.32176242	2.29316504	0.76719636	0.97470613	1.38606859	1.12989734
1.36613212	0.91264159	1.0837146	2.20752564	2.61900592	2.26966165	2.09859299
1.00E-04	0.01890456	1.00E-04	1.00E-04	1.00E-04	0.083289	1.00E-04
1.18593198	0.79050595	1.02485636	0.98272355	1.00323683	1.31793064	1.66359515
5.63678673	6.13941547	6.06813729	3.69465024	3.82384917	4.66542249	4.58466073
0.91440836	0.14970991	0.24502085	0.32680743	0.55834589	0.04608444	0.10968619
6.02260069	5.51883178	5.65135378	5.80358234	6.16520691	6.02376769	5.89088992
1.91259901	1.38518328	1.62546555	0.8061369	1.10016209	0.65730044	1.54325306
0.88958018	0.28281456	0.45618138	0.49822585	1.11490039	0.46747133	0.76405515
2.67692955	2.10963129	2.19709045	2.84089873	2.99986999	2.66399331	3.03604581
0.28969895	0.31511163	0.15362563	0.89008873	0.19872674	0.70651044	0.59181061
0.07646813	0.01905771	0.02756462	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66018237	1.96189787	2.1660292	0.27912708	0.19294368	0.72874845	0.65351568
1.46809773	1.07184168	1.48302885	0.87029434	1.62641566	1.94586044	2.09850528
0.77469553	0.57241352	0.42697436	0.26520829	0.40427134	0.68082775	0.88169971
0.57560881	0.48551675	0.76698969	0.57752552	0.77515721	1.04420063	1.54269999
1.00E-04	0.01177456	1.00E-04	1.00E-04	1.00E-04	0.10872253	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.99472738	1.1025984	1.46426261	1.81017736	1.60380581	1.95180983	2.2341837
4.0247636	3.67855566	3.74737989	4.39846433	4.65022557	4.69714274	4.67478929
1.00E-04	0.02180262	0.06011242	1.00E-04	0.02972907	1.00E-04	1.00E-04
0.17570669	0.07907386	0.14338048	0.16043205	0.1689335	0.12992283	0.15657388
1.66967381	1.69174682	1.80185599	1.09045742	1.74072183	1.92269162	2.12497105
1.65236303	1.34095209	1.78469845	2.56156514	2.95649462	2.54728039	2.81168656
2.88169615	3.20193988	3.23402549	2.35359189	2.77830486	3.07997316	3.12018769
0.10112755	0.04536376	0.07167142	1.00E-04	1.00E-04	0.35551815	0.21164907
4.08877291	3.69042482	3.81450716	4.27871241	4.66820158	4.58104013	4.71111567
3.71286299	3.4091213	3.54855731	3.88539291	4.06620724	3.98326466	4.02542442
5.44810944	4.7092758	4.77694212	5.72103776	6.09529224	5.96401311	5.93508373
1.64744392	1.92686991	1.78936637	1.00E-04	1.00E-04	0.51864017	0.36869959
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01311102	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.807823	2.71108797	2.86170012	1.982068	2.23980612	2.36299311	2.8171676
2.49315644	2.54198336	2.49357949	1.81014962	2.28126952	2.02804566	2.44656361
0.45658119	0.42633418	0.69884023	0.39297131	0.51040351	0.15026666	0.49717596
1.00E-04	0.13438606	0.55018563	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.09709017	5.64400716	5.75064148	6.33754889	6.59567786	6.46658866	6.53848027
3.66730778	3.514892	3.6607434	3.78394401	4.05148039	4.04595135	4.10628752
0.03074734	0.0214733	0.00653855	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91112151	0.75663223	0.95783592	3.24453983	3.12333287	2.59697254	3.17902446
0.17147767	0.05656839	0.11110444	1.00E-04	0.1877445	0.03593935	0.11868866
1.00E-04	0.00668702	0.03950093	1.00E-04	0.41176818	0.11236985	0.13442837
0.72775733	0.75180957	0.80363021	1.16407514	1.33705818	1.23785878	1.28408671
3.02264984	3.01466449	3.0655482	2.47548842	2.5875175	2.61940581	2.61639897
0.7053913	0.27906788	0.51628919	0.61623254	0.88682482	0.65896292	0.18679696
1.93685201	1.16712231	1.41864283	2.74771806	3.00224403	2.33442485	2.49463436
3.08053468	3.44969596	3.36965596	1.8467218	2.26229033	2.38991423	2.50368502
1.32357092	0.74208851	0.8982689	1.8897262	2.22483224	1.88703319	2.42569301
3.37973708	3.59994297	3.53665871	2.46456563	2.52331545	2.81303345	3.23300137
0.06290246	0.07210714	0.06651298	0.18208041	0.42948586	0.20097187	0.11945677
1.00E-04	0.01356635	1.00E-04	1.00E-04	1.00E-04	0.10180283	1.00E-04
3.99454714	3.83496867	3.98076497	4.00086791	4.21959023	4.0674689	4.19015791
0.28586023	0.12437762	0.19741713	0.46157322	0.50668251	0.26600053	0.35522747
1.44148919	0.97244809	1.08626339	0.46945539	1.06160659	1.2338407	1.08339871
0.82800168	0.40722174	0.58588156	1.21906922	1.2375646	1.31949933	1.13192645
0.50015261	0.4023399	0.39214858	0.23638122	0.13810562	0.34736143	0.16103998
0.0855156	0.04776782	0.02167085	0.12614504	0.1246131	0.02787537	1.00E-04
2.92903268	2.7804945	2.84547538	2.97811499	3.17273225	2.9093135	2.88158019
1.93435226	1.733516	1.77171282	0.75321479	1.19206028	0.85509744	1.07490097
1.1181565	0.48714925	0.50769291	1.00E-04	0.12414391	0.41426868	0.06459142
2.10488562	2.04955756	2.18839219	1.58623724	2.12108383	2.40501775	2.63991751

1.38666831	1.26482497	0.37932332	0.62590362	0.6818241	0.85257683	0.95377316
0.11533905	0.06459594	0.04196092	1.00E-04	0.32679116	0.31467496	0.14480552
1.67493021	0.86584814	1.46714037	1.36495061	0.93829948	1.0676913	1.26685074
3.92361408	3.52712026	3.72910253	4.3305965	4.68417303	4.5802041	4.7289304
5.11476962	4.52985815	4.68375448	5.23966195	5.50092604	5.48554993	5.55220452
0.55996091	0.49736566	0.68636995	0.30363254	0.20532652	0.25968585	0.07404607
0.14693801	0.00746743	0.00557023	1.00E-04	1.00E-04	0.05780042	1.00E-04
3.92061911	3.61410542	3.77304973	3.89533606	4.27497159	4.41093246	4.4209836
3.24559039	2.98308843	3.07935403	3.80959198	3.94670939	4.11799306	4.0181527
5.35470277	4.60888718	4.7597168	5.52728729	5.84893314	5.76058318	5.66546829
2.22458916	1.90927014	2.13529105	2.68664256	2.783534	2.80329811	2.70430608
2.37885659	2.19632341	2.37407513	2.08005502	3.00093542	2.76998456	3.0116397
0.26749669	0.1487231	0.20320394	0.58816918	0.65704733	0.5413868	1.1408069
4.82449103	4.36952205	4.40890782	4.93288442	5.19436156	5.07986506	4.98768192
4.33887198	3.88543298	3.8732047	4.29793901	4.54538662	4.45280848	4.55511163
4.30602157	3.7309669	3.90755113	4.72465052	5.059088	5.09610379	5.05362786
4.63696983	4.78658719	4.7246536	2.83627085	3.10201076	3.23882063	3.08585134
5.22251537	5.37352078	5.45296152	3.51268618	3.93060681	4.3192267	4.42905696
2.37191881	2.44324519	2.44078649	1.34298156	2.06939039	1.83030938	2.02584608
5.11006036	4.62633519	4.75471304	4.5160073	5.00727881	4.79300912	4.78254128
3.65259384	3.45183389	3.63151718	3.28799812	3.53826009	3.72669529	3.76642791
4.87762368	4.47318422	4.63581939	4.79626253	4.94054358	4.95317967	5.04736171
5.3003308	4.7767411	4.90841882	5.75392885	5.89629079	5.98280139	6.01876549
2.82723202	2.45978556	2.49107945	3.64258232	3.77379482	3.84966268	3.68275476
4.38771341	3.81342014	3.92289267	3.42225757	3.63908904	3.65294587	3.70744083
3.25659555	3.50620565	3.43453288	2.46515074	2.37622238	2.71088924	2.85636516
4.07832545	4.53622338	4.48060523	3.0793479	3.54862435	3.83930895	4.04065571
3.3279932	2.80143447	3.08107201	4.06631715	4.5175936	4.28113477	4.40038009
3.17981466	2.88675376	3.07673677	3.20974197	3.83678036	3.9553319	3.77195035
3.00085148	2.37746643	2.59138405	3.9145537	4.2034024	4.06940043	4.03094564
3.36050802	3.33302997	3.28503707	2.51752913	2.9488544	2.97900164	3.10454769
2.31144487	2.20818157	2.26261026	2.32280575	2.62003736	2.55754231	2.53787181
3.47587187	2.888218	3.10483432	3.89631659	4.19953313	3.98053063	4.01277526
4.62679372	4.81076086	4.74821608	3.56352446	3.85780777	4.10717089	4.25214272
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2.97275362	2.81111997	2.98027916	3.27871656	3.37452451	3.51521691	3.52700108
4.11424842	3.5902349	3.72356967	3.68089081	3.91481815	3.90333195	3.93542809
1.76425969	1.82818162	1.90071763	1.89242048	2.14333343	2.18641156	2.27008248
4.73393636	4.31878556	4.35721628	4.7051566	5.05264852	5.03132783	5.03935766
6.14011066	5.57095968	5.62308844	4.64135959	4.96472322	4.79148069	4.8818024
1.78218548	1.75182589	1.84256753	1.77636741	2.07679078	2.00353729	1.8700639
0.13607708	0.05492703	0.18226843	0.25038524	0.79270186	0.34230557	1.13132657
3.54337984	3.87840403	3.84870941	2.47861579	2.95646635	3.09148688	3.27228319

0.99701993	1.011924	1.02565742	0.12699839	0.31618328	0.69195534	0.88537599
3.40928306	3.04355923	3.33986489	3.91551191	4.30315929	4.25366317	4.15632366
4.55798185	4.59758669	4.60251119	3.95461965	4.2536389	4.40152885	4.50894562
4.11180214	3.68532464	3.88255502	5.59748857	5.69508074	5.78928256	5.74768886
2.58408817	2.58459504	2.56995884	1.48322692	2.23215721	2.32321079	2.3818383
1.83430571	1.6822297	1.90943207	2.24866846	2.60824421	2.33219542	2.27463203
0.84913356	0.79042065	1.04334351	1.00E-04	0.38963648	0.14063567	0.61280215
5.51057079	5.57806683	5.44961992	2.66747156	3.53327786	4.15735028	4.03763748
6.27504697	5.72205514	5.6626294	5.9812159	6.19040283	5.94928839	5.92273005
0.85646914	0.5320793	0.65812934	0.81051123	1.11121902	0.99945723	1.28096145
3.79226336	3.47417719	3.64149096	3.82797591	4.11316627	4.25535597	4.2586485
5.06601298	4.68159041	4.79160396	4.59063116	4.84749533	4.73587106	4.55758997
0.25994578	0.24991252	0.34918398	1.00E-04	0.30282494	0.24175475	0.59320617
4.89489918	4.43360967	4.40084093	5.25316701	5.55739628	5.52897369	5.40275425
3.91083503	3.31964584	3.45264166	4.44780273	4.67133374	4.49579207	4.39939636
0.83055351	0.5515274	0.53204852	0.7457446	1.11792638	1.33930197	1.36102297
3.30146745	2.85669738	2.93286365	3.02074004	3.50685659	3.3237356	3.30664976
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0.55082434	0.13435433	0.27907753	0.45034931	0.22201132	0.54767945	0.62863586
0.12535403	0.0268208	0.06673952	1.00E-04	0.47608438	0.146677	0.08299288
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1.00E-04	0.03218182	0.02713712	1.00E-04	0.15015778	0.18497959	1.00E-04
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1.00E-04	0.02723742	0.06599941	1.00E-04	0.21089579	1.00E-04	1.00E-04
2.76283909	2.82105498	2.58815842	0.77342059	1.70756946	1.88547267	2.08054887
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.61107323	5.73106036	5.66737146	4.24003196	4.68946464	4.86907954	4.7254874
0.05360486	0.05847686	0.08717939	1.00E-04	0.11042549	0.11408358	0.29253985
3.33690079	3.56721674	3.51864263	1.33022621	2.07249885	2.37300709	2.58535268
0.88644439	0.63440632	0.65677868	1.49466575	1.51635891	1.10364607	1.4604612
4.92460804	4.6958993	4.72284319	4.76839032	5.0088226	4.83292589	4.89050532
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5.4776491	4.91998605	5.19780956	5.61859172	5.47078303	5.43812473	5.75194366
0.37102164	0.14411238	0.17706485	1.00E-04	0.31301377	0.43372835	0.21997627
1.00E-04	1.00E-04	0.0342768	1.00E-04	1.00E-04	0.0415994	1.00E-04
3.53584329	3.25367721	3.69016846	5.98690752	6.08007843	6.10765508	6.09790821
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0.45274964	0.79212768	0.8220716	0.1589679	0.96032538	0.98592533	1.25656983
0.17216287	0.05668589	0.18248205	0.32148661	0.44566454	0.38922304	0.74664852
0.19428777	0.01364875	0.04717077	1.00E-04	1.00E-04	0.03267076	0.11096236
4.63565984	5.18276843	5.10733384	3.42458034	3.82997727	4.23573368	4.38346255
4.92938055	5.28762997	5.19072547	3.3076444	3.73783684	4.12779759	4.11960896

4.30968474	4.65810598	4.58084344	2.31546675	2.85821346	3.41087476	3.40495464
5.10988278	5.73446375	5.69924496	2.83500715	3.53228896	4.35191742	4.39125308
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4.59264997	5.0662464	5.01510168	2.05640895	2.85608418	3.8949778	3.82797897
4.02438613	4.71871233	4.61288709	1.63152735	2.18600067	3.20133126	3.08781679
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4.50688011	5.14281399	5.11823677	2.02065038	2.43440523	3.57535675	3.33990763
4.15539267	4.7562457	4.56745287	1.76427537	2.45136634	3.45013303	3.27314809
4.61078311	5.24630733	5.08574158	2.5236196	3.16399583	3.949499	4.01790521
4.42648055	5.05716959	4.87752394	2.03639956	2.52736412	3.64025494	3.5840263
5.06431011	5.93530106	5.75243467	3.20214953	3.74246129	4.78517736	4.51489321
5.00172268	5.76097854	5.57049913	2.75791691	3.43656843	4.39780046	4.40127925
4.55287594	4.96551772	4.91340241	3.08625355	3.38143566	3.98887488	3.90065452
4.58123775	4.95069529	4.84038325	2.26995257	2.72839074	3.44002867	3.48867071
5.07784957	5.68223029	5.60671992	2.53323679	3.25998833	4.10455733	4.23129949
4.88073588	5.51726191	5.48511625	2.62818532	3.21576251	4.18859941	4.21156295
4.85091164	5.06412982	4.98671787	2.44223661	2.85075832	3.52679165	3.55684166
1.46205262	1.22030464	1.55951135	0.86526116	1.15732141	1.07855516	1.37520384
4.75519524	4.97618978	4.93266028	2.79293657	2.97083922	3.41564971	3.5064893
5.60194892	5.3256619	5.48856804	2.72945785	3.02936615	3.27539269	3.23772406
2.46965876	2.2246063	2.31808849	3.1775442	3.31878005	3.25647024	3.36825138
0.29669135	0.14331656	0.15864668	0.2549574	0.27573605	0.50226595	0.25069577
5.24812376	5.55980414	5.58144521	2.43358962	3.06888168	3.92582297	3.71920323
6.24729606	6.70802391	6.45953212	3.49646354	4.26836436	4.9858449	4.87263121
4.63083514	4.60433778	4.64768287	3.35886982	3.72736188	3.81989557	3.77228028
0.88323399	0.31708768	0.46349023	1.00E-04	0.21602803	0.06400576	1.00E-04
5.35180408	5.70076585	5.70778802	3.58107884	3.64350571	4.53792351	4.52667164
5.07286587	4.61301493	4.63589888	3.49514451	3.84296368	3.8945914	3.79482112
0.23606498	0.11497804	0.13902271	1.00E-04	0.32666738	0.24854237	0.27185147
4.55873229	4.63770543	4.64124561	2.98880195	3.17001931	3.47590409	3.4351415
4.0953904	4.05203464	4.06167516	3.01355065	3.09501223	3.30869774	3.32306139
0.24519522	0.33450793	0.40633868	0.15889884	0.31977581	0.43066976	0.33898518
3.66084597	4.03115355	4.0185563	1.99269773	2.43732878	2.87266725	2.823056
4.18792027	4.23489158	4.19489006	3.57227916	4.03327846	4.04753088	4.13746633
1.00E-04	1.00E-04	0.00397627	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.40789749	6.03320122	5.90098558	2.6567097	3.23819756	4.25581086	3.88795835
0.06419223	0.11841389	0.10011901	0.32968124	0.28617669	0.22745523	1.00E-04
4.38656479	4.64775301	4.5965298	3.01658916	3.30239519	3.59613984	3.59406383
1.00E-04	0.06320608	1.00E-04	0.08231455	1.00E-04	0.26277489	0.24683263
0.17678207	0.42397323	0.59609532	1.00E-04	0.13656514	0.62763695	0.66219548
4.34021667	3.96204874	4.05148373	4.23472113	4.4882068	4.50708001	4.38756969
4.36976864	4.20818546	4.28626927	3.81318658	4.06778387	4.02574225	4.11489928
1.0603657	0.8391823	1.16050112	1.87900623	2.16476674	2.18145515	2.5040356

3.84100383	3.19471641	3.28470702	5.16185307	5.19821254	5.46763753	5.38340072
0.80339075	0.52302337	0.53372873	1.38252622	1.03344456	0.71252653	0.5303854
1.80790239	1.24982777	1.70922468	1.83554768	2.25714374	1.90695	2.15761464
1.55090235	0.88227126	1.07893406	3.71559194	3.61267077	3.57422148	4.01422279
1.20215792	0.55620047	0.64589131	1.26704971	2.07283133	1.29435579	1.24546335
5.1164946	5.05770073	4.8931798	4.26504444	4.18845243	4.96163396	3.85754537
0.86481425	0.27663681	0.53406829	0.54170915	1.26893328	0.83128024	0.98838735
5.46862364	4.95701667	5.03371326	5.11671044	5.4012155	5.27225996	5.2525564
2.7597505	2.4064336	2.53815411	2.91453949	3.49709403	3.23377876	3.2040509
3.09700486	3.11771852	3.20275835	2.740152	3.01767165	2.92383267	2.89392046
1.24717522	1.14024375	1.25799941	1.39991103	1.80133631	1.6567031	1.8189168
4.09265555	3.49464281	3.58733689	4.90816278	5.1566775	5.13718198	5.19096815
3.84806166	4.17240255	4.14516646	1.42729069	2.16657847	2.68345232	2.42901883
1.74490453	1.57290954	1.75182749	2.46223249	2.36081645	2.30181994	2.40309257
5.07405827	4.67194563	4.67234646	4.96801171	5.23580948	5.08774292	5.02738332
0.63499807	0.38974571	0.28759943	1.15574723	1.66951126	1.15573641	1.60660456
5.17576473	4.80336522	4.84753411	5.81282827	5.93529911	5.90195219	5.88387657
6.41665659	5.77221045	5.82671015	6.8164501	6.90434629	7.02581575	7.10553936
4.85631184	4.68169219	4.66100255	5.29674173	5.49123613	5.44686159	5.38545451
2.50081359	2.36582452	2.51764397	2.3186816	2.49544802	2.80533071	2.87599728
5.17289475	4.55614674	4.72056205	5.44815488	5.71089435	5.71552218	5.66059199
3.78969178	3.47276388	3.78756476	3.651805	4.06375027	4.03111829	4.16252536
4.50249077	4.53119605	4.68144516	4.06369661	4.50096432	4.49673042	4.60288081
4.8521873	4.01980108	4.26875997	5.46420069	5.65699439	5.49823837	5.42937917
4.65919372	4.16992304	4.3138907	4.63594655	4.80560889	4.67367572	5.07017894
0.74073567	0.65275422	0.71509439	0.7768434	1.54394094	0.75354283	0.59882467
2.57906127	2.38625074	2.44102428	2.26920672	2.53312003	2.51969901	2.60340723
3.73002609	4.06967666	3.97501707	2.70281157	2.94853797	3.33632162	3.41455889
3.81516023	3.21142147	3.45414344	4.730016	4.92304548	4.91945759	4.94514198
1.73008449	1.29315109	1.45938038	2.21431064	2.82798053	2.29364424	2.49258983
3.67506749	4.01360093	3.92260874	2.4988199	2.77287654	3.25300001	3.17491651
0.70761383	0.81013357	0.90249601	0.64630731	0.82849232	0.96665757	1.24372748
4.00000556	4.3852189	4.28056122	1.95438299	2.45735276	3.13538285	2.96650552
1.58788179	1.90676943	2.05012498	1.43721339	1.68376862	2.46294534	2.43814283
1.36429764	1.06310024	1.0410222	0.56182784	0.21794898	0.63042503	0.8283459
4.01521851	3.02266485	3.30334631	4.8319475	4.63958849	4.57681389	4.5320032
3.9305973	3.57679292	3.55138544	4.70344615	4.90804093	4.85317742	4.71947562
2.19838733	2.15913571	2.32753719	1.65141215	2.61596982	2.74068441	2.92412001
4.22981758	3.56172434	3.82379511	4.50784038	4.87073775	4.80379272	4.87620504
0.76844057	0.28579841	0.2650688	0.8390977	1.45802481	0.83620331	0.73624426
3.59899854	3.6308222	3.71321228	1.64591549	1.79179724	1.99184927	1.86412547
1.00E-04	1.00E-04	0.01130001	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02430716	0.06144214	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.00733154	1.00E-04	1.00E-04	1.00E-04	0.10904221
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3.41435771	2.28136269	2.26436322	1.26348975	1.75538923	1.25810291	1.45313838
3.65975653	3.17926347	3.28122873	4.350307	4.44788165	4.32325236	4.40585536
0.12881927	0.04888685	0.13644181	2.15287531	1.96246614	1.52377465	2.08708814
4.3808628	4.21276197	4.46826861	1.6673607	1.88838115	2.31466972	2.36736778
0.58546614	0.0693435	0.07033977	1.00E-04	1.00E-04	1.00E-04	0.24548807
3.40623539	3.17224339	3.23732781	2.56963961	3.05684869	3.05162963	3.2328543
4.21178778	4.15453171	4.10987415	3.98795708	4.38203707	4.35270476	4.29007099
1.32272517	0.97201229	0.71218567	1.1288486	1.1350294	0.81236506	0.97889193
1.14754946	0.95103237	1.04290373	0.95254783	0.85336352	0.58390406	0.62340834
9.33985532	9.1237107	9.1692393	6.20693663	7.1160595	7.78627911	7.91689376
2.31877768	2.34997581	2.67739385	1.57294309	1.98290874	2.01558232	2.0915427
3.41607342	3.13457623	3.42382027	3.59272686	4.36243001	4.23421007	4.22545447
0.34416503	0.23454735	0.48339439	0.79731251	0.81626746	1.40748687	1.8153068
0.45577759	0.15640083	0.21612807	0.19065812	0.63868336	0.70227785	0.74687577
2.06518329	2.25030905	2.35794547	1.41171048	1.70529607	1.67504388	2.20683282
0.01792537	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25888567	2.57446505	2.53955649	0.34936927	0.70964261	1.11572623	1.37776606
1.30417921	0.91479731	1.0379605	1.46067829	2.3756574	2.82779705	2.53514664
2.99232452	3.29322231	3.26781128	2.16021127	3.01693166	2.97258736	3.22038033
3.46265322	3.16781472	3.47228799	3.90244762	4.04996594	4.07631968	4.08438669
3.2588392	3.10221717	3.14573711	3.70935708	3.76298615	3.84774348	3.69705612
1.00E-04	0.0040989	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2242447	0.18375038	0.25120172	0.17861099	0.35595716	0.39306698	0.11085778
4.14053405	4.63096576	4.22877022	2.18953417	2.43109699	2.72361979	2.59057405
0.40399235	0.20416855	0.11622481	0.30690012	0.01838291	0.27037235	0.04819519
2.06349823	1.69194788	1.84652855	0.74426621	1.21905394	0.91283812	1.23453927
1.76722141	2.26589136	2.20310748	0.24705651	0.22309094	0.89235063	0.56959588
0.18565792	0.20856408	0.24038628	0.14755547	0.52148329	0.54685753	1.05924176
3.24514312	2.81664685	2.9397816	3.25063834	3.39689173	3.14816066	3.18789162
0.04868505	0.00427758	0.04601757	1.00E-04	0.12675042	1.00E-04	1.00E-04
0.08118047	0.04709775	0.04224156	1.00E-04	0.30158563	0.24150218	0.42272908
0.59497029	0.53972684	0.62195604	0.97413043	1.18730597	0.92640057	1.32452617
5.17434029	5.44827725	4.60564766	4.09765247	4.41126486	4.57684082	4.47323218
1.3969352	0.98263201	1.15705887	0.85181659	1.16559563	1.12913302	0.9670602
2.39129304	2.61981155	2.58559125	1.30079189	2.02612357	2.11379717	2.35010936
1.42019571	1.72744322	1.67485127	1.02815734	1.47525702	1.3314825	1.24684756
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1.00E-04	0.01808402	0.03951821	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.19487093	1.32342707	1.42413405	0.27859329	0.23434987	0.79110527	0.65530937
1.26085099	1.21407771	1.17110295	1.55225956	1.41822224	1.7724691	1.33893112

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2.63478478	2.71145665	2.81436888	0.53494946	0.53188513	1.21634022	0.60769225
0.6990612	0.46581568	0.58523288	0.668942	1.48358048	1.21265677	1.56059886
3.46166941	3.53411803	3.54888684	2.75994371	3.14473499	3.55418974	3.60350303
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2.42092345	2.13606012	2.49744075	1.06491883	1.41314441	1.27439171	1.74919747
4.4964033	4.27477932	4.4095641	3.43029345	3.76954671	3.63041604	3.77261356
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1.83311555	2.27307502	2.21876963	1.06320669	1.76245449	1.67228424	1.77570396
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2.56883611	2.71421786	2.5328128	2.12789263	2.65222192	2.69993932	2.30180867
3.24710556	3.16370221	2.98688904	1.41028645	1.74499365	1.75692703	1.34977143
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2.74050849	3.07009419	3.08951671	2.50672184	2.47927176	2.84359163	2.94135943
3.40290141	3.49800902	3.50233276	2.87498339	3.1839327	2.9788532	3.16650852
0.99324434	0.50537638	0.8136495	0.15793836	0.23230313	0.10497125	1.00E-04
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1.91515134	1.5277478	1.67486787	0.90653501	2.02684904	1.47490385	1.67420856
0.95461334	0.82790875	0.92914909	0.83634248	0.5327269	0.67764715	0.90625907
0.12011892	0.06386753	0.1829614	1.85987756	1.99302541	1.31417436	1.29792984
2.59590791	2.30710172	2.57484785	1.2819328	2.03342173	2.25513522	2.16245235
0.47418585	0.35000482	0.55320241	0.75379855	0.43823077	0.37890742	0.8010893
4.97888684	5.39033887	5.24750565	2.27821302	2.87594769	3.78818511	3.7546175
1.00E-04	0.03932068	0.02584966	1.00E-04	0.08389734	0.26430363	1.00E-04
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3.9036688	3.50266382	3.46081138	4.91364727	4.95064976	4.77291513	4.7003115
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1.00E-04	0.01687991	0.01340108	1.00E-04	1.00E-04	0.03170244	1.00E-04
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4.33896783	4.94883364	4.77071036	2.34234394	3.1145872	3.30108692	3.1677748
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1.87333752	1.12023006	1.3748142	0.827834	1.17948038	0.92792398	1.55846925
4.28905345	4.57613743	4.48760463	2.17219553	2.75528422	2.37528178	2.40387357
4.21168682	4.65573244	4.61151561	2.50879266	3.25806537	3.76646902	3.82592133
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0.06815911	0.16324262	0.15985819	1.00E-04	1.00E-04	0.50394439	0.22000385
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0.73149921	0.36614363	0.53239233	0.67053767	0.74135852	0.58486684	0.52219359
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4.87436067	4.37933727	4.44703776	5.58750799	5.91021286	5.90949125	5.78580624
0.27015872	0.24590918	0.23596847	1.00E-04	0.50570716	0.28154605	0.57954875
1.00E-04	0.0116631	1.00E-04	1.00E-04	1.00E-04	0.11648159	1.00E-04
3.63899062	3.67882783	4.01814227	2.93299234	3.49390828	3.51365141	3.66832105
4.09528862	4.35664715	4.29937518	2.52912877	2.82067198	3.27811942	3.42000264
0.62246629	0.25439722	0.2897593	1.05554744	1.22939679	1.03033677	1.16636602
4.94225968	4.36464544	4.48539326	1.8648622	2.32702914	1.9118499	2.16925303
0.28280692	0.25424022	0.19635823	0.70475241	1.18529283	0.66979058	1.12345798
3.57113785	3.70027599	3.69098109	3.092444	3.04536778	3.56219981	3.39814752
5.38155214	4.74077528	4.81695027	5.81650762	6.15751554	6.13119566	6.0886766
0.77363132	0.59466196	0.86482532	3.56897404	3.84846075	3.73959579	3.7280113
2.38927739	1.81867917	1.43782395	4.33428737	4.80348804	4.52086749	4.53122801
2.10886882	2.08206448	2.06287408	2.13304783	2.71539912	2.45305062	2.46268605
3.54733613	3.70086669	3.7001972	2.566839	3.04846009	3.34172979	3.34234576
1.79346005	1.88226682	2.03590832	1.64993624	1.96604428	2.13433522	2.4457757
1.00E-04	0.00722029	0.01996819	1.00E-04	0.23869626	0.19213834	0.34123137
2.40177643	2.60115261	2.64221186	2.20087356	2.29678495	2.56394647	2.34366598
2.51987186	2.10073303	2.15607207	3.14196327	3.63568694	3.30452369	3.3347727
2.74658848	3.3956584	3.28519491	1.03798986	1.59912575	1.94463715	2.12630996
3.10168771	3.18245766	3.14370769	2.38742079	2.85613767	2.78114072	2.97668726
2.59787741	2.54056245	2.84072185	0.61919995	0.98496382	0.66019545	1.2701732
1.63328599	1.49846905	1.86149512	6.51116653	6.69369356	6.67581207	6.68960343
5.04868017	4.35872939	4.63698146	7.41342948	7.84110344	7.29067884	7.61810118
5.37951386	5.88753633	4.94094104	2.50034184	2.96694647	4.17428248	3.17101821
4.47315282	4.13193424	4.27389456	4.57145395	4.93198652	4.71867573	4.85711843
0.03096201	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17085583	0.08293439
4.03417569	3.42011095	3.67239305	4.06630936	4.01008298	4.12642401	4.12166431
2.47880104	2.53785218	2.4875417	1.57727002	1.90334794	2.15868434	1.93821357
4.3589426	4.02701027	4.11681876	3.86809411	4.19216406	4.31166205	4.34742029
2.27069935	1.56847536	1.02830453	0.23131394	0.82933116	0.801761	0.65778954
0.09641545	0.17388092	0.39471097	1.00E-04	1.00E-04	0.10737877	1.00E-04
2.7502114	2.89190696	2.52039071	1.82841587	2.17662489	1.94872552	2.16161015

4.36656282	4.760587	4.29675868	4.07344441	4.02766824	3.94831011	3.98945903
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.08621994	1.70324406	1.74032196	0.87992436	1.53216251	1.15906713	1.03851464
3.88368087	3.6960388	3.74472474	3.62931245	4.02255686	3.88100946	3.76064671
3.9519834	4.24170468	4.20573086	3.07259215	3.47124153	3.49254304	3.65905952
1.15627336	1.2205914	1.51464049	1.33008656	2.03627032	2.20101952	1.84850942
1.69195309	1.60190816	1.95510141	3.12482561	3.34138346	3.43444446	3.61926182
4.70920236	4.66818753	4.69328142	4.83634167	5.11385212	5.00990453	5.11636652
3.02855825	2.45356109	2.60807524	3.25888117	3.45607135	3.53695058	3.68370018
0.03179443	0.18246643	0.25226938	0.29172583	0.4743055	0.2270995	0.0716276
0.81565801	0.79671432	1.21310609	0.17869829	1.07442101	0.84056303	0.74865355
3.05625965	3.04361705	3.28530703	3.56895952	3.81419528	3.74759585	3.74470547
2.12954996	1.80511723	2.06716382	2.9694828	3.17522317	2.84286534	3.03812317
0.45341992	0.214782	0.16156555	2.27683266	2.53677145	2.02030959	2.22559439
2.15559693	2.450142	2.3949599	0.91953496	0.97235065	1.4822825	1.93251234
2.86623699	2.86576264	2.79804347	2.58537417	3.01078116	2.85053485	3.10145762
2.83556619	3.01479411	2.96042265	2.53859215	2.92477648	3.0901973	3.06643467
0.33697338	0.14314532	0.18620466	1.00E-04	1.00E-04	1.00E-04	0.15734263
1.08067724	1.22205241	1.3250813	0.33864809	0.17784616	0.11957665	1.00E-04
0.03042284	0.06433217	0.04980555	0.15605189	1.00E-04	1.00E-04	0.27847991
4.83845046	4.32684857	4.43789108	5.40854571	5.58564988	5.40581713	5.47057538
1.31902069	0.81162675	0.96612267	0.54796158	0.77443739	0.66484586	0.59022576
3.19162611	3.29440623	3.37635703	2.81267119	3.04042476	3.38139174	3.37304682
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30573181	0.13861657	0.20876959	0.34351048	0.82316978	0.62124177	0.40145679
0.06135756	0.0048413	0.01772103	1.00E-04	1.00E-04	0.05785651	1.00E-04
1.24850086	0.81988101	0.94615999	0.78682024	1.59598543	1.33003412	1.56682565
0.26580982	0.09330162	0.09449042	1.00E-04	0.66972693	0.90211885	0.9606031
1.73546951	1.01622257	1.11191314	1.81628221	2.56045707	1.62812298	2.20030115
0.94602931	0.57430739	0.71613107	0.26267523	0.50228132	0.53409883	0.34356083
2.00790929	2.35518046	2.2387062	0.62194872	0.87907863	0.72753273	0.7879184
2.82677816	2.72391271	2.43951219	1.32674648	1.36428559	1.58946868	1.574372
1.00E-04	0.096273	0.1055385	1.00E-04	0.23057667	0.55448182	0.45908393
1.00E-04	0.01565192	0.01801026	1.00E-04	1.00E-04	0.06287508	0.08661753
0.08493713	0.03918155	0.05589815	1.00E-04	0.26683441	0.27371603	1.00E-04
1.49049194	1.85132694	1.64987743	1.00957208	1.18518357	1.42278913	1.6340295
0.57197657	0.64425502	0.73902587	0.38097601	0.60526646	0.47219377	0.40240981
0.28145224	0.32107373	0.52997422	0.83846337	0.64496042	1.28220705	1.63969709
1.14336904	1.45633674	1.74001809	0.5510135	0.51236021	1.46090748	1.08838705
5.7332568	6.32402511	6.18616073	2.96772926	3.24690702	4.37882173	3.91319624
2.09609827	2.57770112	2.66308778	1.40021002	1.2143756	1.85255813	2.01415423
1.00E-04	0.00526157	1.00E-04	1.00E-04	0.10155905	1.00E-04	1.00E-04
3.31524228	3.01070886	3.30191444	3.2813819	3.31960194	3.41638168	3.70010098

0.07817505	0.02875908	0.11147291	0.40693248	0.14606211	0.28154587	0.44428523
0.24423148	0.59364921	0.57234033	0.10688636	1.00E-04	0.08684817	0.34130119
0.57098952	1.13811017	1.18645412	0.43722513	0.44585205	0.95965946	0.95760696
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02314621	0.01178377	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70196988	0.60366349	0.68308386	0.6092953	0.96331246	0.80456725	0.57012312
1.00E-04	0.00800865	0.0102205	0.21283837	0.09690048	0.57731863	0.47053414
5.14204601	5.09452122	5.13898773	4.58132809	4.91692951	5.07675097	4.84477054
5.06004392	5.92973854	5.71082697	2.6673402	2.91760452	3.85213275	3.54216501
0.12187709	0.06676061	0.06222917	1.00E-04	0.11994079	0.18579129	0.05161875
0.39492406	0.27354619	0.24283856	0.47206911	0.69024861	0.66700158	1.25996063
0.12762888	0.07351543	0.12582638	1.00E-04	0.34534467	0.14545697	0.41094045
0.36551725	0.13329328	0.24404843	0.39044378	0.75216359	0.52952108	1.01497523
1.80674306	1.06934622	1.53089599	4.39246554	4.76670653	4.44624427	4.75203613
3.4251485	3.34659892	3.50528239	2.97014959	3.08089565	3.31356083	3.23734649
1.00931178	0.97303973	1.1803241	5.86225273	5.74837154	5.89783651	5.92865109
0.5392608	0.24272339	0.3422527	1.98339033	1.7891726	1.2257712	1.75696675
3.51494557	2.88566331	3.08404641	4.29903148	4.30105099	4.28202117	4.2996405
3.58118174	3.33837801	3.51359464	4.57886018	4.7909114	4.76103617	4.90918716
4.30396712	4.33144307	4.3455495	3.68310683	3.82550692	3.88466344	3.96887667
1.67550093	1.84171814	2.06462717	1.95729977	2.59215658	2.44081968	2.24877111
2.08390198	2.24653658	2.60163624	2.69670844	2.27579377	2.57027401	2.89708932
4.9417026	5.14550651	5.03193336	5.10532061	5.45343152	5.46020092	5.55085123
3.22772215	2.90076172	2.98436764	3.19750378	3.64649872	3.32907897	3.34367625
3.95918568	3.65649072	3.63186548	3.51544778	3.75863691	3.75037959	3.78791518
3.80109292	3.00550572	3.65432829	3.0981421	3.39653055	3.2965727	3.84893219
0.24890313	0.10751112	0.23556866	1.00E-04	0.28482585	0.42525503	0.17353489
5.79082804	5.11645334	5.26625456	6.2161011	6.53609953	6.45882536	6.3736556
0.07692473	0.17452645	0.30675812	1.00E-04	0.11645446	0.09648672	1.00E-04
1.28316557	1.15925732	1.10024163	0.39144825	0.62944279	0.38551304	0.23093175
2.3118649	2.2246837	2.31176292	2.3517798	2.64615994	2.42296969	2.54941115
3.4368071	3.50783745	3.51257691	2.34672413	2.63267256	3.05437699	3.06737223
1.00E-04	0.004336	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08996809	0.34721881	0.32591325	2.8243659	1.85620927	2.06640568	2.35834358
2.64946103	2.64309672	2.64052291	2.57462231	3.04846785	2.83579186	2.94859854
3.49268961	3.45323261	3.52327183	3.65996939	3.81228723	3.80143919	3.78329004
3.73284514	3.46524564	3.65454771	1.38775657	1.91140944	1.54541335	1.61809226
5.28052009	5.88157945	5.74678253	2.48080117	3.15938792	4.18683261	4.08841386
4.09623788	4.26392861	4.42478617	3.11464238	3.38399743	3.78514248	4.03309938
0.33710891	0.5358992	0.50748891	0.1972111	0.23757947	1.00E-04	0.32819306
2.58420098	2.80968243	2.85140385	0.85675072	1.38241955	1.52431491	1.73265403
3.17752912	3.2818735	3.33441081	2.59798937	2.98739614	3.13297046	3.37949658
3.71235408	3.74500255	3.88823039	2.56913458	2.959183	3.41927211	3.52881759

4.54163922	4.51547159	4.58627629	2.98314887	3.25941626	3.40044492	3.39085784
4.2208972	4.3051815	4.4205645	2.88013313	2.44406168	3.0776969	2.96283549
2.79826779	2.6084904	2.70362052	1.76597856	2.32095933	2.55763563	2.61247007
0.37672253	0.2572228	0.2870408	0.7942698	0.41874504	0.62773956	0.92213406
2.59514213	2.54245884	3.06130088	0.30385446	1.11629564	1.19803849	1.50319777
2.66498609	2.75707071	2.68989198	2.16906616	2.36213525	2.23170385	2.39209448
0.39053675	0.43600525	0.91254003	0.55983267	0.19946638	0.57093131	0.48415046
0.05247171	0.04192621	0.00414682	1.00E-04	0.27744477	0.15933412	1.00E-04
1.00E-04	0.04431488	0.10470573	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.4928095	4.79463717	5.00775257	4.81639508	5.04466789	5.18547881	5.04452686
0.14266436	0.09137822	0.0806073	0.25752573	0.35925093	0.25628442	0.50941779
0.24270474	0.25847151	0.21133119	0.149454	0.32781267	0.21997412	0.28374174
1.00E-04	0.02837765	0.18160783	1.00E-04	0.48762995	0.210835	1.00E-04
1.29832442	0.34023311	0.46252514	1.00E-04	1.00E-04	0.14540352	0.22595512
0.23700085	0.08969124	0.09916039	0.78664929	0.31444759	0.31277593	0.1651583
0.10170519	0.07062722	0.1387374	0.13545783	0.45430028	0.4674806	0.19857255
0.07804919	0.08087034	0.08831222	1.00E-04	0.60653332	0.13733164	0.14321757
4.08856636	3.36624766	3.57990629	5.19935859	5.5006652	5.54243436	5.40290191
1.50047845	0.74286581	1.12271799	3.34265256	3.31577219	3.21665102	3.84915009
5.83882075	5.15332395	5.29950009	4.68803607	4.79583055	4.34242433	4.66875221
1.45355559	1.48798619	1.65385544	1.66982162	2.14950088	1.87202153	1.9324727
6.46442392	6.40581072	7.01207733	7.14154454	5.98219821	6.40674611	6.72064736
0.08614192	0.20202489	0.21508613	1.00E-04	1.00E-04	1.00E-04	0.260081
1.00E-04	1.00E-04	0.00785371	1.00E-04	1.00E-04	1.00E-04	0.13463363
5.10943345	4.83892554	4.87022369	2.35571214	2.54065626	2.55671212	2.59829016
2.5852024	2.47538012	2.56166251	2.3789743	2.71680365	2.72704316	2.52809386
3.72047389	3.80939296	3.80776321	3.19320848	3.43660593	3.43296211	3.48076811
1.61024409	1.56768787	1.64345411	1.14299076	1.29484493	1.87330438	1.80872928
4.18549902	4.1963505	4.20011287	3.73050239	3.72127801	3.96390184	3.99570813
1.7727493	1.2062875	1.67495186	2.31277711	2.66176248	2.62884717	2.95268322
0.32238164	0.3490647	0.4394006	1.15719364	0.74141705	0.95324209	0.86713291
2.57987203	2.7289024	2.81300533	1.87090958	2.27636995	2.08022451	2.33712106
4.69686361	4.56578303	4.61384714	4.65378464	4.78997803	4.84421831	4.85398853
0.10197692	0.08459362	0.08869325	0.21840782	1.00E-04	0.1946943	1.00E-04
2.15921478	2.5951823	2.55499172	0.29920176	0.51205537	1.44567476	1.43390875
3.13496278	3.8853706	3.63968584	1.32137187	1.68640499	2.51300299	2.76281352
3.41870665	3.94169443	3.82536329	1.7157046	2.20660033	2.58335979	2.67074171
0.08527269	0.06158657	0.04954305	0.17327817	1.00E-04	0.05299664	0.15724966
2.41079705	2.56457608	2.61937174	2.02668861	2.38787087	2.32731787	2.52379875
1.94966139	1.4971774	1.68471669	2.09597298	2.5534797	2.66731529	2.67306551
3.80717312	3.37242376	3.49101803	3.75029264	3.97148294	3.87625863	3.83670523
2.67484231	3.02011461	3.12511676	1.46035722	1.42168637	2.08883042	2.10614764
3.06302179	3.34251049	3.32965171	1.01922961	1.42505017	2.17087968	1.61058636

2.98057954	3.09560035	3.209412	2.49399929	2.55983454	2.81548174	2.82100965
1.44068016	1.55290566	1.72800526	1.36150695	1.81444606	1.65514761	1.79007998
3.64725202	3.61532427	3.77082749	2.62645738	3.10807332	3.30726672	3.31977378
0.12697126	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22073214	0.27289912	1.09024114	1.00E-04	0.80444451	0.29121558	1.34265065
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35060267	0.80709319	1.12856594	1.01167315	1.54752456	1.81268258	1.98318104
2.61319514	2.64967141	2.6760171	2.55703131	2.69681295	2.81660629	3.14575757
5.50107542	5.221787	5.28013869	6.03306297	6.18545108	6.10320245	6.06444374
5.09444879	4.36341234	4.46836237	5.30927912	5.76629142	5.59012055	5.54458005
3.18283248	2.7887798	3.07055621	3.30797136	3.59911145	3.61747508	3.761846
2.75387738	2.61566412	2.77567182	2.92017025	3.2045584	3.09373494	3.31047821
2.416314	2.02644314	2.267995	2.90369755	3.18552939	2.92851987	3.19606694
1.89365116	1.45523074	1.61157961	1.24388236	1.80569168	1.6818197	1.86518392
3.14987065	3.09305906	3.21754369	3.53491609	3.47676857	3.63891536	3.58459274
3.97045861	3.74826459	3.84471011	4.32793099	4.48629127	4.2738903	4.25058675
4.57314826	4.46837864	4.54920119	4.23562642	4.29339359	4.41992097	4.49837103
2.85488809	2.75884838	2.88751353	2.98834345	3.31581022	3.19580056	3.17800791
0.60111717	0.68676723	0.80555814	0.51794887	0.52404128	0.86961346	0.76121874
5.06839742	4.68849789	4.74323527	5.51381529	5.77331688	5.48241045	5.49584135
4.43590314	4.38629882	4.39553185	4.46900737	4.75719863	4.76752432	4.7825
2.75269131	2.75401118	2.79972886	2.92400995	3.20498683	3.2658328	3.2784436
3.67448874	3.49133819	3.62323413	4.34344574	4.68249365	4.82086431	4.79585307
0.07822328	0.11641871	0.06080458	0.29693058	1.00E-04	0.13673027	0.34114839
3.16012272	2.82795409	3.00931521	3.84100884	4.07424971	3.78772836	3.75146929
2.91041571	2.49457872	2.53755412	1.91505121	2.65559586	2.52125804	2.55067818
6.36039567	6.89674412	6.74947246	3.15410895	3.7466081	4.93987017	4.46895176
2.99951042	3.07992962	3.13518551	3.17882927	3.30865841	3.31933279	3.43262693
1.00E-04	0.028038	0.03768802	1.00E-04	1.00E-04	0.03748111	1.00E-04
0.08144719	0.15726793	0.20039197	0.25770778	0.47236178	0.30183885	0.20468298
1.00E-04	0.01000092	0.02670204	0.15645232	1.00E-04	1.00E-04	1.00E-04
0.61680639	0.26402368	0.22833177	0.40487849	0.63082596	0.46978871	0.55241843
2.12374883	0.76094223	1.16669932	2.0159495	2.23289033	2.13666744	2.62509226
3.09398342	3.0791029	3.04274717	2.52989871	2.87428564	3.09691175	3.08385547
4.66264371	5.08569897	5.04989181	2.91694381	3.09508769	3.76943874	3.87268449
3.42416464	3.63746084	3.59178707	2.25745564	2.71679624	2.88662457	3.10762206
2.8062093	2.50964289	2.80543471	3.22076201	3.49677549	3.58491236	3.65839449
3.48617105	3.40990715	3.52867042	3.29921927	3.50359068	3.5470406	3.78992643
1.89788995	1.81813176	2.09759969	2.19287139	2.42713468	2.41542921	2.38021131
1.92419683	1.64811492	1.69358684	2.3245774	2.32295052	2.09891927	2.21999001

1.3229688	1.26085302	0.9753032	0.319551	0.35814798	0.60063743	0.60040922
0.23863989	0.05434212	0.11909352	0.66139075	0.60493767	0.5811463	0.93160658
4.62033451	4.16685973	4.34876858	5.40485158	5.53831544	5.53358995	5.56424599
3.88203152	3.26754832	3.47250518	4.24920748	4.64699918	4.54120422	4.4754603
3.14522879	3.32421004	3.34680277	2.0396144	2.72756002	2.77361702	3.02283631
3.89596475	3.80863592	3.80564199	3.75874554	4.0970807	4.03498379	4.08298179
5.21672861	5.26067762	5.14507182	3.16915877	3.51656007	3.86149101	3.92003379
0.42184988	0.12401183	0.25064459	0.46099544	0.36667095	0.20010981	0.24772159
0.27696797	0.34164686	0.54147032	1.24646281	1.25454732	1.35628046	1.38131889
0.3989333	0.48715549	0.53003667	2.54998468	2.21789923	2.55956999	2.70223422
5.39990546	5.56005739	5.51897614	2.62470484	3.51755112	4.30176965	4.00841796
0.14884548	0.08880495	0.03567737	1.00E-04	0.14646158	0.26564658	1.00E-04
4.45364361	3.84739309	4.0735618	4.70818836	4.95546381	4.95378749	5.00067377
3.7544764	3.56225939	3.796534	4.20515165	4.46043086	4.67072222	4.63794561
4.18814229	3.81067857	3.97822118	4.22480979	4.50566178	4.52389324	4.73068338
4.25713082	2.42474354	2.44924509	6.00894675	5.95890279	6.1057115	5.82098109
0.13927759	0.15252533	0.14748581	1.00E-04	0.20959844	0.29577285	0.16663726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07950871	2.88924924	2.83363307	2.83814172	3.38968814	2.70045273	2.67464704
2.97222996	3.17808595	3.15030665	2.2330063	2.99191929	2.82764535	3.09332297
2.57415092	1.94494621	2.19326736	1.13686506	1.13678341	0.97137384	1.6067934
3.06354559	3.31871452	3.30170452	1.82092605	2.15288724	2.78852324	2.96129935
4.46387122	3.89692744	4.12364372	4.59605271	4.93885775	4.96377074	4.97045983
5.76961979	5.02169025	5.09775941	5.95816752	6.23862385	5.95402662	6.14262134
0.45316175	0.19034943	0.13156517	0.53512518	0.53780129	0.1869904	0.565943
3.44725852	3.79644567	3.66482181	1.75431066	2.61602247	2.58944058	2.41117884
4.92405641	5.60709795	5.44194059	2.84047656	3.44501634	3.94755748	4.05631678
3.54037921	3.82118215	3.87624378	3.35146126	3.78475021	3.67059408	3.85013894
5.06175636	5.49558331	5.18582717	4.80286491	5.0961899	5.55685518	5.48740174
5.39961303	5.97968855	5.69699981	3.29789322	3.50761718	4.0626153	3.84325975
2.94333321	2.78199164	2.59580793	2.96212182	3.29102048	3.38461527	3.29201974
0.20987552	0.23501047	0.31264729	0.2404604	0.24945121	0.06815859	0.68294031
3.58937043	3.80959383	3.79631812	1.21865696	1.62087591	1.96054393	2.10646296
0.77564972	0.41884514	0.66384454	2.25424272	2.57556392	2.11592679	3.0230234
0.03037676	0.02176145	0.00991349	1.00E-04	1.00E-04	0.33358292	1.00E-04
3.29827977	3.02191171	3.19957158	3.57305994	3.69631055	3.73964189	3.90165845
2.58069509	2.6602046	2.95787976	2.49085583	2.42326633	2.75837578	2.91620731
3.2432068	2.6994776	2.90702564	4.05516982	4.24472212	4.4458187	4.58904392
2.95529472	2.43717342	2.59737723	3.49337912	3.39204402	3.56051407	3.76544421
1.14665856	0.75776738	0.8722708	1.01725525	0.81049641	0.9719936	1.21716389
0.45594395	0.20597214	0.23521373	0.22048533	0.29475636	0.06750259	0.13181595
4.24938903	3.55156667	3.67246119	4.59843045	5.12060653	4.90020756	4.95130364
1.10715728	0.71892413	1.00784373	0.55825535	0.86364283	1.51278327	1.51834787

0.42878928	0.77782317	1.0707185	1.01535817	0.81189855	1.22374472	1.57250195
3.18030926	3.38468406	3.32756357	3.09187649	3.20066575	3.83958142	3.81671794
2.47675661	2.20317298	2.35458817	2.59558675	2.58606342	2.44207007	2.77742287
4.09197617	4.2191562	4.21126972	3.17116331	3.59026123	3.87751447	3.9355416
3.87183194	4.2538895	4.18231193	2.21284482	2.70241559	3.20010894	3.09716561
1.32904787	1.31428166	1.69112394	0.07490941	0.39726655	0.50720867	0.48411605
1.94188339	2.12559812	2.03365601	2.18251203	2.33794736	2.56856988	2.20870637
4.91937704	5.16058893	5.21299837	3.86950582	4.15234267	4.49670676	4.34984008
5.10390005	5.56360387	4.98004305	3.839007	4.12775364	4.22053475	4.08876431
0.43157187	0.27343344	0.3317655	1.00E-04	0.34685829	0.29082007	0.37627953
4.54826574	4.04071663	4.30173116	3.5412043	3.96504992	3.45696731	3.8204682
1.00E-04	0.00718934	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25682253	0.03050048	0.01747996	0.10153748	0.28173272	0.24985313	0.28903498
0.24817762	0.20088755	0.08743084	1.27687545	0.77780109	0.7432897	0.35219422
4.4677525	4.86511381	4.75683989	2.5984887	3.21135911	3.63163727	3.6664892
3.48227118	4.06716204	3.86410447	1.50539718	1.93129243	2.34388162	2.32907395
1.00E-04	0.06903683	0.02950103	1.00E-04	1.00E-04	0.08187319	0.13773578
0.26349465	0.64152861	0.77568345	1.00E-04	1.25199655	1.73808492	1.67127563
0.58846715	0.52161924	0.65816168	0.43383073	0.62952108	0.61261191	0.42866074
0.60022963	0.71998574	0.74132534	1.00E-04	1.65082546	1.68833479	1.9720458
0.56104403	0.5510871	0.66192772	0.77691261	1.14415777	0.94141051	1.11635796
0.18168692	0.09636191	0.18245236	1.00E-04	0.23688878	0.20052874	0.68686425
0.23522495	0.08239102	0.17936317	1.00E-04	0.25955415	0.37610301	1.00E-04
2.54641781	2.57084433	2.74782467	2.13713848	2.79159807	2.96508403	3.17289513
0.20260181	0.14158497	0.20880629	1.00E-04	1.00E-04	0.16749893	1.00E-04
2.69531381	2.89192198	2.93555729	1.39649603	1.59966021	2.15629892	2.0068141
1.84244671	2.01480049	2.01323422	2.49947276	2.68219045	2.96346333	3.18135163
2.66254006	2.37874519	2.54834875	2.62555656	3.01989079	3.16081823	3.24086633
1.64408649	1.13911588	1.40820593	2.6341908	1.72482935	1.93394828	2.54308702
0.05856213	0.01361079	1.00E-04	1.00E-04	0.17976993	1.00E-04	1.00E-04
2.23773147	2.25576578	2.2441455	1.39537015	2.11497208	1.98074934	1.71202507
3.86938545	4.19114173	4.18720994	2.43059685	2.84880123	3.48906396	3.50134864
3.56663383	3.82918585	3.76647239	2.86298967	3.39149728	3.31049402	3.27625702
0.12609975	0.12510098	0.23353317	1.00E-04	0.33913106	0.10592654	0.38614053
1.00E-04	0.00611754	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48441378	0.28241037	0.36514123	0.19682595	0.77962206	0.6818368	0.62918228
4.09046806	5.19011877	5.00930378	2.4218398	2.74067619	3.86706289	4.03335552
0.30249681	0.2891446	0.23350367	0.13175217	0.26780133	0.10257806	0.17456662
0.04646552	0.23110082	0.15084781	0.14538627	0.16933437	0.05476112	1.00E-04
2.40244895	2.28337154	2.45873516	3.53575595	3.68500771	3.71161956	3.89468565
2.02202262	1.94204306	2.0055411	1.95270998	2.07566247	1.71388134	1.97600963
0.41237655	0.15071081	0.23902753	0.50880704	0.94935489	0.89510616	1.00471518
2.11419066	2.45120501	2.41219329	1.25136059	1.53802359	1.96825269	2.13356586

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05209733	1.58232166	2.002836	2.46352424	2.65347888	2.75820677	2.84276232
1.00E-04	0.04583425	0.04156489	1.00E-04	1.00E-04	1.00E-04	0.22492244
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13968132	1.00E-04	1.00E-04
1.73198491	1.68363535	1.78248809	1.50682915	2.04642377	2.21360126	2.38610833
0.03187132	0.00921503	0.01601086	1.00E-04	0.15623717	0.08027159	0.09591418
3.31936191	3.09735133	3.27454744	3.50473214	3.72722583	3.92768566	3.80579094
1.00E-04	0.04465171	0.02715631	0.1140431	1.00E-04	1.00E-04	1.00E-04
1.5059815	1.08955689	1.27159719	1.40759796	1.82657816	2.04580525	2.03602519
1.41159966	1.69745177	1.7209695	0.42095454	1.34426948	1.77262429	1.33548333
0.13633228	0.06515406	0.03889201	1.00E-04	1.00E-04	0.14815869	1.00E-04
0.59782187	0.64985473	0.91010773	0.92187234	1.42245823	2.01849335	2.08935566
2.16927945	1.74773918	1.89664913	2.40895493	2.99915931	2.87873085	2.88516055
1.00E-04	0.13973394	0.10009879	1.00E-04	0.09061501	0.12656887	1.00E-04
2.7478169	2.98014769	2.85338505	2.36793799	2.66417434	3.01347226	2.98171163
0.23218587	0.07834622	0.13455705	0.42284741	0.19782375	0.5369801	0.3463328
1.88975876	1.98634749	2.07643418	1.53224296	1.51673337	1.74614793	2.05279495
1.00E-04	0.06318695	1.00E-04	1.00E-04	0.10127124	1.00E-04	1.00E-04
0.11944217	0.12519881	0.11239326	1.00E-04	0.44635541	0.446117	0.92537475
0.63903334	0.07068913	0.16993261	1.00E-04	0.57171207	0.38270125	0.3146061
0.42967157	0.12627056	0.16505383	1.00E-04	1.00E-04	1.00E-04	0.59133294
0.63499324	0.86453069	0.9825911	0.98410605	0.79784312	1.05755669	1.23402673
1.07236427	1.1371284	0.98452584	0.71998006	0.86840426	0.77718861	0.82967755
1.60883434	1.78972487	1.85338573	0.77823173	1.23821716	1.55375306	1.69101266
0.12205738	0.01686773	0.12454378	1.00E-04	0.07866604	0.53589235	0.65438129
2.1246327	2.23445234	2.27940097	0.69056977	0.97219138	1.32642732	1.31528623
0.29161281	0.37154683	0.3225513	0.62964882	0.43377295	0.84813857	0.271975
0.18595274	0.27685325	0.49132512	0.25816404	0.64792216	0.83173035	0.85109209
0.03128757	0.01398748	0.04202446	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.0042268	2.68153887	2.98456793	4.40300605	4.82781592	4.64662199	4.66566919
1.02341925	0.98632388	1.27428868	0.51032414	1.08643358	1.22414868	1.14426679
1.00E-04	0.04455969	0.02258925	0.19683926	0.14069032	1.00E-04	0.13152104
2.71485655	2.54600243	2.59040408	1.88791214	1.84572124	2.15947887	2.19079437
4.44596309	4.74640551	4.69474877	3.38161669	3.63704013	4.04317043	4.08384822
1.93134467	1.74486923	2.0282224	2.53266062	3.36660543	3.75065128	3.8164722
2.6821052	3.04865179	2.9871354	0.83794819	1.56276839	2.0499796	2.16096458
1.68733249	2.05657625	1.93572298	0.8659943	0.64957731	0.63674044	1.0923544
1.09642723	1.32271758	1.36286	1.00E-04	0.77429952	0.70541481	0.75393207
3.01770879	2.42801562	2.7557571	2.61635627	3.16898857	3.19948626	3.34841485
1.00E-04	1.00E-04	0.01151689	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11123789	1.17432506	1.14800647	0.97558947	2.37230867	2.87164756	2.53014772
0.43718081	0.89199507	0.78037588	0.15385335	0.41688984	0.10102612	0.18868477
0.96331688	1.17402244	1.25203945	0.22500504	0.77161293	0.78975422	1.05441314

1.39421954	1.12688798	1.1153929	1.26158195	1.53420334	1.86393607	1.77574749
0.1435723	0.30623878	0.21161171	0.20852433	0.08049655	1.00E-04	0.12142554
0.17390915	0.36844571	0.43913381	0.12245313	0.87742547	1.01289662	0.99529349
0.22942489	0.5475243	0.50348929	0.17913609	0.18620233	0.14051538	0.2781194
1.39174493	1.49100637	1.29276077	0.40350904	2.14810306	2.46588673	2.22737964
1.19510986	0.83542162	1.00596756	1.00E-04	0.35019173	0.3376485	1.00E-04
0.13691856	0.07405626	0.09286052	1.00E-04	0.1246131	0.12799467	1.00E-04
0.57967556	0.60744245	0.50503263	0.33505112	1.32593803	1.65197837	1.25619579
0.32731685	0.20235957	0.2585006	1.00E-04	0.27612361	0.16645156	0.07312591
1.89085556	0.8329871	0.68792698	0.25308755	0.33560906	0.81569931	0.31508332
0.56034717	0.26856833	0.26629186	0.67644541	1.01213986	0.91022608	0.7260235
4.53994094	5.19562064	4.97895289	1.87740965	2.43814752	3.59914162	3.39040381
0.04886791	0.04979743	0.03212986	1.00E-04	1.00E-04	0.07559152	0.0724953
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.59362098	0.98157358	1.14608128	1.47979673	2.39683131	2.36249125	2.50624003
1.28584603	1.54845738	1.63723722	1.11385729	1.20743846	1.50461433	1.74336329
0.36064622	0.26887852	0.45806931	0.5911387	0.82288049	0.76683309	0.60444937
0.20964601	0.28295734	0.38582101	0.52081509	0.76030398	0.67053826	0.39354771
1.00E-04	0.03094495	0.03510028	1.00E-04	1.00E-04	0.0666349	1.00E-04
1.95552117	2.30692683	2.32197358	0.58162784	1.04775701	1.46606426	1.94615036
3.82272277	3.97150006	3.92062575	3.25201105	3.35286442	3.72254151	3.70954246
3.58070399	3.41863243	3.46188496	3.33851684	3.56624832	3.85352311	3.82287565
1.00E-04	0.02631687	0.00523326	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41016872	0.43265797	0.36577086	0.25058471	0.72246692	0.2480179	0.27174699
1.35706813	1.17412992	1.06827482	1.00E-04	0.13792781	0.43659358	0.5962582
0.35901094	0.33914569	0.39601717	1.00E-04	1.00E-04	0.10907085	0.26050399
3.39444884	3.77777418	3.76881865	1.15189639	2.02673125	2.18919592	2.38225384
0.09777091	0.03879633	0.05077185	1.00E-04	1.00E-04	0.20014839	0.11331415
0.99251145	0.39770018	0.82656954	0.2493735	0.59897309	0.7946668	0.97608437
2.18758279	2.51299747	2.63100411	0.10854968	0.96186852	1.36575519	1.19652725
2.96721363	3.14836134	3.12668259	2.17316559	2.18759605	2.56733257	2.71879852
0.05918087	0.05891101	0.07134537	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.42462428	3.88171823	3.84977991	2.50365926	2.89237754	3.08249737	2.8974601
1.36315237	1.16386494	1.31696943	1.50865695	1.38578086	1.65755014	1.74145994
1.00E-04	0.01944106	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11675966	0.07499886	0.12028993	0.22331769	0.14394563	0.10558446	0.20966908
2.71409295	2.73751919	2.74608655	2.44535574	2.64900936	2.7003478	2.77704686
0.45607553	0.1936706	0.26929289	1.00E-04	0.24132136	0.77891255	1.155856
0.04398373	0.05053646	0.04194824	1.00E-04	0.12010882	0.18292182	1.00E-04
0.57740454	0.43419813	0.68405	0.65984151	1.5609022	1.21158284	1.08946412
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15370658
1.07388144	0.38905355	0.64288288	1.94542134	2.52430058	1.0888472	1.0725181
3.04839518	3.1743429	3.15140474	1.78722162	2.46516463	2.56002155	2.69467838

3.9014156	3.22644308	3.3806522	4.44299766	4.85686345	4.75813203	4.68952019
4.20084349	4.47074252	4.40229627	1.87873357	2.86145503	3.24276451	3.28294358
0.33805942	0.34952791	0.51761066	1.97713941	2.08923882	2.26976484	2.16693737
1.00E-04	0.02178181	0.00446352	1.00E-04	0.13121295	1.00E-04	0.1136426
0.79993307	0.45443159	0.93684501	1.00E-04	0.13788342	1.00E-04	0.13336097
2.86419171	2.83245273	2.89424838	2.62649632	2.94103584	3.01084432	3.11000067
3.96199807	4.4223491	4.32618887	1.88726056	2.71157395	3.16762335	3.00771888
2.95189614	3.15587152	3.18122425	2.13035992	2.69069181	3.12209858	3.14219292
0.67363071	0.51174193	0.4904539	0.86442034	0.70933615	1.72927032	1.37396036
3.21064197	3.62418921	3.36898776	1.06653344	1.2785196	1.4177367	0.94934153
0.63802078	0.48616198	0.57364903	1.0134332	1.38171331	1.15325567	0.53577236
2.04792085	1.78780842	1.90213276	2.54694244	2.76071811	2.4097959	2.50379422
4.35925485	4.99046687	4.82561313	1.81356755	2.18090892	3.54390807	3.59913379
1.31937972	1.48701302	1.50949074	0.81064289	0.95572445	1.01739005	0.78683555
0.37978774	0.13401718	0.16255593	0.14851373	0.86292774	0.78678242	1.03153274
3.59570196	2.90111185	3.10724616	2.74132649	3.20117858	3.147371	3.40226515
0.12957213	0.07791678	0.02856048	1.00E-04	0.19493993	1.00E-04	1.00E-04
1.23553004	0.95562741	1.23450735	2.22382884	2.40394669	2.05590143	2.25663569
0.34426286	0.37018318	0.3983402	0.11468604	0.1663089	0.28126089	0.23173544
0.1334977	0.18546907	0.11941886	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.45411756	3.71602646	3.72575447	2.32955595	2.95994694	3.20647522	3.33265843
4.320315	3.7603969	3.87280271	4.73444223	5.00406318	4.94510008	4.8858467
2.81894065	3.06477919	3.07508455	1.23213515	1.15959608	1.97509107	2.03169993
1.16497241	1.14987159	1.20822571	1.00E-04	0.17075256	0.28641658	0.349965
1.13147229	0.71683572	0.78917683	0.53158477	1.65753369	1.64515187	1.28881568
0.25891275	0.05662012	0.11027037	0.98283579	1.12480131	0.5366664	1.23346466
1.90301803	1.71446731	1.98268145	2.15264301	2.32629435	2.33105549	2.61561406
2.22080763	1.76037144	2.01656755	2.60710985	2.71817807	2.88594956	2.90159325
0.11612339	0.03201359	0.04616177	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11129581	0.1004173	0.01878148	1.00E-04	0.45426464	0.40382734	0.23555544
4.05109085	4.631363	4.66599582	1.38799216	2.15799102	3.04578486	3.07328243
3.10592243	3.04815467	3.08169636	1.24108847	1.05938183	1.2885387	1.45078679
3.23722577	3.36911834	3.45452321	2.75858122	3.13057215	3.50404245	3.61960775
0.15984185	0.12449766	0.2571654	0.27480984	0.11210008	1.04866057	0.71695332
1.00E-04	0.08085004	0.08388725	1.00E-04	0.57693932	0.50747197	0.75004989
0.46175413	0.26836743	0.26438742	0.27859329	0.43323601	0.90091043	0.55006029
2.43332936	2.13978625	2.34489437	3.51211897	3.92032919	3.76606023	3.82183074
4.86621743	5.26956385	5.24081325	1.8515084	2.20260809	3.42291446	3.11063216
0.88810913	0.54785844	0.69331251	0.6821483	1.29912548	1.03290474	1.31943069
2.44613876	2.62534481	2.57973002	1.42889024	1.61031038	2.25198174	2.13804607
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0760848	1.00E-04	1.00E-04
0.45001728	0.43118782	0.59308626	0.86072945	0.83212722	0.93545443	1.28249483
0.29089185	0.3479179	0.37955801	0.0794065	0.91506577	1.12354222	1.14530392

1.66537619	1.37129121	1.54390665	0.2676431	1.00E-04	0.06858991	0.32907854
1.30971475	1.01922492	1.18022413	1.24207959	1.27374632	1.27368051	1.18719374
2.891812	1.18433467	1.48628311	0.96005199	2.08862456	1.73390973	1.41123846
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39746008	1.58893486	1.76466567	1.10924687	0.91909693	1.42139367	1.52772141
0.23707721	0.07243644	0.12981361	1.00E-04	1.00E-04	0.06347759	0.09043425
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17718362	1.00E-04	1.00E-04
3.23141215	3.39402202	3.4776377	2.33421953	3.33732624	3.17720406	3.34679572
3.44354526	3.87943968	3.85031737	2.749189	2.87226903	3.0494183	3.27434905
2.69963047	2.80997562	2.79865891	2.28692515	2.37635737	2.53890357	2.58840172
2.95766289	3.05714637	3.06602671	2.44466535	2.94848771	3.13043139	3.22824122
1.58115515	1.57950238	1.87450493	0.12786338	0.54604742	0.74105794	0.51346003
1.52765047	1.5093323	1.65215957	1.00E-04	0.44623767	0.31691463	0.44441252
1.68312485	2.13542915	2.25850124	1.14863896	1.76377439	2.28459774	2.56416345
0.22461442	0.13546232	0.05685121	1.00E-04	0.23125147	1.00E-04	0.17613748
2.76900488	3.44452847	2.58490736	1.70440288	2.49631528	2.67486773	3.19589083
0.42966324	0.27856742	0.22093014	0.24197566	1.0336007	0.9441196	1.22253816
1.00E-04	1.00E-04	0.01173003	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.69142235	5.55109702	6.0015929	1.31951497	2.53247613	3.00783211	2.90391994
6.20489852	5.8623084	6.62177118	2.37034007	2.99350898	3.62526154	3.45008688
4.22861949	4.76967626	4.70344693	2.22489805	2.65278971	3.28665231	3.3389201
5.65903148	5.31178424	5.885064	1.57797799	2.93751457	2.92655277	2.71725959
0.0226352	1.00E-04	0.02859279	1.00E-04	1.00E-04	1.00E-04	0.04644583
0.2049339	0.04836237	0.14885522	0.15499404	0.75127137	0.62296423	0.73320509
1.00E-04	1.00E-04	0.02040003	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34857546	0.1450911	0.10263459	1.09590271	1.91356056	1.6328635	1.63096191
0.02499257	0.05640782	0.11875574	0.11621483	1.00E-04	0.09449768	1.00E-04
0.55666545	0.28266711	0.31273201	0.93585729	0.6990861	0.67802389	0.67218936
1.00E-04	1.00E-04	0.04405169	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23536134	0.10595682	0.26625744	0.40124981	0.45789846	0.64876664	0.44538309
1.45004937	1.73366147	1.51851732	0.44349813	0.26884417	0.9119131	0.69129364
0.08802158	0.02652133	0.01197916	1.00E-04	1.00E-04	0.29260756	0.65233884
0.46466896	0.13712254	0.41391359	0.13046084	0.11221744	0.10397311	1.00E-04
0.50444708	0.29920376	0.32771193	1.00E-04	0.16458302	1.00E-04	0.16042179
4.45883098	4.16875775	4.01298997	1.82480892	2.62726523	2.51233431	2.29567371
1.79021325	1.13138762	1.32412257	1.15959822	1.86228421	1.55871822	1.57111409
0.44489262	0.21739821	0.31602719	0.13626473	0.36489251	0.10188987	0.16400484
2.21003163	2.33100746	2.60763174	1.98832874	2.00637428	2.60274356	2.82000086
2.33418234	2.26278441	2.53802434	2.45644183	2.8400767	2.71857495	2.94723098
2.63433763	2.22170955	2.49047284	2.35750128	2.74070611	2.71698679	2.6545461
1.01635721	1.02779117	1.30533218	1.25962054	1.62772451	1.60581451	2.14074855
4.39750751	3.86620131	4.24138949	4.76495643	5.09789602	4.87574507	5.00260449
0.78369234	0.28224187	0.39269842	0.73363177	1.18277302	0.90488918	0.47621256

0.04443292	0.04437373	0.15202219	1.00E-04	0.35233705	0.16740217	1.00E-04
1.23742631	1.22699481	1.37148184	0.42606535	0.13531457	0.10615581	0.56432163
2.8513313	2.72622911	2.89182284	3.08274203	3.40390051	3.59060944	3.41287918
0.10399253	0.19046876	0.13997606	0.14693333	0.2752917	0.11064064	0.72070771
1.00E-04	0.00549179	0.03386233	1.00E-04	1.00E-04	0.12995077	1.00E-04
3.15892457	3.28592001	3.31572745	0.85280012	1.67900921	2.32817986	2.31513208
0.66914207	0.40752799	0.50186946	0.21601015	1.02749313	0.97010202	0.52920755
1.95617693	1.47611033	1.46857041	1.21983381	1.9271004	1.79789516	1.48969171
1.00E-04	0.01359498	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.71659842	2.60411237	2.60146859	1.8121624	1.86725809	1.70233551	1.87803705
2.6463064	2.88663904	2.90805782	2.273151	2.35562696	2.73487229	2.77116791
3.64949657	3.08253049	3.20242065	4.3107117	4.57171325	4.51359964	4.51134423
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02820541	0.40946835	0.21638579	1.00E-04	0.32940199	0.54062384	0.48475327
1.00E-04	0.00513023	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05250905
4.3316604	3.60394142	3.8919886	4.28033507	4.54942421	4.37707487	4.48454837
0.31328119	0.06680909	0.11116187	1.00E-04	1.00E-04	0.12297445	1.00E-04
0.16195722	0.12915666	0.05844727	1.00E-04	0.21821531	0.07838091	0.37503858
0.36642962	0.17856962	0.41290492	0.92099248	0.94189305	0.49096306	0.75477236
0.89875557	0.86234655	0.92861827	1.56535986	1.91331592	1.54628588	1.78972119
1.51175269	1.32307089	1.47058332	1.46105645	1.73476681	1.96348065	2.18432346
0.27404812	0.14384212	0.14330315	0.32540685	1.11004557	0.59373603	0.33810488
0.11780471	0.25407382	0.21462882	1.00E-04	1.00E-04	0.1503012	0.45355955
2.59370424	2.83090353	2.8433997	2.08845501	2.70888503	2.71323469	2.80373281
0.23394526	0.06472761	0.16977142	1.00E-04	0.1317778	1.00E-04	0.65796755
0.21249143	0.15470056	0.15773342	0.69467855	0.75775455	0.33399279	0.63649815
3.23976449	3.05627823	3.11169505	2.92209811	3.02551942	2.88787901	3.03941455
0.75672853	0.35227316	0.46490657	0.67745246	0.99547047	0.58050538	0.73838673
0.14107965	0.15892643	0.1880847	0.18167321	0.25851468	0.45186994	0.18605379
1.24831229	1.50694314	1.49893808	0.1776167	0.51461641	0.19193349	0.20150097
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53887316	0.51242111	0.48533772	0.2269273	0.46189181	0.18724245	0.08254655
3.37244794	3.22552927	2.5511659	0.52527379	0.86470698	1.15758634	1.1299153
4.87714312	4.95617638	4.76883105	1.47079877	2.37844282	2.83453295	2.7716284
0.61684624	0.59645136	0.60479642	0.36706677	1.1137688	1.08957827	1.15408303
0.06074252	0.01909349	0.06410241	0.28577188	0.1022858	0.13553098	0.34360837
2.51616275	2.26400092	2.19090508	3.38134253	3.86121404	3.77113831	4.06324371
1.51378751	1.79176362	1.76727785	1.10595038	0.86573246	0.93673933	1.17737234
2.14944121	2.18061795	2.21757627	2.16132052	2.68670729	2.48317306	2.5555471
0.18274201	0.03771673	0.10432089	1.00E-04	0.28740151	0.13341688	1.00E-04
0.34409203	0.10189607	0.18846281	0.17189341	0.47282733	1.00E-04	1.00E-04
4.7299113	4.92551039	5.02801568	4.04676678	4.11580637	4.18437236	4.26156013
0.13138786	0.20494785	0.15648312	0.30941547	0.33662938	0.53675074	0.5342798

2.19626146	1.74022397	1.74411738	2.26336197	2.28928225	2.3728361	2.62004419
0.29592331	0.14146878	0.21943458	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75739621	0.75738809	0.78250829	0.93267406	1.55841862	1.7745414	1.85717356
1.00E-04	0.08964907	0.08594078	1.00E-04	1.00E-04	1.00E-04	0.35821333
0.07723746	0.29719338	0.2463614	0.34873025	0.67585722	1.12066887	0.76889322
3.1471011	3.16925729	3.1877887	0.69940352	1.72440957	2.04987857	2.41669933
1.09452818	0.84793876	0.97832111	0.35266014	0.84426474	0.67462465	1.0267705
1.70171509	1.91190499	1.92752119	1.43623373	2.12343209	2.25710152	2.17893101
0.80846623	1.03580075	1.26440046	1.00E-04	1.00E-04	0.4062427	0.53203532
1.00E-04	0.01330568	0.08686676	1.00E-04	1.00E-04	1.00E-04	0.4397439
0.49570157	0.22188103	0.44362605	0.89775597	1.29962222	0.86243521	1.79859777
0.77631304	0.58773844	0.59246815	0.4199146	1.44219463	1.59220217	1.68743438
2.51528943	3.01013675	2.88904982	1.7721788	1.98906659	2.18938928	2.36152034
1.00E-04	0.00694751	0.01204326	1.00E-04	0.31839114	0.05684971	0.11180616
0.24846267	0.11180117	0.09862337	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03108732	2.1811568	2.32345782	0.44837969	0.70997796	1.14754718	1.54653047
2.56589892	2.82044511	2.80924123	1.56012951	2.33423059	2.37501544	2.53128486
2.45325962	2.79945588	2.58447738	1.10233027	1.54371003	1.75351741	1.99503342
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08221198	0.08835185
5.6175226	5.35382466	5.3794612	4.36213725	4.83867529	4.80122293	4.97011116
3.50897027	3.55168282	3.61293353	3.12433132	3.30426654	3.4248597	3.70192088
0.87754626	1.08884118	1.12893174	0.9519225	0.9298481	0.89629315	0.92028531
1.01488262	0.6211035	0.92537331	0.53445188	0.26503669	0.16144709	0.63766063
5.4882896	5.41642808	5.43836403	2.68977819	3.16652123	3.41670922	3.37217273
1.17762275	1.29916565	1.24469117	0.22643458	0.02237225	0.04825701	1.00E-04
0.3823336	1.14814551	0.99632074	0.09447899	1.00E-04	0.68050952	0.48501095
0.4566236	0.50256236	0.64191049	1.27624566	1.09255283	0.72259013	0.45497641
3.09482252	3.57875799	3.5581763	2.31476755	2.71563561	2.95383866	3.20268661
4.8955947	5.65029365	5.5597334	2.13139369	2.73909604	3.99565797	3.93357826
3.58827067	3.03688453	3.21115699	2.88849984	3.37789253	3.33783747	3.52452855
0.07931435	0.0483502	0.08811103	1.00E-04	1.00E-04	0.17081174	1.00E-04
2.67062561	1.92856146	2.00546414	0.60101804	1.04211768	0.95162186	1.19403506
2.12178589	2.16294257	2.18273863	1.11440095	1.56480499	1.91185099	2.22902821
0.31882951	0.16461006	0.33682123	0.17861099	0.95510306	0.9099096	1.60231818
1.16526582	1.05718036	1.23650864	0.73375553	1.30701532	1.7122384	2.02606337
0.13558479	0.18482136	0.33867164	2.57109086	2.69709232	2.46846583	2.3582277
2.27307543	1.38777413	1.60193894	2.22403015	2.34849297	2.04295423	2.36525055
1.00E-04	0.00592087	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00991134	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.32917344	3.3471226	3.36115467	2.43598712	2.62184584	2.74131488	3.02892352
2.52275251	2.29524557	2.60344288	2.78318425	3.28088104	3.41495987	3.43780273
3.13189004	3.32453079	3.25205586	2.13851063	2.80584562	2.81401403	3.0808276
1.59626955	1.721774	1.72104892	1.79931695	1.91013732	2.01347092	2.40342263

2.28971546	2.24180989	2.53936869	2.55958716	2.49851767	2.6399615	2.79466924
0.1792782	0.10096626	0.05835489	1.00E-04	0.09916358	0.42781361	0.08583825
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05337619	1.00E-04
0.75614249	0.21792466	0.25165066	0.33766034	0.21769842	0.1804512	0.22754031
0.72922307	0.86124356	0.71944009	0.10789406	1.90954719	2.14085796	1.92452146
3.13999287	3.11643558	3.11639924	1.88788342	2.01666212	2.38039499	2.54082937
1.00E-04	0.06632471	0.0164568	0.3729364	1.00E-04	0.13457609	0.13468504
3.99097389	3.28679326	3.20511941	4.04766516	4.30168424	4.4506518	4.52488272
1.60227667	1.26521982	1.42936356	1.44646517	2.68067755	3.16160235	3.0181423
2.48394618	2.99998804	2.9673478	2.07862702	2.11992782	2.54731456	2.70665225
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.98494107	3.44238522	3.36975288	1.59231005	2.02008618	2.41698951	2.49154887
0.72172095	0.32071075	0.27511546	3.15053745	1.898409	0.7232495	1.17776071
2.92731593	3.1851975	3.21307985	1.31001847	1.26514688	2.18832689	2.25679429
0.10753401	0.09725483	0.13205938	0.22556005	1.00E-04	0.17411333	0.39009223
0.33730475	0.29100601	0.23120359	0.13518266	0.70730459	0.51373423	0.4079925
1.8125886	1.58813721	1.87810924	1.9525054	2.25541715	2.46538365	2.60081411
0.0239604	0.00572349	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93568518	1.68193472	1.77245198	1.86419548	2.05546127	2.05830768	1.93645725
3.20877266	3.16553602	3.50556315	1.95910507	1.95951034	2.18553867	2.22499973
2.74581279	3.06812356	3.04797421	1.71392905	2.17420841	2.68619374	2.81714651
3.81030407	3.22830098	3.24020166	4.29269263	4.5532876	4.60209579	4.40785577
0.04853936	0.05265733	0.11442759	1.00E-04	0.20934705	1.00E-04	1.00E-04
3.08058765	3.65386711	3.56571469	1.90600692	2.05385897	2.33370647	2.7205614
1.00E-04	0.007073	0.0438802	1.00E-04	0.14069032	0.03606979	1.00E-04
1.24951345	1.25589628	1.32266143	0.39977934	0.71594159	1.13938367	1.31550504
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08600538	0.01239092	0.06956851	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09689975	0.4330411	0.43557125	1.23368283	1.69931473	0.8464787	1.37905449
1.56654663	1.22276292	1.38193612	1.7540734	1.75653724	1.49715684	1.74366011
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16497244	1.00E-04
0.86246793	1.03722826	1.11180354	0.91050794	0.99073498	0.91853062	1.38497724
1.00E-04	0.00453215	0.01335057	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41110557	2.43187551	2.46579501	2.14445954	2.06011904	2.49789388	2.52318803
2.65147843	2.6798673	2.67210147	1.51088842	1.76863551	1.98277936	2.05215119
0.02646841	0.04060524	0.08531202	0.09861233	0.17762476	0.18578745	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34416275	0.11911503	0.23897389	0.50094638	0.17638055	0.33087654	0.28638021
1.29445875	1.98334475	1.92521662	0.52368161	1.05143124	1.2759602	0.96497663
4.02065824	2.7825767	2.79737571	0.7352147	1.00146799	0.61129043	0.65814999
1.00E-04	0.00484206	1.00E-04	1.00E-04	0.14736843	1.00E-04	1.00E-04
1.00E-04	0.02936067	0.00722467	1.00E-04	1.00E-04	0.0762624	0.01438582
3.51714732	3.4203205	3.58870148	3.89048785	3.92699641	3.93009762	4.22207746

1.19014779	1.47604257	1.49118551	0.12824413	0.31198977	0.66070969	0.84684343
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04592811	0.00964427	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18890367	0.27481318	0.26291517	0.83992953	0.41839664	0.8400901	0.80173632
0.0132028	0.00549763	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.81661852	2.69489191	2.66444054	2.97529366	3.0478289	3.3490708	3.26788291
0.11905534	0.05150223	0.0671043	1.00E-04	0.80478525	0.96505337	1.01074983
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10167255	0.2911475
4.13265156	3.94828908	4.03542873	3.01238413	2.90886829	3.08687478	3.3141526
0.14287141	0.03290954	0.08497477	0.46318396	0.07822136	0.24134785	1.00E-04
0.37618373	0.29962704	0.25988071	2.46320822	2.06775151	2.14360648	1.47883014
0.69513811	0.79802354	0.89399198	1.07940194	1.52831175	1.36168315	1.30588218
0.31891936	0.10707495	0.10592071	0.49172178	0.64456033	0.38246876	0.4034296
0.3647491	0.26450526	0.80278637	0.1591408	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00894576	0.00676873	1.00E-04	0.12923464	0.0787628	0.11030334
0.16026334	0.41862575	0.64824864	0.13518266	1.00E-04	0.09815548	1.00E-04
1.00E-04	0.00969852	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01501646	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33197265	0.33696897	0.51576508	0.9271455	1.14335043	0.65060701	0.88071106
2.8961444	2.82075196	2.74810816	3.60459742	3.41254012	3.57084281	3.95125098
0.24029606	0.08927008	0.18795597	2.41003525	2.11197911	2.66947637	3.26287463
0.02138824	0.04676903	0.07570932	1.00E-04	1.00E-04	0.1846165	0.32042269
0.16534913	0.09420612	0.17759017	1.05813145	0.94937189	1.00156008	0.54688464
2.82267717	3.50600357	3.5604093	0.5710282	0.5855783	1.89074358	1.52171831
3.56436729	3.21969268	3.38398742	3.75801129	4.07682754	3.98126794	3.9723007
5.59250402	5.33304771	5.42904134	6.13774789	6.37268839	6.39726009	6.36239999
2.36831726	2.16063821	2.38308449	2.61168214	2.73935418	2.89207304	3.03594031
0.43563074	0.37626284	0.45917833	0.54883513	1.37293126	1.13691581	0.88886147
3.5932332	3.30494036	3.38553042	4.30765823	4.44266555	4.2596381	4.27552077
3.35006591	3.63496488	3.33007282	1.5873528	1.1580656	1.69288764	1.44814677
1.28036924	1.04242878	1.23389342	1.21408553	1.5486698	1.59430826	1.5726756
0.16422932	0.11150535	0.16899891	1.00E-04	0.37995943	0.12147747	0.43887281
1.00E-04	0.00638108	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89523537	0.60188116	0.79789523	1.38876427	1.07825647	1.59482048	1.36427409
1.00E-04	0.04461606	0.03386054	1.00E-04	0.30675126	0.19523934	0.26683394
2.63611912	2.32783694	2.46881017	4.15786617	4.67333846	4.40457597	4.21350556
0.99189194	1.24896022	1.07935147	0.13203732	1.00E-04	0.36987617	0.47181271
0.54464553	0.32937214	0.39880654	0.29691454	0.80954926	0.59834513	1.08892167
2.61137735	2.33896835	2.56547732	1.52278812	2.2649571	2.26199877	2.2674236
1.5011615	1.48703632	1.43866389	3.01789679	2.4286196	1.94306976	2.69390219
1.51032434	1.30559456	1.5577451	1.34591985	1.98335006	2.24264941	2.05561781
3.25537532	2.28794588	2.82699831	1.84411204	2.21418775	1.52953353	1.88951159
0.25092457	0.19323568	0.33972517	0.35645003	0.66450146	0.27667977	0.58728988

2.3156419	1.85491782	2.21504317	1.91018699	1.6693421	1.49485482	1.99877177
0.55755334	0.61283795	0.32173632	0.15729321	1.00E-04	1.00E-04	1.00E-04
0.18641142	0.0188785	0.01866382	1.00E-04	0.20376137	1.00E-04	0.62753837
1.00E-04	0.06296678	0.03666071	1.00E-04	0.23855936	0.03715995	1.00E-04
0.73756839	0.36717196	0.71198617	1.38578939	1.12863831	0.53946007	0.19879638
0.02686618	0.03175754	0.13160041	0.56875073	1.19753698	1.36604318	1.8673493
0.45968366	0.31741769	0.17714019	0.98510946	0.76201943	0.7265602	0.99964736
1.33179468	1.37462254	1.49420979	1.32475289	1.43087026	1.10108491	1.32372212
0.99862436	0.67438241	0.86265442	1.31290688	1.42402809	1.23299179	1.22172484
0.81024293	0.61243798	0.79820186	1.22289858	0.7850334	0.89686693	1.31948028
1.66600106	1.22348338	1.31123045	3.27679241	3.46143516	3.20762712	3.33981994
6.69338776	6.39694964	6.286511	3.81370614	4.10422598	3.56446447	3.7698954
0.22482407	0.04917818	0.08016516	1.00E-04	0.5870433	0.29063561	0.51340297
0.32806688	0.27646047	0.22027489	1.00E-04	0.10647667	0.25220242	0.27305173
0.09621739	0.08113072	0.08453573	0.47461077	0.43030609	0.21100441	1.00E-04
0.06548197	0.01744784	0.03842892	1.00E-04	0.01942284	1.00E-04	0.16086107
0.02638513	0.0579973	0.02139171	0.15962692	1.00E-04	1.00E-04	1.00E-04
0.02658435	1.00E-04	0.06078271	1.00E-04	1.00E-04	0.038798	1.00E-04
0.09623895	0.05526632	0.01545695	0.332091	1.00E-04	0.11722657	0.17134089
0.07756322	0.01472494	0.04462928	0.05552318	1.00E-04	1.00E-04	1.00E-04
1.78896918	1.78747204	1.73492095	1.76948003	2.15513187	1.89284154	2.1286812
4.28744188	4.03356447	4.28829565	4.09342596	4.53037907	4.49407653	4.39565116
4.65017753	5.16968445	4.81854302	3.3709026	3.51404506	4.09299247	4.05261546
2.45838636	2.32996268	2.46011286	2.331771	2.44972833	2.4016001	2.40361643
3.75657387	2.53037509	2.93767089	2.66677208	2.76460492	2.11685691	2.11038189
0.75483346	0.47270777	0.63559762	0.99039839	0.66985223	0.40547523	0.74315671
0.80310421	0.43562554	0.85712945	0.23458533	0.10855234	1.00E-04	1.00E-04
0.40977506	0.13528723	0.20990012	0.3277839	0.65813816	0.83395045	1.18701537
4.53109763	2.45808909	3.05641919	2.79288563	2.5247925	1.27866891	2.02216252
0.82742727	0.28485971	0.42890165	0.53962185	1.41341289	0.93675249	0.78335247
1.12351031	0.98750869	0.65619851	1.22158566	0.94474476	0.86671614	0.93952613
0.08419389	0.06740736	0.10468632	1.00E-04	0.11382629	0.12280853	0.22986299
1.00E-04	0.02688711	0.03044079	0.33177403	1.00E-04	1.00E-04	1.00E-04
2.50201704	2.6640311	2.75128194	2.12460545	2.38515737	2.55830274	2.69696305
3.78379996	3.7228191	3.73617854	3.59256108	3.90314328	4.0784994	4.01606609
1.00E-04	1.00E-04	0.00529564	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.8476034	3.39286199	3.91351993	0.8091622	1.21992563	1.08812154	1.03660688
0.78904296	0.44724062	0.41065483	0.89510785	1.24056167	1.05301652	0.97545395
0.02144393	0.02305322	0.02420028	1.00E-04	1.00E-04	0.13978908	1.00E-04
3.19746594	3.49209993	3.51586304	1.18526912	1.67366851	2.10169655	2.32926477
0.33314576	0.27150216	0.30372013	1.00E-04	0.1181556	1.00E-04	0.26322156
1.00E-04	1.00E-04	0.02699669	1.00E-04	1.00E-04	0.09226042	0.07413936
3.01144243	2.84252176	2.69059083	0.69460589	1.06437219	1.45217649	1.12860136

6.0051068	6.39661852	6.35065208	4.9711726	5.47832041	5.85939586	6.02241074
6.22460116	6.65947153	6.5478089	3.79277013	4.25376519	4.96567638	4.72191096
3.41871397	3.53450742	3.62885971	2.32850263	2.65125215	2.92748958	3.01770228
0.29352889	0.24020659	0.18029719	0.11438153	1.00E-04	0.17427492	1.00E-04
0.10882292	0.13299462	0.05321878	1.00E-04	1.00E-04	0.25623606	0.31271911
1.00E-04	0.07408339	1.00E-04	1.00E-04	1.00E-04	0.09338705	0.27247311
1.18016411	1.20484497	1.07322709	0.43185538	0.54672061	0.57201178	0.64493986
0.96308828	0.58466706	0.53380664	0.50593599	1.23976124	0.68434369	0.75773975
5.2857816	5.8502035	5.6839233	3.35710922	3.89389814	4.47220063	4.2818806
0.32315053	0.31096439	0.49911805	1.00E-04	0.58998338	0.54455452	0.68879139
3.7672599	3.85768912	3.92641036	3.72755935	4.08669859	4.31721006	4.37821004
0.89031959	0.93948248	1.06030772	1.42127424	1.68536834	1.8379641	2.26755005
3.24787235	3.45347668	3.57198029	1.09211396	1.41358239	1.78777084	1.97511248
6.73789323	6.4845967	6.75067466	6.19326859	6.37778885	6.24462315	6.27273858
1.00E-04	0.02051767	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5004621	0.16086602	0.12825214	1.00E-04	1.00E-04	0.13840804	1.00E-04
0.17093327	0.10568697	0.15490482	1.00E-04	0.54229015	0.97318647	0.40139764
5.87413033	4.81175947	4.89665268	5.91064172	6.27995678	6.39961873	6.14377343
3.08908986	2.8206846	3.06864263	3.88613062	4.13332101	4.19839171	4.2096028
0.05352778	0.04950269	0.09489867	1.00E-04	0.15849197	0.50686505	0.4357052
1.96194419	1.85713001	2.12812676	7.20057392	7.09779689	7.2853097	7.18831508
2.83979229	2.91997744	2.81586185	2.34225406	2.42241397	2.24860039	2.90006139
3.7394953	3.77862992	3.91467701	2.93961833	3.18544738	3.32095664	3.15924784
5.05324542	4.42336298	4.53941219	5.48407814	5.85000234	5.82810561	5.74104273
1.00E-04	0.02356482	0.01958536	1.00E-04	1.00E-04	0.10467649	0.18355328
4.44166108	4.84289899	4.75676461	3.36570144	3.55399835	3.91201477	3.95142612
5.90585253	6.957154	6.80784806	2.39049354	2.65252795	4.37605712	3.39612009
3.13433315	2.70065129	2.84170307	3.85323838	3.9215069	3.78677584	3.79863006
4.49928865	3.94517521	4.1303569	3.41143539	3.71778128	3.47771476	3.57661102
0.34185909	0.29483006	0.35662562	0.82409584	1.07670698	1.20505815	1.06132416
4.81128429	4.39840326	4.49501546	4.53358124	4.85760603	4.75233401	4.75650593
3.5436998	3.38326652	3.53972367	2.93351051	3.52679053	3.45611933	3.55418064
4.23385611	3.92152736	4.07121422	4.32904002	4.58201851	4.61402753	4.70178452
0.33977034	0.13712384	0.14194408	1.00E-04	0.30516123	0.28783806	0.16905159
2.57005744	2.44330786	2.4770941	2.1241135	2.10291214	2.20641091	2.55646968
5.06565444	5.11069034	5.12901593	3.78565387	4.00713394	4.36636575	4.43013763
5.13394048	5.41486878	5.52911875	3.99261192	4.25692432	4.61269182	4.79620838
0.61570642	0.50149709	0.51230741	0.51297201	0.69330553	0.60593061	0.69349736
5.95501798	6.20770974	6.16118528	3.6309011	3.90342575	4.40589398	4.28223243
3.93839412	4.01173325	4.04777341	3.31956626	3.67680633	3.78534429	3.89749287
2.26227007	2.33103542	2.45533614	2.40673392	3.02272948	3.14940552	3.1721937
1.68436611	1.67283586	1.6680602	0.50007014	1.35515379	0.69964794	0.8756307
1.42493628	0.87243929	0.99396571	2.94664615	3.03417547	3.15257291	3.26143237

0.20584454	0.03597691	0.08641893	1.00E-04	1.00E-04	1.00E-04	0.61975603
0.03553508	0.02097294	0.10782193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41290486	2.27967242	2.36782051	2.80589168	2.78816211	2.74987038	2.75892802
4.75111474	4.207616	4.38311918	4.38909478	4.66513245	4.53946748	4.66510665
4.08750943	3.35923022	3.55376419	1.94846504	2.45428452	2.19194737	2.51764049
0.15047867	0.08044664	0.2857789	0.67930445	1.30392672	1.03918074	1.24055893
3.92840217	3.45004753	3.68326523	4.30516672	4.62987789	4.69975209	4.64808293
1.00E-04	0.06515866	0.01977034	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02695253	0.06700974	0.05774969	1.00E-04	0.17638055	1.00E-04	0.15290658
4.3001804	4.5515712	4.53959398	2.94800642	3.31822971	3.52361195	3.60703805
0.06981527	0.04925174	0.04094844	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.19457873	4.21162319	4.30019405	4.24085688	4.45188245	4.47627335	4.59163245
2.85056932	2.45023852	2.72741181	3.30722404	3.34026825	3.45428641	3.54385995
1.99428657	2.16651302	2.21702724	2.10200781	3.155432	3.1527544	3.25269004
0.34801329	0.12898084	0.12155665	0.31378554	0.73361871	0.86348166	0.63187223
0.58664793	0.62106317	0.63006701	0.66244564	1.226133	1.87826905	1.48120069
5.08447255	4.98345997	5.05983309	4.84532868	5.33592292	5.49089451	5.59924432
5.70878403	5.58847051	5.68942846	4.70193809	4.81113563	5.07268857	5.06571035
4.98626175	4.84644743	4.93886487	5.63984638	5.73044011	5.67143552	5.70009728
0.37337766	0.21589032	0.37065827	0.12824413	0.09448798	0.31899677	0.19177534
2.00325211	1.41974032	1.7571278	5.86913922	6.20472948	6.12773531	6.01769462
0.95123581	0.56782313	0.55793001	0.94999124	0.9078025	1.2781121	1.39356542
4.89361898	5.32753029	5.12398533	1.40460804	2.13065101	3.31706096	2.91910834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.69887611	3.38354005	3.62728734	3.05205952	3.67845713	3.47016823	3.65116837
3.17116146	3.29088882	3.3421215	1.59322541	1.73081112	2.01343279	2.40444936
2.42999678	3.06057907	2.99050409	1.10895299	0.70595478	1.01996602	1.12494215
2.70811124	2.1827382	2.42417357	2.7307199	3.24444384	3.24662304	3.37770161
3.15897511	3.37698373	3.34128949	3.08561849	3.61509196	3.56342527	3.7371706
2.92726376	2.71159342	2.76855725	2.84341234	3.38949764	3.17441306	3.21933978
4.65305355	4.39849668	4.76744546	4.73796969	5.02452233	5.13598031	5.33777735
0.70075167	0.48718777	0.55047122	2.85215175	3.03163324	2.763719	2.89815125
0.03031486	0.01831145	0.03426049	1.00E-04	0.48784864	0.13358982	0.32863834
3.04897109	3.09722063	3.17917838	3.23065307	3.39666066	3.43604753	3.65182915
0.28167596	0.37090043	0.39611387	0.3830356	0.634665	0.27926919	0.23746666
4.45724777	4.96527921	4.84954015	3.954054	4.30917715	4.22653499	4.23127952
3.11476567	2.98785891	3.01405996	3.49203966	3.60442389	3.65884082	3.7591543
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35559103	0.65186296	0.7306104	1.82884329	2.12553314	1.98892929	1.94688185
3.48781507	3.36166626	3.51093682	4.19644899	4.4860864	4.24813012	4.47274612
4.6099885	4.07785525	4.25464192	5.4917207	5.75757102	5.68790345	5.79812964
2.81571655	2.43267746	2.68283187	3.72462185	3.90427999	3.83886883	4.07547084
5.15081657	4.67178271	4.69878414	5.36021758	5.5530919	5.48190237	5.41535537

0.200071	0.21446331	0.20892478	0.2229086	0.59399102	0.23490221	0.19631304
1.00154989	0.6113099	0.80954272	0.27648581	0.36041382	0.49494748	0.19605152
3.4312794	3.08022755	3.11366693	3.32017782	3.82600209	3.51968956	3.56229315
3.26281581	3.62127473	3.57060968	3.19238391	3.03840317	3.37845135	3.66142377
1.00E-04	0.0200689	0.03256799	1.00E-04	1.00E-04	0.07509159	1.00E-04
1.12746112	0.86150223	1.25912866	2.21603176	2.58946082	2.44317774	2.51918684
2.95503713	3.10988449	3.24664862	3.39450431	3.51960746	3.7182126	3.96070641
3.66733333	3.95561873	3.81244521	1.77255962	2.36410893	2.73465615	2.60476507
4.13060863	4.24105987	3.98229994	0.31050438	1.98559846	2.1129395	1.69896037
3.53789982	3.52661391	3.71063656	2.31151194	3.06790886	3.36644938	3.49203755
3.85674966	3.95199121	3.85974792	2.60126034	2.97090903	3.07680887	2.96444643
3.08408558	2.90132028	3.0766931	4.68213831	4.75056442	4.70229988	4.85796635
3.41769389	3.09437739	3.18745589	3.87538881	4.07566201	4.09109069	4.24040911
3.69455643	3.6824278	3.63309036	3.06401479	3.25203483	3.38416631	3.45609893
0.26713669	0.12887415	0.22163544	1.00E-04	0.26770018	0.39927532	0.14081561
1.00E-04	0.01470207	0.01337507	0.85199755	0.39563846	0.29208361	0.4894011
0.13367332	0.10679624	0.16162232	1.00E-04	0.19201864	0.06769421	1.00E-04
1.95423415	1.38537244	2.1401641	3.44173837	3.38756005	3.61576748	3.55215833
6.05329475	5.86993095	5.83121439	5.50952139	5.74352836	5.68977849	5.71811328
0.72557997	0.90208461	0.96667809	0.307919	0.65573255	0.73694553	0.74968931
0.9013324	0.54863915	0.66302217	2.17760563	2.10971402	1.88161071	1.70217171
1.56546039	1.09303139	1.20822348	2.80684377	2.75204335	2.36409659	2.50971079
4.91859116	5.1186308	5.17819148	3.40107345	3.54007171	3.75708521	3.96315024
2.2072757	2.49819422	2.8840148	0.19982241	1.0676314	1.47553121	1.68423898
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35375562	0.94089321	0.92686296	1.68913527	2.37947063	1.98669859	1.7617833
0.04183329	0.05334475	0.03692082	0.23338503	0.25608128	1.00E-04	0.08245016
0.40892678	0.14289556	0.28755208	2.46317058	2.52379703	2.59367062	2.58135683
0.83289711	0.45346384	0.51546626	0.78210448	0.88138626	0.59645165	0.32193917
2.95149172	2.41650215	2.70797612	1.37733076	1.234373	1.15644115	1.57578678
1.63714333	1.1618633	1.33518781	2.05336744	1.96955822	1.77844035	1.96212198
0.35965728	0.97223695	0.88123141	1.00E-04	0.31302731	0.54936914	0.3574873
0.1087485	0.02328604	1.00E-04	1.00E-04	1.00E-04	0.05684971	0.14235037
0.42955572	0.37588909	0.32903171	1.00E-04	1.00E-04	0.13213479	0.16174689
1.23073044	1.44328479	1.76193411	0.36820295	1.12859808	0.91540256	0.77583043
0.19504511	0.04202098	0.0425954	1.00E-04	1.00E-04	0.04607554	0.14716251
2.5921869	2.39902463	2.59885585	1.00E-04	0.4384314	0.79199665	0.17510254
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76170317	0.37315409	0.52383813	0.27408614	0.45069668	0.0589433	0.19145538
4.25370587	3.57679952	3.72621702	4.82653353	5.10597033	5.02530963	4.92298711
2.0821012	1.59108189	2.13927979	0.22008659	0.2750706	0.40001966	0.47128631
4.45558583	4.07264128	4.25053085	4.96714201	5.28673433	5.18373738	5.30201301
4.90267712	4.72561566	4.8135585	4.74666358	4.91173299	4.9569105	5.01371161

5.34061409	4.70482076	4.77919755	6.76091184	7.00223087	7.14030177	6.82056468
0.23169982	0.16159073	0.12340991	0.26835511	0.38993896	0.25806818	0.44530779
1.08459451	0.60765139	0.52268851	0.17632823	0.84317606	0.95863959	1.0715909
2.93598101	2.80678233	2.87744484	3.073363	3.31477811	3.40043439	3.44843594
1.00E-04	1.00E-04	0.00663333	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20802894	0.29528232	0.24393995	1.00E-04	0.30282921	0.14131062	0.10954998
0.74267606	1.03353108	0.96660941	0.16962102	0.30606847	0.15449263	0.97914843
0.79857957	0.65353733	0.76831913	0.22214773	1.08392951	0.74000749	1.11538227
2.76599018	2.79856402	2.98401002	2.7927281	3.21427233	3.34892137	3.24220323
0.80468444	0.43132396	0.54125029	0.38866224	1.53941817	1.15524403	1.09794656
3.92630284	3.67910658	3.78472088	3.4322759	3.80345905	3.60115895	3.63307696
3.55235908	3.77239382	3.71499707	3.66556941	4.17003385	3.99971117	4.12874492
0.27251667	0.10225769	0.12202713	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.3950982	4.69633811	4.65085606	3.775797	3.97306066	4.34713816	4.40779313
2.49066332	2.4780477	2.65908374	3.25482518	3.51889858	4.01714054	3.59330246
2.74839557	3.0516079	3.12143215	2.76811187	3.06026302	3.04071305	3.23058693
3.33453113	3.31430047	3.60342121	3.22219882	3.63213581	3.5880762	3.62390907
2.02627816	1.8950176	2.08521138	3.05650794	3.11678379	3.01012082	3.13484354
1.02138645	1.17840788	1.39333988	0.5760955	0.56043751	1.03120975	0.62959726
1.5830802	1.51053628	1.46487181	1.00601611	1.44145951	1.29267048	1.65690034
0.52810768	0.63804783	0.73309145	1.02496006	1.01561405	0.80492522	0.80180602
2.51284219	2.35625905	2.423844	2.13901445	2.60476601	2.50201312	2.55584091
3.00659643	2.83112909	3.04584479	3.15808129	3.41935629	3.52309812	3.5706523
2.59275762	2.05783134	2.47550906	1.74274657	2.86413488	3.05186153	3.1540628
5.14552587	4.60351562	5.12679795	3.51045764	3.93425625	4.32485647	3.63234799
4.39442559	4.23824437	4.30282803	4.54309147	4.66800694	4.63896971	4.73901096
2.5722403	2.4058075	2.53267599	2.79812134	3.12251178	3.13047951	3.15250235
0.31275895	0.18567378	0.29004997	1.00E-04	0.53689394	0.50046036	0.46720116
0.97009397	0.50313104	0.80883096	1.26510789	1.03826657	1.25699515	1.22801519
0.25330997	0.13006526	0.17961738	0.85470076	0.77870414	0.16887794	0.36401337
0.42539752	0.67316205	0.76085069	0.25027826	0.49021951	1.37628497	1.03683278
0.06053198	0.02734795	0.0945973	0.04762906	0.33880168	0.17760313	0.29654647
1.21854829	1.25468438	1.36232946	1.00E-04	0.49557319	1.01338644	0.72782365
3.78914433	4.08575794	4.13927134	2.77110418	2.85211138	3.84973791	3.98546425
0.11938177	0.06276405	0.02991175	1.00E-04	0.40707923	1.00E-04	0.15029915
3.10116975	3.36554134	3.42117881	2.79287026	2.85866598	2.84835165	3.28848102
0.75266509	0.38397653	0.50225262	0.97314255	0.95363081	0.7117487	0.82918861
1.0464132	0.90495558	0.62125438	1.27303307	1.27710012	0.82615313	0.71820885
3.22964595	3.51296638	3.44501383	1.55469131	1.98278114	2.85751163	2.6774832
0.09106024	0.03750581	0.02542061	1.00E-04	0.17995786	1.00E-04	1.00E-04
3.01294936	3.0616134	3.01356471	2.47956733	2.68853927	3.07187183	3.08247481
4.4734381	4.39865922	4.42172801	4.21103207	4.54439508	4.69078291	4.69299252
1.02235824	0.62127514	0.69746379	0.86855415	1.31089236	1.16717753	1.49704296

1.62099376	1.62904464	1.78279266	0.70048349	1.11404186	1.06395824	1.13326988
1.9553735	1.92296841	1.85009284	1.76487775	1.5725513	1.67875004	1.71933017
2.98994329	3.44943979	3.38721227	1.66561505	2.02498104	2.33455821	2.35481324
4.2348313	4.05757119	4.18765899	2.54352538	2.36469748	2.65553444	2.56863484
2.75219014	2.76181808	2.64128573	2.02171509	2.54753288	2.75437106	2.82284827
2.50782969	2.65797055	2.64441043	1.43774361	1.45347674	1.89012864	1.97673381
1.33697691	1.58751935	1.66428742	0.88825555	1.17107023	0.75258667	0.90117524
2.77594397	2.95627607	2.95585016	2.72397978	2.91544479	3.11712518	3.34616904
2.21977132	2.13208221	2.26669621	3.22525672	3.57126542	3.27230671	3.36522456
0.02134864	1.00E-04	0.0040454	1.00E-04	0.55401652	0.26702175	0.40784746
2.92791078	3.22288676	3.2717664	2.41122829	3.00543638	3.01104326	3.15675495
3.31817281	2.29239414	2.26563373	2.85822017	3.3803814	3.01160586	3.03180389
2.68140016	2.45568391	2.63231015	1.73034018	2.09415877	2.23718864	2.26595182
0.52730612	0.17232791	0.15284847	0.27016083	0.15482019	0.10856611	0.21016339
0.13899138	0.09372408	0.16483645	0.34056063	1.00E-04	0.24159937	0.20470165
3.5968832	3.18518052	3.51699586	2.84248802	3.12364292	3.22088691	3.5051177
0.61549317	0.12803014	0.32685699	1.00E-04	1.4512642	0.70386918	0.90734053
2.46037325	2.33199745	2.56996309	0.32154962	0.41984297	0.54865054	0.6406441
1.46382515	1.17967325	1.29595412	1.3806901	0.88309431	0.58336247	1.11781624
1.33472837	0.64609035	1.01757342	1.44777563	1.6796379	1.35773739	1.32738916
2.67634663	3.71565158	3.70863607	1.33184299	1.38419294	2.28783785	1.77143161
0.78479598	0.92492542	1.03720897	0.13375011	1.00E-04	0.24501364	0.38530608
1.2970421	1.41830207	1.44601406	1.00E-04	1.31883079	1.81908673	1.94854675
1.31621452	0.8913099	0.99072197	1.0440405	0.90073026	1.08342139	1.18757481
0.17560636	0.14178504	0.16014277	0.08292943	0.1153577	0.3716112	0.28778163
1.44279439	0.94097539	1.29648784	1.43028938	1.86923368	1.33735105	1.32507178
0.04806056	0.10010925	0.15412398	1.00E-04	0.29918576	0.42040685	0.18545704
1.94944574	2.03712611	2.12859747	1.23400219	0.84223432	1.08669928	0.89866296
1.00E-04	0.06807045	0.05347768	1.00E-04	0.45679474	0.23500751	0.26827307
0.54441286	0.51684251	0.50102914	0.24812192	0.76858244	0.57077822	0.27687375
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15036324
2.36351463	2.22989736	2.30837302	2.69259783	2.67542924	2.65683021	3.11358109
1.24751681	1.03803028	0.91509627	1.71779164	1.46424356	1.31296329	1.40219605
1.13651586	0.60143507	0.59546306	0.14432545	0.55526946	0.35229944	0.53605603
1.03782952	0.80936876	0.9170411	0.84045229	1.45091507	1.68172529	1.39887047
1.07433464	0.50559185	0.91219825	1.00E-04	0.69911737	0.64598922	0.87386854
2.18439919	1.6970398	1.76799926	2.12252417	2.40305285	2.51413315	2.30734539
1.00E-04	0.02618913	0.009471	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23680717	0.9323216	1.04954397	1.51104908	2.65595646	2.50529835	2.2735949
2.91779014	3.00705024	3.03515735	2.78963268	3.2553718	3.2279954	3.21423477
1.96234967	1.39583759	1.86413595	0.23146065	0.44728265	0.86844814	1.18190035
0.79923738	0.82173795	0.87922857	0.86770331	0.45207855	0.60387646	0.49708836
1.00E-04	1.00E-04	0.01030257	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.82942264	2.154291	2.250273	2.67089127	3.10297498	2.95985397	2.8680023
0.87725863	0.62289152	0.48540952	0.73652046	1.16064192	1.7687255	1.72693653
1.4343171	1.15416892	1.23693872	1.58432296	2.79646133	2.18360291	2.38420991
0.1914449	0.03423245	0.15698451	0.44419033	0.69558643	0.28361209	0.3572243
1.00E-04	0.02506022	0.01117085	1.00E-04	1.00E-04	0.09251718	0.15460992
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.83989231	3.7903033	3.73906643	3.89521509	4.21696509	4.35738526	4.45656442
0.24227673	0.06096438	0.15339556	1.00E-04	0.32131589	0.2134977	0.14636835
1.00E-04	1.00E-04	0.00792992	1.00E-04	0.140184	1.00E-04	1.00E-04
1.58310178	1.45359537	1.72130985	1.0619838	1.61356633	1.51438376	1.71381171
0.28566731	0.11359454	0.27882066	1.00E-04	0.21860274	0.24769771	1.00E-04
1.45574383	1.27635583	1.47389548	0.91189545	1.32697993	1.33278941	1.38590389
0.27735977	0.25503411	0.23054048	1.00E-04	0.37997952	0.69226715	0.3326993
1.00E-04	0.0129115	0.03556797	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20932526	0.12015488	0.26187786	1.00E-04	1.00E-04	0.10101116	1.00E-04
1.00E-04	0.01572527	0.02413398	0.1262538	1.00E-04	1.00E-04	1.00E-04
0.24545076	0.20251329	0.12334718	1.00E-04	1.10279761	0.95152381	0.70397017
2.78921701	2.96412915	2.9422264	1.20622471	1.61408941	1.82325761	2.20745933
0.45113959	0.33490281	0.40358238	0.52042313	1.39989846	0.97934956	1.15469107
3.1620067	3.22109116	3.29220029	2.86219981	3.18907999	3.25078174	3.3139886
0.4465726	0.34042183	0.42339299	0.2851376	0.71934925	1.01768091	0.45060603
2.66865425	3.03857671	2.98325645	2.07480718	1.96839065	2.78640572	2.97496154
1.7558224	2.05880979	2.07595806	0.86330227	1.66333393	1.76265258	1.84274528
0.14973354	0.05225674	0.06545025	1.00E-04	1.00E-04	0.03567062	0.08629991
2.28001781	1.89929555	2.08814913	1.72903392	2.34998432	2.08291811	2.19696431
2.72920681	2.6950378	2.84638226	2.02968649	2.40653017	2.70276056	2.96566687
0.33285221	0.33388319	0.2814683	0.15068502	0.5956857	1.1288038	0.72320649
2.61332741	3.59726116	3.24774044	1.36648701	1.7913333	2.58088774	2.3983638
3.50329648	3.34803141	3.26426677	1.26907126	2.12271577	2.3365702	2.08462122
0.25579462	0.18851049	0.3477198	0.15889884	0.79808038	0.64314257	0.65449217
1.08917022	0.80092367	0.8611914	1.32484053	2.30060812	2.0332107	2.31220361
0.90577935	0.50952793	0.64554633	0.91205714	1.53933313	1.08218184	1.17558567
0.06504763	0.09397169	0.15265471	0.17360725	0.20641663	0.07427291	0.11584392
2.87509588	2.93784725	2.99008702	2.17829233	2.6849184	2.72922844	2.98806453
3.6132052	3.51763245	3.57380382	3.22568991	3.53282809	3.55979409	3.83091138
3.8592017	3.71703532	3.95266777	4.55191235	4.53079872	4.14163877	4.12308392
2.13853302	2.44960737	2.47832477	0.82040764	0.79074505	1.57720292	1.66421753
3.47174334	4.00745653	3.97257386	0.68301882	1.87995513	2.69882934	2.49398201
3.39419989	3.3125726	3.33433559	2.62511212	3.10592051	2.8867624	2.96550148
2.4584471	2.56664937	2.55339581	2.16895902	2.49894716	2.34637152	2.34166201
3.75709074	4.00161607	3.86336606	2.5173716	2.92460614	3.23404495	3.38446591
4.34610736	3.88473176	4.02865491	4.61717288	4.89455451	4.79419292	4.81505208
0.73547871	0.62980481	0.54390147	0.46618089	1.33054931	1.09409277	1.40608938

1.32400538	1.59096466	1.55627886	1.25932304	1.61239967	1.21042886	1.2067411
0.87002842	0.61559951	0.74045973	1.13254411	1.32072752	1.3988434	1.62787107
0.19627436	0.09523139	0.08239166	0.92517057	1.19932628	1.14127688	0.66354919
0.61420669	0.65732456	0.68863456	0.19112541	1.16380675	1.48887509	1.22664496
4.03585102	3.85719544	3.95572858	4.4909479	4.75400565	4.8230128	4.90185452
0.05529866	0.0616663	0.03572804	1.00E-04	0.12923464	0.42080395	0.59690355
3.16278061	3.43277445	3.28440533	4.38470783	4.40036111	4.65578423	4.66162271
3.18274431	2.67361901	2.87295729	3.73497787	3.84878969	3.95031785	3.98645102
0.28943957	0.47520244	0.52364891	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94381326	2.39012696	2.11558788	0.77282185	1.51577667	1.78222071	1.32068043
1.86189292	2.04920652	2.20359879	1.73842402	1.85116615	1.8365213	1.84663978
0.88335836	0.63546551	0.95206714	0.79664441	1.25470906	1.35833898	1.21066748
2.50952095	2.15558922	2.47802327	2.36676303	2.94776374	2.71584375	2.71311008
0.491861	0.3180504	0.32815167	1.00E-04	0.51255001	0.50794886	0.30511945
0.0387344	0.02461942	0.02040919	1.00E-04	1.00E-04	1.00E-04	0.04979202
0.84980455	0.82602416	0.78998887	0.32894904	0.91758099	1.20671151	1.034497
0.5890356	0.54885034	0.73512174	0.42506221	0.85524967	0.60230746	0.77069849
4.14999279	3.90493178	3.95668314	4.43649419	4.64499693	4.66104101	4.81842377
1.81296233	1.34695908	1.53427816	1.05799066	2.20825546	2.1495165	2.36934048
3.14360654	2.86987568	3.14425561	2.93908339	3.748643	3.71760591	3.62438843
0.27490335	0.08108368	0.50238502	1.00E-04	0.10553324	0.22043063	0.1746596
3.78716539	4.35560827	4.39802039	1.79131198	2.37129603	3.22013632	3.09756282
0.47376236	0.26875114	0.27666606	1.40771466	1.29753823	1.05463289	1.11542236
0.42902063	0.3829114	0.4654917	1.00E-04	0.59901224	0.29377587	0.30112015
1.00E-04	1.00E-04	0.01054634	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.96550062	5.79387008	5.91650701	4.0876562	4.10062864	4.06738827	4.13005783
3.16682541	3.14579236	3.17763221	3.31029646	3.65161715	3.54639035	3.51186917
3.09649241	2.67844532	2.72962609	5.98809159	6.0557296	5.95940091	5.94501536
0.43727325	0.48839332	0.58410386	2.67454806	2.60031614	2.39008197	1.82353326
3.05009813	2.91045143	2.98594395	3.46726029	3.49941401	3.26412181	3.31552918
3.73473611	3.89482527	3.89628506	3.18261621	3.58310518	3.72868715	3.78040245
5.33960711	4.68453497	4.85394361	6.0413181	6.32962187	6.16015151	6.27187193
1.267837	0.74160054	1.10459104	2.07886386	2.31621963	2.09957815	2.09965893
0.17967262	0.12961428	0.1082409	1.00E-04	0.26486994	0.27079306	0.41743295
3.73504414	3.53383145	3.61183952	3.91001934	4.06515715	4.04743912	4.01982924
0.18325413	0.24227655	0.28968785	0.43579808	1.00E-04	0.37934375	0.48080977
3.31491441	2.90980794	3.19011648	3.94693329	4.61510177	4.62364313	4.44518894
3.03044806	3.20705648	3.38149838	1.13731311	1.26472272	1.71986195	1.6685043
0.79336625	0.57852963	0.75248041	1.43289071	1.09295294	0.69499905	0.74999532
1.88992016	1.80962187	1.94273703	1.51953336	1.58173749	1.72822984	1.68028351
1.00325139	0.47609786	0.47159309	0.57009264	0.81177056	0.05299664	0.13301422
0.08230871	0.18256518	0.2026619	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01701029	0.00617838	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.04649051	0.06300043	1.00E-04	1.00E-04	0.13146536	0.3190977
1.00E-04	1.00E-04	0.06003446	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14338313	0.15959177	0.17696396	1.00E-04	1.00E-04	0.10912079	1.00E-04
4.81794546	5.63465451	5.32607801	1.97739577	2.62905053	3.81716353	3.1351189
0.02046579	0.0350198	0.0521641	0.15162171	1.00E-04	1.00E-04	0.11230434
1.63124868	4.09875139	5.03479708	0.22891991	0.44228175	0.69087182	1.24437927
4.79917966	5.56923985	5.43656393	2.11662646	2.43458884	3.91363144	2.83157489
0.09678211	0.02920457	0.22063967	1.00E-04	1.00E-04	0.12596537	1.00E-04
2.065764	2.64202074	2.11148424	1.00E-04	1.00E-04	1.64421642	0.85010861
0.2561803	1.14579703	0.32783618	1.00E-04	0.3164825	0.65842828	0.29651122
2.41127462	1.99969132	3.04179074	1.00E-04	0.09659492	0.29999802	0.48030291
1.00E-04	0.0304598	0.01770319	1.00E-04	1.00E-04	0.07116932	1.00E-04
1.00E-04	0.34576589	0.48705454	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91052343	1.59239994	1.78094984	2.44900757	2.55387783	2.61224645	2.28775492
0.05834297	0.14840781	0.09835901	1.00E-04	1.00E-04	0.15150588	0.0798939
0.12839386	0.05422085	0.08197151	1.00E-04	1.00E-04	1.00E-04	0.08132949
0.17498818	0.23975468	0.33600972	1.00E-04	0.45275547	0.4429132	0.51271795
3.53517671	3.74290263	2.0062306	0.80598869	1.43822885	1.52879696	0.85491161
4.350181	4.31860446	1.82832974	1.82395119	2.66162741	3.35630583	3.0660797
3.06942646	3.23356255	1.52496671	2.78157432	3.56449978	3.82807181	3.66442782
1.62393083	1.23549203	0.7957965	1.00E-04	0.24081035	0.49488772	1.00E-04
0.629451	0.24932925	0.12075708	1.00E-04	1.00E-04	0.2049374	1.00E-04
4.8145279	4.58995798	4.72977259	5.4377554	5.46899544	5.84869267	5.93061388
0.40347943	0.22220692	0.37248996	0.29822036	0.53263632	0.2831268	0.67640342
0.24594395	0.15307545	0.11128153	1.00E-04	0.12907895	0.53387855	0.13069261
0.41767285	0.33660845	0.34311675	0.66567358	1.36924858	1.13369309	0.62964424
1.00E-04	0.01042772	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49252721	0.15302467	0.32799923	0.31687979	0.63179098	0.45201072	0.2138876
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00564258	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76194828	1.10869596	1.41907705	1.00E-04	0.16093381	0.60041525	0.33620044
1.02055292	0.76103032	0.83410178	1.47691361	1.78401321	1.82844666	2.00227935
1.03226691	1.26940974	0.91812192	1.41178418	1.48465281	1.6441491	1.60074743
1.24700044	1.19419001	1.3277213	1.13448237	1.44965991	1.5562287	1.85478071
1.69034598	0.9808399	1.08637519	0.48861796	1.03885844	1.11647815	0.64836013
0.3900588	0.27534744	0.31418949	1.89512443	0.37896267	0.41437626	0.46660561
3.07403149	2.82775263	3.12667207	3.57166542	3.92759395	4.09562141	4.08257046
1.95023634	1.58577648	1.49852714	0.76831257	1.08158633	1.39205244	1.11725474
1.90284088	1.3951159	1.99441127	4.08551689	4.25928616	4.27445957	4.50665859
5.06173428	4.97869342	4.79913562	6.68438409	6.68036981	6.52191908	6.45222471
3.28827389	3.57950215	3.60808335	2.93122853	3.26651628	3.64321725	3.77356906
0.32283305	0.22611668	0.35621683	0.63118936	0.62108255	0.73825333	0.78640221
1.28323884	1.1963195	1.33307057	1.38454899	1.99570571	2.66027141	2.59264624

1.97973448	1.54408434	1.44555447	1.40918466	2.45849729	2.17456999	2.29241788
3.70120032	4.32836418	4.07685244	2.39192338	2.64421592	3.19178945	3.15145131
2.88639719	3.00596416	3.21670432	2.25833936	2.52708576	2.62383271	2.87105265
4.48267262	4.18173572	4.37866959	3.94202289	4.4034099	4.60931677	4.58298849
4.85674696	5.53887968	5.53294121	3.60524225	3.95220445	4.68949128	4.79600618
0.08376144	0.15661214	0.22236559	1.00E-04	0.25236723	1.00E-04	0.09864854
2.13576747	1.57038753	1.72886494	1.66072703	1.94094236	1.78881587	1.50547725
0.13525097	0.08830637	0.0825533	1.60148663	0.63295455	0.79491795	1.30254874
3.99504463	3.88706616	3.6880605	3.84149161	4.31621037	4.33385044	4.11886176
5.80857817	5.75727747	5.50552133	5.11285355	5.50268886	5.60078791	5.48657709
0.86381038	1.05623738	1.19651206	1.77470704	1.65690458	1.59560903	2.26642641
0.03703606	0.1117836	0.06736253	1.00E-04	1.00E-04	0.28305271	0.26156195
3.42450168	3.85266072	3.81594625	2.29472559	2.72890656	3.03574881	3.21504546
3.36466986	3.02885522	3.25381458	3.82559718	4.29496985	4.2614956	4.21661353
4.03359227	3.4687929	3.76466531	4.65906309	4.81820641	4.90678319	4.82687819
5.01629351	4.45034822	4.56558988	5.57633879	5.6780616	5.59676719	5.5254698
2.76190079	2.15058223	2.29175603	2.93468443	3.33346861	2.88804202	3.21851719
0.4030807	0.26259973	0.35483001	1.00E-04	0.31052762	1.00E-04	0.08138574
1.91699856	1.77358016	1.95187836	2.49770969	2.96632666	2.91083075	3.03374496
5.05501622	4.93471924	4.96484376	4.53355556	4.73973461	4.79919071	4.88446443
3.6753231	3.10647916	3.36720655	0.35347795	1.08456262	1.53876257	1.404927
0.12936639	0.1386393	0.14537415	1.00E-04	1.00E-04	0.28372141	0.1208498
0.28373672	0.67354262	0.96332757	0.15087143	0.61855857	0.79634088	0.72133278
1.00E-04	0.00833487	0.01041591	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00933459	0.0631028	0.77888597	0.327153	0.69190371	1.23135745
1.56372158	1.30599897	1.67141297	1.96127264	2.18760377	2.99398101	3.16151151
0.91455789	1.23147094	1.48529287	3.79786904	3.88945285	3.62541743	3.81615598
1.29897959	0.71772256	0.77776551	0.70672709	0.73126446	0.56018938	0.60544276
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05528155	1.00E-04
0.38496452	0.17149632	0.31888198	0.76288634	1.64863762	1.8026685	1.29342563
2.32823745	2.40840245	2.43349215	1.07985649	1.33568505	1.19871817	1.31735621
1.55199106	1.40252639	1.69301743	1.93241629	1.97774486	1.92091274	2.15895366
1.6034229	1.40146675	1.4669611	2.63460229	3.176084	3.21995493	3.03154404
4.51934338	4.02124107	4.44719415	2.92185493	3.30031515	2.57345361	2.98061051
4.46533769	3.78171024	3.88975404	5.42617343	5.5523582	5.43474555	5.37351679
4.52191958	4.84579132	4.70153305	3.31637851	3.78859096	4.05798976	4.06183683
4.62390555	4.97424075	4.82043292	3.00513971	3.44858198	3.94586576	4.00508991
4.37842667	4.73927	4.5888463	3.78060705	4.11474411	4.25291322	4.30767691
4.46453538	4.94160517	4.79158947	3.16029322	3.38082443	3.78172467	3.80597791
4.47276055	5.10726835	4.95920262	2.98256061	3.48782408	3.87762159	3.92860984
2.30582129	1.72735912	1.84638276	1.99485188	2.57829275	2.41534788	2.2671759
3.92315295	4.22958898	4.15461027	2.67219414	3.47654865	3.79163542	3.73682178
4.27083267	4.64457423	4.50346845	2.95105889	3.2641312	3.81072694	3.77746534

2.83937919	2.77548626	2.86440192	3.15678706	3.33333928	3.28427564	3.34440647
4.23609723	4.37686338	4.24794457	2.73906073	2.80373024	2.84412862	3.37757314
3.81386259	3.26125403	3.26409279	4.3381696	5.21481838	4.03330156	4.692093
5.40784809	5.9371759	5.86565445	2.02250151	2.02389206	3.5401228	3.0144466
4.07721828	4.31539833	4.24782165	2.32823391	2.627945	3.14561777	3.29557116
1.82495073	1.19224664	1.49813354	1.73843126	2.07051282	2.52577873	2.45297386
6.34699842	6.19759781	6.15198331	3.92042156	3.98109403	4.10623154	3.96146758
5.11186677	3.93142261	3.86860845	2.33980315	2.34848377	1.42832392	1.81210118
5.45925911	5.37593717	5.31348932	4.12416086	4.63076937	4.68233074	4.71391178
1.13055405	0.96784822	1.05038799	0.45368994	2.00095139	2.25333363	2.02077841
3.6475249	4.02016287	3.90324352	2.08066998	2.05969802	2.54029261	2.67465709
1.66014046	2.09959294	2.25519841	0.5061726	0.37782203	0.60261028	0.73743988
0.11547731	0.1373116	0.11695198	1.00E-04	1.00E-04	0.32571923	1.00E-04
2.03027353	2.95807347	3.42841472	0.36261798	0.34035438	0.40206689	0.39689105
0.2143471	1.04574214	1.66715787	1.00E-04	1.00E-04	0.07634181	1.00E-04
1.04012524	2.06042741	2.66429294	1.00E-04	0.32003435	0.23089895	0.31724468
3.48795583	3.65938641	3.41032142	1.47076858	1.00318362	1.63537282	1.71671209
1.00E-04	0.20063499	0.32762114	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52778102	0.88384962	1.2695687	4.12409449	4.34130493	4.70327966	4.82348094
0.76592361	0.31749741	0.41222396	0.66905002	0.94300394	0.46188274	1.05675356
2.17923445	2.05827116	2.85046517	2.89853366	2.59093822	2.51353725	3.37731341
0.01950594	0.89446494	2.07077951	1.00E-04	1.00E-04	0.38765106	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24187183	1.04550659	1.04174642	0.29567602	0.18746769	0.16245081	0.51727143
1.87273371	1.25793328	1.63021457	4.79766929	5.19248228	4.68105849	4.68571471
0.64027126	1.27137505	1.68356863	3.20174351	3.20404725	3.80659932	3.76476628
1.49829103	1.20429011	1.45470497	5.96820466	6.30683044	6.18577575	6.10973322
3.30677732	2.55914824	2.65040478	1.45472869	1.84120092	1.5598355	1.81202264
2.7596615	2.03929752	2.51918578	1.32190029	1.5846758	1.64980052	1.52883775
0.57364974	0.3871027	0.55952243	4.66414188	4.87102582	4.71414938	4.84766441
4.53401736	4.03734505	4.17323649	3.85986508	4.1286883	3.85360329	3.99975141
2.94000022	3.13134447	3.28455398	1.58677348	2.14932616	2.72080947	2.74095489
2.4788836	2.69345139	2.59749576	0.34982234	0.6478688	0.61014232	1.09413053
2.61154428	2.89374414	2.88739301	1.00E-04	0.83310945	1.24577518	0.60384679
0.72917977	0.09471334	0.32639226	0.26617685	0.14284796	0.03675595	0.20179787
2.34404657	2.40554982	2.49102671	1.00E-04	0.47227823	0.56379602	0.51950325
0.91903507	1.18911276	1.1412594	1.00E-04	1.00E-04	0.56894861	0.0716276
1.83920614	2.26968947	2.19731568	0.26084273	0.55078933	0.81442792	0.43551582
5.05361729	5.10399343	5.20322527	1.99961573	3.08744252	3.02620278	3.1779685
0.26994067	0.28797678	0.36566453	1.00E-04	0.10272688	0.09681095	1.00E-04
4.8916609	5.36767693	5.36238583	3.14293378	3.75122154	4.50560978	4.44552208
0.73005604	0.72547138	0.93212127	0.93564886	1.87088368	1.46178973	1.64490582
1.34439608	1.64441701	1.60636858	0.18059622	0.22908872	0.3667137	0.84462178

0.76256221	0.15143201	0.27316507	0.11926207	0.08340791	0.05012306	1.00E-04
5.96723623	5.88801227	5.77502208	3.71657987	4.02760257	4.28471399	4.11002857
5.02976634	5.56374439	5.37185043	3.36319147	3.88824515	4.48879761	4.40240164
3.10039959	1.61019263	1.53893982	3.01707239	3.80109148	3.55193753	2.65449208
0.48566688	1.38070247	1.79183995	2.5268311	3.04558844	4.24741877	4.76658439
0.71259167	0.6398837	0.82369149	4.08647578	4.19861138	4.645024	4.7272135
2.86529023	3.12087804	3.13198529	1.2266086	1.10261509	1.71281371	1.71514433
0.34723977	0.86121214	1.35871228	3.58403875	3.92655023	4.80144118	4.91853109
5.1733138	5.19350427	5.29715715	3.85703071	3.93789392	3.81818637	4.41242343
2.31766371	2.34865476	2.64865715	0.36940444	0.22965142	1.15922569	0.6747642
0.1732899	0.23160747	0.40492075	2.23282989	2.85478648	2.43598501	3.25620312
7.50531686	7.50193915	7.13199109	6.93826972	7.03703169	6.96532105	6.89140088
4.92809092	4.86748453	4.9758749	5.16670789	5.35895096	5.36834035	5.57177818
4.82026356	4.76014232	4.75152259	4.41587841	4.61623896	4.73072441	4.83116764
5.52709848	6.31647103	6.24675813	4.00316977	4.11552123	5.25348322	5.50245712
0.37971583	0.37019011	0.60418847	3.40328429	3.6339785	3.56058385	3.72780985
5.57812878	6.9575376	6.70528712	3.53992676	3.89051703	5.63317659	5.57454145
5.23395645	5.26509892	5.34762386	4.57616194	4.88693766	5.06317475	5.19459194
5.25428849	4.98069856	4.80641245	3.41666176	3.91648389	3.92797083	4.05047056
4.66282677	4.72013311	4.75189161	4.40127997	4.49708224	4.69636492	4.72911766
3.90158908	4.5688626	4.52605872	2.4737955	3.04651468	3.44587921	3.32967626
0.7928059	0.84854571	1.33040772	1.00E-04	1.00E-04	1.00E-04	0.08155495
1.16537973	0.93849903	1.24852105	5.45133579	5.76105892	5.50536508	5.58598762
7.30109446	7.73429796	7.65798127	4.27392379	4.84396394	5.92747391	5.36492116
5.85722223	5.95845668	5.92720846	3.18786062	3.96744666	4.42737046	4.29326317
4.89032284	5.31499198	4.13426341	4.71539288	5.50742435	5.65052079	5.39075698
0.31978943	0.11572989	0.12863953	0.28905887	1.1404706	1.65437801	1.70565738
0.52719599	0.28089076	0.35030525	1.85075838	2.02324744	2.13553624	2.4573567
3.090068	2.99833097	3.12471046	1.76328453	2.29202969	2.24498588	2.32831732
7.96387642	8.52682968	8.43092784	4.99985474	5.3642048	6.07732703	5.91853987
0.27283226	0.2239137	0.26773692	0.41920569	0.61578513	0.65212612	0.37364468
0.36260469	0.20059165	0.24370653	0.08764124	0.72558261	0.78024874	1.00E-04
4.70499935	4.12573918	4.1821311	3.51431351	3.88732553	3.49207654	3.8816174
6.01558596	6.1703755	5.84957466	3.04648997	3.86776066	4.44932672	4.32874302
2.68875745	2.03649327	2.02041256	3.35348853	3.47179476	3.62376958	3.79506196
5.85579972	6.19482373	5.68811144	2.91731894	3.50990958	4.02672193	3.55916798
3.53341509	3.40127096	3.93615223	4.27860756	3.7924432	4.45435655	5.00430231
4.3419672	3.89362996	4.06239472	1.40117207	1.39151807	1.84092621	1.81133776
0.48208744	0.70593629	0.86181207	3.31667821	3.55121121	4.2116373	4.10349314
0.88745767	1.05794205	1.27992416	4.12302284	4.26752005	4.71436172	4.50874731
0.65983583	0.46701944	0.58175972	1.19502658	1.37487008	0.93206157	1.42348578
5.82397349	6.32187361	6.18620021	2.97603882	3.4380128	4.36058804	4.13123462
2.84728049	3.19295943	3.51314669	1.00E-04	0.46683369	1.37713908	1.48770744

0.90963722	1.03797479	1.27476669	5.66027125	5.69439492	5.92416606	5.78161119
3.84108477	3.92116593	3.90638745	3.6083346	3.68545809	3.72509549	4.15807283
2.75856632	2.54279223	2.69417267	2.85481365	3.21299921	3.13695974	3.14935618
3.72566251	4.39383888	4.38554748	1.00E-04	1.05651846	2.51548249	1.89240073
1.99757232	1.83835744	1.82567778	1.57570662	2.15603648	2.27135417	2.25629961
2.33399324	2.03810947	2.24478134	2.69323096	3.22105523	2.98668494	3.04174783
4.22749383	4.39116329	4.31911669	3.30682445	3.36838921	3.42544545	3.64649537
3.58235483	2.94228622	3.26447012	6.09686726	5.92751515	6.21628609	6.17889269
2.90774342	2.48204571	2.66933295	3.6940234	3.76560458	3.73756622	3.75733236
3.69754974	3.50027482	3.65345971	4.04111713	4.15613551	4.09717969	4.31027035
0.53746008	0.50355374	0.67139646	0.5892168	0.8395361	1.02109552	1.42687882
0.27552391	0.07625971	0.1313006	0.44570403	0.36431331	0.27596578	0.57911323
2.60407685	2.4382372	2.53892756	2.73464551	2.99452428	3.13655908	3.19592579
0.94113435	0.77688876	0.90540937	1.21801348	1.28956997	1.28240832	1.3902491
1.2910889	0.92900649	1.15523678	2.37935345	2.64993825	2.47345634	2.55069056
0.47156612	0.32111474	0.27360273	0.41337227	0.24696829	0.5988009	0.53307072
3.59415294	3.91049871	3.91278251	1.82004597	2.4321078	3.0450088	3.31759976
4.31461879	3.84776664	4.07972836	4.48128684	4.72759799	4.74717134	4.79100709
2.90998572	3.24967226	3.11688418	1.78398986	2.05828986	2.55871873	2.57408843
3.76104054	3.97576464	3.91801497	3.32011313	3.52350129	3.7585995	3.80112451
2.71082914	2.74001756	2.86268296	2.89533334	3.08538072	3.17771667	3.35563799
3.68750575	3.8077245	3.78393269	3.22955262	3.6939524	3.92293062	3.86321671
5.56707238	5.69599867	5.65964945	5.04843362	5.42648594	5.59352731	5.69320806
3.97532468	3.33197024	3.72792105	1.89527292	1.99097499	1.67826353	2.1065156
5.11412595	4.63083197	4.70001095	2.94771184	2.91260825	2.73270222	3.03990588
0.16176337	0.19000337	0.13046473	0.62921757	0.7676399	0.59755797	0.61315311
1.00E-04	0.01476302	0.02376941	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53159786	0.42785119	0.38387022	1.00E-04	0.18470632	1.00E-04	0.26990437
4.42051896	4.83227051	4.66268739	3.4258031	3.47069284	3.95688389	4.12077176
2.37910343	2.11618767	2.01943888	1.00801507	1.0491109	0.75926564	1.00252987
0.39007478	0.30187328	0.32737066	0.22709146	0.37887811	0.13463867	0.2111071
3.6136602	3.71305096	3.76943885	2.70802861	3.01172381	3.37510826	3.60977096
6.083545	5.44212874	5.60157003	6.6012576	6.86189298	6.90055437	6.9741513
0.47546886	0.40907906	0.42397454	0.71066	1.098198	1.14405303	1.48519391
3.99893048	4.09939412	4.12719474	3.89685467	4.27482789	4.30217639	4.26178092
1.73059948	1.05090782	1.06607527	1.99862227	2.16549048	1.60201157	1.73756551
1.50960736	1.02436484	1.29893006	2.77242539	2.92137277	2.87700838	2.85876157
4.6428027	4.09063246	4.2238218	5.03470446	5.25448923	5.16459925	5.19585597
0.75742404	0.61345638	0.65377007	1.26659474	1.53824748	1.27462018	1.45229407
0.09940539	0.25888969	0.25898144	1.00E-04	0.20908558	0.31871886	0.28818789
2.21643409	2.27371841	2.38171219	2.27038885	2.57180665	2.8500277	2.73778537
0.10270588	0.09286618	0.08164372	0.12912625	0.54487	0.42650875	0.71197897
0.07903174	0.05371938	0.18405064	0.74712204	1.15770503	0.7855408	1.33644767

1.44770582	1.91672346	1.87379718	0.17377226	0.36494778	0.59862734	0.82560587
0.8018443	0.89463318	1.09038287	0.51543488	0.8100458	0.78407736	0.91284021
2.43275406	2.47037898	2.86571898	0.96361798	1.5088658	1.45752826	1.77837393
1.00E-04	0.02026464	1.00E-04	1.00E-04	1.00E-04	0.05932453	1.00E-04
5.64159817	5.58253368	5.57878177	3.56712764	3.27628529	3.30474572	3.27625742
0.03944683	0.01405181	0.05032154	0.10092195	0.13531457	0.13878566	0.10093367
0.29285722	0.0934911	0.18795491	1.00E-04	1.00E-04	0.36993418	0.26900324
0.69840429	0.59683181	0.80357574	0.89000975	1.20141665	0.62915284	0.66398329
2.38795143	2.20786506	2.3073131	1.22390673	1.00124233	1.26942737	1.27943101
0.05438338	0.01398764	0.02046226	1.00E-04	0.15031585	0.21655389	0.08014783
0.06211146	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05954436	0.03506652	1.00E-04	1.00E-04	0.07573558	1.00E-04
0.52038896	0.37509965	0.41472689	0.44403796	0.88815351	0.61506768	0.85086334
1.00E-04	0.01002594	0.02382603	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18289383	0.17774869	0.19283205	0.12864976	0.40239171	0.14157944	0.12517383
2.7588974	2.46413942	2.77897223	0.47865091	1.18720641	1.38339561	1.10562731
0.05756605	0.07593026	0.06568337	0.27092582	0.82295666	0.37894553	0.39729951
2.88756886	2.14265993	2.77168561	1.36637514	2.03613066	1.84516544	2.03193906
0.16710874	0.15328873	0.19255994	1.00E-04	0.23672231	0.36740459	0.27349304
1.51477919	1.20626198	1.43676818	1.57654609	1.95384907	2.12875043	2.09308727
0.66176594	0.24277981	0.25579232	0.29186246	1.13305041	0.71779307	0.45452204
1.21573638	0.6309781	0.52614296	0.28827656	0.69056464	0.54926309	0.68804287
0.01515588	0.02194507	0.11802819	1.00E-04	0.07160198	1.00E-04	1.00E-04
2.81334523	2.81658977	3.29186105	2.03407609	1.93722239	1.96728505	1.84784797
0.34982257	0.20724064	0.28576108	1.00E-04	0.29325873	0.68312669	0.42170821
0.45221003	0.24721146	0.22279741	0.36104208	0.61687521	0.72073723	0.65589014
1.00E-04	0.07278022	0.08749667	1.00E-04	0.35189569	0.17129011	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18332345	0.05354974	0.05409498	1.00E-04	1.00E-04	0.0388359	0.11941173
0.09587614	0.11815729	0.15410057	1.00E-04	0.48778939	0.40230647	0.53846689
0.45684297	0.31574793	0.28015149	1.20676247	1.02887265	0.9440508	0.90337211
0.20051943	0.11986987	0.14814535	0.16373565	0.08553696	0.12111982	0.13984141
3.61546828	3.45974077	3.50997609	2.66254824	3.10875364	3.32448379	3.22657143
2.70052005	2.91364812	2.89950159	1.55113641	2.23910916	2.45775854	2.7154603
0.46118604	0.49822672	0.56032559	0.35266718	0.8431593	1.38122508	1.79899508
2.76959307	2.53383254	2.59659118	2.4694915	2.72044299	2.79701091	2.91762295
3.98704438	3.86323888	3.88629747	4.08948864	4.4333082	4.43166069	4.47537971
4.64053452	4.26572635	4.19762315	4.72983112	4.98249301	4.8091112	4.80032829
5.26629934	4.78328298	4.9066044	5.79655439	6.02245497	6.00488923	6.01816098
6.13399371	5.56737	5.70046115	3.0528218	3.50569999	3.02215485	3.40868914
0.33722218	0.34213077	0.38374657	1.00E-04	0.44196597	0.11688155	0.59233206
1.79233246	1.76384565	1.75286017	1.99667389	2.32262683	2.03227608	1.90168758
4.6891253	3.86010583	4.3231315	5.83590551	6.22448025	6.04089915	5.83050897

1.9104034	1.68264982	1.64361308	0.17913609	0.24672158	0.67696489	0.40028151
4.50833874	4.17158248	4.17337052	4.52318827	4.73949758	4.73810698	4.67861982
1.6958792	1.51035485	1.74295394	2.40805128	2.77616516	2.15396764	2.68410885
0.80870446	0.63947321	0.71945382	0.20604149	0.77568032	0.75835162	0.83366422
3.13172778	3.70715735	3.66567436	1.26426617	1.85255411	2.36118612	2.43600088
2.79250327	3.3870185	3.31645932	1.26121139	2.04035683	2.70961875	3.01573303
3.01567614	3.35450646	3.33223895	2.02566536	2.40572446	2.26506007	2.39112418
3.31518283	3.73931485	3.65535126	1.14442786	1.62317461	2.13156065	2.30042071
2.11888947	2.48618274	2.40653116	0.23146065	0.5472361	1.05404394	0.7627319
0.51950224	0.41412326	0.26044279	1.0699354	1.04624517	1.53062039	1.6039032
2.7294554	2.49007407	2.71500044	3.3901671	3.52679485	3.39543832	3.50133436
3.65167137	3.27508617	3.32083363	4.45841214	4.62196893	4.47339454	4.39627473
3.31323669	3.50268185	3.48248676	2.27648621	2.73494442	2.91923047	2.97208862
3.55965578	2.70995754	3.14177354	5.2490153	5.7048092	5.40455166	5.84536317
2.94822273	2.66736351	2.8850992	3.22328957	3.66000795	3.68497471	3.81196638
4.37265706	3.75363343	3.82693875	4.53817718	4.85410944	4.69067416	4.69622566
2.68329355	2.83931841	2.86425495	1.91852653	2.19084823	2.33802823	2.61943765
5.39761907	4.70703745	4.85442386	5.89243105	6.18934743	6.07002674	6.01198823
0.63546669	0.4524786	0.45638343	0.9340318	1.01367722	1.28368944	1.09387831
3.11926708	2.29016544	2.1266165	3.71196049	3.88285623	3.65950186	3.33510446
3.66193119	2.98314786	3.26854055	2.84948217	3.3383002	3.10216966	3.06225184
1.42380255	1.65056155	1.56307791	0.54673663	0.97039691	1.12760418	1.04115637
2.54339997	1.92053361	2.09125495	1.8882465	2.36977146	2.2535328	2.42938571
3.91261434	3.68380978	3.80818356	2.18416143	1.95238114	2.00294281	2.04524978
2.94872771	2.90062985	3.0962277	3.50901068	3.61222981	3.74410547	3.94701961
0.81260006	1.02220261	1.23315264	0.47298754	0.39097509	0.71417903	1.1262788
2.21357912	2.30161237	2.37651647	1.59092659	2.16746053	2.42296808	2.48329684
2.5460923	2.92483137	3.01421394	2.12117921	2.73017174	3.00508179	3.17340266
0.45665812	0.45689631	0.44000455	1.15004324	1.21219088	1.42099876	1.49823655
1.12754464	1.56338355	1.94256061	1.11289398	0.54135584	1.31938158	0.99604875
2.16796732	2.22164396	2.27018323	1.0939263	1.37272924	1.76396181	1.98467824
0.99932778	1.02065325	1.08177954	0.99224697	1.48591402	1.88949321	1.73446083
0.28801019	0.28361788	0.2614483	0.48353794	0.31874034	0.3605578	0.41334895
0.52481631	0.42139483	0.38917196	1.10803637	1.15129985	1.07208999	0.70891604
1.28133056	0.78950697	1.12466355	2.42539911	2.30238346	2.15062732	2.36307233
1.50648051	1.75555463	1.71971168	1.08544162	0.99889992	1.37448706	1.23766342
1.28878915	1.30841929	1.57987116	0.27816774	0.75699463	1.22259697	0.80794465
1.05355132	0.76933599	1.03194414	3.30610584	3.44448625	3.32189983	3.51063966
0.49665868	0.30355373	0.41296527	0.15408014	1.00E-04	0.25087634	0.52220285
0.8211463	0.59962602	0.41900028	0.33083071	0.30240208	0.3626063	0.54215404
1.00E-04	0.00887096	1.00E-04	1.00E-04	1.00E-04	0.10366249	1.00E-04
0.02904167	0.02430196	0.0764239	0.31971905	0.22755476	0.09026479	0.13412165
1.78051782	1.30860546	1.53370957	0.67184456	1.603013	1.30489871	1.72497414

3.23467009	2.8031924	2.94539585	4.1984254	4.3315956	4.2039889	4.18509454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07892658	1.00E-04	1.00E-04
0.27851077	0.4609351	0.48871128	0.18600402	0.53015091	0.59488245	0.89154519
4.99320508	5.13586081	5.11679855	4.08529493	4.3057261	4.51006265	4.63783062
1.00E-04	0.00977824	0.11405364	1.00E-04	1.00E-04	0.27002885	1.00E-04
4.55453973	4.05043052	4.20510272	4.81648966	5.06000586	5.02775313	4.8976836
2.94521812	2.40744422	2.70814246	4.73545207	4.83689589	4.732193	4.76235335
0.76832789	0.53754141	0.81757356	0.42900961	0.88706085	1.14001893	1.15700419
1.00E-04	0.01028515	0.02496912	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1626083	0.10894158	0.32319893	1.00E-04	1.00E-04	1.00E-04	0.37104625
1.04563841	1.22715636	0.99165914	0.39666826	0.29228615	0.5880921	0.42171792
3.67008668	4.30702582	4.30240535	1.7071388	1.15327521	2.16575217	1.7159169
0.03065946	0.04468313	0.05212589	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31559998	0.07104888	0.05095798	1.00E-04	0.31532862	0.18361228	0.10840575
0.50712695	0.52605177	0.53046647	1.00E-04	0.63866028	0.18822645	0.60768932
0.8158717	0.66111713	0.28251944	1.00E-04	1.00E-04	0.12085358	1.00E-04
4.97456136	5.39571663	5.36619847	2.20959777	2.25727605	3.30728262	3.14414958
6.42796722	6.92010869	6.73384707	3.6311032	4.25730324	4.98657013	4.81131059
2.96730552	3.6468343	3.7720418	0.96935493	1.17631794	1.64518506	1.51365563
1.57043063	0.91334939	0.67265743	1.00E-04	1.00E-04	0.41585072	0.20809019
3.39787482	3.58548807	3.62223288	2.65894013	3.2480089	3.1306729	3.29775547
3.8467276	3.99545881	3.87939161	3.71333205	3.94653638	4.09921421	4.08121015
3.04279011	3.48020637	3.39316618	1.7760579	1.9208951	2.65719349	2.50950244
0.06981663	0.18525377	0.15814906	1.00E-04	0.69909908	0.42866458	0.56700913
0.02627989	0.00881928	0.00646436	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.23260527	4.67563148	4.84943992	5.7865942	6.12763484	5.99930847	6.11338613
5.77770685	5.22067856	5.31609851	6.663753	6.96382953	6.95912404	6.82482443
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08752684	1.00E-04	1.00E-04
0.23193034	0.15471484	0.16380717	0.12560403	0.69414404	0.98770071	0.46660645
0.37627194	0.34270443	0.32090575	0.67958899	1.35678156	0.85563429	0.81950031
2.67081791	2.36184785	2.38459651	0.79907746	1.54461562	1.24798907	1.4954722
4.27351424	4.191051	4.10885756	2.01040976	1.92775254	2.15764695	2.33913695
0.37777256	0.35429828	0.35219589	0.83127851	1.13726408	0.90081025	0.49266239
0.04295145	0.03103739	0.04054381	0.13540772	0.56359911	0.18041309	0.16188195
3.69170798	0.77078851	0.72206746	0.56360466	1.02516811	0.26202804	1.004321
3.0219715	2.76487257	2.76648719	4.1685737	4.26402157	4.20930432	4.17496249
0.33042015	0.11150136	0.15682298	1.00E-04	0.43515422	0.03434052	1.00E-04
0.04144233	0.17111319	0.18263415	1.00E-04	1.00E-04	0.17290499	0.20129622
1.03555193	0.73206743	0.8440147	0.78245417	1.36381918	1.01722531	0.84580201
3.04976495	3.11611395	3.26157386	1.42533526	1.90542515	2.38090695	2.62782696
1.21130526	1.39613585	1.55832705	0.41779149	0.14458335	0.79733932	0.8481582
3.99077125	3.66303017	3.78203616	4.63263604	4.73392083	4.70152704	4.73677755
2.53347754	2.8915805	2.75525311	2.94277237	2.72111265	2.78944338	2.79556474

2.17506376	2.11878121	2.21660911	3.21506567	3.19177938	3.22008277	2.98112538
0.99049354	1.22804885	1.11074449	0.3827511	0.42262904	0.51670179	0.3049504
1.30102328	0.74635471	1.06557606	0.96236973	1.36078179	1.37200006	1.57189947
2.79026229	2.15020881	2.12690283	2.34260825	2.77148747	2.26910404	2.23531854
2.20526208	2.23846574	2.33234278	3.5268528	3.46513633	3.76886131	3.96979091
1.12953343	0.69645361	0.93096957	1.51218141	1.9360474	2.07042003	1.86217615
0.82724189	1.17178804	1.18525283	0.68609175	1.27240895	1.01176445	0.97685424
1.3784161	1.20804043	1.41367431	1.00550862	1.08836669	1.94850805	2.17612485
2.1964928	2.54513531	2.61104903	1.28584382	1.88843191	2.29662534	2.16824717
2.62560339	1.99189401	2.17900212	2.15169818	2.3331728	2.29967841	2.30736494
1.69344836	1.93231786	1.87909199	1.26608633	0.99132179	0.94464485	1.05394851
1.30926763	1.32892149	1.19260729	1.3713352	1.53025255	0.9023732	1.60708909
3.16718085	1.74300588	1.84291511	1.65665593	1.79281364	1.66441655	1.74262428
3.44942644	3.95725383	3.81825498	1.51580487	2.07063283	2.73732145	2.22466934
2.11889042	2.95965619	2.83198277	0.40677613	1.29909454	1.39271736	1.14809339
3.32748762	3.55555767	3.63503388	2.16053706	2.7574476	3.27153655	3.51875944
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4.58161162	3.79029979	4.04363184	3.96146169	4.19754002	3.84582824	4.37947697
4.49560519	4.34531684	4.17113587	4.57185722	4.69059235	4.7381881	4.88195009
0.98060123	0.39379995	0.40602468	0.63668204	1.7603801	1.03953194	1.33108725
4.04185525	3.44894576	3.51358548	4.70549969	5.0221367	4.85163162	4.79560763
1.33057521	1.28785435	1.39721695	1.61190342	1.89711839	1.7395603	1.97933413
3.32725138	2.70565177	2.99548365	3.83421153	3.98614267	4.04531252	4.06092615
1.99492065	1.93016262	2.16330571	1.99659588	2.36755343	2.51471383	2.52772517
3.96672115	3.54931314	3.70772731	3.60419664	4.00857387	4.03031622	4.09404547
2.7524578	2.55257408	2.59076059	3.16975983	3.59591277	3.50872887	3.58723922
5.52506411	4.85507216	5.07337291	4.69719535	4.93679053	4.90860862	4.98660423
1.64418386	0.86338193	1.01917573	1.09537638	0.69375987	0.88057286	0.7566642
2.63276673	2.72827293	2.67894196	2.36444012	2.81934888	2.76221594	2.84347882
3.94902379	3.36953553	3.4992543	4.62947905	4.73354868	4.67477226	4.60406874
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3.6768952	3.35603289	3.43388269	4.2082454	4.11619263	4.01643471	4.24289839
0.57138828	0.37845886	0.45676539	1.00E-04	1.00E-04	1.00E-04	0.01438582
5.20658941	4.72639633	4.86589952	5.26471908	5.59239069	5.57040659	5.53617808
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2.39305122	2.44410796	2.5137313	2.71113693	2.7034713	2.75970106	2.67286794
0.21072022	0.12823625	0.13419198	1.00E-04	1.00E-04	0.32914957	0.40052931
3.70570026	3.41234248	3.51093249	4.01750997	4.33971522	4.30028512	4.40513141
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1.61247271	1.44533007	1.67668612	2.00640657	2.37497174	2.30383121	2.20566609
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0.33174692	0.1478351	0.06416323	0.140637	0.27685502	0.23161967	0.06093547
4.50495448	4.22405907	4.47408761	4.61130376	5.00693194	4.82305946	4.55495012
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0.08630315	0.10834491	0.14495403	0.33892368	0.48316737	0.55916378	0.44971031
0.05589554	0.16584045	0.12946533	0.37952115	0.71854663	0.57570038	0.6404343
3.12661497	2.87514184	3.00368222	3.41577133	3.65438778	3.65517269	3.70417778
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2.11028154	1.67648742	1.74742548	2.16475232	2.19985923	2.04924123	2.13356968
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1.00E-04	0.00435303	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.02409552	2.33683594	2.34040886	1.59097718	1.65822794	1.9503612	2.14786283
0.71587131	0.39710909	0.5462375	1.51261943	1.41496922	1.91867836	2.22411523
1.60159487	1.16619915	1.40128783	1.06783498	2.26296245	2.18300308	2.31365788
1.02803784	1.00097056	1.02657426	0.89716447	1.74933479	2.06709217	2.19264453
0.75127658	0.65293369	0.5650277	0.48628391	0.57412291	0.95952016	1.63945707
0.21874521	0.31754923	0.33158777	1.00E-04	1.4914354	1.28885271	0.94938305
2.2097441	2.22700825	2.34838016	2.04533788	2.22273921	2.50084411	2.6242938
0.57727577	0.38313799	0.36635219	0.53354513	1.09497532	1.11911968	1.09083724
0.50520023	0.29381867	0.37943737	0.3697679	1.28992982	0.81505899	1.02484135
2.97411435	3.11493441	3.11896041	2.86920004	2.84241889	3.14270924	3.08166726
3.74523287	3.95166191	4.05810847	2.54229996	2.99748671	3.04578399	2.90748592
0.10017393	0.26174617	0.31235641	1.00E-04	1.00412364	1.15179781	1.03877765
3.42764295	3.92255229	3.86137121	2.88814676	3.17006216	3.44367422	3.46794451
2.95039045	3.38038918	3.32794544	2.27867512	2.77014318	2.77549779	2.88531249
1.16671991	0.8000929	0.96462172	1.12042979	2.26511037	2.07566719	1.91684578
2.18229811	1.71551885	1.93719725	2.42971286	2.87973776	2.39698745	2.89880529
2.00658348	1.73741309	1.60690454	0.96700559	1.86716701	1.8456132	1.88238663
0.19421384	0.06817403	0.05716038	0.37486853	0.3128777	0.22134831	0.18401764
0.66601933	0.25960326	0.43902673	0.92668386	1.38276122	1.20490805	1.18833097

0.63379108	0.35645743	0.3966947	0.35825035	0.88777619	1.1048508	0.84147243
1.54778764	1.39258274	1.48254455	2.1108312	2.57842003	2.34237825	2.44849669
1.0756116	0.72984118	0.94799668	1.10640222	1.93517046	1.10227653	1.84799784
0.39412384	0.34222587	0.42450369	0.1731961	0.95897764	0.69465947	0.95827396
0.16847226	0.24538593	0.07474098	1.00E-04	0.75292022	0.69187731	0.2242715
0.83670603	0.53690543	0.66496236	0.42060977	1.31467936	1.05434442	1.22485029
0.42087972	0.29964916	0.1865695	0.33995556	0.56621541	0.75212917	0.62535741
1.68838283	1.1651298	1.30117476	1.58473337	2.0963082	1.79035961	2.19477348
2.93929736	1.82939658	2.36872363	2.16303625	2.71285299	2.56046334	2.6727625
0.73495245	0.80368164	0.98999283	0.63786753	1.61015768	1.66211419	1.82939783
0.74990922	0.51145844	0.30774942	1.0344101	1.20108838	0.74129457	0.78626979
2.44650725	1.9982147	2.39836111	1.89481943	2.73233503	2.61113908	2.6094193
3.58024919	3.58118836	3.54513516	3.62492668	3.80013562	3.86960572	4.08400545
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34910748	0.29805013	0.30309206	0.37255586	0.05276618	0.24557102	0.54346963
1.0723475	0.89089444	1.10739874	0.55312708	1.85483296	1.78084678	1.95753493
0.20595189	0.09233078	0.10773856	0.12172032	1.00E-04	1.00E-04	0.20060956
7.45147738	8.16710504	8.03162275	4.3764924	4.74169189	6.05716685	5.42923959
5.07446062	4.9462523	4.91046893	5.03989494	5.23608773	5.25649084	5.22340086
1.22958945	0.52823507	1.05490281	0.7097739	1.33067476	0.87149391	1.23904898
0.0822477	0.01260302	0.00936696	0.58483096	1.00E-04	0.04853196	0.15519525
3.18050337	3.12857939	3.37590139	3.19954835	3.53127943	3.52101634	3.81439636
5.9263812	6.45296712	6.39302074	3.46492342	3.97083518	4.66310561	4.68914562
1.91842317	1.65000987	1.47415748	1.25144325	1.90748561	1.82598419	1.88513233
4.93705616	4.48816147	4.39270663	4.66083073	4.99892357	4.82952966	4.99521434
3.33998649	3.95252055	3.56031144	1.22614793	1.05736707	1.85684495	1.79890059
0.14693215	0.1202539	0.32463088	0.34339245	0.64704807	0.35910512	0.28372083
1.00E-04	0.06660544	0.30875642	1.62911041	1.20024927	1.25311898	1.69256489
3.95243489	3.61147509	3.5310661	2.8565968	3.22610757	3.03339998	3.26419042
0.37363064	0.69207551	0.76595495	1.00E-04	1.00E-04	0.22075522	0.3963469
4.09336232	4.42451345	4.25812023	3.24041458	3.4157625	3.89543755	3.91671191
0.41706827	0.33464965	0.44973861	1.01590609	0.44984148	0.21808823	0.6111858
3.82283073	3.88203883	3.97443676	1.71781917	2.36803061	2.25071463	2.86878453
0.60889889	0.39997222	0.54560611	0.85101377	1.19061079	0.62354343	1.38166638
2.64495415	2.6580812	2.75074353	2.27954475	2.68404384	2.86297866	3.03110636
0.02904167	0.05507521	0.11041937	1.00E-04	1.00E-04	1.00E-04	0.04716535
0.13701594	0.01623718	0.04727227	0.85948815	0.18568067	0.37988823	0.84629934
1.22454159	1.30914389	1.28992677	0.62283719	1.26647554	1.65697332	1.37151181
0.09106019	0.06752581	0.12350896	0.17675445	0.33213382	0.37999855	0.25864554
0.66865282	0.50468671	0.53716408	1.06691553	1.23339905	0.96033921	1.32933507
1.35710592	0.91051454	1.08755261	1.50842868	1.82672647	1.71613081	1.76472436
1.41923043	0.76287081	0.84861567	1.84555869	2.10317253	1.78654411	2.02186564
2.48507196	2.30345993	2.41570857	2.67662505	3.10695222	3.06436983	3.12136794

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4.54046884	5.1192645	5.09280777	1.45063329	2.58276211	3.42068194	3.31285054
2.41658584	2.53727635	2.60782838	1.98148239	2.42880844	2.42899799	2.42603622
4.89779109	4.37355611	4.39943856	4.99307043	5.29358531	5.12169396	5.09842158
1.82940676	2.06341112	2.08734393	1.15665003	1.11926399	1.4355934	1.47656776
3.00634258	3.3850795	3.32945708	0.94542502	1.76560298	2.24938501	2.04131258
3.40986769	4.004777	3.92601989	3.61078028	3.89490341	4.20918804	4.00412435
2.49155207	2.9859825	2.92611755	1.95761052	2.67586268	3.0035036	3.04267134
2.34263915	2.89419422	2.95069911	0.81613386	1.21348365	1.68306242	1.67759532
4.95342152	4.47921649	4.54752337	5.13516893	5.32978383	5.35248409	5.25179969
3.51326438	3.24322799	3.45032751	3.86645489	4.17878896	3.99607211	3.99391037
5.76246329	5.28441747	5.48309828	6.33072218	6.61196573	6.50784203	6.56497136
3.41749278	3.32788438	3.54153238	4.73572748	4.64684273	4.72950294	4.682951
4.73006369	4.52867684	4.61575884	4.14470359	4.52207272	4.38337717	4.25319631
0.30578547	0.15864794	0.09825769	0.84431083	0.64026426	0.17189108	0.31841921
4.46461929	3.81587126	4.12315727	4.96505943	5.23902458	4.92459046	5.11466727
3.01296678	2.15997097	2.68116268	4.25648108	5.22488404	4.43709408	4.32689271
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5.44137321	4.89901392	5.08117464	4.83878229	5.14794853	5.23831563	5.1881995
0.85979436	0.80100476	1.23772379	0.25085779	0.62244942	0.73916695	0.33047584
2.6847336	2.35235904	2.34089733	3.12928313	3.54964689	3.33419452	3.20847339
2.82615605	2.63689325	2.85237523	1.79977808	2.4806895	2.41151352	2.4559802
2.74637723	2.3970925	2.5400521	3.27586729	3.42093244	3.4076562	3.18036523
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0.48135382	0.23488535	0.27415494	0.07371875	0.20453137	0.06388573	1.00E-04
1.00E-04	1.00E-04	0.0307967	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.87839363	2.56084675	2.19949824	0.87723428	0.58446802	1.66966197	1.56340796
1.60286187	1.11543124	1.48566556	4.25377878	4.27857141	4.26470056	4.32403693
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4.22049846	3.20174083	3.5200684	3.18328318	3.55998377	3.40824357	3.29967749
2.92618639	2.93580197	2.99451409	2.09933962	2.96117855	3.24698592	3.18680646
0.35684671	0.13948115	0.37421981	0.54273509	0.69654366	0.16210456	1.04990014
4.10329982	3.65997146	3.77669996	4.33395968	4.60278577	4.51828746	4.51516406
1.58276664	1.50215775	1.59201483	1.53191005	1.45063791	1.37633795	1.53629189
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2.86846803	3.2763647	3.16917527	1.88478031	2.15273462	2.44248098	2.44081922
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1.94213905	2.24002768	2.10502155	1.37116393	0.94991752	1.27139867	1.26538945

4.12459668	4.43259708	4.53243796	2.99409557	3.44218698	3.94787988	4.00602373
4.57040888	4.62408075	4.56587311	3.38373945	3.53084674	3.56992746	3.57724948
0.23004379	0.04202379	0.10892241	0.4195329	0.38303568	1.00E-04	0.07030128
4.62515974	4.53453037	4.48646389	2.80646839	3.43599533	3.64033434	3.81993785
2.53070021	2.58268109	2.56568107	0.97642248	1.66421697	1.77426932	1.88055652
2.68783405	2.72679633	2.85047999	3.36089783	3.3307894	3.29459782	3.46600595
0.44190315	0.19201765	0.31441363	1.69387027	2.02697308	1.87055841	2.11965626
4.5206653	3.61304006	4.46951417	5.64397801	5.52991606	5.55428432	5.9168796
0.04776479	0.08320878	0.0689342	0.1258415	0.10458089	0.31677512	0.32634713
4.28861131	4.54671148	4.18952422	4.06150309	4.35502001	4.57934995	4.4620492
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1.00E-04	0.018848	0.08076846	1.00E-04	1.00E-04	1.00E-04	0.31360589
0.89240662	0.79519325	0.82335953	1.33018037	1.17083462	1.49806119	1.46395647
1.80571254	1.94358644	1.97459406	1.31264363	1.67928846	1.87481797	2.00648678
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1.00E-04	1.00E-04	1.00E-04	0.23338503	1.00E-04	1.00E-04	1.00E-04
0.49066321	0.29102292	0.33482841	0.10099152	0.25094441	0.13402268	1.00E-04
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0.68052488	0.3689345	0.32219748	0.43951436	0.49204158	0.33366774	0.21740698
0.02811406	0.008835	0.0136374	1.00E-04	0.20260313	0.11069204	0.24303183
0.76770559	0.30638196	0.59195649	1.91911491	1.60061041	1.61972914	1.71363022
0.29357592	0.20488371	0.13912799	0.1135304	0.33077602	0.30519462	0.2193473
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0.21601014	0.45028463	0.4841127	1.00E-04	0.05846802	0.16978516	0.08678789
0.90643666	0.53389508	0.35490239	0.97323639	1.16999898	1.06673473	0.49771467
1.00E-04	0.02344406	1.00E-04	1.00E-04	0.14346979	0.13888541	1.00E-04
0.06907953	0.02968296	0.0630564	1.00E-04	0.3452761	0.76175128	0.28431714
0.62833644	0.7281536	0.59387941	0.51502364	0.51665402	0.52422642	0.59309336
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0.40181148	0.04287675	0.03662355	0.1135304	0.36099935	0.17526532	0.19215286
1.01563879	0.43285685	0.62422501	2.51468953	2.65239977	2.1100164	2.68331557
2.75889485	2.97442556	2.94306046	1.01810831	1.41501798	2.04734142	2.24917637
0.43942561	0.16825943	0.32124123	0.3508223	0.59393076	0.78184326	0.75564915
0.14349903	0.06115221	0.03521811	1.00E-04	0.25776491	0.17767928	0.50974103
0.21215642	0.06363811	0.19837379	1.04026725	0.66558998	0.57341416	0.99660524
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1.00E-04	1.00E-04	0.01340108	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00245359	0.66303903	0.64802925	0.45312433	0.75753123	0.53147207	0.75824312
3.56182603	3.60293766	3.67441038	3.58015502	3.81241824	3.86985836	4.06410701
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4.21010202	4.34447668	4.40678924	3.30668164	3.93998924	3.96255602	4.04217511
3.0101095	3.38827566	3.49505734	1.52947904	2.34421109	2.82182588	2.8114593
4.16132418	4.57267369	4.45241697	2.47081078	2.90270985	3.37799079	3.3471981
4.40006298	4.85048357	4.84398055	2.18930039	2.81929483	3.36285818	3.39393942
4.11784488	4.31227787	4.58169354	2.83251429	3.65224919	3.7926831	4.25487524
1.04200007	0.70678733	0.81807412	1.91144391	2.10416725	1.90181294	1.92536403
0.09255351	0.03325016	0.06231924	0.13256333	0.08879527	0.1247501	0.0763354

4.76158125	5.10303758	4.5107658	2.7459179	2.95753711	3.44824343	3.3172464
2.22933878	2.70000197	2.38817503	1.00E-04	0.09046211	0.54001393	0.57206117
2.88840776	2.65915953	2.77166097	3.29420337	3.55872181	3.37725198	3.43352334
0.97391518	0.65257188	0.80201199	2.05476701	2.52068861	2.47908514	2.19036608
1.65982728	1.56115715	1.55857415	1.44768161	1.64983785	1.69795827	1.72390201
2.86973637	2.79863519	2.93938689	0.78756717	0.94900092	1.26097196	1.5562898
3.8941758	3.58711068	3.74670232	3.9931661	4.39144205	4.24518933	4.29936968
1.55920042	1.2044948	1.17322002	0.27408614	0.5291	2.12589197	2.17236027
3.88161027	4.41612988	4.59228113	3.77400572	4.26401223	4.39355384	4.56211188
1.02249177	0.63223078	0.5936753	0.97072797	1.994655	1.79944866	2.06402141
0.36432218	0.20305597	0.3391182	1.00E-04	0.57935579	0.88053314	0.66182363
3.96408181	4.25695012	4.04778143	1.62981091	1.7376543	2.64890017	2.20201133
3.57913764	4.34947372	3.93838148	2.06147278	2.27064724	3.10819137	2.77556443
4.72473065	4.05582156	4.16171959	5.44585578	5.67924671	5.53166268	5.40687811
5.30857926	4.75686721	4.92433162	5.25130209	5.4994038	5.43754753	5.40023067
3.83632062	3.34761564	3.5952037	2.98693374	3.37025542	3.07277124	3.40770951
1.03136485	0.63127583	0.88745691	0.86292842	1.43568859	1.23839254	1.01196789
0.68115592	0.41528966	0.86808222	0.51352819	1.27850276	1.00823993	1.72296852
0.69953529	1.2950169	1.75275121	0.30599643	0.89305321	0.74199392	1.25473277
3.04625565	2.8228578	2.96058749	3.05994821	3.40229734	3.35114313	3.47518939
0.47694131	0.23335823	0.19930423	0.15118314	0.58975945	0.33527653	0.40844192
0.11556627	0.0682364	0.1387824	1.00E-04	0.09953183	0.35631983	0.26298531
1.13898008	0.92567102	1.11820156	1.29058574	1.85561414	1.54448364	1.16655942
3.90218259	3.6788695	3.76447528	4.01615608	4.1612971	4.21249837	4.14092593
3.29325373	2.82435709	3.01916198	0.86315795	1.21378263	1.19271526	1.28125457
4.38204494	4.11206829	4.14038637	2.51500357	3.15686049	2.60713628	2.92263606
3.7266127	3.24858922	3.53713099	2.98972215	3.35780248	3.21943521	3.50545865
3.62201062	3.30691544	3.56780688	3.11517897	3.23069172	3.26664071	3.30309295
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94535377	1.73533182	1.7215768	0.21283837	0.16376478	0.23725488	1.00E-04
0.02362414	0.05390821	0.10967013	1.00E-04	0.13238842	0.17472281	0.11565406
0.18402205	0.16795466	0.14250406	0.28657035	0.76746399	0.54252621	0.21978765
1.08908808	1.17992012	1.30407922	0.90757999	0.78802409	0.70307863	1.08637876
0.07457974	0.01906311	0.08847213	0.50004444	0.16980447	0.07801542	0.15664345
1.73987364	1.4733962	1.67116768	1.29472134	2.4415138	2.1421775	2.30970546
0.3280254	0.08279844	0.19912902	0.2995708	1.00E-04	1.00E-04	0.15833206
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2636038	0.02274962	0.04411087	1.00E-04	1.00E-04	0.06450787	1.00E-04
0.19578651	0.07479464	0.0464291	1.00E-04	0.15229314	0.20655548	1.00E-04
0.56000434	0.41474344	0.56322371	1.00E-04	0.24504768	0.16574228	0.48938314
0.25742897	0.18041636	0.15212548	1.00E-04	0.3803991	0.4518951	0.67212445
1.00E-04	0.0241836	0.00728138	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50707267	1.49041833	1.37768198	1.00E-04	0.37952278	0.90993464	0.80875973

0.06352332	0.06143115	0.06076527	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16516373	0.09006851	1.00E-04	0.38303086	0.93378052	0.55559557
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69131915	0.55478864	0.60979921	0.40536114	1.05601577	1.33570855	1.43523695
1.00E-04	0.08262917	0.05748311	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00819619	0.04218732	1.00E-04	0.25207802	1.00E-04	1.00E-04
2.28923269	3.10199602	2.74898919	0.23021954	0.9092855	1.67754054	1.13462847
0.12103593	0.13979264	0.10196021	1.00E-04	0.2411312	0.53680808	0.75026132
3.01083628	3.06544758	3.13100132	2.74274208	3.16017062	3.38730666	3.68761417
0.8183583	1.38029445	1.21885674	1.15002428	1.15567606	1.88919452	1.91210021
0.56253961	1.67670118	2.43296922	1.00E-04	1.00E-04	0.08879536	0.08951691
0.67545319	1.00920503	0.91135403	1.00E-04	1.00E-04	0.12523426	0.43256107
4.73440862	4.85052632	4.79788168	3.0387839	3.00012512	3.2237333	3.47970727
0.99107689	0.81976432	1.11091171	0.38926945	0.15843334	1.00E-04	1.00E-04
4.29683889	3.53302243	3.58810627	4.60575626	4.6908655	4.64171328	4.6014279
0.42855906	0.3242164	0.21574338	0.08292943	0.76607669	0.29502904	0.59587736
1.33342005	0.7227223	0.84026597	1.42412233	1.56557206	1.30580916	1.30584226
1.00E-04	1.00E-04	0.01665176	1.00E-04	0.19583226	1.00E-04	1.00E-04
2.76605079	2.37702348	2.61283102	0.90759629	0.62018624	0.67934931	0.72927827
4.07550009	3.70476527	3.92171656	1.93026253	2.10013976	1.67381205	2.27411544
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52693104	0.80349369	0.98283029	0.447212	0.4599775	0.27527587	0.1183304
4.1587334	3.94731884	3.97830931	4.37792402	4.79137483	4.83508882	4.73066019
0.91482478	0.78343945	1.06279741	5.14305662	5.16214622	5.56693482	5.61167936
0.18521769	0.12453807	0.10096514	1.00E-04	1.00E-04	0.14330217	0.04979202
0.28426617	0.20171951	0.24177376	0.07818642	0.33196133	0.46730871	0.29811772
5.06313009	5.23245884	5.26197109	2.3404922	2.74310474	3.32717428	3.04688276
0.38921012	0.48383917	0.04594917	0.34897482	0.46686491	0.26773756	0.17840587
2.65734919	2.55217499	2.80176541	0.15605189	0.50929345	1.06111805	1.24593899
4.23991374	4.78571899	4.56834245	1.49516904	1.37729997	2.77679147	2.35852078
1.00E-04	1.00E-04	0.02379405	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.07496311	4.44108589	4.54069784	1.65250648	1.24314943	2.2913024	1.95550561
1.97848785	1.78965534	1.81701746	0.36435151	0.56002874	0.5375807	0.23869211
5.14123351	5.28521955	5.52009857	2.63120161	2.84959409	3.12306199	3.44930597
1.15946502	1.46359844	1.7583343	0.27795545	1.00E-04	0.2945117	0.06301233
1.8192938	1.07589573	1.72259759	3.16911984	3.4700426	3.13026571	3.23545467
0.26676588	0.30878432	0.48498296	0.45384643	0.72158236	0.85047444	0.99472358
1.79812714	1.50737148	1.61483577	1.72514086	1.90063213	1.70468311	1.69767442
2.43619562	2.39548531	2.81599653	1.00E-04	0.30668717	0.52655657	1.00E-04
0.24047163	0.0916771	0.06487703	1.00E-04	1.00E-04	0.21045912	0.24480727
5.70104254	5.55029951	5.34206045	4.1899653	4.20308698	4.49035562	4.20661897
0.99804149	1.21710922	1.29293376	4.52500427	4.42437763	4.75782731	4.68800956
0.23980612	0.67744376	0.33361821	0.9286259	1.30634341	1.00892096	0.7795712

4.91474731	4.78514721	4.87437781	5.36577407	5.51226099	5.51351961	5.50395873
4.7659676	4.10794538	4.20152332	4.34151475	4.75660136	4.6875112	4.6101174
3.99416272	3.27331956	3.29081046	3.68867515	3.67563575	3.35986073	3.59198799
0.22600311	0.08656019	0.16715981	0.27379593	0.29427899	0.08423935	0.21774724
2.21689365	1.8277767	2.43506937	3.38832917	3.4764517	3.41887206	3.65840988
4.39998255	4.25586746	4.33978621	4.53740181	4.75292741	4.74707406	4.9134919
2.62138843	2.3939316	2.47684905	3.08399691	2.93679969	2.87678705	2.8985281
2.82461699	2.97834837	2.85231281	2.76017353	2.79166801	2.74595142	2.89086979
3.2259282	2.99218555	3.19483935	3.88582793	4.04612861	4.14302788	4.21865703
4.01164164	3.78553422	3.70360437	1.17225623	1.7192838	1.80990503	1.79461699
0.83564232	0.62684598	0.7302841	1.32567555	1.72229988	1.8203992	2.46226133
4.08232728	3.98593057	4.14600597	3.48553244	4.11398393	4.34293306	4.27479401
2.67138137	3.08434993	3.10156122	1.29482992	2.02594254	1.98687888	2.50439669
2.24615134	2.3583104	2.5701037	2.28558045	1.97056515	2.79591115	2.65273438
3.20690165	3.19646576	3.21565805	1.2963979	1.71024259	1.63319848	1.84066394
2.36639126	1.44201276	2.00985198	1.79430065	1.94784029	1.44362695	1.52430453
3.54754768	3.97349521	3.93236284	2.7261032	3.29154322	3.52879783	3.56884759
4.25919578	3.57344397	3.67233369	4.62617488	4.83567506	4.78914448	4.82411027
1.5872877	1.78486667	1.82298234	0.57928462	0.72815336	1.02668163	1.36446849
3.40062709	2.71065786	2.84600218	2.99049923	3.14493844	2.84636719	2.90173289
2.65490685	3.01779574	3.02161161	1.76802022	2.21263719	2.49534077	2.66964701
0.08583222	0.08240995	0.06867156	1.00E-04	0.31923201	0.24285942	0.42910995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04669121	0.00763321	0.00830054	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.85185041	3.80277467	3.88994286	3.32121836	3.74813726	3.64202282	3.73904543
3.0241402	3.25079307	3.14855701	2.4618254	2.63776408	2.67767482	2.61821749
3.38100636	3.24711203	3.42420774	3.46912082	3.79399989	3.81015167	3.89172031
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0193838	0.04798971	0.02724238	1.00E-04	1.00E-04	0.15358363	1.00E-04
0.267833	0.30129782	0.3360954	0.63259526	0.44741041	0.77067384	1.04204857
3.93655608	3.49298032	3.73201544	4.53642131	5.05012332	4.80977671	4.83423144
0.27147585	0.12813771	0.2063216	0.30993831	0.16537448	0.34747655	0.43118294
0.08485521	0.14066047	0.17761865	1.41814395	1.47404108	1.47701536	1.0420345
5.26018468	5.69178872	5.64520087	3.57042106	3.76908346	4.39527668	4.3293056
3.73395312	4.07575138	4.0240857	2.66732003	3.22792584	3.20178505	3.23811931
5.23281363	5.00360119	5.1113501	4.91951667	5.19580795	5.17866414	5.21411349
0.92371134	0.42932427	0.35574191	0.36287814	0.88128015	0.69336567	0.85680221
0.47839706	0.17845957	0.18351896	0.14492562	0.38215664	0.34481747	0.13975532
0.59191836	0.30780547	0.73970623	0.37665725	0.74646556	1.14060408	1.7378169
2.00343832	1.86879674	2.0535272	1.8911633	2.57037611	2.32461482	2.32145314
3.07953928	3.03713603	2.99300473	2.40099102	2.66308159	2.33010346	2.39613426
0.25362702	0.91577258	0.70841745	1.00E-04	0.26809334	0.49332445	0.11397297
0.07310635	0.0254607	0.04123179	1.00E-04	1.00E-04	0.0979538	0.3874463

1.00E-04	0.00898477	0.05316171	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.79042583	3.16122068	3.37738813	5.08442444	5.32413479	5.16700888	5.43095735
0.19159334	0.39015113	0.26703608	1.00E-04	1.00E-04	0.36020678	0.17827659
3.30193143	3.14577762	3.35240896	3.23549205	3.53597992	3.54106643	3.57272752
3.73263585	3.85122477	3.82891351	2.57621963	2.91802405	2.84856929	3.06499453
2.26619153	2.61970133	2.58840707	1.36411263	1.41627386	1.89867889	1.62640875
3.64626446	3.90419513	3.92148719	3.54195528	3.84297756	3.87862671	3.89803779
3.51198786	3.62753101	3.69537478	3.68996291	3.99115908	4.23791292	4.22989506
2.51156391	3.06978448	2.89068179	0.94673202	1.61643531	1.80190872	1.84305686
5.91676619	5.17681397	5.27242033	6.25116346	6.49743639	6.20963035	5.96555774
3.35323938	2.05943268	2.64613057	0.2159217	0.85446706	0.30519362	0.43826253
3.88855829	4.0222063	4.046928	3.59207119	3.62438971	4.05742217	4.12788204
3.6962541	1.72419629	2.18971203	1.20684196	2.32182043	1.53405764	1.61928426
3.97039404	3.42620096	3.50378623	4.4114312	4.52666212	4.30483373	4.33442926
1.44348131	1.46811363	1.891142	2.4981183	2.78512304	2.87259354	3.10099333
2.86467114	2.47730121	2.37831588	1.0450643	1.73272837	1.34321363	1.30003221
3.3692854	3.68294452	3.72536727	1.80941008	2.23039336	2.73929043	2.84587372
1.51549851	0.9768499	1.25313992	2.1308249	2.77186741	2.30647794	2.58972288
5.05057948	5.08824303	5.10529698	4.10595717	4.5987925	4.60052098	4.83493913
2.63353917	2.63490869	2.78569005	4.08177052	4.0468322	4.15712324	4.21288672
1.4809186	1.30910561	1.87151948	1.42109136	1.08699939	1.3466572	1.11409799
3.40993698	2.48217456	2.83127467	3.40154744	4.08810228	3.74412066	3.72476542
1.83269831	1.5800911	1.93650703	0.74179282	1.35984108	1.44774392	1.64252404
0.75395417	0.57839488	0.60830586	0.40023487	0.92637023	0.97651929	0.87099712
0.5337711	0.35040273	0.36435392	2.32107977	1.3044812	1.0901901	0.8850543
2.60799058	1.9934462	1.99413488	2.27404689	2.21953639	2.06954749	2.16018205
5.04005227	5.22854528	5.22211407	4.48148701	5.04578601	4.98817505	5.05680683
0.35068617	0.19751705	0.11181559	0.29459892	0.07740273	0.22382288	1.00E-04
4.08622114	3.9395043	3.82715303	2.07806425	2.06241637	2.31372107	2.32017285
2.31596647	2.12357939	2.4344729	2.20052733	2.77161459	2.88050416	3.09771088
1.48805344	1.5970251	1.43292926	0.28160927	1.22031138	1.48031591	1.04708421
1.00E-04	0.0219204	0.04284066	1.00E-04	0.31120722	0.01014713	0.40889859
1.41811536	0.73733126	1.26998041	1.77598114	2.0597279	2.3239013	2.24936318
0.077017	0.0364244	0.05146329	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13460667	0.17116569	0.14408467	1.11795284	1.20483676	0.68636165	0.90883764
0.34169045	0.32609948	0.30247543	0.19673328	0.4139614	0.45097547	0.127205
3.50829367	3.64271075	3.74610448	2.61327876	3.04320524	3.5123636	3.63489192
0.31846349	0.44269565	0.43138211	0.92325136	0.9394272	0.99022692	1.11231495
1.96651781	1.84001768	2.38632611	2.39387462	1.66860877	1.81264573	2.54079991
4.59923214	4.89886426	4.78650146	3.18575233	3.52473228	4.06550187	3.88380019
0.39657307	0.1672951	0.28994224	0.23751359	0.40055945	0.41900872	0.39742116
0.06789773	0.08044891	0.13016178	1.00E-04	1.00E-04	0.23993897	0.66051798
2.30594412	1.48007676	1.17269089	1.08456832	0.4741723	0.65034512	0.91132461

0.61941215	0.40130525	0.42147799	0.71768479	1.61390049	2.07638612	1.94949001
0.11894466	0.09414924	0.25809755	0.1968923	0.45535597	0.83754561	0.69895241
2.98911342	3.51402293	3.7500042	3.24530102	3.52543256	3.75310035	4.07831386
0.5767639	0.49530835	0.71859262	1.31165147	1.01087787	1.4004982	0.91595025
0.55791043	0.19232625	0.33371036	0.73083759	0.99268795	0.89200167	0.8107303
3.87671192	3.11728714	3.26514777	4.21097443	4.57411993	4.368656	4.4621142
1.77131872	1.61080382	1.82255534	2.76198645	2.64682345	2.77321738	3.00146465
2.59745802	2.16832686	2.38822655	2.40514507	2.64828969	2.3433334	2.58825709
4.63017647	4.15790739	4.28169791	5.08322976	5.36230288	5.28184473	5.26335395
4.35822833	3.88088546	4.06642346	4.64071399	4.98544288	4.82904621	4.75722432
3.81462891	3.61336883	3.90072063	3.51447979	4.26439179	4.45316149	4.47086681
4.48405369	3.97505419	4.12236464	5.11159622	5.35266932	5.34480796	5.22040855
2.49485909	2.43400549	2.41051701	2.54443052	2.89257811	2.88379665	2.88670647
4.83520328	4.32329846	4.40259467	5.15919064	5.44072795	5.465063	5.45339703
3.3863892	2.79889054	3.08227105	3.9669691	4.26813765	4.16990231	4.22322502
4.43055429	4.09075209	4.27924717	5.76459199	5.94076882	6.04895231	5.89110005
3.47091509	3.60545282	3.59874993	3.09433964	3.31209497	3.49345086	3.58823165
2.67653901	2.76207467	2.88821524	2.70882175	3.04448106	3.24360945	3.10503559
3.23814175	3.05801582	3.14216493	3.37548371	3.77785767	3.78829469	3.77579687
3.4462959	2.90987198	3.03729109	1.80994518	2.55067123	2.47637294	2.25253549
3.52341494	3.5048386	3.68829522	2.57642236	2.75284168	3.05319146	3.33282557
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.86730892	4.30858229	4.24927851	1.98311803	2.80442747	3.42791122	3.22462701
4.23901696	4.51409413	4.38264585	2.79194811	2.96553975	3.24574002	3.41293254
1.38513153	1.51954757	1.54260595	2.05661782	2.16819779	2.07836718	2.3691708
0.83381499	0.43077073	0.95814358	0.95235641	1.00213401	0.73984525	1.17944237
1.52268306	1.73007205	1.92890567	0.61846798	0.60685061	0.66113201	0.44451745
4.79364207	4.09238141	4.22820593	4.90429379	5.06278669	5.02892761	5.14424639
1.42848521	1.2200842	1.56053333	1.04632336	2.07646188	2.48197648	2.62148188
0.40443871	0.23490609	0.32908432	1.62600086	1.593189	1.29712149	1.53705766
0.74368611	0.42223212	0.48949721	0.96038791	1.48872164	1.38280727	1.60275895
0.16148717	0.05966644	0.02447052	1.00E-04	0.31755402	0.20234478	0.23899749
4.64159387	4.1955237	4.26125108	2.04555925	2.4521478	2.34207161	2.42384209
0.11033013	0.09243084	0.11871219	0.79048927	0.45004676	0.05863894	0.08810927
0.04672432	0.03352193	0.03193742	1.00E-04	1.00E-04	0.08791523	0.16677739
0.17302953	0.18826332	0.22820263	0.84981843	0.14451589	0.14313026	0.30956383
0.62770845	0.2927319	0.50957899	0.64744237	0.56410335	0.78457394	1.01411301
0.29342412	0.32297434	0.61845029	1.1343239	0.96319878	0.50966114	0.82660796
0.08586382	0.13405371	0.3297583	0.68586482	0.14604882	0.14956913	0.15397512
0.69555436	0.38733153	0.58066411	1.29688363	1.09610113	1.19673832	1.15947047
1.85055584	1.3591314	1.76068855	2.71468971	2.60745044	2.222345	2.8296255
0.2707373	0.04304528	0.04801128	1.94121544	3.7444868	2.64754973	1.89287589
0.76407386	0.57480617	0.51319035	1.5617592	0.90868605	1.14893778	1.21064474

4.65946404	4.43211086	4.53154041	5.2220283	5.35426037	5.39040393	5.4469241
2.1629591	1.74947325	1.94301919	2.47634598	2.93963977	2.69181033	2.54937382
4.14668736	4.10925935	4.16949584	4.28943894	4.51447679	4.87208842	4.9678187
2.73233517	3.13412309	3.16152822	0.56892453	1.81273588	2.25287601	2.21071424
2.02738707	2.38956589	2.37781258	0.97359176	1.53246673	1.634782	1.3564669
0.42835849	0.20485093	0.26989665	1.00E-04	1.30248608	0.89412871	0.67842984
1.36685673	0.55598596	0.66306894	0.69686153	1.18733822	0.56533919	0.6651779
2.25339247	2.98211093	2.86018262	0.65331581	1.16344586	1.95830506	2.10936893
2.29496491	1.9829306	2.20384239	2.43412684	2.97746325	3.10559769	3.16891009
2.913798	2.97223443	3.05113136	3.34323078	3.76735211	3.70227432	3.74759311
3.36544795	2.73937648	3.13828424	4.18480815	4.40557929	4.26742447	4.21888652
2.92785724	2.65926181	2.84386675	3.13439695	3.29283021	3.11356461	3.27560209
5.25681056	4.62085334	4.70890264	6.09037943	6.33334424	6.30642499	6.21936309
3.62431764	3.03509868	3.2320483	3.9543131	4.14126663	4.10776693	4.0509134
3.47352062	2.96999982	3.07746643	2.56635031	2.92613074	3.07431336	2.93885979
2.39513236	2.44468341	2.45572224	2.19174534	2.72190477	2.87989052	2.9728307
0.04619042	0.06348538	0.17078637	1.00E-04	0.31283938	0.38355603	0.72114683
0.05380129	0.11988203	0.12682435	0.25200765	0.25978746	0.22681726	0.31979483
0.0312812	0.01055402	0.02008173	0.21252871	0.2201256	0.18536493	0.19516936
0.48696286	0.22853029	0.36943556	0.9203045	1.24690197	1.00018993	1.00725141
0.02046488	0.11021237	0.09146395	0.10510713	0.12796135	0.1715228	0.36611252
1.29002946	0.64141723	0.97215078	0.7707364	0.63316042	0.53981189	0.50263979
1.59504413	1.36856921	1.51116623	0.14851373	0.03122142	0.37235511	0.43832851
1.00E-04	0.02947101	0.08160405	1.00E-04	1.00E-04	0.10778822	1.00E-04
0.97849627	0.84453134	0.89405726	1.0873813	0.85321739	0.95383443	0.94820202
0.26630941	0.13428342	0.16639174	0.50859894	0.03184936	0.40738358	0.46985457
0.01792537	0.00578753	0.01719746	1.00E-04	0.18069916	1.00E-04	1.00E-04
0.04070763	0.0216174	0.09102951	1.00E-04	1.00E-04	1.00E-04	0.22059582
0.06564349	0.07708446	0.08647753	0.48337579	0.56334637	0.07941869	1.00E-04
1.31853152	0.53835512	0.62552551	0.9459346	2.14718652	1.64589875	1.91580111
0.08831651	0.03649472	0.14617278	0.11310958	0.21525589	0.44399845	0.31508757
0.99410267	0.61263014	0.52767359	1.09457088	1.33470699	1.28364937	0.85086872
0.33768614	0.26413315	0.40935665	1.00E-04	0.39969078	0.20930215	1.00E-04
0.34569322	0.07972952	0.18890154	0.12940013	0.2477014	0.42923201	0.29535003
0.44492647	0.39466137	0.55823292	0.78830382	0.23089078	0.44884002	0.45425389
0.24818594	0.08743579	0.16199745	1.38886928	1.88182579	1.20179504	0.86426126
0.51779092	0.25272422	0.39260396	0.13050735	0.0981648	0.54702207	0.95474642
0.03353277	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02286491	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42530027	0.13739614	0.17894424	0.5298934	0.32593964	0.43026201	0.14166414
1.05620905	0.78810802	0.67424262	0.45755342	0.76421851	0.05269221	1.00E-04
0.04855567	0.0810516	0.10667507	1.00E-04	0.2620326	0.0629747	0.42096609
5.9153636	5.47097664	5.45915854	5.38138787	5.63966675	5.58463804	5.58893955

0.82779324	0.60714716	0.92982497	0.90664818	0.92009529	1.30003166	1.51118158
0.69275871	0.57190973	0.79829315	0.93518564	0.70865779	0.61054118	0.92877777
0.39002773	0.17071311	0.12514875	0.14189115	0.10968724	0.12912068	0.19169163
1.42897663	1.01692567	1.12428406	2.4324678	2.13076952	1.51219179	1.58830794
1.41588773	0.70699065	1.13814592	1.25653187	1.43876019	1.44376545	1.22560077
0.22651164	0.17241524	0.15814769	2.98111997	3.29743197	3.68445621	2.26025083
0.05888875	0.06884792	0.00315019	1.00E-04	1.00E-04	1.00E-04	0.143334
1.02289748	1.02606407	1.05924555	1.02381482	1.10026	1.42107542	1.39007553
0.28851357	0.18275199	0.19610891	0.17185302	0.14869838	0.03505207	1.00E-04
1.00E-04	0.02482005	0.02030808	0.16432416	1.00E-04	0.11664666	1.00E-04
0.15879492	0.11504884	0.11410716	1.00E-04	0.08704723	0.27050251	0.29253378
0.35414028	0.14550792	0.19704103	1.45264969	0.6380882	0.46143236	0.78139162
1.00E-04	0.03927275	0.10173238	1.00E-04	0.11667632	1.00E-04	1.00E-04
2.28289548	1.18323208	1.48576726	1.05744981	1.23426888	0.66051179	1.09252824
0.47150062	0.46956999	0.64686198	0.45219894	0.37735046	0.28725452	0.37698174
0.57208343	0.37145195	0.25780316	0.4452868	1.00E-04	0.21996218	0.23486264
1.00E-04	0.01033396	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03708444	0.0552903	1.00E-04	0.18717966	0.05911864	0.30820774
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0.24545985	0.42914056	0.46660067	1.1908577	0.50488382	0.34121535	0.59831679
6.30803249	5.86055505	5.96921427	3.35110123	3.53227027	3.61528178	3.66780969
4.11330978	3.8928818	4.0385459	2.75558511	3.02571816	3.1698156	3.28051176
1.19041619	0.29199465	0.43014317	1.00E-04	0.48078523	1.00E-04	0.32234953
1.98929151	1.91368514	1.46322562	0.88886395	1.0419323	1.39623615	1.137297
5.0689661	4.69940772	4.75207341	4.66994119	5.16432164	4.95542899	4.92104094
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3.37659548	3.14453407	3.235307	2.22422721	2.34260787	2.48963473	2.81017537
3.3424255	3.93752023	3.99335484	1.74011872	2.39340358	3.09915974	3.18262867
2.681519	3.0389558	3.02843855	1.33022669	1.50986226	2.04308019	2.03832771
4.91160996	5.67108831	5.63313136	2.70711832	3.25047959	4.34845406	4.39431245
3.82964919	4.04049092	4.0394873	3.88745101	4.10457724	4.2268285	4.35529473
2.4736052	2.95652718	2.92336197	1.41336065	1.63007285	2.18617681	2.47995734
3.65898716	3.61335277	3.64131002	1.69071464	2.57963197	2.89948169	2.97187788
2.02107986	2.10337101	2.00046498	0.80000934	1.40459128	1.36530121	1.626872
4.16539775	4.14251455	4.23862751	3.95735022	4.1924842	4.13905697	4.2985719
3.00448353	3.31020107	3.38723402	1.45157884	1.77416842	2.42581491	2.36988738
5.6489457	5.14966611	5.18296468	5.77018393	6.07394983	6.04692282	5.96221179
4.5176993	4.21068631	4.34131361	4.60086155	4.9949297	4.94572332	4.88800347
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3.16349551	3.18242572	3.26575647	3.4653475	3.73768159	3.6959666	3.6254353
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4.41727525	5.35593996	5.15148138	2.76751001	2.83324343	3.95705519	3.94965033
3.70364742	3.95910077	4.00704396	2.77898714	3.20544827	3.52583517	3.54726571
0.74889032	0.74516127	0.83063	1.00E-04	0.30450346	0.57482602	0.38822043
1.70280055	1.67838713	1.76071822	1.62320342	1.9531202	2.14762038	2.19371669
3.28834381	3.33743713	3.34410877	2.99103439	3.06096947	3.48697134	3.73236802
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1.69561042	1.84746676	1.95801161	1.75857083	2.17937326	1.89011686	2.45433222
3.36750256	3.5237605	3.59008867	3.10506852	3.48527917	3.51379856	3.64653915
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2.1119817	2.16924311	2.28154757	1.15445012	1.35422804	1.69700554	1.98708172
2.11563806	2.20753579	2.31836651	2.65746312	2.56090593	2.71156621	2.72153768
2.372771	2.32836475	2.44866301	2.89336997	3.15819008	2.92480735	3.08222334
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0.59733365	0.36394364	0.48603198	1.03313088	1.25868832	0.95335582	0.89301795
3.48624731	4.17125715	4.26754332	4.07629866	4.21614855	4.61573069	4.84381957
3.76722908	4.05496547	4.0190794	1.815846	2.47796061	2.82733959	2.87180419
5.13838067	4.86660563	4.79407744	3.56740542	3.66495024	3.90088005	3.97487928
3.93460675	3.41719706	3.1833483	3.35887997	3.48111727	3.12745391	3.50730084
0.08979262	0.02135106	0.08509454	0.17869829	0.11142997	0.16561541	1.00E-04
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5.35862926	5.60230464	5.74398284	4.90135684	5.27785181	5.38579409	5.31228099
4.11267945	3.46774996	3.62082447	4.42264413	4.67954641	4.58471471	4.48128921
2.62836679	3.07951091	3.0561762	2.14819881	2.09488842	2.79316493	2.72953313
4.38930716	5.10487808	4.96045401	1.99025552	2.58188026	3.655369	3.60454991
4.1266306	4.71438995	4.61058239	3.16060898	3.54594626	4.08661001	4.0840001
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3.27719274	3.63787306	3.65655778	2.08948369	2.97105935	3.29138815	3.31891812
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5.82616552	6.61554989	6.4490794	3.24223782	3.70992009	5.04779612	4.90142716
0.06304843	0.0190955	0.00816624	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.82482464	5.36608878	5.246311	2.60099364	2.89781338	3.85294222	3.9680482

1.00E-04	0.09134435	0.09846288	1.00E-04	1.00E-04	0.04988195	0.09064326
4.80839934	5.46506206	5.30308663	2.30487768	3.36322252	4.0174614	3.8420125
1.58829179	2.48132962	1.98933309	1.00E-04	1.00E-04	1.06640873	0.898902
4.77581102	5.57790636	5.43833108	2.71647014	3.34747867	4.20768783	4.2258098
2.11533131	2.84998647	2.6521529	0.36451278	0.72612017	1.50214142	1.50709478
3.69020699	4.59708165	4.41872902	1.71685961	2.18461847	3.15571138	2.99291713
4.7109596	5.28654513	5.16185575	2.13456747	2.83264018	3.81326004	3.76718766
0.2646185	0.78003303	0.63991124	1.00E-04	1.00E-04	0.16704572	0.16407959
4.60072353	5.19432703	4.97262459	1.87418505	2.68540606	3.7190699	3.57125355
1.97242579	1.7482814	2.08445801	0.75124335	1.6452757	2.39610331	2.59939209
0.02325138	0.08315039	0.14814055	1.00E-04	1.00E-04	0.23845521	0.14263826
0.18364489	0.25227686	0.19874065	1.00E-04	0.11346479	0.19365498	1.00E-04
1.06037155	0.59455537	1.3163151	0.20793077	2.15902527	1.9546026	2.03391026
0.03553508	1.00E-04	0.08289297	1.00E-04	0.21644756	1.00E-04	1.00E-04
0.01792537	0.00560791	0.00605468	0.12245313	1.00E-04	1.00E-04	0.17623214
0.32003215	0.2007035	0.15826209	1.36392251	2.61635863	2.55581123	2.13563556
0.40913242	0.14261331	0.22331989	0.2229086	0.73721909	0.05102381	0.2842853
1.00E-04	1.00E-04	0.00911002	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88526352	0.94918906	0.67071195	0.73760256	1.01916642	0.58389932	0.63856945
3.43924598	3.11934384	3.21506588	5.07230222	5.32104352	5.41620921	5.13923132
0.19060596	0.03996072	0.11091329	1.13572508	1.2688941	1.13626523	1.32601043
0.32817147	0.15596779	0.26613772	0.23534632	0.30057046	0.30707769	0.28741526
4.27429111	3.60809752	3.85134073	4.49507842	4.54482507	4.49754272	4.45915424
4.96973941	4.31768391	4.49411168	4.27579236	4.6298826	4.55662293	4.43544901
4.97667553	4.74663735	4.67487463	4.00467754	4.47048238	4.40565557	4.29517203
3.90076861	3.17343242	3.28878552	1.54831496	1.72259694	1.72091918	1.70776925
0.16535414	0.022715	0.07256717	1.00E-04	0.350795	0.7529369	0.77687778
4.65546352	4.18943055	4.29824415	4.92064788	5.15442521	5.11834498	5.18024416
1.9085699	2.01068608	1.93889722	1.36962585	1.55849322	1.55829024	1.5929826
0.40893391	0.15012986	0.03130345	0.18301479	0.45143411	0.23719898	0.36949974
0.06234806	0.0117559	0.04002877	1.00E-04	0.43123439	0.02854247	0.38420335
0.0618107	0.00392001	1.00E-04	0.38616533	1.00E-04	0.12688264	1.00E-04
0.05689977	0.01008921	0.03058517	0.31753239	0.11403823	0.17787248	0.39560638
6.13512191	5.36509509	5.84403734	2.94085367	3.12099854	2.9021064	3.09257773
0.09302752	0.05802494	0.04688233	1.00E-04	0.09532809	0.03363356	0.28295239
1.00E-04	1.00E-04	0.00589251	1.00E-04	1.00E-04	1.00E-04	0.1502351
3.66037395	3.66628053	3.67552676	3.87660763	4.16551736	4.11634778	4.32373194
3.14149401	3.42714745	3.43503511	2.18667263	2.65800963	2.46513893	2.38071041
3.89168958	4.22708864	4.13510672	2.8532984	3.1334708	3.48498556	3.46060564
0.85201838	0.31426633	0.64231929	3.28074541	2.91477805	1.83019916	2.78582165
0.23806602	0.56309069	0.44053319	0.90955576	0.96874004	0.35358244	0.27286269
1.00E-04	1.00E-04	0.03523178	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11356031	0.05983308	0.03493684	1.00E-04	0.02338529	0.29382036	1.00E-04

2.28840164	1.32386646	1.65276898	1.19150639	0.8689946	0.71485023	0.99424591
2.38502525	1.80344257	1.82057637	1.74085846	1.98947505	1.77888461	1.84683278
0.04934402	0.00252741	0.01512357	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11606789	2.11469742	2.23648031	1.56256594	1.94251097	1.98972356	2.23117544
4.13834408	3.92305258	4.2474069	3.09595401	3.21268903	3.16749029	3.29198167
6.0617669	5.47471279	5.50274915	4.75252227	5.05749037	4.87431316	4.84060928
0.01059595	0.02490218	0.00629626	0.24245816	0.08868511	0.2261384	1.00E-04
2.61266348	2.41499048	2.41171631	3.00002803	3.12319875	3.02533785	3.05926837
3.0070226	2.95705724	3.16588086	3.10064108	3.40706233	3.34283336	3.5316247
3.8332958	3.68737561	3.71989188	4.04083819	4.25767547	4.37146703	4.45023123
2.39378077	2.49072591	2.43241056	2.3831494	2.77309261	2.8818279	2.94837849
1.06705012	0.53431803	0.60866039	0.54967144	1.28518671	0.92657528	0.92073326
3.41263717	3.37342742	3.52784505	4.17304298	4.20681719	4.36279482	4.36260091
3.35820796	3.11257636	3.29860693	3.33839466	3.70754307	3.58105106	3.6808153
4.09503052	3.81190748	3.78406044	4.43422847	4.57940303	4.65458163	4.26581588
0.96770564	0.51877189	0.49364997	2.00146118	2.02071389	1.75515221	1.88061033
0.2974965	0.23253391	0.19686738	0.24672226	1.22294083	0.1779528	0.46431194
1.04556632	1.24001719	1.256041	0.46106573	0.75399399	1.23346204	0.92275273
0.91463862	0.86791067	0.82820136	0.23018427	0.13354354	0.40542339	0.53299573
5.44258759	5.80014826	6.35012717	1.80591919	1.49562333	2.44829326	2.38212247
1.00E-04	1.00E-04	0.0031661	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01374782	0.05265533	0.01618067	1.00E-04	1.00E-04	0.06160809	1.00E-04
0.09196147	0.00583762	0.03227168	1.00E-04	1.00E-04	0.07108446	1.00E-04
3.92990566	4.14253737	3.92807709	4.27527986	4.11136343	4.26161213	4.39045679
0.18213251	0.09520455	0.12155171	1.27209862	0.81865148	0.90319406	1.54954225
1.00E-04	0.00773403	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06614053	0.06968076	0.06715488	1.00E-04	0.06427902	0.39222439	0.14636835
2.7680874	1.87132238	1.94892384	4.47580794	4.50835216	4.4475484	4.42964643
1.65459267	2.11084304	2.01128419	0.66990735	1.0651065	1.15502719	1.42570839
4.18218202	3.83169562	3.99821953	5.20666042	5.59478891	5.30900811	5.3782055
2.8794103	2.40567145	2.54901606	3.44971836	3.56261566	3.34237686	3.37645764
2.18955838	2.29867504	2.24421031	1.17834123	2.20324297	1.89393024	1.95764422
1.39724002	0.52607627	0.8054992	0.08400379	1.1557342	0.85374449	0.86196367
0.34548553	0.24374745	0.27816049	1.00E-04	0.53133886	0.28251487	0.54477171
0.28755385	0.24292091	0.20594634	0.10092195	0.89489518	0.8296925	0.91591018
3.08143959	3.21091067	3.24175818	3.34194871	3.50356668	3.66883897	3.65045425
3.23639634	3.16578933	3.25312732	3.28800244	3.49234169	3.59998885	3.57867232
0.5123558	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.60092205	4.47570574	4.57643048	5.12132657	5.34540298	5.43353715	5.52611137
2.55321528	2.61951857	2.58369663	1.37357946	1.71737878	1.85582125	1.73719094
0.49103391	0.2510925	0.36004467	0.18958861	1.27231499	0.53322756	0.7050263
3.40967558	3.36212155	3.59193921	3.83093342	4.06585395	3.86372953	3.95272353
0.10248018	0.02651414	0.06633467	1.00E-04	0.28829856	1.00E-04	1.00E-04

0.9650283	0.97570711	1.16582546	0.48417676	0.77267267	1.29318293	1.56560568
5.08197493	4.20493757	4.49626489	1.31589769	1.86501046	1.36743938	2.1353619
5.30370777	4.76208725	4.88880415	5.82783522	6.01334567	5.92938514	5.89191779
1.98583278	2.02704357	2.16879166	1.83507319	1.94814884	2.02069448	2.42547389
4.36461422	3.8608164	4.12469617	5.03336586	5.25269784	5.29663103	5.35509238
1.71761716	1.5245773	1.89722696	1.86939682	2.24071862	2.38918253	2.57131114
4.77437456	4.67628126	4.64602492	2.30748604	2.92771042	3.17696471	3.25980078
0.15647776	0.17232852	0.15766203	1.00E-04	0.13643469	0.16070574	0.15551164
2.94286891	3.2218186	3.03019124	1.87303677	2.2800598	2.6429531	2.65702683
2.57587881	3.06565679	3.01646671	1.29654031	1.99501256	2.03343496	1.88922728
4.131667	3.83589985	4.05470465	4.10394544	4.49939855	4.55171437	4.46271966
1.00E-04	0.01128315	0.00743719	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.009103	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05000092	0.01914549	0.02137189	0.26992319	0.24485042	1.00E-04	0.10163124
0.07701709	0.01573488	0.01291933	1.00E-04	0.35129698	1.00E-04	0.25915144
2.76109065	2.84266771	3.09348127	4.53615083	4.85975284	4.75397319	4.91479376
7.1257302	7.42321558	7.3906816	4.17193442	4.77031874	5.76896378	5.87356102
2.23926174	1.70942402	1.94172035	1.21549708	0.87760385	1.06311904	1.20190213
0.04250805	0.08680175	0.13626418	1.00E-04	1.00E-04	0.17046848	0.12548551
3.22137262	3.47578489	3.4328234	2.03217074	2.46081436	2.68026321	2.87895579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0068144	0.0109529	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02367321	1.18924036	0.90074842	0.45397741	1.29185567
1.91371811	0.50815853	0.62792202	0.46770239	0.97786465	0.35337075	0.45002943
4.15994798	3.84650116	4.03054818	4.27070711	4.5337316	4.31487338	4.42130875
2.39936023	2.02731333	2.24093862	2.95923875	3.30647267	3.23703737	3.4978253
0.35112533	0.08801361	0.39193872	1.00E-04	0.44496633	0.35165868	0.606602
2.64528014	1.66779859	2.47974213	1.08128928	0.09255087	0.16642468	0.61632032
4.04166601	3.77837734	3.93322159	4.24022783	4.37000004	4.37260094	4.60762659
3.25278916	3.19345264	3.23482819	2.86873248	3.33436555	3.19914621	3.30240518
0.02320108	0.02352943	0.06278154	0.84131235	0.39137262	0.46721616	0.51935368
0.37804533	0.38566872	0.38407027	1.00E-04	0.98533658	1.14451682	1.12422764
3.40862777	3.34590732	3.48855848	3.03133166	3.57653773	3.74623387	3.66580775
1.58522533	1.32340328	1.54894615	2.7977598	2.95158169	2.88706863	2.95710522
0.06401178	0.04076754	0.07430505	1.00E-04	0.4108566	0.16141967	0.16784992
1.90636945	1.8009035	1.94112231	1.74930398	2.2120707	2.36797524	2.39876513
3.51846073	2.97967685	3.13357064	3.13823605	3.1604923	3.06287378	2.94679979
0.10567387	0.1295705	0.09773593	1.00E-04	0.275698	0.45466412	0.0865326
0.53894291	0.397383	0.45453476	1.83522701	1.78702076	2.41022161	2.87086101
1.49068454	1.6492017	1.73282874	2.16471291	1.90547487	1.94538425	2.2267231
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2.6803262	2.66126137	2.7473788	2.13218805	2.56613728	2.59449343	2.6076552
3.77057821	3.45129405	3.46227538	4.6380202	5.21535605	4.82222555	4.7816978
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1.16085593	1.61737162	1.37655785	1.22315862	1.55862006	1.91594899	1.98148082
1.00E-04	1.00E-04	0.01085608	1.00E-04	1.00E-04	1.00E-04	0.27074728
0.14107006	0.37532869	0.47079452	1.14610267	0.94895436	1.16261119	1.41319479
0.02057809	0.02991941	0.09936652	0.21339806	0.41267292	0.57370635	0.42341172
1.00E-04	1.00E-04	0.00777719	1.00E-04	0.05626008	1.00E-04	0.30412269
1.00E-04	0.02747154	0.0148332	1.28283663	1.20571027	1.38500757	1.36581388
4.12298673	3.52315007	3.82554703	5.32127041	5.63217041	5.37973723	5.36140137
0.42482268	0.30405578	0.3615119	2.05856154	2.12416611	2.4104441	2.26762874
4.15266894	3.71676329	3.93379539	2.71471181	2.35067749	2.27880254	2.56647653
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0.06649467	0.00557742	1.00E-04	0.17632823	1.00E-04	1.00E-04	1.00E-04
0.64087766	0.43862949	0.48686803	1.30359093	1.16478277	1.10953997	1.36918928
3.47201646	3.35718594	3.70899155	3.4078706	3.42600967	3.42791811	3.69501686
0.02343449	0.00640743	0.00789158	1.00E-04	0.15047425	1.00E-04	1.00E-04
1.36238671	1.45117112	1.56330168	0.93072904	1.0090716	1.50360183	1.71955144
3.8944161	3.52297993	3.71534605	3.74120623	4.05652636	3.99488127	4.11837612
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3.33191191	3.06868376	3.26193775	2.21141917	2.66762724	2.40928056	2.8048044
1.11433787	0.55866448	0.74279096	0.48401246	1.24377355	1.22176687	1.35370017
5.23933939	5.26243285	5.2383746	4.72973417	5.15337169	5.10752429	5.09385149
3.56736384	3.38109125	3.52099712	4.04486714	4.20430433	4.31060464	4.24285964
2.17763308	1.45962008	1.8082927	4.08746961	4.03676969	4.13039632	4.36541466
5.12732228	5.07690161	5.54499438	1.97945857	2.45492674	2.76957322	2.78725861
1.00E-04	1.00E-04	0.01077141	1.00E-04	1.00E-04	0.07743268	0.08835185
4.26237334	3.90371308	4.31419278	1.61757376	2.07713743	1.90961453	2.3933153
0.02155416	0.01479472	0.07002363	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.6377829	3.29987422	3.49102812	0.50157179	1.70442593	1.56407135	1.97690551
1.97283743	1.30391449	2.13871227	0.58979068	0.85660999	0.45600838	1.26442851
5.18284778	4.88394509	4.89506261	4.76465988	4.97340808	5.09856743	5.06866005
2.82743925	3.00410164	3.08766123	3.10632225	3.14099386	3.47698594	3.6234172
1.71949507	2.66311409	2.59338588	1.74572887	2.00865654	2.23451734	2.24207134
0.86902665	0.67684538	0.74797742	0.87977622	1.1869811	1.01706148	1.49242524
0.22177164	0.12609323	0.17214047	0.49630926	0.28936618	0.17899269	0.2352733
0.48833299	0.24788454	0.24799076	1.39422846	0.7295154	0.77033119	0.70279827
1.00E-04	0.02062029	1.00E-04	0.39381744	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

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5.17918739	4.57963912	4.68392481	5.34820435	5.67229634	5.61201713	5.52714234
3.42766109	3.25975946	3.33563954	4.41526727	4.43874682	4.23387078	4.34673279
4.64204992	4.16567891	4.274301	4.38241163	4.67026698	4.55167568	4.59395994
4.54647931	4.49298036	4.48001054	4.37970713	4.73813272	4.78865223	4.7903803
3.77073949	3.90214108	3.92731524	3.48817314	3.89042828	3.8951189	4.00299158
3.97186654	4.38239312	4.28507207	2.34073864	2.80269474	3.34787059	3.22547556
0.30949912	0.192011	0.14827825	1.00E-04	0.24099647	0.16780639	1.00E-04
0.83272715	0.40635959	0.52721995	1.06241738	1.29632728	1.37849137	1.18381944
4.22703992	3.72940764	3.93939525	4.86823621	5.26821328	5.14625718	5.21721763
3.5391496	3.21346282	3.07550732	2.82234939	3.18531661	3.08480501	2.95192956
2.70406213	2.48769429	2.50988451	2.93405352	2.98018941	2.77494245	2.92718603
0.26817913	0.14654953	0.233485	0.85424955	1.23151785	1.348734	0.55457815
2.83722016	3.01928335	3.09425047	1.75267132	1.77363571	1.94341591	2.42729255
1.37471166	1.33190095	1.54672789	0.54432404	1.62027049	1.78136112	1.6955763
0.11098071	0.04923305	0.08065459	1.00E-04	0.30840556	0.0995909	0.150749
0.02041867	0.06410357	0.10777237	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.59548624	6.12130981	6.12563956	1.77745417	2.5878581	3.58282588	2.83287438
1.90338351	2.48955185	2.01826798	0.66352429	3.21428984	3.99916356	3.34363432
1.51344344	1.60343206	2.10216789	2.33434507	2.32372303	3.50338518	3.69997388
3.73378873	4.57051838	4.36022071	1.00E-04	1.70687763	2.91139509	2.49487685
6.00822528	6.61150768	6.73362482	2.91653951	3.93483463	5.17226638	4.732083
1.97215322	2.08810087	2.13879622	1.14373466	1.68888001	2.14910943	2.29745698
1.63787525	1.35144714	1.54390379	0.94526659	1.34958582	1.90077171	1.80406216
1.17655716	1.33924483	1.35220624	1.51459703	0.85976628	0.7272919	1.02593018
3.98707616	3.56127728	3.68119289	4.15955327	4.5127541	4.40693113	4.51935284
1.00E-04	0.03513924	1.00E-04	1.00E-04	1.00E-04	0.1385691	1.00E-04
3.62941404	3.57435851	3.51431945	4.11700792	3.96209034	3.91558098	3.98871294
5.19816609	4.90280122	5.00412873	1.76680549	2.54237219	3.09108535	2.85332525
3.92695264	4.16364569	4.0731746	1.9096878	2.50581889	2.79541143	2.8021122
1.80823541	1.64642177	1.94896023	2.83739374	3.10446547	3.08987392	3.08441833
4.52059226	4.20912128	4.34172284	4.97745434	5.18661822	5.20220486	5.24800665
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.78061601	4.11679638	4.09126906	2.14212289	2.88623489	3.13449907	3.25946092
3.16695555	2.69412606	2.86399262	4.15659453	4.14844547	4.02628569	3.90140279
3.95513665	3.99831464	3.91123717	2.75859813	3.01271076	3.19807154	3.32139253
2.92367517	3.23872084	3.38803088	2.33468841	2.54080926	2.65350674	2.86982085
3.23066591	2.67288628	3.24678555	1.15186223	1.19388154	1.23731868	1.85659484
4.17730735	3.57340812	3.80446442	4.84326398	5.19559606	5.05193156	5.03762938
0.53172856	0.52328855	0.4868	0.26443854	1.00E-04	0.11567317	1.00E-04
0.72038638	0.20321536	0.30878279	0.67720239	0.35430802	0.31877881	0.68885253
1.24334744	0.82181918	0.91454123	0.2335344	1.18418827	1.2757293	1.66751153

0.03374376	0.06135822	0.04528506	2.34373508	2.41695109	2.12005116	2.93467384
5.64134224	5.23526404	5.2925723	3.99972519	4.06230742	3.71171235	4.09701658
0.65548004	0.49530783	0.42560711	0.78798029	0.95170423	0.59606547	0.89606813
3.66773885	2.75988865	3.14546868	3.42434051	3.37151453	2.95328522	3.16622275
2.29491429	1.39176935	1.23291873	1.04816404	2.4680101	2.01506427	1.80776557
5.0125355	4.88715026	4.72086837	4.74097181	5.08927552	5.09813929	5.15198728
3.27626439	3.3623759	3.38823606	2.9757747	3.2202629	3.1012171	3.18594568
5.12508448	4.57452871	4.50527766	4.65572849	5.00752581	4.83027466	4.72844755
4.69351898	4.40233039	4.52272657	1.90657253	2.45170074	2.43165291	2.46913838
0.79568851	0.68788527	0.80471007	0.15225267	0.62525289	0.78976867	0.62996048
3.30560334	3.16032312	3.30418571	2.50622635	2.86681145	2.70072653	2.7593533
3.03922586	2.90950255	3.17441187	3.38782807	3.72053987	3.66731852	3.59102977
2.85521759	2.70175584	2.90756723	2.52194278	2.69495862	2.58457229	2.84051952
3.74311601	3.86535712	3.76330557	3.32252698	3.70110038	3.76030849	3.75665924
1.00E-04	0.03185521	0.00639838	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02539151	0.69801513	0.71629288	0.38954537	0.97188037	0.83707391	0.64396114
0.91591623	0.66327391	0.90497238	1.56770399	2.02500494	1.67387071	1.89365447
5.4905552	5.90749002	5.69901031	2.97668371	3.63450659	4.18683543	4.04194008
6.59542304	6.49790432	6.56473943	3.67398234	4.59528867	5.04271926	4.91455546
6.00782217	5.94996029	6.13178011	4.10488343	4.32267347	4.78452365	4.92812892
3.97190017	3.90719383	3.77394089	1.92857168	2.13662596	2.58234409	2.44781291
0.19646989	0.03162922	0.05077964	1.00E-04	0.05679628	0.20891534	0.1660917
0.17239846	0.1368389	0.19745791	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6725077	2.54204546	2.49262741	0.522298	1.52094832	1.5810463	1.86887028
2.34312825	3.49108692	2.78069582	0.4220266	0.70584975	2.28151466	1.08642643
5.30788763	5.36939977	5.25749738	2.82875696	2.98776422	3.22920858	3.26941431
2.26392696	2.239974	2.29451505	2.85329105	2.77652205	2.83611305	2.86233299
4.43248394	4.19406394	4.15981894	2.0366901	2.8748258	3.18785056	3.10617669
2.98664841	2.91237488	3.06724098	2.1251105	2.11347595	2.0785917	2.40727324
5.97971227	6.30806697	6.21378174	4.23603967	4.36090045	4.7729058	4.72352513
0.44494705	0.17246559	0.38375826	1.00E-04	0.80296411	0.66675954	0.73885276
0.06733804	0.1650155	0.26554205	1.20250185	1.41169436	2.44173346	2.43673344
5.43887359	5.80170413	5.78298994	2.64588211	3.22056336	3.95494793	3.69465851
1.8207439	0.7971515	0.78446685	0.81694533	1.45245567	1.02970746	1.33658858
1.56305058	0.96990932	2.18693958	0.13726125	0.39240481	0.43419642	0.68658339
3.84041634	3.57285639	3.76195991	2.24067865	1.70564137	1.86466565	1.956616
2.32134876	2.65548639	2.58724587	1.3455796	1.41000826	2.00250482	1.84988118
1.93546721	1.9375262	2.09053795	1.77916948	2.15290795	2.06369394	2.07419337
0.24309486	0.18906186	0.20987127	0.32269985	0.47518931	0.229573	1.02140909
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00918092	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90882511	0.46533921	0.51536993	0.78741637	0.92111681	1.11403767	1.13212115
2.70507599	2.71977888	1.99468621	2.6640907	2.9430126	2.62528879	2.67069525

4.07557697	3.60282128	3.70494058	1.55349598	1.76187377	1.751504	1.51443731
0.9932665	0.75288184	0.97191599	0.79051768	1.96686862	1.43117749	1.62167038
1.7857525	2.08109211	2.09605801	0.87323005	0.99223893	1.79127961	1.89072147
5.45771102	4.62690725	4.60103334	4.99657157	5.27879786	5.05342458	5.04148686
4.12631971	3.65783643	3.75201219	4.36098537	4.65732124	4.66441355	4.61243859
4.94540784	4.47049969	4.59301678	5.49536083	5.89679784	5.79150625	5.76353212
4.21398358	3.79196111	3.99078455	4.66333443	4.9728094	4.8165877	4.87959908
2.52442894	2.54319159	2.57283163	2.62587903	2.97961815	2.93683803	3.12774614
4.93049007	4.47267964	4.53475565	4.74186463	5.18382235	5.06431046	5.10656538
1.95413091	1.85777057	1.92177151	2.40761994	2.86891323	2.61881793	2.42332015
2.89688159	2.60234166	2.78637155	3.13476026	3.3895017	3.25082666	3.42712495
3.73636145	4.19573461	4.0496216	1.81143527	2.24269613	3.23045785	3.17774987
2.33100897	2.59686624	2.7082889	2.31823311	2.5131083	2.72537912	2.7901172
5.63540758	4.99994364	5.19812434	5.11730008	5.43527162	5.16252103	5.08374422
1.47770199	1.47213966	1.8257472	0.57335078	0.90608049	0.78777937	0.69037131
0.08208776	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.54859529	4.85051094	4.76766722	3.08812238	3.30974061	3.89653133	3.75963848
3.71514684	3.35520607	3.54236046	3.70489296	3.78431646	3.88782637	3.91839924
3.57772541	3.45395394	3.45337851	3.54445873	4.02154919	3.99682206	3.9635701
4.26381179	3.95449911	4.03679278	4.94540039	5.30461775	5.30794699	5.24668367
3.73834971	3.20952688	3.50555286	3.82239449	4.17866962	4.13729727	4.12912929
4.08523089	3.69586076	3.77638712	4.61986694	4.9986266	4.92000959	4.93227344
1.00E-04	0.00641438	0.01153802	1.00E-04	0.14984264	1.00E-04	1.00E-04
1.00E-04	0.07166845	0.14154867	1.00E-04	1.00E-04	0.03361934	1.00E-04
0.15299205	0.3480811	0.61483301	1.00E-04	0.67674864	0.15222641	0.48743537
2.54156419	1.82665047	2.30996531	1.07424311	1.78832407	1.83579178	2.08508277
0.96063291	1.42845766	0.16508482	1.00E-04	0.1654095	0.38082677	0.1093802
2.35662676	1.13612707	0.88228713	0.39696242	0.20541464	0.12097492	1.00E-04
2.87614893	2.36906617	2.55980121	0.30143229	1.07409073	0.72747152	0.04015628
0.03771447	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03888463	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41035031	0.1162359	0.15041769	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.3021794	5.81453338	5.66743804	2.29200789	3.03429	3.62827759	3.55848686
1.22427749	1.30920809	1.52436977	0.94651619	2.15327802	1.99158788	2.38564515
1.34184896	1.97711308	0.25776015	1.00E-04	1.00E-04	0.69314954	0.21032863
0.08974182	0.051098	0.47373423	1.00E-04	0.52015108	0.07740754	1.15201576
4.93547657	5.0053169	2.95598954	1.33261384	2.06898373	3.22011582	1.92379333
2.30954759	2.70240694	2.29257739	0.26291243	0.87150794	1.06289814	1.03558003
0.08472867	0.25596244	0.28340908	1.00E-04	1.00E-04	0.0881062	0.20899216
0.57992719	0.70119139	0.7592716	1.00E-04	0.33976264	0.32916184	0.12214019
1.00E-04	1.00E-04	0.06468025	1.00E-04	0.0301277	0.49134968	0.5723944
1.77603745	1.94196431	1.86280727	2.36911296	2.29504684	2.20885123	2.19890273
1.33630735	0.9549529	0.99593554	0.616547	0.82918157	0.58339681	1.19258262

0.21590613	0.25076077	0.36117897	1.68232223	1.58530246	2.68279357	2.79722695
3.50370759	3.19227041	3.31054088	0.57684745	1.75105183	1.46123496	1.38214957
3.56013129	3.20820959	3.53114908	3.64939289	3.74776141	3.83911221	3.84289453
0.57891053	0.60183879	0.6954527	0.61293762	0.73045409	0.21981378	0.53811522
1.69056878	1.47436806	1.69540499	1.97872903	1.83768756	1.72814355	1.936959
2.90233056	2.70981946	2.76173186	2.0741676	2.53762458	2.25113247	2.51423773
1.13272647	1.26784611	1.42537412	0.22048533	0.73189017	0.10958453	0.22300244
0.48062147	0.36205233	0.27058645	1.72107112	1.47587303	1.63890958	1.69577395
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62326179	2.63676772	2.65245882	2.23451888	2.67122311	2.68117513	2.86479317
1.00E-04	0.01067156	0.0312279	1.00E-04	1.00E-04	0.2163034	0.2188307
2.99823434	2.99504575	3.07848141	1.85772126	2.26331269	2.00420083	1.8568051
0.5632257	0.97046774	0.9653253	0.09600186	1.32593456	1.41073782	1.41074902
2.48625083	2.75299325	2.91992473	1.44970247	1.704975	2.12740397	2.51854232
3.97599662	4.36421883	4.23084056	2.83167186	3.30553379	3.85575409	3.76676972
3.28775192	3.15638205	3.22226039	3.21346456	3.57806637	3.64222476	3.71927224
1.7134513	1.85210443	2.04686666	2.33975506	2.47691458	2.63016932	2.81463596
1.8710996	2.21255249	2.38948944	0.81625789	1.07825508	1.6480358	1.55886268
3.45680414	3.75487203	3.70028287	2.89311223	3.10884161	3.18676134	3.17379469
4.3762	3.94387677	4.02522471	4.33469868	4.6021282	4.6142093	4.53776991
1.54746951	1.28930669	1.5033108	1.37119397	1.32318402	1.20042859	1.75454734
6.36317525	6.2843739	6.19752748	3.82377914	4.35972166	4.49248271	4.30881201
3.10474251	2.76725414	3.37369639	0.7982861	1.5570693	1.37639671	1.39403943
4.12040929	4.6194806	4.52210552	2.13406661	2.50155347	3.22940488	3.27156087
3.40668749	3.65466997	3.5148099	1.87036954	2.03833459	2.5976063	2.4362375
4.82504797	4.53641675	4.65259478	2.2646007	2.70933999	2.65017502	2.7799932
2.1550241	1.80494361	2.05688761	5.50119624	5.74157328	5.75507182	5.81977461
0.28019329	0.12653035	0.11108626	1.00E-04	0.29014055	0.28279294	0.32200678
2.23988244	2.31909075	2.3807114	2.19190716	2.28648488	2.30436491	2.54051623
0.64133846	0.79691742	0.78081672	1.88205381	1.78676654	2.20865961	1.82817253
1.00E-04	1.00E-04	0.01561092	1.00E-04	1.00E-04	0.15492962	0.05807917
4.22632245	3.84195037	3.79963002	5.08920419	5.25565122	5.1559965	5.29316453
1.43968543	1.54180419	1.45728434	2.6121981	2.46082122	3.02689683	2.98404605
0.5517739	0.45615705	0.66584724	0.31429318	0.65724212	0.73569586	0.69321464
0.15130129	0.30084735	0.37871783	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00966304	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39865297	0.4449178	0.69162431	1.00E-04	0.33096254	1.00E-04	0.17675605
1.00E-04	1.00E-04	0.01082662	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03832879	0.01578885	0.01666506	1.00E-04	1.00E-04	0.03400759	1.00E-04
0.23010206	0.13310038	0.40548098	0.13461092	0.45088062	0.24791555	0.05824201
6.31914315	6.40273304	6.41450987	3.60448791	4.03097289	4.38933824	4.16940054
0.85700417	0.70278513	0.72277212	0.2630378	0.70313367	0.03251932	0.13300893
1.00E-04	0.00948944	0.0082102	1.00E-04	0.15127131	1.00E-04	1.00E-04

0.13044266	0.0995187	0.1093197	0.27357156	0.46687558	0.13097743	0.06790812
1.00E-04	1.00E-04	0.00822939	1.00E-04	1.00E-04	0.06449042	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27302193	1.00E-04	1.00E-04
0.08404853	0.06364057	0.02989014	0.16458297	0.79734388	0.32047781	0.48636426
0.17618037	0.03252953	0.07167876	1.68728769	0.72781404	0.19315035	0.14304329
1.24700903	0.5310486	0.48058117	2.14982003	1.85135652	1.06688961	2.06407211
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2302481	0.41594923	0.72033881	1.00E-04	0.2160056	1.00E-04	1.00E-04
0.48867067	0.08846628	0.11971936	1.77298561	1.69469446	1.21681796	1.83578392
0.62262759	0.51994326	0.60303658	1.19129395	1.42375466	1.54888264	1.52757995
1.00E-04	0.00344732	0.0073382	0.46108815	1.00E-04	0.04906107	0.16019665
1.08890663	0.75778125	0.73881425	0.26750654	1.53942544	1.6181075	2.11191602
1.51860504	1.33411633	1.43472531	1.72090194	1.75962489	1.8665588	1.92087384
2.91793139	2.59725719	2.78495356	0.61844573	0.95403687	1.06566239	1.26146548
0.23524005	0.08217909	0.04534994	1.00E-04	0.32898569	0.05655313	1.00E-04
1.7975935	2.04063344	2.04170392	0.95771218	1.56837316	2.00483568	2.10084908
0.33993974	0.15329865	0.32992189	0.60552507	0.62216609	0.89133728	0.81934998
0.03225018	0.00488532	0.00605468	1.00E-04	1.00E-04	1.00E-04	0.07312591
0.18842465	0.08498635	0.10457765	0.76015339	0.12122975	0.31591873	0.59485353
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2789181	2.15900657	2.27080793	1.46842958	1.59958909	1.80029356	2.13545698
0.39223208	0.37333475	0.35446189	1.00E-04	0.14958103	0.05555197	0.3931131
1.57539858	1.58363256	1.64065685	0.73911859	0.828196	0.78642422	1.15749782
4.26216155	4.04065855	4.04578894	4.64491743	4.39643448	4.17650108	4.69084519
3.89493143	3.69123938	3.72821397	3.22791343	2.51053619	2.48645032	3.26356462
0.2753417	0.05424241	0.03852916	1.00E-04	1.00E-04	0.07372178	0.17622558
4.71299278	5.04392696	4.93650792	3.06592991	3.32802957	3.82160555	3.55102258
5.94161919	5.1384599	5.26534097	6.45172393	6.60191449	6.19175358	6.43023719
2.849911	2.98807497	2.99515596	2.27225016	2.51489439	2.76042621	2.78244113
3.91151653	3.29960194	3.73240715	2.7991677	2.82093946	2.44590434	2.62049478
3.63005119	3.57709435	3.79382815	2.96243309	3.26699519	3.46681079	3.63437405
4.02391778	3.62218997	3.82696523	5.52442403	5.83536456	5.5926349	5.39634184
1.11138405	0.86639998	1.71078347	0.3377537	0.55462246	0.2691506	0.18129557
3.26482118	3.52243949	3.55240883	2.07918071	2.81837437	2.91023774	3.08524143
3.36499924	3.80325842	3.72007328	3.39269154	3.46190511	3.83810035	3.54564984
5.15442921	4.43449095	4.69066327	4.2194819	4.34964165	4.08783276	4.34662003
0.41701472	0.13300905	0.15525659	0.28135543	0.15652265	0.12134599	0.15211488
2.52595855	1.53413454	1.58959012	2.28500215	2.26009398	1.92046641	1.82981742
5.36944297	5.09743732	5.33454437	2.37364122	2.79498996	2.93552118	2.84431297
0.34067415	0.16954592	0.13154712	0.32313661	0.50668847	0.23076517	0.71871405
0.57153226	0.35245124	0.43470983	0.57384793	0.48457645	0.59679121	1.05970357
0.3994943	0.3546099	0.31708458	0.67950284	0.54885775	0.32863656	0.48369537
0.03385025	0.04362284	0.09693712	0.26289279	1.00E-04	0.20863323	0.37361074

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14321098	0.08732029	0.09850534	0.97058612	1.38951775	0.48469059	0.6308368
4.09630831	4.71934188	4.59234312	2.06348476	2.43210576	3.59008382	3.53892704
3.72285846	3.37547058	3.43680184	4.04903937	4.40708366	4.1773144	4.15855854
2.6442573	2.49167669	2.47829385	0.14425056	0.62250815	0.82504422	0.87218014
3.43123866	2.98434973	3.22245293	3.03314483	3.16558682	3.24268657	3.32599747
2.72498215	3.14577607	2.95261572	1.52218817	2.26995361	2.30403274	2.31903999
1.00E-04	0.01674023	0.0124079	1.00E-04	1.00E-04	1.00E-04	0.33416489
0.12013398	0.07067659	0.06112245	1.68560883	0.54600124	0.20937954	0.10314609
4.00180533	4.0731812	4.25238255	3.68850835	3.84053939	3.76467411	3.87158618
4.07452592	3.86366243	3.92497208	4.23904374	4.71117483	4.63178627	4.75677418
6.06948283	5.65906228	5.78192068	3.10764415	3.09523622	3.08887814	3.30543195
1.06877222	1.00540532	0.90503364	5.44149744	5.73824646	5.52080808	5.10968884
2.79601571	2.63790655	2.63145967	2.71653031	3.32098596	3.0867109	3.22120266
0.02311388	0.0094498	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.44415973	3.23348523	3.29446157	2.53512271	3.05004926	2.71592573	3.29071035
4.84599331	4.81540017	4.85231096	4.43613594	4.59920967	4.66533947	4.76470526
1.77696329	1.65289685	1.9850141	1.96271299	2.10144102	2.53478007	2.63565986
0.13619871	0.18043692	0.11889197	0.45983833	0.69288953	0.78441192	0.79113617
3.12411744	3.14768085	3.13852001	2.626716	2.53971421	2.68663588	2.67065375
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.78965778	3.78939079	3.77331168	3.75944016	4.01711167	3.88097133	4.01411833
4.54140366	4.56799795	4.7183399	3.74993769	4.42659052	4.79174876	4.80975139
1.00E-04	0.00600479	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.26447027	3.25130781	3.13802401	3.29404398	3.81623851	3.69221618	3.58149834
1.74337506	1.4113661	1.70365227	2.27337609	2.06640948	2.27361204	2.46915664
5.15164767	5.8912328	5.91827909	2.40626588	3.05227364	4.42634775	4.22920018
0.72499642	0.61828738	0.72283342	2.28196125	2.65375374	2.78710065	2.53259775
1.18734444	0.7135285	0.75534331	0.6476077	1.89724024	1.51233943	1.42327256
3.8499454	4.56712233	4.5706158	1.65661755	1.76654256	2.82984942	2.43827743
4.26009056	4.64634035	4.70898928	2.96975711	3.40434186	3.39694884	3.49148872
2.42106456	3.01131698	3.19538313	1.93988974	2.07064609	2.44777474	2.73188284
2.44681472	2.08421861	2.37375886	2.45036525	2.76887729	2.45139639	2.8206374
2.70818472	2.45016616	2.69398385	3.05591525	3.49537238	3.5421856	3.56932798
1.00E-04	0.01528743	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.30863003	3.87595436	3.94169866	4.47372712	4.8219822	4.62923436	4.55944044
4.69159595	4.15037047	4.3098647	4.54363011	5.10407257	5.09686506	5.19472077
2.94547542	2.79419142	2.91040736	2.26547928	2.52194681	2.59247855	2.76514991
2.80918597	2.63649479	2.9872774	2.79015029	2.89809635	2.8743653	3.03261953
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.80505432	3.03374406	2.99359208	1.98088424	2.50341046	2.47765131	2.66178342
2.90023021	2.59963526	2.66885335	2.55282258	3.01255442	3.1986475	3.20916754
2.07898963	2.13550948	2.25169804	2.50203359	2.20796679	2.67348356	2.83429733

2.60736697	2.20843206	2.33079595	2.69822084	2.87687878	2.81922294	2.91958966
2.16679702	2.09966038	2.34947559	2.41734017	2.92729988	2.88136529	2.78718084
1.42718168	0.84491136	1.00524889	1.51487487	1.94777922	1.5578359	1.76421633
4.74745053	4.32509961	4.46695481	5.00347976	5.40737652	5.55303735	5.5127157
5.14809823	4.6208568	4.79069633	4.8967738	5.19012587	5.13628969	5.11267572
3.94371694	3.88270013	3.98449834	4.16867203	4.46679832	4.34658351	4.5553899
3.77631481	3.50312056	3.59658002	3.8261471	4.18521619	4.12579592	4.08716315
0.06449349	0.02649371	0.08058044	0.29106499	0.08674794	0.0531976	1.00E-04
2.53270642	2.64932918	2.71571447	3.14760096	3.32086592	3.07680775	3.16971149
0.09622548	0.39686351	0.80623571	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.76003762	2.14565688	2.29264672	0.65224257	1.17624848	0.80971753	0.77820224
2.33336964	2.0356116	1.9017809	1.00E-04	0.38986624	0.48456039	0.37119262
0.19403869	0.15942842	0.28072138	0.94572127	0.51765958	0.60364123	0.4517712
1.01857334	0.37834016	0.40337959	0.92707182	1.95718287	1.29749016	1.17584019
0.10034354	0.14130767	0.12691505	0.18194447	0.84348357	0.3166455	0.2089796
0.56247484	0.47868337	0.66832886	0.86333536	1.31302707	1.34177622	1.70668308
1.00E-04	0.00401394	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21869492	1.36309297	2.04647845	0.28084913	0.19061282	0.35990309	0.52823742
0.47742664	0.22039286	0.46629272	2.56675962	2.15562541	2.87035862	2.30614606
2.48963296	2.44694827	2.69738925	1.44952003	1.638211	1.63833619	2.00125026
0.06872206	0.16274936	0.11718524	0.36464275	0.70316842	0.54597935	0.75060742
2.96282435	2.9289958	2.98915772	1.81409345	1.82167546	1.51526343	1.79778522
0.02359151	0.00853693	0.03968044	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45652633	1.21819356	1.38012311	1.24472191	1.39778937	1.31618892	1.35849385
1.395193	1.78692039	1.98056751	0.54286866	1.07327236	1.22057798	1.14804886
3.02524374	2.90283206	2.99671225	3.39651187	3.85652585	3.84205286	3.98299248
0.6140796	0.65455852	0.3991818	0.24572491	0.1758733	0.16236603	0.14728546
4.17045138	3.59661118	3.7913409	4.55134953	4.87229845	4.76778185	4.7963424
2.97240581	2.60256746	2.74972075	3.2150036	3.4061944	3.51328002	3.84038703
3.8008479	3.68527811	3.85145431	4.32861672	4.63039784	4.67472971	4.75266816
3.22364456	3.21027302	3.23737386	2.460477	2.61750531	2.97883282	2.7810823
0.54757573	0.36058164	0.35643288	0.81377591	0.84242661	0.58903544	0.5687216
1.02778134	1.04354381	1.39489384	1.56876372	1.90632333	2.19351896	2.32815572
0.2249133	0.22461442	0.32665447	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47479428	0.05719303	0.07055958	0.33259981	0.39886936	0.30473062	0.12725088
2.85140233	2.98566056	3.09967496	3.02917868	3.21499729	3.24018183	3.45695954
3.14009854	3.09844659	3.17834535	2.92365046	2.98611973	2.9841598	3.14947984
3.55956725	3.82566441	3.82399771	2.6060597	3.03462736	3.34287298	3.41579633
4.15558311	4.63174401	4.65081804	1.71726368	1.76034537	3.05283649	2.94648475
4.43269126	3.82185124	4.09924651	3.81410474	3.97504657	4.00427485	4.07275383
2.65038613	2.41611804	2.63723044	2.67331572	2.87474767	2.75886096	2.69958069
3.63426605	3.71813754	3.73972273	2.98774836	3.39112024	3.43936155	3.37954059
3.14352531	3.61642969	3.62918075	1.58203212	1.89343251	2.54244145	2.62355604

3.69635279	3.5352542	3.64747139	3.56944744	3.98189209	3.99623704	3.87095797
3.05278922	2.51048178	2.74301465	3.78374948	4.02865854	3.97845175	3.89821933
2.81891516	2.32600761	2.29359652	2.20605323	2.25331359	2.14074823	2.05520769
3.55676538	2.96244219	3.13001478	4.08188808	3.98691558	3.93113876	4.00071575
3.11349634	3.41639056	3.43330661	2.7138779	2.97018734	3.16222259	3.24871569
0.04693832	0.07639851	0.08108192	0.29093102	1.00E-04	0.02732611	0.1316192
3.56737853	4.05402775	3.92714962	1.57464406	1.76646177	2.75783838	2.48246768
2.82383662	2.87366236	2.85419699	1.93722145	2.02789762	2.39857368	2.09590856
1.53584446	1.24172937	1.3156026	0.63444675	0.40914365	0.52475327	1.04483564
2.82659414	2.56565582	2.81967042	1.31298862	1.51140196	1.9060715	1.89975812
3.84030171	3.77972237	3.97150636	3.79178744	4.1667202	4.09675691	4.17673442
1.56297926	1.35899221	1.46153223	2.53227536	3.0022492	2.98863819	3.0636108
0.10186655	0.07857386	0.11833386	0.17948788	0.17680121	0.13783369	0.08725986
5.26532184	5.22728956	5.0457112	4.42304392	4.63085814	4.65604869	4.54375611
3.81842226	3.46828789	3.68143442	3.82395188	4.23259464	4.17287713	4.25358739
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20596719
0.55130158	0.19791377	0.19384916	0.14295818	0.51170541	0.4088384	0.45146863
4.19671839	3.86699565	3.8991894	3.06996143	3.82053044	3.86649112	3.84751821
3.82286218	4.1581035	3.64072135	2.06719683	2.65417389	3.12743295	2.81678421
1.00E-04	0.06915154	0.05513708	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04318245	0.06317864	0.02492251	1.00E-04	0.1022858	0.08843303	1.00E-04
0.61252287	0.58097226	0.74045382	0.27753186	0.22206976	0.09455801	0.27924292
4.61629588	4.97900493	4.85980039	2.44651818	3.16284603	3.76820163	3.8684547
1.37578477	1.41979693	1.53951386	1.06901469	0.92359462	1.28917594	1.34586769
1.04607401	0.62872695	0.46018275	1.09524459	1.21807596	0.81958209	0.54529525
4.25154552	4.60939417	4.60287633	2.58187951	2.45643711	3.47656478	3.26447404
1.92278179	2.587412	2.67727545	0.97162658	1.30044074	2.64197795	2.91793312
3.44327531	3.50790089	3.48316686	3.65667428	3.93659701	3.92697251	4.00564326
4.57351157	3.87078947	3.9807504	4.65617233	4.99773161	4.8136052	4.7994663
0.94711691	0.7373756	0.93153393	1.59291445	2.07481095	1.87558399	2.08223393
5.20336713	5.22472532	5.28608581	5.56969106	5.75782763	5.77044323	5.95422063
4.13647713	4.33122747	4.21871166	3.41461651	4.05331881	4.2713223	4.34295623
2.95338219	2.67142406	2.80088439	2.67719006	3.22949036	3.17691787	3.24435326
1.98935157	1.87764999	2.12638872	2.11676161	2.24790832	2.32164097	2.55767501
4.47837854	4.55103576	4.57747086	4.42520183	4.7387052	4.69790582	4.65302357
3.30559739	3.41758221	3.47886877	3.22074611	3.40203399	3.39141365	3.49224522
4.51447772	4.54640557	4.45741728	3.95283621	4.39946795	4.44370777	4.40407365
0.02435772	0.04078161	0.09376454	0.3972059	0.36937657	0.33882615	0.20405913
3.20631199	3.41453285	3.40528209	2.8103654	3.07328822	3.22816344	3.28276782
1.72011418	1.65626448	1.71264272	0.41031561	0.74315081	1.00448823	0.93385436
3.67435604	3.13058293	3.32828741	3.78359278	4.09641479	3.57767144	3.64754163
3.85721636	3.85170046	4.04665171	4.34341701	4.72559961	4.97431459	4.96367035
3.93327789	3.73715308	3.83163567	4.15986916	4.29215932	4.44309409	4.45052475

5.34604792	4.94587716	5.04865211	5.20265451	5.40508801	5.39779354	5.40123974
4.08254262	4.3446018	3.95343007	4.34002345	4.78702076	5.09448931	4.7135355
0.24554115	0.23115672	0.21704192	1.00E-04	0.22876047	0.05349592	1.00E-04
2.54972697	2.74993339	2.75040436	1.67759776	1.80593837	2.04031281	2.07503928
3.96086764	3.70582884	3.92249852	3.91180649	4.1424731	4.02030154	4.19522629
0.4478639	0.23036335	0.36199447	0.44164585	0.09594659	0.74677999	0.24687877
4.6541209	4.80852769	4.74267006	4.52306086	4.84461709	4.91316542	4.92429423
3.12454465	2.98061371	3.0138077	2.64637977	3.03326903	3.15273506	3.08700344
2.93164257	3.18813424	3.18638586	2.46096873	2.83695663	2.83111474	2.92381221
6.07715758	6.33474206	6.10329768	5.68481092	5.90773508	6.13086915	6.21748548
3.7881055	3.71577653	3.82541322	4.2996968	4.56049562	4.65250659	4.63897398
2.05693431	1.72078989	1.83850647	2.41645384	2.67130001	2.51601758	2.42870553
3.27930435	3.1421593	3.11743634	3.57132179	3.86043949	3.84273683	3.78787753
3.53493081	3.72790242	3.75734523	3.41938847	3.66817155	3.67955867	3.7275635
2.35706348	2.12508095	2.33739467	2.75540808	3.20389303	3.15815376	3.2271192
5.76727686	3.73436926	4.01050495	3.99188323	4.99412088	4.25252697	4.15995516
2.82746154	2.59361909	2.810965	2.62190642	2.88595914	2.8464995	3.16060897
4.51396654	4.39240691	4.54708427	4.77283188	5.17834743	5.21459967	5.30272472
5.19279885	3.16820892	3.70763044	3.93811791	5.29994203	4.21954787	4.12172466
5.3172757	3.75719313	4.05111127	4.07256869	4.73422645	4.22167774	4.28434544
2.60332403	2.29438913	2.40537118	2.93746093	3.11056387	2.91032164	3.12499612
4.00917526	4.11892075	4.1820036	3.73023341	4.05141707	4.2112205	4.21248819
1.99568284	2.0231019	1.98926639	1.2687007	1.51955906	1.82025816	2.10788823
2.6548725	2.64434802	2.60854943	2.32043385	2.15613382	2.37883671	2.23991196
3.29281342	3.39263576	3.28564955	2.52899618	2.96684471	3.03086007	3.11300253
3.44872553	3.73969462	3.63318434	3.4716145	3.70142291	3.76557503	3.99462155
2.66320466	2.34248806	2.41957881	2.78092053	2.92702613	2.70155614	2.93569485
1.00E-04	1.00E-04	0.02576181	1.00E-04	0.15354876	0.05020748	0.18599539
0.28701751	0.00500649	0.12538351	1.00E-04	1.00E-04	0.02787537	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00401069	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17500014
1.00E-04	0.01620417	0.00449597	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00808251	0.03295605	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0330996	0.018847	0.00509857	1.00E-04	1.00E-04	1.00E-04	0.07421728
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0051188	0.01394978	1.00E-04	1.00E-04	1.00E-04	0.1093802
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.88571591	3.11207541	3.34174311	2.40844483	2.59724043	2.86649037	3.28919378
0.76156968	0.74939447	0.89712542	1.18605439	1.88301368	1.75915387	1.62342747
4.71173288	4.84976296	4.91119014	3.96779119	4.44921155	4.52780825	4.65993736
3.17243197	3.31831813	3.33445787	2.61873783	2.73174898	3.01498793	3.29402625
5.64605852	4.85301871	4.98871425	5.30823814	5.65230383	5.51298037	5.46524594
6.77814141	5.78400691	6.00501072	6.02691806	6.15949833	6.25354019	6.25203247

2.31295917	1.88089069	2.09216033	3.3330133	3.55161895	3.45989347	3.62041665
0.28528375	0.27299824	0.22428889	0.57307515	0.24443968	0.29833828	0.28761735
0.55441148	0.41384728	0.43435076	0.78882332	1.53663152	1.10140589	0.41311489
2.56288104	2.77033435	2.68929329	3.54346931	3.66387782	4.01078777	4.04073979
3.575886	2.76594316	3.00473373	4.14476433	4.38690657	4.10661084	3.64240426
6.54570018	6.01671928	6.10214482	6.29865411	6.5159184	6.32893125	6.33635578
3.37467573	3.11703039	3.30352695	3.13027877	3.4282459	3.51648913	3.6092336
6.16880308	5.90555437	5.79961583	5.23976387	5.49751059	5.39388497	5.30227793
5.83854613	5.54785304	5.04937142	3.78614318	3.84640317	3.64925014	3.94209978
0.93234451	0.29972395	0.56615381	0.95549548	0.96775042	0.47425297	0.22754242
4.35239448	3.89307716	4.08206096	4.50571007	4.83292894	4.83197702	4.89130224
1.76421274	1.24797654	1.5566098	1.79636402	2.24909911	2.02060372	2.43836231
3.69291796	3.7531935	3.82843135	3.19593744	3.57031852	3.67520667	3.77048377
0.15708876	0.14230839	0.12035862	1.00E-04	0.49621877	0.0620893	0.26866855
0.20653844	0.1242985	0.23680189	1.5161343	1.6219595	1.8388235	1.88660753
0.19988485	0.26913819	0.24814685	1.00E-04	0.38040286	0.46177895	0.09870371
3.55397776	2.95230232	3.2936569	4.18562291	4.44457373	4.25016969	4.42653783
1.4926733	1.14932942	1.7260967	0.6279509	0.71409754	0.96862764	0.88826873
0.65774156	1.05175643	0.93399591	1.00E-04	1.00E-04	0.52833771	0.15643491
3.68259628	3.62364954	3.87798082	1.62041879	1.76242477	1.735769	1.96071422
4.82204415	4.39312145	4.54406044	4.15367002	4.22131071	4.26217973	4.25683511
4.03340114	3.91809988	3.96391168	3.66774391	4.16942321	4.16083888	4.11250176
3.37358183	3.79525632	3.75343322	2.79790176	3.27260246	3.48188984	3.52347849
0.29239806	1.07149812	1.05180493	0.26348264	1.00E-04	0.69127255	0.43854017
0.35455081	0.23786595	0.30804966	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.02409102	2.46366032	2.57215424	2.62504126	2.77622048	2.7106481	2.75802182
3.78341203	3.85005377	3.85351129	3.33026752	3.60174094	3.77024897	3.92265859
2.0387816	2.03469413	2.09342407	2.0065843	2.59288397	2.40128477	2.43977127
1.41040142	1.10673383	1.22021671	0.84525073	1.82209122	1.58452099	2.24228673
3.62994334	3.88488601	3.94021537	1.49080894	2.25550996	2.43148463	2.69458394
3.42299579	3.59253042	3.54982321	2.7686069	3.36815558	3.3437834	3.41765832
2.34786521	2.30429523	2.25262146	3.04375368	2.87946861	2.92195737	3.14060346
2.28433044	2.47647665	2.38584446	1.61537429	1.97630103	2.09075972	2.43041599
2.79989236	3.18721372	2.80204428	1.31161115	1.40596982	1.40455082	1.74728166
1.00E-04	0.11211961	0.03621536	1.00E-04	1.00E-04	0.13010691	1.00E-04
4.7981117	4.443789	4.48872009	4.71233358	4.97428085	4.7643176	4.81944013
0.78299513	0.91746625	0.98065032	0.70543182	0.39597319	0.65930411	0.83789324
0.34424369	0.68914439	0.60776592	0.4366188	0.01838291	0.56058809	0.58809921
2.69891437	2.2106797	2.39505011	3.23539668	3.46913545	3.20883797	3.17455033
2.51266499	2.41354624	2.50773363	4.78452242	4.88092878	4.6166908	4.72500079
0.29898287	0.22627991	0.21700118	0.34138624	0.72908225	0.75020345	0.67159929
3.63247013	3.16478781	3.32629599	4.42529858	4.80179235	4.77698084	4.36884555
2.42701952	1.99932557	2.02048953	2.71997234	3.25061363	3.03701551	3.11807481

2.16649039	1.72744879	2.41478006	0.68370093	0.78770493	0.96629439	0.61231908
5.74548406	5.26330209	5.27550235	4.14273358	4.20152507	4.32209678	4.26044221
0.75282478	0.26812811	0.4326719	1.20389454	2.90202897	1.8142466	1.25757683
0.84532212	0.11003265	0.10352781	1.00E-04	0.16235082	0.10437099	0.13672127
1.52361508	1.51817724	1.49033338	1.24347607	1.78391705	1.64914673	2.12226445
3.51431517	3.21135784	3.37781007	4.33575976	4.52442411	4.49465346	4.58932858
4.5516875	4.07839603	4.30869753	4.45129545	4.60735387	4.57618746	4.64406046
3.49750097	3.41248499	3.59422267	3.6234935	3.74264083	3.87408771	4.02313465
2.59049266	2.7593717	2.85767814	1.86244753	2.57129569	2.70517643	2.91988302
0.51608835	0.38859963	0.61158272	1.07359925	1.27153671	1.63308371	1.31230103
3.44259686	3.00934824	3.2462855	3.51082551	3.78771289	3.66565037	3.85768611
2.74580679	2.61214605	2.59319589	1.03578575	1.20862095	1.51481457	1.12487476
0.74270394	0.4213441	0.75172471	1.24126006	1.30130861	1.12761657	0.88123524
1.0844187	1.25859519	1.48166651	1.23861318	0.94540772	1.40443185	1.70957077
0.23878361	0.17861311	0.25709587	1.23959831	1.13737161	0.87760902	0.83128773
2.05208554	2.1448653	2.21967817	1.67252675	2.23046413	1.90725805	1.72377293
3.15200417	3.57671471	3.4788083	1.82476946	2.4865128	2.86962153	2.86376172
3.70638282	4.24090734	4.10828584	2.09475526	2.52234775	3.01992736	3.0419632
1.94872844	2.1366019	1.7105525	1.68020401	1.9759106	1.74002299	2.04090255
1.54461752	1.28304535	1.43074577	1.69649198	1.59502529	1.63398317	1.71275438
0.2030259	0.09330979	0.18323207	1.46682773	1.38865573	1.3883794	1.2038948
1.00E-04	0.0356258	0.10630397	1.00E-04	0.21810398	0.08106589	0.209702
4.03244735	4.07974163	3.89929849	4.40539262	4.37760038	4.45546706	4.45016866
1.47031064	1.93759821	1.91996201	0.43674613	0.2390214	0.67607011	1.11545135
0.3330031	0.24405236	0.35807701	2.4662279	2.25159392	2.34192036	2.60440466
0.96016011	0.55484293	0.78698469	1.32174936	1.22117753	1.12141162	1.43201167
4.89297176	5.32886952	5.17566489	3.32537428	3.57905542	4.01065495	4.11778564
3.69428066	3.34047274	3.50892184	3.8664833	4.14843458	4.14505056	4.15558844
1.00E-04	0.02675286	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12830646	1.80954758	2.23297406	0.71084099	1.86930937	1.62314639	1.86859985
5.17125759	4.884128	4.94962548	4.70821183	4.81557603	4.73145579	4.77745527
2.2729285	1.86893477	2.12692649	1.65019438	2.14670799	1.93236847	2.12875558
3.94914444	3.65211106	3.78381919	4.44739448	4.59875436	4.38130816	4.54065951
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2.65999314	2.52670808	2.78810212	2.51206076	2.19896061	2.58532761	2.77289021
1.49351453	1.16768974	1.34856474	2.12416642	2.38964264	2.2744374	2.12968736
2.7569435	2.37780416	2.4538753	1.86253926	1.88604041	1.82451811	2.21948869
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4.08148405	2.76997767	3.12088973	2.27352611	3.50400723	2.70936299	3.20995984
3.69469221	3.55168223	3.65414669	3.77050556	4.18617172	4.20389096	4.14215215
4.4590198	4.19837134	4.41408887	5.02157811	5.33295311	5.15754146	5.14376131
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6.15692491	5.65877645	5.70532958	5.83736958	6.07008813	6.04089113	5.99145242
0.67097549	0.29053098	0.55908636	1.50914963	1.69972215	1.49948714	1.40520885
3.94660763	3.6036605	3.70550231	4.44967144	4.55160459	4.52778173	4.54923308
3.89221162	3.55448037	3.74510684	4.6818674	4.80012646	4.66468552	4.81744872
2.10838097	2.07510755	2.32363336	2.02755392	2.55401246	2.96695121	3.08330702
0.32451954	0.30661053	0.37704023	0.38281388	0.73892469	0.24516397	0.36864272
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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5.83632574	4.88720994	4.98848175	5.90470478	6.08974968	6.03833519	5.87332392
0.51981708	0.19831561	0.25877348	2.93442155	2.53363058	2.24239024	2.43350489
4.89706149	4.40195436	4.44252625	5.37209788	5.39106699	5.49047358	5.36722159
0.22896063	0.1390414	0.11433801	0.20066746	0.2405364	0.09559671	0.34232266
0.17462069	0.17688796	0.08174809	1.00E-04	1.00E-04	0.10263576	0.16100803
2.45911693	2.31649258	2.43362308	3.02088711	3.10642295	2.98772313	3.29645538
0.13854848	0.18053762	0.10172768	1.06676823	0.44298254	0.20967383	0.38267895
0.12319305	0.01238386	0.01059681	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.27232656	1.6266778	1.82198036	0.92861902	0.51603057	0.26739477	0.39986284
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2.56736699	2.5160528	2.64284973	2.76852994	3.07610212	2.86980978	3.17178586
3.12566429	2.74621213	2.95720758	3.53603349	3.86786336	3.81872026	3.88342933
4.92460763	4.26509416	4.41243824	5.32462446	5.51721132	5.40090926	5.43245252
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0.06300628	0.05746118	0.11097655	1.00E-04	0.02237225	0.17582417	0.29159832
3.26863223	3.20475464	3.26218183	1.93447104	2.66109585	2.09715843	2.48507493
3.30165454	3.41544556	3.47668142	2.69849043	3.15500701	3.44943891	3.41494358
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0.25459191	0.04924745	0.10859114	0.0815269	1.00E-04	0.25913823	0.10840575
1.00E-04	1.00E-04	0.01360156	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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3.4208774	3.37673623	3.40861736	3.09240428	3.23273995	3.32123349	3.53170023
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5.5705017	4.98095939	5.07514818	5.68317151	6.0602605	6.07278203	5.98850255
1.86735734	1.4163635	1.57672484	2.43008099	2.76405899	2.65505967	2.92472874
0.68229823	0.81202685	1.1357489	2.87520174	2.70483989	3.04899586	3.24216818
1.62529355	1.60291718	1.87170849	1.16464416	1.34537727	1.09429667	1.07177085
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0.89398629	0.63524189	0.97193793	0.60968023	0.51273947	0.4853462	0.37150232
0.08802158	0.0415457	0.03397057	0.5386261	0.60156475	0.84940849	1.1157399
3.78352427	3.37497734	3.4822617	3.89458	3.9580237	3.87841128	4.02341388
0.37441717	0.24639317	0.31327886	0.22596183	0.86900602	0.47996889	0.48979179
0.0404518	0.01147794	0.02793854	1.00E-04	0.33167618	0.11850684	1.00E-04
0.60395946	0.16859935	0.31758659	1.00E-04	0.47396803	0.47192021	0.60971015
0.34866247	0.26546812	0.20353892	0.51428457	0.45912446	0.60489657	0.48324071
1.00E-04	0.04655819	0.01090209	1.00E-04	1.00E-04	0.30936349	0.05951814
3.74237488	3.93517953	3.85722391	3.62018199	3.82718997	4.07714886	3.96807638
0.02351573	0.01413336	0.00745577	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00402317	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02418403	0.03429866	0.01161727	1.00E-04	0.27775305	0.124318	1.00E-04
3.00994021	3.6597532	3.54307273	1.19284699	1.17579677	2.52116819	2.45461718
0.8479972	0.86506452	0.93371745	0.53008387	1.11090751	1.23362031	1.45169275
2.23973611	2.47215732	2.42021057	1.21342717	1.24830326	1.60298603	1.36304166
2.0972405	2.0787885	2.32717571	1.51837235	2.04535603	2.0780911	2.00158775
3.70971907	3.76408891	3.5495671	2.32068612	2.77337726	2.72295878	2.81712838
0.05397598	0.11445044	0.56716428	1.00E-04	0.39349413	0.51087763	1.49321912
0.23294259	0.37191966	0.55947513	0.24253877	0.36064402	0.35618652	0.25720179
1.85738289	0.98911368	1.37926728	1.87054201	2.14544104	1.04030229	1.88371764
0.29882012	0.12866834	0.111019	0.48090814	0.40093836	0.32198358	0.51012761
0.0416326	0.03275904	0.03564177	1.00E-04	1.00E-04	0.18698819	0.43706354
0.07975971	0.0874193	0.08604868	1.83731842	1.92342325	2.30545622	2.31668561
1.1725664	0.88395971	0.92612675	1.58317895	1.06166385	1.15628583	1.07942863
1.00E-04	0.0158008	0.0198294	1.00E-04	1.00E-04	0.24929866	0.38416065
1.00E-04	0.00564437	0.06625121	1.00E-04	1.00E-04	0.12875671	1.00E-04
0.15763556	0.14501343	0.11483241	1.00E-04	1.00E-04	0.11619434	0.64789825
0.02779888	0.01331727	0.03103689	1.00E-04	0.09532809	1.00E-04	0.20112089
0.05722164	0.01130881	0.02935417	1.00E-04	0.14736843	1.00E-04	1.00E-04
0.01623793	0.01149261	0.00878889	0.16029145	0.87770118	0.05953186	0.14439045
0.04827784	0.07081048	0.08771422	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.64525135	3.30843799	3.55678558	4.72259429	4.88871387	5.00224273	5.06883959
0.47399773	0.59013636	0.92148117	2.05111458	2.28961994	2.01254733	2.46096299
0.28169574	0.13184524	0.17304727	1.38838488	1.86928106	1.64376376	1.72921596
4.38795092	3.71806366	3.9692618	4.5750083	4.78600181	4.75589852	4.89858248
5.64945084	4.88806764	4.87054517	3.77970407	4.02080753	3.93028596	4.18208684

2.67701569	2.21268693	2.28525019	2.27114597	2.65473216	2.81682364	2.7885716
0.57795498	0.26254236	0.26644928	0.89459119	0.91448685	0.92187392	1.52362542
2.24177044	2.49322431	2.47507166	1.52460937	1.79861414	1.89762556	1.74303871
0.32193677	0.41009259	0.40510649	1.00E-04	0.29325335	0.2919093	1.07382967
1.16545924	1.01837882	1.04521366	0.57374794	1.25365627	0.99623207	1.147152
2.01652579	1.96964253	2.0675084	2.66290901	2.81002042	2.69213458	2.64536673
0.90018986	0.7442772	0.81506806	0.92255245	1.13597481	1.05214571	0.90910031
0.87934613	0.71163166	0.89965668	1.59152866	2.44094313	2.16166707	2.39764902
1.79062207	0.84655276	0.94403665	1.87232618	2.74602775	1.83991702	2.38201259
2.58122371	1.574307	1.59627844	1.83850481	3.10591412	2.33595378	2.82282815
0.81035141	0.2963122	0.36197983	0.47145502	1.3218577	1.75948629	1.70912123
2.60592364	2.01373235	2.20055051	1.7460822	2.34500394	2.31284842	2.51905103
0.84752546	0.6486012	0.75541634	0.95457306	1.490617	1.15533138	1.1943887
1.21412985	0.68215367	0.92967471	1.40217204	2.2616608	1.77040683	2.14701834
2.8389928	2.06466582	2.46989452	2.16082211	3.08172982	2.53096086	2.90001531
1.47408786	0.65390312	0.82141115	1.51095677	2.47509478	1.44199578	1.83638901
1.90539028	1.29678421	1.63861507	1.83951454	3.0389305	2.77636885	2.86844214
0.22416871	0.30667349	0.29011998	0.53000758	0.68117314	0.81001981	0.87438288
2.20659924	1.4652709	1.72198534	1.89014352	2.91481556	2.30330309	2.69414484
0.65797946	0.28277969	0.30302401	0.9192785	1.04798508	0.86196063	1.32790845
1.87351929	1.69359809	1.69566905	0.37231468	0.88973008	1.33731275	1.19777625
5.54258565	5.99367208	5.4817278	3.94322934	4.14163575	4.69254699	4.33605728
3.75070425	3.9616995	3.98999985	2.94908962	3.25015946	3.39162316	3.43146161
2.91202037	2.72520722	2.88863421	2.87288872	3.17938701	3.07778179	3.26182558
2.65253251	2.46447982	2.12102495	2.57062876	2.61170229	2.86367934	2.61878355
3.8441773	3.89038431	3.63404594	2.40551091	2.67917556	2.98972412	2.80416793
3.39416873	3.83405085	3.7636198	2.41610641	2.63070214	3.16538794	3.10589398
3.77890214	3.6234065	3.6836808	3.08924629	3.51574196	3.31186568	3.4190232
1.13065974	0.81289816	0.95596449	1.42879304	1.60747233	1.76886632	1.39058019
4.39196793	4.10730418	4.2404991	4.66539558	4.94201578	5.06172919	5.08722784
2.64181325	2.65252633	2.67099048	2.04539492	2.43928159	2.59278323	2.67680172
3.42509317	3.21001041	2.93020161	3.48992661	3.11391137	3.37595437	3.5439149
1.13911852	1.01766682	1.06370337	0.21203513	1.00E-04	0.30523713	0.09286092
4.98729035	5.0304625	4.96401744	4.82784355	4.88795183	5.10755408	4.99229306
0.07288154	0.02096508	0.03515417	1.00E-04	0.23385798	1.00E-04	1.00E-04
2.35012837	2.46306271	2.49972676	2.15654637	2.1990955	2.68500762	2.76666087
4.57618538	4.17180092	4.28327372	5.7598461	5.85520522	6.2340648	6.10161927
3.50308024	3.33750611	3.38891233	3.02528673	3.28327428	3.39729617	3.38434083
3.55652653	3.04035175	3.25018787	3.5642693	3.84670304	3.74008169	3.79389494
0.13537603	0.17581455	0.16501887	0.39281093	0.24263513	0.44843187	0.32138026
4.7732743	4.24212806	4.39612623	4.42021393	4.59731895	4.39377271	4.52673737
3.21040196	2.73233438	2.85456574	1.97765314	2.18443034	2.42851651	2.49978662
3.69468379	3.9610451	3.92046817	3.41727468	3.91037739	4.11219816	4.05489096

2.7594924	2.59598795	2.66743002	2.64185477	2.77285184	3.00125711	3.23098408
3.60626227	3.21771682	3.4689642	3.5027086	3.73790949	3.71263705	3.68678528
1.85124439	1.78949139	2.0783934	2.17085074	2.20940168	2.49970692	2.59180956
3.47720269	4.00016407	4.00540868	1.49262249	2.37976934	3.11428299	3.05169491
3.77767824	3.59248252	3.73874182	3.97861282	4.38013003	4.57706723	4.58194621
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1.00E-04	0.00778106	0.00737407	1.00E-04	1.00E-04	0.1803382	0.08646902
2.77806627	2.50033884	2.72111239	3.07684643	3.60193824	3.57955301	3.74180426
2.94190487	2.93668775	2.9737255	2.50497984	2.76158838	2.63992817	2.79131616
1.76639957	1.52201301	1.76472449	2.30507764	2.85860591	3.05949424	2.97776197
1.56298112	1.57482477	1.55729092	0.43372585	0.86802402	0.78615291	0.56631537
4.39278025	4.32710325	4.2237127	4.58922159	4.91459347	5.02265519	4.90097483
1.39569983	1.67449708	1.70469532	0.49351886	0.92245981	1.15125459	1.02413766
1.66465898	1.91162664	1.79484487	0.87663653	1.09299282	1.25412056	1.26364263
4.38707128	3.70473459	3.95500234	4.11369625	4.34572481	3.99799048	4.10161688
0.10095291	0.0259443	0.02715119	1.00E-04	1.00E-04	0.29631257	0.11584392
1.00E-04	0.00889448	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26591459	0.83827058	0.87264593	1.80269632	2.02121943	1.54698099	1.48937845
4.15259058	4.04328956	4.06956749	3.91590813	4.31757269	4.24704863	4.36926205
4.13029694	4.41709793	4.42050358	3.10027042	3.2428518	3.50402269	3.69703051
2.68857715	2.71663077	2.86868846	2.74407911	2.73548781	2.95974247	3.05117527
3.05222047	2.70662794	2.81902378	2.52209736	2.6884914	2.13038586	2.42346974
1.92834654	2.03318787	2.07611649	1.4186201	1.72400137	1.82203401	1.70629244
0.54154754	0.49687385	0.41498062	0.75005907	1.47580793	1.43413138	1.26198341
2.69180474	2.35245562	2.54033913	3.49314704	3.48705591	3.60236686	3.65644585
3.07928178	3.53706291	3.54996674	1.62542405	1.51296149	2.36511313	2.41962865
0.26552687	0.41827191	0.40206138	0.3593249	0.35284118	0.76898113	0.62294358
2.04099156	1.11796194	1.0420338	0.1262538	0.10706157	0.29256177	0.08960781
4.38979968	4.91748409	4.88635266	1.87805364	2.58189419	3.0389048	2.97515227
3.54683739	4.12378586	4.14703769	1.133939	1.37005345	2.5740143	2.16029955
0.5768268	0.46123642	0.33056151	0.28652702	1.00E-04	0.20658879	0.6307979
1.06164633	1.59107615	0.85130419	0.74160409	1.73279212	0.9589104	0.87140592
1.17252909	0.81019142	1.1419943	1.57674345	2.40782001	2.25024348	2.08161362
2.73298533	2.99831767	3.06316299	1.26178346	1.74390073	2.27796542	2.3431615
2.32571332	1.7464107	2.28772809	0.63236521	0.97243439	0.69871594	0.85971361
4.42191808	3.89720362	4.05473754	4.12601208	4.52254537	4.48552633	4.55758894
5.03848745	4.69128538	4.74827991	5.37616988	5.65153995	5.54216736	5.42437385
2.15500973	1.64299511	1.98903101	4.19869056	4.42406329	3.71655732	4.29689849
3.02907471	2.28784459	2.42388775	3.27111746	3.61643731	3.38066943	3.52318936
4.45639086	4.37688091	4.58866623	4.07236068	4.20276019	4.09081522	4.14536669
3.74278153	3.77840651	3.88101402	4.18231764	4.22440863	4.06224365	4.24909802
0.6571747	0.38148596	0.62326044	1.36740381	1.33394602	1.15024834	1.02283858
0.13496528	0.11888405	0.21627647	0.74012019	0.36385281	0.26521752	0.26497909

4.01343615	3.31851647	3.37475122	2.57848359	2.98596608	3.07100802	3.10542203
0.27008365	0.18116487	0.17636437	1.00E-04	0.25860998	0.09287765	0.29065942
0.08392472	0.02233658	0.04455126	0.18024006	0.53394476	0.21186194	0.19105064
2.78721535	2.88892362	2.98123071	1.78851591	2.39182327	2.58924823	2.56369877
3.87798823	3.95965292	3.92559218	3.47134434	3.71168173	3.73537724	3.64859526
0.07354557	0.03936398	0.0280675	1.00E-04	1.00E-04	0.08409693	0.39152516
0.09501578	0.0885181	0.11698759	0.724637	0.39062139	0.23357724	1.00E-04
3.31857168	2.9153315	3.04632616	1.85704705	1.9677947	1.49287215	1.83780082
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5.64663612	5.04949027	5.14202565	6.02890473	6.29730041	6.07384886	6.2222686
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5.15592146	4.76668903	5.01815175	4.89772097	5.31168013	5.45872714	4.78753853
0.84320744	0.37281752	0.33489449	1.33544449	1.00502008	1.12017403	1.3740915
5.18964849	4.59895464	4.63908871	2.97714613	2.97076498	2.91104341	3.0816494
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0.22141497	0.06574135	0.132409	0.15353052	0.29639662	0.03698708	0.31351539
0.11710671	0.13339104	0.10353449	1.00E-04	0.23008004	0.29370041	0.87439513
0.3101501	0.22449401	0.2832401	2.3931829	2.30897965	2.52311528	2.90587146
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1.72504822	1.72237261	1.7962503	0.1731961	0.58510666	0.77471167	0.80801681
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2.84682575	2.45625768	2.65173248	2.66011684	3.21086257	3.15650965	3.19267316
4.88787025	4.1352492	4.34214841	4.32163867	4.63110573	4.50081928	4.6280007
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3.56350446	3.18485901	3.03293675	3.40516397	3.66345016	3.24352881	3.2550925
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3.02000852	3.25053442	3.2880672	1.90233467	2.69324874	2.77574356	2.79365166
0.10050693	0.06561362	0.10816447	1.00E-04	0.41749725	0.16193558	1.00E-04
1.98331128	2.56489705	2.35716492	3.0743357	3.16954244	3.10806285	3.58191629
1.00E-04	0.00488397	0.01531623	1.00E-04	1.00E-04	0.06613592	1.00E-04
0.02389214	0.10203513	0.06469382	0.85930915	0.50906848	0.73903671	0.42039218
0.45121381	0.35709895	0.44260393	0.63846313	0.7467857	0.66373301	0.67964355
2.71724094	2.65293027	2.74240923	2.63524413	2.82983292	2.94259706	2.96753499
1.29138479	1.24034228	1.46085127	3.60344712	4.41288569	4.25005301	3.93154989
0.91517824	0.69081917	0.77088173	0.89647761	0.95777544	0.83550545	0.85023443
1.48590739	1.62867674	1.71517957	0.75103039	1.11363686	1.34045134	1.41650147

4.09524202	4.11150536	4.03964645	2.81176279	2.76484356	3.21336514	3.21998246
1.00E-04	0.08112083	0.03150181	1.00E-04	1.00E-04	0.23588463	0.26562673
2.58833806	2.49449566	2.6043548	2.58508392	3.00184737	2.7465033	3.00859705
4.7992923	4.32856676	4.54329793	4.2695805	4.58143643	4.50723699	4.71370238
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3.17934694	3.08375159	3.33425644	3.28388304	3.50900306	3.65003468	3.78234773
2.93290957	3.41514631	3.33123208	1.69306901	1.86224967	2.2460291	2.13019267
3.45680479	4.18088153	3.85082714	1.44046351	1.38354829	2.63007846	2.56615665
0.71090122	0.41699829	0.43598267	0.91193485	0.91315899	1.0643713	0.45160094
3.18891614	3.2745691	3.31942464	2.32211155	2.67691761	2.64460015	2.76808251
1.33176222	0.966471	1.2469583	5.65091837	5.96771557	5.63124299	5.56202504
1.51137205	1.48637854	1.66559923	1.68793563	1.67888719	1.93202002	2.44355818
4.59958562	4.71673879	4.77061787	4.29562521	4.48821835	4.44584968	4.58185159
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3.78451766	3.70399886	3.79505706	3.7307696	3.88160559	3.57812277	3.57799734
0.20100024	0.2276826	0.19618876	1.00E-04	1.00E-04	0.18040795	0.62568182
0.0974959	0.26651917	0.20269958	0.18317528	0.39809024	0.67119982	0.2247014
1.00E-04	0.01838168	0.02395454	1.00E-04	0.17689075	0.07884093	0.16423411
0.04201622	0.08492345	0.05908598	1.00E-04	0.81328261	0.42284784	1.00E-04
1.00E-04	1.00E-04	0.02231808	1.00E-04	1.00E-04	0.09368066	1.00E-04
2.89406846	2.69018148	2.97764519	3.52748337	3.65343405	3.76608964	3.64982967
3.02290865	2.41311927	2.68935749	3.05412808	3.20892654	3.13961205	3.26065175
3.32579695	2.53820096	2.74693462	3.51673006	4.14702251	3.74003076	3.85028004
3.79397925	4.25504934	4.25329304	2.57685402	2.87154625	3.54972487	3.78971347
7.14599056	6.31141854	6.51868639	4.12516035	4.39179777	3.63334528	3.97158703
1.19001257	0.54547907	0.78883581	0.15149614	0.06092552	0.15224942	0.11531388
4.25620523	4.1834711	4.43444646	2.93993765	3.42582984	3.0306287	3.3531196
1.85047795	1.46162549	1.37926041	1.00E-04	0.31252326	0.49359906	1.00E-04
1.3806023	1.18091513	1.17997494	1.50284065	1.05717371	0.74912477	1.17142106
0.04418178	0.09530458	0.20045653	0.38513695	1.00E-04	1.00E-04	0.12987456
0.17024967	0.17013137	0.18553067	0.84312892	0.78614878	0.41819395	0.43501886
3.42945703	3.56276842	3.56930674	2.72757515	3.02712579	3.18102079	3.40297644
4.48230705	3.97103091	3.79159475	1.42308398	1.97685658	1.82789067	1.82889607
4.41850041	4.65492164	4.6484558	2.46375558	3.07240967	3.37569057	3.34915903
4.30703454	4.53452205	4.53736411	2.39789774	2.74414807	3.51119963	3.50871422
0.04031919	0.05540248	0.04592464	1.00E-04	0.15956613	0.2358162	0.06630149
1.27933077	1.19094598	1.34022063	1.66485015	2.12774692	2.11098578	2.25214469
1.32591728	1.08090345	1.20719355	0.67963247	2.03310708	1.98422356	2.08288435
0.24678419	0.04411515	0.03854557	1.00E-04	0.20121928	0.20842562	0.46795586
1.00E-04	0.14131098	0.30454901	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05130971	0.00781535	0.04409058	1.00E-04	0.20448672	1.00E-04	1.00E-04
1.00E-04	0.00660869	0.0167796	1.00E-04	1.00E-04	1.00E-04	0.17500014
1.23049021	0.94635736	0.98957384	0.57430068	1.35080214	0.69199756	0.98030996

0.03950075	1.00E-04	0.08910063	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.03955528	2.95643067	2.98921839	2.95536051	3.28045245	3.24260976	3.26126844
3.03843508	3.17688104	3.08649775	3.00668407	3.15514962	3.17263881	3.11543479
1.00E-04	1.00E-04	0.01699636	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.68752411	3.13252887	3.3995081	3.96394161	4.14266045	4.00758067	4.07411997
0.06374081	1.00E-04	0.0282698	1.00E-04	1.00E-04	1.00E-04	0.1136426
1.00E-04	0.03629233	0.01824534	0.11465013	0.04521075	1.00E-04	0.27445731
1.00E-04	0.04804484	0.11502827	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25873109	0.02981927	0.09410323	1.00E-04	1.00E-04	0.13588815	0.21801139
0.48884621	0.3613306	0.46909298	0.97523105	0.72965813	0.7329382	0.52037072
0.66695296	0.22923157	0.49454682	2.88831696	2.79390453	2.87276037	2.24645053
0.06291658	0.06185886	0.09246171	1.00E-04	0.56502242	0.57880722	0.69581205
3.28339887	2.49837445	3.11939009	0.87143603	1.05564958	0.93563388	1.12186603
0.33203174	0.24519276	0.38487953	1.00E-04	1.00E-04	1.00E-04	0.20489812
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12696814	0.0938539	0.13065251	0.08231455	0.63096051	0.20123243	0.30819419
1.00E-04	0.0203237	0.00719664	1.00E-04	1.00E-04	1.00E-04	0.19658592
2.55419453	2.14043259	2.40874644	2.82236089	3.18340173	3.35671727	3.34083015
0.98881835	0.48182415	0.73525258	0.44981855	0.97541254	1.06549672	1.15162197
5.95180846	5.52542042	5.65286537	4.74492461	4.80006232	4.25912842	4.663186
4.88732838	5.20815834	5.24118978	3.6978046	3.99440462	4.46080431	4.37079348
3.82080427	3.3324536	3.62782105	4.11548113	4.5317075	4.37852825	4.38348804
3.99210872	3.8222585	4.02451621	3.91601346	4.11284177	3.99420211	4.25087014
1.88732717	1.85741798	2.03744866	2.40849906	2.64852758	2.73854083	2.60697026
0.77903101	0.33521078	0.40359121	2.98113058	3.0111368	2.77590307	3.40452243
1.06868397	0.22259029	0.23676308	1.15919717	1.89639537	1.18881816	1.37864633
1.05621034	0.79423489	1.33446316	0.17917999	0.69955268	0.23349662	0.36669307
5.80796199	5.34244754	5.22376543	5.36883139	5.65497994	5.59643282	5.62263955
4.49353183	4.19884703	4.31966947	5.40343191	5.32463875	5.4735761	5.41589519
2.92143979	3.20499248	3.18342539	2.31094052	2.54445076	2.52965345	2.75830153
2.3228121	1.99417236	1.91897444	2.30134804	2.6780478	2.53279675	2.41234306
0.98629477	0.76640035	0.8351256	1.08979132	1.55368672	0.68063622	0.75132604
2.76121076	2.46161914	2.84791992	2.64723668	3.02447728	2.91112197	3.15115716
0.35302914	0.1349736	0.26140285	1.72849844	2.13080146	2.11113918	2.28646488
4.2031215	3.6734028	3.77030932	2.58040517	3.21546409	3.18686534	3.36014239
1.82390594	2.02793213	2.10308386	0.71872231	0.5397544	0.67957576	0.59884837
2.08722008	2.33795299	2.34850031	1.46564378	1.39526329	2.06052754	1.99037263
0.07801544	0.08850024	0.05020481	1.00E-04	0.25325845	0.52929039	0.36856305
0.42306868	0.0107326	1.00E-04	1.00E-04	1.00E-04	0.04438634	0.43555958
1.00E-04	0.00526537	0.04503706	1.00E-04	1.00E-04	1.00E-04	0.15778482
0.53526255	1.00E-04	1.00E-04	1.00E-04	0.13117279	0.10162919	0.15840321
0.2368529	0.22707895	0.31872664	0.30638299	1.31312764	1.25927821	1.50835409
2.31731917	2.48821643	2.47310545	1.58712014	1.92006571	1.75404353	2.32703953

2.34870271	2.17003138	2.40052952	2.50568633	2.82304626	2.88129961	2.78829512
2.18925316	2.36417805	2.42631099	1.96550128	2.39808892	2.27231538	2.40814427
1.43557645	1.49056381	1.62436149	1.57201606	1.50652001	1.69091118	1.91217934
5.75374776	6.31914225	5.81232472	3.86872727	4.15854224	4.74410229	4.32011213
3.04460999	2.90766376	2.67948849	3.36768834	3.81209854	3.82130693	3.27150001
3.57251465	3.51269777	3.65456102	4.02760738	4.1816309	4.27958055	4.42410587
2.79993872	2.86002145	3.12366349	1.92841294	2.33673169	2.4130962	2.82277338
0.51156196	0.43658071	0.63440147	0.84394877	1.55229234	1.86130995	1.92299972
0.020425	0.05302292	0.05988691	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.55208814	2.41417486	2.69710334	4.83400033	4.99117919	4.73952433	4.60492407
3.4877274	3.53400349	3.63723572	3.63599243	3.94942516	4.01471615	4.26414662
0.21360139	0.41868074	0.37819929	0.8526494	0.2749948	0.38365801	0.66262903
2.21052757	2.27912324	1.59028524	1.47501533	1.60357169	2.34788699	2.95070456
3.40044553	3.6086896	3.65897501	3.37869393	3.30069655	3.46088353	3.46618008
3.96155944	4.51958538	4.54307744	1.17426264	2.04830491	2.84090559	2.67117067
0.01906413	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00710098	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91619589	2.09232779	1.94311729	0.99796983	0.84211472	0.87074572	1.34617117
1.36806254	1.25421555	1.37527792	1.02176324	1.0426059	0.79739834	0.49220707
1.27660854	0.43240171	0.70704475	3.43064055	3.32194147	3.11018001	3.24923293
3.59185959	3.25919022	2.72166294	3.44428701	3.24717868	3.19139289	2.86032236
5.07303185	4.85004924	4.79123482	2.10146283	2.95617425	3.10021905	2.97742212
1.83838244	1.68832155	1.96485625	0.91162146	1.85047477	2.13988737	2.399535
0.93784053	0.72719131	0.49348722	0.66540723	1.29474685	1.1479673	0.90333985
4.48005024	4.85307369	4.86835884	3.49650542	3.5756189	4.08038157	4.2005086
0.14183434	0.01448905	0.05592543	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.10000779	0.07982492	1.00E-04	0.58151066	0.58025518	0.44250229
1.91619835	1.91563338	1.96938355	1.32662971	2.04989783	1.9385555	2.03851943
1.42800582	1.65270457	1.66037588	1.32689513	1.64210873	1.95883147	2.09614149
2.84152489	2.85666686	2.92786967	2.21888863	2.50797988	2.31187361	2.38274272
1.56003936	1.74961336	1.64415005	1.1221599	1.33241086	1.68654877	1.55306147
0.13485716	0.15399092	0.130368	1.00E-04	0.45654249	0.36540083	0.40940057
0.21313225	0.4485668	0.424523	1.00E-04	0.96337072	1.3701496	0.93891837
5.32262727	4.63898305	4.72914963	5.36129112	5.74698558	5.59427401	5.59914596
5.27668121	4.74306594	4.91180188	5.21404503	5.39707965	5.23912439	5.23540206
0.26258472	0.33020411	0.25418359	1.00E-04	1.00E-04	0.06844904	0.12404773
4.57534667	4.72460903	4.66731575	3.59492923	3.97190876	4.23794335	4.3108138
4.06421125	3.9282982	4.06121662	3.74598147	3.87670342	3.88679131	4.1448374
4.00762817	3.83612769	4.18198244	3.51193261	3.69279151	3.67660569	3.74033156
4.34955319	3.70527926	3.77957727	3.10028004	3.08103135	3.0573069	3.23363816
3.16754736	2.68468727	2.82355356	2.14390834	2.70296894	2.52456647	2.63470697
5.48600483	6.19270543	6.00599407	2.95348251	3.62842125	4.65957218	4.55182423
3.38702256	3.45720687	3.50055117	2.72681746	2.75135026	3.01625662	3.30001104

5.03505761	5.25937614	5.18570881	3.6383169	4.05477737	4.37296811	4.47762257
2.12068641	2.78265683	2.71543494	1.61844179	2.61098232	3.36808311	3.28031649
5.02315046	4.93353312	4.92385342	3.8308065	4.3612776	4.65832357	4.56263247
3.04470411	3.24458152	3.23285498	1.65438987	1.69747198	2.50726544	2.16500319
5.50961145	4.80056125	4.96259818	6.15855065	6.38196714	6.2712109	6.25102505
1.67257955	1.82825748	1.93479591	1.98421107	1.87407874	2.2615037	2.3499342
3.5419639	3.4697108	3.69597877	4.20232594	4.37222609	4.3048481	4.26899175
2.52663146	2.39676221	1.35455523	1.33967628	1.51021169	1.83855121	1.11313179
0.04197907	0.20190402	0.2379449	0.16942456	1.00E-04	0.04016341	1.00E-04
2.1612397	0.75513241	0.48706612	0.85452746	1.52851492	1.03491486	1.05182816
0.02516988	0.04494811	0.06901795	0.3716674	1.00E-04	0.22423858	0.26541385
1.76259769	1.31227883	1.499881	1.0194383	1.97529173	1.72455096	1.92872314
1.00E-04	0.1387884	0.08358883	0.36660392	0.49603713	0.29574047	0.14160572
3.71890667	3.50353448	3.52782564	1.2294903	1.43093851	1.79629774	1.76931621
3.0952417	2.77175841	2.98720195	3.17418885	3.39472139	3.52739097	3.51380418
0.33792085	0.2773143	0.3910515	0.38799863	0.17266359	0.72419576	0.44911558
0.01914405	0.00843574	0.01314015	0.64484919	0.67719239	0.32844766	0.71294982
4.18611962	3.66069489	3.83523519	4.14295271	4.12422359	4.66468938	4.601959
2.68633112	2.82196721	2.76818736	1.88652853	2.20017511	2.40703012	2.31934144
1.3260502	0.79605772	1.18640843	0.54150218	1.00300492	1.46517829	1.78253552
2.39920118	2.01836961	2.25221412	1.37356357	1.57463807	1.67462347	1.86618753
0.3530087	0.34157616	0.60543877	0.49536311	1.30189065	0.84316006	0.95870234
0.12234162	0.05898008	0.06778137	0.26034303	0.32844029	0.75843654	0.89815247
2.76802619	2.6001216	2.72736656	2.9001752	3.36574663	3.48572378	3.42204921
4.07980633	4.17383464	3.54158396	2.32245983	2.79842236	2.99703956	2.84206317
4.07920426	4.2055283	3.92650423	2.36361739	2.33509862	2.36465977	2.11130351
4.00825183	4.11080248	4.17487163	4.07755702	4.44249085	4.4915829	4.48086835
2.20814024	1.9321088	2.02168374	2.15783363	2.68043137	2.56280043	2.50473336
3.66780081	3.7300723	3.68341703	2.70919354	3.20366891	3.0936962	3.19192887
0.54056096	0.2250085	0.34476885	0.17057044	1.05764054	0.73838793	0.95454105
0.27164927	0.05822677	0.09960434	0.74227106	0.14138669	0.08332819	0.17912687
0.08915485	0.1100222	0.16123845	1.00E-04	0.315485	0.10521849	0.04772625
0.28960177	0.35020591	0.41098227	0.40125326	0.32024922	0.18355386	0.23686224
1.03968268	0.6300333	0.96540707	1.00E-04	1.00E-04	0.18844906	0.43872484
1.00E-04	0.01211971	0.01487326	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47319298	0.19068482	0.19409527	1.4239849	1.16182352	0.74438754	0.83350962
3.41010066	3.74400606	3.72797109	2.32004729	2.79074813	3.07240934	3.05632882
3.09948935	3.54445289	3.52226445	2.2226532	2.38597397	2.97524058	3.16877857
3.61305942	3.95973411	4.0119402	2.10061107	2.815176	3.09770486	2.7173971
3.5047576	3.00062522	3.17449645	3.744575	4.24786998	4.05205757	4.0911354
2.53644382	1.33501492	1.66343978	4.04966473	4.58990738	4.11149217	3.7876101
3.40607724	3.71007141	3.47673515	1.57313267	2.26311663	2.57006423	2.57963077
4.5032118	4.51594196	4.73236387	4.24910431	4.58314754	4.78927197	4.78186409

0.90162817	0.49789487	0.54136216	0.10826087	0.75848358	0.34636123	0.83859896
1.06834448	1.03918162	1.22114695	0.57040234	0.31010841	0.56584515	0.53865122
4.01400394	4.52373835	4.52910766	2.13990255	2.69806802	3.35156937	3.2685828
3.18792363	3.54498585	3.48151831	2.86004712	2.93194145	3.11123039	3.26548123
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3.5582652	2.95222755	3.50352061	0.69008062	1.64434691	1.23059323	1.46809313
0.47573158	0.37461279	0.43055937	0.33697891	1.00E-04	0.6266113	0.63339798
5.15322823	4.39258429	4.47548947	5.01960854	5.30180777	5.09213733	5.0999993
0.03841868	0.02150592	0.04165089	1.00E-04	1.00E-04	0.21950269	0.10863937
3.43010016	3.49792629	3.54359727	3.53960329	3.71961064	3.63900404	3.93389271
2.65439249	2.26058422	2.29219792	2.68924545	2.83070004	2.63709392	2.92953018
1.43119811	1.07563375	1.17308278	2.09806284	2.39139257	2.50108339	2.88371892
0.97810352	0.95068724	1.02527319	0.68897008	0.70882483	1.34161018	0.7797313
0.18048511	0.18160531	0.28951001	0.65126878	1.20678163	1.01886183	1.47568722
0.03781342	0.04070869	0.04159213	1.00E-04	0.31777879	0.43056093	0.44022166
1.21851872	0.78502696	0.92992552	4.05922365	4.24899177	3.9957962	4.33658491
2.55843973	2.23318675	2.32887428	2.75495657	2.65710582	2.8952178	3.17900655
2.20980923	2.20537506	2.33172087	2.46849547	3.00042469	2.47271958	2.73264253
1.64043465	1.71935097	2.00052308	1.16254637	1.58762073	2.08596438	1.91785506
1.00E-04	0.21972993	0.36682979	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01074107	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.166365	3.52465364	3.64511242	4.08642183	4.03181435	4.06921655	4.03787262
3.10059345	3.08921273	3.16123613	3.04342337	3.34716488	3.36616319	3.37506797
3.96231753	3.84047218	3.95154893	4.46965937	4.64336198	4.871663	4.9635258
4.60492365	5.00611477	4.90616734	2.73342444	3.22719674	3.94521614	3.95531203
0.28162433	0.16015779	0.17404211	0.1636441	0.66834534	0.50866276	0.58329782
0.58242694	0.49008219	0.19751216	1.00E-04	0.10235905	0.17351896	0.20949719
0.15927679	0.03722157	0.02339548	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17869476	0.01428635	0.07965774	0.09064478	0.3038571	0.73164593	0.29501017
1.07796444	0.34861482	1.28546659	1.00E-04	0.46835141	0.08047676	0.05284693
3.03942374	2.63366554	2.9191591	3.65767243	3.95015918	3.96990323	3.99496481
5.11719254	4.76991732	4.83818416	4.84164399	4.96367664	4.90572441	5.03516269
3.80508537	3.34307384	3.45314661	4.76195457	5.19794397	5.19969315	5.03123474
5.78337453	6.57874551	6.50017813	4.5677178	4.55795611	5.17648458	5.15853846
1.00E-04	1.00E-04	0.02151534	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.67320614	3.42932377	3.7103257	3.50131365	4.125246	3.85000767	3.82158833
3.16012607	3.10120873	3.23924207	3.4449085	3.82625508	3.85043599	3.8990896
1.71242857	1.92655279	1.9797227	0.91543818	0.56343214	0.89663331	1.09396521
0.82029712	1.10205648	0.94523088	0.21241506	0.53115939	0.55864788	0.65205861
1.48377168	1.49706124	1.55662713	0.9075602	1.36088748	1.55130906	1.74799072
5.96201971	6.95206361	6.80795698	3.62449806	4.06402197	5.41476619	5.42436717
5.28276536	5.99437057	5.91630944	4.22573632	4.40487476	5.14575506	5.31104306
3.32361796	3.7160674	3.71897427	2.56026904	2.93076021	3.17303319	2.99747879

5.54038954	6.40365335	6.28353022	3.7795659	4.20658266	5.19108262	5.26250086
4.97632979	5.74909392	5.64170626	3.84431365	4.01816814	4.7589656	4.79525228
3.95581456	3.54384693	3.88219771	3.55825247	3.50905488	3.76867956	3.75734523
2.0853383	1.97574719	2.10410885	1.41621053	1.74909268	2.31737897	2.69725789
3.97548675	3.30702397	3.53334897	4.54305413	4.78066463	4.61559941	4.71578873
3.83325849	2.7319704	3.12695689	2.16536474	2.47164861	1.96758251	2.14130486
0.33985111	0.45262924	0.42776722	1.00E-04	0.76987549	1.259366	1.22215242
0.82497409	0.8577075	0.84784043	1.41071513	1.5018166	2.16821454	1.84349218
3.37713551	2.68599272	2.91892133	3.85741477	4.19379719	4.0245804	4.34920586
0.94877287	1.01077705	0.99000727	1.79456365	2.14695563	1.75925301	1.98851161
4.45048819	4.5760356	4.64022779	3.68303497	4.07161173	4.195472	4.22482167
4.25741544	3.80992125	4.10117054	4.70485121	5.02126505	5.02727857	5.0963529
1.2854665	1.17490497	1.35620076	1.55836923	1.93258655	1.38078268	1.9593884
1.09435594	0.94598901	1.19981143	0.46176526	1.91898356	1.63947764	1.95904311
1.70751534	1.55416984	1.74917976	2.35319287	2.15936198	2.65003082	2.5448479
2.8179272	2.32895887	2.49050824	3.39644502	3.80686373	3.54290173	3.65563189
0.34290808	0.21420959	0.28992786	0.57138844	0.26588536	0.82411468	0.8608718
0.35653074	0.5427958	0.70835651	4.491162	4.34854637	4.4356075	4.39136427
0.40430674	0.46851685	0.55946905	0.10064463	0.84804477	1.04337933	0.6844336
1.00990472	0.71582987	0.87486881	1.31933243	1.55295771	1.49937653	1.53169414
0.55720205	0.53753393	0.52665298	0.37442385	0.88784602	0.77139212	1.00942405
1.92063497	1.43961546	1.61206582	0.85914772	1.57911191	1.5546574	1.46087478
1.16998805	0.64456261	0.49683656	0.49194624	1.00406408	0.7408511	0.91306556
0.33215011	0.07117401	0.03523961	1.00E-04	0.64976468	0.12244831	0.13976252
4.99359305	5.12284022	5.02962471	3.37587163	3.5151222	3.82717155	3.74245775
5.22717454	4.65805502	4.71161575	4.42640637	4.72837876	4.61067016	4.627011
0.04492941	0.04098367	0.06469312	1.00E-04	0.24654679	0.21690305	0.40062952
0.03865972	0.12626958	0.17759704	0.5159431	0.09925853	0.23706737	1.00E-04
0.09618313	0.13981336	0.17099792	1.00E-04	0.25352676	0.19160573	0.18898954
0.32029723	0.33987109	0.39602785	1.00927026	1.00E-04	0.19909474	0.22061461
0.45689192	0.34703546	0.62805095	0.52183474	1.39374686	1.05528447	1.42816844
2.30365725	2.68352038	2.78391879	0.80159898	0.78440709	1.24050847	1.17823327
0.62710383	0.26787458	0.26111845	0.99435459	1.35596237	0.84682196	0.54159039
0.02768043	0.04174942	0.01115907	0.24302353	0.38480124	0.35846525	0.24182987
5.07081799	4.57593337	4.55082622	4.87053481	5.22218829	5.2299637	5.20583934
0.80497113	0.45786739	0.66947925	1.00E-04	0.61196699	0.71704084	0.47164243
1.00E-04	0.01435081	0.00981497	1.00E-04	1.00E-04	1.00E-04	0.18093189
3.51008934	3.32456489	3.50049828	3.69012422	3.93982452	3.79122179	3.92998467
0.13524404	0.0558502	0.09898049	1.00E-04	0.16980447	0.0888947	1.00E-04
0.0896514	0.03708646	0.03935625	1.00E-04	1.00E-04	0.11452901	1.00E-04
1.77903003	2.5114997	1.89099648	0.30218343	0.29133369	0.6998694	0.47256158
0.80576724	0.95104356	1.00707173	1.13270454	1.23463356	1.17624308	1.32756049
0.25918948	0.08895993	0.07459369	0.27214062	0.06707902	0.21709029	0.3196654

0.28383795	0.11224897	0.31079355	1.00E-04	0.769878	0.20138751	0.41327718
3.55675253	3.36240729	3.56253358	3.98767125	4.09690588	4.02488884	4.11900945
0.33967071	0.4111189	0.36899858	0.42930852	0.41791228	0.26716438	0.35704793
1.62993785	1.98071144	1.92321913	1.31589358	1.47355685	1.59947755	1.55585877
0.9992583	1.62558809	1.75010188	3.02783039	3.22568453	2.79881561	3.13353805
3.76960124	3.77741863	3.39779551	1.99500326	1.91658495	2.12106424	2.04511602
4.62304013	4.82919966	4.68474943	2.14738977	2.49518291	3.03790319	3.17697611
2.35804103	2.35081828	2.49985018	0.31977693	0.83780924	0.12289522	1.06713037
0.03217594	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.6756213	4.08940934	4.27591836	5.16636644	5.29865318	5.31376148	5.40528156
4.39587676	4.34394082	4.35197534	3.74892905	3.76699163	3.75344414	3.84616768
2.94492928	2.65485368	2.5237441	2.95454	3.10592135	3.21426746	3.31802209
0.72823205	0.33977748	0.20879636	0.29058827	1.04626309	1.03300106	0.60496313
0.23394426	1.00E-04	0.01576698	1.00E-04	0.09879804	0.06361306	1.00E-04
4.47563669	3.88503041	4.10772127	4.56832578	4.72132305	4.31377746	4.4536519
1.60126741	1.67475394	1.87013226	1.01047779	1.60587585	1.76164448	1.69271982
3.9198331	3.4042198	3.63929517	2.54027288	2.45435209	2.73835661	2.8572624
4.97866035	4.40048395	4.4605655	5.24712699	5.46761499	5.27788177	5.27596748
2.79085096	2.83687716	2.80740506	2.15477562	2.73537023	2.93668718	2.9482417
2.55031915	2.75694904	2.86287444	2.05285593	2.14329505	2.3771665	2.46919371
4.35154736	4.76900883	4.84104315	2.28473756	2.75517206	3.55481411	3.40185631
2.62123893	2.7749602	2.80871296	1.09776519	2.04641282	2.2362862	2.08426106
1.13991014	1.37303812	1.44346447	0.93296726	0.91320759	1.10396403	1.25070153
2.18555942	1.6834587	1.59462389	1.66089379	1.56108207	1.79243063	1.94208449
6.52735737	7.1565333	7.04762632	4.63696283	5.23201534	5.9978063	6.00349755
2.87482881	3.073224	2.99731014	1.28698794	1.63085302	1.87493853	2.22185641
4.37993609	4.57203764	4.63535689	3.159458	3.61161927	3.92850759	3.98952231
3.2009191	3.46190811	3.4223896	1.89281359	2.47318516	2.81867844	2.7179489
4.0838521	4.59898753	4.50411607	2.13345564	2.8125196	3.49397756	3.53303544
3.75541117	3.91857431	3.92314249	3.48580998	3.79991981	3.94809711	4.02303003
2.7643008	2.78024164	2.85282106	2.98546492	3.22945857	3.16668843	3.31643693
5.43462023	3.68930319	4.21300214	4.37650607	5.48541883	4.42325643	4.5406955
4.31955	3.6946013	3.83089883	4.4951417	4.85660583	4.87099747	4.89932067
3.89191614	3.69306048	3.8279216	3.95040474	4.33555279	4.33549287	4.18987609
2.91601105	3.02951847	3.11593825	2.63340234	3.17672071	3.33665231	3.58072188
2.43505425	2.39619812	2.44393111	2.20081656	2.46730057	2.5099602	2.57387489
4.92938094	4.707132	4.7113103	4.75903144	5.11948196	4.9669189	4.88628277
2.52968377	2.52924515	2.56017952	2.25940836	2.60453032	2.92474368	2.83021837
3.11754146	3.13064476	3.31033782	2.91718851	3.14153346	3.38345379	3.35492354
2.71456222	3.01752071	2.94572951	2.32579757	2.68517664	3.02515676	2.99856355
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4.60045133	4.83797275	4.74666188	3.42166543	4.02035303	4.46765622	4.49701614
3.62133755	3.84574257	3.81325166	3.20227302	3.69336104	3.73960959	3.86972663

5.19670962	5.19155528	5.31199057	5.02926837	5.41877923	5.33453168	5.41598263
3.90430593	3.88835014	4.02275798	3.53112984	3.85090807	3.6854482	3.75920498
4.18605127	4.46421908	4.53249133	3.61080052	4.06382979	4.23816941	4.37177451
4.8507909	5.5490626	5.47237215	4.28181321	4.53557717	4.9055287	4.94275856
4.43421014	5.19412551	5.04554923	2.99206741	3.31863107	4.05307404	4.0669006
4.05718186	4.54344625	4.44112948	2.16958247	2.68663023	3.53612172	3.51658043
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5.26128195	6.01818128	5.87312834	3.32948169	3.8009384	4.75302707	4.8553649
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3.87991427	4.01143775	4.00333099	2.80075763	3.29887329	3.52874823	3.44343203
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2.64678172	2.21782334	2.26613091	2.73938502	3.2166585	3.25116182	3.25528256
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4.79347857	4.80432116	4.70262923	4.17772025	4.40627388	4.40233873	4.52260391
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0.32540844	0.34137666	0.30717329	0.70425637	1.31828248	1.06283722	0.63746208
0.22208204	0.11301846	0.26348138	1.00E-04	0.20792201	1.00E-04	1.00E-04
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0.70348306	0.46273399	0.5385407	0.17410323	1.07947265	1.54282891	1.08465228

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4.05236168	3.64074456	3.90247442	4.86539272	5.12583611	5.09463526	5.08572892
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0.87951346	0.84258487	0.9436971	0.85219658	1.21936368	1.45750715	1.26276139
7.17527036	6.58768592	6.72355669	6.79170812	6.94057767	6.80212692	6.89918235
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0.04228202	0.0437395	0.05631309	0.38976167	0.26062579	0.17531352	0.72293823
2.52717656	2.43111968	2.60368396	2.2877412	2.41520179	2.58337912	2.86325878
3.99840942	3.84768185	4.14997942	4.27281078	4.63915092	4.65239363	4.81642756
4.04627035	3.71224473	3.9951868	3.9286664	4.28145062	4.21179759	4.4179456
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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4.50194149	4.77363714	4.66944748	3.26098387	3.7391372	3.89728346	3.99634312
2.81104375	3.17411489	3.15599193	1.28436585	1.79341748	2.4073423	2.51180232
3.39096601	3.65222121	3.60052522	2.4040773	2.64330893	2.89784707	3.10174313
0.21330338	0.01030456	0.05136722	1.00E-04	1.00E-04	1.00E-04	0.07013404
1.09431174	1.05333618	0.92988968	1.00E-04	0.18808463	0.34838802	0.23459396
1.00E-04	0.02123836	0.06864912	1.29163012	1.76776717	1.56107668	1.74377471
5.43374133	5.0473423	4.98403918	5.40290812	5.32978293	5.4408199	5.42246419
1.22016535	0.33656209	0.69798017	0.25798134	0.4191313	0.39522301	0.61127828
0.60011341	0.32115872	0.65954787	1.00E-04	0.11812304	1.00E-04	0.11981727
2.70474434	2.44092053	2.59298538	3.66294085	3.88924153	3.7546651	3.78747382
3.19648079	2.9106454	3.18314647	3.94457915	3.95036413	3.91046217	4.0814744
3.60761457	3.0238792	3.11253873	3.55397695	3.82425515	3.67865553	3.76142049
4.23913631	3.65353516	3.84814504	4.87477851	5.28629402	5.31370988	5.38542761
2.48518365	2.7890325	2.73547952	1.30834058	1.91626909	2.22850475	2.44258136
2.29729399	2.46895105	2.57349507	1.70359724	2.12918903	2.32641892	2.55479151
0.63768781	0.13990487	0.31336151	0.11614111	1.00E-04	0.06826659	0.15330554
3.92380495	4.13398751	4.20823953	4.55432773	4.69084388	4.686033	4.691224
2.74235867	2.67866102	2.7766508	2.29526632	2.82648768	2.68807944	2.74277411
3.75534259	3.85279683	3.82988302	2.7735334	2.97488797	3.19856369	3.29324088
3.40378941	3.47471698	3.54571306	3.140154	3.52575749	3.75065772	3.63385517
3.69124812	3.67744753	3.69314104	3.28537669	3.71249979	3.63754	3.60880123
2.08440011	2.18330693	2.20918394	1.13950224	1.72358948	1.63492089	1.79461965

3.98001742	4.47199209	4.42518709	1.50405961	1.94135139	2.96350122	3.095373
3.90741015	4.05925856	4.04114356	2.57311693	2.8022727	3.27023903	3.4352847
3.24389628	3.31993409	3.31184549	1.93319078	2.41267871	2.67920476	2.87990087
1.7876374	1.9278288	2.0624566	0.7210458	1.01197567	1.48453006	1.32531443
1.00E-04	1.00E-04	0.0418383	1.00E-04	1.00E-04	0.10102612	1.00E-04
3.21292057	3.47836761	3.50600399	1.63359095	2.30243951	2.69190031	2.6337167
1.0650615	0.84111665	0.87210099	0.46019514	0.72001482	0.52190389	0.47900306
0.01649813	0.1385131	0.13998721	0.23338503	0.14937241	0.15440224	1.00E-04
2.91526521	3.27536961	3.273388	1.69912553	2.22816941	2.35108565	2.45282281
0.2860814	0.21255393	0.23020449	1.00E-04	0.54117495	0.89074858	1.2974719
0.81391747	0.64981807	0.83308429	0.58221431	0.5233895	0.2985318	0.3000951
5.02963394	4.7374271	4.8293579	2.14032113	2.54773062	2.44477374	2.62125024
1.00179953	0.42475566	0.78675175	1.16207549	1.25333354	1.45953385	1.22031845
2.57453998	2.61984123	2.65197953	3.30956634	3.70471791	3.65868583	3.69836937
2.55332174	2.62196618	2.58882927	2.72967477	2.72359729	2.89242964	2.91885367
7.10148687	6.6029621	6.57656671	7.13979818	7.30911264	7.45556423	7.23861222
1.3887287	1.10655345	1.15213172	1.88205004	2.12843135	2.2073222	2.12739952
2.34497685	1.34022902	1.32773347	1.86740788	1.77204246	1.79683449	1.57881563
3.6463072	2.13703912	3.35537972	1.00886524	1.04955629	0.28558592	0.91918982
0.04319142	0.11073161	0.14695855	0.26088202	0.15985256	0.60593562	0.46874122
6.63568558	6.42360593	6.55403122	3.48531495	4.29812529	5.1015943	5.19541061
3.42602311	2.97593628	3.17685827	4.32203667	4.60090793	4.50913057	4.53452685
1.00E-04	0.01692107	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.68587487	0.13595854	1.00E-04	1.00E-04
1.09073688	0.85136218	0.89175335	0.51096187	1.79535946	1.09726178	1.06448768
1.00E-04	0.00432166	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05803934	0.28558708	0.18069461	0.45833564	0.07613881	0.16104276	0.52776313
2.14383201	1.67502517	1.78406007	1.66726405	1.67915613	1.7423797	2.16008249
0.22033746	0.42317822	0.2958397	0.3204606	0.1336685	0.42675127	0.14690101
0.03217594	0.02788429	0.03793858	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40884159	0.82600109	0.93951687	0.82940456	0.98052498	1.10706174	1.42115422
1.93447078	1.98732288	1.91433878	1.37170948	1.59312721	1.38878602	1.78825345
0.06916776	0.10992813	0.15121558	1.00E-04	1.00E-04	1.00E-04	0.15049161
1.15280511	0.95179056	0.96853554	0.51089162	1.07061782	0.99437727	0.89751942
0.68975639	0.51124614	0.42786446	0.17739767	1.59321586	1.62686023	1.5159887
5.79479116	6.02151777	5.96171824	4.03848324	4.56354306	4.87729475	4.88227463
0.59485711	0.44882927	0.65970711	3.2616272	3.46514548	3.49274125	3.59340391
3.64955038	3.81205743	4.20709002	2.525224	2.66254718	3.22939617	2.79584025
1.83640752	1.53301575	1.64159892	1.00E-04	1.00E-04	0.61906836	0.17309343
3.12368736	3.14637434	3.29313995	3.64828211	3.87867867	3.71632012	3.94704752
2.72019199	3.14045336	3.20189241	0.41262131	1.29064854	1.69329289	1.50091764
2.71351373	1.55898333	1.90216531	1.75713551	1.46112242	1.04503227	1.96910014
3.82845827	3.33268834	3.54762101	3.87117457	4.0452531	3.79549816	4.06034981

0.12519131	0.02008447	0.03444019	1.00E-04	1.00E-04	0.18526334	1.00E-04
2.49717517	1.72219118	2.46503011	2.57890243	2.36699627	1.67527826	1.79736173
2.40367366	1.87742391	2.31945094	0.29596458	0.75730503	0.80825514	0.44719446
1.04769427	0.41526443	0.89899271	0.76477947	1.77515374	1.21109507	1.86862161
1.44978008	1.55409049	1.62602848	2.78435046	2.60112527	2.77393883	3.18629727
0.56652954	0.59674623	0.49584326	0.55571103	1.68981862	1.85007945	1.82051246
0.18746966	0.08171627	0.12678165	0.66845061	0.59736132	0.12844085	0.42585601
1.00E-04	0.05504179	0.10403737	1.00E-04	0.27014963	1.00E-04	1.00E-04
4.80805854	4.78407482	4.818576	3.42518277	3.84955482	4.13356019	4.01579046
0.05115014	0.02916515	0.03239082	0.12161924	0.50140543	0.34881482	0.86248301
1.00E-04	0.03019451	0.05051775	1.00E-04	1.00E-04	1.00E-04	0.05482414
1.23105784	1.4466591	1.53961534	0.40067979	0.38023491	0.69648152	1.06456758
3.92011866	3.61217224	3.71414109	4.17004566	4.38665402	4.27857426	4.34651688
3.03621853	2.95346855	3.06272487	2.52736771	2.86285284	2.44571813	2.73477874
2.20469417	2.23853465	2.24855246	2.35608969	2.09248085	2.34091487	2.32177938
2.11897902	1.8154417	1.92170423	2.42904782	3.02452669	2.71132318	2.86223494
1.00E-04	0.00454393	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37431614	2.46739815	2.55036376	2.37384561	2.4888884	2.63027258	2.81403061
4.5856647	4.85857922	4.8415327	3.04161913	3.17403307	3.79862866	3.85664988
1.97431553	1.42509783	1.48570059	2.33119688	2.61974862	2.58249043	2.65336336
0.09382202	0.20286786	0.3664712	2.53673102	2.55530275	3.20470177	3.45775288
5.18228459	4.66981209	4.89833242	5.4130648	5.66589291	5.68324949	5.67944517
4.21240448	3.63706255	3.74398419	4.80530236	4.94936903	4.65011222	4.69094743
3.45109833	3.23396103	3.32645713	3.19469712	3.50103792	2.95921049	3.19251374
5.48787298	4.9398509	5.02460298	6.1155975	6.13730066	6.3231794	6.22335332
4.22178642	3.8647696	3.84946572	1.92266996	2.07911087	2.03922875	2.07909238
4.82166623	3.99613893	4.18952832	3.09629613	3.41092933	3.11237215	3.35117821
4.59453501	3.76899142	4.11137093	1.51839634	1.89052598	1.3298687	1.59245724
0.94762235	0.38260836	0.55615087	1.13080222	1.75989249	1.83162292	2.075932
0.18935548	0.19885998	0.19420413	0.47706582	0.8359515	0.58781238	0.38525619
1.05365647	0.46193565	0.55020073	3.12464199	3.33759774	3.45670377	3.36415835
0.17685943	0.06043353	0.23036873	0.29552848	0.50450559	0.89662368	0.95486935
4.76767085	4.48409674	4.69304841	5.66164833	5.94687785	5.95795134	5.94724336
4.59204471	3.92920313	4.02656455	5.08405449	5.35707089	5.10157641	5.13690045
0.09310565	0.20032463	0.27529264	0.13394589	0.64928438	0.53783621	0.44580878
1.59801522	1.6098496	1.81282966	0.20611213	0.68253267	0.88659995	1.11891365
4.13568748	3.51069292	3.61250032	3.59988995	3.90915651	3.76789045	3.77641956
0.37760497	0.08149208	0.08608656	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4996344	0.21366279	0.29256483	0.26862966	1.00E-04	0.18906934	0.10790851
0.58456227	0.72586264	0.68721938	0.47043689	0.03155429	0.29550564	0.26502532
0.6347336	0.38250607	0.57849712	0.30872375	0.85267816	0.37281118	0.96476275
0.15419347	0.05453933	0.11724931	1.03816613	0.05846802	0.12185565	0.11129283
0.12528794	0.15614659	0.21894472	0.35909476	0.65297911	0.17186646	0.55358463

0.02572008	0.07804545	0.03175825	1.00E-04	1.00E-04	0.09564057	0.28104028
1.86004629	1.78154001	1.59678	0.29825555	0.80508861	0.93167761	0.8408778
0.52993378	0.12637638	0.24178651	0.52406948	0.02443586	0.12471251	0.38384001
0.08629781	0.00433767	0.00795197	1.00E-04	0.18396121	1.00E-04	1.00E-04
1.1064662	0.63587461	0.64288795	0.34022116	0.27846867	0.39051351	0.77075664
3.14398339	2.06792795	2.4418093	2.76196571	3.54735749	3.02330942	2.61709382
0.10170333	0.02242227	0.05855714	1.00E-04	1.00E-04	1.00E-04	0.21338951
0.1030196	0.01803211	0.03539362	0.31030433	0.18223793	0.19640931	0.38121688
0.39591973	0.3586151	0.3628916	0.5423187	0.88965644	1.35186451	1.93944186
2.56966501	2.88460646	2.71876734	1.63575617	1.99369059	2.06635663	2.23539946
0.57769455	0.41990612	0.34981546	1.00E-04	1.00E-04	1.00E-04	0.01875595
1.13428259	0.78285482	1.0184727	0.62784769	0.64135925	1.01166675	0.82605865
0.36614458	0.76301697	0.74862564	1.00E-04	0.39456845	0.49314565	0.56154091
2.53075139	2.28480848	2.28303474	3.26787602	2.82556224	3.15607491	3.3023882
2.32456823	2.04785122	2.32752658	3.11174946	3.25594491	3.09269456	3.33295265
3.09643977	3.33572195	3.261697	2.26292475	2.58011328	2.56713687	2.49409214
2.37190749	1.77388513	2.05858231	2.59410893	2.74595416	2.85418152	3.11754196
0.0662579	0.03474007	0.01838256	1.00E-04	1.00E-04	0.25043739	1.00E-04
1.00E-04	1.00E-04	0.01444752	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02244483	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67495401	0.7379496	0.87084334	0.42860809	0.74664018	0.39698237	0.61806872
0.01374782	0.01855137	0.02783905	1.00E-04	1.00E-04	0.22120541	0.18728109
4.21515677	4.15440747	4.23737167	3.86112982	4.21822814	4.25794187	4.34765598
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3.80802301	3.53435469	3.5706079	4.06094976	4.31605762	4.22858714	4.22380029
4.41291696	3.58394698	3.88242664	1.736453	1.7610597	1.66421271	1.85692359
0.16406089	0.06335398	0.05508041	1.00E-04	1.00E-04	0.05217349	1.00E-04
0.39387961	0.24880823	0.21571628	1.16124262	1.54180866	1.46338604	1.49705418
1.00E-04	0.03138774	0.01422474	1.00E-04	0.03219824	0.17318913	1.00E-04
6.56760539	4.56070867	5.03465155	5.34554994	6.27704482	5.37333472	5.39516763
1.00E-04	0.03370811	0.03754628	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05536274	0.02925444	0.03947856	0.17800226	0.1158252	1.00E-04	0.15004181
0.26693127	0.14899588	0.21377025	1.00E-04	1.00E-04	0.14470405	1.00E-04
2.44708541	2.62129182	2.62237824	1.47106849	2.33077767	2.45910025	2.66815362
3.45935746	3.1776914	3.29805708	3.50452381	3.53608647	3.76015508	3.86659953
2.64878136	2.26175873	2.37134859	3.64999306	4.23832719	4.03116748	4.17730328
1.00E-04	0.00859873	0.031683	0.22935148	0.11349483	0.03426652	0.08536086
0.46269578	0.33321396	0.25931054	1.00E-04	1.10209508	0.77791842	0.99642115
0.32328625	0.25583886	0.39922704	0.29621555	1.37235162	1.0732794	0.89696987
0.83580061	0.48915961	0.7349721	1.61930994	2.19353126	1.48143051	1.6632111
5.39888029	4.71758708	4.86228859	5.56908001	5.87896953	5.85835756	5.91042241
5.73519776	4.96254522	5.15023777	4.80330478	4.93545347	4.77047033	5.11350357
1.15549627	1.07664154	1.27070665	0.7020272	0.89152622	1.66406187	1.69865328

3.75659947	4.16276136	4.2233342	2.74768649	3.0998298	3.33823369	3.20384304
1.04104168	1.1487313	1.23398222	1.43896705	1.8475079	1.53533694	1.53432304
3.12681362	2.94779301	3.07469201	3.4700465	3.75617783	3.6114216	3.69050275
2.76085377	2.62596984	2.72020142	2.54675648	2.92129325	2.92941917	2.91076082
3.76998221	3.62019303	3.70816736	3.85602381	3.99514912	3.99343991	4.03918374
4.0211492	3.48675144	3.72953497	4.5264685	4.77229515	4.67084533	4.66098503
0.73322786	0.65949151	1.02994071	1.76119844	1.97938226	1.71878658	1.82350342
4.1661554	3.6444586	3.83324496	4.60747363	4.87798254	4.67531807	4.7621899
3.51760777	3.00392195	3.14891902	3.40116983	3.51545212	3.42714837	3.29488861
5.01745104	4.76305957	2.9180944	0.55687805	2.09472101	2.11771929	1.15657758
2.36867328	2.33905115	2.57155695	1.65483115	2.13140765	1.99113466	2.09126697
0.02972483	0.0193059	0.0357792	0.61679351	0.64809284	0.38140068	0.07703494
0.59800702	0.2635617	0.33688858	1.49739704	1.87051579	1.47060247	1.84100191
2.27722948	2.21756213	2.30322727	1.7405385	1.67272105	1.89553898	2.24957103
4.63614579	4.5349987	4.44285736	3.7523545	4.01770169	3.92772375	3.74484245
4.06167158	4.13387821	4.2248683	3.71288659	4.32825709	4.33524995	4.34938768
3.70333402	4.10927429	4.01831666	2.78906098	3.15288409	3.19905077	3.20417952
4.4274243	4.63631431	4.6267979	2.74214837	3.37516346	3.78128834	3.7382931
4.00746777	3.53376436	3.68508662	4.22907064	4.48670503	4.35000523	4.39489424
1.26536946	1.39062255	1.60845919	1.18107586	1.04841281	1.83785416	1.89071377
3.6436283	3.28341786	3.34304942	4.22644856	4.23453619	4.09430604	4.14203927
3.68818663	3.61029984	3.64112787	3.96378613	4.09366817	4.13631983	4.19906642
0.46760688	0.49871049	0.43912755	1.00E-04	1.49124881	1.69101413	1.45419657
1.13946294	0.48802307	0.60370623	0.31430001	1.95812992	1.65008368	1.65735181
0.25023973	0.16235663	0.24192898	0.16192349	0.14641153	0.0516537	1.00E-04
0.43144379	0.7508041	0.56662625	1.02475807	1.54597174	1.97504079	1.64682259
0.27779786	0.18579151	0.31356945	0.68171498	1.06802219	0.49674427	0.39639304
0.12275702	0.08536171	0.07957215	0.42020376	0.14546699	0.21717851	0.07194871
4.11100634	4.19663167	4.08854883	3.25325143	3.78426284	3.91582403	4.03364682
2.50921997	2.42969289	2.55420529	2.40358312	2.74100097	2.79733959	2.94008294
3.20091878	3.3863846	3.45707274	2.08727162	2.38541675	2.50290149	2.37763059
2.03347795	1.60736291	1.89403676	0.36134416	0.40564567	0.57987699	0.8428033
2.53586007	2.30919991	2.50030256	2.6702442	2.82491837	2.7733662	2.91555642
1.00E-04	1.00E-04	0.04106493	1.00E-04	1.00E-04	1.00E-04	0.10917715
3.17520355	2.92182088	3.10233424	3.83914365	3.98403831	4.37983967	4.15714465
3.81683436	3.34314519	3.48634211	6.38086661	6.56867523	6.46250403	6.39839562
0.33343666	0.1527227	0.14413022	0.45910246	0.47635705	0.24066416	0.13762828
4.45278988	4.0229663	4.15006027	4.32698236	4.55782569	4.69164962	4.78667466
4.19248036	3.88420396	3.96932339	4.71831502	5.05404338	5.11544974	5.1593961
1.67270786	1.56114911	1.84053107	3.59946485	3.57047928	3.82794911	3.80554229
3.47160557	3.74704907	3.69426559	1.96520748	2.27929974	2.69286	2.89123695
4.64689625	4.4662783	4.47433106	4.51652681	4.89832455	4.95635007	4.87648564
1.20209856	0.8111646	0.89294945	1.30577863	1.27370575	1.05503255	1.50963726

2.91254008	3.06098689	3.21058984	0.41739633	1.08284457	1.40997436	1.55205733
0.0950126	0.06910048	0.10002233	0.14693333	1.00E-04	0.33546183	0.19596843
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7359004	0.83201425	0.86125171	1.00E-04	0.30291927	0.27998689	0.60366262
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22824776	0.08229688	0.10603547	0.39687224	0.51302599	0.19974492	0.39550798
0.03385771	0.12325771	0.15078751	0.68728349	0.58007951	0.72058393	0.97460034
4.85913364	4.42420431	4.54794233	4.87610149	4.99343543	5.05573666	4.95058043
0.25993178	0.28089433	0.19930428	1.00E-04	0.28088367	0.23190506	0.40114302
3.56401034	3.82045266	3.90176681	2.85886849	2.99665311	3.60319277	3.60054361
4.05326736	4.1538182	4.08946018	3.80118618	4.08593026	4.26002839	4.25537448
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1496652	1.00E-04
1.02386941	0.53015597	0.71209279	0.4783571	1.12804709	0.39674156	0.37625955
0.09252374	0.11451775	0.16673162	0.521237	1.13972634	0.84704834	0.62419293
0.33502686	0.20755826	0.20733319	0.66213342	0.83390937	0.22966728	0.13468504
3.03630867	2.15902388	2.56078208	2.84441891	3.43100252	3.68083266	2.98152121
0.04634399	0.05992615	0.05974178	0.93333679	1.37930868	1.69203715	1.90814326
0.63517517	0.17771643	0.38535265	0.66374926	1.0889127	0.76767019	0.59685464
0.34249948	0.226954	0.52227906	0.67077679	0.87440605	0.93814239	1.31061247
3.40740106	3.65730275	3.63249227	2.4535587	2.94428407	2.94476544	2.94177758
0.18980935	0.10416859	0.10638346	0.27092677	1.00E-04	0.26439261	1.00E-04
0.88950042	0.39175943	0.58668118	1.71210001	2.64933965	1.87516083	2.34911269
2.38828916	2.19353519	2.10883052	1.11954947	1.9454744	1.84680291	1.8710011
3.62310417	3.9281478	4.05999305	3.6757842	4.00239174	4.08935919	4.2009444
5.1041056	4.44018452	4.54871491	6.14202095	6.36142078	6.1735343	6.19050709
0.64992809	0.30732367	0.3134611	2.32899521	2.32455083	1.89218192	2.1962173
2.57609408	2.43692621	2.59037211	3.46940522	3.54497349	3.66786105	3.79738753
4.89887803	4.71243001	4.63815555	4.22836967	4.64320359	4.52974586	4.31114234
3.97229007	4.02342077	4.00112318	3.96771044	4.20455828	4.21616723	4.07638463
4.66244342	4.97420836	4.93673644	2.85862122	3.36881889	4.0090562	3.9150634
3.29110285	3.04861322	3.33822293	2.93419235	3.50015916	3.75236955	3.94874824
2.57534501	2.68201649	2.68796367	2.30144512	2.85391009	3.20201696	3.06666416
1.70024305	1.91046752	1.84905694	1.3250297	1.99344372	2.13441349	1.94614394
4.31007038	4.99603933	4.89369763	2.80731439	2.98666937	3.43279822	3.56728882
4.37626064	3.81024966	3.88958257	4.35164627	4.67277589	4.56170641	4.57715092
1.00E-04	0.01806203	0.04570287	1.00E-04	1.00E-04	1.00E-04	0.26057331
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89986702	1.43992194	1.89580584	6.31789296	6.14908512	6.05256257	6.19323837
5.18366255	5.27051462	4.65641676	3.23294075	3.23544117	3.50572723	3.58134464
0.24001145	0.05165163	0.09778851	0.42557959	0.3379329	0.22459186	0.15146138
0.06925861	0.38114912	0.43312307	0.35638897	0.32323624	0.27137481	0.51298431
4.04606762	3.88507521	3.60311072	3.0481734	3.28702157	3.42036829	3.29111381
0.05809468	0.10348066	0.06322218	0.29400395	0.15979292	0.25305166	1.00E-04

0.0648982	0.04732394	0.15122894	1.00E-04	0.32232691	0.32316205	0.58353696
2.51261924	1.45501267	1.94989272	0.76245859	1.17827641	0.70660778	1.21839281
6.23335251	5.24930323	5.53563346	5.5471506	5.80252949	5.43426875	5.61249054
2.0409621	1.21690742	1.11658135	1.48023349	2.34032645	1.52029489	0.97904136
0.01943935	0.0047785	0.01571787	0.1682166	1.00E-04	0.02517734	0.25137057
2.98034522	3.44154853	3.5492193	0.48231735	1.13685576	1.91497761	1.74740608
0.47619561	0.12557038	0.19266504	1.36834826	1.54620118	1.02872585	1.51158642
0.45566116	0.40829025	0.55831517	1.00E-04	0.16695736	0.07612245	0.00986315
1.54011118	1.22624211	1.36639271	0.99881483	0.42559631	0.99591522	1.27693966
3.64329122	3.49746823	3.78361641	2.33520138	2.50954876	2.81819651	3.26536465
3.88040463	4.14232261	4.14439041	2.70921309	3.35534397	3.48286557	3.78119514
5.19426047	4.69512691	4.82581253	2.8746592	2.97883814	2.40532252	2.92855981
2.09714478	1.76798196	1.93453892	2.21690163	2.44599573	2.38956243	2.40249193
3.13814345	2.89834965	3.25642196	5.80156216	5.7908214	5.89146728	5.98335763
0.33556126	0.18963053	0.19236234	0.46465417	0.67596986	0.5256015	0.40627844
4.57661752	4.04100461	4.30664492	4.56363725	4.87622651	4.83387714	4.81445976
0.33591774	0.26917861	0.199748	0.38131935	0.11953943	0.40233413	0.31866451
2.25851544	2.03584659	2.18068414	2.55401363	3.13295668	2.92247208	2.95328512
3.175258	2.81316972	3.01185292	3.45855328	3.33939366	3.28686422	3.57464958
0.05958348	0.06147404	0.20082697	1.12237005	0.89704914	1.07110578	1.37137189
0.84206125	0.72067684	0.97462964	1.25532804	0.84841678	0.89785718	1.26108325
4.34760467	3.96432792	4.2036999	3.89650116	4.23830695	4.16067625	4.40807368
4.52881599	3.73504041	3.91271746	5.10628869	5.28072755	5.14178278	5.1808617
3.47468689	3.66541253	3.59199064	3.00108561	3.35652519	3.30983358	3.5464472
0.03031885	0.01220869	0.03838623	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01560875	0.03878508	0.03348386	0.63065625	1.00E-04	0.18067545	1.00E-04
0.36282664	0.20080154	0.24469587	1.00E-04	1.00E-04	0.01014713	0.1442133
5.90470309	5.18909075	5.32004805	6.01016142	6.28864716	6.15883746	6.16229544
5.1024721	4.6421866	4.68949754	3.74144895	4.08690262	4.16430952	4.1338301
4.92714067	4.51610038	4.76392616	5.12360507	5.42840825	5.38386668	5.42614539
5.79482946	4.87080108	5.04314781	6.1104112	6.38056052	6.19251704	6.28604113
3.22354029	3.10248908	3.20150685	2.74007957	3.11984765	3.00196353	3.11857552
1.8110087	1.77912789	1.82282551	1.63634554	1.68651868	1.74584026	1.86090033
2.67882619	2.24379709	2.5359128	3.16278027	3.42878708	3.6262715	3.56775669
2.59011622	2.61910049	2.72987714	2.44686662	2.88754327	3.13791564	3.44857274
3.35668232	2.91716726	3.03259964	3.54449318	3.49061781	3.43192202	3.65142198
1.56794773	1.36839037	1.57140646	2.19445616	2.23075791	2.24815507	2.32672889
2.98349519	3.07607204	3.12275342	2.62386292	2.81351513	3.12318959	3.20767729
2.47868258	2.87934061	2.7992124	0.99139247	1.182193	1.91998047	1.91988805
3.08487762	3.61981514	3.60384075	1.97960253	1.97141729	2.48639176	2.52306496
3.26933302	3.61437575	3.55126645	1.58773212	2.04819507	2.52908132	2.83745568
3.62437162	3.8696607	3.86620554	3.05813484	3.40394138	3.57716432	3.60309323
2.92955022	3.09783683	3.09626362	2.16273894	2.46213908	2.84764511	2.77044794

2.33938885	2.3744481	2.37350217	2.56480811	2.53280514	2.80817668	2.81833479
1.42745833	0.95471896	1.03702587	1.41255198	2.1163432	1.48624251	1.89852311
5.1725938	4.10679386	4.37872446	5.34102759	5.56365857	5.56794052	5.49940881
3.63741928	3.12294099	3.21670461	4.2593905	4.40540777	4.42840833	4.38775697
0.30307581	0.30147955	0.32373407	0.16502854	0.38929481	0.13220121	0.74796359
2.2271409	2.41005712	2.44027082	1.60682211	1.74737354	1.74501698	1.92243611
2.77322968	2.31266667	2.52943222	2.49763087	2.80319549	2.77591702	2.57593348
0.32137368	0.17525841	0.17259807	0.28750185	0.24522364	0.5511701	0.83130252
1.15213771	0.6683058	0.90014015	0.60006523	1.98545366	1.63854001	1.97711213
4.46205208	3.91758621	4.13874265	4.28313731	4.61497873	4.63302979	4.53296918
0.32427777	0.28513426	0.33989337	1.03904429	1.18477419	0.65999925	1.12181322
3.00257084	2.82126433	3.20881985	3.4554975	3.59724955	3.73188098	3.89324818
3.43888589	3.15536079	3.371022	3.98814132	4.42268536	4.60654048	4.48179653
5.72872987	5.1487021	5.13958226	5.97443154	6.18036162	6.06515733	5.87907461
1.52817606	1.26666282	1.37113271	0.19230494	1.44966854	1.26304627	1.68077149
0.03254833	0.0226169	0.0131121	1.00E-04	1.00E-04	0.05031339	1.00E-04
3.40768569	3.36424105	3.24383783	1.6941009	1.94888085	2.06263612	2.01006401
0.78927356	0.7139488	0.76270825	0.64144691	0.72533718	0.82662783	1.00688263
4.88388973	4.6538232	4.66031894	1.53442622	3.1134784	2.68038133	2.70306818
1.00E-04	0.00987836	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91497136	0.52403646	0.52683752	1.05137315	1.16896051	1.35091411	1.23513952
0.33394472	0.38589296	0.43899681	2.18917667	2.0009216	2.7137627	3.07808221
0.29939065	0.20796291	0.22555133	1.09746987	0.53947122	0.69074595	0.88049916
0.6823405	0.63641779	0.77139801	1.36624908	1.5500473	1.91973565	2.04631129
0.85271726	0.52857501	0.44689215	0.1972111	0.79828353	0.83244188	1.0031976
1.48346979	0.76808868	1.40803642	1.80612597	2.17573953	2.27880314	2.41183817
1.00E-04	0.05833459	0.03571213	0.5699486	0.13325287	0.08035306	1.00E-04
1.49731836	1.47477954	1.72294519	0.34356557	0.58020961	0.47375776	1.14020354
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45685571	0.37881435	0.37832909	0.58250145	1.88567508	0.66387838	1.21722879
0.20684312	0.35656744	0.23963911	0.27605944	0.14522045	0.24472352	1.00E-04
0.78924996	0.71880224	0.86014277	1.11651169	1.32638116	0.98344768	1.55772731
2.31735879	2.16445612	2.28598841	2.11422324	2.63876038	2.24354252	2.45743087
2.84112321	2.94411054	2.84245515	1.45424804	2.01635665	2.19612585	2.2010708
1.06029866	1.15809401	1.43079207	0.96333082	1.27091261	1.40879079	1.42312135
0.09088462	0.05626261	0.19235929	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0216542	0.01653332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52678867	1.26070481	1.38345358	0.76460547	1.68264157	1.94893182	1.9509282
6.93848192	7.30592058	7.11663711	4.09597695	4.83067474	5.72590044	5.20829916
7.23360114	7.5911996	7.3849767	3.44471269	4.4947509	5.59920909	5.12046555
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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0.14462727	0.12536596	0.10853173	0.1972111	1.00E-04	1.00E-04	1.00E-04

1.75176638	1.9524631	2.11381088	1.40496785	1.74305899	2.09256295	1.94506273
1.4498039	1.27307629	1.51972812	2.17475913	2.35399624	2.28350226	2.44144666
0.43080046	0.34903719	0.53409725	1.00E-04	0.455885	0.10167255	0.09048062
1.74282798	1.69984266	1.88189477	0.96575329	0.88461348	1.29185836	1.40026633
0.27882556	0.12440241	0.18066001	1.00E-04	0.15278201	0.22276096	1.00E-04
5.46951488	4.88464377	5.02565234	5.90306899	6.20348249	6.13986184	6.12791359
3.61700138	3.3028114	3.43941737	3.74697984	4.18190846	4.10049499	4.16902644
2.73313294	2.9764037	2.96554974	2.42409607	2.60813155	2.66867826	2.43402399
2.09820612	2.18687329	2.38514537	0.28502677	1.17864971	0.55682689	0.92162462
2.673329	3.03938706	3.18325105	2.31435464	2.4510152	2.65663258	2.88867775
0.01817686	0.00744996	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58324787	1.51798414	1.47880163	4.51162133	4.52471864	4.46480234	4.55595139
4.66455628	4.08391691	4.19866199	4.36750199	4.29485488	4.43597421	4.74935631
2.79748168	2.9513385	2.9289571	2.32132762	2.82097972	2.62961572	3.0133799
2.77546061	2.9133196	2.86910609	1.0359003	1.91767789	2.12439113	2.16656224
0.05477093	0.01307607	0.07921797	1.00E-04	0.15660402	1.00E-04	0.13381634
5.79255264	5.83974028	5.46381253	5.86398303	6.12628059	6.11092325	6.1881892
2.8335467	2.66888919	2.58456998	2.32131378	2.10640625	2.23906005	2.46340777
0.52871366	0.37324433	0.35483923	1.02085862	0.94305036	0.53407837	0.67174186
0.0508512	0.06234362	0.11278541	0.94860221	1.28837151	1.89758516	1.69598188
0.08105433	0.09926388	0.07895424	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.36047176	4.23573049	4.25465763	2.76903024	3.15670589	3.43401485	3.47970425
0.51620508	0.20034967	0.38369493	0.87161822	1.00581717	0.77406	1.5113044
2.32551382	1.82229615	2.26508659	0.49872417	1.1519641	1.22554137	1.74844624
3.10530506	3.06506326	3.17564223	2.91217305	3.28486802	3.26103132	3.32385755
2.35802788	2.17136056	2.22683718	4.30849157	4.48485523	4.36167961	4.74271733
4.44088378	3.90090433	4.08805571	4.11207735	4.31039477	4.32078056	4.30450266
2.47228439	2.24636172	2.50431391	4.23748054	4.18387261	3.95467075	4.17151965
2.97165539	2.70403345	2.83782812	2.83945987	3.17351568	3.20257699	3.33396011
4.96534498	4.72495461	4.83634769	5.18647122	5.38447064	5.27045367	5.27148178
3.41556147	3.78983928	3.84772124	1.80235697	2.28266693	2.40350668	2.78416407
4.16238465	3.52262447	3.69911336	4.44138804	4.55764421	4.33722481	4.49720376
2.89188893	2.75517495	2.81808925	2.92683902	3.09361644	3.03424446	3.14092903
2.61782677	2.99743677	2.86082707	1.49492149	1.52053324	2.01071384	1.88850951
2.19033475	1.94090019	2.04733395	2.8404834	2.74287514	2.66346771	3.01077183
1.46481239	1.50191765	1.59573442	1.7416576	2.18053203	2.35321758	2.14747031
1.92151267	1.47188465	1.41977885	0.18802802	0.65212397	1.13814126	0.9096817
1.00E-04	0.0031641	0.00907352	1.00E-04	1.00E-04	0.16178652	0.21761875
4.30936745	3.7159303	4.02770584	4.52567619	4.42830373	4.65182856	4.63189682
3.81131102	3.08291095	3.36713941	4.27965563	4.53527516	4.55518757	4.63531712
2.98274129	3.31413061	3.26013833	0.78979238	1.40075762	2.07796888	2.0987328
2.5653081	2.71716084	2.74966005	1.29014373	1.86601485	2.12544186	2.30551649
5.98779554	5.05037077	5.18777903	5.90568695	6.01229683	6.08396212	5.93653748

3.52711601	3.11295459	3.322739	1.45087452	1.96394479	1.95739468	2.510486
1.0311405	0.85432127	0.869464	1.29692256	1.31976467	1.0359681	0.93052636
2.16311955	2.06031869	2.13401459	1.73362663	2.10177682	1.90517373	1.97365388
0.37072142	0.2491482	0.23834395	1.00E-04	0.25275492	0.14732947	0.1070249
0.03003454	0.00450861	0.020594	1.00E-04	1.00E-04	0.21900864	0.09594025
0.0989277	0.04296782	0.08099937	1.00E-04	0.12289812	0.01925512	0.13827581
3.69926955	3.63888229	3.72522713	4.07971506	4.54004923	4.69776193	4.62055006
4.46612348	4.05499873	4.23307401	3.1656064	3.48612302	3.27741397	3.59858853
0.16359632	0.10621583	0.10437865	0.17632823	1.00E-04	0.35426942	0.39508687
1.55744052	1.63430084	1.61562327	0.57619948	1.10969326	0.83131454	0.81529901
5.0982576	4.59421694	4.72651025	4.35237792	4.37331037	4.21738701	4.27451316
4.65089255	3.97526293	4.2559483	5.06343646	5.26829976	5.27219751	5.2504032
0.02212701	0.04277856	0.05878842	0.29583988	1.00E-04	0.12267296	0.11941173
3.49527585	3.49819122	3.70816796	1.22300215	1.34877631	1.45879835	1.8271831
3.03296148	2.53103641	2.84010619	2.64479778	3.22464947	3.16940281	3.42034835
1.49264524	1.53957225	1.78750245	0.22175765	0.17019962	0.30423638	0.1980173
2.54103742	2.54293748	2.69221391	1.74258237	1.35480513	1.67574469	1.6707956
0.3686572	0.23901122	0.21263251	0.25953356	0.78202838	0.62921272	0.64105101
1.00E-04	0.0172949	1.00E-04	1.00E-04	1.00E-04	0.06310802	0.16977242
2.41398555	2.29510273	2.48825264	2.90406734	2.71635098	2.87150605	3.06893851
1.52092279	1.56662706	1.70847972	1.25836591	1.66787283	1.60259187	1.90951231
0.65031674	0.3155451	0.50930048	0.42380439	0.78628878	0.65786458	0.68798942
2.06327354	1.95912456	2.07063244	2.28921699	2.90264197	2.65750077	2.94227625
3.07464541	2.67104275	2.93986708	3.89112663	4.00942513	4.06099754	4.14287439
1.92975129	1.84720255	2.02612324	2.09748087	2.17669327	1.9529108	2.2291435
0.92483559	0.89610139	0.90150967	0.47559173	0.77968123	1.46084706	0.96250826
2.61215729	2.81129254	3.12817746	1.8484777	2.01976412	2.72184155	2.30322894
3.94107886	4.43161426	4.40424237	2.7251139	3.35203238	3.61798699	3.51433156
1.00E-04	0.00842997	1.00E-04	1.00E-04	0.21713552	0.30062385	0.2341581
0.03647081	0.05340567	0.07654509	0.78881174	0.13060777	0.15335673	0.0654171
1.00E-04	0.01711432	0.03720301	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.08652285	0.07360253	0.18267183	1.00E-04	0.08272545	1.00E-04
0.11129054	0.08550862	0.24656246	0.34111006	0.24037648	0.12012243	0.27349885
0.79169539	0.58189174	0.75563779	1.62353825	1.34021397	1.0278334	1.59540823
0.148129	0.15972221	0.31704095	1.00E-04	1.00E-04	1.00E-04	0.16617002
5.09360856	4.54496765	4.65449881	4.90588364	5.27484917	5.13611793	5.12502365
3.9395873	3.29702441	3.46240681	4.52599846	4.80474486	4.63040801	4.54571113
0.12068657	0.07955511	0.18644952	0.31506572	0.4482196	0.85160714	0.88230595
0.19492806	0.17846007	0.13570177	0.79338787	0.46554187	0.33707889	0.12935068
0.88449429	0.30453549	0.33472108	0.1043435	0.1689335	0.30409083	0.38972515
0.0235662	0.00536203	0.02169614	1.00E-04	1.00E-04	0.02753112	0.11367922
0.36760929	0.22836525	0.31854037	1.00E-04	0.66997436	0.1882426	0.51694867
0.14020538	0.13807708	0.27505532	0.31553783	0.84305019	0.94571288	1.10874688

1.89018999	1.17362426	1.25541652	0.58247246	0.75233196	0.32007951	0.66554349
5.64336368	5.14075177	5.27086521	6.09621099	6.4397257	6.37196027	6.42268697
3.54087262	3.89204402	3.88164013	0.76433166	1.91752047	2.36846193	2.40707106
2.38774898	2.49371134	2.58337193	1.78951883	2.12395876	2.30249723	2.58314485
0.19072633	0.15769298	0.12118251	1.00E-04	0.77927925	0.46061351	0.32145239
3.69594672	3.62419878	3.74364241	3.6177905	3.93525053	4.08954731	4.13824043
0.03980074	0.00950002	0.01571051	1.00E-04	0.14641153	0.09993248	0.36262867
0.4399446	0.20357187	0.30675118	0.15598535	0.37662257	0.3717054	0.47482986
0.25808308	0.07278407	0.12184731	1.00E-04	0.27874832	0.26945275	0.641962
1.00E-04	0.01095408	0.05774224	0.21050741	0.16057177	0.07755862	0.10136853
1.00E-04	0.03924301	0.05887972	0.06687698	0.29317779	0.46655626	0.45904569
1.00E-04	0.01625601	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51546168	0.82176053	0.84381044	0.39470736	2.20745606	2.11111664	2.12850837
0.69570317	0.43701793	0.58925621	3.12559657	2.67875245	2.6245272	3.04260136
1.07930037	1.145032	1.52005458	1.77782051	2.09509538	2.74303736	3.10580735
2.12969858	1.74338473	2.06476564	2.465982	2.84964169	2.66264092	3.05615122
0.67746215	0.45088261	0.37960787	0.32185634	0.2747083	0.35817259	0.53959182
0.45810505	0.13591638	0.16510649	0.34286622	0.17164248	0.14614842	0.24895088
0.19261548	0.05045286	0.07319911	1.00E-04	1.00E-04	0.12310153	1.00E-04
0.23072812	0.53997612	0.5637998	1.00E-04	0.20298774	0.13375347	0.13093518
0.80272116	0.45347347	0.65449283	2.34685676	1.63521748	1.13030913	1.34711823
0.12765078	0.09275727	0.11231501	1.00E-04	0.36571746	0.21935561	0.32897134
2.03856455	2.33078446	2.48197162	0.20837085	0.96465198	1.42317522	1.38779498
0.11278649	0.09193359	0.10377424	0.28824882	0.33330919	0.23118057	0.15953304
3.53488166	3.4959265	3.59272023	3.30189717	3.6076997	3.62789803	3.63168115
5.12116445	4.41778919	4.57045566	5.41596566	5.7458789	5.52346909	5.52467236
2.82827752	2.26140649	2.51204712	3.7087678	3.80926724	3.55575809	3.67130163
2.51332928	2.34149334	2.4621252	2.4289087	2.59817562	2.86681464	3.09603529
1.47632635	1.48981693	1.59078687	0.77000126	1.40102119	1.45426378	1.55334379
2.32436985	2.72482204	2.78910418	2.0318776	2.147265	2.65186154	2.84452123
3.49085991	3.77298042	3.69522776	2.75866186	3.35803012	3.55374827	3.55669227
1.00E-04	1.00E-04	0.01789589	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72131269	2.82632919	2.88053788	2.63034289	2.85008669	2.58882805	2.6571487
0.68410869	0.37572608	0.51850883	1.25072721	1.29070532	1.07842143	1.78145976
3.21836063	3.0661566	3.19592798	3.60854797	3.78769214	3.74360189	3.9072013
4.44456552	4.14716137	4.31202386	1.40054898	1.46504525	2.11345808	1.90212809
2.99467776	2.70095954	2.77195363	3.563358	3.57996907	3.56599899	3.62976194
3.39203688	4.04017504	4.01757806	1.87469902	2.27708153	2.87039891	2.94704564
4.14014374	3.73538618	3.63688685	4.98992142	5.14528486	5.23453098	5.10313905
2.87255633	2.80301974	2.96525231	1.47199384	1.67969389	1.66651526	1.9806483
1.26249812	1.31642767	1.45576099	1.03685462	1.43198882	1.46216942	1.84403995
3.79354282	2.00061737	2.72083922	1.7911037	3.5782626	3.11352363	3.13911672
0.97123786	0.71134839	0.77916669	1.00E-04	0.13486002	0.58092532	0.28567427

2.13630708	2.05066318	2.17713069	1.80104397	1.76562189	1.99917022	2.13981876
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.00540254	2.00731269	2.164633	2.34391592	2.46511551	2.49143884	2.76284043
0.90166956	0.76270381	0.70090996	0.20045404	0.37548847	0.70578012	0.67140922
0.08855674	0.05029846	0.12551616	1.00E-04	0.12826772	0.17187674	0.30524445
0.89490947	0.66810638	0.73281947	0.80157557	0.79771718	0.62659175	0.45630404
3.70040888	3.18012419	3.38078923	4.78758631	5.06686848	5.00462442	4.96974785
0.58401919	0.33682178	0.42561575	1.32056893	1.11718404	0.96281409	1.1841991
3.29614501	2.56567842	2.86388315	2.35116999	3.21823542	3.45020281	3.6506702
2.16544172	1.57712931	1.75468434	0.83458819	2.35334628	2.40716163	2.36743865
3.48137184	3.20862618	3.38165225	1.26898332	1.52132368	1.79883469	1.46961685
0.34923486	0.49238292	0.59221893	0.50274515	0.56289655	0.23289761	0.39763101
0.31639781	0.59324216	0.59297127	0.12405056	0.51765077	0.74934968	0.64075087
3.26818327	3.17314422	3.15935632	2.72787108	2.83853453	2.8754368	2.95238751
1.80784771	1.11015411	1.47391222	0.39340697	0.67249554	0.9755752	0.85489283
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00493582	1.00E-04	1.00E-04	1.00E-04	0.0513866	1.00E-04
3.7466059	3.75810022	3.59576501	3.59270635	3.7041016	3.49831726	3.83324591
0.79968286	0.55435238	0.80752302	0.22720983	0.57195364	0.69249575	1.22458157
1.00E-04	0.00708026	0.00872022	1.00E-04	1.00E-04	1.00E-04	0.12337894
3.35025399	3.46287179	3.49828819	1.72522865	2.07471706	2.80273324	2.71962474
2.52317585	2.70153989	2.7083634	1.68520017	1.94645973	2.29435732	2.46282277
0.33136328	0.47880069	0.35830702	0.44163464	0.65452804	1.31372485	1.01695583
3.94376878	3.52961506	3.67186683	3.26097459	3.48009266	3.67432371	3.78840816
0.33380867	0.44282028	0.45269483	0.29932435	0.28910012	0.72923838	1.25796821
0.51021481	1.06371122	0.94590326	0.67329197	0.72117177	0.7457193	0.80072902
3.19819192	3.16863311	3.3182862	3.24197937	3.44320452	3.27934227	3.41404139
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15919894	1.00E-04	1.00E-04
0.43240635	0.36733205	0.48863015	1.00E-04	0.12254676	0.60738329	0.64545543
4.67939246	4.10763815	4.24269347	2.39257816	2.79469481	2.88159192	2.7236317
4.68134075	4.78684773	4.75867182	4.50523098	4.45582257	4.6907982	4.56323628
3.55643806	3.95126132	3.93693332	2.24920806	2.35722033	2.92708721	2.98365988
1.32829392	1.5455305	1.82634579	1.00E-04	0.32632938	0.5852503	0.6850877
2.0507189	1.85070925	1.74844885	1.13613484	1.26495301	1.29470174	1.58649288
4.04765879	3.15405429	3.57605809	4.78679274	4.71766351	4.56159028	4.58523965
3.01595483	2.94038487	2.9743872	2.49970107	2.72050273	2.94667858	3.19394946
0.62668065	0.5566408	0.60875299	0.4081671	0.50978785	0.62310267	0.84209298
1.00E-04	0.05832757	0.06971506	1.00E-04	1.00E-04	0.34161354	1.00E-04
1.44657757	0.93480652	0.70757757	0.54196394	0.08066306	0.25162995	0.10122316
1.13971562	0.93738965	0.83812217	1.00E-04	0.19484373	0.33887891	1.00E-04
0.25872645	0.28418077	0.33323806	1.00E-04	0.27232129	0.21405203	0.28690591
0.62203523	0.64845022	0.54614564	1.00E-04	1.00E-04	0.0811663	1.00E-04

0.1269726	0.0253977	0.00578403	1.00E-04	0.26022291	0.10912079	1.00E-04
1.00E-04	0.01336373	0.0566479	1.00E-04	1.00E-04	0.08049116	1.00E-04
0.83349929	0.38366917	0.52697914	1.00E-04	0.37473677	0.2042282	0.15377619
2.99351234	2.93541523	3.05220502	2.98124012	3.4530801	3.36721655	3.40537373
3.14821815	3.07790768	3.18863088	3.26687514	3.65153426	3.67946266	3.88565859
2.04120345	1.90181954	2.08133505	3.04107174	2.99440815	3.08248732	3.18540832
0.395962	0.21977484	0.43244948	1.11554156	0.887635	1.05359298	1.09866685
0.49770639	0.28671116	0.53074452	0.07488644	0.67003761	0.51599916	1.04450506
0.84739969	0.66875825	0.44786138	1.00E-04	1.55557167	2.14230626	1.65995897
0.13810329	1.00E-04	0.00692685	1.00E-04	0.09486419	0.16272796	0.14081561
0.13786087	0.01595506	0.0137694	0.28852723	0.23241594	0.16205053	0.25900581
0.1622214	0.12557981	0.09406352	0.52597131	0.11198296	0.38355664	0.63905387
0.67645841	0.20057833	0.20856906	2.82203954	3.25083548	2.88642068	2.83713998
0.39686075	0.18332867	0.16994042	0.88340287	0.69720611	0.59316732	0.47280571
0.03547768	0.03798927	0.03447904	1.11157238	1.84108514	1.29009077	0.61806538
0.26050341	0.09746819	0.11842845	1.57685576	1.69246982	1.38729879	1.64336612
1.5764657	1.42782779	1.67177398	0.29520464	1.0551307	1.35276638	1.07988351
4.5460657	5.06192469	4.8107733	2.11390363	2.77469355	3.1518368	2.74672499
2.59557472	3.10313813	3.02657029	1.08070493	2.04004366	2.3888869	2.55289942
3.25763673	3.46539614	3.43845	1.916934	2.66029135	2.92822723	2.92495445
3.76036232	3.37029772	3.54367892	4.21737623	4.38834538	4.31236117	4.40770949
1.61170038	1.6177108	1.82329546	1.05745112	1.3919782	2.00435188	2.37979168
0.50748725	0.60365201	0.64163943	0.66231917	0.75500906	1.55766735	1.37671809
2.83379681	2.67790441	2.6929129	2.38003521	2.51450917	2.75271996	2.84426665
2.77757365	2.49832809	2.71780768	2.73637261	3.15962586	3.34700381	3.43068633
2.80027463	3.09771275	3.06570056	1.52847244	2.05929191	2.45974713	2.44041473
1.00E-04	0.00777862	0.03691717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.30906671	3.51909701	3.61344205	0.90249855	1.56432773	1.46023698	1.30590283
2.15987246	1.9749711	2.0763057	2.50676944	2.75639922	2.77199809	2.69983272
2.50685587	1.92912934	2.13313696	3.15742345	3.72093907	3.32022262	3.27591582
0.61200754	0.59688394	0.58669139	0.33411355	1.09059829	1.32264743	1.45223144
4.09802134	3.41394432	3.71463779	4.82455246	5.11210926	4.95919012	5.03704628
0.31195461	0.21801532	0.29436404	0.15279315	1.00E-04	0.19998502	1.00E-04
2.35125226	2.48147999	2.65626714	2.1610101	2.51419879	2.7252048	2.66455427
1.44919256	1.48640033	1.71665735	0.48882539	1.04738067	1.46028931	1.71945438
1.65829221	1.66630551	1.64249739	1.79146727	1.85637815	1.99566273	2.13753217
3.25287595	2.77883934	2.90129853	3.41563835	3.66935345	3.70025874	3.78034035
3.03601013	2.48591228	2.66009396	2.30549779	2.63478458	2.89205224	2.79726541
3.38346589	2.8835259	3.14405986	4.29627762	4.52264312	4.47761591	4.53910687
0.60006978	0.50704858	0.49380883	0.54074751	1.91682858	1.34304076	1.60244018
2.42931133	0.61088528	0.79286968	0.74522228	2.02153297	1.02268306	0.93689352
4.73601213	4.23666096	4.42919862	4.79502645	5.05460476	4.99218355	5.01946636
2.53294621	1.53725663	1.67923318	4.59032908	4.36591415	3.8003361	4.50338919

3.81473479	3.64370749	3.70897495	2.10199024	2.85544904	2.60509139	2.67338005
3.92596749	3.37366647	3.48159577	3.89668559	4.30186423	4.29627236	4.1138646
4.95986289	4.32066664	4.5001331	5.37487468	5.6178897	5.43755693	5.52127752
2.33388167	2.35198489	2.46003325	2.19699956	2.74088112	2.79474616	2.79907615
3.04756114	2.78725864	2.87560704	3.18032859	3.6010344	3.29906384	3.44865823
2.84933184	2.56289763	2.27449202	3.64635619	3.94333142	3.9976018	4.15299436
0.01900835	0.05075779	0.05680911	1.60891486	1.78201595	1.47586982	1.69685414
2.14632086	2.07978501	2.22662026	1.85208436	1.89198101	1.85025186	2.30955421
2.51759065	2.57979876	2.58808435	1.90553272	2.22888681	2.35922526	2.47582545
3.19990559	2.93759502	3.14163096	3.10616166	3.49230593	3.63075814	3.88592618
3.1158363	3.03315397	3.20463203	2.86254827	3.385828	3.45579972	3.63592799
0.98299327	1.00810539	1.05676008	0.74206001	1.0980797	0.77050474	0.996628
1.6941365	1.89354531	1.89867435	1.03093381	1.54284347	1.77716661	1.62605508
0.22150131	0.08447929	0.24721973	0.22935148	1.22186843	0.55049739	0.48136383
0.58293632	1.42834945	1.73245979	1.00E-04	0.1545181	0.59734997	0.70372582
0.30118253	0.18903757	0.33997926	0.17800226	0.16946842	0.21276102	0.24908219
0.02647448	0.00455376	0.05150533	0.30893727	1.00E-04	0.10828089	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09053849	1.00E-04	1.00E-04
6.43548777	7.30976702	7.15787451	4.13547842	4.65340228	5.82084043	5.96048466
0.13639066	0.06717343	0.12867022	1.00E-04	0.18808463	0.06848354	0.31289547
3.13085784	2.95918005	3.15187968	3.0151349	3.58079414	3.60364406	3.66674056
1.67165506	1.21936332	1.46768095	2.27210685	2.59775771	2.25493259	2.36239464
2.95294823	2.71667166	2.87894095	3.02996773	3.47416679	3.43201046	3.58424347
3.21999663	4.01199201	3.89256277	2.72161808	2.59967504	3.1205989	3.1937034
0.86764659	0.47305308	0.42797421	0.45412205	0.64127825	0.46010569	0.34683084
1.00E-04	0.00525489	0.02605932	1.00E-04	1.00E-04	0.09487379	1.00E-04
0.13683635	0.08501345	0.085844	1.00E-04	1.00E-04	0.42533379	0.47050006
0.23860538	0.16264837	0.15371175	0.42533827	0.49334809	0.16731073	0.31312044
0.14493661	0.15779369	0.21065123	0.52935119	1.02880561	1.11178181	0.83666702
0.61957072	0.09075342	0.1805485	0.99358793	0.75144962	0.5396784	0.67926853
0.30486563	0.22045811	0.36571784	0.47981196	0.59422486	0.54590176	0.36506426
1.38399997	0.82813571	0.93287968	1.00E-04	0.22380477	0.07489797	0.25972639
0.11828817	0.08693262	0.15077648	1.00E-04	0.50687803	0.33839409	0.1758737
0.35828055	0.71887596	0.72942274	1.00E-04	1.00E-04	0.07566348	0.16056795
0.4167828	0.11823963	0.20525603	0.15203124	0.95151099	0.60397499	0.7209858
3.12163704	2.90499864	2.99236981	2.68955782	3.08907269	3.17630556	3.0762875
3.42868494	3.00785745	3.22653281	4.17549197	4.10297601	3.74189683	3.78667621
1.53154425	1.71030598	1.77805155	0.60986062	0.74771618	0.85837867	0.94719288
2.03557944	1.1517466	1.71400447	2.02920482	2.68075383	2.56018789	2.73692067
2.8229141	2.89362335	2.95826888	2.35101856	2.5969566	2.82674973	2.96507968
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33226102	1.62878161	1.76260849	0.51243085	0.74649044	1.25273182	1.2714092
0.04445722	0.06786022	0.06969584	0.24994107	0.417744	0.32001146	0.77717562

5.57255223	4.99517442	5.08965391	5.77413774	6.15318462	5.90482439	6.03991414
2.56441851	2.38321975	2.71349373	2.7958672	3.09717395	2.7056727	2.77531816
1.97319812	1.65581579	1.85156511	2.11702241	2.34185393	2.28723404	2.33359072
3.23158382	2.59624548	2.95925674	2.07068273	3.14567909	3.42644848	3.41484876
5.62109094	4.98299036	5.1482059	5.56021031	5.81906964	5.68706424	5.68432647
0.18103304	0.18031315	0.07889239	0.68925549	0.75442048	0.76501163	0.91540914
0.81053924	0.28910841	0.27681726	0.8214697	1.0677564	0.75479383	0.84500295
3.32397194	3.10710159	3.33731127	3.64396482	3.8079549	3.82265255	4.02947702
3.04992931	2.42001748	2.76901704	4.3817418	4.32471853	4.513354	4.64171181
4.01401952	3.7719725	3.94771516	4.36063223	4.51677721	4.70927001	4.75502827
2.53711208	2.6764812	2.63242719	1.78624363	2.15495895	2.46311526	2.48005702
0.15517888	0.15810435	0.24910068	0.78344955	0.79562793	0.13757088	0.25697862
1.88472228	2.40056443	2.29429759	1.52110408	1.30919056	1.81936441	2.05080829
3.47789769	2.89106664	3.02527101	2.82858884	3.31547708	2.8401329	2.77447366
5.49309554	4.91576583	5.00195249	5.63485232	5.94675843	5.8453515	5.87824377
0.42008972	0.29054982	0.28795553	0.40973373	1.03650688	1.02807413	0.82906427
0.32181776	0.12115386	0.24297561	0.42413212	0.83406329	0.38387593	0.41328493
3.5917376	3.26208321	3.44914893	2.69912371	3.22784968	2.78511972	3.14635333
0.01961628	0.00790192	1.00E-04	1.00E-04	0.26973207	0.14790959	0.39772426
3.08989191	3.10586655	3.16913444	4.0628167	4.34906467	4.21873762	4.33415651
3.21060278	3.15946579	3.18311776	2.94752634	3.5260886	3.42203341	3.27585563
0.33131841	0.41603792	0.4811127	0.6144873	0.55271807	0.78754236	0.4798004
3.21711777	3.00829422	3.18417597	3.81722667	4.10507303	4.03987401	4.14893538
1.57091858	1.58063282	1.80123679	0.84125969	1.05315881	0.6443113	0.78620777
3.39711952	3.01966183	3.32122695	4.03611604	4.31949723	4.28496943	4.48588068
2.36134017	2.16527225	2.36135055	3.46895763	3.67250893	3.75579051	3.87616165
2.83108394	2.62540122	2.67674141	2.01884953	2.64150374	2.46679657	2.78909475
2.9954051	2.55421758	2.85726577	3.12595146	3.44602576	3.22798467	3.47232034
1.57502036	1.32600366	1.51261794	2.18421792	2.85351679	2.52466439	2.91846586
3.40536698	2.97442203	3.29239607	4.61627815	4.98272419	5.04570384	4.92613034
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2.10611418	1.53148719	1.68907735	1.80665457	2.62220662	2.44421035	2.53423882
3.35612449	2.82514181	3.08732592	3.65661346	3.8747112	3.78680983	3.79076245
1.94507128	0.74202613	1.00801212	0.2380529	1.62432542	0.41961984	0.83773697
2.40743735	2.4333953	2.68286338	1.4226019	1.73125248	1.78227091	2.09506444
0.82489633	0.52962054	0.59965773	0.54279403	1.058891	1.17666951	1.43737344
0.07751334	0.03040132	0.15218475	0.91631033	1.57384973	1.67878081	1.76681224
4.34230034	3.98041955	4.05077842	4.34406654	4.74856046	4.61784298	4.66819404
0.03225921	0.04627651	0.02014815	1.00E-04	0.19819111	1.00E-04	0.09404855
1.36639856	1.34743613	1.40140123	0.25020423	1.43345527	1.33238259	1.00481384
2.1821026	2.17625204	2.26671957	1.50199375	2.26350596	2.31778269	2.31482878
2.19672508	2.16856034	2.21763923	2.75621174	2.8541909	2.79168198	2.72229891
0.55850777	0.29461209	0.31879576	0.79800994	0.46398305	1.27228014	0.85884356

1.43696103	1.44960504	1.38225848	0.37050761	0.35130687	0.75642583	0.51990354
1.98867951	1.89086866	2.01476751	1.71377175	2.03361016	2.28973284	2.37408489
3.25272851	3.40950205	3.41893202	1.08298324	1.56664186	2.00877781	1.74282295
3.5781671	3.16113137	3.28575913	3.6582722	4.13354145	3.98350246	4.01904095
3.34041828	3.15042973	3.23803957	3.49875729	3.6638019	3.69690486	3.87151137
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5.12447322	4.58105713	4.65945647	4.91595653	5.30194436	5.19805343	5.14175963
0.02893418	0.10763696	0.09699147	0.12443002	0.7315829	0.10452927	0.15324553
3.14733736	3.0073462	3.19803098	3.37116352	3.74302102	3.71003284	3.63177425
4.00125797	3.44479079	3.66235981	4.63577439	4.96147836	4.75720081	4.81857833
3.217698	3.55397411	3.51124746	2.01630795	2.21082214	2.84005797	2.88636307
5.54174391	5.09293544	5.19113407	5.95050724	6.20905719	6.3589647	6.19536051
3.25621924	2.70818986	2.89010839	4.19439994	4.65632306	4.46843707	4.32108449
1.35733151	1.32196532	1.38725143	0.77366878	1.56552798	1.60784295	1.20941118
0.79929331	1.03084737	0.92128763	0.30964378	0.43555165	0.47932852	0.62434181
4.40672232	4.34245024	4.39290088	1.35542249	1.2975268	1.45131537	1.50280214
0.26557107	1.06286401	1.11030748	1.00E-04	0.38136369	0.88550953	0.11375251
7.14071276	7.53949684	7.43688366	3.68577726	4.37420653	5.30087878	4.82082086
0.86809616	0.91246867	1.31992151	1.00E-04	0.23771634	0.31290035	0.50392939
2.31690713	2.32444468	2.41079285	2.29741073	3.06475349	2.95315331	2.93184264
1.13163515	1.08475288	1.17893384	1.39927716	1.49908864	1.93826844	2.35973678
4.57864245	5.33100618	5.19466328	2.44006224	2.14664635	3.23194606	2.73152283
3.47751768	3.25777684	3.37383078	1.00E-04	1.34286505	1.22399338	0.78065512
5.02677999	4.82794128	5.18189144	0.44076161	2.41491842	2.88628528	2.81384241
4.37475951	4.71116742	4.71848393	1.17512126	2.08036444	2.60101645	2.49201439
1.86521318	1.94436923	1.94089526	0.42442567	1.09954236	1.05022052	0.89349388
4.67711824	5.1313383	5.02588519	1.06255539	1.63299503	2.60957549	2.17608051
2.51655787	2.431629	2.61038912	3.38093221	3.71938145	3.4313483	3.54030931
5.41728804	4.99899254	5.25861694	3.77311108	3.80589142	3.62860378	3.72902457
2.04810325	1.76372073	1.9421977	2.36411311	2.73464284	2.72251824	2.9265936
4.68402529	3.95767935	4.10874626	5.38058219	5.78090425	5.75814508	5.60697108
1.4313614	2.4884342	2.20550979	2.93159813	2.72817007	3.40480088	3.66127815
0.5897572	0.2637899	0.19863754	0.53180669	1.16870253	0.91033503	0.28512466
0.70413401	0.06783977	0.16860209	1.00E-04	1.03862183	1.00E-04	0.30880886
0.03217369	0.21267728	0.12791311	0.22791923	1.00E-04	1.00E-04	0.25289154
0.33634425	0.02771087	0.0947829	0.68313782	0.56458442	0.2993843	0.64010508
1.00E-04	0.03876687	0.04518205	1.00E-04	0.10458089	1.00E-04	1.00E-04
2.49254	1.81150883	2.3820296	0.56946782	0.45220629	0.31125903	1.14294619
0.57646164	0.17644344	0.42628086	2.04025178	1.97137447	1.83758812	2.24769636
0.1099327	0.04479184	0.25156615	1.00E-04	0.25540896	0.16262937	0.14540264
0.45419274	0.39527538	1.05006429	1.00E-04	1.00E-04	1.00E-04	0.09256869
2.44908468	2.17690647	2.23921078	1.73239576	2.64778132	2.42801218	2.36017191
4.08867397	1.00E-04	1.00E-04	1.00E-04	0.59880489	1.00E-04	1.00E-04

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5.1960892	5.5989378	5.40942774	3.65052831	4.10537472	4.5596509	4.43594998
3.04532568	3.29670764	3.28389755	1.15928272	1.86198978	2.03474242	2.14221872
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1.95318018	1.94512542	1.95455918	1.33796821	0.77905123	1.41781203	1.36453217
3.08367205	2.74957169	2.9883446	2.16021965	2.67745901	2.39874266	2.46353276
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3.4627538	3.2151643	3.40705162	3.47517718	3.63138307	3.41587492	3.52933136
1.238805	1.44333732	1.42662903	0.65308569	0.95722566	1.10812	1.41710269
4.88803924	4.18123243	4.35666547	3.77052662	3.9901495	3.69374406	3.94846377
1.66442097	1.35592272	1.54968027	1.85885442	2.61834427	2.5486818	2.66725668
2.86225506	2.97296593	3.61092528	2.46831622	0.95464638	1.21882511	1.15283101
0.15924522	0.18591162	0.11204339	0.18317528	0.63808647	0.40658909	0.30071223
0.75554415	0.58233661	0.80453171	0.35100882	0.42730028	0.55556857	0.76486213
4.53025743	4.46508912	4.57698036	3.794053	4.02586261	4.0065915	4.18843771
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0.06875891	0.10390048	0.16786284	0.24299463	0.50311921	0.49101353	0.87781498
4.26685213	4.45457013	4.59644771	3.65634117	4.01916417	4.35977821	4.37377963
0.41452837	0.15225582	0.21568193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14108685	1.94386282	2.1298133	0.27795545	0.13275752	0.09666578	0.57875333
3.97513855	4.31513096	4.26749705	2.11799587	2.14264075	2.49325301	2.30953622
0.08508716	0.06758616	0.17774314	1.00E-04	0.48434225	0.41614076	0.12711332
3.93855689	3.77661295	3.920049	1.31373658	1.26204857	1.16073053	1.04866493
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0.14245127	0.07179287	0.05169257	0.25596513	0.65594563	0.25205026	0.11106714
3.0873873	2.44836536	2.63300827	1.58786517	1.66454528	1.5685051	1.63631041
0.66849189	0.4555157	0.61149057	0.57603117	0.45742032	0.10226215	0.13969996
1.00E-04	0.03331445	0.02405713	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05039269	0.08665055	0.14436989	0.29932805	0.18010218	0.14142962	0.41599873
1.90434838	0.94093148	1.1333781	0.3184585	1.32146948	0.77557609	1.32269513
0.76148029	0.5914543	0.51368707	0.89147266	0.80404161	0.60567742	0.93970464
0.3058725	0.179231	0.23917886	0.81029537	1.47404462	0.75027681	0.67620542
1.00E-04	0.02233764	0.0085823	1.00E-04	1.00E-04	0.13064591	0.09715504
0.95343087	0.51297865	0.5106199	1.63528192	2.31798478	1.5528746	1.32376605
0.27453193	0.12275724	0.15202358	1.23084395	1.78038973	1.13133292	1.37259128
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03801379	0.02137193	1.00E-04	1.00E-04	0.13167475	1.00E-04
0.67178985	0.4263595	0.30327041	1.00E-04	0.89399528	1.24084738	1.29826541
0.0380725	0.04847819	0.05840747	0.17944383	1.00E-04	0.05943284	0.1067013

1.90765197	0.81578065	1.14034669	1.03161685	1.25444977	0.60085839	1.07092982
0.25553683	0.07615845	0.07867686	0.38102371	0.42273396	0.05269221	1.00E-04
1.28234153	0.95329515	1.11234213	0.81790409	0.48071078	0.58579345	0.17001816
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01582719	1.00E-04	1.00E-04	0.35023204	1.00E-04	1.00E-04
0.30133002	0.20172161	0.32335066	0.39444799	0.45332041	0.47336337	0.19737318
1.78450222	1.19513739	1.20303385	0.26102953	0.285731	0.52978051	0.6062791
2.59122002	2.28527107	2.4901769	3.85303329	3.9616228	3.78037604	3.69453747
3.52983384	3.7510657	3.72828839	4.33864868	4.32172894	4.47603736	4.88324942
0.58418698	0.14887741	0.17163235	0.15320905	0.9031879	0.44878376	0.47519308
0.24358692	0.15329377	0.1726018	0.43812872	0.54827288	0.17194112	0.26449445
0.17598901	0.24871682	0.23196943	0.90664499	0.22489645	0.18592848	0.51479093
0.82483117	0.75394044	0.64414909	0.44083337	0.42128453	0.32474213	0.48082241
3.40901459	3.02406881	3.08553224	3.17030043	3.25831378	3.07945795	3.25816351
0.25960911	0.26044724	0.34876779	1.00E-04	0.55781209	0.2958653	0.40510049
4.66894294	4.70344144	4.76152258	2.69544713	2.66669537	2.94921667	3.49892539
4.46584623	4.61634743	4.37879939	1.74976631	2.25701719	2.59986859	2.67474505
3.13564472	3.48243622	3.4215261	1.94478373	2.14958794	2.38414163	2.26917815
2.8471178	2.20451942	2.21632004	0.66870258	2.16739094	1.91123849	2.02782745
0.46598048	0.24469425	0.14677671	0.31078555	0.96106153	0.2002832	0.28434696
5.05299983	4.48858957	4.61504775	5.09438505	5.33578758	5.1843818	5.14381723
4.65057664	4.81182307	4.47335537	2.62706488	2.79628363	3.07666265	2.95117861
0.88149402	1.06314261	1.33795623	1.74081103	2.17075344	2.31993494	2.0710267
1.87963987	2.11207962	2.20551833	1.06626287	1.14990848	1.13293545	1.13364019
1.00E-04	0.01705006	0.06482226	1.00E-04	1.00E-04	0.06887408	0.18093189
3.7118429	3.45816013	3.7662447	3.36582278	3.71029886	3.93439067	3.85396965
0.99395079	0.30012148	0.40706849	0.52581076	0.93409653	0.98436363	0.61185549
0.40915137	0.28277802	0.42930756	0.24636089	0.61964005	0.56881306	0.43964502
3.85626527	4.3214351	4.36972893	1.46350044	1.7153612	2.45585106	2.7467912
1.57353335	1.77349963	1.81367237	0.8221938	0.9286537	1.0316259	1.01314702
4.42692538	4.14357203	4.24010992	3.91669927	4.10065795	4.02577953	4.11317693
0.14372106	0.013437	0.01666417	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71959518	1.44199911	1.58647921	1.08282	1.62179698	1.82077803	2.10472931
0.06528723	0.01350967	0.01616169	1.00E-04	1.00E-04	0.06999935	0.13958937
0.86867289	0.49308666	0.57576791	1.06094167	1.78892248	1.19025453	1.75471075
3.62761696	3.22813393	3.40561394	2.93811691	3.42370264	3.78456992	3.74963614
4.2862224	4.09850948	4.1091597	4.75686318	4.93913931	5.02092421	5.00976333
4.88715116	5.34906742	5.29975537	2.43682459	2.91427553	3.87964924	3.95973251
0.14230866	0.05052347	0.060553	0.06687698	1.00E-04	0.04471923	1.00E-04
1.61136316	1.8529565	1.98194425	0.85478353	1.41228909	1.69835898	1.77764518
1.53973925	1.52869171	1.57333003	1.22266898	1.18791793	1.6780482	1.36924617
1.00E-04	0.08309339	0.00929467	1.00E-04	1.00E-04	0.15047269	0.41862218
0.1777483	0.0722769	0.06033137	1.28302713	1.24452553	1.27288313	1.37046259

2.83080854	3.23650206	3.21309882	1.41034386	2.48098057	2.66417884	2.67533966
1.34859208	1.0404254	1.2386589	1.15398521	1.59550895	1.47466607	1.43017783
4.51805645	4.28420573	4.53869493	3.89699835	4.14972108	4.21698122	4.34493249
4.69366352	4.96328581	4.94269318	3.54364928	3.99690864	4.18063739	4.18877703
1.97917162	2.33125619	2.38700292	0.15025186	0.44028038	0.59557124	0.8313282
4.11383385	4.58278773	4.55214285	2.29130547	3.01856072	3.65743643	3.52027925
3.81452812	4.12195095	4.08158078	3.2829977	3.57183063	3.95406051	4.06950616
3.72970888	4.11498148	3.58892127	2.32235671	2.78586577	3.04576379	2.57024569
6.18527899	5.30545326	5.27346403	6.81878886	6.67973951	6.43628629	6.32052044
0.09238539	0.05300717	0.04730622	1.00E-04	1.00E-04	0.17486126	0.48018842
0.22957337	0.36388968	0.35019558	0.91934056	0.51239415	0.32300874	0.109584
3.65223936	3.92949959	3.84040824	2.3459186	3.0723649	3.10564948	3.15645908
1.91040928	1.8194479	1.94304801	0.52638532	0.56769153	1.0995175	1.29653958
1.8798173	2.0471591	2.05007337	0.5273287	0.60693077	1.0426357	0.6076314
1.87735867	1.5773892	1.75054926	1.95830569	2.16705897	1.94790349	2.12348796
2.84276614	2.6819302	2.90980074	2.79199249	3.13337112	3.27033454	3.35036865
2.32358014	1.39284708	1.58120463	1.97862426	2.67862995	2.4025685	2.10037338
2.83813362	3.02874162	2.98575892	1.65102946	2.49691963	2.71568844	2.8025309
3.57875146	3.23575335	3.3418556	3.21488108	3.59763059	3.5828118	3.61103972
1.00E-04	1.00E-04	0.03389146	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.69481095	4.33782404	4.54812767	5.84222765	5.90902581	5.77312407	5.76484688
3.94184665	4.17207059	4.2005028	3.14793311	3.22985733	3.54933781	3.56988741
5.18275033	5.47827872	5.5888291	4.24954521	4.65280862	4.90383213	4.86444078
2.82436325	1.55734158	2.00453186	3.80179015	4.14610601	3.89615107	3.88852039
1.00E-04	0.00379061	1.00E-04	1.00E-04	1.00E-04	0.04413174	1.00E-04
4.35463046	4.37663963	4.30032338	2.98093548	3.69721718	3.51024294	3.69499421
1.9831351	2.24861871	2.22074306	2.02134182	2.61711429	2.11441171	2.38252464
1.10121269	0.43135955	0.68111945	1.08694783	1.38653891	1.27716606	1.18351012
3.95511712	3.68720019	3.66929481	1.50638949	1.34058567	1.8314704	1.79860098
1.00E-04	0.0175957	0.01633498	0.14194619	1.00E-04	1.00E-04	1.00E-04
1.43449028	1.02322528	0.91721799	1.18813355	1.02626786	1.19977778	0.98353075
1.97869823	1.86739704	2.33485421	1.00E-04	0.21006694	0.30492766	1.00E-04
1.26836896	0.86359517	1.13904978	4.21395831	4.59296839	4.46751579	4.78481976
0.35730944	0.48788089	0.32794702	0.71078909	0.38507237	0.15758691	0.32573809
2.24447728	1.84786849	2.24293451	3.10442249	3.2740495	3.30624603	3.47301188
5.6293942	5.15113021	5.23371443	2.69343341	2.89324761	2.91138896	3.19905126
3.00669213	2.76241819	2.88631149	2.41482477	3.02284388	2.48647761	2.7517635
2.63636538	3.05544131	3.11610731	1.4766508	1.5193007	1.88526124	2.00109911
2.83763977	3.28852442	3.12214187	1.16869222	1.38239641	1.85785537	2.4043807
5.22220594	4.81833983	4.84871421	2.71656069	2.76759987	2.73832407	2.75092755
0.34979291	0.27082427	0.30314378	0.58488088	0.60573142	0.36656199	0.50250584
4.81263687	4.60902968	4.75316634	4.85752336	5.08706177	5.26681044	5.1945784
7.02741601	5.85078658	5.82685024	3.49616206	4.2027858	3.76133896	3.84456479

3.9595537	3.67281637	3.82989266	3.26791742	3.1800825	3.49594433	3.87789042
1.00E-04	0.02924659	0.0170503	0.27774349	1.00E-04	0.07207281	1.00E-04
0.5909904	0.38519987	0.39731418	0.0794065	1.13620414	0.90740791	0.63691152
0.05478892	0.04311374	0.03633956	1.00E-04	0.23132566	0.09992906	0.30257003
1.75886526	2.10391189	2.01025123	0.81911889	1.32160251	1.18380042	1.26366563
1.96711329	2.152198	2.24977692	0.74108443	1.25544612	1.45032506	1.70413391
1.00E-04	0.01933092	0.05023089	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.6393848	3.16219006	3.3570421	3.30907509	3.56909176	3.54916775	3.63364209
0.08822804	0.02390496	0.02885791	1.00E-04	1.00E-04	0.29529993	1.00E-04
7.29096964	6.68182758	6.96411828	3.6096217	4.22125062	3.57300614	4.16754674
0.20262058	0.21822808	0.20887483	0.24672226	1.00E-04	0.14128176	1.00E-04
1.76329258	1.89192224	1.99529811	1.85535181	2.22141423	2.0798162	1.9180957
6.19174298	5.53207154	5.6709621	7.10110112	7.33481772	7.36374093	7.36145434
3.15477998	2.40400986	2.8113529	1.53510006	1.95689522	1.52191575	1.92651735
3.98537452	3.64376637	3.90210822	4.79361117	5.1515168	5.04584427	5.05694681
0.04262592	0.11306397	0.04303599	0.17625509	0.06383531	0.38535302	0.24410693
2.22819757	2.04673829	1.84175157	1.00E-04	1.09988381	0.74331192	0.73611673
0.08743374	0.05408901	0.03992892	0.67000978	0.58164221	0.77717377	1.46673466
5.59656426	5.07781934	5.20440982	5.86704485	6.17108456	6.13300361	6.13016925
7.00500897	6.54448355	6.21242391	4.94773589	5.32554908	4.94808665	4.9216294
1.00E-04	1.00E-04	0.09742437	1.00E-04	1.00E-04	1.00E-04	0.07020344
0.37350603	0.31366707	0.34193084	0.19753095	0.47415213	0.8396348	0.72932847
0.36657347	0.14329641	0.10919688	1.21828392	1.17969773	0.82184083	0.91063378
0.036885	0.04245503	0.05093255	1.00E-04	1.00E-04	1.00E-04	0.09715504
0.03313527	0.05984585	0.05694502	1.30099894	2.01718289	2.20128835	2.26607311
5.9294308	5.3306388	5.42606122	6.0707433	6.38007552	6.23511585	6.22553905
5.40699733	4.51064262	4.65197342	3.0636599	3.43766089	3.1108864	3.19243229
3.73300481	4.01961768	4.03886319	3.58103999	3.80951465	3.95870548	4.09898012
2.29167184	1.86766838	2.19350342	2.88912717	3.07675447	2.89958618	3.24356971
3.71941354	3.25938999	3.39054639	4.43560757	4.57135603	4.73184269	4.75295662
1.11042494	0.68113371	0.94549575	0.48286473	0.1121294	0.19081096	0.2242715
1.00E-04	0.01087244	0.00857105	1.00E-04	1.00E-04	0.07634181	1.00E-04
2.51628179	2.69454054	3.6358119	1.00E-04	0.22983253	0.41673094	1.00E-04
2.92567082	2.85985834	2.96094827	2.26045095	2.57098988	2.70718766	2.98356284
5.50452081	6.12773501	5.44298733	3.86382538	3.88049317	4.1016695	3.91477409
5.33480836	5.1215831	5.13324458	4.12234943	4.36385671	4.4653092	4.32379992
1.43729794	1.09402036	0.9395733	0.15645232	0.6612286	0.82517427	0.73120389
3.20825879	2.91298038	2.94312464	3.23759423	3.56369736	3.38348683	2.93362361
0.37886593	0.27913768	0.31277088	0.29141454	0.62014811	1.12688643	1.32639198
1.00E-04	0.01465671	0.04784071	1.00E-04	1.00E-04	0.12034644	0.18221232
0.10335055	0.10420661	0.09318979	1.00E-04	0.23799106	0.17222526	0.18980437
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14880168	1.00E-04	0.1203773
0.22819887	0.1029273	0.12778842	1.00E-04	1.00E-04	0.12348435	1.00E-04

0.02197834	0.11303689	0.15813446	0.8265505	0.77623793	1.40499591	1.72047563
0.17365036	0.06696054	0.14181861	0.31594351	0.7299376	0.71542528	0.69737494
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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0.67618044	1.06342649	1.06329549	0.365235	0.16708766	0.48268061	0.83591416
0.17558089	0.03604168	0.02869409	1.00E-04	0.22281597	0.03738711	1.00E-04
0.25636089	0.51637348	0.46810003	0.63819499	1.27710287	1.72485047	1.73984736
2.91228127	2.83791682	2.94716885	2.8445673	2.89355257	2.94471554	3.20158711
4.87812842	4.24240638	4.35969152	5.22615829	5.55863879	5.57952755	5.47244107
3.52827514	2.91097963	3.18830475	4.54433953	4.63144519	4.41909311	4.44855268
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25607599	0.17283357	0.27753216	0.15672042	0.60056568	0.43661496	0.59999444
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.0573033	4.93689595	4.80698402	4.88675972	5.09945619	5.32704129	5.31818934
6.60938316	6.11854873	6.22731952	6.72869925	6.81651055	6.83307071	6.86033768
1.00E-04	0.03050921	0.0096237	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.06419542	4.40694349	4.5851322	5.96860286	6.12695977	5.97493631	6.11926004
5.33365436	4.71192372	4.8865203	4.97311399	5.19518399	4.995808	5.19035901
1.33739549	1.32539005	1.39269784	0.84118505	1.33246712	1.49476816	1.57061555
0.45656249	0.19605545	0.28734101	1.00E-04	0.21568317	1.00E-04	0.13752095
6.52656116	5.88295689	6.11705926	6.36626349	6.29722958	6.3936546	6.6296765
1.22053274	0.57745269	0.50670498	1.58236282	2.55401704	1.87710372	2.1607083
1.05028337	0.72118037	0.7626769	1.03810477	1.12835077	1.45155981	1.56898954
2.01136739	1.82002933	1.97208308	2.38690388	2.48460557	2.25895478	2.11859844
0.03501706	0.03118623	1.00E-04	1.00E-04	0.15843334	0.20090277	0.28873938
0.19362094	0.14169347	0.15691309	0.29106499	1.00E-04	0.40892664	0.22124997
3.30729027	3.18893649	3.38291393	3.33864546	3.59349463	3.75381981	3.68922955
0.94817348	0.88532153	1.0628018	0.74134679	0.7910557	0.73891415	0.91176422
2.52259609	2.13028168	2.2592927	2.93758213	3.14545043	2.82308492	2.9920015
1.41488817	1.60089943	1.702417	0.9800753	0.70054577	1.13329427	1.40977178
3.96594159	4.37936316	3.88711726	0.69445068	1.39582572	2.1314717	1.4829566
2.1751846	2.35316959	1.81517726	0.22552521	0.13240556	0.33871434	0.25717933
2.91294377	2.44311934	2.98985908	0.6598472	0.06139631	1.00E-04	0.56515715
3.02530841	3.3231194	3.30870704	2.32597809	2.69074764	2.83514925	2.93001656
0.43230725	0.25618565	0.21298147	0.47688962	0.5354747	0.42877299	0.58283004
1.58665423	2.13988404	2.19132613	0.95533313	0.71590974	0.84128782	0.80945385
1.28093779	1.74164495	1.89645857	1.13475158	0.6074228	1.33014945	1.75930986
0.28832457	0.1280249	0.20452845	0.51518286	0.17212553	0.17472654	0.18019523
0.10841084	0.10042394	0.08916947	1.00E-04	0.40659388	0.34663761	0.20993129
0.32204975	0.06132886	0.09152835	1.00E-04	1.00E-04	0.11495531	1.00E-04
2.32189697	2.6197271	2.57221587	2.01056107	2.14252847	2.64879071	2.5569756
2.5517427	2.57999034	2.54010898	1.12850014	1.66178693	1.76709555	1.78770845

4.68908523	4.28114916	4.38079407	2.46926565	2.8244876	2.60201825	2.84908657
0.10760641	0.00590425	0.04448894	1.00E-04	1.00E-04	0.05910399	1.00E-04
0.60152485	0.17882944	0.25294097	1.13408545	0.81948856	0.44242003	0.84180116
5.67440211	5.21570617	5.33617666	3.18937369	3.04347832	3.00825129	3.07631626
5.2629395	4.80671617	5.00097625	3.60386985	4.1445197	4.18324282	4.09688095
0.76540559	0.61580784	0.68823187	1.50050784	1.88246649	1.94754071	2.29411868
1.61816367	1.25994942	1.47290305	3.32096508	3.64706254	3.47435253	3.42728903
0.01870767	0.03444462	0.05595417	1.00E-04	0.26731548	0.50342546	1.17836812
2.56206486	2.2884139	2.54529622	3.46660667	3.58178845	3.78423236	3.93827665
0.56894234	0.55208014	0.59075186	0.30342597	0.35215089	0.63966679	0.79951733
0.22588091	0.07202346	0.11751217	1.00E-04	0.57542989	0.27187533	0.4522711
0.2614728	0.36178921	0.30645147	1.48383343	1.31319755	1.06411326	1.22024848
0.21838162	0.15583036	0.08566502	0.14236033	0.37852466	0.2741803	0.34078953
3.35840602	3.14117486	3.25804333	1.69347165	1.97145627	2.25525694	2.26512966
0.18693487	0.03315198	0.1075939	1.00E-04	0.69415932	0.30162394	0.1627928
4.25520392	3.58409337	3.8769852	4.08974153	4.60382457	4.5219267	4.57721825
1.91683363	1.74948757	1.91189843	1.50529149	2.2041747	1.89510294	2.26925411
4.35829665	3.72768822	3.78747963	3.23875786	3.36927982	2.72553589	3.04220518
5.13849316	4.43410654	4.6070689	5.67344416	5.85476834	5.85020851	5.81022664
0.06086612	0.01225394	0.02261575	1.00E-04	0.13617456	0.05768857	0.09962311
0.09633706	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10744804	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14911087	1.30505841	1.9053391	1.68238307	1.35346983	0.91795324	1.56354325
0.37341659	0.25206122	0.27654886	0.41076365	0.63637426	0.38349926	0.29467258
0.1336057	0.04065525	0.14799982	0.24100506	0.66263777	0.58754759	0.52811443
0.1035652	0.11105219	0.07614561	1.64503343	2.06572983	1.901841	1.59512486
3.70138674	3.17332233	3.29213293	3.93680297	4.02806838	3.79775213	3.90569532
1.59310995	1.57505924	1.16350616	0.78239857	1.32765877	0.99539878	0.88915733
1.00E-04	0.01679715	0.04255724	0.59573295	1.00E-04	0.33543583	1.00E-04
0.93196398	0.7020312	0.83718927	1.95936904	2.23963678	1.72934164	1.76545515
1.00E-04	0.04247847	0.02447129	1.00E-04	0.1704806	1.00E-04	0.16005756
1.00E-04	0.09238642	0.09624899	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15443566	0.12729152	0.04015362	1.00E-04	0.46961321	0.65749957	0.54337105
0.83550498	1.09103692	0.99645665	0.37142506	0.46286365	0.30980972	0.3870902
0.6832783	0.56626996	0.41700581	0.32486354	0.46742722	0.0323561	0.27726983
0.45061866	0.50870437	0.48232516	1.21813149	1.06299681	1.14182485	1.03778965
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66636381	1.93832368	2.09587818	0.12786338	1.08322532	0.55474034	0.76027229
8.31458099	9.11012744	9.06268222	5.19002084	5.76574323	7.29693232	6.74303799
0.0511519	0.05417382	0.13640527	1.00E-04	1.00E-04	1.00E-04	1.00E-04
8.52621677	9.2197001	9.21676425	5.16506741	5.94057645	7.390347	6.84139064
4.9663094	4.30796576	4.42027789	5.37719494	5.7075568	5.56637804	5.55126701
1.67990971	1.8525342	1.91974918	2.35547981	2.44775164	2.68872051	2.76577378

3.0902169	2.87650531	2.93973038	2.47423831	2.73328656	2.36771977	2.5217191
4.31631754	4.11570977	4.09835283	4.68347949	4.90982485	4.8808731	4.95554083
3.66949666	3.26886159	3.4863105	3.96212214	4.23889957	4.1146199	4.13879764
4.91360912	4.98510442	5.07810564	2.33582752	3.07007003	3.41183756	3.28870801
3.30367888	3.45857418	3.45535821	2.92299473	3.06639881	3.42204422	3.62007634
1.86339824	2.26352761	2.28867791	0.30899124	1.33375943	1.43086899	1.34557593
1.51722484	1.60320116	1.5810025	1.70024456	1.76733935	1.79431192	2.00888003
5.71965476	6.11615111	6.03351861	2.5519709	3.14343991	4.12227736	3.64215683
2.96769272	3.00769862	3.22136104	2.96161637	3.56476152	3.73976132	3.55562304
4.39336665	4.12445808	4.23617033	4.91979409	5.40558986	5.19548596	5.27888735
2.76949996	2.47071017	2.44657531	2.48812242	2.52326345	2.75941611	2.78758764
3.56018631	3.61090062	3.60068323	2.46817568	2.95945307	3.18844978	3.45302991
0.92594202	0.89628758	1.01604557	0.34128848	0.16338988	0.07997814	0.2941236
1.27554671	1.7064367	1.68165595	0.58394134	0.62593671	0.66269977	0.76730517
5.08695806	4.24651454	4.38844914	5.65399142	5.86097186	6.00477852	5.91537094
0.10808504	0.10079569	0.04270714	0.19484498	0.18286082	0.08641358	0.1786913
1.31951213	1.38310751	1.47232246	1.19017884	0.94958905	1.58477758	1.49744345
1.99808217	2.25752342	2.2514382	1.99227499	2.25475237	2.39860912	2.33594836
4.59909105	4.68795109	4.57423861	4.31202347	4.61048773	4.74144801	4.76776116
2.43149396	2.4739632	2.51712516	2.49847043	2.71129322	2.677085	2.83732408
0.13181134	0.41920709	0.46701578	0.42705536	0.32124662	0.55858151	0.6710446
1.97625471	2.6280851	2.45925481	0.89113393	1.97469815	2.57182172	2.25360161
1.00E-04	0.01055002	0.01185093	1.00E-04	1.00E-04	1.00E-04	0.09167911
4.78659129	5.34929734	5.17609785	4.11542463	4.25244279	4.54597841	4.61101152
0.12655865	0.02494097	0.0720968	1.00E-04	1.00E-04	0.07116932	0.14934418
4.6665649	3.96818699	4.26624239	6.17863871	6.33267536	6.64372461	6.72541358
0.19937964	0.1782006	0.17905859	0.0815269	0.94238508	1.14241581	0.67847534
3.06308493	2.51966327	2.57597867	4.07288975	4.17392855	3.84848944	4.01367167
3.53880959	3.38096976	3.51294776	6.48845463	6.71387093	6.71031098	6.63389594
4.08392593	3.95355745	3.96555948	3.7180127	3.82664056	3.85061574	3.98141486
0.61651246	0.54399125	0.79219844	0.25825549	0.47996441	0.26936451	0.35821333
0.87159496	0.68198551	0.95470566	1.00E-04	1.00E-04	0.07157034	0.20896372
0.1611398	0.30821612	0.66331056	0.11912625	0.17295999	0.2357822	0.12454999
0.63504645	0.93030829	0.99049086	0.42939292	0.60447497	0.35957748	0.47005236
1.21634073	1.51228474	1.59048521	0.97231867	0.72777498	0.95452109	0.44727437
1.27772987	0.81344173	0.85699424	0.81160164	0.91412787	1.22708591	1.08442321
1.1027313	1.80127467	1.75486599	0.15353052	0.26211016	0.80815008	0.71048586
0.02563431	0.07708253	0.14923197	0.26131023	1.00E-04	1.00E-04	0.23414373
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17563841	1.9694961	2.05882892	2.40358731	2.70251501	2.34545229	2.3557053
5.31713325	6.48896951	4.91545301	1.63369012	1.96733397	4.0193361	2.67635738
3.26116854	2.92627082	3.08212108	3.75538422	4.17436689	4.15757027	4.20480725
4.82844561	4.66759847	4.74320834	4.88473709	5.39186616	5.34177356	5.39968092

4.89863842	4.66858609	4.8009533	5.31399585	5.49183306	5.68138863	5.35911837
1.00E-04	0.00421226	0.01356176	1.00E-04	0.22835864	0.07728209	0.0937488
2.60577963	2.91274664	2.88644391	1.25303918	1.35733164	1.34593082	1.86003004
3.32134218	3.56655314	3.46354781	1.17828369	1.74203602	2.10582497	2.09372775
3.36040882	3.51161047	3.52736777	1.58043219	2.10322876	2.21319876	2.39739709
4.38193873	3.76500881	3.9089977	1.20255534	1.73269342	1.50935367	1.6276584
6.43418935	5.72340821	5.83755225	3.78093182	4.0838513	3.65583411	3.82208679
4.09893454	3.50829336	3.76966606	5.09456618	5.27790234	5.3580046	5.08796544
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.75094503	6.51283066	6.41413229	3.26003846	3.63847967	4.70597663	4.53974335
3.09281148	2.91217218	2.97326354	2.35687301	2.47901716	3.03353373	2.80599156
4.34774782	4.84615372	4.89354515	2.48838539	2.974484	3.70549172	3.65586941
1.04327405	0.72981793	1.20071668	2.57963793	2.44164813	2.06206754	2.61018795
0.83528815	0.31233528	0.40357089	0.34756468	0.77519705	0.45341015	0.71106903
3.96003197	3.86854992	3.96468186	3.66445057	3.71676136	3.82584117	3.92423221
3.95771181	3.84265946	3.58271319	4.55088195	5.04824099	4.90701589	4.79271024
2.5949965	2.29688662	2.5557035	3.44350909	3.73472885	3.57058769	3.86506188
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06182858	0.03303372	0.0319251	0.78482562	1.06125331	0.68931099	0.6557398
0.18527001	0.17764791	0.18060217	0.60054814	1.00E-04	0.48067311	0.12481951
0.67470231	0.96008315	1.3195595	0.11145705	0.14082904	0.33104915	0.48964375
0.06706183	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4463294	0.44574619	0.51725029	1.12285646	1.13278369	1.35667914	1.43077516
0.3066326	0.21696006	0.25030711	0.75411133	0.7598913	0.64999771	0.66793926
0.27214441	0.16146427	0.14839414	1.00E-04	0.24654185	0.53807956	0.48144286
0.01877468	0.02714508	0.00374471	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00652488	1.00E-04	0.39538399	1.00E-04	0.15087802
0.05488581	0.05264563	0.0246617	0.1720147	0.11953943	0.11757363	1.00E-04
0.08162768	0.03069712	0.0221041	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.62887478	2.42084785	3.22838311	1.56398186	1.66872534	1.61407386	2.11240476
0.20370784	0.0430813	0.11954008	1.00E-04	0.34406992	0.1505253	0.61819602
1.00E-04	0.00790192	0.00395167	1.00E-04	0.13308734	0.24224377	0.20801738
0.03264971	0.00592936	0.08107911	0.14708098	0.13308734	0.11458161	1.00E-04
0.19035126	0.06754644	0.05403921	1.00E-04	0.18029559	1.00E-04	1.00E-04
0.06381343	0.1623029	0.15755858	0.12603646	1.00E-04	1.00E-04	0.12859462
0.06256599	0.01120784	0.01867709	0.15598535	0.22983253	1.00E-04	0.14280132
2.53625994	3.15545879	2.96368297	1.8997348	2.52546791	2.71433848	2.4479615
3.97271658	4.24777911	3.59431266	2.99292582	2.68901994	3.70575748	2.70052368
2.10070104	2.27003089	2.46646227	0.94495837	0.77480067	1.40713894	1.45853524
3.95644957	4.37722563	4.38110973	1.47753691	2.32757603	3.01989714	2.99601097
0.20096062	0.13524562	0.0498004	0.22806165	0.08402882	0.06135448	0.14522298
4.23533474	3.72974313	3.89117152	4.92914216	4.90555496	4.6603126	4.67014771
0.07398693	0.08146566	0.24680034	0.09754868	0.20663334	0.57422517	1.47341732

1.00E-04	0.0503444	0.13999807	0.08764124	0.1680055	0.6515818	0.68620877
1.00E-04	0.0093388	1.00E-04	1.00E-04	0.14171403	0.11000847	0.13295879
0.70536609	0.26967076	0.4729042	0.63872611	0.57299478	0.32986553	0.58007685
3.36152329	2.92231709	3.02882915	3.46269532	3.47864159	3.50346368	3.4558712
2.43000217	2.68734786	2.64842711	1.97325481	2.35240809	2.37338938	2.56126898
2.98632522	3.2654693	3.41172111	1.45380926	1.5465006	2.07020651	2.43173227
4.2161658	3.78412468	3.92485783	4.37780696	4.59296346	4.52542115	4.59357821
3.76152286	3.76274792	3.87182204	4.79927663	5.39347476	5.46873966	5.39463875
3.69716633	3.64303031	3.75417625	2.33444539	2.74740688	2.75350829	2.6245468
5.39281154	5.48752977	5.26618293	4.14529333	4.41083003	4.62280155	4.47032772
3.787248	3.35336963	3.45969512	4.20965789	4.48710313	4.37973325	4.36062393
4.21670584	3.83253353	3.99334777	3.76006595	4.26746797	3.97586723	4.04657787
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0.41124046	0.26255421	0.34461746	0.90924984	0.2945698	0.5312003	0.59866672
0.06072116	0.04795007	0.11744144	0.62465657	0.29401293	0.12234297	0.131896
0.38227937	0.13037159	0.1300771	0.2159217	0.5460356	0.65102394	0.62689352
0.57773711	0.105758	0.14467215	0.13816808	0.58105467	0.75310071	0.07742349
1.14405074	0.88829466	1.0058004	0.97146178	1.24731267	1.28366228	1.30284999
0.32799854	0.14355716	0.18671598	1.00E-04	0.22978975	0.12846805	0.34874756
4.24317465	3.45134346	3.51535808	4.34172447	4.49142909	4.33545658	4.4923506
2.59940822	2.29682951	2.38096656	4.15409421	4.82963532	4.84541644	4.30370605
2.86448837	2.59656579	2.48187504	2.00647196	2.59639391	2.45762668	2.70518207
0.10954874	0.08014387	0.22973656	0.47662867	0.21742588	0.22943144	0.56875395
2.39119309	1.7165936	1.85185206	3.09400257	3.55407954	3.37554368	3.38147009
4.38969588	4.19155595	4.27046641	4.67694949	4.96107908	5.00066856	4.90483643
0.76099511	0.28666194	0.38958806	0.7699758	0.49905283	0.47422225	0.28145575
0.0775451	0.028119	0.18177206	1.02059743	0.91268714	0.36579643	0.45190229
0.10061746	0.1577224	0.23730788	1.00E-04	0.14284796	0.26514917	0.3239495
0.51206262	0.46607172	0.48239471	0.69947523	0.87522339	0.67983451	0.90155745
0.12082099	0.00634455	0.0059554	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86553361	0.88827505	0.93317241	1.00E-04	0.19709537	0.09353885	0.2188037
1.00E-04	1.00E-04	0.02833267	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62563236	1.74622658	1.92795228	2.48064131	2.84946053	3.08304388	3.15510103
1.83511578	2.03404654	2.19090635	0.93183913	1.45482481	1.6274445	1.36002435
3.36942469	2.56189987	2.79394009	3.89948867	4.06343148	4.01550577	3.92428904
3.68000674	3.77042505	3.87155246	3.1620201	3.74161347	3.68813186	3.85268757
4.48831755	3.78997142	3.98993759	3.11118945	3.25436635	3.11418869	3.25379799
0.03902942	0.02062549	0.06629511	1.00E-04	0.21677682	1.00E-04	1.00E-04
5.48830944	5.97081505	5.79398421	3.66115252	3.98851483	4.65133163	4.58670811
0.11297362	0.14605855	0.19982308	0.40259321	0.73638127	0.83502091	0.91317354
0.25896075	0.11166721	0.147504	1.00E-04	0.17725699	1.00E-04	0.23700831
4.82074284	4.4520583	4.61017313	4.82865499	5.16636547	5.14693132	5.15171137

3.48739731	3.74073539	3.77781104	2.10400806	2.51219682	2.92687221	2.92190639
1.06753884	0.57655405	0.79888031	1.13771539	1.36110396	0.6126959	1.04553842
0.62496808	0.16478331	0.14312442	0.60940634	0.60879424	0.2376037	0.1556591
1.93017085	1.39258559	1.79888455	1.25591713	1.045072	0.94103216	1.08662174
3.45469001	3.30419938	3.43994682	3.59863328	4.15922337	3.69058697	3.96683588
2.98634183	2.80664915	2.80126733	2.62426719	3.19712135	3.15673743	3.23738059
0.0188707	0.11564149	0.20012048	1.00E-04	1.00E-04	1.00E-04	0.09223007
0.46308668	0.15238483	0.22114306	0.75435543	0.45757006	0.67135365	0.66211283
2.69213806	2.70984807	2.66065248	0.33536053	0.47513204	0.94297901	0.63668431
0.12532518	0.11745073	0.14763993	1.00E-04	0.60439611	0.67907876	0.27647876
2.64745531	2.25045927	2.42041817	1.20020241	0.9998149	1.39304375	1.94293751
3.10105521	3.02202338	3.87706899	0.61226637	0.69849973	1.0131407	1.12224523
6.37860796	5.73997895	5.92409135	5.0880095	5.04749346	5.16541118	5.17374274
2.24927421	2.0006453	2.20776726	2.42846737	2.91165971	2.56820298	2.86114057
0.14986774	0.06533185	0.04513994	1.00E-04	0.16605093	0.08038261	0.49269259
2.20819907	1.8587876	2.63386665	0.46522523	0.21743837	0.51085191	0.82435145
1.00E-04	1.00E-04	0.01258996	1.00E-04	1.00E-04	1.00E-04	0.11309624
1.00E-04	0.01313387	0.03656943	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3515862	0.10999155	0.28291195	0.41932829	0.69141398	0.77086122	0.63306676
0.53660077	0.37434047	0.53723615	4.07814273	3.92204899	4.2084787	4.28132928
0.09819987	0.12805317	0.40689345	1.00E-04	0.22690362	0.21683563	1.00E-04
1.00E-04	0.02211315	0.0281622	1.00E-04	0.14050578	1.00E-04	1.00E-04
0.23227513	0.11103922	0.05100668	1.00E-04	0.08844736	0.09371749	0.12517383
3.71607653	3.52063397	3.62981926	3.41447519	3.61191797	3.60587513	3.75348089
4.90749451	4.34388601	4.45632173	5.19249036	5.47439475	5.40708276	5.21691378
4.973331	4.32304742	4.49483334	5.75118226	6.0033648	5.88121484	5.86336146
3.11435775	2.88162962	2.96270616	3.5887732	3.30693237	3.12475289	3.23164301
2.43553456	2.42822877	2.61679657	2.44241298	2.59526969	2.83547145	3.09556917
0.93412151	0.84297716	0.8407542	1.42777757	0.90514069	0.95819078	0.80034239
2.85576115	3.22256557	3.26000208	2.31400347	2.44716183	2.66928782	2.60858024
1.26462249	1.53017784	1.71513908	0.66496572	0.1759706	0.70428843	0.9263262
2.0620349	2.25148696	2.32700838	1.14465158	1.19500485	1.61410985	1.45433818
2.45660864	2.26593328	2.48517741	1.76747831	2.27619862	2.44316462	2.77374871
4.66803922	3.94677541	4.01872905	4.21102059	4.47457588	4.31785108	4.2582297
4.59847896	3.94453421	4.10687065	5.16589908	5.57728582	5.44743253	5.38235517
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04515136
2.87329114	2.39605619	2.19102953	1.86693533	2.09041217	2.26782788	2.38059111
0.87483447	0.66004609	0.60086638	0.30452286	0.72330039	0.46795377	0.85832114
0.9864705	0.75481435	0.56048564	0.68782795	1.00E-04	0.23186086	0.4470448
0.2285809	0.15292211	0.10999243	1.00E-04	0.32951368	0.20860589	0.12850249
0.15598187	0.09912745	0.05522142	1.00E-04	1.00E-04	1.00E-04	0.21389105
3.39921131	4.28148471	4.20010814	1.38588892	2.07550732	2.61407721	2.44777046
0.5422232	0.45350474	0.45385901	0.18934306	0.75221158	0.42095407	0.36766594

1.8341621	1.64109359	1.76957506	1.70065677	1.49593927	1.79788296	1.8336951
4.48086072	4.46283555	4.43851383	5.03920682	5.24027929	5.13134437	5.13996905
1.7885639	2.16718687	2.21444596	1.35713639	1.68652442	1.72198738	1.97234764
2.66411436	2.37841085	2.54414866	2.80971863	3.03844484	3.19192684	3.25854622
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06084035	0.00368396	0.02570239	0.13540772	1.00E-04	0.02865562	0.12725088
3.04181325	2.65054012	1.81733754	2.78227668	3.00454975	3.05535931	2.95954452
1.08711042	1.44103028	1.36872235	0.34917677	0.42888457	1.24203867	0.8009563
0.07544827	0.10579236	0.18658987	0.34655071	0.61581734	0.34885154	0.30381365
0.06895088	0.03397758	0.02025361	1.00E-04	1.00E-04	1.00E-04	0.06558721
2.92417034	2.27618453	2.40819025	3.00315536	3.33803592	3.02762439	3.17249621
2.42369752	2.47102719	2.60054843	3.27589387	3.42279444	3.55988233	3.74655349
1.00E-04	0.03954475	0.03508273	1.00E-04	0.04412295	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00879339	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.74861212	3.39463376	3.5369689	4.05778937	4.43544227	4.16513512	4.19953027
2.32957598	1.59779826	1.69481944	3.54713171	3.57040027	3.53141266	3.39732152
4.36297196	4.06107451	4.12123923	3.31658233	3.25487803	3.78664181	3.59190463
4.14160998	2.96032624	3.43438045	2.26279972	2.19584093	2.68306263	3.06863547
1.00E-04	0.01663752	0.01766882	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02875502	0.06003986	0.96086076	0.85220582	0.61928976	1.26329248
0.39103954	0.28285386	0.31114526	0.62131938	0.45227661	0.76547977	0.77037939
0.16956987	0.1787651	0.2372374	1.00E-04	1.00E-04	1.00E-04	0.1332602
0.69979575	0.66658348	0.7662917	1.00E-04	0.25946405	0.5998981	0.64993666
2.82553583	2.99986989	3.18430801	1.84497662	1.72907253	2.51894144	2.50895432
0.14009977	0.28420889	0.3028483	0.98231637	0.49655291	1.58033437	1.19425832
0.63353855	0.55539938	0.61349564	0.09783529	0.13081245	0.68542729	0.61001505
0.70600241	0.43522202	0.5779794	0.32411685	0.81974567	0.69011622	0.8029919
3.8213322	3.36738207	3.53259525	3.35799812	3.70842464	3.82921401	3.97293343
3.49747292	3.96696075	3.80211379	2.34111419	2.93120793	2.96245083	2.89984636
0.05784689	0.05108733	0.0101002	1.00E-04	0.14875001	0.19429953	1.00E-04
0.85923202	0.44114032	0.47429293	0.56242737	1.19423836	1.47108652	1.24745433
2.86308221	2.83598528	2.63193183	0.62988677	1.10277828	2.06848162	1.09204894
0.16723762	0.14607662	0.16261762	0.80105592	0.8905957	0.61077903	1.3675058
0.75127038	0.54801929	0.62862183	0.49470002	0.65792205	0.59081779	1.04496675
2.85851275	2.79416455	2.81586759	3.10896952	3.2407946	3.33028037	3.24481342
4.90076512	5.04944355	5.15052196	4.40988139	4.85471017	5.02021665	5.04598738
0.09885479	0.06652088	0.23026807	0.09133409	0.35503891	0.217217	0.31844665
1.19647218	0.78213463	1.09266286	1.48433607	2.05724746	1.63053006	1.77254913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47994397	0.34180261	0.3976085	1.31629724	0.86116789	0.80946212	1.08776044
0.25151645	0.12997007	0.09528428	0.18128407	0.23062562	1.00E-04	0.14756487
0.49668073	0.38588084	0.46100906	2.62948649	2.66129458	2.23070756	2.13087551
1.87388077	2.04694543	2.15407887	1.80116211	2.19000789	2.0177058	2.18272368

2.19543636	1.06414042	1.05460639	0.27753186	1.23124214	1.16561333	1.25847319
2.47838189	2.62959792	2.74331826	2.22450132	2.43542824	2.65741312	2.84383259
1.59708669	1.74399578	1.67143431	1.37267087	1.92510981	1.48251756	1.67031871
2.60828667	2.47296106	2.61860142	2.59613095	2.96432201	2.81881286	3.0050695
1.21739339	1.84054143	1.83806915	1.03351312	0.55192503	1.26791883	1.2623822
0.07296548	0.10830269	0.13058024	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56244124	1.37922028	1.70652163	0.62291527	0.49459704	0.92443608	0.96557194
2.2345984	2.58328112	2.5334452	1.92325483	2.10208272	2.18433771	2.27137014
3.19914455	3.50230563	3.29851553	1.50851345	1.74230685	2.1079044	2.16737328
2.86862113	2.79613378	2.92336987	2.69902322	2.9968334	2.90275487	2.94643358
1.00E-04	0.00709848	0.00607854	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93045049	3.36535521	3.35029484	0.97452874	1.49533725	2.12681757	2.19173387
0.3362557	0.1639799	0.31405534	2.21425171	2.20452873	2.36552468	2.57996626
1.00E-04	0.01667788	0.01382482	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.25429422	3.12870267	3.19479213	2.9570718	3.26857918	3.33704797	3.53606877
2.96114891	2.64411974	2.88194159	3.60928635	3.91279977	3.81649647	3.68927176
2.47695237	2.0199538	2.09739001	3.64989001	3.86764627	4.05880591	3.90175359
3.53216664	3.28177153	3.2969331	3.40555861	3.90747736	3.82755116	3.8675819
4.25691549	3.75257518	3.84065055	4.03095824	4.13565765	4.07015356	4.14321842
1.81665915	0.32912836	0.42293889	0.17057044	0.42562409	0.25287017	0.30141812
0.25850212	0.22726595	0.2154508	0.16050245	0.18032678	0.30296777	0.10992537
0.9043234	0.64794737	0.81464089	0.65760663	1.21684656	0.66170266	1.25450005
1.66710896	1.86257133	1.8763088	0.39989019	0.55421741	0.94709813	1.40750398
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13936952	0.02683283	0.01205441	0.5375101	0.4793988	0.16058094	0.7177609
3.46400629	3.40316817	3.40513265	2.73719874	3.16901056	3.12281351	3.31659882
4.29846782	4.30808836	4.39785274	2.71423636	3.06287855	3.08209073	3.14225963
3.27615557	3.00898936	3.1964182	3.44075337	3.82227232	3.82982415	3.85609072
2.90541158	2.64298786	2.79385435	2.27117416	2.67872909	2.57261171	2.91369228
1.79145367	2.28819094	2.53130998	0.63125679	1.08676654	1.7762977	1.52833596
2.63512468	2.65419077	2.768261	1.46600412	1.87362249	1.57350956	1.64428347
0.47795192	0.58736523	0.71071217	0.46570268	1.04904604	1.17779832	1.31937028
1.00E-04	0.01501308	0.02988094	1.00E-04	0.09255087	1.00E-04	1.00E-04
4.8223864	4.59026541	4.66308496	4.9201638	5.1823564	5.00589623	5.15203371
3.12744344	3.14337335	3.16938337	2.79468473	3.20968859	3.26950705	3.57969809
0.22067975	0.54321901	0.36987996	2.02435211	2.18775309	2.31107706	2.25834737
1.00E-04	0.00386208	0.01451473	1.00E-04	1.00E-04	0.11880472	1.00E-04
1.09776378	0.6437573	1.02695952	1.6782151	2.30727725	1.73743683	2.16186494
0.02156928	0.06109514	0.02338503	0.23168107	1.00E-04	0.20923502	0.49135832
2.65556659	2.69338545	2.81100983	1.63942715	2.47550513	2.41417858	2.68312463
4.02549011	4.37055149	4.28759238	3.38010397	3.76125357	3.90910832	3.92841341
0.62740153	0.23460521	0.23249421	0.51550126	0.60044756	0.37847078	0.46903873
0.44005389	0.45759982	0.47600646	0.86633054	0.74045926	0.80339124	0.91344564

0.15022217	0.11782039	0.19782763	0.357425	0.83973042	0.31638718	0.61800811
1.00E-04	1.00E-04	0.01705863	1.00E-04	1.00E-04	0.06794496	1.00E-04
2.42530791	2.21665692	2.30992167	2.20878444	2.60729635	2.70577553	2.69337219
2.82996825	3.08002212	3.08707929	2.35479082	2.73986111	2.92672514	3.0804941
2.99954374	2.61199249	2.91545292	3.30946534	3.73110405	3.55651732	3.69194003
5.07239248	4.54327084	4.63943806	5.28818616	5.49942433	5.44022187	5.38022886
3.81038696	3.96747043	4.00770306	2.78639897	3.1892733	3.89322722	4.18365912
1.89415926	1.51115416	1.58419905	2.0911031	2.65644789	2.08833071	2.51293027
4.58082654	4.12547688	4.17635818	3.67802471	4.08491369	3.9156709	4.13595622
2.12015927	1.81561338	2.06193431	3.52541723	3.58578132	3.74255859	4.17145539
3.20779082	2.65835191	2.99350816	3.02449237	3.56351809	3.53627106	3.9537754
3.14492619	3.14659004	3.27422563	4.48627667	4.80553846	5.17675546	5.39097424
2.54519281	1.88686953	2.09058559	4.23666085	4.21388563	4.1665264	4.54000561
0.17566098	0.01236293	0.07168061	1.00E-04	0.49327842	0.18126484	0.55818477
2.22744672	2.00156392	2.11087042	2.12626605	2.48757498	2.5177283	2.60270604
3.78596827	3.67772497	3.63356717	3.40578902	3.90332983	3.86357876	3.85919551
2.40586574	2.50829525	2.5502941	2.08491314	2.28179976	2.41243219	2.66572855
0.7429795	0.4837492	0.49985896	0.16502854	0.97409234	0.54520817	0.65109878
1.1128781	0.57153302	0.66884711	0.60802174	0.03514641	0.43312249	0.39350206
1.29283754	1.23892359	1.37265931	1.16993018	1.27271548	1.06839319	1.76372507
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.078355	1.85937738	1.97934023	0.93507732	1.48740916	1.29562651	1.67986654
0.1456219	0.11725826	0.41091656	2.39988025	3.13200688	2.45926654	3.49454801
0.10401487	0.12982901	0.16050484	0.65739689	0.63084695	0.53409915	1.1944967
2.42361063	2.31437567	2.38590775	2.26029106	2.80710875	2.74540617	2.75328172
4.50820655	4.13054736	4.43502755	5.12766841	5.38048252	5.32621087	5.36336431
1.00E-04	0.01965755	0.09895901	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8656367	0.76587084	1.35532743	1.00E-04	0.21941012	0.42899919	0.15077858
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34458284	0.28865337	0.63916826	0.57083373	0.64294868	0.61458056	1.13941663
0.02356981	0.04434406	0.06696899	1.00E-04	0.13053356	0.15505188	0.15348377
0.50832134	0.88404141	0.95768156	1.00E-04	0.12425187	0.21149007	0.15094262
0.01792537	0.00750536	0.0077596	1.00E-04	1.00E-04	0.071313	1.00E-04
0.05284004	0.02291617	0.01249827	1.00E-04	1.00E-04	0.03493912	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28588624
0.0467812	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47908455	0.11163957	0.16119986	0.42540642	1.29459319	1.11101226	1.03837171
0.39520723	0.298152	0.31318873	0.78371651	1.63835209	0.71889041	0.768688
0.8884345	0.40477865	0.59720247	1.21564132	1.59172185	0.84917368	0.93865893
0.04682966	0.11655903	0.12755771	1.00E-04	0.09399098	0.18922639	1.00E-04
0.05557526	0.02956473	0.07060416	1.00E-04	0.11591915	0.02907122	0.17026461

0.08066611	0.02095955	0.01485368	0.14839326	1.00E-04	0.12713224	1.00E-04
4.69668781	4.25727681	4.41684578	2.76196104	3.00290339	3.04227733	3.25472726
2.55648762	2.55748807	2.53092233	2.1349702	2.43292038	2.34227628	2.48088527
2.92897599	3.13174954	2.9132382	2.17520566	2.16053167	1.98760148	2.28900127
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.25040817	3.7346629	3.62346004	1.52722578	1.63216667	2.34358031	1.94570944
4.51673202	4.3794893	4.41970128	4.36139077	4.7055005	4.49123831	4.52288931
1.81535112	1.69436629	1.95374099	1.31344394	1.95299374	2.0296793	2.46004982
0.37985885	0.20310626	0.34761761	0.27436365	0.50693738	0.56900854	0.42833976
1.00E-04	1.00E-04	0.01183153	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.06795554	3.85171673	3.95683739	5.42725522	5.55008764	5.94902817	5.63166789
3.69395438	3.13324704	3.36698122	3.66435205	3.97993685	3.81286075	3.88690227
1.04220373	0.76294134	0.49078524	0.69616164	1.15980102	1.44938243	1.4187916
3.62290308	3.68897858	3.95373943	0.97840064	1.08119427	1.3872635	1.93757472
3.49856666	3.07413873	3.29413176	3.82365071	4.16739696	4.19725414	4.39403448
4.93517825	4.4917222	4.53910777	5.58639681	5.89017926	5.77203927	5.75879879
0.04144599	0.02519006	0.05234362	1.00E-04	0.96003606	0.67967732	0.88257599
0.17277196	0.07785181	0.0773829	1.00E-04	0.27268662	0.10984429	0.20759131
0.35021732	0.07465769	0.18356012	0.85046266	0.68761549	0.2031499	0.67510336
1.86108637	1.75126465	2.12230597	2.37866246	2.48790296	2.11249487	2.30800275
3.70146706	4.18590746	4.3865527	3.13716558	3.2550977	3.81558358	4.20203376
0.05743131	0.05054565	0.08253541	0.13036791	1.00E-04	0.20342041	0.37885565
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.97257225	6.13020605	6.075633	4.1892523	4.55677576	4.89966693	4.88463764
0.38722975	0.14212955	0.23162995	0.29343638	0.543629	1.39301207	0.87422821
0.48383925	0.29055007	0.32031647	0.65953005	0.8033723	0.52774637	0.44678651
2.49628802	1.31582816	2.09763445	1.15551552	2.1307151	1.28494089	2.03051455
3.0491023	2.53782923	2.74204947	4.490657	4.6754213	4.68840297	4.66480434
3.49493391	3.85521351	3.89664315	1.19999969	1.59583042	2.195189	2.43722638
3.33550599	3.61090389	3.64442381	2.4381375	2.77332576	3.24464287	3.06212853
3.12309828	3.2965868	3.3516212	2.36405401	2.61887734	2.90601377	3.05206404
0.68393794	1.05700338	0.91566261	1.00E-04	1.00E-04	0.18835302	0.18833211
1.00E-04	0.01295606	0.02059396	1.00E-04	1.00E-04	1.00E-04	0.20854712
1.84547626	1.15273936	0.95988126	0.3201607	0.28806722	0.84916371	0.36749607
2.34586997	1.68887201	1.80470278	1.9069113	2.8834927	2.74163508	2.88425868
0.67955245	0.41511834	0.47366726	1.00E-04	0.83743802	0.83076231	0.86099886
0.23847008	0.04093492	0.05633483	1.00E-04	1.00E-04	1.00E-04	0.0716276
0.34436269	0.15934684	0.17174381	1.00E-04	0.4948264	0.41994215	0.44476024
3.00884088	3.08618351	3.16860884	1.43825664	1.25939555	1.15385248	1.5089796
4.71554592	4.74411094	4.65805673	2.39802581	2.78618873	3.24161911	3.45034821
3.28129402	3.70711117	3.76889048	1.62763054	1.84594641	2.57925847	2.46233278
3.85874226	3.818405	3.90478092	3.42317709	3.85515461	3.925113	3.97792496
3.26931854	3.68003194	3.65398652	1.72042601	1.83864233	2.66761783	2.35140618

5.16200709	4.84590411	4.9234121	5.75523091	5.98489259	5.94856685	5.91642129
0.6559481	0.56955177	0.9108195	0.88278741	1.59330046	1.28399666	1.22806125
2.04315867	1.83100322	2.11236149	4.24007147	4.82944131	4.3668561	4.11805965
0.02355296	0.00692773	0.00651559	1.00E-04	1.00E-04	1.00E-04	0.08895297
2.31824911	2.66580918	2.67807403	1.57759263	1.92145161	2.4038228	2.41919225
1.28739155	0.88357036	1.17727788	1.16926187	1.9144604	2.22569573	2.55909228
4.43702793	4.48205771	4.47110687	3.19215619	3.49486394	3.5977293	3.56296181
0.07003015	0.13678833	0.08241402	0.16875998	0.05181674	1.00E-04	1.00E-04
4.00553176	3.95044556	4.1132533	4.19274002	4.23541682	4.60492822	4.5241864
5.50875982	5.58688065	5.38387429	2.70594782	3.58334402	3.97152052	3.81232871
1.00E-04	0.02092268	0.00677943	1.00E-04	1.00E-04	0.06808075	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43803325	1.68946228	1.79857602	0.20775337	0.68064982	0.97135492	0.99109875
3.98518824	3.73563276	3.88815101	4.18115711	4.50474031	4.34563998	4.37289439
2.07220208	2.29625764	2.11975702	0.81249515	0.74655541	1.24871202	1.18570779
4.89630962	4.60937149	4.32241312	4.66645861	4.98734941	4.99080054	5.0245344
0.04108085	0.0092339	0.02111913	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.93337967	4.22271698	4.32540034	5.97620647	6.20485825	6.10781239	6.00812401
3.17431931	3.13630844	3.24441939	3.17946213	3.60356616	3.52613983	3.63694657
2.45762355	2.21171736	2.39820155	3.22870228	3.59633089	3.36828654	3.18654777
3.7385194	3.56165393	3.70261596	2.62335659	3.07438046	3.26843547	3.48804478
6.04377527	6.43881658	6.40984633	4.16812035	4.49511377	5.2267472	5.37117867
3.68581697	3.57196363	3.61121461	3.89425257	4.11578585	4.14470419	4.01485079
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1919762	0.02809184	0.06881919	1.00E-04	0.25855274	1.00E-04	0.22058245
2.25481468	2.61273731	2.54501406	2.1409612	2.05629719	2.39200019	2.45971849
2.02941274	2.02407948	1.98734096	0.80968353	1.57769679	1.6702162	1.77311109
1.59013337	1.99803491	1.99339223	0.64065493	0.1817447	1.12804479	1.36915612
2.44635653	2.49881978	2.51230336	1.33975444	2.21510161	2.54427594	2.55815048
3.47928127	3.89846098	3.81115845	2.07389265	2.49642743	2.82833772	2.92667193
3.42028419	3.40380602	3.5449467	3.93832857	4.20163362	4.12322996	4.07223381
2.111469	1.81618157	2.02908375	0.6232347	0.73397522	0.70707902	0.62918484
3.82356928	3.38686995	3.47580657	3.82550894	4.11621081	3.98115391	4.04140853
5.17172582	4.25682501	4.61474102	4.9841887	5.09584807	5.30226061	5.36132991
1.63543415	1.37689329	1.49105865	0.79644722	0.66702083	0.66959586	0.9473851
4.70199783	4.45157313	4.3818101	1.16433956	2.20132041	1.8145413	1.80783471
1.21382984	0.7912724	0.98760354	0.54329771	0.95309368	0.49170669	0.70285105
5.45151936	5.83989457	5.81549618	3.99724266	4.3679095	4.58275083	4.61412826
4.37354875	4.10253914	4.27996256	4.34914569	4.75961553	4.67420175	4.78800011
3.11667446	2.61594996	2.70954706	2.78154766	2.91465033	2.90133764	2.91958201
2.28906148	2.033495	2.50066105	0.95928364	0.60434397	1.00677501	1.38167943
6.17517627	5.42957516	5.66742968	5.55103111	5.42313349	5.11775265	5.44524326
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.43251041	1.06672033	1.25103954	0.73952489	1.84280774	2.02253117	2.11162122
0.1231418	0.0241829	0.04513431	0.10863018	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00620686	0.02554816	0.0661705	0.38248468	0.30510151	0.21504768
5.78206018	5.30761256	5.42954959	6.08188426	6.21090679	6.03202718	6.10943827
2.11835784	1.92634076	2.07147398	3.02086411	3.3184164	3.13143	3.12731596
4.92204543	5.30235923	5.28341975	3.13937728	3.80409252	4.22162961	4.2503194
1.51982017	1.09426544	1.2994153	1.00E-04	0.57651947	0.3426858	0.38241911
3.7849279	3.02017895	3.36001144	0.67748115	1.41371575	1.29658371	1.04249249
0.69472637	0.33229949	0.20531225	0.80969241	0.93668347	0.93923629	1.17246978
3.40972099	2.96727972	3.17568498	3.2716482	3.98160529	3.94234851	4.10999586
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1.77630325	2.87961017	2.88214335	1.00E-04	0.60802356	0.92189306	0.57520601
1.73965982	1.21671029	1.75119058	1.15880101	1.93750077	1.58288466	1.34546659
0.25273864	0.13140804	0.22167884	1.00E-04	0.93658569	0.39448535	0.7912567
3.28317152	2.77040957	3.41846812	6.40884357	6.54449936	6.57871902	6.61605011
0.23433204	0.51017147	0.43779026	0.76515264	1.00E-04	0.62501996	0.6595039
1.38074778	0.96197922	1.02242422	0.64545573	1.12997759	0.83933034	1.1979741
5.49493063	6.05478748	5.98374651	2.50389828	3.36374913	4.36456899	4.19840013
2.89357926	2.45573423	2.65731393	2.56087989	2.48594138	2.25409276	2.7404005
1.00E-04	0.05190169	0.03013658	1.00E-04	0.41816759	0.42775938	0.85579828
1.00E-04	0.02898784	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.80156599	2.71971929	2.58346981	0.12235082	1.1100478	1.55812618	1.4564179
2.60242405	2.58417346	2.63461538	2.54822421	2.80668531	2.72570506	2.68351737
3.3465906	3.35263426	3.22583783	2.83298972	2.86848475	3.02466018	3.08509083
3.53989888	3.42344941	3.48421573	3.22451242	3.39693983	3.32972594	3.43874704
3.23456242	2.8872314	3.04457346	3.63168282	3.75955957	3.67775765	3.6707699
0.32973996	0.74978802	0.26468738	1.24959445	1.93718616	3.44134969	2.19464702
0.05978101	0.17054767	0.1073578	1.00E-04	0.22635328	0.31518579	0.33175944
3.35231451	3.3293307	3.407841	3.28694805	3.6746808	3.63510792	3.76128179
3.11859632	3.24199578	3.33166897	1.68117016	1.79224292	2.43696408	2.18608729
2.3886953	2.46870395	2.65037183	2.42204801	2.68569845	2.8618558	3.08658684
2.66684415	2.85307556	2.85299088	1.89185026	2.32000035	2.59388168	2.78149594
4.68223698	4.46433236	4.47328458	3.9766317	4.33173741	4.51661088	4.37416617
2.84726183	3.00386916	2.94463912	2.07077963	2.26987002	2.41916821	2.55862601
0.78860384	0.51895167	0.57257186	1.80958849	1.49151571	1.4442515	1.40055818
0.87246643	0.5287037	0.43354242	1.10832743	1.14397026	1.24493592	0.86038552
0.21596002	0.10634283	0.26346212	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59838062	0.4511707	0.52662676	0.79949314	1.42216242	1.44649467	1.44629875
5.52923133	5.39182355	5.41684922	3.52310029	3.80306442	4.04902714	4.17183507
3.59411034	3.20408409	3.43120911	3.50701156	3.99034496	4.00122218	4.07322574
3.32335127	3.25732767	3.28362362	3.00028902	3.30788658	3.21181817	3.16821672
3.30910661	2.88798935	2.99610726	3.65009084	3.80528878	3.48646378	3.50201393
5.32817447	4.86346741	4.88559029	5.77078776	5.94194724	5.83119547	5.69411747

3.75545012	3.56915294	3.71190718	3.67796044	3.9136436	4.02259412	4.14951765
0.37657987	0.03724201	0.06605234	1.71485652	0.84436269	1.29737358	1.43884671
3.06723851	3.34175262	3.31088253	1.96792219	2.44388333	2.58923784	2.91550289
0.80534123	0.50237149	0.49397283	1.00E-04	1.00E-04	1.00E-04	0.37841516
4.66553335	4.53847389	4.50726607	4.62768968	4.80566827	4.6413034	4.63840276
4.31414967	4.52824907	4.40891123	3.91769322	4.48318503	4.3766522	4.20716486
0.8255921	0.64830731	0.69436631	1.82578289	2.09590112	2.17391334	2.41156801
4.29298162	4.03627618	4.16199624	4.62941095	5.00857072	5.13257643	5.08104713
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1.00E-04	0.01207967	0.0085593	1.00E-04	0.52243107	1.00E-04	1.00E-04
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3.16414057	3.54226702	3.48119401	1.20004806	1.85685179	2.34589778	2.70515361
3.71691228	3.59825269	3.6585268	3.74616798	3.89893825	3.96002366	4.06305472
2.35485568	2.19564935	2.37888512	1.8096252	2.34872798	2.27404331	2.31735871
3.20641745	2.83900868	3.15427801	2.56434286	2.95437577	3.04570238	3.191967
3.00637717	3.02193009	3.1762095	3.44356811	3.77687733	3.72969128	3.81623507
3.770076	3.48541504	3.61255199	3.86034042	4.15471289	4.10028531	4.22202314
2.84269624	2.55908438	2.77526646	2.57759275	3.09995625	2.9334702	3.29580866
2.77857598	2.66597876	2.75364031	3.02957668	3.33194024	3.30487551	3.4510244
0.02389214	0.10267604	0.21483462	1.00E-04	1.00E-04	0.05538426	1.00E-04
2.64123013	2.84043763	2.9508376	3.08257748	3.11625125	3.02669556	3.1966591
0.88946755	1.12114799	1.49182428	0.50441654	1.29520517	1.64723264	1.50384169
0.01792537	0.01788529	0.00997036	1.00E-04	0.07917423	1.00E-04	0.38192503
0.0132028	0.03343055	0.0705209	1.00E-04	1.00E-04	0.1272437	0.5167655
0.45054548	0.49420648	0.26513254	0.26945026	0.26158917	0.06920702	0.21902171
0.18461136	0.23409621	0.2793216	0.52932995	0.31773764	0.300439	0.59411367
1.00E-04	0.00502575	0.00542475	1.00E-04	0.5052042	0.37668606	0.31332055
1.00E-04	0.00392894	0.02569223	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.4445246	3.90216501	3.85937479	1.55696908	2.23806868	2.55088578	2.70494938
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3.88936048	3.81314934	3.84649463	3.04280741	3.02920481	3.07201123	2.90388388
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1.00E-04	1.00E-04	0.00722201	1.00E-04	1.00E-04	0.064109	1.00E-04
3.99665518	3.55642141	3.59737257	2.92290069	3.00098928	2.56687832	2.53617214
2.99532198	2.63935816	2.8740709	2.95201961	3.20107262	3.0291653	3.17529195
2.47621648	2.24069324	2.33046079	2.95589857	2.91839114	2.94512781	2.93822659
3.77591195	3.60517704	3.69408544	2.56988834	3.44765055	3.64102049	3.71422967
4.17463337	3.53198153	3.70979562	4.0070371	4.2697398	4.32512689	4.35571764
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2.71128952	2.27667369	2.56131926	2.31767244	2.86465484	2.59560084	2.58405705
2.62637535	2.67009609	2.83319904	2.33737556	2.84411611	2.58281746	2.75795031
4.69798529	4.26897724	4.48393679	5.41279271	5.76012197	5.73572776	5.77623358
1.76197708	1.41522854	1.60136888	2.22449145	2.40200349	1.97799101	2.19975055

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4.82415272	4.40384595	4.59071874	5.13674215	5.34549882	5.35942174	5.42416038
0.01792537	0.04685605	0.03412389	0.62311741	0.40927249	0.88734334	0.7466873
0.14813121	0.11610369	0.11721822	0.57112682	0.60330762	0.39172653	0.35107971
0.84856473	0.84912895	0.76361539	0.33930271	0.70872298	0.48400516	0.47373228
0.17166255	0.10987422	0.12324876	1.00E-04	0.25748473	0.40034895	1.00E-04
2.12188197	1.51531714	2.02777654	1.75635751	1.46906906	1.43821555	1.61022299
0.32663945	0.34446423	0.44260853	0.49903186	1.33537092	0.66379461	1.04804145
6.51508197	6.41702121	6.44372054	4.91347163	4.99579068	5.17094808	5.29805333
4.46514591	4.29343993	4.39048219	3.15446274	3.64015465	3.68449796	3.78971691
5.0397132	4.74407002	4.78371675	4.50164998	4.66646697	4.73559014	4.71022132
0.34569544	0.09034541	0.11690621	0.08400379	0.67664561	0.62633645	0.80774937
1.00E-04	0.00842854	0.01059845	1.00E-04	1.00E-04	0.1108465	0.07231712
1.00E-04	0.01758253	1.00E-04	1.00E-04	1.00E-04	0.07390458	1.00E-04
5.91177805	5.67335935	5.58418936	4.0995005	4.04349042	4.13238766	4.36654443
4.00610429	4.33439728	4.20467121	3.96578419	4.28401879	4.13700787	4.26469844
2.08443127	1.95312013	2.05176464	1.41541593	1.76123971	1.48923154	1.42942245
1.62563495	1.41764025	1.53009503	2.03814661	2.45811053	2.43911318	2.29462601
0.09848139	0.08563857	0.11164772	0.97452057	0.21129946	0.35538847	0.44006374
0.36329551	0.20719966	0.33540737	0.48148781	0.69193345	0.9669329	0.70220066
2.84961555	2.86605419	2.82369403	2.57396128	3.0999016	2.92251473	2.855362
2.45389913	2.3923948	2.51732728	2.61179587	2.96478431	2.67988004	2.80630025
3.18099749	3.32284258	3.37800938	2.51349284	2.7786701	2.98707872	3.34969774
5.76755607	5.87064211	6.0603306	3.45188361	3.87875191	4.48222387	4.40921763
0.43228893	0.2868454	0.23271697	0.4446123	0.53207161	0.36080901	0.66306948
1.00E-04	0.01649083	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.58937978	3.98543271	4.25094001	4.9864807	5.23439125	5.15650054	5.21949405
3.38741494	3.80626148	3.74487364	1.48255106	2.21982861	2.30500287	2.6134999
3.92356591	3.82293004	3.27228039	3.60912888	3.99950583	3.83247235	3.92774832
0.44184213	0.27661419	0.45012217	0.11847098	0.43968071	0.2131624	0.71237327
2.15602689	2.00354661	2.09641803	2.0849843	2.22254087	2.26069098	2.62142436
4.28929606	3.99764628	4.1399444	3.67909775	3.71478871	3.78232554	3.88258334
1.49008248	1.19057284	1.46107278	1.58127101	2.21331214	2.78676038	2.75247337
1.00E-04	1.00E-04	0.01062387	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.22703827	3.87338936	3.84055012	1.54081572	2.45559152	1.79518684	2.07681338
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02172778	0.10086037	0.08104532	1.00E-04	0.08752684	0.09302262	0.10061715
1.02054141	1.26080462	1.27765949	0.77810117	0.9612557	1.06806154	1.44111165
0.20567977	0.22710514	0.16616009	0.137287	0.71672236	0.49058414	0.61539017
1.00E-04	1.00E-04	0.01232214	1.00E-04	1.00E-04	1.00E-04	0.18045682
0.06763809	0.01654529	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07620359
0.38621438	0.12743292	0.11261018	1.5159277	1.41261424	1.29859575	1.12544535
2.34377017	1.92158855	2.32909952	2.03994591	2.71818874	2.25193728	2.76950401

0.33519335	0.09572364	0.15645913	1.00E-04	0.44915998	0.2683741	0.36398012
1.4640192	1.19569515	1.62032814	0.16185184	1.00E-04	0.36638149	0.59572034
0.20780187	0.04843621	0.07663417	1.00E-04	0.19277083	0.12590021	0.2513625
2.04054407	2.00784162	1.65866213	2.83016717	3.34107484	3.01776739	3.17729241
0.39772732	0.22515961	0.24265411	1.00E-04	0.46250989	0.56929829	0.70475904
3.83917051	3.8301586	3.78186393	1.20552847	1.40004398	1.53966422	1.8002277
0.02463877	1.00E-04	0.02243455	1.00E-04	0.10458089	1.00E-04	1.00E-04
0.31370866	1.02902614	1.49318786	1.84091781	2.16265067	2.49961621	2.77925973
0.20021469	0.10758404	0.06933492	1.00E-04	0.13643469	0.52616258	1.00E-04
0.6493336	0.24048887	0.65374708	3.64974897	3.28291345	3.81628387	4.24610987
0.13256663	0.06486966	0.16108589	0.44543823	1.00E-04	1.00E-04	0.45264277
1.00E-04	0.01650484	1.00E-04	1.00E-04	0.3010526	1.00E-04	0.06876779
2.11343563	2.17731998	2.18628487	2.43197143	3.32816733	4.02855697	3.96514959
2.22701001	2.24764286	2.15418397	1.99097535	2.68567859	2.92411611	2.96469329
1.00E-04	0.03936684	0.04707408	1.00E-04	1.00E-04	1.00E-04	0.1453427
4.81345769	4.55362488	4.71163572	3.68055773	3.69853278	4.19121113	4.49572726
0.17175206	0.13069541	0.11591812	1.00E-04	0.20904449	0.2444486	0.18973592
1.51380506	1.03134625	1.11978104	1.75685251	1.76380493	1.55872737	1.85300895
0.94215788	0.62376681	0.64521821	1.35872059	1.43783915	1.99812803	1.76418318
0.06538532	0.03092156	0.35026173	0.50024182	0.64654413	1.7799232	2.31513588
0.46741643	0.3936537	0.41130683	1.00E-04	0.20027894	1.00E-04	0.13078953
0.15070527	0.05385827	0.0819691	1.00E-04	1.00E-04	0.13756004	0.09875895
0.21254041	0.17274063	0.26298347	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.55824391	5.10758447	5.02326666	2.22993907	2.64882219	3.39748897	2.97242683
1.41530824	0.83511372	0.81868766	1.61644794	1.34621633	1.47467793	0.85207378
0.02717806	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09756197	0.10831013	0.09656943	0.23648583	1.00E-04	1.00E-04	0.34497775
0.72473692	0.82664544	0.95113087	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24610259	0.0626648	0.01767656	0.56035538	0.46479199	0.1153051	0.1502351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06214322	0.51008846	0.73178117	2.40918128	2.34529892	1.99130664	2.1675129
0.20437786	0.24427121	0.4083529	0.17560837	0.21538942	0.69300962	0.8004305
0.01762064	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19062601	1.24131274	1.41592132	1.71923206	2.36574994	2.54374663	2.47759722
3.68349183	3.80946359	3.72339543	2.20848015	2.73592213	2.92955748	2.96895497
2.3394917	2.00918706	2.18797525	3.61154763	3.96474786	3.64824311	3.72969232
1.1546208	0.49131952	0.51348363	1.43901999	1.46587106	1.41980157	1.15179623
1.26939113	1.6004135	1.69887052	0.62623009	0.96932438	0.85786169	0.71572823
0.29521697	0.06692049	0.10390889	0.78317863	0.64910373	0.50503943	0.43387932
3.23481852	3.5877468	3.28043361	0.12761821	0.36035522	1.27849302	1.08277568
1.00E-04	0.1306619	0.26842731	1.00E-04	0.24640452	0.20287023	0.38105546
0.61043539	0.31614647	0.71456967	1.00E-04	0.66983228	0.70018484	0.54924764
1.00E-04	0.01528795	0.04672846	1.00E-04	0.6646898	0.41880862	0.1234221

3.97529556	3.42347067	3.47169226	4.25510502	4.76494694	4.51090837	4.54171499
3.09958779	2.4783278	2.72133934	3.69723738	3.84588024	3.75869006	3.76653265
0.85690946	0.95252513	1.01878208	1.02196035	1.44899283	1.09679372	1.26948191
1.09779597	0.27944961	0.35564227	0.18419057	1.00E-04	0.48581515	0.70331996
2.43486625	3.14190354	3.21501828	1.34971093	1.39826273	1.69148479	1.80839376
0.08815343	0.13339492	0.09671632	0.27408614	1.00E-04	0.25998461	0.40358538
1.04892839	0.59783118	0.66955268	0.32399456	0.09006319	0.1125095	0.18698807
0.06690791	0.07154695	0.06657714	1.00E-04	0.29657065	0.10906198	1.00E-04
1.00E-04	0.01256987	0.00571611	0.21026502	1.00E-04	0.2718138	0.15480146
1.06127845	1.14027387	1.1902559	0.44836697	0.39632952	0.46632841	0.22767568
5.75413998	5.61499171	5.47717541	5.6432296	6.01491835	6.09577428	6.04140546
3.07208226	3.22582413	3.20060452	2.04574432	2.74134351	2.74771351	2.81805565
3.39778861	3.63387027	3.52459334	2.70710273	3.15499282	3.55986073	3.469394
1.15429389	0.90150506	0.97698339	0.98628392	1.1910845	1.24175326	1.48146024
1.84652496	1.40710279	1.59069943	1.98979061	2.88900049	2.93492289	2.79494583
3.99541241	4.54172049	4.47990156	2.19566095	2.57173606	3.2612592	3.49656982
0.18200893	0.18949121	0.23969027	1.00E-04	0.28747031	0.10163253	1.00E-04
0.93508959	0.62231358	0.56557131	1.13029468	2.49648406	1.33040824	1.46791965
5.90286815	6.69018731	6.58407834	2.31306749	2.60803065	4.19066843	3.60077818
1.04092717	0.69671096	1.11990433	0.8505609	1.59317589	1.75055613	1.56717083
0.29060448	0.61858536	0.52667778	0.15759815	0.63726927	0.27441921	0.24165183
6.40712971	6.88489207	6.81394136	3.71534516	4.20146611	5.17292908	5.00982743
1.00E-04	0.02566472	0.01381247	1.00E-04	1.00E-04	0.09390207	0.17150768
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05660682	1.00E-04
0.0377083	0.07322004	0.1791683	1.00E-04	1.00E-04	0.45124384	0.1777381
0.04025935	0.05637491	0.10308817	0.15365949	1.00E-04	0.26988431	0.15185281
4.00940039	4.10869717	4.0629954	3.90699642	4.13343587	4.13550891	4.23115084
3.13147416	2.68244549	2.9444085	5.60814811	5.91433687	5.61482054	5.50219936
1.90840449	1.49918258	1.66879045	1.17844114	1.16405124	1.06308349	1.11301274
1.13719192	0.96952049	1.02774425	1.15095964	1.57481143	1.17765764	1.51643784
2.60399989	2.56262211	2.61250114	2.90999396	3.03513874	3.18603257	3.52069456
4.12487532	3.47581936	3.84852876	4.22442085	4.72713675	4.69578694	4.61172634
0.9735653	0.64968955	1.02534616	3.86694483	3.93129325	3.82323705	3.7500732
1.16495695	1.12669495	1.32253543	5.95221763	6.23544377	6.09747294	6.08765066
3.59149306	3.1890948	3.25962313	1.70274943	1.46149248	1.62050618	1.8957298
2.62689073	1.70594393	2.03947409	1.1229862	0.73663502	0.69823074	0.51779415
0.46819602	0.06690982	0.12684837	0.2255949	0.55837334	0.21901255	1.00E-04
6.16085252	5.89688322	5.96042768	5.17941452	5.52279133	5.55314104	5.55092996
0.28644511	0.13544289	0.13565914	0.1546664	0.92705573	0.66799006	0.85505957
0.29891417	0.27363839	0.36421121	0.52685814	0.72524323	0.4330376	0.64866155
2.77647155	2.49396861	2.72824694	2.60963246	3.21068486	3.65232207	3.65776151
0.13915654	0.19265413	0.18146395	1.00E-04	0.85830549	0.51863709	0.5102524
0.12758033	0.06371104	0.05339257	0.38576691	0.13105246	0.24033498	1.00E-04

3.80581238	3.535008	3.62766349	2.01284395	2.09912566	1.94577925	1.64828729
0.82332486	0.34253724	0.47741279	0.71431608	1.59400924	1.19259938	1.8417097
0.76969956	0.5423185	0.7191787	0.17577722	1.00E-04	0.20708758	0.3928494
2.69782123	3.02020883	2.96023723	2.17736613	2.58916479	2.67107802	2.77017487
0.08998044	0.05385793	0.07182037	0.18294609	0.21121078	0.50893524	1.00E-04
0.20843189	0.03513979	0.10065265	1.00E-04	0.17960673	0.04287821	0.18385946
0.4598664	0.10003462	0.1016322	1.20688731	0.64043366	0.63436273	0.27332768
0.27402054	0.2061998	0.36877846	0.33726758	0.16553738	0.45489895	0.20986783
0.69078538	0.33138821	0.44519565	1.55579009	1.08200692	0.7926151	0.85709463
1.43508089	1.22749277	1.4072645	2.81772424	1.22592898	1.35587668	1.58232005
0.3824297	0.14015911	0.04983053	0.24457153	0.02972907	0.41139267	0.04644583
0.99402597	0.74583213	1.06963982	1.28846397	1.21612548	0.73356915	0.86124659
0.18461373	0.19652227	0.21684384	0.73069938	1.00E-04	0.51800896	0.31293863
0.20380557	0.07746377	0.05612695	1.00E-04	0.13325287	0.05217349	0.10151431
0.15576829	0.10714711	0.25946074	0.75695681	0.69010728	0.26615265	0.56323689
1.53958728	1.36571365	1.39554389	3.41451617	3.1597341	2.81191048	3.22608945
0.54784295	0.56781715	0.64925293	1.25166634	1.1778464	1.32092578	1.49015425
0.20305181	0.07788268	0.04878117	0.32907425	0.1242879	0.28322471	0.29735119
0.09935828	0.13242494	0.19148887	0.13518266	0.76711477	0.44447777	0.5406289
1.11574363	0.81780182	0.9569203	0.87322984	1.15954867	1.24757289	1.36220993
0.66223858	0.64445374	0.79353097	0.50307736	0.44826577	0.60014993	0.88358003
0.92928753	0.96091029	1.04315904	0.36929519	1.34636483	1.45320224	0.95461564
0.50346881	0.2537054	0.44188422	0.58607761	1.18699054	1.24115194	1.08308292
0.98520109	0.75193515	0.94557286	1.16678755	1.48101795	1.67125376	1.58563728
0.99445027	0.9077165	0.71605332	0.2763214	0.52553993	0.75195639	0.69441346
4.04195825	3.69927033	3.77745074	3.84411765	4.0128246	3.73849259	3.92153239
0.10788367	0.02235573	0.01858256	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.88029997	3.8747141	3.95052891	3.71344645	3.98376755	4.09512611	4.06329015
6.14216045	5.63256514	5.73779193	3.42977727	3.47787188	3.43110486	3.52223957
3.59004477	3.53831272	3.70931423	3.26834849	3.51297691	3.51675848	3.58960224
2.13343215	1.1787889	1.65885441	5.19299785	5.02715906	5.09822453	5.38885288
3.41215222	3.42063103	3.38982049	3.13392226	3.12324524	3.19218502	3.5833693
0.89985972	0.64920433	0.8159256	1.24305439	1.51378026	1.27678293	1.49275669
0.25676136	0.1626577	0.11823843	1.00E-04	0.44775556	0.58283631	0.51792494
0.24514547	0.10885018	0.01534341	1.00E-04	0.12690053	0.22168848	0.08666006
0.07502534	0.0467575	0.02858979	0.41532447	0.48502116	0.11648159	0.30768178
1.00E-04	0.02280142	0.01030025	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48915315	1.3408909	1.63582926	1.08361634	0.56973758	0.64894329	0.9554469
1.00E-04	0.01092641	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21111897	0.17656971	0.29873029	1.00E-04	0.35039582	0.6448806	0.36218178
0.42667016	0.16342641	0.24667805	0.79921256	0.43695878	0.37242425	0.40668104
6.1078434	6.24447083	6.19712602	3.30220965	4.25435401	4.56981874	4.54748606
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.72520338	3.95434441	3.88841911	2.76675622	3.08779854	3.19541518	3.27877531
1.24499126	1.54921569	1.53025397	1.31295946	1.48567845	1.70901344	1.98041981
0.22407479	0.0416718	0.09763005	1.00E-04	0.174227	0.3203555	0.27968032
2.97124372	3.18243132	3.17181071	2.396672	2.91534092	2.90248139	3.05080021
0.84919442	0.50044166	0.75778024	0.40286983	0.74502563	0.94167786	1.28215334
1.94287416	1.85916611	1.92794138	1.58486011	1.6198174	1.44803896	1.49781193
0.06470897	0.01867594	0.00348864	1.00E-04	1.00E-04	0.04192111	1.00E-04
1.00E-04	0.02530113	0.00739433	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.04917578	5.90932563	5.72141416	3.39530999	3.77650741	3.88797042	3.94452331
0.44046685	0.41233526	0.57370126	1.00E-04	0.23734043	0.15750578	0.13773862
1.01220416	0.37368101	0.55628236	0.82877534	1.07144229	0.95145503	0.91417199
0.14400042	0.05373403	0.18922004	1.00E-04	0.28827588	0.16271589	0.18788052
3.54719016	3.84364236	3.87719369	2.73664846	2.81738206	3.26953551	3.29482039
1.17965212	0.69762786	1.26088371	0.11454254	0.82147009	0.63813166	1.17567963
3.95045403	3.53350706	3.63895067	4.26665957	4.1503459	4.28278769	4.1698466
0.80885833	0.39874072	0.63523098	0.69029074	0.33519695	0.30623666	0.70424258
1.14048183	0.67242563	0.74221854	0.87766694	1.77775194	1.37796158	1.36508679
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.8562871	3.01679108	3.01912636	2.78650229	2.8088555	3.075398	3.02043083
5.73658427	5.12226024	5.12678005	5.89444565	6.10649568	6.12390263	6.03138571
2.44035862	2.39517354	2.46442034	2.42484295	2.87106795	3.05304401	3.06043245
4.65097765	4.42527046	4.88695506	2.86188342	3.09621502	3.21087936	3.25260354
4.75795881	4.61550843	4.69053327	4.35242171	4.64561894	4.72937993	4.69612867
3.07616873	2.88763102	2.98649094	2.03613292	2.27316087	2.46727798	2.40519679
2.32327348	2.36928246	2.48209863	1.7062647	1.78233254	1.92603457	1.95832712
0.18263889	0.25683921	0.15225876	1.00E-04	0.81334849	0.65440198	0.2388022
0.08813067	0.01179919	0.05931873	1.00E-04	1.00E-04	0.29216004	0.47494347
1.17861535	1.59549206	1.35591116	0.83341597	2.61703006	3.15938588	2.96648023
1.00968501	1.15600535	1.11830136	0.46521844	0.91925792	1.03838848	0.70340198
2.5063369	1.88843745	2.25852717	2.20742431	2.18636936	2.4771048	2.29122005
3.90455907	4.44351924	4.18960206	2.37668768	2.71854952	3.46193756	3.43794121
1.00E-04	0.09558885	0.06351977	0.21798417	0.14787712	0.07447845	0.10061715
0.29148074	0.13907088	0.14777545	0.12356905	0.39179121	0.35890341	0.55669999
0.52134128	0.54162633	0.41264354	1.00E-04	1.00E-04	0.12384788	0.50143082
2.51796968	2.8344248	2.72925215	0.95633704	1.07591761	1.61324239	1.64633399
2.95535227	3.47493827	3.28080183	0.67139216	1.39073	2.11299939	2.13566976
3.42458045	4.29261178	4.21845038	0.79690265	1.500258	2.60919129	1.84266232
1.4171546	1.30269752	1.33506888	1.60368641	1.60066435	1.72683084	1.81514612
6.2772539	7.0394082	6.92599494	3.33367895	3.97742419	5.40189188	4.91733435
0.37337401	0.49486998	0.54156863	0.43586654	0.13837321	0.56644495	0.56385214
1.66005493	1.95477778	1.77661927	0.80214967	0.66609694	1.2305998	1.43683559
2.76302419	3.35144155	3.32926847	1.0391322	1.79792052	1.85996637	1.9704453
1.00E-04	0.14242268	0.1105451	1.00E-04	1.00E-04	0.2848487	0.32912958

5.46801071	4.6227162	4.62532104	6.03267494	6.33060828	6.25746643	6.21786126
3.33647391	3.0515172	3.09878013	3.69716247	3.76555164	3.81121971	3.85173943
0.03888463	0.00685845	1.00E-04	0.14617029	0.08396303	1.00E-04	0.09392342
3.66258002	4.30441744	4.29760122	1.91961793	2.59586124	3.16678747	3.43178689
4.17821177	4.31453898	4.2679735	4.03740207	4.51965366	4.56425359	4.57722403
2.44863484	2.43233589	2.56914953	2.25999793	2.26826626	2.30842237	2.71316381
3.85542098	3.69877405	3.7085107	4.0061733	4.11324474	4.09912145	4.13719409
3.08584964	3.20255807	3.21203607	2.43938399	2.85865248	2.81774069	2.80338977
4.46562644	4.15179	4.08241485	4.28032161	4.68924442	4.69760658	4.71178595
3.76313661	3.60230483	3.73054809	3.47933492	3.81685144	3.79786793	3.95351791
3.07171016	2.9261322	3.01557792	3.07822722	3.36953928	3.47751216	3.62468601
2.74473106	2.54705319	2.75705633	2.65345631	3.01493175	2.84937381	2.89164437
2.19015968	2.62814154	2.56475061	1.44008986	2.03285654	1.99985745	2.10989205
3.75817014	4.19895323	4.29274766	2.03324334	2.60025003	3.55385887	3.59016791
4.89138127	4.71470491	4.81890499	5.02034007	5.43787791	5.30460673	5.28408417
2.21916975	1.58354417	2.04715088	0.97137921	1.52842752	1.24231164	1.42929965
0.6648388	0.6997179	0.85520722	1.00E-04	0.83325807	0.78452907	1.02935672
3.93469003	4.48332739	4.39415338	2.56272944	2.75073139	3.2105901	3.38980432
3.49327982	3.16589345	3.2303105	3.83859188	4.07460758	3.99944179	3.86066161
3.07705361	2.91826224	3.23687773	3.3312114	3.81712714	3.77204077	3.7794065
3.32448803	2.95955102	3.00394365	3.69699798	3.87460936	3.7542517	3.82815771
2.21881167	1.89484319	2.08344031	2.65865632	2.73117495	2.73966295	2.92039012
1.48815855	1.31609619	1.46369119	1.73689753	2.04006145	1.9940852	2.1773337
4.19109175	4.52745586	4.60424906	2.20825265	2.72159767	3.33826722	3.47983407
3.22199035	2.80274968	2.60667447	3.2437169	3.5520475	3.56760403	3.58090649
2.91311123	2.56855065	2.93796753	3.17562815	3.75593474	3.87644432	3.97596863
3.41616724	2.94656182	2.96040009	2.24131987	2.55734432	2.44427518	2.60153101
1.18805997	1.03741103	1.21607207	0.15087143	1.09668691	1.00169158	0.89918056
3.59954289	3.38025342	3.34002097	3.64976333	4.02287175	3.86482473	3.77774823
2.3527476	2.54254583	2.48130864	2.41930506	2.54320228	2.53379457	2.46207173
2.75648708	2.81080884	2.8993451	2.23279749	2.71318827	2.9261605	2.87210935
1.00E-04	0.22583224	0.50763834	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88831504	0.58560897	0.65627868	2.12698614	2.10593254	1.99939631	1.89141831
0.40602291	0.28956407	0.3544028	0.3376568	0.1242879	0.06890704	0.11977659
1.00E-04	0.01858836	0.02461268	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89349024	0.59824738	0.57617753	1.63169136	1.72850631	1.57681691	1.85631986
1.00E-04	0.00606405	0.04444195	1.00E-04	1.00E-04	0.07801542	0.25866289
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.92428658	3.04726891	3.04734216	1.75435408	2.46114855	2.31062946	2.1498257
2.65230012	2.00283825	2.37358234	0.76954522	0.77261563	0.76346553	0.7747493
0.39499911	0.15646543	0.34382701	1.07582813	1.64498528	1.10922654	1.02568785
2.09790994	1.99085434	1.84263708	1.00E-04	0.14270522	0.48767146	0.82996102
0.055246	0.04133656	0.11781513	1.00E-04	0.28297176	1.00E-04	0.23601057

1.00E-04	0.00246865	0.02201646	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06932029	1.00E-04	0.02544701	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49050283	2.2009307	2.46208305	3.14713452	3.01022799	3.15417778	3.33354096
3.71522038	4.13058001	4.07712778	2.50591858	2.54658491	3.09916606	3.00685081
0.16869876	0.07750265	0.12198245	0.14994398	0.590853	0.14715175	0.39758139
3.96197636	3.72106945	3.96255687	2.83776976	3.05206973	3.01715844	3.11451755
0.81078578	0.81588161	1.09461336	1.36601446	1.56641444	1.59670924	1.84419796
4.08924301	3.74802714	3.95477049	4.08857475	4.46361262	4.50153171	4.49041823
0.1780111	0.04616844	0.06103898	1.00E-04	0.23299132	0.21139665	0.05764307
2.74168982	3.20419587	3.08605308	2.15934708	2.21427213	2.54476241	2.55308843
0.91412395	0.48655402	0.70609962	0.11658486	0.13801666	0.19521624	0.9522881
0.02177086	1.00E-04	0.0691192	1.00E-04	1.00E-04	0.47277213	1.00E-04
4.52679673	5.35964583	5.22703569	4.21262192	4.2369665	4.65766567	4.64256181
2.04843285	2.20246616	2.26725673	1.93770755	2.33595789	2.20756792	2.33438377
0.01505693	0.02816273	1.00E-04	1.00E-04	0.47504117	0.09449768	1.00E-04
3.59137673	3.22055169	3.42194875	2.75202091	2.98332095	3.05128128	2.96051889
0.28112454	0.92826241	0.33869861	0.16300593	2.27050305	4.21090674	2.72584913
1.83440431	1.81121794	1.45935378	2.53763214	3.66105362	5.14562676	4.36153603
0.0970356	0.29513457	0.26003225	0.97377849	1.64314208	2.9665755	2.47107168
0.04410169	0.38017556	0.5918441	2.02683292	2.15402763	3.86505251	4.0945215
0.04911811	0.27981812	0.51531257	1.50030026	1.90631858	2.72176104	2.68604241
0.09565235	0.12800653	0.02391192	1.00E-04	1.00E-04	0.14831204	1.00E-04
3.28082837	3.97356715	3.8587884	2.09493876	2.84995437	3.46369536	3.53989704
4.85314986	5.20792238	5.09039378	2.15149908	2.77450133	3.73624568	3.58093202
2.16337051	2.62037597	2.58869624	1.03982943	1.49577534	1.84916069	2.16253352
5.24316163	5.37004421	5.31546115	4.39017359	4.58671692	4.57033825	4.39117366
0.33382076	0.23125831	0.21313537	1.00E-04	0.28330324	0.04817902	0.31564895
5.24724095	5.90261978	5.7997931	3.01086268	3.51121711	4.52950652	4.47599467
3.06735498	3.16807701	3.12832381	2.46099474	2.5905568	2.42276042	2.46318555
3.60451679	3.86418675	3.89386419	2.96098955	2.98912211	3.22039143	3.49722439
1.00E-04	1.00E-04	0.01041354	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2538225	2.10955341	2.14938611	3.18347843	3.65592608	3.51871636	3.44583123
3.62678461	4.1174795	4.25907132	1.27931742	1.80738803	2.30875041	2.38574734
3.84921195	3.68419759	3.87635031	3.72535857	4.0984235	4.01102107	4.12730267
3.21049998	3.37174598	3.32004569	3.53362043	4.09020269	4.07304071	4.05105962
4.27162651	4.62596348	4.76891752	2.74567018	3.0321381	3.47332154	3.46648892
3.4546975	2.85012278	2.95060859	4.41532633	4.68559749	4.52485019	4.48718707
3.89940313	3.8576074	3.86870552	3.35921829	3.61119029	3.59906503	3.62840074
3.60838865	3.97549373	3.84239279	3.13754167	3.2324401	3.40831565	3.44822976
4.40676173	4.55709892	4.51701272	3.67895196	3.91440671	3.9761085	4.13397327
4.50368143	4.85453082	4.78476001	3.65895144	3.79109047	4.18300569	4.22350357
3.7063598	4.00761282	3.96433839	2.94662265	3.18634756	3.41160902	3.44743669
1.46329793	1.99131669	2.14550084	0.8965878	1.40060687	1.82872578	2.10902428

3.16473652	2.8690789	2.81394186	0.69405539	0.97050048	1.28267341	1.19951358
1.00E-04	0.06291206	0.14204228	0.30677069	0.20726331	0.17753424	0.19212955
0.33069373	0.04263405	0.07954193	0.46344276	0.61209133	0.2548317	0.09536994
0.17015354	0.09103398	0.11569391	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02572008	0.05393021	0.05479018	0.14000096	1.00E-04	0.33773875	1.00E-04
1.00E-04	1.00E-04	0.0058369	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52430743	0.5560315	0.91351154	0.38667127	1.02964541	0.95623043	1.22048477
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10825087	1.00E-04	1.00E-04
1.77712735	1.66772358	1.72659387	1.26050512	1.89639252	1.74397008	2.00582236
2.89344253	3.03703149	3.06436767	2.22808357	2.78566522	2.95521521	3.11152567
2.38781544	2.0986814	2.41854391	2.57773006	2.8731554	3.14270095	3.09522355
1.51625764	1.45414542	1.21497865	1.00E-04	1.00E-04	0.21854899	0.41929659
0.21492948	0.11174789	0.08706426	1.00E-04	0.09798536	0.03051417	1.00E-04
1.94968976	1.4755925	1.53161609	2.36464471	2.51460986	2.09171621	2.4920597
0.30755524	0.26948874	0.18839463	0.59303777	0.78825669	0.95957922	0.45017589
3.50310225	3.32341199	3.4384329	3.45656239	3.59022782	3.80749559	3.90110557
2.92334226	2.85224572	2.97173795	2.73532634	3.37959887	3.00614876	3.15892007
3.07621055	3.36518175	3.17281451	2.57854169	2.6386577	3.13063493	3.08892815
1.96637455	2.01447076	2.13981231	2.4197583	2.72269259	2.9137945	3.19233526
3.23956009	3.52741121	3.5238433	1.43926586	2.05029971	2.52661403	2.55699276
1.34461509	1.09134844	1.45006345	2.37387983	2.77843706	2.63491929	2.63968885
3.25303559	2.97922519	2.99924346	3.81563508	4.01115145	4.03886355	3.98963113
2.10259766	2.08821561	2.18831859	2.20808216	2.33532376	2.44784411	2.33594116
2.50666832	2.2099031	2.2854027	2.61792167	2.64285604	2.62292411	2.61006165
0.19900522	0.20179519	0.16743446	1.00E-04	1.00E-04	0.1450979	0.04336616
2.91869495	2.55298498	3.0952466	0.96451773	1.56967314	2.15628324	1.64849421
3.45531199	3.83666251	3.87694471	1.89107517	2.50098774	3.01902688	3.34272028
1.04362223	0.89869538	1.40964222	1.00E-04	0.38479332	1.44384805	0.87817457
1.91169306	1.59803582	2.14121078	0.44794276	1.70349891	2.17892737	1.90505475
4.53090041	2.56885008	3.93163182	1.74155546	2.95081964	4.4455433	3.54457854
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.52369223	5.08060173	4.46718557	1.63092264	1.86923068	2.84159787	2.49898762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02772524	1.00E-04	1.00E-04	1.00E-04	0.11146869	1.00E-04
4.01850481	4.00367045	4.04931698	4.32940789	4.54249667	4.6037106	4.59420744
1.31773112	1.02321048	1.16227458	0.38373363	0.28178042	0.46033598	0.52741369
4.76752016	4.60658827	4.43076612	4.87272361	5.29916297	5.23571651	5.29451856
0.09909768	0.06100762	0.09142551	1.00E-04	0.30297143	0.04988195	0.13882011
3.03024859	2.69396095	2.77120074	2.63784323	2.89831785	2.73710319	2.77195526
2.56144726	2.84617216	2.75319088	1.21108873	1.41587694	1.71052603	2.12744845
3.13008214	2.77938374	2.88907883	3.60165048	3.83149347	3.84779612	3.95602363
4.8899507	4.83807328	4.80531203	1.55760745	1.44090929	2.15691323	2.11054397
4.28710981	4.38681409	4.45577285	4.38956671	4.59348484	4.77048878	4.81958177

0.3790227	0.47600093	0.40614596	0.18322119	0.19889168	0.55155097	0.30952786
1.22532861	1.14204525	0.91636706	1.13045752	1.13925207	0.93753261	0.68055258
0.44738174	0.53333648	0.56779836	0.2676431	0.63058686	0.39666588	0.82710363
0.10972025	0.06037677	0.01176158	1.00E-04	0.27096473	0.05242581	1.00E-04
0.07006166	0.05261504	0.06968495	1.00E-04	0.22230364	0.10706189	1.00E-04
0.50592286	0.38542149	0.43168134	1.00E-04	0.6363821	0.64643428	0.58945335
1.00E-04	1.00E-04	0.0074183	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.35657282	3.54122054	3.3931582	1.93482471	1.96503079	3.50524876	3.7714973
3.12936033	3.51329415	3.55472058	3.82354726	3.93521931	4.13568695	4.3412085
2.59261381	2.44642435	2.56828929	2.68746157	3.12903129	3.36277294	3.55098625
1.24707599	1.06369942	1.09986108	0.7186406	1.5364207	1.15653775	1.4104093
3.6972224	3.76199026	3.87056379	3.18791141	3.38493527	3.56777192	3.43206139
3.32607484	3.0047255	3.30475291	3.32467547	3.57612922	3.66071744	3.70254604
4.65102148	4.06389729	4.1409206	4.96440354	5.04113637	4.76472687	4.80810396
3.63853805	3.56422526	3.6510033	3.47542922	3.54884218	3.4175683	3.56060465
2.06956997	1.90098101	2.08202247	2.1957291	2.36669841	2.09394818	2.09780564
2.31131146	2.01867305	2.28352969	3.64144991	3.91327325	3.84192748	3.98968897
4.76466856	4.32342025	4.3853768	4.57729831	5.02942584	4.95876907	4.79728501
3.82778058	3.22397177	3.8888185	4.07604399	3.89019344	3.28694911	4.06277189
0.17164569	0.091616	0.23796436	0.33240704	0.69435592	0.81780612	0.89028247
3.93513692	4.46154288	4.50228368	2.3278588	2.53838383	3.11269718	2.9727157
2.47117012	2.79813789	2.93209728	0.69400121	1.2931384	1.35918056	1.61600042
3.48615008	3.66056426	3.5398916	2.30117681	2.96063459	3.10673756	3.18384109
2.67946144	2.66940213	2.61673422	2.39524549	2.57608291	2.48718838	2.69390471
2.55195077	2.39554705	2.91479762	1.40710554	1.21613798	1.70353273	1.47908204
2.33142865	2.15271462	2.18076029	2.16099381	2.59543446	2.47852044	2.55402289
1.7241052	2.08779176	2.05515916	0.5614443	0.72483947	1.10530995	0.71834044
2.59305786	2.38988819	2.46347886	1.55829522	1.64590507	1.6979423	1.60840836
4.69924242	4.78379732	4.79025584	4.52871523	4.75918003	4.69578632	4.73360047
2.02710729	0.90114067	1.14893445	0.75332473	0.93510041	0.60508278	0.6470641
3.79344044	3.5968625	3.74010601	3.8547857	4.10988325	3.94227164	3.97020419
3.3974989	3.01197768	3.35447707	3.60095566	3.92308145	3.69000152	3.93920467
0.73193581	0.80032269	0.88723982	1.45671328	1.67166213	2.0609479	2.36065756
4.64265163	4.05374649	4.16646735	4.2150736	4.29179763	4.26102464	4.32519621
4.59719365	3.57880391	3.85138553	4.3036405	4.80910624	4.53926132	4.59695082
2.91826573	2.92709243	3.10466936	3.11770728	3.42484864	3.67899399	3.70735366
0.76568927	0.7492356	0.4255473	1.68742541	2.14161557	1.94735784	2.02568687
3.70622976	4.04855505	3.97577822	0.62521866	1.40773851	2.24286193	2.04062953
3.20110376	3.98954367	3.72414456	1.80804931	2.14115515	2.62262475	2.7982462
3.7970023	3.75949539	3.68517624	4.56583009	4.62798376	4.57421081	4.58448185
4.72541086	4.31789257	4.46016067	5.13890121	5.40226779	5.3195847	5.28289752
0.96959568	0.59759913	0.77766342	2.19064751	2.37631598	1.99578683	2.64316638
2.53240982	2.35871412	2.37256058	2.16852675	2.5312266	2.20776973	2.4908187

4.73005259	4.11083299	4.21071114	5.16375437	5.36815048	5.39259343	5.28675122
1.57706131	1.79803166	1.96055756	0.74786882	0.6491663	1.00657298	0.88877461
2.17242533	2.27554118	2.40996866	2.27605704	2.3795621	2.73115514	2.81865558
1.52936848	1.14312776	1.30611126	4.65894438	4.80043852	4.82389267	4.47601991
2.52529357	2.12130199	2.53606069	3.33973999	3.2853177	3.31630042	3.60841947
2.20931869	2.10579427	2.23103872	3.43630098	3.72946416	3.70662033	3.89039715
3.29552705	3.17100962	3.31593466	4.06232865	4.27192795	4.18413913	4.364831
4.79919252	4.22286663	4.45170998	5.57956653	5.86460177	5.80956897	5.77418952
3.89502675	2.41481821	2.78995135	3.13680615	4.07815239	3.30131723	3.25344478
0.02744489	0.02273236	0.02959262	1.00E-04	0.22111435	1.00E-04	0.20205801
2.56698742	2.69485039	2.99940524	2.30479773	2.55474577	2.74436451	3.41051957
0.49148026	0.26533577	0.30100122	1.00E-04	0.62146449	0.40163362	0.60543849
1.00E-04	0.01309915	0.01740751	0.1682166	1.00E-04	1.00E-04	1.00E-04
0.39577377	0.55294407	0.61474658	1.00E-04	0.49088037	0.46163997	0.74984572
0.06095378	0.05860074	0.04986038	0.14994398	0.33657624	0.08115151	0.29591626
0.91520634	0.75169981	0.63968759	1.00E-04	0.18785054	0.25717977	1.28312785
5.08015729	4.46154702	4.69046737	6.18042057	6.44336448	6.3586861	6.27630117
4.77417224	4.3331533	4.50780268	5.35972422	5.45837632	5.43126724	5.51088367
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5.23502039	3.34492688	3.61330936	2.25234161	3.92107764	2.64741695	2.75483468
5.20103648	2.84162208	3.52995134	4.7238363	5.99529443	4.57464564	4.67739249
4.86659699	5.34105296	5.26685996	3.60596642	4.05991386	4.35162054	4.19253725
3.7921409	3.64735754	3.82805497	4.18374158	4.37865943	4.283762	4.6410613
1.09429356	0.56153222	0.64042008	1.00E-04	0.50492964	0.87161996	0.72396478
0.20375927	0.07310621	0.03338927	0.14128856	1.00E-04	1.00E-04	0.10314609
1.00E-04	0.00227404	1.00E-04	1.00E-04	1.00E-04	0.0998412	1.00E-04
0.89685218	0.23606737	0.17585588	1.00E-04	0.18286082	0.14693463	0.20805132
0.82817583	1.09599376	1.21508805	1.00E-04	1.00E-04	0.59829408	0.8002367
1.28565758	0.96299051	0.68859634	0.72897436	0.5169096	0.6049128	0.42453103
0.40585416	0.14083394	0.45334854	0.22263671	0.41507875	0.16998861	0.20102621
5.01660813	4.90049422	4.92141122	3.71487299	4.31265757	4.24021489	4.33161462
6.35893282	6.36043294	6.25168861	3.5013701	4.16831613	4.61848841	4.4199915
3.42583996	2.82183471	3.08134765	3.71316755	3.95779567	3.72946774	3.888562
3.25897859	3.4218883	2.98885418	2.83660965	3.07739142	3.4382714	3.01952552
1.57650726	1.36410051	1.47981455	1.03525009	1.17494109	0.97192905	1.16480492
0.02782236	0.09000526	0.19460854	0.26348264	0.24091591	0.13402609	0.54429371
0.10314514	0.03717244	0.00808926	1.00E-04	1.00E-04	0.10002673	0.18443709
1.00E-04	0.01602703	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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0.3601696	0.15843768	0.22700154	0.30331724	0.32059335	0.40914177	0.0721693
1.11764945	0.65123989	0.76987513	1.53760332	2.14819654	1.89318081	1.64738906
1.65870551	1.82931871	2.38155358	1.00E-04	1.00E-04	0.41086153	0.39595647
0.05430013	0.03054937	0.02191338	1.00E-04	1.00E-04	1.00E-04	1.00E-04

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3.52660649	2.8535447	2.85099288	3.35084355	3.13528193	2.7869392	3.2937336
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0.06900812	0.0272812	0.01412931	0.34939667	1.00E-04	0.26952086	1.00E-04
2.17219478	1.55720296	2.03065444	0.22920744	0.19791603	0.1492134	0.04644583
0.33543016	0.30196124	0.46763892	1.00E-04	0.98808897	0.99382172	1.02815435
0.02624948	0.01255746	0.02820542	1.00E-04	1.00E-04	0.05553903	1.00E-04
0.05401953	0.02508934	0.07475311	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14764708	0.10678761	0.21912132	0.30482475	1.00E-04	0.11310886	0.0738293
3.80310192	3.63245502	3.70025217	3.75461962	4.06571186	4.17447268	4.0898617
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0.73522301	0.74885351	1.06027453	0.23321093	0.90325534	0.54806201	0.54582049
3.12875296	2.82424549	2.92800579	2.84063083	3.11785039	2.74837167	2.68049076
0.31949084	0.087526	0.22054041	0.58463558	0.96514933	0.76473848	0.9625964
5.98941629	5.45345248	5.3952011	4.81553049	5.44303819	5.1605285	4.8226567
2.77941868	2.72576306	2.76757404	2.77384734	2.87488577	3.1621701	3.13442368
1.00E-04	0.06889648	0.03605689	1.00E-04	0.16395288	0.0454868	1.00E-04
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1.107321	0.95078685	1.19027843	0.68055905	1.63940324	1.85556891	1.70921755
0.85263624	0.53484037	0.73477076	0.19370881	0.52147404	0.93145428	0.95357922
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1.07113108	1.19050464	1.35792314	0.12405056	0.52793054	0.49605406	0.79579602
1.86795138	1.90340082	2.16419015	1.63560987	2.29146863	2.28692888	2.65095461
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4.7521799	4.59567482	4.64586622	4.86926447	4.75159541	5.12168447	4.99991583
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4.10824281	3.90666942	3.86030289	4.06875722	4.40155609	4.41845292	4.42222177
6.45848378	6.28478481	6.07133351	4.65837193	5.00010336	4.79893156	4.71093546
5.09809225	4.43584355	4.76628543	4.8819551	5.19901413	5.01520326	5.11720879
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4.97083531	3.90298334	4.08721272	4.51467098	4.94993641	4.48503207	4.43340943
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0.14225515	0.35084275	0.32570267	1.00E-04	0.15843334	0.36370915	0.25995005
1.28723381	1.24792881	1.12598734	0.59968982	0.72605335	1.26765726	1.11915532
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0.16124646	0.27520601	0.17428941	0.16603999	1.00E-04	0.41552856	0.6597439
0.02413594	0.02692635	0.02776362	1.00E-04	0.07945286	0.44807879	1.00E-04
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1.00E-04	1.00E-04	0.0048579	1.00E-04	1.00E-04	1.00E-04	0.11452787
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0.27560642	0.14726455	0.17386526	0.47860671	0.28145816	0.24435538	0.31101697
0.57746936	0.78443037	0.67955224	0.74868187	0.85511564	1.19706537	0.63851499
0.51686414	0.60207144	0.48953451	0.52543769	0.33757229	0.9453181	0.63939358
3.36740233	4.26279062	4.04824562	2.96851925	3.18019674	3.59560766	3.59870906
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5.0695018	4.33625283	4.34242398	5.65450395	5.81672701	5.71737249	5.70840619
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4.245117	3.70982119	3.98750682	3.89656309	3.91898062	3.70850232	3.59270513
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1.00E-04	0.00465712	0.02515886	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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0.21944856	0.20809666	0.24177001	0.19422296	0.35473377	0.34425881	0.21975574
4.15891318	3.47469702	3.99512573	4.77513285	4.91773049	4.80750675	4.857062
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0.489553	0.2953643	0.10756621	1.00E-04	0.30762385	0.49235726	0.43373098
4.41289961	4.51891499	4.62569796	3.21667043	3.36994494	3.66019448	3.89213795
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0.48222418	0.24241721	0.32076185	1.00E-04	0.6393331	0.98730904	0.62803471
0.20629058	0.07678641	0.05648283	0.17861099	0.1874256	0.42839816	0.13025825
0.02204768	0.02103096	0.01433212	1.00E-04	1.00E-04	0.05930978	1.00E-04
0.54271372	0.3471161	0.60747346	0.12228952	1.25979347	0.77766004	0.81278431
3.42003748	3.75413133	3.9280591	1.2879667	1.31493587	1.69288733	1.75262468
3.60216337	3.98323709	3.94591684	2.29917444	2.74530806	3.15100333	3.46157487
4.52230001	5.15363749	5.10408521	3.63748996	3.78362126	4.18122059	4.09151686
0.44316982	0.30898189	0.41557076	0.26622819	0.40511903	0.39134675	0.55929559
6.09461448	6.19412321	6.14294028	5.61723366	5.78523989	6.07545529	5.99294948
4.81513044	5.00830238	5.01709976	4.41036371	4.57614771	4.73815244	4.79577762
4.472566	4.8492368	4.7130656	3.61408247	3.72650469	4.03094993	4.03260283
5.2971935	5.22010961	5.15545296	5.7190263	5.95499647	5.84595405	5.91229047
4.6674494	4.61061988	4.71396861	4.67908564	5.03413725	5.02536539	5.08787565
4.87340277	4.84640755	4.89926456	4.20119114	4.44757444	4.55855689	4.80486167
4.75126533	5.06608405	5.07861237	4.37629468	4.65923935	4.88533148	5.1008968
4.69757898	4.50369587	4.64272318	5.10802113	5.27031194	5.29937758	5.39103353
3.09681457	3.28361261	3.26527074	1.99456823	2.55160407	3.10234954	3.06896413
4.46638918	4.58602198	4.61526098	4.46126016	4.75398556	4.89382178	4.92154945
5.1475237	5.30689847	5.36828883	4.30728739	4.64553177	4.91981294	4.93841785
4.22767955	4.04202308	4.02053229	4.13118254	4.36345244	4.2436295	4.27867075
3.86156455	3.53067144	3.77514083	5.26548871	5.75406904	5.67027226	5.52821606
4.7111595	4.74355343	4.78407635	4.71385115	5.0440351	4.94828334	4.9585176
4.44679741	4.51819753	4.57740445	4.10593436	4.42952383	4.49147159	4.54371811
5.50410563	5.38903581	5.47056167	5.29447992	5.54049271	5.48117884	5.64264773
4.22858062	4.16717146	4.34535104	4.78533885	5.08167009	4.95790758	4.84293332
3.57889876	3.63253841	3.76160045	3.27767393	3.53635574	3.53821973	3.70233466
0.99195843	0.78651834	0.93767265	1.00E-04	0.12530527	0.2522434	0.40376428
3.07587099	2.4459692	2.46337073	1.67045046	2.00093345	1.98423494	1.48064577

2.57248195	2.40285227	2.62346369	2.72606661	3.00068049	2.82411486	3.0001358
2.42031732	2.35167278	2.71745022	0.80781835	0.41410539	1.53284285	1.55765097
2.12384313	2.33259139	2.29908918	0.48372632	0.90045637	1.29914803	1.67386963
0.73542215	0.35378594	0.56007157	0.96109225	1.21557998	1.3844575	1.61031164
0.99721238	0.62727147	0.6799691	0.76309589	1.0595082	0.67998838	0.5080624
5.01292249	4.55148315	4.53631427	5.13032946	5.29038336	5.38574535	5.32947323
1.36980184	1.4684995	1.63439533	2.99982638	3.41109533	4.47902924	4.23896766
0.81971797	0.47177823	0.62639101	0.44996083	0.95463428	0.69009095	0.63255745
1.50625406	1.00214228	1.2151708	0.2550039	0.52369331	0.26428413	0.78152388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01438358	0.00826705	1.00E-04	1.00E-04	0.04010263	1.00E-04
1.00E-04	0.05924648	0.10783571	1.00E-04	1.00E-04	0.08368367	1.00E-04
0.02331602	0.09389415	0.11302295	1.00E-04	1.00E-04	1.00E-04	0.07607224
1.00E-04	0.0462091	0.06209934	1.00E-04	1.00E-04	0.06738813	0.09419915
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03557364	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00550934	1.00E-04	1.00E-04	1.00E-04	0.13251227	1.00E-04
0.02872514	0.0315797	0.11454697	0.21333572	0.33308729	0.35594727	1.00E-04
0.1147653	0.08964268	0.02580922	1.00E-04	1.00E-04	0.02909249	0.41171211
0.18702497	0.4203463	0.279051	1.00E-04	0.17896148	0.23497339	0.28001227
1.00E-04	0.03918647	0.02960611	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63840006	1.43908522	1.23974765	1.00E-04	1.00E-04	0.26822734	0.24958618
0.56281373	1.06205033	0.86608521	0.26046994	0.35559125	0.58855108	0.67158029
1.00E-04	0.01999657	0.02601151	0.10092195	0.53326169	0.44322514	0.49800657
1.00E-04	0.01856215	0.0299081	1.00E-04	0.11734702	0.12920304	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08751037	0.14440572	0.45121637	1.00E-04	1.00E-04	0.46011306	0.38470711
4.88734496	4.87577803	4.88736124	4.80239113	5.07972	5.1520956	5.20084214
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.8378259	4.71315907	4.78048222	4.69096183	4.82630582	4.71334329	4.67422377
1.00E-04	1.00E-04	0.0039757	0.31082147	0.19205228	0.5487101	0.27529696
1.40898846	1.90918142	1.81973564	0.26656627	0.82248737	0.7920204	0.73712843
0.21981011	0.26986728	0.35608881	0.19304367	0.16233693	1.00E-04	0.16887745
0.96881163	0.54613033	0.65367912	1.37673211	1.39206492	2.02385993	1.97339407
0.95294202	0.88734815	1.22497362	0.1462287	0.81102619	1.43583397	1.38099887
1.47557302	0.88463232	0.80925098	0.68580708	1.28259212	0.71825976	0.22542131
3.00947316	3.5026955	3.45664379	2.50794609	3.10798066	3.3739607	3.3180433
3.38543411	3.57494509	3.63253268	2.82282861	2.88815235	2.90584786	3.22015296
3.80756539	3.29873431	3.90040382	3.49511031	3.68604004	4.06359852	4.00927669
2.74405198	2.46957632	2.60135124	2.77663117	3.02058776	2.92819534	3.22445918
4.08101662	3.92924633	3.87551294	3.29225065	3.55543837	3.50055875	3.49897445
2.22827285	2.48384693	2.52060852	0.16502854	0.57402104	1.09871288	1.08565987
2.17772271	2.21186825	2.15198495	3.77136113	3.63036248	4.14018736	4.25437045

0.5586853	0.40298559	0.42856033	0.60703748	0.89987688	1.0572873	1.00019804
0.12665171	0.08628519	0.08315088	0.08639084	0.35247617	0.35902776	0.32761123
0.40353905	0.16475403	0.43635566	0.18802802	0.06020737	0.54497791	0.32348833
2.65772992	2.89902683	2.89055197	1.50229511	1.70578525	2.28784529	2.42611723
0.08688055	0.19279773	0.15781014	0.13626473	0.05181674	0.11402899	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.91397997	4.14630583	4.34721341	1.51821947	2.14682205	1.82688997	2.01222384
1.30855284	1.27745604	1.53575177	0.32480829	0.71697352	0.44401471	1.09435264
0.87356182	0.85154523	1.00080485	0.64254121	1.14815099	0.85196698	1.03085197
0.03374376	0.00823814	1.00E-04	0.23043759	0.16202105	1.00E-04	0.30708
1.00E-04	0.01439542	0.021618	1.00E-04	1.00E-04	0.10489857	0.10571048
2.61488679	2.8298392	2.88886597	1.32565051	1.44821756	1.59524517	1.96037762
4.52220285	3.9775741	4.11184468	4.64461188	5.11091533	5.04971713	5.00516554
2.47307144	1.20358437	1.43466776	0.23649019	0.71875011	0.41257595	0.73812046
0.03076993	0.18952167	0.07802878	0.15203124	0.09486419	0.1594427	1.00E-04
0.21914547	0.01249526	0.01510299	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37593912	0.21989628	0.31802842	0.51142708	0.0877417	0.4132125	0.69051717
0.08756396	0.0396532	0.12485335	0.33420414	0.37852863	0.38816301	1.00E-04
1.00E-04	0.0121305	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.39939326	3.31638981	3.37602555	2.64790918	2.66754036	2.72300725	2.6722779
0.18665645	0.14579127	0.12240732	0.72700119	1.28275829	1.54085656	1.19588073
0.33821947	0.1472614	0.17816726	0.43789289	0.36497732	0.39782233	0.19868703
4.89375289	5.33685487	5.27278559	2.34210522	3.1311828	3.74082084	3.60724594
1.68215922	1.70625485	1.91659108	1.30320546	1.99402887	2.61343095	2.51889494
3.2786887	3.31649284	3.43504734	2.34140372	2.78844396	2.84216299	2.91235949
1.071621	0.73400058	0.49286303	1.00E-04	0.27040814	0.52895995	0.36418586
2.11436879	2.2295034	2.31424357	0.94729601	1.71732074	1.89672074	2.00565734
0.99182118	0.73035671	0.8813816	0.53055214	0.88698299	0.93545669	0.96991417
1.57761163	1.15429269	1.48791432	0.32665931	0.748522	0.86997407	0.57140823
3.57903251	3.9972682	3.96772979	1.67113453	1.74119465	2.6917465	2.64475125
4.07739834	4.17086052	4.0579684	4.05447971	3.9858484	4.24078856	4.36200275
4.31331539	4.06677156	4.10969531	3.45857269	4.0278138	3.79957448	3.87371304
1.54130165	0.93127519	0.76901971	1.70602576	1.9759324	2.1591366	1.60911197
2.08705524	2.88444557	2.72417966	0.70389785	0.85966668	1.06411595	0.7941667
0.08158457	0.05006523	0.04843951	1.00E-04	1.00E-04	0.09338705	0.16034295
0.57219183	0.14765094	0.12003216	0.73523484	1.33313696	0.78289483	0.70789846
4.51062047	4.41006268	4.42714835	3.88481627	3.94397199	3.9615834	3.81876269
2.3604537	2.59934714	2.58450598	2.82502253	2.78053342	2.63361893	2.80972753
2.56505491	2.91455443	2.90048781	0.97413704	1.60058372	1.93317814	1.83490772
0.56670007	0.28964062	0.3655621	0.37113518	0.29334854	0.07213822	0.05814611
2.21338283	1.98693849	2.07733404	2.1939427	2.7795166	2.56608798	2.79824494
3.7929457	3.78145507	3.78415489	2.58419428	3.01321399	3.04951099	3.01446801
3.90863369	3.76794713	3.8283913	3.91891965	4.13236463	4.12790062	4.21856542

1.83551956	1.65449817	1.9920521	2.85117174	3.18725665	3.12607593	3.16301719
0.49891021	0.38285107	0.45133343	0.29901252	0.37107093	0.41994281	0.47437493
0.47840477	0.46651094	0.50209677	0.4965043	0.28062901	0.67166669	0.72211176
2.37832255	2.33427549	2.57426449	1.53161313	2.06074897	1.93343422	2.03377713
1.00E-04	1.00E-04	0.00517	1.00E-04	1.00E-04	1.00E-04	0.22020035
3.20665184	1.22768475	1.87075099	2.60097926	3.46996877	3.064624	3.10002905
6.9929747	7.44968105	7.07758552	5.10490755	5.77672989	6.21496503	5.87890952
6.77825686	7.17787716	6.89001159	4.88930375	5.42060525	5.85936532	5.66325403
5.30261922	5.85030294	5.68059732	3.90487314	4.1584991	4.62447892	4.60750017
1.49813661	1.00412278	1.30891823	0.26995325	0.84818308	0.80880736	0.7877851
0.3125685	0.2557496	0.31351896	0.60143327	0.58477999	0.72406629	0.83397451
1.5337012	1.39725936	1.48078293	1.73582067	2.17698465	2.23335042	2.39946247
3.52748719	3.67009353	3.70680544	3.18490598	3.46853514	3.82669008	3.79218515
5.02200789	5.38372175	4.62170535	2.0871426	2.87635365	3.43931491	2.4807497
0.3616155	0.39995924	0.27777265	1.40796374	1.09330603	1.12898406	1.69222261
4.39998814	4.49290664	4.43638631	3.83719545	4.17118112	4.27300118	4.34973738
1.80526397	1.98646894	1.63604752	1.6107689	2.01099344	1.94207519	1.98915368
5.2265682	5.66600072	5.32399138	4.45948917	4.54788691	4.78642848	4.69146833
1.11028915	1.09400102	1.33742638	0.24647216	0.24726061	0.43972133	0.2540867
6.08173077	6.72571324	6.56499754	4.42022417	4.80834571	5.47954	5.35684005
4.70189954	4.43324484	4.48282388	4.28009208	4.8175049	4.60757571	4.60043165
2.56014268	2.30800929	1.5805404	0.0670483	0.96628948	1.39667323	0.95450048
3.1002707	3.23378514	3.26260063	2.44274323	2.6279662	3.05504175	3.10223621
0.03596178	0.0418187	0.03139811	1.00E-04	0.36068841	0.1359588	1.00E-04
0.16971942	0.13270519	0.14796621	1.00E-04	1.00E-04	0.081287	0.19155952
0.06635145	0.01972113	0.05973449	1.00E-04	0.20231563	0.09251718	1.00E-04
1.00E-04	0.02261803	0.01446418	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.77288239	3.55015104	3.79501003	2.75383343	3.31968064	3.40589831	3.57840567
2.41836684	2.55409329	2.4835247	1.93672874	2.45000109	2.39528093	2.38968512
4.85217809	5.32653546	5.01481456	3.49878047	4.00405912	4.17352211	4.13242774
5.15018755	5.75876506	5.45550236	2.33532867	3.09621772	4.06664586	3.78695981
0.31698607	0.20621571	0.24731561	1.00E-04	0.52665066	0.26225235	0.55169891
5.35567437	5.62007504	5.12067362	4.44256889	4.76766306	4.9828983	4.60975937
3.0979353	3.15433528	3.24040225	1.63047403	2.00176979	2.2584591	2.51291477
3.5946537	3.38788713	3.45377064	2.81625482	3.17198893	3.18150777	3.36860105
0.01717129	0.0685037	0.04395112	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.64454994	1.61991625	1.64141785	1.00889078	1.74658528	1.81129366	1.77884679
0.09742391	0.10920046	0.08654749	1.00E-04	1.00E-04	0.26878778	0.38213239
1.61213575	0.83617298	0.9793837	1.28577857	1.16521349	1.66634852	1.72502267
0.03759457	0.0698826	0.09808664	0.17671174	1.00E-04	0.21573045	0.12320658
1.00E-04	0.03221498	0.0135039	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01616903	0.00970191	1.00E-04	1.00E-04	0.0100239	1.00E-04

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0.23671261	0.14204757	0.11916822	1.00E-04	0.086503	0.11928052	1.00E-04
0.28098499	0.10064697	0.13338352	1.00E-04	0.14631152	0.27090557	0.37739065
4.12537166	3.01025015	3.14591658	0.53646036	1.64161651	1.15197621	1.43496332
2.19467975	1.88990772	2.18159019	1.0990635	0.99978765	0.75722449	0.70591823
3.15039432	3.3239748	3.2530747	1.79431212	2.52795728	2.72026436	2.87146432
2.85051042	2.28149307	2.39816576	3.25427751	3.41568924	3.27442782	3.27063577
4.79270372	4.31841935	4.424676	5.0322104	5.25526937	5.10023401	5.1594897
1.0348082	0.4894943	0.90570517	0.90769857	1.45621583	0.97661731	0.73615955
1.80997628	1.92295349	1.91401023	2.22802208	2.2133538	2.28667274	2.29065996
0.69462569	0.56165934	0.58201968	0.99445591	0.54344932	1.04727077	1.30809716
5.01293348	4.47550261	4.62278628	5.54719088	5.75622409	5.60155574	5.66997269
4.00060991	4.50924797	4.44495513	1.7281142	2.34670427	2.72707994	2.7411497
0.21591935	0.46443936	0.50681036	1.00E-04	1.00E-04	0.31677669	0.28579295
2.12742557	2.6128305	2.51049656	0.11693859	0.16154086	0.86576614	0.78682488
0.59444555	0.92765247	0.90088805	0.07961356	0.42687799	0.73829597	0.84257317
1.00E-04	1.00E-04	0.02641088	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92354884	1.05089387	1.39427267	1.92778702	2.63415468	2.04045751	2.37937438
3.84355503	4.11347971	4.08974855	2.51496558	2.59627457	3.10261172	3.29213983
0.60759911	0.32837902	0.5281642	0.47671848	0.92355982	0.62570102	1.2337574
1.46676843	1.70209221	1.66580036	1.18013192	1.55521888	1.99237662	1.56862877
2.56808125	2.59085314	2.5298195	2.44255901	3.06289691	2.896708	2.96107695
4.24075072	4.79243374	4.6453081	2.06878978	2.34766513	3.27895555	3.43112375
3.13358605	3.62262291	3.52997728	2.5721305	2.54345165	2.87937049	2.95006872
1.00E-04	0.00607414	0.01008388	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.19884861	3.68967507	3.82147879	4.65414237	5.18516194	4.79550259	4.95000084
3.6784633	3.5614607	3.59453913	4.06232369	4.04816818	4.1732095	4.17401863
1.33329645	1.17402957	1.25563441	0.99256882	1.54065639	1.11018436	1.60936629
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.22831659	3.87747233	4.03231539	3.99285118	4.2987245	4.38149509	4.45659011
2.99390592	2.75747878	3.033503	0.52795614	1.19290474	1.16731713	2.01141172
1.84530374	1.49746375	1.66570359	0.95850011	1.13304399	1.77072748	1.51849537
3.48089556	3.39240386	2.18606372	0.94770041	1.31454398	1.58701454	1.65497311
2.92883798	2.93589487	2.77904961	3.50245252	3.71882726	3.68497164	3.95108018
3.18567953	3.76201683	3.71360181	2.4494699	2.72237254	3.28000782	3.46911646
2.31797366	2.224542	2.43742667	1.00E-04	0.82749328	0.53776015	0.95889066
0.36433791	0.18086361	0.07622095	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.04443001	3.5641383	3.69108582	4.50292239	4.78161003	4.5730327	4.61693409
2.81710601	2.47202425	2.66024359	3.72263121	4.23877067	4.03338823	3.96036877
2.50641658	2.27586375	2.52969746	3.22253535	3.41961819	3.34257953	3.54300339
2.30001747	2.53893003	2.57365569	1.56468318	2.01977911	2.12264787	2.51903455
0.59455086	0.51308208	0.93362842	4.92037207	5.12026378	5.16655117	5.35535343
2.70250011	2.6744489	2.93003933	1.61777695	1.69496859	1.6345996	1.82437211

2.00589467	1.13015096	1.38768095	0.05213468	1.00E-04	0.46651534	0.3001123
4.81020729	5.24511115	4.99118226	4.38258163	4.76904628	5.50222812	5.25247399
3.08067771	3.60744354	4.03985505	0.84317755	0.97912349	1.61133196	1.77869272
0.02805591	0.04296466	0.0552269	1.00E-04	0.19637159	1.00E-04	1.00E-04
4.15613519	3.59220819	3.69326015	4.1908167	4.44617709	4.43226401	4.45591535
4.40000704	4.26113265	4.51436765	2.88266771	3.16000638	3.52481824	3.62041164
3.26578639	3.71195788	3.79057516	2.89204196	3.06675846	3.66166388	3.75351952
2.83590927	2.7669822	2.82386828	2.72219862	3.26578585	3.17391193	3.09609663
3.04322091	3.4952409	3.39772006	1.67077757	2.10658033	2.58280314	2.7588538
3.35555196	3.75430494	3.62022981	0.88213029	1.60804183	2.43272272	2.15010202
2.74384658	2.75703517	2.89750167	2.61897544	2.76624822	3.21273351	3.19057103
2.49497975	2.37321345	2.52091786	2.20097851	2.80219441	2.99909203	3.02481995
5.31547631	4.85843353	4.24098195	1.06513942	2.1719492	2.22181957	1.53942214
2.77255834	2.95401475	2.2692046	0.87979783	0.64723303	1.17835786	0.47212656
4.57427606	4.54604121	4.65354648	3.31097217	3.90913013	3.94649263	4.03408972
2.05884238	1.96337746	2.05806374	1.62999803	2.15495298	2.0060277	2.10316476
4.78836678	5.4530297	5.07387942	3.54040417	3.61473118	4.19672585	4.17001359
3.7662584	3.85622082	2.59769938	0.74766119	0.80979635	1.35615709	0.85723981
3.86045651	4.18245389	4.16038691	2.08143097	2.59283398	3.05367415	3.46151701
3.16655768	3.65275967	3.47864799	2.07296269	2.41048179	2.81567131	2.74990414
3.32790988	3.67062006	3.7291781	0.34399256	0.63594651	1.60390518	1.69322581
3.27503305	3.08178407	3.14931156	3.24870523	3.40775144	3.47191628	3.62479774
2.73998429	2.31500923	2.37250706	4.1667317	4.11916972	3.97279275	4.08462076
6.02183451	5.13094432	5.35015577	5.26648533	5.76363396	5.53423182	5.72490714
6.8806088	5.2813902	4.59530701	1.11991579	4.00043214	3.21255852	3.14549562
4.66691257	5.33304353	5.09843751	2.30169989	3.23874875	4.26873769	4.28186232
6.38280897	6.6350925	6.66358703	3.02588189	3.66947945	4.36528046	3.88557159
4.24679064	3.65307353	3.87580149	2.56528495	3.36488609	3.49079178	3.44325737
5.10584769	3.56709342	3.85991549	1.82854731	3.36367264	2.49477139	2.85002327
4.40778869	2.57096091	2.99613951	0.8861175	2.5645268	0.82720976	1.38074261
7.8924411	6.00149637	6.29804515	2.90857512	5.40219487	4.2329282	4.71078258
4.57731089	3.3892207	3.46381303	3.44549646	4.23886457	3.39518076	3.39366131
5.40487324	2.83482013	3.41645792	1.40547205	3.66060528	1.85795397	2.04390353
5.58038391	3.91328054	3.83351653	2.03019406	3.6900368	2.47136572	2.74512376
5.45343543	3.48055426	3.83781436	1.74386889	3.79873657	2.48992285	2.69333679
3.38818823	1.92249911	2.1956769	1.43330936	2.32927574	2.03921796	2.17722567
3.35007277	2.67585389	2.45192284	1.64397229	1.5753364	1.18215419	1.39299463
4.03909053	4.20392062	4.26709219	3.65118119	3.86085061	4.09613653	4.30320858
4.82721268	4.63041448	4.40677626	4.08506546	4.13774025	4.05283566	4.42746756
0.36152237	0.16670823	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00622117	0.02479802	1.00E-04	0.13300473	0.09979525	0.15657388
0.08804758	0.09247081	0.05387764	2.7014779	2.76528278	2.56885144	2.18190666
4.91547677	4.92341906	4.95234995	3.45508224	4.00987634	4.09780593	4.00912265

5.19970449	5.0642128	4.79293066	2.68336704	3.1539491	2.94966106	2.89838877
1.00E-04	0.01679738	0.04436667	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01688277	0.03118799	1.00E-04	0.11349483	0.60121354	0.82074432
4.67387071	4.3304755	4.53541276	2.4560283	2.40345209	2.35821861	2.62758881
4.41900441	4.12564759	3.77375121	3.54442394	3.93377579	3.90281111	3.88395318
2.35979607	2.63377193	2.77418105	0.969067	1.85119231	2.18127082	1.75417787
1.847085	1.53111939	1.74952631	2.28820642	2.68059421	2.49322598	2.58676613
1.96789557	1.89176211	2.05404307	2.40559551	2.7350505	2.54115017	2.50106382
2.98838115	3.24892754	3.28542724	1.98289887	2.01054223	2.63302321	2.68982178
1.74491389	1.74460019	1.86199772	0.46421179	1.65664242	1.62732125	1.5596854
2.05835458	2.69771043	2.60390418	0.62882915	1.54221923	2.01246945	1.51962285
2.08045847	2.00882883	2.03641621	2.40912955	2.78959777	2.61428427	2.5649753
2.24883118	2.43481718	2.45158065	1.03625013	1.78017283	2.1642394	1.97173484
2.74546331	2.73188099	2.78268279	3.33445967	3.57411318	3.60927862	3.71577977
3.26329545	3.20356778	3.22082443	2.3286811	2.60603776	2.48871671	2.52386194
2.87664875	2.64289844	2.73503457	2.54664579	3.29734565	3.22159026	3.18405765
2.55277195	2.08202442	2.35148177	3.91972746	4.22226426	4.26242157	4.25947799
2.31281957	1.92242197	1.97019241	1.37380387	2.05795503	1.52865269	1.63448965
4.05767102	3.56673117	3.72877222	4.40534937	4.63878974	4.56886334	4.590671
3.90190967	4.49347449	4.42554828	3.07909349	3.3040454	3.78401429	3.7091117
0.16098317	0.07935738	0.05935037	0.40896819	1.00E-04	0.19100855	0.05598888
0.15196983	0.09061409	0.16165129	0.23560014	1.00E-04	1.00E-04	0.20881812
3.40847252	1.95737713	2.37391622	2.50863797	2.67399052	1.77639512	1.85730358
3.12831237	3.08570557	3.11012949	2.25995882	2.31251364	1.7813691	2.54190754
1.00E-04	0.02269698	0.02627273	1.00E-04	1.00E-04	0.1089213	1.00E-04
0.1883088	0.06224678	0.06988501	0.48951778	0.14176091	0.11261538	0.08220058
3.15003308	2.83646224	3.41371802	1.81772884	2.00712414	1.38052036	1.55697219
2.29713426	2.1386868	2.2795756	1.20193999	1.35711541	1.39172215	1.43443354
5.09874144	4.75029742	4.84806395	4.6838135	4.82278026	4.96109055	4.89422648
0.01638735	0.01062856	0.07519125	1.00E-04	0.13810562	0.16882831	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04614921	0.16162397	0.1805131	0.77975319	0.6146369	1.24640791	1.36512052
0.25351098	0.04451022	0.08498119	1.00E-04	0.36358821	0.11755916	0.49463747
3.21513631	3.17820712	3.18726296	0.91611751	1.12216887	1.27588258	1.29371967
1.46552693	0.83953198	1.14110997	0.34007222	2.04033547	1.86945973	1.59496284
0.57925013	0.96576364	1.26489104	1.00E-04	0.32882812	0.13961266	1.00E-04
1.90661883	1.95586364	2.0436119	1.13461751	0.43477327	1.27972109	1.12471215
0.05278671	0.00752584	0.0641923	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06735781	0.03352756	0.03239341	1.00E-04	0.36562998	0.03723536	0.08062371
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10781442	0.01679646	0.08240515	0.40123881	1.39349154	0.85848346	1.35039819
3.13849102	3.14351642	3.5722851	2.70492229	2.95376129	3.24409695	3.41120745
1.00E-04	1.00E-04	0.00830037	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.26926363	3.15431977	3.1836015	2.88950426	3.06573373	3.13052223	3.16102381
1.12987666	0.84083019	0.73449474	0.1462287	0.40945647	0.51122655	0.81157156
0.05737884	0.07862596	0.01586142	0.14128856	0.41959927	0.51485693	0.16687819
1.00E-04	0.00352976	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12895224	0.06523874	0.1066408	0.17397897	0.86897906	0.56907966	0.09223007
0.1641133	0.07671338	0.04588957	1.00E-04	0.38303181	0.09185556	1.00E-04
0.04663122	0.04348146	0.11459254	0.21111584	0.20854107	0.02902523	1.00E-04
2.5354914	2.38908854	2.70285695	0.36432665	0.09409409	0.81773166	0.4371967
0.28105795	0.25123886	0.33147562	1.00E-04	1.00E-04	1.00E-04	0.26521224
0.24071244	0.25276378	0.54342232	0.31363426	0.19257091	0.17921646	0.55080719
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.31957495	5.63040789	5.76270864	2.55448373	2.99159992	3.59679236	3.388462
3.08318015	3.73071496	3.78073811	1.34938172	1.26526068	1.81552057	1.81580435
0.4655744	0.26866631	0.25098088	0.12466307	0.36750256	0.30698242	0.14397776
1.00E-04	0.00539044	0.03372604	0.81302457	1.2189341	0.77400159	0.66175269
0.08860262	0.0109454	0.06676979	0.16687336	0.19252909	0.13015437	0.14304329
4.48073725	4.68044793	4.56772625	3.69556066	3.94201372	4.05077494	4.19841112
4.46030433	4.77659457	4.7768374	2.69717481	2.81608126	3.23066856	3.28820252
3.93593815	3.68746889	3.94980573	4.15998517	4.50145461	4.45765194	4.58534187
2.6629221	2.52907739	2.6202747	2.89306917	2.66238574	3.13429625	3.27513728
3.81378525	3.42277862	3.47556141	3.80522975	4.12313748	4.00851228	4.0933479
5.24491984	5.04784083	5.1824929	6.82189922	7.0150569	7.02551258	6.98803497
4.77747948	4.03625098	4.1980066	4.91762743	5.29245841	5.11339261	5.15703716
1.12633464	0.62556055	0.90891496	4.95356401	4.82241568	5.16645201	5.44285101
1.69464474	1.7321672	2.06752224	2.07667399	2.67785149	2.35321529	2.57671416
2.51126577	2.15055091	2.39041865	3.19973906	3.45762703	3.5258796	3.49020976
1.73149664	0.67771835	0.56498733	1.00E-04	0.58847297	0.16038	0.49661311
4.05963307	3.93786503	4.17014541	3.47454857	3.59646084	3.7352258	3.91127105
5.4443338	5.56188953	5.34625716	4.66998591	4.95256793	4.99721317	5.1223675
1.2121517	1.36811254	1.27696039	1.00E-04	1.00E-04	0.3752952	0.25760964
1.85669431	1.88237902	1.8888885	2.6845546	2.8700728	2.61362732	2.89304047
0.51936323	0.30367999	0.29710654	1.00E-04	1.00E-04	0.09291385	1.00E-04
0.98466528	0.70225386	0.87890503	3.14102594	3.75697086	3.67728688	3.5359641
2.72673196	2.10528242	2.28600903	4.76493023	5.58858302	5.33371234	4.56489199
0.16087389	0.09900393	0.12981186	0.26970696	1.00E-04	0.06494709	1.00E-04
4.67462138	4.82126469	5.04080007	2.03500062	2.26165208	3.0582787	2.85877151
0.94557505	0.64600303	0.64578336	1.00E-04	1.00E-04	0.25447687	0.37401187
4.28532777	3.44400573	3.62988333	3.87919384	3.99168445	3.99153297	4.23594348
3.99606158	3.1925058	3.33489706	2.96874317	3.26672303	3.24890239	3.19739074
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14141848
1.00E-04	0.01482471	0.01256652	1.00E-04	0.22983253	0.13805242	0.10718744
3.45333452	3.37754809	3.95260767	1.88649447	2.25832458	2.59385273	2.59150929

0.4839696	0.35515001	0.38280597	0.53971038	0.84091842	0.27930699	0.42664625
2.86304727	2.84331706	3.09562706	2.42140071	2.61392879	2.39543221	2.72271329
0.15248728	0.12497194	0.19779892	1.00E-04	0.46913742	0.34748405	0.33025122
2.14338343	1.35956036	1.62190356	0.26689398	1.00207644	0.91510985	0.75831576
0.2030605	0.19431807	0.11373205	0.82061466	0.9981229	0.84635252	1.19698849
0.40138196	0.36812868	0.46920391	1.6703576	1.99354983	1.68966533	1.84956553
0.16645863	0.04914585	0.08153944	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.41190378	3.87087693	3.78838813	2.73639692	2.38759019	2.81525097	3.03924826
1.66921965	2.24004875	2.1816861	1.40544294	1.53228937	1.80493385	1.87123002
1.02876378	0.56936897	0.7172847	3.6470599	4.14173619	4.04175528	3.91793358
0.48893542	0.25933162	0.27517811	3.54051593	4.03638736	3.55940085	2.94659479
0.23789631	0.06524105	0.11562924	0.23541776	0.30516302	0.36567958	0.48581316
2.90587219	2.88260198	1.68612284	0.88571585	1.32496019	1.59939192	0.58939027
5.27568843	5.66237484	3.93223471	0.58740762	1.37580752	2.43687899	0.89460078
2.1305657	1.78859863	2.2809754	3.7167652	3.62847349	2.58563961	2.61444311
0.76734436	0.77814955	1.49152012	0.88459313	0.66942879	0.91708641	0.60524257
5.43914501	4.49785146	4.38905175	3.46449952	3.34477856	3.53335848	3.50047852
0.88987288	0.84634216	0.85523981	1.58125868	1.48175528	1.0386057	1.20023422
0.85029941	0.34723011	0.39183571	1.23812088	0.60233662	0.7950673	0.95460559
0.32442362	0.02722522	0.08855565	1.52073385	1.61984846	0.8856658	1.82573427
0.63779084	0.25148147	0.43767147	1.04114984	0.41643879	0.34058173	0.71994792
3.79220815	3.65577629	3.75778338	1.30059643	1.64198104	1.6152089	1.62884264
1.00E-04	1.00E-04	0.0334989	1.00E-04	1.00E-04	0.31701772	0.35590325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.29397543	1.44327293	1.48506995	0.17861099	0.38790331	0.58417833	1.04482931
1.94181766	1.15613774	1.09113112	2.08398894	2.41871252	1.93967381	1.98720577
1.00E-04	1.00E-04	0.00683308	0.31484691	0.2314902	0.39458186	0.82177476
1.76760373	1.89393457	1.87355177	4.21233747	4.69402374	4.32340507	4.3753685
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22747551	0.56210398	0.58918161	1.00E-04	1.00E-04	1.00E-04	0.13709329
0.23104542	0.17558611	0.13593371	0.18294609	0.3966139	0.31831354	0.09516424
1.35651062	1.81203611	0.90907088	0.47110933	0.94377333	0.91613089	0.78647132
0.92388412	0.48538492	0.43989265	4.42095914	5.18294262	4.95287701	4.42356389
1.00E-04	0.06902519	0.0668855	1.00E-04	0.12923464	0.1438967	0.07415493
1.00E-04	0.04885907	0.05729059	0.50733809	1.21952226	1.12218624	1.45350011
0.93360096	0.56845293	0.62853326	0.10688636	1.00E-04	0.25214088	1.00E-04
2.76683788	3.30832906	3.12994401	2.67714959	2.9218934	3.21213165	3.29546807
3.12010767	2.44791437	2.16479145	2.88988302	3.53232014	2.72797644	2.89876826
0.24987284	0.11097164	0.13284626	3.63852989	3.59966185	3.2338856	3.29743583
3.07490094	3.41197268	3.13956412	3.2180665	3.18843984	3.76571091	3.97580242
0.14050982	0.13408721	0.10262527	1.00E-04	0.08991214	0.23227718	0.18130438
0.39112406	0.11600711	0.30930332	1.00E-04	0.12180454	0.24174481	0.39985389
1.16194353	0.873943	0.99137523	0.16694953	0.8220191	1.26487195	1.0059

0.94611791	0.66066989	0.51384393	1.09652905	1.63060463	1.30970977	1.10929707
0.69053621	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6649038	0.07591785	0.06295455	1.00E-04	1.00E-04	0.22250538	1.00E-04
1.9103741	1.82397331	1.83557304	1.02248612	0.59246456	0.48700838	0.78048974
2.25533394	1.89094847	2.05191169	0.8047454	1.4696383	0.75390459	1.0815841
0.05388722	0.02208214	0.05378538	1.00E-04	0.38781493	0.4660433	0.74483164
2.76449396	2.69812103	2.99692672	1.11886304	1.8687594	2.10103458	2.26690596
4.12518472	3.78145151	3.78632019	5.17026012	5.52687305	4.88914576	5.06702748
0.36108608	0.77481363	0.69396816	1.00E-04	0.38876998	0.15529788	0.14754002
0.17088314	0.03019202	0.02319462	0.26646586	0.20984968	0.07936582	0.21720954
1.42517763	0.88694849	0.02834665	1.00E-04	1.00E-04	0.1276528	1.00E-04
4.2753135	3.77092528	4.14274672	2.92398385	2.84075932	2.5557577	3.31043459
4.5136113	4.43086061	4.38906136	3.68052516	4.0538481	4.03734138	4.30483015
3.5117636	2.55242326	2.93378442	3.59375402	3.58529382	3.4494942	4.05960895
4.85198498	4.87276723	4.48430675	5.32631572	5.52530995	5.42271507	5.61554155
1.00E-04	1.00E-04	0.03467508	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0248847	0.01153327	0.02158288	0.57948488	0.38322471	0.44816696	0.43052983
0.63827927	0.49747378	0.21063595	0.4919675	0.39142897	0.42966332	0.69605794
0.02349537	0.03313237	0.01949	1.00E-04	1.00E-04	0.15185361	1.00E-04
2.98647841	3.36354862	3.32469803	2.50011661	3.06518835	3.19909112	3.30700491
4.07168342	3.90308931	3.9822508	4.321608	4.51987589	4.31497279	4.37930277
3.92974401	4.03908521	4.13884236	3.1576911	3.65427198	3.90634047	4.01695196
3.86485885	3.63915981	3.81942988	4.65053025	4.97308483	4.93192435	4.98573263
4.58664281	3.93172239	4.09300087	4.53035902	4.78057118	4.64809194	4.69164798
3.05072691	3.19580613	3.23220837	1.53495553	1.88389289	2.30046582	2.16418304
3.14583088	3.24304461	3.1877831	3.71655384	4.28012736	4.27885905	4.17530245
5.50155191	4.88779389	5.03808556	5.99018425	6.09063703	6.02755151	6.18532136
3.90057451	3.81666494	3.91930211	3.84232588	4.03699245	4.10142092	4.24441945
3.44220135	4.01216942	3.99174161	1.07596619	1.6673188	2.73691891	2.65731925
3.07305262	3.25043202	3.22773196	1.6796748	2.50159851	2.62420369	3.01689424
2.798171	2.4426708	2.70046182	2.97565602	3.45785236	3.29548642	3.5975706
2.12565671	2.52771692	2.55699808	1.88816987	2.36462859	1.9781881	2.33102192
2.52060206	2.64134995	2.73234077	1.45987406	1.56215499	2.08835948	2.18294904
4.15062619	4.07079041	4.07860586	3.30402726	3.60024027	3.54980672	3.59302564
2.59762954	2.63823361	2.70066904	2.68644331	3.1988321	3.02768764	3.34114917
2.99537935	3.6945471	3.68959222	2.12272031	2.51209913	2.59372663	2.85587317
0.09027326	0.0316762	0.12551058	1.00E-04	0.27032489	0.46506095	0.40231201
1.36465994	0.81872962	0.9854317	3.29566043	3.3065315	3.11373257	2.92568707
1.00E-04	0.04908592	0.03212438	0.35120286	0.26744829	0.42650518	0.59111234
2.09987668	2.22154871	2.28306465	0.29303485	1.00E-04	0.91081133	1.02601809
0.10941516	0.02295494	0.13669747	1.47440675	0.82217527	1.25041273	1.23494308
0.3427196	0.24739958	0.31925471	0.30586777	0.49498592	0.19629554	0.43161607
1.78601992	1.71356179	1.87444969	1.94503051	2.23460014	1.9200615	2.24332951

2.43758235	2.1220829	2.15259133	2.20235465	1.56301748	1.11452471	1.46125834
1.83301705	2.10262409	1.94399293	1.67965977	1.83012696	2.25306925	2.28536682
3.36616261	3.71591062	3.61614969	2.40908526	2.39967438	2.83326235	2.74320825
2.90057367	2.85545031	2.92772345	3.14537516	3.38631456	3.42091484	3.53565835
2.7044729	2.76959662	2.92132587	2.47764867	2.97062731	3.15499093	3.16782546
2.4238565	2.14143193	2.39279339	3.56188566	3.50877879	3.48393944	3.48756765
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.00575717	3.5613656	3.13355701	1.32272236	1.89061456	2.02518988	2.01044914
0.62187289	0.32836954	0.19456984	0.1960635	0.67677999	0.35566473	0.70615248
0.09465983	0.12120186	0.10365169	0.32932096	0.07775348	0.51389716	0.39430877
1.00E-04	0.02417734	0.03046748	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.01490012	3.29686435	3.33972318	2.44724517	2.53229583	3.02026341	3.27024288
1.7403909	2.29946029	2.11242602	1.29151524	1.27152918	1.96741431	2.34819102
1.11841384	0.86292297	1.00141781	1.47796618	2.25228646	2.50972639	2.7206664
4.74904553	4.10113854	4.26301618	4.79737468	5.1581226	5.0220388	4.94155348
2.53458336	2.65557275	2.58307159	1.77556762	1.85429104	2.18662577	2.20804923
3.66275122	4.10788418	4.02351464	2.82430531	2.9909037	3.26677493	3.28385384
4.28177184	3.64272832	3.68580815	4.76551445	5.10220931	4.94947583	4.95356217
2.82357372	2.99842798	2.94471595	2.61305654	2.96490998	3.30931248	3.4031732
1.27601807	1.12194168	1.22604683	2.4065862	2.62761772	2.58454145	2.7142909
5.47435625	4.7890113	4.95762625	6.21920505	6.3345929	6.30666444	6.24412729
2.24321925	1.5081527	2.03500391	6.24416919	6.55007411	6.23221958	6.76296472
4.09702285	3.48509564	3.56508763	4.95687529	4.62503035	4.57211038	4.7563267
3.66872419	3.16486087	3.4557738	3.709265	3.77024252	3.51318133	3.72150535
5.42875629	4.9620944	5.30731884	6.13562506	6.29563067	6.32530452	6.17410701
1.50657109	1.16610891	1.25998583	1.62900301	2.04456592	1.71800869	1.63190492
4.33976145	4.05612042	4.32350197	3.7244935	4.04474476	3.94569613	4.12792026
1.00E-04	0.06779767	0.07540464	1.00E-04	0.23410407	0.03293692	0.17430753
3.35373415	2.97295211	3.09350831	3.17464078	3.54280255	3.42113374	3.45178512
2.84836398	2.58934267	2.87882156	2.18099021	2.84828537	2.74623301	2.66877091
0.14096068	0.0115208	1.00E-04	0.61191862	1.00E-04	1.00E-04	1.00E-04
3.58224453	3.16101913	3.70386068	3.43621983	3.25127598	3.68342614	3.65619957
2.81047716	2.79860279	2.98446263	2.72853891	2.88597612	2.9717185	2.9226355
1.00E-04	0.00650685	0.01193693	0.45720534	0.49325494	0.30598267	0.66512372
0.58615596	0.16009479	0.19538711	0.16543912	0.11134316	0.30930476	0.48950758
1.00E-04	0.00569565	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.50721986	4.22937119	4.19778315	2.26500722	1.91162705	1.9943391	2.31604255
1.00E-04	0.02775986	0.01031884	1.00E-04	0.1615978	0.11552968	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68464933	0.68019468	0.80235455	0.19202927	1.00E-04	1.00E-04	0.00986315
3.07954651	2.91456199	3.10018262	3.0677764	3.7521709	4.36247244	4.40226833
2.81732517	2.6553848	2.79121122	3.02365697	3.10762883	2.80598957	2.98404974
2.98942872	3.06907069	3.19840312	3.32780098	3.51249032	3.54394602	3.72688721

2.56713932	2.62080521	2.61607304	2.48104065	2.80783477	2.98928924	3.10412507
2.10090339	2.07724569	2.21658151	1.9593906	2.39014097	2.68756483	2.43098534
2.63023626	2.54897716	2.68500704	3.05963826	3.22069838	3.27224479	3.43907241
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3.12477196	2.87839462	2.90733536	3.20207874	3.59260276	3.41367558	3.41170581
3.62287929	3.24760491	3.31574368	4.14430076	4.42471564	4.35991734	4.38046249
1.96397927	2.17647095	2.30083309	0.57909084	1.09628466	1.52518562	1.39560108
4.86636561	4.49313643	4.46317353	5.34915962	5.62553998	5.55852801	5.45816723
3.2038841	2.88928168	2.94018456	4.29028118	4.4647581	4.55862456	4.5072561
3.96788981	3.36898334	3.49612348	4.05326238	4.33133436	4.31291503	4.37293236
3.4171462	3.23571604	3.36532035	4.30110777	4.47942765	4.54023958	4.57173094
3.36862349	2.99245956	3.20959239	3.68582524	3.94618261	3.99079283	4.12182068
2.58087194	2.52615301	2.75267402	0.96387139	1.06660329	1.05626966	1.229778
4.57256086	3.8455304	3.95560375	4.10090904	4.36209822	4.53505672	4.4483024
4.35266202	3.86938974	4.09624075	4.92476287	5.35429143	5.22528543	5.27560934
2.54833879	2.67864532	2.88252082	3.03745117	3.42633685	3.5622025	3.71913764
0.08952992	0.01099165	0.02055685	1.00E-04	1.00E-04	0.07726875	0.1638754
3.98815717	3.98286485	4.39681721	4.38317285	4.42183053	4.47470436	4.70701855
4.76636587	4.33998494	4.34808952	3.51168702	3.52704836	3.66844817	3.73570539
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2.20209032	2.19689561	2.23344984	1.2092344	1.3799134	1.65088758	1.76032572
1.96474818	1.90551872	1.98307709	0.56770952	1.57086798	1.39611481	1.05541979
3.56693165	3.75469619	3.82111442	3.53776905	3.6903014	3.71203232	3.7162742
4.22446795	3.8623504	4.0472537	4.13645245	4.425461	4.3306919	4.29428979
4.19438287	3.99649746	4.20593866	3.88472144	4.05417769	4.13030888	4.23252114
4.30542382	3.87622613	4.03899502	4.48851363	4.78227691	4.72866204	4.77813907
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2.67848013	2.18708151	2.39121935	2.66851891	3.3894091	3.27463384	3.360195
0.94653362	0.51804685	0.56950713	0.3083965	1.12710648	1.12323349	1.29067653
0.37227811	0.38915925	0.25772483	0.35095432	0.51371685	1.04520766	1.02664866
3.67714309	3.40791423	3.54519049	3.43105395	3.75886297	3.69865672	3.52658108
0.63100292	0.63862762	0.78294323	0.97891562	1.09163444	1.00037765	0.80418897
0.64744991	0.51844274	0.68401458	0.34560428	0.44652967	1.00348965	0.78563563
2.4519576	2.22523183	2.38526497	2.70051853	3.10959039	3.03498636	3.00445472
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0.67430156	0.34778739	0.43807804	1.48795126	1.39075919	0.99809222	1.01940885
2.27533007	2.16638085	2.34347106	1.13754292	1.87309458	1.48308223	1.42446494
0.19122408	0.09252087	0.04625365	1.00E-04	0.40238	0.1090491	0.45801598
2.88164317	2.54951231	2.3934187	3.373704	3.52491942	3.36251797	3.20619106
5.26897426	5.24389345	5.34554398	4.40407163	4.54958891	4.72764106	4.81469859
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5.16060826	4.85557416	4.83833025	4.30914509	4.46219387	4.45006049	4.61102816
3.9409253	3.43582686	3.62150399	0.76405123	1.61414053	1.49399829	1.18114583
0.05047827	0.06124245	0.04496405	1.00E-04	0.16435081	0.25940077	0.23892062
0.99932798	0.78511398	0.84139048	1.04364334	1.23345748	1.16074593	1.19241725
2.6533321	2.39122461	2.47864228	2.47780449	2.62541861	2.62849454	2.65748848
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1.67778221	1.73799788	1.78909369	1.20366003	0.87574814	1.25642323	1.13442278
4.0653084	4.24527445	4.3152991	3.10881915	3.4119763	3.81845089	3.89167469
3.23725542	3.60625844	3.5386535	1.19137379	1.81208639	2.18215198	2.28814801
3.98731266	4.38056466	4.37553907	3.15446914	3.30218512	3.84592304	3.91565795
1.76780773	1.34709727	2.05162106	2.51093076	3.30136311	2.72552073	2.87046604
3.75142435	3.4967955	3.60865441	0.84756753	1.37835753	1.87375567	1.57842178
1.21698742	1.33667557	1.34196935	0.83006704	1.36357201	1.55814787	1.43024807
3.9365076	2.27698024	2.74259296	1.2505946	2.33743689	1.99044391	1.81471822
4.54639399	4.53486957	4.50594131	1.92050601	2.16209002	2.73758845	2.68844756
4.21357546	3.88598488	4.07635748	2.62140076	3.99292169	3.15465728	3.49471853
0.02413341	0.05506593	0.05469753	1.00E-04	0.1186133	1.00E-04	0.09842845
0.08507997	0.11963567	0.07337076	1.00E-04	0.24052466	0.66332282	0.41060138
0.66586997	0.8324005	0.7706449	1.25828657	0.14864678	0.4709678	0.94930103
0.22570771	0.26173565	0.24970753	1.08050415	1.42706219	1.02722204	1.01133489
4.32663852	4.44430789	4.24446763	3.1842054	2.88241193	2.77442243	2.98905921
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01792537	0.08662779	0.01411043	1.00E-04	0.36113998	0.12306973	0.37846119
1.00E-04	0.1365869	0.12425379	1.00E-04	0.2004197	0.38291193	0.61389697
0.03667965	0.04029333	0.13528828	0.30754892	0.21557442	0.43901955	0.06628904
4.00018647	4.13327843	4.12509833	2.76412806	3.11842842	3.45698728	3.38430561
3.01499795	3.40498896	3.40957851	0.31317162	1.53379057	2.36661852	1.97739578
3.63304358	3.86320467	3.78355199	2.167477	2.49077324	3.07274867	3.07968579
6.09384658	3.59913098	4.16622192	1.52851761	3.98831162	2.72228145	2.92774796
4.76405214	3.33860574	3.68038121	3.83842345	4.23958065	4.1766473	4.32038259
2.45821699	2.471872	2.4634944	2.25562391	2.24350442	2.30448869	2.44608298
0.036885	0.03093144	0.00337675	1.00E-04	0.09626966	0.16835672	0.12105057
0.21983703	0.16493391	0.25667556	0.49624529	0.29847324	0.17798139	0.83458473
0.79348963	0.54946509	0.61214635	0.12071698	1.63389948	1.58725397	1.84868247
1.00E-04	0.02822857	0.04940179	1.00E-04	1.00E-04	0.11643526	0.10968619

1.42726157	1.49140353	1.41070983	1.73584473	2.00056498	1.69214193	1.71462427
4.52074083	4.15470698	4.36440287	4.17182866	4.35490306	4.44563663	4.5958422
3.67730354	3.59788816	3.73045506	4.18957637	4.39362809	4.62549009	4.46318604
1.70885561	1.73632454	1.85876812	1.20017797	1.87720288	1.77572167	1.8847092
6.08475895	5.47620717	5.58770001	6.08515177	6.22280021	6.32701551	6.35758146
5.19328474	4.65122588	4.72850851	5.16827894	5.55011455	5.46258997	5.41838863
3.64761067	3.47199449	3.61320814	3.69905526	4.20378042	4.43552871	4.4813216
1.90206563	1.79386082	2.00864701	4.43883989	4.74978918	4.76003013	4.75959172
0.8009387	0.32144644	0.48623104	1.33660662	1.56552793	1.28117432	1.53462889
0.10953822	0.10111842	0.18417426	1.00E-04	1.00E-04	0.0751626	1.00E-04
1.43892426	0.84836482	1.1992565	3.78884377	4.15668613	4.31905149	4.18099252
1.6088698	1.19653938	1.14727531	2.29416355	2.76110773	2.37783171	2.25636026
0.44505255	0.23852498	0.08980053	0.75940728	1.01487451	0.91425747	0.79944225
4.97461771	4.72613871	4.67063045	6.25534654	6.25791223	6.26644016	6.53455607
3.9605971	3.58137475	3.77944542	3.57458698	3.68018887	3.61459955	3.58929628
5.58393872	5.6072085	5.48865105	5.04873336	5.17267957	5.21682662	5.21314092
0.36964984	0.09143526	0.12104944	1.00E-04	0.12048015	1.00E-04	1.00E-04
0.19223506	0.1839717	0.20062862	0.17739767	0.55293216	0.2287398	1.00E-04
4.0217211	2.92149044	3.55611453	1.52080207	1.45904866	1.2434972	1.10400913
3.00710135	3.00659964	2.91772845	1.39784262	1.73946814	1.97991741	2.18367141
2.38432408	2.43252616	2.56748568	4.78222108	4.43898648	4.63146279	4.69902707
4.38029922	4.08983769	4.06544821	5.28925527	5.447504	5.4396765	5.65140119
5.1803981	4.97986609	5.13938619	2.23986198	2.72115513	3.00656013	3.16124173
5.9524151	5.51723528	5.14835252	3.79135621	4.08677124	3.9526498	3.9313867
5.36343388	5.40255536	5.30263043	2.81965015	2.79488232	3.35605398	3.13406655
5.23092026	5.41124687	5.30453365	5.69950444	5.60746905	5.70157046	5.93865827
3.32845094	3.7188447	3.7096052	2.55996285	2.965834	3.36188918	3.25816394
0.47344354	0.32364255	0.41652527	0.80842835	1.12735467	0.99075955	0.85892651
4.83378123	5.40228291	5.24415039	4.01074813	4.09552318	4.50685309	4.72772097
1.00E-04	0.02737798	0.04572098	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.959891	2.1244224	2.21940795	2.23461071	2.38743178	2.55927324	2.85773194
0.74839905	0.57303037	0.72416119	0.89048928	1.15884163	1.21262118	1.22295179
2.18359132	1.72088689	2.36813201	0.34811693	0.40695957	0.57466303	0.53432505
1.08090003	0.52922632	0.54410113	2.37556045	1.64935814	1.1954137	1.31923522
1.76151815	1.58138332	2.18787596	2.56155417	2.85508583	3.01266054	3.21282544
3.54752284	2.36553493	2.60753834	1.4988147	1.47598359	1.18802612	1.71380603
0.12427268	0.17083597	0.10935539	0.79266185	0.51393994	0.52291839	1.00E-04
0.07702211	0.02012681	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29602895	0.18842892	0.27169831	0.37009125	1.0759488	0.55766209	0.82584509
0.07473638	0.01288219	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64905753	0.91110615	0.85407797	1.03178102	1.02949994	0.57874505	0.39858877
0.25550654	0.16442611	0.14476071	1.17639635	0.45073069	0.62394661	0.0762365
0.08201335	0.05000616	0.08308987	1.00E-04	1.00E-04	0.03043629	0.17177061

1.76854192	1.46315609	1.70789337	6.40695816	6.72665887	6.77099768	6.64818888
1.00E-04	0.05123407	0.06745496	1.00E-04	0.18853698	0.14540298	0.27868985
0.46737649	0.55125277	0.83033224	1.99830042	2.46787465	2.93011718	3.60452068
7.18009798	6.98666756	6.89533412	4.70506079	5.1449485	5.56729627	5.54473236
1.04887243	1.85623084	2.20845278	1.02408658	1.19461841	2.23968994	2.36151482
3.72309661	4.11011136	4.16054522	2.6627299	3.03376865	3.33949475	3.32109375
5.7687419	5.42957641	5.43767443	4.58589915	4.76991384	4.58238059	4.5303482
0.29173527	0.07108917	0.10948343	1.00E-04	0.24092266	0.06763661	0.25367055
3.42350199	3.04606314	3.34283991	5.36278963	5.63154768	5.42805665	5.49859207
1.76793852	1.49961695	1.67114823	2.09862126	2.1921905	2.14868018	2.24652894
5.33819269	5.02849483	4.98562033	4.99968609	5.29827557	5.08324439	5.05923897
5.91228687	5.54800818	5.59852308	5.73666686	5.99244187	5.96653066	5.91342716
1.37775534	0.69766773	0.76818314	4.2661716	4.27577022	4.19940348	4.13588749
1.00E-04	0.03222965	0.02308221	1.00E-04	0.03184936	1.00E-04	0.08615248
3.88110589	3.79297116	3.84577712	3.02863989	3.05331396	3.14664055	3.18068546
0.41787481	0.31980294	0.4873723	0.93889532	0.30742057	0.42051107	0.88507694
0.37717465	0.3725226	0.56662067	1.54063818	2.2740507	2.19539012	2.58016375
1.57636883	1.45771229	1.57224008	0.42258308	0.64799313	0.66116074	0.30935752
5.13884724	4.5038252	4.40157672	2.86204629	3.10435836	2.85043382	2.86907684
5.63252358	5.02909144	5.15329838	5.91851883	6.12879502	6.09570725	6.08311804
2.2396967	1.94624599	2.31601094	2.82275474	3.28353896	2.90570772	3.13121396
4.05779209	3.71580092	3.79852119	5.05378859	5.24489557	5.10614714	5.33352516
3.97825748	3.8050677	3.92278469	4.24951475	4.53880249	4.47447622	4.56077091
0.08551155	0.07624423	0.08051876	1.00E-04	0.1688003	0.25261453	0.10281555
0.05541642	0.0176591	0.00890519	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29091927	0.15107697	0.11306438	1.00E-04	1.00E-04	0.03576154	0.2358299
0.35694332	0.24111757	0.29834989	1.00E-04	0.24022053	0.26511802	0.25414146
2.87502138	2.56859061	2.67224797	4.1709158	4.38424512	4.40728513	4.43791699
3.0254616	2.66432546	2.67392758	4.05457508	4.19929195	4.00802972	4.17489725
2.73337263	2.03994031	2.07906151	0.8399792	1.282741	1.0486108	1.65446635
3.3845342	2.93549675	3.10740865	1.68065958	1.84746778	1.57338081	1.51120148
1.25006319	0.9976882	1.24108691	1.12063001	1.14354737	1.1059829	0.97042054
3.21636399	3.52137719	3.44073176	1.64343199	2.46755187	3.04802444	3.08957879
5.75509854	5.31386501	5.38521433	6.18055378	6.4173566	6.36695299	6.28816698
5.76051801	4.77753363	4.95374988	4.98127968	5.18881219	5.16960155	5.12666231
1.03943546	0.51474558	0.59242615	2.65413832	2.81266375	2.74744319	2.78252348
0.83873935	0.78512256	0.9595805	5.11340829	5.07620486	5.24366625	5.17034826
0.58702154	0.70384391	1.03682791	5.05376284	5.02036195	5.05794825	5.35551195
1.1960684	1.00363323	1.09319251	1.48742261	1.27564232	1.28314433	0.83988916
0.16309235	0.11576433	0.1418516	1.00E-04	0.21438533	0.17727985	0.46388847
0.46024259	0.11572568	0.30862184	1.89336031	2.68873667	1.55666536	0.98134535
2.32218998	2.79786425	3.69590444	3.39157547	3.47008885	4.05955457	3.76131165
5.6487399	4.92025746	5.18768973	5.21675574	5.33679702	5.35532715	5.12291734

4.92368868	4.1299339	4.33292156	6.09367341	6.09025992	6.05267727	6.18414705
0.12858366	0.07445809	0.05797374	0.12356905	1.00E-04	1.00E-04	0.17001816
1.18194507	0.88807697	0.73563145	0.75940983	2.34148806	2.3339569	1.41149798
3.84439106	3.47645273	3.46139325	1.37388297	1.58762002	1.46636595	1.67846828
1.84743418	1.40017357	1.81311589	0.87403999	1.43271339	1.42919247	1.74644983
3.06800756	3.13305237	3.10744836	2.78353738	2.75323877	3.00768908	3.27569886
7.18038633	6.70195133	6.72701465	6.51980256	6.83340854	6.79055054	6.71177731
2.20921902	2.23931698	2.39938477	1.26214287	1.29194121	1.56711147	1.63843233
3.07165102	3.25923083	3.10258206	2.40224867	2.53549296	2.94840778	2.96356054
1.57217294	1.26340471	1.31465141	1.6229155	1.82757586	2.06481246	1.99039939
2.28724572	2.40441714	2.36201255	1.97965703	2.33256398	2.42350506	2.38346578
3.42349651	3.02914029	3.09506349	4.54363583	5.01760156	4.76073276	4.66336303
4.10274653	4.13845999	4.07745574	3.55585236	3.86508258	3.91490084	3.9468526
3.89110462	4.14040277	4.0004603	1.53013746	2.13579721	2.48558403	2.36766936
1.00E-04	0.04349463	0.01807944	0.22407161	0.13823928	1.00E-04	0.15088556
0.89235154	0.41213432	0.59038625	0.81034651	1.38729898	1.04537506	0.91676926
0.68939285	0.33373162	0.42247863	0.44745566	0.42916616	0.99955786	0.71706295
1.00E-04	0.02470874	0.00579477	1.00E-04	1.00E-04	0.09509865	1.00E-04
4.33255513	4.80664004	4.65531322	3.06352494	3.45165028	3.89174246	3.76021392
1.8173186	1.48848075	1.66118547	2.48129627	2.80410624	2.71785062	2.84300175
1.40636708	0.9046873	1.33315769	1.86357979	2.06184036	1.77311178	1.9417527
2.30174192	2.69214571	2.65402293	1.64027309	2.00452966	2.26152155	2.67447818
1.18278035	1.41360178	1.14074034	1.00E-04	1.00E-04	0.4083363	0.14109732
4.82216311	5.26373049	5.2048754	2.25680419	3.12018323	3.98569965	4.02180337
5.5997367	6.36595464	5.63995523	4.60532347	4.64706184	4.9843649	4.4644541
5.80607908	6.35927558	6.17511415	3.60425539	3.86949647	4.73898755	4.51477427
5.95482532	6.32861165	6.20195953	4.60449668	4.93187804	5.56720696	5.42959385
1.08698453	0.37487992	0.36214746	0.26833425	0.5963166	0.94109642	0.99020129
0.93975966	1.0308014	1.33441749	1.42487878	1.96175995	2.11630904	2.09465684
0.39151343	0.23425382	0.30953088	0.62173323	0.25007586	0.22939529	0.3554107
1.22968429	0.55005129	0.51894879	0.21433745	0.55814127	0.6194276	0.5076183
0.19905154	0.16900636	0.19633765	0.47904221	0.5151209	0.99614118	1.27514414
0.36872305	0.21944586	0.28077875	0.25158292	0.49399183	0.65066826	0.71176966
5.45748467	4.79394791	4.94288236	6.3400989	6.55911246	6.5846624	6.50711003
4.91402806	4.3193152	4.50923119	3.77528196	3.83877881	4.11282171	4.30885211
3.50233914	3.21884582	3.29878709	3.9876438	4.33204135	4.27371315	4.27916105
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3.57088361	3.68245202	3.69419753	2.51252553	2.85106165	3.12871905	3.12225495
2.82648059	2.11268022	2.23845392	1.63586926	2.26301162	1.97586389	1.51999961
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4.87250468	4.15649753	4.39689603	5.97049633	6.07997022	6.02958894	6.12015979
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3.4832559	3.0740192	3.40832171	4.21261433	4.47447122	4.53254269	4.44071435
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3.58104676	3.38097111	3.50353689	4.04919866	4.2274096	4.32500599	4.27863548
2.86170758	1.94783983	2.29677065	4.12869474	4.13814314	4.0936157	4.15583858
0.80765455	0.39598337	0.62816652	0.77522504	1.28466229	0.85617885	1.13442188
1.65990193	1.66686328	1.81319267	1.75017111	2.05511141	2.08381955	2.03388205
4.75868683	4.52735191	4.60589059	4.19867558	4.45162929	4.5854237	4.56831431
0.54925818	0.60366886	0.63085825	1.00E-04	1.00E-04	0.12847895	0.09298323
2.85534328	2.09764246	2.21063749	2.14570438	3.01371642	2.45187398	2.89468042
0.96149715	1.07197346	1.24066472	1.00E-04	0.29047911	0.14953806	0.21137975
1.01611322	1.03541098	1.07057835	0.94697403	1.42408076	1.18834979	1.60588696
3.88989103	3.82078416	3.84000067	3.68269596	3.78691764	3.91757113	4.09347598
1.36444442	1.60213932	1.67277483	1.05629093	1.37108161	1.63889949	1.73515214
1.44001295	1.67933872	1.78983761	0.73792589	1.78033865	1.74755734	1.50786475
0.32512642	0.22070291	0.29998003	1.03793527	0.59008848	0.29210298	0.47942171
1.6094469	1.55284617	1.70569831	1.14352529	0.97388554	1.16440576	1.702113
2.84736761	2.68226091	2.79184525	1.22322956	1.38775229	1.56342306	1.72931225
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66583733	0.55222949	0.51527829	1.74274644	1.85904786	1.4428033	1.43002212
5.68263991	5.62718729	5.5419582	4.72558562	5.20430576	4.9949417	5.28157756
1.00E-04	1.00E-04	0.05662384	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0057492	0.00915887	1.00E-04	1.00E-04	1.00E-04	0.26837456
0.27241135	0.18232329	0.19349844	1.00E-04	0.43238431	0.39938971	0.35603214
1.2702679	0.82356315	1.18164641	1.27840925	1.89156683	2.32112308	2.22816568
4.13955634	4.17116026	4.15805025	5.21452277	5.17487315	5.09310501	5.10382553
0.43980987	0.10102209	0.26671584	1.1605209	1.11131254	0.82162969	0.63954488
0.19361587	0.08561598	0.11169627	0.29731605	0.24760003	0.2248144	1.00E-04
0.20457963	0.0588026	0.08611501	0.39651933	0.0884656	0.2074546	0.11641726
0.06525721	0.04828154	0.07927188	1.00E-04	0.37961905	0.28299188	0.21067343
0.11220432	0.03520006	0.05263521	1.00E-04	0.32222966	0.05621984	0.29528144
2.85576405	2.65358237	2.96488387	1.42774603	1.05689409	1.09440841	1.17051975
0.35978374	0.18323916	0.155556	0.80863739	0.4483801	0.87001661	0.95482206
1.28451096	0.98321935	1.02704056	1.13433724	1.45190293	1.24677538	1.24474802
0.21394773	0.09422511	0.06290012	1.00E-04	0.22933912	0.0337908	1.00E-04
0.16796968	0.13360817	0.31541143	0.62312821	0.54072883	0.55382087	0.6089261
0.45212954	0.51191153	0.55762367	1.00E-04	0.58141548	0.78394017	0.61449093
1.91859095	2.03378602	2.35011398	1.00E-04	0.40955181	0.30485979	0.61977275
1.00E-04	1.00E-04	0.01561153	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00370551	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36119686	0.71935553	0.97556626	0.25825549	1.00E-04	0.111961	1.00E-04
2.14429111	1.45038872	1.43923459	1.53681989	2.6474903	1.78060919	1.86897173
0.71458718	0.22122663	0.37409359	1.0775321	0.6635157	1.17183556	1.28051712

1.00E-04	0.00808831	0.02402491	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10527675	0.4433428	0.78697299	1.25283653	0.65453207	0.71041524	0.3464985
1.00E-04	0.00273784	0.01450073	1.00E-04	1.00E-04	0.09897061	0.28759689
0.56028109	0.29965781	0.35847458	0.74836873	1.06624882	0.59622063	1.10487077
0.21850231	0.10043079	0.17149278	0.41187739	1.02195749	0.2489697	0.44601696
0.55768203	0.1135151	0.19330512	1.00E-04	0.26866546	0.31894725	0.32169519
1.00E-04	0.04494088	0.00630841	1.00E-04	0.34445861	0.11483531	0.10341812
0.31463652	0.11214218	0.19556758	0.63675772	0.14171403	0.15429901	0.14505606
0.2572499	0.08148507	0.0899735	0.34280139	0.14571436	0.25773795	0.13270866
1.70738797	1.89901054	1.93629203	1.06220138	0.70789176	1.15316623	1.298933
2.41676555	1.66191315	1.83763772	2.47322643	2.71783542	2.37726036	2.48070569
0.21958125	0.24295466	0.38625726	1.00E-04	1.00E-04	0.17806453	0.08197155
0.99605179	0.69359143	0.78298635	1.63684057	1.52137485	1.26864453	1.93126145
1.17876733	0.62748889	1.17511547	0.51652043	1.06872283	1.02030141	0.75791723
0.0301859	0.07805341	0.05104701	1.00E-04	1.00E-04	1.00E-04	0.32071152
1.00E-04	0.00582256	0.00852369	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21113644	0.96369752	1.00739187	0.99289987	1.35479986	1.61916936	1.6458672
0.83374886	0.57629316	0.78317592	0.81712571	1.25447687	0.95528889	1.14922568
2.72313667	2.76720307	2.16771641	0.98145496	0.33716062	0.62891727	0.56267791
0.44781606	0.21450833	0.36439867	0.71274891	1.41249466	0.70065046	0.92954135
1.1447192	1.23339168	0.99778398	1.00E-04	0.44890332	0.56432636	0.50098628
1.00E-04	0.01243292	0.02154979	0.2900415	1.00E-04	0.21215167	0.07617071
0.04800344	0.01373711	0.02718329	1.00E-04	0.07740273	1.00E-04	0.17782666
1.00E-04	0.04855239	0.12315021	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16209502	0.13412135	0.23863415	0.21471554	0.48846349	0.14486949	0.01875595
0.56849412	0.45849679	0.61322246	1.00E-04	0.26638218	0.05052657	0.30986943
0.48802266	0.15815998	0.14564689	0.91005473	1.06562786	0.60291441	0.94397574
0.30362822	0.35706295	0.73288099	0.49862955	0.03155429	0.15747942	0.20239463
0.14575673	0.03344614	0.04530185	0.14090775	1.00E-04	0.02704112	0.19067571
4.38118828	3.19215251	3.94407143	3.90962511	4.03599658	3.98640092	4.17182908
1.00E-04	1.00E-04	0.00647778	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03027308	0.0540443	0.06697855	0.33274881	1.00E-04	0.33278003	0.10393589
0.0471694	0.02448156	0.08674788	0.41483567	1.00E-04	0.15601893	1.00E-04
1.00E-04	0.00711516	0.01321941	1.00E-04	1.00E-04	1.00E-04	0.0899274
2.76508267	2.6323689	2.60138895	2.95172437	3.32370529	3.1562055	3.25331426
3.08826375	3.2791686	3.53992944	2.16639519	2.47032633	2.66561821	2.7794323
0.34609245	0.2488038	0.28145789	0.39921686	0.52057685	0.67437443	0.63640513
0.2984114	0.15633935	0.0522427	0.91174162	0.67641352	0.50392618	0.46324018
3.8283121	1.75649458	1.30263516	1.61016091	1.806602	0.93559528	1.09175355
4.34007472	4.54644277	4.74314798	2.2730577	1.90931199	2.77638964	2.96605541
0.2906332	0.08267805	0.17330245	0.1589679	1.00212532	0.68462745	0.88531464
0.5327176	0.37392739	0.51385843	0.19625777	0.5608536	0.2165451	0.66235428
1.6837873	1.01466281	1.1724431	2.78818206	2.92064228	2.85996161	2.94910411

0.72041122	0.45258406	0.596768	1.22162935	1.33136633	0.9336131	1.42532727
1.98067696	0.80691303	1.73088524	0.76660375	0.70735167	0.92294956	0.39435634
0.3082389	0.15342597	0.21337145	1.00E-04	0.43871836	0.30473557	0.22881089
1.08274968	0.67641506	0.7547321	1.13265504	1.3572213	1.41549527	1.90060168
4.88685164	4.67515212	4.70695269	2.80184964	2.78632976	3.19449117	3.1943458
0.03224793	0.01767945	0.02924634	1.00E-04	0.25032414	0.07819452	1.00E-04
0.27942253	0.41743841	0.81832424	0.45080575	0.38738195	0.51680605	0.82816552
0.29659239	0.21143738	0.15205843	0.54718659	0.85098516	0.52682711	0.47021139
2.98012805	2.23852499	2.57911995	3.75130942	2.91952136	3.5615861	3.94249143
2.39924889	2.15228255	2.44498355	1.732769	2.21316592	3.0232544	3.00573474
0.15443117	0.17568531	0.20046358	1.00E-04	0.14984264	0.12252404	0.12579875
0.04779945	0.02850766	0.00743356	1.00E-04	0.23553407	0.1661633	0.08810927
0.23875566	0.08744893	0.11937616	1.00E-04	1.00E-04	0.28474319	0.37956105
0.0138527	0.05560383	0.0555527	0.13256333	0.1663089	0.18783147	0.27395037
0.02074935	0.06696532	0.1363936	1.00E-04	0.29893804	0.17980237	0.39989929
0.56128669	0.16125108	0.35801843	1.18227779	0.6665379	0.7913277	0.78199999
0.9356918	0.84340448	0.90460572	0.84929273	1.71976449	1.3841007	1.47725414
3.86528525	3.93563831	3.97554511	2.48575836	2.78248279	2.97624001	2.91482754
1.36112031	1.32448157	1.52335054	0.4328246	0.62722086	1.11332757	1.1763635
4.43656963	4.67167594	4.71584675	1.96303618	2.57533771	3.23367313	3.3090045
2.64779766	2.53547078	2.69191006	3.22352307	3.55043596	3.37600147	3.5030609
1.68553085	1.70254122	1.43357991	0.57206736	0.75351572	0.75527441	0.76366311
1.00E-04	0.02057964	0.01775595	1.00E-04	0.08449229	1.00E-04	0.10119414
1.00580666	1.0436339	0.9292788	1.78205064	2.45628627	2.22628926	2.26045808
2.18537509	2.1469788	2.18581058	1.65345488	2.24129349	1.84007498	2.20699836
2.74083491	2.48295521	2.71893546	2.53399736	2.95645857	3.18702846	3.30298181
0.20672893	0.10177143	0.01789057	0.32486354	0.26719389	1.00E-04	0.09948271
2.23520728	1.95723007	2.1000916	2.18670956	2.43627225	2.34866917	2.49347972
3.89235164	3.95827627	4.02278526	3.76077098	4.11317826	4.40281943	4.35015152
1.17642063	0.99887713	1.10470031	0.95850838	1.26326746	1.22448133	1.80509452
2.10973371	1.71545042	1.96652676	0.73873046	1.25197089	0.81054944	0.56437419
0.0727737	0.01233498	0.03663888	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.26431369	2.04201325	2.27846675	2.13265077	2.51677139	2.64926551	2.62512452
1.31534685	1.43390247	1.42409776	1.57419503	1.61315642	1.66042872	1.80526114
1.19752214	0.88664786	1.18939547	2.54173391	2.75841895	2.47026993	2.6428655
0.5670652	0.12640888	0.13629045	0.26952385	0.19278791	0.19364492	0.19124743
3.00519829	2.52749061	2.76907485	3.17413255	3.52645315	3.59840915	3.66287337
4.02530652	4.58145258	4.50514027	2.26831448	2.47949523	2.97530335	3.11254955
3.7577644	3.86274889	3.93697344	3.36011787	3.69934304	3.88188078	3.90082461
2.33348241	2.47378767	2.55914052	1.34435951	1.80178989	2.1389622	2.0025844
0.4179478	0.37169651	0.42463586	0.39877077	0.89576272	0.97342134	0.87081111
4.14606856	4.01484038	4.02191019	3.87459587	4.27809827	4.18474936	4.1672527
3.80292179	3.69440995	3.71158683	3.51339513	3.91491534	3.93208767	4.11944204

5.65445944	4.96733151	5.20766028	5.79681114	6.09142951	5.95247351	5.93587768
4.28618545	3.84319785	4.23996092	4.72893139	4.93533166	4.83154791	4.89179771
4.09393817	3.71534625	4.09690208	4.32160893	4.46820206	4.28626021	4.4517277
4.41053222	3.90575215	4.09503726	4.83253721	5.2553659	5.09056929	5.10886762
3.33193937	3.05689689	3.19204105	3.69241715	3.87429548	3.82687019	3.92275198
3.6957521	3.25523005	3.4437353	4.2874148	4.51372153	4.20224922	4.26103994
5.45265656	4.72486761	4.83779005	6.04953215	6.30103785	6.19196062	6.14722418
0.74348396	0.47177317	0.68514101	0.18294609	0.64758694	0.88855011	0.63460905
4.12820231	3.89726521	4.02637577	4.62688136	4.76656082	4.73154694	4.81131679
2.66505273	2.46592857	2.63284299	3.87365304	4.23774063	4.3821016	3.96037065
3.63919021	3.16076105	3.30415177	3.97456224	4.12538169	3.91091059	3.967974
2.03356944	1.7005622	1.98932726	2.4727692	2.91612005	3.10143261	3.23121781
5.1648245	4.47794936	4.66740554	5.93136594	6.13576895	5.95787299	5.99030078
3.90222575	4.19801115	3.74509408	2.73514518	3.06685403	2.85751618	2.83013174
4.58866025	4.04669931	4.3813091	4.84602225	4.96284083	4.9636795	4.86014904
1.33205415	1.10275555	1.32836885	1.49413422	1.62561715	1.40957806	1.41416275
0.35083914	0.04824037	1.00E-04	1.00E-04	0.31789933	0.24524573	0.38420485
3.71404053	3.68954491	3.74171637	3.12565436	3.54231778	3.42923843	3.65263043
3.18198449	2.94773802	3.05976404	2.61491838	2.88061415	3.00385679	2.94696312
3.16937798	3.60457152	3.7921519	3.4318757	2.79842723	3.32364718	3.53863679
3.98054059	3.69454129	3.63739258	4.95542861	4.14475814	4.14788071	3.92060987
2.89527665	3.0932724	3.11128357	3.67443228	2.79896716	2.99454243	3.08609332
7.46963754	7.78213944	7.89131336	7.2344059	6.94548426	7.40943138	7.34060626
4.46100583	4.6377643	4.74186671	4.97293639	4.12667037	4.43367071	4.401026
5.70072232	6.1186173	6.10581094	5.26340307	5.09137021	5.6337816	5.48427548
8.60576133	8.89880737	8.93850031	8.56133431	8.1794971	8.6931956	8.58479485
7.76666908	8.17810511	8.11986426	7.54411613	7.46821347	7.96065897	7.83473967
3.66882586	3.90050374	3.87427494	5.07332854	3.80759816	4.00155774	4.09290677
8.7458654	8.94795975	9.00928693	8.39901299	8.30014165	8.77120736	8.65604673
8.04137762	8.24425569	8.32638875	7.33026562	7.20326089	7.69901751	7.6121664
7.66000289	7.703333	7.80111335	7.48966756	7.16999849	7.5314276	7.40923895
7.8063038	7.95782087	7.97630654	7.55487032	7.41996286	7.78623135	7.64549654
10.3365353	10.3390125	10.5855427	10.7767933	10.7286128	10.9750267	10.8786916
8.7145118	8.67004741	8.843213	8.81047797	8.87580092	8.99931458	8.96381861
1.65794253	1.30063275	1.54196551	1.34213658	1.62109784	1.58730913	1.7935644
0.4101689	0.44757987	0.52408082	0.48011462	0.32642405	0.48147121	0.43175431
0.05880128	0.04429054	0.112678	0.60669048	0.25297427	0.05785651	0.11327777
0.56259633	0.42476225	0.43661341	0.96450286	0.34360547	0.55910072	0.62429945
0.76178975	0.5781801	0.63868114	0.41882335	0.48229399	0.48783517	0.26483598
0.30424491	0.05129841	0.10982991	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58976702	1.69857253	2.1059546	1.9883033	1.34055085	1.73198923	2.24101649
0.39873478	0.30348764	0.40114811	0.53990465	0.3684965	0.22729908	0.16501355
0.08611845	0.02175899	0.06464925	1.00E-04	1.00E-04	0.13564907	1.00E-04

0.16963325	0.15225553	0.10454693	0.08752607	0.34434844	0.38493425	0.15370658
1.00E-04	0.02388901	0.02245497	0.10353234	1.00E-04	1.00E-04	1.00E-04
1.54265566	1.47615444	1.5668423	2.09969053	2.22254544	2.10744811	2.12041777
0.316721	0.36897576	0.48267514	0.55993747	0.44628895	0.4573523	0.75121046
0.44112221	0.44677754	0.48583382	1.17743012	0.14798106	0.4921442	0.43170416
1.5615045	0.88172766	1.03573875	1.12149524	1.23954261	1.07035147	0.55039085
1.29417974	1.81896267	2.0090653	1.45164557	0.78529643	1.7529744	1.6899251
2.73869573	2.81529117	2.83086536	3.64044836	3.27170283	3.27508296	2.97605628
0.40397518	0.30200637	0.39030519	0.46168892	0.61343952	0.52381645	0.44947162
0.06659359	0.10918176	0.12759818	0.08231455	0.02980132	0.27077784	0.1272968
0.02441057	0.07720754	0.05065937	0.34132455	0.15031585	0.14357548	0.1915144
0.47444408	0.10999129	0.25226355	0.22801607	1.00E-04	0.16039955	0.18019151
0.43071532	0.33105263	0.42609356	0.63643418	1.21705485	1.46690205	1.77320108
0.08093234	0.06203824	0.16730902	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.25960545	2.89988156	3.10252564	3.72729811	3.94725611	4.06638655	4.17404055
4.59051783	4.74672485	4.7826922	4.15808885	4.42025131	4.49869468	4.64304288
0.62794652	0.27736832	0.56721952	0.79583373	1.12163679	1.69437891	1.4965264
1.96827898	0.9226389	1.34633941	0.89216485	1.11999535	0.62283706	0.93077628
1.74115167	1.61911121	1.83562448	1.69886877	1.82364413	1.74147429	2.16862327
2.5279557	2.33526999	2.45158702	2.88894426	2.90667976	2.8640535	2.77693892
3.12507784	2.96546778	3.07548253	2.32839572	2.59973188	2.76012633	2.71275236
1.98937516	1.94735855	2.22909106	3.4668616	3.56854635	3.9804097	4.25338364
3.94785513	3.70838513	3.93985525	3.91171067	4.340696	4.16232583	4.08556533
4.76485123	4.28572007	4.37802399	4.79928404	5.14563186	4.97046427	5.03432596
1.44075449	0.93506839	1.11295275	3.179145	3.51357586	3.25061091	3.32728254
3.84216544	3.32100843	3.55039075	4.08265062	4.38775939	4.28664501	4.35515686
3.47845373	3.09135088	3.19125549	4.47708891	4.76441233	4.45149811	4.54844544
1.60468956	0.79250852	1.60075031	1.70486578	1.59184944	0.99038459	1.60273176
3.30069051	2.89833141	3.09881783	2.84118289	2.93096298	2.91076132	2.7920886
3.83853398	3.32221818	3.42092448	3.92438145	4.12612932	4.01096186	3.88337339
3.36506641	2.74772327	2.96613015	3.50179089	3.82311959	3.64970463	3.81088765
3.20423486	2.77658016	2.91162939	3.78156541	4.0953014	3.96464737	3.86876577
4.99982848	4.26593185	4.60362286	3.16083196	3.57295854	3.07992609	3.47698887
1.13597041	0.6518719	0.87113607	1.84722554	2.35018926	2.28599006	2.37702605
0.64902924	0.2016236	0.24185543	0.08600548	0.6816742	0.29354054	0.186937
3.62396478	3.60251084	3.78923912	2.16704907	2.51679404	2.60207123	2.53126183
4.65417481	3.98120403	4.02196377	5.61346592	5.76637519	5.63716483	5.5745889
3.23658563	3.37274327	3.40821945	2.20102487	2.7456221	3.26651909	3.16137001
2.69717348	2.66397715	2.69555898	3.60664864	3.49869089	3.61522043	3.85322572
2.52415652	2.28934099	2.4170924	2.61220542	2.85904331	2.83153248	2.86817461
0.03072277	0.03948981	0.09003311	1.00E-04	0.17493897	1.00E-04	1.00E-04
1.29378367	0.85356211	0.98042949	1.98755227	2.14574538	1.63076928	2.13014297
0.54507463	0.22489211	0.36838289	0.42072374	1.62484081	1.3804375	1.35005263

1.8301667	0.84338792	1.0213106	3.02649101	3.45908225	2.89474106	2.39059583
1.16877699	1.13639403	1.46800887	5.0795146	5.07835606	5.14616822	5.1591027
0.43105839	0.27343709	0.25490161	0.45923376	0.85197921	0.75192757	1.11840536
4.75930068	3.92201255	4.15811147	5.31146229	5.66613478	5.54952874	5.56822129
0.77849659	0.33858163	0.32107643	0.09286225	1.05283199	0.85364939	1.12276173
0.04011175	0.12203674	0.11906576	1.75318687	1.44222453	1.30483965	1.16618949
2.10119332	0.96347172	1.44176372	0.70317315	0.70082325	0.69230874	0.39230289
1.30991442	0.78345402	1.04357031	2.66767704	3.32377124	3.12823013	3.24777776
1.54435611	1.47956695	1.63486656	0.62373203	1.16847766	0.87810064	0.8225237
1.39652333	1.205367	1.21701251	5.16258467	4.98374281	5.19112209	5.22828182
0.04049976	0.04164649	0.05608374	1.00E-04	1.00E-04	0.01182283	1.00E-04
2.61039255	2.21343302	2.42030898	2.84807837	3.51549799	3.20099851	3.20879174
3.23634228	2.69442583	2.88956849	3.37165999	3.98971924	3.79947861	3.55556503
1.75098011	2.04485976	2.09891884	1.21723121	2.20378827	1.83224083	1.88735038
3.19037909	3.44421651	3.47762449	1.45161331	2.53776833	2.79477631	2.73104646
4.50566488	3.84780774	3.95483483	4.86839914	5.13577679	5.00607157	4.99654666
4.35458312	3.99800389	4.16789475	4.75179779	5.01112337	4.94192085	5.04314006
0.75722968	0.44393151	0.73108162	1.50255384	1.49502084	1.55800438	1.62924618
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.28456311	4.5362465	4.83952499	2.26966649	2.49786047	2.2335306	2.57135292
5.42886343	4.90103506	4.88005285	4.9456397	5.01546018	4.9964848	5.09151297
0.40721218	0.2359513	0.27318615	0.58155294	1.2172042	0.91844009	0.80692091
0.37214185	0.43343659	0.61538865	0.80014079	1.36446092	1.20360204	1.237322
5.06891138	4.33076553	4.3739308	4.06243468	4.2362751	3.97046355	4.00841143
0.57989351	0.38215208	0.49505585	0.54933578	0.46628536	0.8054688	1.1474473
1.06745046	0.48919024	0.52874138	1.17142179	1.14219712	1.40666997	1.28272907
0.0963859	0.08797302	0.06937413	0.71947696	0.06960386	0.40159705	0.51358626
0.45342939	0.07583898	0.1314688	1.00E-04	0.26978233	0.25543638	0.37411225
0.03016024	0.04357397	0.02308848	1.00E-04	1.00E-04	0.1003623	0.05134855
6.11382055	5.39186498	5.40839147	4.76607139	4.96565939	4.85986221	4.87593124
3.4475272	3.1636187	3.21302836	3.28751704	3.80306533	3.68908156	3.81530716
2.58748537	2.44111456	2.45011019	2.06403509	2.44151511	2.07892011	2.35231803
0.21068641	0.26857282	0.38961908	0.65110751	0.24884029	0.89662311	0.52347715
2.16393408	2.05828739	2.34600704	3.93723636	4.17603931	4.13066897	4.17581734
1.06673694	0.50520662	0.78826258	1.99023277	1.66816216	1.32310903	1.49661753
1.52565845	1.26340022	1.59273058	4.3778513	4.42984218	4.43372858	4.48162447
1.56320653	1.77419052	1.90428874	2.22304958	2.14616154	2.56685971	2.36519901
1.87397235	1.2895195	1.33296074	1.6917579	1.76399848	2.19333052	1.92186008
0.78175739	0.44876765	0.56553939	0.81224834	1.0929005	1.15249692	1.27692794
0.12664032	0.08829099	0.15621775	0.20095328	0.27307349	0.41407673	0.17959727
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21152582	0.8229735	1.16479376	2.95789419	2.66697003	2.44239829	3.49050724
1.95875779	1.74629387	1.79879435	2.31165015	2.99329564	2.71128449	2.74422111

3.62855441	3.43429408	3.58642929	4.56309129	4.8145832	4.97861998	5.04200695
0.45597318	0.24906564	0.34146409	0.74925799	1.51593673	1.10133229	1.13411897
3.10330616	2.77944715	2.97259303	3.66763986	3.85748202	3.87745047	4.05898182
3.06804831	2.6774574	2.80417639	3.66855513	4.0503132	3.82915901	3.86591774
1.45889246	0.81060774	1.17131777	2.40159632	2.88678017	2.65851816	2.70600451
0.17576903	0.2228683	0.16351872	0.33583549	0.97358683	0.93999596	0.49295591
0.07804965	0.01410133	1.00E-04	0.194172	1.00E-04	0.09273312	0.36925942
0.12184906	0.03325794	0.03272547	0.9061979	0.51271841	0.73278799	1.05431082
5.34485294	5.48925486	5.44596492	4.67904113	4.9978253	5.10438084	5.17890417
0.06270842	0.01154219	0.05884248	2.68275613	2.6246639	2.02469953	2.41822062
0.84877794	1.08866302	1.38898135	1.44214997	1.55088529	1.35108223	1.18143016
0.19110377	0.04543338	0.11143559	1.28261357	1.50174426	1.81143798	1.71817679
2.22456242	2.46312431	2.5401543	1.70025606	2.1259326	2.39524184	2.36564665
3.59483106	3.16667956	3.22252508	3.99494718	4.37880736	4.24345657	4.34670928
2.31022187	1.79308176	1.94330322	1.8708081	1.45019824	1.97075565	2.10232632
1.39222229	1.14090651	1.1956068	1.36979046	1.71397028	1.78212456	2.1521512
0.55731023	0.2735785	0.32668173	1.61290834	1.13373607	1.25307754	1.59946523
3.20106629	3.38994937	3.31824868	2.5368843	2.94266361	3.42621176	3.26228585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15796566	0.07068125
1.00E-04	1.00E-04	0.01934359	1.00E-04	1.00E-04	0.02989838	0.12192913
0.17644161	0.17671271	0.06522282	1.00E-04	1.00E-04	0.08228104	1.00E-04
1.00E-04	0.02244338	0.00816527	1.00E-04	1.00E-04	0.31168446	0.10341812
1.00E-04	0.04093662	0.01572705	0.40259321	0.27862839	0.36711714	0.2655139
1.00E-04	0.03504259	0.01194476	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00506306	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9604235	1.59909529	1.74200901	1.00E-04	0.27988195	0.35952882	0.44677179
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07790881	1.00E-04	1.00E-04
0.06675486	0.12345252	0.141461	1.00E-04	1.00E-04	0.13420552	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16661652	0.32125944
0.44708208	0.35822945	0.6339574	0.29186492	0.76736182	0.43989434	0.19664081
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72421537	2.20650034	2.28146899	2.81716681	2.78217675	2.48575799	2.37037749
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32825339	0.37223107	0.51982331	1.00E-04	0.39269478	0.60070915	0.14081561
1.37946032	0.43674276	0.69141779	0.61878302	1.34846078	1.69061583	1.61224287
0.66799056	0.94056945	0.67941631	1.00E-04	0.44823559	0.5728683	0.37322715
3.73058543	3.29214351	3.44026808	4.48638564	4.74807511	4.78541039	4.72756992
1.00E-04	0.01409912	1.00E-04	1.00E-04	1.00E-04	0.03426652	0.24486835
0.41670265	0.36771458	0.52904423	0.26543685	0.6727994	1.07126472	0.68528284
4.57906499	4.17123632	4.40075958	5.13129565	5.21797063	5.09584983	5.06801416
0.82865396	0.47860998	0.57510411	2.12881156	2.62725733	2.13028066	2.65948125
0.06277289	0.0541742	0.05815397	1.00E-04	0.507977	0.35712552	0.48471996
1.78513013	1.45193251	1.65903969	2.59992887	2.73984374	2.53219111	2.58316678

1.00E-04	0.14721635	0.11818343	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.40546079	3.61632062	3.53993625	2.10476517	2.22443466	2.36341596	2.52755846
3.84354121	3.75888839	3.65424733	2.22697348	2.78424316	2.82114572	2.93675241
4.66757181	4.00013711	4.43752985	6.78089668	6.94319337	6.93255958	6.95127333
4.72877754	4.70819621	4.85437692	4.71810435	4.8740281	4.83061813	4.61235467
0.034589	0.04430022	0.11898698	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26635167	0.41492051	0.34342319	1.00E-04	1.00E-04	1.00E-04	0.1477793
0.42977753	0.56892509	0.58236428	0.54228059	0.27604831	0.29887627	0.12495214
1.00E-04	0.01881942	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.21832425	3.57584397	3.85167482	3.04268044	3.60434752	3.42841053	3.86865474
3.93314581	3.73689427	3.78100484	3.35167568	3.69021648	3.2931605	3.61002126
4.72471813	4.99809031	4.77377193	1.79298737	1.88333175	2.75720737	2.92871156
1.64735908	1.4848713	1.49662702	0.52062586	0.93702501	1.09760173	1.86297348
6.33508631	6.40710407	6.04893124	5.29326487	5.72039491	6.03704052	6.04277989
4.32266217	4.14031802	4.05031284	3.12621843	3.56410013	2.98517336	3.68320013
2.80052538	2.49902031	2.71322963	2.99916269	3.0175219	3.10361538	3.32693316
2.76687764	2.15805261	2.36727342	3.03060291	3.12606068	2.56422585	2.84374656
2.68104947	2.19579371	2.45306244	3.14945045	3.26342311	3.1558116	3.45983466
4.14068135	3.71798503	3.86965529	4.15400527	4.62258608	4.65720907	4.60784071
3.36662938	3.38439714	3.51918773	3.55111697	3.86190758	4.05905835	4.17552312
3.11735315	3.41390837	3.376218	2.95459976	3.19880081	3.27369673	3.36375578
3.06120108	2.89314714	2.9858805	3.68893681	4.01055003	3.63609915	3.68174435
1.00E-04	1.00E-04	0.0329029	1.00E-04	0.13788342	0.32603117	0.10058847
1.70604524	0.57927561	0.80672617	1.00E-04	0.4069792	1.00E-04	1.00E-04
1.00E-04	0.00582256	0.01079512	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.36925048	3.87563356	3.7560993	1.3358443	1.47356415	2.09946027	1.85149089
0.25160559	0.68888803	0.60623551	1.00E-04	0.77340763	1.09579841	1.01648305
0.17121274	0.12452592	0.16161851	1.00E-04	0.32895395	0.06973323	0.27449337
0.389893	0.27921411	0.46977306	0.31641323	1.75601927	1.89483002	1.92221739
1.68155757	1.5088556	1.78273927	2.81113389	2.82954528	2.77557512	2.95456824
3.07490138	2.79316206	2.90407566	3.25185669	3.55048517	3.54489562	3.72098862
1.70909942	1.49864304	1.69293989	1.35043221	1.68368429	1.79854801	1.78901665
1.00E-04	0.02486609	0.01940967	1.00E-04	0.41195736	0.10680917	0.19409355
3.04108973	2.79619306	2.7659014	2.84475343	3.11121531	2.95309523	2.84913232
0.6960559	0.84471432	0.86578002	0.96344511	1.2460628	1.4332542	1.48408102
3.71672179	3.20376646	3.38778478	3.89346856	4.23547434	4.1340627	4.08551448
3.77019471	3.35474661	3.52588216	4.88181919	5.12784637	5.05326243	5.05088225
2.73700765	2.40568659	2.67109628	3.05536822	3.43604409	3.53735066	3.59125212
1.69430227	1.42236963	1.6236786	2.09606554	2.27703715	2.26113576	2.71572993
2.58119176	2.39672645	2.60688825	3.54355326	3.67413944	3.57667862	3.61051094
0.02952314	0.13849237	0.17692891	1.00E-04	0.26850114	0.1300059	0.2727524
3.78627149	3.66579293	3.8883821	4.58192255	4.93863209	5.00830002	4.96397228
2.04436575	1.24791499	1.37152243	2.39595773	2.20002626	2.10719534	2.00948792

1.1987039	0.90601874	1.12267859	1.73583159	1.46234274	1.52043033	1.81866268
3.82688278	3.47453509	3.66746444	4.00385802	4.5952608	4.64854485	4.75299533
0.96775788	0.85429475	0.96153499	0.86277761	1.37111586	1.33428671	1.79307628
0.24220446	0.12728789	0.13452215	1.9971127	1.3041539	0.97852314	1.57262654
0.32820235	0.03856481	0.10268372	0.65081327	0.57102229	0.19627294	0.63214571
0.01950594	0.01356932	0.0453926	1.00E-04	0.10579362	1.00E-04	1.00E-04
2.07192299	1.88462091	2.09086097	2.0034103	2.60923531	2.55163505	2.80102197
0.04548111	0.07239568	0.13106765	0.06687698	1.00E-04	0.20673722	0.49384504
0.13599188	0.02411549	0.01601745	0.38466233	0.21380078	0.17926301	0.30672543
1.97664118	1.92909561	2.05729788	1.85094572	2.07387485	1.96616151	2.34902886
0.35925417	0.25450009	0.24580966	0.39063521	0.25198891	1.07926437	1.5321482
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36127805	0.20028408	0.24004776	0.51951985	0.52085347	0.5983078	0.63924383
3.07877503	3.09728581	3.15427889	2.92492443	3.07915894	3.01993785	3.28225364
3.76217126	3.34588449	3.78669562	3.46269216	3.42383465	3.58203526	3.99912227
4.04223875	3.81841043	3.80642921	4.46876996	4.50804512	4.44358529	4.44775184
2.81771589	2.47500246	2.638751	3.38267982	3.51613071	3.53364485	3.60015517
3.03146191	2.73999143	2.88175691	3.87983532	4.12992769	4.06743339	4.23337171
3.0533721	3.19645267	3.21698855	2.47108545	2.66746455	3.14178507	3.31318941
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11142997	1.00E-04	0.5097555
1.00E-04	0.00557266	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20685522	0.18536656	0.10009747	0.21385203	0.08605178	0.15050211	1.00E-04
0.52257277	0.45336839	0.36142623	0.70232562	1.23812746	0.64413364	0.76020102
1.00E-04	0.02919965	0.0697807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06509245	0.01671337	0.0068762	1.00E-04	0.1337102	1.00E-04	1.00E-04
1.00E-04	0.00843914	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19309767	0.57099908	0.6261123	0.28805054	0.4587094	0.48109661	0.53255751
0.39572668	0.12756514	0.10226194	1.00E-04	0.28632796	0.24764809	0.20269782
0.23985201	0.89123527	1.30790711	3.24617807	3.29545646	3.88504891	4.36887841
0.04416908	0.1252671	0.12675474	1.53991839	1.82732719	2.78805961	1.87548713
0.05039452	0.0285414	1.00E-04	0.21248164	0.5861375	1.0939916	0.71900993
0.02120924	0.04620186	0.01984204	0.60155686	0.59225989	1.1861547	1.13346125
0.06068904	0.23256915	0.3639094	2.18682303	2.05481926	2.83562405	3.08990496
0.31892263	0.23808103	0.30216221	1.58283988	2.14199317	2.5799273	2.28118319
0.21632105	0.14363147	0.25738625	0.68298209	0.80133631	0.96965455	1.16727509
1.28032833	1.11138835	1.48891968	3.53965242	3.23141123	3.1691751	3.4670505
0.05149283	0.04963933	0.12843139	1.00E-04	0.30688208	0.40958819	0.17517416
3.44932167	2.8929468	2.77231289	0.522104	1.40604134	1.20374072	1.10662321
4.58525167	4.26441788	4.39278096	5.68307687	5.69020087	5.82430748	5.90719275
3.11019736	2.83699091	3.01485741	3.17898614	3.6133845	3.65408064	3.64450728
6.25782053	5.64354144	5.7799536	6.3677132	6.65425341	6.54740298	6.44374668
3.52032618	3.07264568	3.24013281	3.91129615	4.20376616	4.07296988	4.02976461

5.8875104	5.28374191	5.54967707	5.82848026	6.17528767	6.13263191	6.15631847
3.10485916	3.14839435	3.14021381	2.71105462	3.24441913	3.16876159	3.19754221
4.58848839	4.24105325	4.3908413	4.68525253	5.0853568	4.9114268	5.04866803
2.60132192	2.70236035	2.47053543	0.87227197	1.22924724	1.59506549	1.29028841
0.74853472	0.30006589	0.27061326	0.17352487	0.07264471	1.00E-04	0.2003902
0.02142799	0.05997754	0.04732991	1.00E-04	1.00E-04	0.20984039	0.24253987
1.00E-04	0.03193465	0.03149445	1.00E-04	1.00E-04	0.24995161	0.20165283
1.54800374	0.84568202	0.94625992	1.71624367	2.2269085	1.93468552	2.0221968
2.95279721	3.43430206	3.32153084	2.05257282	2.28304886	2.46329319	2.537814
0.70094246	0.56531055	0.68688864	1.25436324	0.99888382	1.45850991	1.32389354
1.80030532	1.48105756	1.52509919	1.6100389	1.82384561	1.32180057	1.48804809
4.17729475	3.70316097	3.81661297	4.78303378	4.94727866	4.84678603	4.91470977
1.99388954	1.87003797	2.07185716	2.20898415	1.88711891	2.45956454	2.33581397
4.37779939	4.13164512	4.17047123	4.31116141	4.69671405	4.64622458	4.70355539
4.84403253	4.52468016	4.63332587	4.86582607	5.05456158	5.11779625	5.11179962
2.58683484	1.77317786	2.03010138	3.29358427	3.55094755	3.35141689	3.55729205
2.74997753	2.22578013	2.31938514	2.80380492	3.22988176	3.19593268	3.304616
0.45155125	0.10494728	0.17426275	0.20296285	0.23327206	0.37214038	0.32532426
4.81742769	4.44612745	4.65762151	4.48444778	4.88472931	4.83882132	4.89067621
1.81566154	1.81447456	1.81232879	1.01281137	1.67638966	1.36706326	1.64640919
4.41919641	4.33557141	4.40955506	4.12657464	4.59916194	4.61690618	4.59147231
2.2278057	2.54279438	2.52100524	0.8106318	1.07983014	1.06343145	1.59837415
1.7991289	1.52127903	1.59779717	1.74207253	1.85746929	1.74874333	2.10644223
0.21913478	0.20119235	0.20215747	1.00E-04	1.00E-04	1.00E-04	0.10067455
2.93798496	3.07154074	2.96941122	3.36169675	3.40813323	3.43998224	3.57881547
3.60568163	3.73882877	3.94257028	3.00030726	3.17357088	3.35267135	3.64920356
0.84083314	0.97467875	1.238642	0.58994432	0.21897413	1.02298758	1.05024433
0.04025935	0.00634131	0.02121561	1.00E-04	0.10770702	1.00E-04	1.00E-04
2.29373858	2.23746591	2.32554022	2.62178183	2.92313941	2.45134356	2.94187001
3.46022603	3.22222011	3.40163269	4.05998114	4.39223454	4.41831272	4.53922
3.40015148	3.65770234	3.52757723	2.38297085	2.79726161	3.30408436	3.30958311
3.88344325	4.70629993	4.5750841	1.29725795	1.8563139	3.07196082	2.81722345
0.70456139	1.22288549	1.21102993	1.00E-04	0.14409708	0.50511632	0.47710653
1.1089346	0.05238868	0.12265806	1.00E-04	0.12425187	1.00E-04	0.82718088
0.98659663	0.04783834	0.07055919	1.00E-04	0.18092832	0.1881785	1.00E-04
0.8155869	0.08834557	0.12920525	1.00E-04	0.42220271	0.1973195	0.16920047
1.34959884	1.00E-04	0.01753107	1.00E-04	1.00E-04	1.00E-04	0.21146607
1.41698917	0.01868073	1.00E-04	1.00E-04	1.00E-04	0.0400286	0.1267935
1.37410755	1.53412305	1.47935609	0.64490307	1.85774111	2.24824599	1.84388043
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69248891	0.29394933	0.40361062	1.00E-04	0.24566593	0.33347571	0.38381787
1.00E-04	0.01901867	0.08129169	0.21105484	0.21521911	0.23967183	0.31178019
0.78450989	0.35721747	0.74723939	0.24351885	0.52045216	0.58733061	0.68000603

0.08232216	0.12373631	0.19831211	1.00E-04	0.10767997	0.20158135	0.40385049
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01262078	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74505718	0.05307275	0.03744433	1.00E-04	1.00E-04	1.00E-04	0.12134201
0.75340778	0.1598087	0.38869851	1.00E-04	0.25942129	0.19318831	1.35712288
1.00E-04	0.01602856	0.05823343	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05284004	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74681354	0.73682897	0.80174254	1.00E-04	0.8069793	1.34619783	1.17940661
0.03553508	0.00823752	0.03069256	1.00E-04	1.00E-04	0.04289364	0.16799189
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.83581828	5.48519702	5.44513144	2.65614783	3.15953866	4.11769989	4.29876769
0.48558149	0.18333068	0.32073712	0.70788955	0.31677134	1.00752069	0.56791295
1.00E-04	0.00903825	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.80481807	4.15980207	4.29406757	4.35898273	4.57587611	4.50051614	4.38386629
0.32478026	0.10090172	0.23753763	0.97026765	1.66197247	0.69381934	1.16168132
1.11256214	1.18165241	1.36094396	0.64935842	1.00E-04	1.2646886	1.16972507
5.33312096	5.34870417	5.28546993	5.13901245	5.46830252	5.44863869	5.44039535
3.32363876	3.67641019	3.62562488	2.15725136	2.68422307	2.77802518	2.84006356
0.16243343	0.12836086	0.08290722	1.00E-04	0.22102595	0.3280006	0.42764086
0.96627261	0.98838383	1.16335715	1.45281207	1.62954987	1.26525283	1.47251815
3.32906524	3.04403431	3.14929091	2.80526579	3.17556648	3.02878582	3.34721195
5.70339292	4.75992201	4.90737903	2.30475849	2.79206891	2.22472413	2.42663409
0.07133788	0.06601561	0.03400241	0.3661572	0.22678321	0.10626198	0.57170703
0.65068922	0.5713379	0.5414536	1.00E-04	1.00E-04	0.04270165	0.31381339
1.75521422	1.57852037	1.71617131	2.03899375	2.26850833	2.18896323	2.55635756
1.8258126	2.11768764	2.0924708	0.73577395	0.76530738	1.09247545	1.41099767
2.42605313	2.00183298	2.22245943	2.03433001	2.35175554	2.17073048	2.48726202
2.87588525	2.42704566	2.5658272	3.17251891	3.69177996	3.36554922	3.39471035
3.22545326	3.29161546	3.3643906	4.50807296	4.57302378	4.87708231	4.74888724
0.91820914	0.44564252	0.50028727	1.18114554	0.90872993	0.97541085	1.07021996
2.93064075	2.87441456	2.83201261	1.61817568	2.02885774	2.0976063	1.9662849
1.00E-04	0.0420043	0.260221	1.00E-04	1.00E-04	1.00E-04	0.06405246
4.40320966	4.62438432	4.53831094	2.89772526	3.19744535	3.28859808	3.3301254
2.87022288	3.34253902	3.30755187	1.63533571	1.72042435	1.86354767	1.97215183

0.14098133	0.10933009	0.10335789	0.14137043	0.19136512	1.00E-04	1.00E-04
1.64521172	0.90160438	1.09360606	1.00E-04	0.33858559	0.08956142	0.41368459
0.59704976	0.61307021	0.77089636	1.68158074	2.29012519	2.99394368	2.87220661
4.51001266	5.07132718	4.96499248	1.39583848	2.04051601	3.28106888	3.11093384
1.00E-04	0.00824847	0.01186117	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12581436	0.06805421	0.19204315	0.14432545	0.3077204	0.19725434	0.17384051
1.17126121	0.51935801	0.78244147	0.51679479	0.74357072	0.78541493	0.83802355
0.67087356	0.52183644	0.88144505	1.58374945	2.25439295	1.823761	2.14268453
0.09131614	0.03632715	0.10966902	0.64435882	0.55479698	0.30932024	0.49277815
0.09885508	0.05784586	0.06649053	1.00E-04	1.00E-04	0.20734992	1.00E-04
1.68240849	1.45166489	1.7177721	1.14445815	2.05622907	2.59998892	2.78252658
3.0041593	2.76458569	2.96220858	0.33087856	1.21734629	1.00750517	1.17809588
0.81443722	0.13655339	0.16539495	0.17800226	0.22346301	0.40788815	0.23029218
0.05999789	0.0620872	0.03629289	0.17327817	0.14606211	0.2553946	1.00E-04
2.67701769	2.06089122	2.41222168	0.14997471	0.49133204	0.2429817	0.33534837
0.25480186	0.09639852	0.1698166	1.00E-04	0.42889757	0.5823525	0.59163275
0.63094047	0.56809381	0.5964183	1.00E-04	0.58866402	0.68833912	0.86249159
5.69700991	5.61045806	5.5848667	3.48637952	4.13022071	4.47031936	4.43642192
4.55860913	4.69805751	4.63349574	3.20347629	3.43823153	3.67638788	3.74646608
3.53729966	3.78785256	3.9537672	0.8969856	2.30194388	2.82001501	2.92519391
4.63724348	5.30528219	5.16830543	2.68159006	2.89398981	3.72915369	3.58941533
4.51622051	5.23407292	5.21092245	1.60484104	2.35656662	3.46792314	3.11505373
3.64480779	3.70787784	3.6745253	3.03743073	3.01431322	3.22932093	3.13045178
5.00756838	5.57392583	5.45906693	2.80717697	3.25988345	4.00239058	3.93772052
4.14302843	4.55488363	4.49707222	1.91618335	2.62486053	3.20026509	2.9298765
2.49582951	2.14543804	2.3730949	2.01174451	2.76721414	2.67794058	2.96406788
3.60741621	3.04641882	3.22874503	3.06066826	3.58737354	3.42867446	3.19170919
0.33274521	0.18057695	0.25184421	3.69981134	4.07726464	3.72847178	3.97747284
5.35250969	5.47367133	5.47440102	3.27957218	3.73859191	4.00150203	4.01474658
4.48006389	4.76898677	4.75138616	2.60326334	3.30524003	3.59883335	3.66370805
2.49042659	1.95246611	2.29031081	2.96251192	3.77098595	3.21092331	3.16731989
6.10555502	5.96918628	5.99674219	4.87489792	5.35387093	5.3658612	5.39971832
4.42033934	3.79308737	3.95269158	3.9852439	4.054073	4.73071151	4.11615229
0.19151163	0.06159506	0.07608253	1.00E-04	0.39459772	0.34900405	0.3895509
4.66203602	4.34664991	4.44363823	4.4591196	4.63673327	4.5452402	4.62899546
4.19176437	3.96915787	4.06574545	3.59461719	4.01372743	3.9470543	3.85589224
4.66968024	4.03650054	4.12907172	4.81826818	5.06225239	4.93524551	4.95556922
5.22469004	4.79311929	4.90375253	5.01674008	5.31153289	5.21334935	5.24384602
0.19126631	0.18746725	0.12683459	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.65291611	3.77520634	3.69250669	3.11915628	3.58396027	3.55975644	3.64578084
3.73558342	3.71326042	3.80597756	3.86075287	4.17005837	4.04255987	4.06640211
3.40557741	2.87436987	3.10866266	3.59121146	3.98626796	3.7950998	3.73459653
2.50366156	2.54774976	2.60658124	2.60805608	2.83597004	2.37957654	2.39063425

4.05809307	3.89660958	3.98962024	4.18169808	4.30806242	4.49197689	4.50178305
2.18981128	2.2122559	2.28013507	3.94753852	4.48943981	4.82096375	5.02450678
3.62693381	3.45082665	3.69541105	1.21461338	1.98642589	2.04312295	2.01390334
3.78745904	3.32870366	3.57034973	4.33736072	4.65587237	4.64995019	4.81691839
3.26592034	2.69706221	2.79803646	1.7240891	1.79858087	1.56676479	1.54732895
0.29570828	0.35033711	0.60790467	3.24083351	3.35722583	3.37318766	3.73655592
0.28424498	0.28084577	0.47979409	1.00E-04	0.20231563	0.14814795	0.32962946
1.02377129	0.83481392	1.04097252	3.51129923	3.53137502	3.85614405	3.82881584
0.26327188	0.48254963	0.38789897	0.23266175	1.00E-04	0.62234002	0.59761622
2.65429621	3.51580079	3.25020082	1.32130018	1.69809018	2.51174464	1.86323707
0.09699834	0.02209083	0.04388523	0.29459892	1.00E-04	0.10735199	0.10221996
3.24602225	3.35628592	3.53712556	3.92166495	4.35435868	4.41948899	4.59530558
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10131033
1.93074014	1.83264216	2.02537951	1.41433482	2.09515916	2.11488316	2.24101012
1.74593966	1.30916348	1.62820809	1.44074504	2.18327443	1.96004355	2.04360463
2.01495325	1.75962486	1.86000511	2.09630331	2.46994895	2.4055524	2.50110325
1.07868807	1.18633631	1.48409253	5.36440484	5.56906979	5.67663277	5.68053578
2.51599385	1.77553934	2.1457428	3.91584542	4.35742437	4.10932426	4.08378774
3.18438388	3.19998424	3.25667681	3.52061632	3.84467569	3.67311517	3.90993363
0.58619637	0.59194382	0.7842354	0.12813191	0.43283819	0.7278583	0.39592053
1.00E-04	0.03070673	0.03532092	1.00E-04	1.00E-04	0.05030278	0.0621692
0.4363041	0.2536933	0.14102539	0.18639788	0.21741098	0.4037332	0.17439381
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.58367199	1.91419178	1.85903061	1.00E-04	1.85679285	1.29403991	1.68594481
5.39257441	4.57882227	4.76332851	5.7750153	6.10607711	5.94245004	5.91920002
5.01065722	4.36235487	4.59085735	4.93045929	5.10616772	5.19395626	5.22870372
6.00537784	6.31390425	6.34571104	5.66510298	5.90605544	6.03784254	5.94436182
4.95312613	4.55329037	4.89852655	6.0966005	6.21681255	6.11727926	6.18294493
0.2477031	0.29335669	0.44870602	1.03929018	0.68448679	1.44637021	1.17686436
0.15096308	0.0920153	0.09716127	0.11597557	0.37539288	0.69982984	0.27175666
3.74978546	3.53495557	3.72143415	3.46498726	3.90931468	3.9507718	4.06049369
2.18128728	1.96428667	2.06603051	2.4700845	2.53506158	2.75667058	2.82765589
1.75529952	0.6033825	0.59794621	1.27461289	1.71224463	1.40394132	0.76376074
0.6983614	0.53141817	0.65391706	0.97255316	1.64377564	1.50440972	1.80778023
5.81276649	6.33410305	6.19007205	3.4518634	3.74941042	4.53104192	4.35037314
0.68868725	0.51074209	0.64629881	0.63446648	1.01605162	1.11625423	1.27012186
1.00E-04	0.00319193	0.02989351	1.00E-04	1.00E-04	1.00E-04	0.15377363
2.2888516	3.02038855	2.96531075	2.92736748	3.1848004	3.23444623	3.34131434
1.75444103	1.56664973	1.57742723	1.38833525	1.47242404	1.73933846	1.76283965
0.61733461	0.73154466	0.88044889	1.00E-04	0.30095411	0.18427187	0.242168
3.5103696	3.44050588	2.92368587	5.18350266	5.14803173	4.86264378	4.92331674
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01974729	0.00380945	0.03814497	1.00E-04	0.09614017	0.10051487	0.04920237

5.33307752	4.9102166	4.93272822	2.34713743	2.4950176	2.42122778	2.55862987
4.071031	3.09236011	3.7415438	4.70776854	4.34525792	4.53986163	4.65054482
3.20150557	3.62171743	3.63372523	3.08576835	2.94377997	2.93876311	3.10148392
0.37608714	0.59109492	0.66533416	0.25431434	0.28174974	0.40848738	0.46611048
0.28954561	0.34701339	0.35544571	1.00E-04	0.3885784	0.38471332	0.59287328
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63110977	0.41623914	0.62191839	4.60965473	5.08582936	4.17115661	4.80219078
2.14707135	1.7079332	2.04015173	0.87380273	1.08470634	0.96667241	1.48670295
0.66197428	0.17491291	0.2013784	0.10312421	0.55435512	0.67755965	0.16354958
2.83134878	2.63715986	2.83649899	2.82810716	3.21646497	3.14731594	3.25709918
3.72273642	3.28350247	3.55157962	4.38519905	4.66896841	4.58823324	4.63374019
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.2690685	3.510113	3.60044435	2.77947982	3.02424428	3.64050881	3.66998979
3.75232298	3.62312868	3.83060807	4.05878628	4.32151766	4.26467716	4.42779451
0.82487932	1.03406325	1.07675374	0.97084669	1.35421906	1.51053045	1.45275442
3.54259436	3.35858733	3.48184069	3.40251075	3.81968787	3.85619011	3.80947176
0.02332782	1.00E-04	0.02863402	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03437246	0.04196542	0.03636999	1.00E-04	0.2227642	1.00E-04	0.30582669
3.89959564	4.10563033	4.15069689	3.00565094	3.28132176	3.37261793	3.53212564
3.43654367	3.8419211	3.82287433	2.53432782	2.59716614	3.30710235	3.30992005
0.24621678	0.5069027	0.50479802	0.75326573	0.25013614	0.69887713	0.94591798
2.94667725	2.64113232	2.72019608	3.05141774	3.30272889	3.13548554	3.11874405
1.35343354	1.48349227	1.16859447	1.70877626	1.96592727	1.39435553	1.35735204
3.31565763	3.31098019	3.45940664	3.37412314	3.47338584	3.44746739	3.58769038
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1682638	0.1595768	0.09213474	0.2614585	0.06871202	0.53408426	0.49318078
4.22877838	3.89084715	3.98485695	3.28074314	3.61464247	3.54917969	3.93307141
0.62088503	0.72910264	0.74217346	1.00E-04	0.30153739	0.38499135	1.00E-04
1.00E-04	0.04241523	0.03415636	1.00E-04	1.00E-04	1.00E-04	0.0702174
7.42597396	7.95829177	7.95695826	4.329713	4.84872861	6.04783904	5.62557153
5.18805592	4.45932516	4.30785253	1.96668858	3.01263485	2.68132059	2.70335484
0.16797796	0.08377056	0.11594538	0.32009747	1.04336655	0.4355886	0.09187
4.0808154	4.37119743	4.16440252	2.79833691	3.23266885	3.62764489	3.56794255
0.04366621	0.20865396	0.30387344	0.24967822	1.00E-04	0.15977889	0.26040702
1.00E-04	1.00E-04	0.00848418	0.10767201	1.00E-04	1.00E-04	0.1442133
1.00E-04	0.0138494	0.00580555	1.00E-04	1.00E-04	0.08090084	0.06063205
0.48148094	0.48726128	0.63635424	1.10823186	1.11341915	0.77428197	0.89354447
5.75314084	5.1874966	5.61186687	2.14774316	2.96240948	3.12055162	3.0801912
1.66492466	1.54870073	1.58132139	0.81038611	1.02539212	0.72965858	1.10975389
0.06083316	0.05558289	0.08873184	1.00E-04	1.00E-04	0.05269221	0.27576112
0.23127773	0.05163536	0.04937827	0.49215324	0.06092552	0.09648765	0.60849443
0.07265546	0.17761749	0.16526846	0.16999694	0.73471868	0.76079567	0.44109913
0.58026651	0.38629093	0.45349015	0.37509018	0.722015	0.57625614	1.12959175

1.00E-04	0.02042524	0.02513578	1.00E-04	0.4010351	0.101866	1.00E-04
0.57320631	0.26073336	0.19906205	0.21197359	0.11981507	0.35967207	0.23802362
4.6860712	3.97380916	4.31741001	1.41279372	2.45238325	2.62794234	2.72174766
2.01666443	1.59223113	2.03352466	0.84283552	1.45930793	1.39040972	1.3772697
1.61851337	1.01773435	0.95547376	0.94993633	0.98715812	1.0728617	0.86217713
0.30922684	0.27280174	0.22547306	1.00E-04	1.04778166	0.9499824	1.04337079
0.41774551	0.19205537	0.16637684	0.23926713	1.95374981	1.38857705	1.49572753
3.70139062	3.27651007	3.30355636	3.68432047	3.96989879	3.99717655	3.77398407
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02072325	0.0095007	1.00E-04	1.00E-04	1.00E-04	0.03446457	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08935136	0.30714343	0.03786789	1.00E-04
1.82046583	1.57722795	1.59990625	0.38708773	1.46642584	1.54820164	1.7770824
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05962185	0.00521165	0.01795877	1.00E-04	1.00E-04	0.13511746	1.00E-04
0.20706738	0.1213872	0.19724095	0.24221667	0.25659095	0.40528314	1.00E-04
0.2300174	0.03898723	0.06251407	0.08513605	1.00E-04	0.13721198	1.00E-04
2.06315325	2.20378202	2.30159078	1.96498938	1.87416998	2.12791001	2.11621121
1.61039013	1.03044973	0.69265909	0.27779883	0.56021464	0.84077155	0.35515492
0.35257014	0.11505076	0.06800272	0.13099775	0.44148272	0.58990082	0.60116226
2.68737964	2.26154177	2.31865905	2.41392944	3.06387823	2.74492619	2.47839734
2.00736773	1.80458675	1.92610912	1.98630638	2.46834546	2.44198564	2.3409116
2.02397323	2.04269096	1.99232578	1.03101007	1.67554917	1.60253922	1.61275837
2.74730554	2.63332459	2.39196654	0.25862193	0.87992556	0.72350759	0.8225062
1.39965692	1.5159831	1.41809905	0.22048533	0.27247234	0.36039102	0.35821333
2.00049012	2.72266087	2.67073637	0.22503858	0.18285992	1.02721603	0.71614184
3.5684481	4.13499201	4.01973841	1.31638991	1.71440453	2.8768514	2.84126855
4.01599506	4.73020998	4.79869029	1.32714956	1.96631425	2.94343952	2.60819909
0.51213542	0.58290861	0.51173189	1.00E-04	1.00E-04	0.15655233	0.20269782
3.64535634	3.29180236	3.10652171	0.3566261	1.08021438	1.13314999	0.83171793
4.32042998	4.60275055	4.65302143	1.4787348	2.15730043	2.57728507	2.42162146
2.03755158	1.51432363	1.30503874	1.00E-04	0.10645024	0.52565256	1.00E-04
4.28327067	4.06612944	4.20106362	1.99751435	2.38640792	2.60361285	2.64234327
3.32790036	2.68364083	3.48303179	2.34155031	2.4257588	2.17351736	2.17562475
3.32363681	2.76178513	3.18854056	3.85980365	4.27804879	4.12958227	4.12509694
2.02976211	1.90944424	2.33800333	2.6775575	3.129942	3.49749837	3.59617444
1.00E-04	1.00E-04	0.00462611	1.00E-04	0.10296564	0.131927	1.00E-04
3.96537733	3.59803858	3.8526009	2.42037242	2.51413942	2.62748011	2.64911997
4.25181662	3.98591805	3.77898261	3.25814063	3.77210558	3.68175084	3.78949501
5.7437381	5.25168937	5.35998301	5.2704355	5.30792907	5.18652311	5.4206735
0.5215588	0.26941329	0.244116	1.00E-04	0.60735972	0.15377357	0.76020444
0.03746021	1.00E-04	0.04185206	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21658363	0.05311977	0.13709571	0.21020447	0.06259662	0.32556498	1.00E-04
2.24984911	2.30644092	2.37717716	2.06099707	2.33881533	2.39502457	2.57374745

3.49492413	2.83783675	3.02281015	3.83248196	4.44648561	4.20451284	4.2938717
3.89553855	3.29409326	3.45367677	4.04664075	4.31125257	4.17751119	4.16028881
0.34159417	0.13361313	0.26153388	0.27429252	0.03514641	0.09070655	0.27790013
3.06076866	3.12338461	3.18407892	1.3545274	1.6687069	2.28032364	2.27212537
2.20351416	2.26224195	2.27142349	1.4532132	1.57550667	1.90570861	2.03298711
1.56181924	1.62656382	1.72688807	2.96124803	3.13802371	3.16102664	3.32137325
0.11479893	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18332214	0.09178315	0.12928363	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01824372	0.02819222	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0546883
1.00E-04	0.03731715	0.00552428	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11422611	1.00E-04	0.10059401	1.00E-04	0.21089579	1.00E-04	1.00E-04
0.4791113	0.32717624	0.413378	0.60746043	0.61339474	0.47292349	0.72881554
0.10539213	0.16359268	0.0993464	1.00E-04	0.3110334	0.04309514	0.26474463
1.00E-04	0.06439751	1.00E-04	0.78422162	0.70025616	0.58308643	0.4470785
1.84204303	1.74173072	1.78487938	2.24660284	2.42817859	2.48309698	2.73982588
4.6709851	4.89690683	5.13814121	2.71020615	2.81621984	3.45240462	3.25107278
0.62890703	0.34210846	0.46307409	0.8589497	1.2824665	0.70569207	1.13000386
2.04392296	1.92160487	2.16193574	2.49439752	2.95965188	3.09308612	3.11559728
0.04514576	0.02585949	0.10875888	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26418716	0.71211927	0.96050819	0.16899394	0.84708955	0.26462935	0.40362653
0.03013068	0.01326739	0.01171342	1.06315655	0.26931093	0.0693076	1.00E-04
0.04944537	0.04177701	0.04028753	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00603398	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2004729	0.54562643	0.47584784	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13695876	0.28940802	0.38484092	1.00E-04	0.09473845	1.00E-04	0.2015386
1.25222764	1.48043888	1.49467292	1.00E-04	0.44240672	0.79962804	1.04668356
0.32034923	0.30960414	0.45564824	0.19304367	0.07264471	0.34722245	0.03261109
4.58703806	4.99906693	4.93091646	1.57721072	2.32749116	2.84649999	2.69768846
0.30488252	0.07923197	0.09982849	0.62145272	0.14052882	0.25212898	0.7623096
2.75971775	2.81946914	2.76300189	2.88204481	3.11058626	2.98537664	3.16321251
1.64950645	1.34747826	1.50714752	1.83395071	2.06670696	1.67970865	1.71537395
2.08404603	1.76926363	1.78254179	3.73977464	3.95010131	3.96959316	3.96171251
3.90649867	4.31924942	4.19346137	2.37929152	2.48257106	3.31271695	3.39270768
3.89526862	4.11931185	4.08954742	2.74109675	3.30914485	3.48837985	3.5674871
0.43259276	0.13461854	0.30328857	1.44466802	2.04657308	1.47662135	1.25254104
4.72597373	5.01968509	4.95381583	2.94858395	3.38545167	3.92720313	3.97750413
2.43011827	2.21680284	2.30027108	3.12164249	3.00474834	3.07427277	3.03237502
4.27884005	3.66866698	3.75495418	5.5470993	5.60457683	5.4063522	5.33265183
2.53563777	2.27360373	2.35197791	3.06327951	3.30014353	3.18238267	3.28691444
4.90782614	4.47175817	4.56386975	4.82819818	5.16065649	5.11988358	5.0210035
2.7033246	2.30129531	2.44655122	3.49778976	3.62368209	3.50496436	3.67164876
0.1563515	0.09428663	0.07309086	1.00E-04	0.50461598	0.4133155	1.00E-04
3.90820439	3.50314929	3.67230113	4.11737267	4.37721247	3.83258039	4.14630654

2.80875145	2.782399	2.84230297	2.2440104	2.55728138	2.81117285	2.93912171
2.03515297	1.65067436	1.70594698	1.43692431	1.89469088	1.59450192	1.86896705
0.50665073	0.3066391	0.19212051	0.077755	0.31357417	0.22061243	0.30996907
6.54188557	6.12752807	6.3540611	4.74054504	4.49652014	4.51991605	4.7674267
2.43581578	1.77060902	2.18509091	3.58641058	3.74353579	3.70483379	3.82485433
2.4263586	2.58231529	2.65713661	1.80107594	2.5079737	2.38188731	2.46491609
0.11966319	0.0196944	0.13011183	1.00E-04	0.65965571	0.17596294	1.00E-04
0.49489468	0.39171618	0.42397115	0.38568654	0.86216507	0.71073682	0.74169277
1.00E-04	0.02384115	0.00875247	1.00E-04	1.00E-04	1.00E-04	0.11478868
4.47354502	4.88455892	4.88635	1.68083048	2.11215064	2.66951083	2.45727999
0.1575181	0.09843619	0.12027244	1.00E-04	0.48611184	0.26014803	0.35961822
3.25902208	3.27363545	3.37093703	3.20002708	3.84377912	3.88820582	3.87584179
2.10711133	1.5767739	1.55850335	3.06161766	3.05662628	3.09558637	3.23298867
0.28632188	0.20870438	0.15687154	1.00E-04	0.05928396	0.19789569	0.29308794
0.29247745	0.17265294	0.2445912	0.88780111	0.71821426	0.63020283	0.76192728
0.60360269	0.28337453	0.26539141	0.24967822	0.70032831	0.79809018	0.86654704
0.32721068	0.23135903	0.31235828	0.64324012	1.43494356	1.81109067	1.90252206
3.51033636	3.0033112	3.17364446	4.28359293	4.61966144	4.60538568	4.48669476
2.66207663	2.5143706	2.64450361	2.74276314	3.17506033	2.85392377	2.90749662
0.03524991	0.01290668	0.01215953	1.00E-04	1.00E-04	1.00E-04	0.07432665
0.23940366	0.13113957	0.02860108	1.00E-04	1.00E-04	0.11824062	0.1187286
0.8668044	0.62689456	0.73988671	1.44721082	1.46353425	1.03052007	1.38745174
5.19796384	4.94010121	5.04351252	5.15700342	5.41694639	5.51418486	5.51206124
2.82615598	2.52127098	2.60500383	3.23381832	3.6960417	3.74972623	3.66542766
0.51058794	0.40253243	0.42210904	0.6949763	0.44952817	1.22218172	1.36137086
3.82413868	3.18966982	3.23242952	3.81909558	4.19309479	4.15553337	4.27650598
1.00E-04	1.00E-04	0.01226755	1.00E-04	1.00E-04	0.07865886	1.00E-04
0.03004236	1.00E-04	0.03586899	1.00E-04	1.00E-04	0.14406677	1.00E-04
2.04727206	3.08400894	2.31915488	0.96403425	1.19377332	1.41293326	1.4123932
2.15049187	2.68003423	2.61004674	0.78881822	1.35209856	1.59480901	1.6116183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00680598	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03291769	0.12039579	0.4805994	0.43755083	0.815431	0.41701894	0.91755245
1.00E-04	0.00672615	0.00484402	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04323416	1.34158004	1.26510135	1.00E-04	0.16579376	0.43547827	0.40261092
0.04903026	0.01766704	1.00E-04	1.00E-04	1.00E-04	0.06470039	1.00E-04
1.65742257	0.90724484	1.12598797	0.45283161	1.31477296	0.73414021	1.42137995
0.0821419	0.02271004	0.03899053	1.00E-04	0.37336326	0.47886672	0.59896247
0.10883236	0.05476627	0.05905847	0.59893573	0.09094164	0.48519317	0.09080648
0.46422757	0.44908919	0.56989664	1.00780457	0.85325075	0.59971448	0.39673445
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00635917	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05383925	0.00672652	0.02370027	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.05019258	0.06640941	0.0996442	0.15365949	0.37057535	0.73780149	0.43432334
0.02545605	0.00771193	0.00332048	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19868914	0.43126352	0.33987763	1.00E-04	1.00E-04	0.19138824	0.1758737
1.34541531	1.92548133	1.74280829	0.18167321	0.25960134	0.85561259	1.14635668
1.27771615	1.13011893	1.2561498	1.47976907	1.8027484	1.71548134	1.78228619
1.68378267	1.59472908	1.90468447	1.1543607	0.81791575	0.97750382	1.54357761
1.00E-04	0.00907924	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02257715	0.08437164	1.00E-04	1.00E-04	1.00E-04	0.08708764
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02842786	1.00E-04	0.14492571	1.00E-04	1.00E-04
0.15931621	0.17605119	0.14250828	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06578558	0.01094396	0.06747886	1.00E-04	1.00E-04	0.25168103	1.00E-04
4.13407581	4.46209537	4.38589369	2.44361023	2.70614962	3.2631798	3.22071849
0.70538886	0.76279546	0.87694793	0.70590253	0.74137011	1.69968096	1.22951793
2.17268773	2.30540206	2.18079231	0.08153597	0.5276603	1.0394962	0.78526047
1.00E-04	0.04959627	0.03310983	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65546792	0.87217658	0.80003325	0.67591428	0.77277151	0.70398882	0.82969994
1.00E-04	0.00479178	0.03640152	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00907128	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01739205	0.00838623	1.00E-04	0.17978835	0.08551468	0.08852911
1.00E-04	0.0025233	0.00294137	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02860577	0.00535532	0.09191143	1.00E-04	0.10553324	0.11552158	1.00E-04
0.09896929	0.46771837	0.61010073	1.00E-04	1.00E-04	0.20707312	0.36195449
0.06214494	0.00769249	0.01247853	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.60675893	2.35906323	0.67828764	1.00E-04	0.35555149	0.4026418	0.45640383
1.39750449	0.80527073	0.99107072	1.09461497	1.37968877	1.04299536	1.61959018
0.11043756	0.0869131	0.17948816	1.11906812	1.18441787	1.12840418	1.14680431
1.00E-04	1.00E-04	0.00832622	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10043978	0.03156176	0.04471583	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.30470606	5.44873426	2.05907624	0.73962542	1.28868474	3.25179259	0.98625271
0.02197834	0.02559603	0.04231409	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.81112815	3.79962913	4.0200477	3.99994091	4.08620169	4.48910414	4.62085212
0.5295911	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15377363
1.1799491	0.74539815	0.96731866	0.78625337	1.68389968	1.81974048	1.97410627
0.60192083	0.37234817	0.44012704	0.47695793	0.695793	0.84356405	0.95957415
0.77550345	0.44471732	0.65487	1.61833732	1.51538981	1.43755319	1.42492776
1.00E-04	1.00E-04	0.01560886	1.00E-04	0.14932034	1.00E-04	0.19549443
3.01432225	2.23091028	2.60987917	3.69261758	3.98904028	4.18186033	4.07992477
1.93242214	1.27490064	1.38886877	0.82538811	1.65911116	1.58727213	1.71198128
0.09633669	0.16185752	0.17024069	1.00E-04	1.00E-04	0.06048666	1.00E-04
1.00E-04	0.00612056	0.01227697	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0694551	0.03996622	0.05195884	0.25816404	0.1121294	0.08688598	1.00E-04
0.91519832	1.35399147	1.25714425	1.00E-04	0.09247105	0.4283089	0.30463353

0.09046942	0.06134302	0.19899261	0.54405027	0.21246872	0.34576341	0.57974747
0.47304266	0.78385276	0.68532894	0.4636652	1.00E-04	0.32293188	0.51643414
4.52569594	4.95265263	4.97768222	3.13383765	3.72600166	3.95286817	4.00997403
1.00E-04	0.00956662	0.03139195	1.00E-04	1.00E-04	1.00E-04	0.14356743
0.35919619	0.21805755	0.22130589	0.20840534	0.47861906	0.37100163	0.27829428
0.48939526	0.53685631	0.60840163	0.11310958	0.40007683	0.48021997	0.47288766
1.69106099	1.48626018	2.33349362	0.53811144	0.33255266	0.14011283	1.00E-04
1.00E-04	0.0345736	0.04389168	1.00E-04	1.00E-04	0.09248129	1.00E-04
0.81026532	1.84904702	1.79458508	0.32883258	0.03514641	1.08175002	0.77256827
0.80426717	0.78683698	0.91541648	0.48423001	1.11704308	1.1776671	1.34522375
1.00E-04	1.00E-04	0.01154983	1.00E-04	1.00E-04	0.10310968	0.09071314
0.02118002	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10608912	0.08059914	0.09114867	1.00E-04	0.15589597	1.00E-04	1.00E-04
0.06580414	0.04237223	0.05719582	0.10579026	1.00E-04	0.06017782	1.00E-04
0.21816391	0.22131197	0.18541817	1.00E-04	0.33782298	0.50683956	0.72764383
1.23819355	0.76903179	0.98903743	1.37342275	1.35951498	1.76809454	1.72038323
0.5402853	0.67504809	0.67590968	0.61523728	0.54658259	1.14909238	1.23565782
2.4762673	2.02410748	1.91212013	1.7138128	2.27245225	1.78920778	1.61046037
1.00E-04	0.02649659	0.04486654	0.37823958	0.80803828	0.7153959	1.12820353
0.45264673	0.70901397	0.75175374	0.08639084	0.15690676	0.26169071	0.22247196
0.23240428	0.29591233	0.27593512	0.0661705	1.00E-04	0.08853156	0.13577386
0.03138674	0.08580067	0.04246624	1.00E-04	1.00E-04	0.32309541	0.31571628
1.83584086	2.34085772	2.03485717	2.16471404	2.30475631	2.14941677	2.37469841
1.00E-04	1.00E-04	0.0203207	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08734393	0.10361464	0.08805953	0.31545041	0.747056	0.3637769	0.7990575
0.03043711	0.06427416	0.06742758	1.00E-04	0.14246797	1.00E-04	0.25440468
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02441057	0.03654575	0.05130898	1.00E-04	0.22946227	0.09110288	1.00E-04
0.04979807	0.03371013	0.06246885	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57396012	0.69334693	0.76196572	0.84094192	0.30901203	0.53616737	0.74936333
3.06083118	3.54837767	3.48595607	1.55049554	2.00117935	2.67225193	3.04173875
0.01766856	0.01201968	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52284385	0.39304428	0.35381498	0.90127502	1.07476919	1.05689314	1.23884425
1.17564084	1.49789688	1.3724868	0.13500814	0.15843334	0.34240601	0.44789211
1.00E-04	0.02459827	0.00894173	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00786985	0.03619718	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88567975	0.24678815	0.14691438	0.14344852	0.16428198	0.39216508	0.55761943
0.06754542	0.03309074	0.03592738	1.27269561	1.61500363	1.23047256	1.34576128
0.01121859	0.19141455	0.07286261	1.60675738	1.51643983	2.40236684	2.05067096
1.00E-04	0.00941789	0.02859102	1.00E-04	1.00E-04	0.10084711	1.00E-04
0.06878593	0.1887855	0.17046957	1.00E-04	1.00E-04	0.37994109	1.00E-04
1.00E-04	0.02588788	0.00690352	0.86462094	0.54178697	0.14697355	1.00E-04
1.64070522	1.51947118	1.73590721	1.24512207	0.94086261	1.63097405	1.69558273

1.00E-04	0.00594497	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11972279	0.05890082	0.08962537	0.15203124	0.32329427	0.80789045	0.66505302
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21127829	0.03209488	0.17746834
0.07162543	0.22924045	0.12787001	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01956608	0.01535083	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04786815	0.27972389	0.16892371	0.27721501	1.00E-04	1.00E-04	1.00E-04
3.58402556	3.4036897	3.75823587	4.05070186	4.57289082	4.71867921	4.79666651
0.04516838	0.00985658	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05213906	0.02383711	0.03737326	1.00E-04	1.00E-04	0.02434729	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01111509	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56956483	0.96771811	1.0063775	1.28339077	2.05718157	1.75342766	1.50795819
1.8437307	2.21424161	2.17847515	0.30944359	1.02546007	1.26455243	1.20374938
0.01642996	0.0096211	0.02112795	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10803837	0.05616987	0.08527669	0.2319613	0.63511521	0.09204082	0.77236276
0.14473325	0.04369436	0.08405812	0.48294353	0.71128482	0.35851829	0.44977658
4.66206843	4.43829755	4.64521835	4.51183829	5.08869847	4.91323469	4.95000378
0.10447829	0.29732117	0.24009001	1.00E-04	1.00E-04	0.12530284	1.00E-04
0.96152813	0.89291681	1.03079551	0.76087178	1.33272002	1.36400578	1.39074041
0.59291889	0.85009143	0.65357503	0.1288082	0.22524267	0.13963964	0.14019981
0.03464356	0.11793898	0.10453863	1.00E-04	1.00E-04	0.06310802	1.00E-04
1.06469853	1.44895931	1.46069554	0.23072896	0.63266138	0.99922444	0.59057651
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16326763	0.05229284	0.19124141	0.46178894	0.32001985	0.2521856	0.70997298
0.0691527	0.17463951	0.18388034	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14093757	0.15130191	0.25061149	0.87013972	0.81447493	0.64604555	1.17176253
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90280807	0.53360006	0.76725644	1.39941351	0.76242062	0.76135107	0.63326701
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76077113	0.44644581	0.77739592	0.62647513	0.70062224	1.06096248	1.15103357
1.00E-04	1.00E-04	0.03555312	1.00E-04	1.00E-04	0.16990146	0.17646379
0.33822645	0.36426661	0.2667908	0.16167299	1.00E-04	0.04727185	0.2201882
2.46169455	2.64154753	2.56979226	0.94595412	1.13428771	1.64456115	1.82562016
1.00E-04	1.00E-04	1.00E-04	0.17839311	1.00E-04	0.04750725	0.14961494
0.06198174	0.08811189	0.04654358	0.39284075	0.18736902	0.78696078	1.00488572
0.01989636	0.06495885	0.12553818	1.00E-04	0.20822573	0.23035534	0.32131472
1.00E-04	0.02971072	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0480166	1.68211945	1.40845326	1.00E-04	0.24402424	0.62529878	0.69484764
3.89759709	2.38847586	2.56806706	4.52981702	4.7224891	4.21358006	4.20454314
1.31850018	0.86278989	1.01297448	1.69944683	2.19776966	2.31086033	2.1647329
1.36065969	1.23472446	1.32268832	1.23412377	2.22012634	2.39016035	2.51925236
1.00E-04	0.02803867	0.0302054	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.12417432	0.05194018	0.02172607	1.00E-04	0.14082904	0.17425205	0.08979015
1.00E-04	1.00E-04	0.02397004	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0486722	0.0118792	0.04676782	0.06305088	0.06020737	1.00E-04	1.00E-04
0.19673847	0.158408	0.18486935	0.33171866	0.21262057	0.28939213	0.17900125
0.29228235	0.15472739	0.20604926	1.00E-04	0.08049655	0.05697194	0.11016559
0.06612965	0.03078471	0.08528521	1.00E-04	0.25269341	0.05368861	0.35500355
1.00E-04	1.00E-04	0.01233267	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17784565	0.11774972	0.10829958	1.00E-04	0.21371015	0.23434417	0.38611323
5.01973396	5.10215289	5.0090137	2.95748816	3.57747479	3.75488307	3.88716353
0.07980495	0.08129083	0.13013832	0.54713146	1.00E-04	0.47766389	0.22703177
0.10719873	0.07604641	0.09544946	1.00E-04	0.15640833	0.22807343	0.16635427
1.00E-04	0.01136633	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27136521	0.25543194	0.32015347	0.21020451	0.32290551	0.28685704	0.66736547
2.07518339	2.39127957	2.29470217	0.71416193	0.89094779	1.99937665	1.86431822
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13951502	0.13612965	0.81997924	0.54494022	0.50428141	0.47400347
2.64231552	2.56561835	2.51919238	1.4643346	1.49880987	2.05494338	2.15302817
1.9967494	2.134637	2.26972363	0.58892307	1.41448458	1.55509528	2.04288646
2.24873024	1.53437269	1.83635558	0.6767745	0.58335072	0.81733672	0.91459344
0.05656475	0.00610521	0.01323825	1.00E-04	0.09594659	1.00E-04	1.00E-04
0.04761134	0.02059921	0.05422246	1.00E-04	0.49150168	0.36154375	1.00E-04
0.2377744	0.17916427	0.11145966	0.08380203	0.15506558	0.39783177	0.677555
3.08636878	3.50150883	2.24106649	0.72941004	1.03456247	1.52665074	1.4046362
0.05458293	1.00E-04	0.0211948	1.00E-04	1.00E-04	0.12122252	0.07788465
0.02783579	0.00361413	0.00490511	1.14282783	0.4457477	0.96583374	0.51524236
0.19631076	0.39830847	0.42638698	0.79860148	1.21539161	1.31488505	1.71766547
2.74347971	2.87144946	2.94388713	2.46444097	2.70775683	2.60410012	2.87681697
1.11052267	0.83852106	1.0885307	0.1589679	0.43678455	0.06343986	1.00E-04
0.34345489	0.34419692	0.26614187	1.0317112	0.6927166	0.96704559	0.90244559
0.05856922	0.01073513	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08676656
3.59926189	3.9999058	2.20190342	1.78902022	2.27958287	3.01808264	3.16334109
0.02721494	0.06194514	0.02113338	1.00E-04	1.00E-04	1.00E-04	0.1539079
0.95489764	1.30511805	1.22124297	0.19370881	0.3194667	0.74870322	0.5487346
3.62456408	2.83487536	3.00394776	1.06055759	1.67347086	1.42499323	1.63628852
1.00E-04	0.01401642	1.00E-04	0.46294337	1.00E-04	0.35372151	1.00E-04
2.68314701	4.38618429	3.24778861	1.19467941	1.22235489	3.19593178	2.74847604
2.17485203	1.89987796	2.05169092	2.330108	2.78554231	2.80375192	2.60840853
0.30235312	0.3027607	0.24954964	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01283004	0.19214092	0.21366679	0.15203124	0.29363982	1.00E-04	0.07196337
1.00E-04	0.03426122	0.00499524	1.00E-04	0.07273092	0.11722657	1.00E-04
1.35813558	1.21817226	1.44478801	1.31789439	1.82074126	1.8636453	2.26467813
2.30181234	2.37823627	2.40115629	2.06687321	2.5594207	2.67009821	2.45480667
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13458225

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03583604	0.00755377	0.02850385	0.22503858	0.09169997	1.00E-04	0.24796684
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.107837	1.00E-04
1.00E-04	0.01482001	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04278013	0.02219972	0.04851996	1.00E-04	1.00E-04	0.05802544	1.00E-04
1.0466579	0.70086761	1.26841456	2.9667333	2.98281425	3.1465366	3.52443718
0.08887422	0.08728968	0.09705102	1.00E-04	1.00E-04	1.00E-04	0.07776456
0.57113045	0.28608859	0.45263256	1.88054408	1.60083781	1.35812303	0.84848285
1.23279213	1.07511987	1.19648295	0.87153855	1.643641	1.57158817	1.60750428
0.18266715	0.22240924	0.15453437	1.00E-04	0.16953552	0.26128005	0.14235037
2.55175577	1.94771048	2.57371416	0.62972856	0.74661065	0.68438918	0.94644409
0.12342137	0.07254943	0.11373542	1.16129833	1.67016001	1.86406317	2.10208816
0.46603828	0.55205204	0.47100911	1.00E-04	0.11006943	0.51174228	0.77784712
2.89263013	3.32591127	3.21266595	1.44983255	2.1080416	2.39033012	2.50576584
0.06246485	0.01653803	0.03344927	1.00E-04	1.00E-04	0.2824095	0.13499434
1.28979551	1.083388	1.2886876	1.2489117	1.70191489	1.96832156	2.16885432
0.03629288	0.04440754	0.03681749	1.00E-04	1.00E-04	1.00E-04	0.12067792
1.00E-04	1.00E-04	0.00882164	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49641737	1.41348114	1.29797609	1.00E-04	0.29750959	0.72698025	0.28693109
0.81997186	0.66297166	0.69594482	0.74049222	1.29177193	1.46943684	1.55237541
2.07964798	1.86086828	2.10311356	1.65091377	2.55761533	2.85210372	2.97899892
0.18598291	0.27536495	0.21687687	1.20690342	1.57649772	1.52442688	1.69658559
0.0454477	0.01236619	0.00929404	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11031502	0.18006542	0.25554218	1.00E-04	1.00E-04	1.00E-04	0.20188411
2.56149044	2.23371344	2.45137744	2.70717852	3.07655227	3.00294194	3.25834152
0.11072454	0.04157662	0.11248176	1.00E-04	0.22357683	1.00E-04	0.398471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38460155	1.24823141	1.38745814	1.56767695	1.46768854	1.71292898	2.0455346
0.23520811	0.16275426	0.12799955	0.09600186	0.17684126	0.09162814	0.05709322
0.68976048	1.0567192	1.03259325	1.00E-04	1.00E-04	1.00E-04	0.26915622
0.46800674	0.29361772	0.30191621	0.56963095	0.30517146	0.82731206	0.97037935
1.00E-04	1.00E-04	0.01730432	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02403756	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28434696
1.54823707	1.07713977	1.25571106	1.53286284	1.97309868	1.79332092	2.01902642
0.47515001	0.57384753	0.72967308	1.00E-04	1.00E-04	0.13800704	0.40903665
0.38654082	0.58711116	0.45224227	1.00E-04	0.09939342	0.04830588	0.0821432
1.00E-04	0.04598314	0.01602052	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08849148	0.66454691	0.72233377	1.32342689	1.02507386	1.59316617	1.26390696
0.09576544	0.03312587	0.05557022	0.15388571	0.13788342	0.25088192	0.32224787
0.34643024	0.51464918	0.79945834	3.22645092	3.83618963	4.36641575	4.31866972
0.41748156	0.55381218	0.43226998	1.00E-04	1.00E-04	0.12435777	0.19337995
0.7480858	0.67141238	0.82179401	0.7145575	0.90455042	0.4787528	0.68269206

0.15601059	0.09151027	0.06392241	0.08025885	0.13927271	0.0620893	1.00E-04
0.13282438	0.05381094	0.06012321	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5412431	1.02779214	0.98257032	0.56591154	0.19881239	0.57440694	0.6759883
0.50334902	0.36403745	0.25546503	3.69268381	3.41955316	3.46638283	3.05958754
0.0132028	0.01027494	0.00793451	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18542702	0.05764774	0.07091932	1.09166267	0.7449738	0.65974445	0.25155635
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03897104	0.01553599	0.03640868	1.00E-04	0.22499231	0.24545255	0.39335249
0.60432901	0.44958693	0.46254465	1.021584	0.88164666	0.21696203	0.96221538
0.01903109	1.00E-04	0.00330171	1.00E-04	1.00E-04	0.04608444	1.00E-04
3.35913334	3.99973484	3.9961952	1.07370015	1.20254501	2.28211955	1.70965007
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00081381	1.33644632	1.23325224	0.14432545	0.44234724	0.71812367	0.60057027
4.17262665	3.56107106	3.70464826	4.91253325	5.43175585	5.10653841	5.16411886
4.65885575	3.91940355	3.97299754	3.21405474	3.73762272	3.32964086	3.43416297
4.17358798	4.0595817	4.18706634	4.34786751	4.64554716	4.7253547	4.83083232
0.75111168	0.48395346	0.88486916	1.12199536	1.40495496	1.13201656	1.40919216
0.12587627	0.02207755	0.04219684	0.49731573	1.00E-04	0.1741923	0.20501761
0.55122168	0.23195519	0.34782972	0.38031599	0.82896895	1.02187077	0.86009562
0.07376778	1.00E-04	0.01592574	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9393706	1.29212561	1.35324472	0.47798752	1.00E-04	0.49759373	0.8253729
0.02350375	0.01678411	0.03158449	1.00E-04	1.00E-04	0.03738711	0.08452291
1.00E-04	0.03735738	0.00977444	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03212193	0.04915321	1.00E-04	0.21225676	0.39444755	0.28282864
0.13341728	0.01258304	0.01277625	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01751425	0.00247549	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03462795	0.00281062	0.01355583	1.00E-04	0.14611193	0.09734433	0.3192664
1.00E-04	0.00679872	0.03363689	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14536401	0.08240449	0.00763531	0.76695766	0.6624335	0.32870344	0.41412871
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80840107	0.48673775	0.77147711	2.01272863	2.00824785	2.09183948	2.04391722
1.53051448	2.06901026	1.79276383	1.91270031	1.62765326	1.7154493	1.54279914
1.48409203	0.31666957	0.7095303	1.21674736	1.19136994	0.98550956	0.94631526
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34507468	0.47434026	0.40324205	1.00E-04	0.03162172	0.10634529	0.11400979
0.07083242	0.00433207	0.03535591	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5394689	0.43793336	0.62478719	2.00051498	1.85236944	1.8320487	2.20272292
0.23154588	0.23141658	0.30482025	0.7833465	0.9647899	0.68096481	0.86457473
1.99043725	1.80615577	2.11348543	2.3215797	2.17250118	1.93189005	2.42078248
1.23939249	1.4950856	1.40373098	1.00E-04	1.00E-04	0.12057602	0.46359327
0.3657331	0.44272345	0.31578298	0.16163727	1.00E-04	0.31602508	1.00E-04

0.13347088	0.12717567	0.08715399	0.32540202	0.90485854	0.21164153	0.65030893
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16887745
1.00619064	0.99982204	0.98746911	1.00E-04	1.00E-04	0.20137449	0.35483423
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18713683	0.10427196	0.11546206	1.00E-04	0.47477425	0.29927579	0.23791696
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00832146	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14112324	0.13305427	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46393352	0.2854696	0.24731093	0.18322119	0.89306993	0.83476707	1.00258368
1.00E-04	0.03413584	0.04106749	1.00E-04	0.14256278	0.11312764	1.00E-04
0.20347427	0.01060586	0.026669	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06967362	0.02877623	0.19583365	1.00E-04	0.55630387	0.33526221	0.18461419
1.00E-04	1.00E-04	0.00285874	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03457603	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01000233	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0191998	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57740114	0.31756083	0.33469674	0.67525751	0.37616942	1.15177058	0.88548341
0.02037088	0.05768187	0.04317106	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0059348	1.00E-04	0.15561278	1.00E-04	1.00E-04
0.02586721	0.06441486	0.0950766	0.14708098	1.00E-04	1.00E-04	0.24130363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1131538	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17767293	0.15292964	0.31560318	1.45619294	1.67238423	1.7204923	1.77300629
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01859956	1.00E-04	1.00E-04	1.00E-04	0.07108446	1.00E-04
3.34587929	2.99059	3.0685213	3.67305881	3.9313775	3.81946812	3.91624136
0.76886844	0.11293932	0.29438871	0.64786717	0.69208204	0.42450805	0.39919619
0.41045938	0.56475739	0.3659772	1.00E-04	0.0760537	0.05204825	0.12059542
0.21895883	0.16374191	0.28583015	0.15149614	1.00E-04	1.00E-04	0.43105115
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05465939	0.01282187	0.01801588	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6957109	1.10304044	0.56111052	0.55509613	0.43960074	0.56193485	0.49610382
2.3809151	2.28964005	2.28720383	0.1682166	0.96880922	0.47924552	0.83480757
2.01363903	1.79825429	1.98344775	0.52345464	0.96208312	1.42501924	1.64431009
0.72308612	0.49356054	0.7174445	0.27564079	0.95463367	0.58881257	0.89695468
0.55502657	0.43543506	0.50809987	1.94951798	1.78360629	1.88165025	2.02801702
0.05447404	0.02316168	0.01284046	1.00E-04	0.09762845	1.00E-04	1.00E-04
1.2660793	1.11457245	1.17932441	1.19212248	1.65541164	1.40602622	1.50269563
1.2787851	1.10610579	1.18017547	1.1503484	1.79169832	1.56407135	1.79537527

2.84521983	2.44140373	2.76384598	3.03503356	3.61696723	4.17447474	4.19867436
1.00E-04	0.00668234	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17388821	0.17749431	0.14805796	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05848008	0.02708623	0.04428085	1.00E-04	0.41273503	0.08095578	0.21137503
0.32507969	0.42443025	0.63673529	0.58713191	0.82559894	1.03326408	1.21590502
0.05857563	0.02113481	0.10663873	0.42791715	1.00E-04	0.19941709	1.00E-04
0.37705324	0.08188059	0.08582503	0.16694953	0.07069346	1.00E-04	0.28868772
2.04323196	1.88358904	2.00143956	0.74517633	0.58028167	0.6784123	0.85397058
0.96894797	1.15863891	0.97754307	0.38783011	1.00E-04	0.61067227	0.52206859
0.02523322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08313929	0.0683133	0.06236336	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43538648	0.20122721	0.32478685	1.00E-04	0.06085639	0.02484949	0.22341751
1.00E-04	0.00454359	1.00E-04	1.00E-04	0.14050578	1.00E-04	1.00E-04
0.60946303	0.46676403	0.50686403	0.16783061	0.6095572	0.46246802	0.56081189
0.05949669	0.13085902	0.20823988	0.15115191	0.31701607	0.2268616	0.07294462
0.33154748	0.594566	0.68118676	1.00E-04	1.00E-04	0.13957333	0.0549949
0.18476544	0.22115991	0.28848101	1.00E-04	1.00E-04	1.00E-04	0.04910659
2.86203799	2.83235718	2.94100554	2.66283011	2.8187414	2.95753102	3.32076338
0.10832258	0.04584406	0.12251557	0.22884814	0.21308181	0.25803572	0.20498716
1.00E-04	0.01112815	1.00E-04	0.15162171	1.00E-04	1.00E-04	1.00E-04
0.16444547	0.02525027	0.07536187	1.00E-04	1.00E-04	0.08040972	1.00E-04
0.19556667	0.11874793	0.18405067	1.00E-04	0.34172661	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09048062
2.07103036	2.20635241	1.96783325	2.55559156	2.7563308	2.71607606	3.24910837
1.31255966	0.86918245	0.81354857	1.41403476	2.09306209	1.88980177	1.8645917
1.00E-04	0.02774636	0.08190118	1.00E-04	1.00E-04	0.22699966	0.09715504
0.16987123	0.03602213	0.05418275	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00433645	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20575729	0.35840951	0.27287608	0.15538904	0.09517999	0.29445016	0.18243112
0.37942185	0.24975542	0.47557154	0.60073853	0.67815144	0.80881093	0.974367
0.34876376	0.95505633	0.88958505	0.20988628	1.00E-04	0.70070994	0.53455132
0.30815102	0.37817009	0.28773198	0.70077446	1.01583542	0.39205966	0.87132501
0.09666881	0.13982099	0.11102541	1.00E-04	1.00E-04	0.08622605	1.00E-04
1.00E-04	0.00566938	0.00971633	1.00E-04	0.11464816	1.00E-04	1.00E-04
0.41397705	0.54189429	0.61236477	1.00E-04	1.00E-04	0.06577109	1.00E-04
0.08232451	0.04857329	0.08858055	1.00E-04	0.19145075	1.00E-04	1.00E-04
0.06573431	0.19834961	0.17679683	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0983315	0.07666023	0.10632644	0.35837631	0.11177859	0.08768492	0.16783188
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03703606	1.00E-04	0.02869361	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02981363	0.01666293	1.00E-04	1.00E-04	1.00E-04	0.38392301
1.00E-04	0.01210397	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03329228	0.06900064	1.00E-04	1.00E-04	0.12983124	0.45984971

2.4065447	2.66054935	2.48978498	3.51546402	3.40297349	3.60832494	3.66995472
0.08279621	0.04038173	0.08911421	1.00E-04	1.00E-04	0.16118875	1.00E-04
0.03525529	0.18214047	0.19488802	1.00E-04	1.00E-04	0.4285458	0.17755779
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1864457	1.00E-04	1.00E-04
0.41085508	0.32381445	0.28762503	0.37469701	1.00E-04	0.17200616	1.00E-04
0.1206325	0.1066232	0.19891683	0.48622924	0.15510562	0.08022033	0.35253323
0.03037475	0.00831852	0.0062721	0.61134594	0.55055716	0.36803503	0.70061051
1.00E-04	0.02180638	0.06448053	1.00E-04	0.28662193	0.18303327	0.23184808
0.1616927	0.02826237	0.20148157	3.0918695	2.976373	2.04181611	2.69092459
0.12909976	0.03798184	0.02108518	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88935431	2.51837018	2.51906746	0.09754868	0.38081887	1.01781355	0.84145204
1.00E-04	0.03861123	0.02163925	1.00E-04	1.00E-04	0.06637523	1.00E-04
0.11160828	0.23679939	0.15829844	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.00626911	2.17061669	2.21088704	1.27295424	1.84614378	1.96717258	1.99053164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08368367	1.00E-04
1.37382686	1.85226423	1.94430949	0.15931407	0.28690601	0.64484295	0.73955244
1.00E-04	1.00E-04	0.00681747	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64376859	0.30390383	0.17659523	1.36492987	1.23298834	2.02115683	2.22027941
1.00E-04	0.02605245	0.08581988	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76504063	0.87840364	1.21836138	0.66023579	0.29957918	0.26747265	0.19725242
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13964673	0.21811448	0.28058291	0.08422589	0.17196176	0.09110288	0.4308535
1.00E-04	0.01565837	0.06616913	1.00E-04	0.2818354	0.21170507	0.1758737
0.29551964	0.26817142	0.34006566	0.09754868	1.00E-04	1.00E-04	0.07123741
0.06352332	0.07035273	0.07081775	0.2335344	0.2431998	0.63250784	0.29453688
0.24678584	0.30017791	0.18666392	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27473867	0.31711576	0.25297335	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06663938	0.02890707	0.08264263	0.52698715	0.14409708	0.6364293	0.27660107
4.36589815	4.84827922	2.44271035	1.32210706	2.82603169	3.74856004	3.3318676
1.17795485	0.81233312	0.53411556	1.15878552	1.021658	1.65227265	1.02234775
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0301277	1.00E-04	1.00E-04
0.04465666	0.02577235	0.0411196	0.12575505	0.14745587	0.39049045	0.41724867
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11740095	2.90963393	2.76549595	0.33328306	0.71725113	1.49168823	1.96635799
0.77095496	0.4156116	0.49041378	1.31082424	1.33471385	1.09111253	0.77496054
1.00E-04	1.00E-04	0.00555806	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14126689
1.00E-04	0.00518964	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34410305	0.83944047	1.13703515	1.31056684	1.23697313	1.09282051	1.56961321
0.07435379	0.08854155	0.07454308	0.10124277	0.03960299	0.07567227	0.22074091
0.53004372	0.36974319	0.52259028	0.85061317	1.41190546	1.15471473	1.33368024

0.73317943	0.31320946	0.40837583	1.00E-04	1.00E-04	0.06924722	1.00E-04
1.03716864	0.86309955	1.02787552	1.0718167	1.15323004	0.98021143	1.26948635
0.10404845	0.1450039	0.22863517	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.9715402	1.64490976	1.79267715	0.37508338	1.33276411	0.48692073	0.820081
0.52030936	0.19286915	0.25274757	1.00E-04	0.71190607	0.41952496	0.66059081
2.43454517	2.49371987	3.24887816	4.04645851	2.59606742	3.47073448	3.59378046
1.00E-04	0.00869372	0.13702779	1.00E-04	1.00E-04	0.08016639	1.00E-04
0.13286814	0.08533605	0.1309255	0.20029226	1.00E-04	0.26348275	0.0489704
2.53496714	2.61393259	2.65802605	4.88805874	5.35699027	5.44759952	5.1258126
0.29237555	0.3332693	0.37069316	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0758589	0.17644357	0.2312516	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.54342115	3.71719612	3.7197032	2.62751423	3.31289854	3.38217553	3.30311704
0.05202798	0.05387967	0.03436794	0.1894412	0.20792201	1.00E-04	0.20553836
1.59547359	1.68236066	1.60985539	0.97238923	1.12965025	1.42192729	1.26251053
1.25869886	1.62048021	1.59684025	0.14302802	0.49281107	1.42663959	1.29410743
1.00E-04	0.01599663	0.01241727	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.29130326	1.9848037	2.10461383	2.78150396	2.71018675	2.80891832	2.91789676
0.03575958	0.12622175	0.09576439	0.35818901	0.53033831	0.46103979	0.72466516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03849136	0.02837387	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05977643	1.00E-04	0.00908132	1.00E-04	1.00E-04	1.00E-04	0.20470165
1.00E-04	0.01293309	0.04486637	1.00E-04	0.31475985	0.32831329	0.62253629
0.026131	0.02223056	0.07482756	0.11454254	0.18512772	0.66629097	0.55134646
1.00E-04	0.02955303	0.06057305	1.00E-04	1.00E-04	0.37772487	0.14143686
0.15401259	0.13531196	0.14941887	1.00E-04	0.51778847	0.07644327	0.5461228
0.01652769	0.03421694	0.00610421	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09917958	0.02633767	0.05433413	1.00E-04	1.00E-04	0.09220765	0.19928574
0.46484913	0.10848357	0.18422378	1.3921909	1.93080729	1.85636096	1.92434508
0.10055778	0.07063217	0.05601446	1.00E-04	0.08340791	0.05990572	1.00E-04
1.90748903	1.39265324	1.52785565	0.28946492	0.4141412	0.27008675	0.52422348
0.07298556	0.04614339	0.08194095	0.31526444	0.37708323	0.75062464	0.76873379
0.04913896	0.07186707	0.07354779	1.42169358	1.55751477	1.14411823	1.72885737
1.05589563	1.41632539	1.22697735	0.51837816	1.05295924	1.48769121	1.46046108
1.00E-04	0.04058179	0.03026415	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01685033	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28975145	0.51440318	0.05073558	1.00E-04	0.81196393	1.82386609	0.12218249
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11734702	1.00E-04	1.00E-04
2.49465759	2.87959205	2.74206901	2.61932901	2.29975947	2.44002523	2.55178525
0.40899736	0.22124143	0.16560892	0.19523508	0.10980213	0.16430907	0.44834249
1.00E-04	0.03078485	1.00E-04	1.00E-04	1.00E-04	0.05311467	0.32358892
1.00E-04	0.01350877	0.02040573	1.00E-04	0.12966473	0.15613132	0.7074825
0.0203242	1.00E-04	0.00899563	1.00E-04	0.1075989	1.00E-04	0.3632057

0.46220024	0.54091043	0.46667175	0.18625541	1.00E-04	0.11623256	1.00E-04
0.03410306	0.05953463	0.03280275	1.00E-04	0.15623717	0.11166307	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07376739	1.00E-04
0.69893053	0.43927833	0.52994386	0.78123172	1.61929612	1.26163512	1.39024374
1.42070702	2.03601657	1.98877295	1.30294967	1.26949727	1.6422585	1.75128137
0.99141987	1.32827314	1.38261806	0.33822968	0.16592224	0.76388119	0.81804435
1.88354605	2.71296559	2.5794933	0.08400379	0.99268445	1.5550804	1.69996985
0.51526783	0.33000584	0.30401874	0.4870077	0.68200263	0.99462162	1.07744669
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39567461	0.11506253	0.07050425	1.00E-04	0.31073558	0.05528155	1.00E-04
0.2962137	0.14067238	0.19666162	0.52610614	0.78937193	0.51016152	0.93072771
1.00E-04	0.01075757	0.00768532	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01906413	0.06932623	0.11493905	1.00E-04	0.29697101	0.34442697	0.21458325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02368601	0.03693197	0.03549491	1.00E-04	1.00E-04	0.195422	1.00E-04
1.00E-04	0.01621591	0.00518523	1.00E-04	1.00E-04	1.00E-04	0.12954069
0.09223281	0.07001628	0.12541304	0.25438118	0.140184	0.84713679	0.73283373
0.03058626	1.00E-04	0.00793359	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0866964	1.00E-04
0.42834636	0.39378872	0.70710462	1.68274523	2.42959057	2.58528569	2.35730672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00722029	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93593993	1.3812524	1.48984598	0.23572193	0.3393095	0.75352737	0.75393755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11088508	0.07159818	0.07772222	0.27774349	1.00E-04	0.05538426	0.17445484
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04057347	0.12810483	0.25633448	0.3151739	0.70007464	0.67349037	0.73525624
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36313644	1.61106129	1.7391091	0.7961022	1.07226849	1.37310415	1.37588734
0.16663018	0.10305555	0.11461653	0.13626473	0.12556222	1.00E-04	0.12350852
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15036324
0.02028666	0.04253075	0.0353584	1.00E-04	1.00E-04	0.08027435	1.00E-04
1.34012652	1.29844924	1.50167789	0.13543277	0.68326275	0.31140315	0.43010462
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3202052	1.00E-04	1.00E-04
0.13947729	0.00427154	0.03151297	1.00E-04	0.11210008	1.00E-04	0.40694781
1.00E-04	0.01570235	0.00710318	0.10312421	0.03725476	0.1612253	0.26367431
1.88660058	2.29600202	1.85808007	2.0102538	2.18986066	2.27273711	2.45280798
1.07905704	0.68234248	0.96589891	0.30306454	0.54982158	0.97494223	1.2497469
1.00E-04	1.00E-04	0.04035503	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01636593	0.03507683	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03044292	0.1064576	0.15113331	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01762139	0.05733191	1.00E-04	1.00E-04	0.03214679	1.00E-04
0.15478182	0.14578319	0.17936699	0.2025128	0.3236871	0.07722013	0.42302028
1.1179	0.58835643	0.80583171	1.57084549	2.08770857	1.84714798	2.14155589
1.45638909	0.89318999	0.8431967	0.61610352	1.65490539	2.31774452	2.35230831
2.52697062	2.03456036	2.02969068	0.58700576	0.90031194	1.01772132	0.70351948
1.60795581	1.63164413	1.29405773	0.19673328	0.17331008	0.04151252	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11977659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04861848	0.03095459	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38304719	0.21238419	0.27335499	1.00E-04	1.00E-04	0.05203689	0.10251689
3.42646028	1.98258079	2.04987714	0.4691496	0.76454163	0.22836379	0.3501812
0.07161191	0.01157604	0.01790563	0.16962102	0.15589597	1.00E-04	1.00E-04
1.00E-04	0.01752717	0.00757298	1.00E-04	1.00E-04	0.04482849	1.00E-04
2.06663496	1.74503705	1.8237284	0.23272763	0.27932899	0.25326012	0.85703679
0.53207674	0.60264083	0.22977792	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27175291	0.27365287	0.24846857	1.00E-04	1.00E-04	0.08939472	0.05392009
2.06990118	1.55284264	1.82493103	1.57155392	2.20753933	2.59326403	2.81016263
1.00E-04	0.0231204	0.00623733	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08232356	0.66068047	1.07678066	0.09411486	0.2622297	0.27561441	0.66083193
0.04562869	0.00588689	1.00E-04	1.00E-04	0.67143024	0.09748641	0.39785636
1.80726551	0.77357304	0.70183055	0.49344482	0.41133655	0.72252369	0.08144207
0.79060824	0.6970916	0.69320212	0.81003911	0.97522276	1.45705453	1.63869615
0.15654251	0.23226879	0.2491855	0.08422589	0.33631021	0.27756245	0.39604017
2.51981689	1.61729501	2.00924561	3.25556642	3.35249149	3.09055396	3.26136287
1.00E-04	0.04921678	0.04335372	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36755693	0.37296676	0.40089976	1.00E-04	1.00E-04	1.00E-04	0.121887
2.1609412	1.9405126	2.03121495	0.28547427	0.81038876	0.80247868	0.66390415
0.42919015	0.4116666	0.44126297	0.41364487	0.23960477	0.46756848	0.44281186
0.02430381	0.04964364	0.04307946	1.00E-04	0.34353182	0.02847773	1.00E-04
1.00E-04	0.15107841	0.26239945	1.00E-04	1.00E-04	1.00E-04	0.08272063
1.00E-04	0.0131751	0.00846587	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24055964	0.18040091	0.17614231	1.01027041	1.2169342	1.03281403	1.52401241
1.00E-04	1.00E-04	0.02703477	1.00E-04	1.00E-04	0.10677409	1.00E-04
1.00E-04	1.00E-04	0.00520489	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.48099885	1.9592578	2.28569769	1.14014274	1.67459312	1.4712939	1.93028794
0.13779766	0.08048842	0.02613873	0.21026502	0.53259399	0.23096368	1.00E-04
1.00E-04	0.00606405	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83115934	0.54438216	0.44475349	0.19479305	1.00E-04	0.08574917	0.10442797
0.37802112	0.08867732	0.18508516	0.11116944	0.36410289	0.20198511	0.14757528

1.71597648	1.25861677	1.8202533	6.38184846	6.56063886	6.71945043	6.86515716
0.1387944	1.00E-04	0.01498157	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01528483	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02443903	0.00910617	0.0502022	1.00E-04	1.00E-04	0.09476064	1.00E-04
2.19604707	2.26289364	2.00036241	1.54547835	1.83811377	1.91960886	2.2609885
2.31003606	2.62034175	1.58212801	0.27357156	0.53455746	0.77294221	0.64549735
0.18933235	0.16762413	0.19822543	1.00E-04	0.3136906	0.17259962	0.19756645
0.13504952	0.07835938	0.10825991	0.22319214	0.1864457	0.16338403	0.28492424
0.01789477	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40039146	1.17162835	1.43018973	1.65645956	1.7425869	2.17072353	1.98533258
2.68335023	2.54363869	2.53541448	0.31881224	1.36731505	1.41342885	1.57421753
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16702874	0.63715358
1.29018086	2.25127884	2.34114988	1.62743588	1.42468867	1.85017406	2.14076535
1.00E-04	0.0148848	1.00E-04	1.00E-04	1.00E-04	0.32418613	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35097473	0.29418056	0.22409516	0.42534936	0.41560367	0.56693209	0.11068392
0.04228202	0.00289485	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02768209	0.0345199	0.04834582	1.00E-04	1.00E-04	0.03829346	0.07285431
0.18489105	0.15846565	0.07283999	0.10510713	0.1682696	0.06957047	0.10571048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06706675	0.05131495	1.00E-04	1.00E-04	0.03020505	1.00E-04
0.13154001	0.00512811	0.03649138	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00539559	0.00331952	0.30776338	0.53213427	0.65112199	1.42446927
0.24110492	0.22351292	0.35308709	0.26925877	0.35097338	0.13233003	0.39555924
0.16484501	1.00E-04	0.05589203	0.12862716	1.00E-04	1.00E-04	1.00E-04
0.05203194	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21017161	0.11423249	0.12160446	0.38434808	0.03162172	0.7257808	1.00E-04
0.3259951	0.69032868	0.62999373	0.15931407	0.54979077	0.36729935	0.63912589
0.11418739	0.00383665	0.06654347	1.00E-04	1.00E-04	0.12517117	1.00E-04
0.62251568	0.43886249	0.58595526	1.67765684	1.97448153	1.81363912	1.70686295
1.00E-04	1.00E-04	0.01129888	0.08231455	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1688003	1.00E-04	1.00E-04
0.02626044	0.05786738	0.0692977	1.00E-04	0.19538507	0.2406821	0.15043174
1.00E-04	0.00637878	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06997294	0.21531104	1.00E-04	0.47244924	0.1456384	0.50119004
1.49532563	1.53867734	1.71783599	0.73271984	0.31455003	0.37651785	0.91807098
1.00E-04	0.0159691	1.00E-04	1.00E-04	1.00E-04	0.09176924	1.00E-04
0.02875559	0.01544101	0.02317935	1.00E-04	1.00E-04	0.07450499	0.07510134
0.22854082	0.14222208	0.2742867	1.00E-04	0.12523204	0.28612746	0.41899702
1.00E-04	0.00625629	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09799453	0.03781875	0.04738579	0.20029226	0.14087534	1.00E-04	1.00E-04
0.78124737	0.27639255	0.43750129	0.90906239	1.42102541	1.13760994	1.38499662

1.00E-04	0.0099099	0.05739946	1.00E-04	0.13617456	0.16553414	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07478541	0.14143686
0.14684757	0.01174828	0.16934701	0.12405056	0.28301051	0.48381644	0.54593928
0.07751334	0.01628623	0.06918463	1.00E-04	1.00E-04	0.06777117	0.14896659
0.41555166	0.21866605	0.27005724	0.2295031	0.6933561	0.59599069	1.02665372
1.00E-04	0.00514085	0.04747308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11467883	0.13847425	0.27357616
0.81269421	0.38752864	0.68839035	1.00E-04	1.00E-04	0.07256881	0.15850031
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66399901	1.37682515	1.67399076	1.76496539	1.48911021	1.46902459	1.51675657
0.57919005	0.8440219	1.055806	1.00E-04	1.00E-04	0.23992597	0.65331607
0.22464897	0.66258021	0.92428981	1.00E-04	0.35924624	0.50512517	0.34064453
0.62840648	0.79323614	0.92071048	1.00E-04	1.00E-04	1.00E-04	0.23570392
0.05439811	0.00735331	0.02083454	0.16783061	1.00E-04	0.09162502	0.15833206
0.02167571	0.04663043	0.01206125	0.34527068	0.41138304	1.00E-04	0.18658658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20721677	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99282649	0.82205423	0.90707665	1.03365016	1.65005544	1.70343678	1.38245352
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1123401
1.57497515	1.46686833	1.73852523	1.72167666	2.28266113	2.06515862	2.190563
0.15478679	0.01759356	0.00793818	0.16775362	1.00E-04	1.00E-04	0.25170029
0.65529583	0.65914285	0.84969502	0.96262986	1.72305372	1.79508291	1.85884556
1.5770247	1.58257948	1.67059214	2.40091044	2.00918885	2.51241935	2.49274597
0.74582345	0.55769449	0.80598698	0.75221741	1.0732173	1.63091665	1.75941131
0.0813675	0.19489087	0.24351555	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02741231	0.03721002	1.00E-04	1.00E-04	1.00E-04	0.23059733
0.63363599	0.24103094	0.35923383	0.69062905	1.00956709	0.1677899	0.58824936
0.47382701	0.14100475	0.25619843	0.76844375	0.90035088	0.6167042	0.80320573
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59088149	0.69959179	1.30855009	0.20530122	1.89594852	0.88336251	0.9239819
1.00E-04	0.01181265	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84519945	0.39581131	0.41234946	1.21529941	1.29410856	1.13971165	0.87963247
1.00E-04	0.02539428	0.0102802	1.00E-04	1.00E-04	0.18585399	1.00E-04
1.00E-04	1.00E-04	0.0367036	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.85735975	5.11187703	4.51558812	1.85874094	2.39129217	3.18779906	2.78568224
1.20355447	1.16643058	1.42303854	1.00265803	0.62553692	1.11618016	1.46160863
1.00E-04	0.02303934	0.01433777	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03781998	0.04172312	0.25244383	1.00E-04	0.18703338	0.96783113
1.00E-04	0.0042064	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.29193072	1.96459839	2.01894817	1.00E-04	1.33071645	0.4862675	1.1191297
1.00E-04	0.02091891	0.02194115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.62097148	0.47861208	0.61605169	1.02876163	1.19520533	1.33077136	1.13757966
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19436296	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16254168	0.18153893	0.21676679	1.00E-04	0.09473845	1.00E-04	1.00E-04
0.04775356	0.00640082	0.0318192	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01535661	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04827951	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.74883832	3.1084827	3.13971815	2.13512141	2.77772914	2.84598284	2.92532557
2.40080094	2.51918058	2.19418039	1.17118444	1.53337719	1.57800149	1.79529351
0.27694364	0.10565863	0.08252288	0.1591408	0.2384262	0.12987992	0.08793369
1.00E-04	1.00E-04	0.02446106	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.13816459	2.16792892	1.73968867	0.98257423	1.30461864	1.59942084	1.76268352
0.13131549	0.14485263	0.08923002	1.00E-04	1.00E-04	0.06093122	1.00E-04
1.00E-04	1.00E-04	0.01247215	1.00E-04	1.00E-04	1.00E-04	0.17569829
1.03433509	0.60799975	0.70343602	1.00E-04	0.93459655	1.44670313	1.05385639
0.21518098	0.19885898	0.23219855	1.00E-04	0.34908021	0.48835849	0.1061876
0.01912658	0.02377704	0.18616637	0.14090775	1.00E-04	1.00E-04	1.00E-04
1.14159355	1.41247834	1.45321559	1.00E-04	0.15793208	0.67000052	0.55023131
1.00E-04	1.00E-04	0.00615898	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11707305	0.02539331	0.08790629	0.22742218	0.26043647	0.96318084	0.84203781
0.14583019	0.05124376	0.07238239	1.00E-04	0.24303421	0.07192064	0.20367113
0.0854463	0.06682886	0.10519534	0.40905841	1.00E-04	0.18209988	0.07473571
1.00E-04	0.02748364	0.00626351	1.00E-04	1.00E-04	0.05118808	0.22894291
0.14730356	0.10025193	0.19948705	1.00E-04	1.00E-04	0.08079118	0.18728109
3.40958611	2.74429047	3.33019699	0.15793836	0.27754188	0.7318057	0.81634145
1.20632911	1.22498727	1.50036091	0.72091721	1.79973686	1.99680181	2.35585439
1.83040364	1.73490602	1.88958732	0.12560403	0.15047425	0.30477059	0.84025535
0.33375114	0.13694478	0.23972514	1.00E-04	1.00E-04	0.05488715	0.17208765
0.75159336	0.4127916	0.55347269	0.6703997	0.91680642	0.56063523	0.36370145
0.14503635	0.3344341	0.22597739	0.38183831	0.17968565	0.06080693	0.48230656
0.26114053	0.33977046	0.39368348	0.1812886	1.00E-04	0.20974164	0.11180616
0.0952551	0.06297377	0.02957188	1.00E-04	0.09983306	1.00E-04	1.00E-04
0.63945746	0.08468817	0.23478994	0.59921566	0.38431908	0.04640725	0.22816624
0.32208456	0.2086132	0.20932944	1.00E-04	0.07524403	0.33727663	0.434897
0.25654853	0.24486462	0.32637407	0.56879135	0.45034788	0.65759233	0.73779723
2.02722788	2.14957278	2.14590012	0.5251418	1.52687121	2.56315473	2.10872623
0.02765553	0.00556841	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0193487	1.00E-04	1.00E-04	1.00E-04	0.14673382
0.02269534	0.04297785	0.00715613	1.00E-04	0.28398594	0.22898548	0.19383581
2.46087597	2.25233625	2.37810951	1.61270119	0.99973356	1.71877304	1.60040821
0.03576102	1.00E-04	0.02332477	1.00E-04	0.17164248	1.00E-04	1.00E-04
1.04016715	0.76391765	0.94222337	0.18611315	0.5332798	0.30446582	0.18347638

1.00E-04	0.06561677	0.14988068	1.00E-04	1.00E-04	1.00E-04	0.19819829
1.66802555	0.88576312	1.32052965	1.00E-04	0.35049591	0.15827247	0.10513831
0.03413587	0.11692864	0.16779968	0.32823866	0.08381537	0.06246335	0.16839326
0.25651679	0.27964379	0.3620331	0.32066896	0.47759295	0.51911104	0.30168059
0.24427562	0.06875249	0.03178052	0.28575079	0.33873336	0.11796268	0.25178506
1.4217342	1.55802959	1.4202676	1.28764778	1.89647853	2.08214614	1.93086718
0.27072338	0.57661619	0.52171377	1.00E-04	0.18356669	0.13523335	0.121887
1.46901992	1.59892041	1.39961463	0.29031119	0.5671052	0.74249491	0.80024738
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77302245	1.94708765	1.88479524	0.45177839	0.38380551	0.70471268	0.57086822
0.14167189	0.13653655	0.19609825	1.00E-04	0.22347124	0.26343055	0.01875595
0.43686867	0.1878855	0.19415	0.60030652	0.33440885	0.12672622	0.41048876
0.23909821	0.14387852	0.17981009	1.00E-04	0.32080305	0.40823272	0.59288056
1.00E-04	0.00443388	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01052693	0.0115215	1.00E-04	1.00E-04	0.07415741	1.00E-04
1.41093015	0.99652818	1.38257204	2.02862544	1.95312216	1.5402731	2.1197534
0.09663346	0.00541371	0.09167661	0.2232494	1.00E-04	1.00E-04	1.00E-04
0.13838934	0.01103347	0.09063668	1.15708902	1.22779123	0.9732347	1.10347686
0.26915939	0.1076996	0.15586048	0.98708707	1.43736814	1.09721294	1.08198827
0.01483895	0.04843255	0.05400482	1.00E-04	0.231109	1.00E-04	1.00E-04
3.90755265	3.21781092	3.4720082	4.4672171	4.82489007	4.46180293	4.54948888
1.00E-04	0.00474434	0.00429659	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05337387	0.01584535	0.00953152	1.00E-04	0.20772002	0.19628487	0.24813079
1.51784608	1.20822676	1.36380505	0.25456655	0.61757422	0.31906855	0.36972754
1.80601199	1.58273853	1.8136858	1.51516041	2.45148314	2.93562853	2.89027226
1.26586772	1.84882295	1.73968794	0.13726125	0.78320079	0.61164523	0.94256253
0.55451364	0.79845106	0.84971347	0.49014975	0.15230673	0.53191578	0.67046886
0.90159824	0.6005941	0.83156757	0.39891257	0.65442313	1.00468041	0.87498367
1.00E-04	0.01865603	0.03157415	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03001109	0.00697053	1.00E-04	0.17410323	1.00E-04	1.00E-04	1.00E-04
0.20029078	0.04461597	0.08431835	0.87809316	0.43688037	0.11845036	1.00E-04
1.67755549	1.37570552	1.60589729	1.28430597	0.81705963	1.4713921	1.67782577
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47356384	0.20841811	0.27153771	1.00E-04	1.00E-04	0.03580986	0.1093802
1.00E-04	0.01290577	0.00630812	1.00E-04	1.00E-04	0.1303669	0.1234221
0.14334273	0.03386315	0.00487325	1.00E-04	1.00E-04	0.11321634	1.00E-04
0.11339251	0.0191685	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03221864	0.02844639	0.04278756	1.00E-04	1.08391741	1.79425661	1.55304247
1.22923425	0.94406116	1.17954034	1.81345906	1.65824352	2.26378228	2.31930267
1.00E-04	1.00E-04	0.00797507	1.00E-04	1.00E-04	1.00E-04	0.21587687

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87693686	1.60468983	1.73214274	2.06745189	1.95936419	2.1898512	2.07624328
0.54390664	0.44759392	0.36826899	1.54846691	1.55377422	1.92128617	2.28055462
0.361512	0.40947368	0.49400177	0.58259811	0.87674777	1.39812027	1.25295584
0.21208388	0.47431489	0.5408989	0.15292088	0.4052097	0.68582226	0.61781673
0.16511401	0.09458276	0.1709523	0.80231724	0.30243919	0.39761081	0.19587096
0.39763717	0.2156946	0.28380236	0.27850895	0.45326321	0.11916122	0.05856074
0.25023059	0.25562543	0.39760055	1.00E-04	1.00E-04	0.19521056	0.10269587
0.18171914	0.15752016	0.1022947	0.11488395	0.0893316	0.3303455	0.49752685
3.33702981	2.719648	2.80897583	3.8839772	4.28139643	3.97278844	3.94122354
1.00E-04	0.00854093	1.00E-04	1.00E-04	1.00E-04	0.05515371	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30934871	1.00E-04
0.03856275	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92417327	1.12424319	1.42018949	0.67569028	1.2069151	1.21143853	1.17846818
0.02306072	0.01631094	0.0141866	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03531836	0.12035773	1.00E-04	0.09084533	0.13860744	0.09350047
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72510113	0.7652716	0.70041517	0.2768934	0.78640257	1.58724713	1.60995339
4.22933266	4.13616524	4.04522215	4.13570464	4.39651515	4.58013057	4.58501273
0.4092475	0.42208424	0.67952799	0.65356433	0.38622795	0.44202635	0.82086557
0.16829341	0.1300188	0.11078299	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5414441	0.46892727	0.44377884	0.1896378	0.2512179	0.20399476	0.51251371
0.91253894	0.80255764	1.0257706	0.10510713	0.52112773	0.75442933	0.23665881
1.00E-04	0.01876978	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35882102	2.01484935	1.91815916	0.24885551	0.94757973	1.25724765	1.47914016
0.03411567	0.05750798	0.02990104	1.00E-04	0.16906692	0.356929	0.07964158
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1234645	1.00E-04	0.24440443
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01026879	0.0061452	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04426972	0.04274526	1.00E-04	1.00E-04	1.00E-04	0.36777573
1.00E-04	0.05951334	0.05953941	0.16458297	0.54924679	0.05394362	0.14868583
0.10702832	0.00991782	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55782016	0.10356878	0.14983965	0.58790304	0.83975137	0.40371837	0.44164113
1.27599232	1.19135493	1.08063361	1.0564279	0.51428852	0.54915437	0.93974358
1.00E-04	1.00E-04	0.00678479	1.00E-04	1.00E-04	0.19467434	0.07519732
1.00E-04	0.07399357	0.02448222	1.00E-04	0.19179402	0.06168777	0.2691329
0.08021522	0.15429637	0.20357278	0.29488803	0.1989118	0.75046728	0.85511425
0.69178034	0.26796472	0.41636738	0.65855767	0.85936971	0.23226073	0.77446424
1.78229103	1.57489154	1.67018437	1.6796171	1.84260444	1.66782691	1.55870718
1.00E-04	0.01867043	0.0128216	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63819052	1.04836172	0.94882491	0.24180296	0.50137251	0.80612882	1.03412154
6.98882891	6.91008177	6.74152912	5.64180277	5.77533647	5.3878924	5.697407

0.07053591	0.0312753	0.03220112	0.12967517	1.00E-04	0.11278765	0.14439045
0.54079096	1.13048718	1.17038604	0.64470895	0.90031555	0.92804714	1.17359349
0.34058071	0.21196781	0.32315998	0.1250463	1.00E-04	0.31211798	0.24099611
0.75743115	0.63829163	0.74013486	0.20524355	0.7186839	0.21378977	0.12606849
1.00E-04	0.02166303	0.0513126	0.2124051	0.25822039	0.09088175	1.00E-04
1.00E-04	0.01477431	0.02622996	1.00E-04	1.00E-04	1.00E-04	0.13069261
1.53893974	2.00799672	1.75106188	0.40709073	0.21006694	0.67771209	0.82283353
0.08930623	0.08864695	0.09589035	1.00E-04	0.45757526	1.00E-04	0.08841824
1.00E-04	0.13004402	0.04772254	1.00E-04	1.00E-04	0.16899534	0.13768201
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10455243	0.01120184	0.06376203	0.18934306	0.36283817	0.3392365	0.2863565
1.18168579	1.28356351	0.7844752	0.38149352	0.19239772	0.36872108	0.1128297
0.04669121	0.03316497	0.0500381	0.25954262	1.00E-04	0.18302722	0.0641339
0.50222671	0.43757601	0.43472999	0.07371875	0.0301277	1.00E-04	0.13152104
1.09179047	0.94852833	1.13228406	0.7208319	1.18026019	1.26913913	1.53468214
1.00E-04	1.00E-04	0.0173368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.99896335	2.23490566	2.37453822	3.26721782	3.73646572	3.36890356	3.49699207
0.02459279	0.06255922	0.08402537	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09132316	2.49136284	1.97539257	1.00E-04	0.33911374	1.61010029	0.94271935
0.07643386	0.0215296	0.01989545	1.00E-04	1.00E-04	0.14970968	0.33071633
0.11473006	0.34361999	0.56412192	1.00E-04	0.4720761	0.41886986	0.6536574
0.08258141	1.00E-04	0.01627695	1.00E-04	1.00E-04	0.11631102	1.00E-04
0.15053513	0.04282726	0.06319032	1.00E-04	1.00E-04	0.03297791	1.00E-04
1.00E-04	0.01248327	1.00E-04	1.00E-04	1.00E-04	0.10882182	1.00E-04
0.20050174	0.22756341	0.26296192	0.64317442	0.73366785	0.6943694	0.36545058
0.02253016	0.01749577	0.02870389	0.23271527	1.00E-04	0.05842346	0.13752095
0.12264395	0.06024003	0.07207587	1.00E-04	1.00E-04	0.08542276	0.04772625
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13715105	0.12938598	0.12098256	0.14492562	1.00E-04	0.28311052	0.27977898
1.00E-04	1.00E-04	0.01404887	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02459804	1.00E-04	0.00368788	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71884275	0.64815637	0.63803118	1.00E-04	1.00E-04	0.11397445	1.00E-04
0.01756026	0.03778909	0.01398863	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03848231	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47503496	0.13272688	0.22507081	1.00E-04	0.21810398	1.00E-04	1.00E-04
1.20421401	0.62600988	0.86965936	0.70251872	1.25353138	1.5416829	1.42129549
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71656775	1.35236917	1.78831145	1.58572161	2.66236929	2.96335761	2.8678517
0.06336673	0.01801562	0.04241797	1.00E-04	1.00E-04	0.22971239	0.11445357
0.17290776	0.13955534	0.17422058	1.00E-04	0.28589682	0.31422332	0.34540782
1.00E-04	0.02561735	0.01216923	1.00E-04	0.08475943	1.00E-04	1.00E-04
0.56238206	0.63009629	0.19818113	1.00E-04	1.00E-04	0.36552262	0.57928899

2.87852568	3.55182744	3.98440295	0.8573164	1.26059173	1.8746101	2.27229793
0.13956873	0.08294079	0.02401769	1.00E-04	1.00E-04	0.11903214	1.00E-04
0.02782068	0.0368122	0.02880415	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04754304	0.0135895	1.00E-04	1.00E-04	0.12483085	1.00E-04	0.13112989
1.71466236	1.14885763	1.1908784	1.36002787	1.7294516	1.48263507	1.47046339
0.68142357	0.17405678	0.18791	0.96049734	0.43754229	0.26868902	0.1688338
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04041244	0.03553557	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00493048	1.00E-04	1.00E-04	1.00E-04	0.07404607
1.0856393	0.7097748	0.94772322	0.61300268	1.65474787	1.43627232	1.45371578
0.14780728	0.13011174	0.11143574	0.27956935	0.08457559	0.44464656	0.20153738
0.13855949	0.02567029	0.06731782	0.32554467	0.78215345	0.52635424	0.16023668
1.00E-04	0.00604898	0.01464376	1.00E-04	1.00E-04	0.26575881	0.33350428
3.68817507	3.54463389	3.63915474	0.99756883	1.17165789	1.75132656	1.84030132
4.0905905	3.9311952	4.15856225	2.83919446	2.58209324	2.50165455	3.08441499
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61328979	0.32369579	0.45094369	1.00E-04	0.13312868	0.05624636	1.00E-04
1.21659691	1.62193128	1.53817605	1.04908731	0.60457316	1.13877923	1.10178966
0.60700442	0.34805949	0.48830795	0.27742808	1.00E-04	0.28796968	0.09874366
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18100483	1.00E-04	1.00E-04
0.08941778	0.05013525	0.05037309	1.00E-04	0.37371909	0.25602224	0.37505809
0.4416234	0.47859405	0.43688494	0.23146065	0.18727921	0.03978822	0.55755846
0.13613648	0.23080282	0.29578046	1.00E-04	0.11867897	0.15760619	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.72879113	0.54308918	0.83033261	1.20494366	2.11718561	1.09755127	1.05926344
0.10959244	0.06069416	0.05595903	1.00E-04	0.10825087	1.00E-04	1.00E-04
4.75510784	3.06263159	3.56072823	3.98149214	4.9894262	4.13143692	4.28784367
1.00E-04	0.00276893	0.01831851	1.00E-04	0.15979292	1.00E-04	1.00E-04
1.00E-04	0.00277574	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03890225	0.0248705	0.05255274	1.00E-04	0.40462401	1.00E-04	1.00E-04
0.41153822	0.41276186	0.47004356	0.21241205	0.75728462	0.53705318	0.75577649
2.0367544	1.86148335	2.16978737	1.97034413	1.91516059	2.00089577	2.15927834
2.14062776	2.23910578	2.31945546	1.00900748	1.02605537	1.71986019	1.32640774
0.0384374	0.00711312	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01827191	0.00996889	1.00E-04	1.00E-04	1.00E-04	0.09180458	1.00E-04
1.00E-04	0.01538454	0.0468225	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00512642	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.10521196	2.57589151	2.74369161	3.5691486	3.99030339	3.66381169	3.7588682
0.91746332	0.77626975	0.69497694	0.17536734	0.55944513	0.75534319	1.19892713
0.94281668	0.56397643	0.54224122	0.98164262	1.02777017	0.91247922	1.30255758
0.02941206	0.00727359	1.00E-04	0.08661552	1.00E-04	0.0529731	1.00E-04

2.06322255	0.91725511	1.50535998	1.03302237	0.55821998	0.46888305	0.76329801
0.87468147	0.25267839	0.33809511	1.00E-04	1.00E-04	0.10962274	0.01875595
1.20448496	1.199413	1.20878421	1.20926935	1.38980116	1.45758997	1.4523055
1.04289644	1.25565905	1.03201775	0.22244924	0.27937169	1.01716324	1.41797276
3.21791334	2.59602017	2.8587768	2.47435943	2.83363144	3.48063849	3.30898855
0.40950489	0.2039919	0.24784796	1.00E-04	0.09162161	0.06312473	1.00E-04
0.22854907	0.21075429	0.42146087	0.21749347	0.19976452	0.03626171	0.11599626
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23312903	0.07642764	0.21145815	1.00E-04	1.00E-04	1.00E-04	0.13514953
0.26249971	0.28665241	0.24739162	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06288226	0.01015058	1.00E-04	1.00E-04	1.00E-04	0.07028822	1.00E-04
0.34660676	0.17862559	0.18161778	0.45035566	0.42163691	0.38172411	0.69735217
0.44458142	0.41237597	0.65239469	0.25871025	1.1012369	0.52552955	0.97973463
0.02063979	0.06168032	0.01899776	0.54782332	0.35542681	0.14487328	0.27194858
3.88531453	3.05582278	2.5716929	2.41131777	2.98069689	2.76265191	2.65978767
0.55967762	0.22521826	0.1720709	1.00E-04	0.22605767	0.0806	0.22416553
0.22740485	0.44927106	0.35432207	1.00E-04	0.18348799	0.20585565	0.13216168
1.00E-04	0.00612237	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13504603
0.95614314	0.3037177	0.30433278	0.35988868	0.46176225	0.62929776	0.85823359
0.74047923	0.47507991	0.60699039	0.28160927	1.00E-04	0.3248314	0.08985873
0.01579313	0.01763233	0.00618089	0.18354318	0.11283767	1.00E-04	1.00E-04
0.10194716	0.10396209	0.13599271	0.15068502	1.00E-04	0.09737283	1.00E-04
0.49177218	0.47894504	0.60907054	1.23893682	1.05191712	1.18327933	1.07800893
2.11172157	1.52192374	1.699057	2.42869437	3.11644343	3.01751813	2.89566572
1.97620932	1.70737942	1.2757348	0.65418652	0.99575017	0.49245468	0.70771379
1.00E-04	0.01239831	0.05496039	1.00E-04	1.00E-04	0.07535263	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0297712	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18014977	0.57635056	0.70665516	1.00E-04	0.44548868	0.38068392	0.24735368
0.02350375	1.00E-04	0.03471552	0.26310222	1.00E-04	1.00E-04	0.08408003
0.55951495	0.29196877	0.35613772	1.13895166	1.28182297	1.32822385	1.38319098
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00939962	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78305546	0.64575393	1.08244483	2.18353205	1.97128557	2.14637001	2.12204985
1.86480876	2.08013626	1.96478626	0.14432545	0.28777786	1.08644125	1.02414558
0.22292643	0.29046162	0.2848915	1.00E-04	0.66781225	0.36463368	0.15087802
1.50304624	0.76809985	0.99414432	2.03400052	1.97658152	1.98425895	1.59679991
0.16670935	0.31632539	0.52543054	0.40625508	1.12913511	0.82860892	0.76119591
0.40928612	1.38819266	1.21962148	0.48939432	1.00E-04	0.43542964	0.56556834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09440478	0.25376575	1.00E-04
0.10611671	0.14791594	0.14943331	1.00E-04	0.12523204	0.13205445	0.10498717
0.16986222	0.0712914	0.22095183	0.25455879	0.03408831	0.14429166	0.10978856
0.02487531	0.03379856	0.08900272	1.00E-04	0.52761909	0.09868378	0.35679996

1.00E-04	0.04708641	0.03992556	0.137287	1.00E-04	0.36653343	0.25548031
0.07266782	1.00E-04	0.01009307	1.00E-04	0.13968132	1.00E-04	0.10738314
1.13026967	0.70977232	1.14525884	1.09670739	1.02635937	0.27306411	1.21609188
1.10736644	0.64828326	0.42417587	0.76466457	1.13420912	0.93866327	0.94402316
0.28812794	0.15190698	0.22592429	0.55895107	1.00E-04	0.47551311	0.91810024
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6608173	0.46847964	0.63418063	0.9748434	1.07222985	1.45749235	1.60216839
0.96453418	1.34532898	1.13954391	0.15282506	0.52701439	1.20545128	1.21495531
0.36881091	0.31510399	0.29096831	0.41320349	1.00E-04	1.00E-04	0.25024387
4.57102363	4.40492819	4.61201926	2.17150878	1.17107953	1.58262892	1.86803781
2.29199137	2.40914814	2.58984165	0.18958861	1.00E-04	0.90475745	0.41990908
0.07160257	0.05202249	0.11501043	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23930021	0.25247465	0.15098098	0.42688553	1.00E-04	0.38875977	0.35402888
0.29382698	0.2208443	0.4602664	0.99543647	0.75358781	0.56266742	0.72408146
1.00E-04	0.01307916	0.0735814	1.00E-04	1.00E-04	0.21540589	1.00E-04
1.00E-04	1.00E-04	0.01059354	1.00E-04	1.00E-04	1.00E-04	0.13290869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05412725	0.0464429	0.05692842	1.00E-04	1.00E-04	1.00E-04	0.22879398
1.00E-04	0.01875406	1.00E-04	1.00E-04	1.00E-04	0.04324359	1.00E-04
0.52410067	0.49734282	0.44920501	0.39833077	0.20119337	0.69221958	0.14698302
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.806382	0.59096463	0.84934428	1.19974783	1.26863576	1.67640672	1.3477258
1.00E-04	0.03395519	0.02574299	1.00E-04	1.00E-04	0.02676501	1.00E-04
0.02463219	0.0562725	0.06371208	0.70335722	0.04521075	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01359652	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01133643	0.01716595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0224687	0.01069114	0.04097398	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89449386	1.64707936	1.65855387	0.41483873	1.00E-04	0.69560546	0.55212663
0.05493814	0.01258824	0.0282194	0.33249809	0.33204371	0.48633628	0.69820866
0.03022172	0.08374147	0.12153539	1.11532984	0.50937736	1.13201581	0.89953405
1.48684235	1.64910516	1.82960722	0.9934121	2.12687979	2.7040771	2.55894409
2.60294938	2.59326227	2.80534416	1.55692882	1.53185233	1.61359825	1.54631142
0.34487773	0.50540072	0.55930343	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02205189	0.05213812	0.06142303	1.00E-04	1.00E-04	0.15289323	0.1409845
0.48005152	0.30549875	0.3759956	0.41474298	1.06989722	0.86455523	0.63705793
0.53383576	0.40013121	0.38457298	0.83069153	0.61667442	0.84066859	0.73391632
0.09650454	0.29920397	0.16109845	0.22331769	1.00E-04	0.17118259	1.00E-04
0.02375432	0.00487056	0.04920289	1.00E-04	0.11591915	0.17708679	0.0431068
0.14917008	0.01347359	0.00619232	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54392221	0.4647257	0.3845782	0.60705511	0.52029394	0.724926	1.20660799
1.00E-04	0.01069758	0.00632323	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01075027	0.02476003	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38770268	2.13953469	2.31408933	2.1840638	2.76081257	2.71060824	3.05446693

0.05828273	0.0754551	0.07135216	1.00E-04	1.00E-04	0.30973702	0.20047975
3.68109056	2.03571382	2.54297949	1.86278915	1.93329797	1.63814925	1.77785266
0.44146825	0.54161468	0.44919017	0.22297966	0.47445396	0.22456499	0.47408441
0.18453222	0.04659062	0.09321123	1.00E-04	1.00E-04	1.00E-04	0.29836073
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89436909	2.76455166	2.82265424	0.51461567	0.51009737	0.90733379	1.11452837
0.90833424	0.59852112	0.71324028	1.22901606	1.6862386	2.06211153	1.88789284
0.69766954	0.73860076	0.8364969	1.10463219	1.52965142	1.64099878	1.47676402
0.14473369	0.09989831	0.22350381	1.00E-04	1.00E-04	0.07369899	1.00E-04
0.08066613	0.19239821	0.17279565	0.46452064	0.17784616	0.17751806	0.49442737
0.08574463	0.07736099	0.11596939	1.00E-04	1.00E-04	0.02455278	1.00E-04
0.27496147	0.1563699	0.19139854	0.59547903	0.60523805	0.3350994	0.39983279
1.00E-04	1.00E-04	0.01621281	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26240259	0.07479781	0.15968605	0.62972917	1.00E-04	0.39810178	0.13682735
0.64563056	0.35734628	0.41306761	1.00E-04	0.39863469	0.14689446	0.1840516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19838182	1.45290875	1.2628048	1.00E-04	1.00E-04	0.10070093	0.5164646
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.91237259	2.85672767	3.00206427	0.51755028	1.38278452	1.15570572	1.15663307
1.00E-04	0.04239172	0.00564931	1.00E-04	1.00E-04	0.07114809	1.00E-04
1.00E-04	0.01853719	0.04463044	1.00E-04	0.16363962	0.08095578	0.11672537
0.16941763	0.05029836	0.04758586	0.87162197	0.13967978	1.00E-04	0.20016233
1.47408092	1.44990733	1.84823331	1.29576694	1.61722039	2.41301033	2.62733405
0.13151851	0.09764381	0.02836912	1.00E-04	0.04412295	1.00E-04	1.00E-04
0.32359732	0.33615653	0.39687738	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32508927	3.19463771	2.52919581	0.77574252	0.78031041	1.5854292	1.05680149
0.13067401	0.13233389	0.16884567	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77069978	0.46501159	0.87978889	0.27416118	0.61789279	1.20340388	1.38648551
1.00E-04	0.01420636	0.01398657	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37037625	0.30540692	0.44193969	1.16278343	1.24628016	1.54159392	1.64480869
1.00E-04	0.01699434	0.01371504	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01100712	0.02070466	1.00E-04	1.00E-04	0.04657945	1.00E-04
1.00E-04	0.01305466	0.01774553	1.00E-04	1.00E-04	1.00E-04	0.13078953
0.33683254	0.49920995	0.44061403	0.17410323	0.36673006	0.36816234	0.64267472
0.65933413	0.59755351	0.73274885	1.79199372	1.79248312	1.82424857	1.86269924
0.14798202	0.06599976	0.07677247	0.0794065	0.53708783	1.00E-04	1.00E-04
0.09801893	0.05467031	0.11549308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07086598	0.0404843	0.01305198	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92384987	1.07092464	1.0630087	0.964735	1.07799568	1.47759196	1.2119106
1.46581259	0.89496118	1.19014496	1.58416121	2.01950969	2.18372351	2.43171644
1.09092693	0.97354608	1.12505661	0.25853022	0.58134405	0.97081172	1.33388867
0.59144524	0.9543857	0.22088766	1.00E-04	0.10634463	0.17612337	0.17891034

0.62936043	0.31907177	0.57463756	0.96914581	0.8879327	0.92242025	1.07438214
0.10888589	0.13386994	0.07872256	0.05552318	1.00E-04	0.30456733	1.00E-04
0.12193752	0.06056115	0.02217198	0.08874528	0.24477944	0.25696668	0.08951691
0.15201479	0.10059867	0.09021113	1.00E-04	1.00E-04	0.15700029	0.07985776
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16935803	0.15213324	0.1750141	0.66273365	0.84189181	0.17250622	0.97229687
0.0388159	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16692689	0.09303844	0.01606787	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.28773726	2.41244563	2.40957944	0.69386371	0.69796799	0.63670606	1.04429109
1.11205853	1.077388	1.14847344	0.18484257	1.00E-04	1.00E-04	1.00E-04
0.53476694	0.79395477	0.97383733	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01395685	0.00822939	1.00E-04	1.00E-04	1.00E-04	0.04242841
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1235013	0.03927122	0.02058618	1.00E-04	1.00E-04	0.0570128	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02104348	0.04291152	1.00E-04	1.00E-04	0.17175904	0.15947822
0.22500585	0.06761892	0.04761862	1.64085434	0.23283956	0.13938003	0.18212333
1.00E-04	1.00E-04	0.01520098	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00421481	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00699961	0.0145174	0.27859329	1.00E-04	0.07022612	0.11274295
0.23564741	0.04987346	0.10463682	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01374782	0.00490889	0.01491253	1.00E-04	0.08582793	1.00E-04	1.00E-04
2.51337779	1.74966478	1.8039545	1.99087054	1.96534055	1.73616035	1.52616591
2.40034973	1.58713135	1.86189036	1.90799867	1.96029827	2.14807377	2.07185516
0.68785109	0.74699003	0.69589055	1.48345085	1.33853559	1.2858975	1.50281406
0.63350676	0.11942294	0.16780555	0.28413629	0.14571436	0.02783633	0.15036324
1.64619213	1.52598334	1.67697426	1.81492566	2.65199859	2.98489266	3.05323687
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22911223	1.70409483	1.5753453	0.23481177	0.93794518	0.95783847	1.23692683
3.53846719	2.56924565	3.04930408	3.07286772	2.90521785	2.98062543	3.037245
1.00E-04	0.01435031	0.0472078	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00453447	0.01634154	1.00E-04	0.14409708	0.23195632	1.00E-04
2.2624241	1.91304856	1.59132096	1.38053967	1.53334884	1.41341955	1.4084776
0.25726991	0.24329276	0.3956634	0.70677491	0.66124235	0.66395907	0.6296797
1.26906215	0.8629195	1.16229312	1.39983984	1.03984785	1.75057045	1.32533506
0.03225921	0.02740607	0.021867	0.39853283	1.00E-04	0.34500912	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54625437	0.38485347	0.47276346	0.27625162	0.98100338	0.44142654	0.59797389
0.63433799	0.83714167	0.5326101	0.51397265	0.60121617	0.1567064	0.30925445
1.00E-04	0.01152263	0.02548664	1.00E-04	0.16598656	0.14238608	0.13746884
0.1781141	0.0663627	0.02291154	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01224536	0.04023991	1.00E-04	1.00E-04	1.00E-04	0.18916728

0.02849092	1.00E-04	0.04576057	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02125812	0.03061459	0.03267099	1.00E-04	0.21460055	1.00E-04	1.00E-04
0.04865861	0.03425682	0.05887726	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01716074	0.04918161	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52654441	0.27226886	0.36351991	0.32987675	0.50850928	0.59895574	0.94660628
0.04344211	0.11503986	0.05630122	1.00E-04	1.00E-04	0.15441224	0.10890759
1.38264089	0.70649607	0.94844015	1.28489064	1.75252196	1.47518457	1.58399113
1.46520068	1.12378074	1.35394985	1.74717939	2.70821391	2.78572641	2.53568442
2.6831006	2.366509	2.62070597	0.13053062	0.6314594	0.53096529	0.59663641
0.7357028	0.44898637	0.4965511	0.23124065	1.00E-04	0.22904726	1.00E-04
1.79353268	1.34751102	1.47219351	2.91185506	3.02794942	2.92094544	3.04488442
3.24128899	2.16596772	2.52974209	1.48039503	1.83845665	2.69934537	2.74279645
0.93011679	0.59397832	0.65707257	1.62504408	1.85127532	1.54990433	1.45778886
0.05221285	0.05619327	0.00723152	1.00E-04	0.31281773	1.00E-04	1.00E-04
1.00E-04	0.01003575	0.00868547	1.00E-04	1.00E-04	1.00E-04	0.18366772
1.5113437	1.49024321	1.32907244	1.28835536	1.38585464	1.85431998	1.80323307
0.02194279	0.06871264	0.04066919	1.00E-04	1.00E-04	0.19973898	1.00E-04
0.22380212	0.1857986	0.27309933	0.0798217	0.80824609	0.42748382	1.00E-04
1.00E-04	0.01116017	0.06318292	1.00E-04	0.18816734	0.02564287	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21636625	1.00E-04	1.00E-04
0.81221777	0.99081898	1.11217508	1.06939815	0.50670936	0.95121263	1.24857679
0.09386503	0.11808497	0.16631562	0.06571364	0.83063599	1.09451234	0.89944908
2.01456714	2.32438641	2.20616407	0.37349629	0.36323333	1.30464319	1.57180358
1.51142037	0.55514654	0.94929243	0.20156184	1.23860759	1.00760068	1.07049176
0.07590532	0.07925314	0.05705433	0.22882956	1.00E-04	0.07181234	0.10625154
2.70324017	2.29460547	2.53319445	2.49756335	2.34479815	2.71219793	2.99386878
2.19428322	2.55156276	2.57843727	0.87364714	1.17975676	1.49641056	1.86338945
1.00E-04	0.13656143	0.06797305	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05072968	0.03055255	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23087285	0.1686334	0.2887928	0.10740359	0.54983602	0.04750725	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32858097	0.36616355	0.5352208	0.29425881	0.10584585	0.61517345	1.03491169
0.02684898	0.01919009	0.07381784	0.1784802	0.74693587	0.50968466	0.12670242
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07591917	0.19392371	1.00E-04	0.06348582	0.19264351	0.38535741
0.54364629	0.12874328	0.16915073	0.70112716	0.45568347	0.55414909	0.4844494
0.03166129	0.03447138	0.08343658	0.17869829	1.00E-04	1.00E-04	1.00E-04
0.55076672	0.22488734	0.26359758	0.50377053	0.50737205	0.4622943	0.7338947
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19118241	0.32459313	0.38990116	1.00E-04	1.00E-04	0.03020505	0.16767192
0.2932245	0.15104316	0.1784132	1.00E-04	1.00E-04	0.03723536	1.00E-04
0.02572438	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.04631141	0.05242257	0.03910118	1.00E-04	0.59124039	1.00E-04	0.11977659
0.04660627	0.03065974	0.12993372	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58044474	1.74677853	1.85375987	0.74955434	0.80711026	0.74573008	0.99533657
1.00E-04	0.04686767	0.02438904	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23976363	0.18093848	0.18105498	0.38909075	1.03066456	1.10655629	1.05108936
1.19443957	0.20141601	0.3813114	0.25704301	0.67044727	0.35129255	0.09352524
0.11344489	0.17731857	0.19723739	1.00E-04	1.00E-04	0.05521755	1.00E-04
0.97761026	1.36979534	1.27066936	0.18630287	0.33748399	0.68333968	0.73523989
0.4928189	0.931818	0.61218843	0.22848501	0.19522637	0.63665421	0.57506285
1.00E-04	1.00E-04	0.00543936	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21410724	2.04720177	1.83121723	0.67826967	0.52992453	0.49396777	0.77389116
1.49042997	1.3513702	1.38185063	1.63057143	1.33362173	1.69781169	1.54137698
0.66113067	0.68105245	0.55762864	1.08270448	1.69501921	1.85375464	1.48968338
1.31663074	1.42761159	1.66364965	1.29941034	2.12938679	1.78964337	1.87035735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29187906	0.32640696	0.32164326	0.21254137	0.6219567	0.7184977	0.55216685
0.05522989	0.10934945	0.16283563	0.41435999	1.00E-04	0.02744243	0.2099522
0.01605424	0.04269507	0.05030578	1.00E-04	1.00E-04	0.13990073	1.00E-04
1.74467249	1.5765519	1.9319079	1.93270225	2.56371634	2.94108078	2.97282182
0.44687195	0.35617667	0.46069162	0.32202132	0.48698882	1.03051594	0.87156228
1.00E-04	0.06203584	0.07166982	0.25710567	0.6703349	0.5181455	1.08808382
0.44767061	0.61816623	0.51782534	1.00E-04	1.00E-04	0.21142054	1.00E-04
2.38606376	3.2424435	2.572092	1.52411959	1.92360042	2.46387619	2.08717751
0.10121281	0.1126134	0.11174783	1.00E-04	1.00E-04	0.23293747	0.47756249
1.00E-04	0.03931416	0.07712998	1.00E-04	0.1171226	0.14255028	0.29842081
0.10893931	0.01135852	0.04351246	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22014929	0.55802283	0.4557347	0.21579409	0.22884783	0.0920172	0.25967527
0.03930215	0.02210773	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40165213	0.57798357	0.39754245	0.22827561	0.15399037	0.53099292	0.4635952
0.35393775	0.85676919	0.70173047	1.00E-04	1.00E-04	0.23420449	0.12383627
0.07095587	0.06478786	0.10865015	1.00E-04	1.00E-04	0.09134725	1.00E-04
1.00E-04	0.06124483	0.05919766	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09574426	0.03354002	0.07948476	0.18064084	0.46930046	0.48454196	0.14843536
1.00E-04	1.00E-04	0.00776267	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11880472	1.00E-04
1.00E-04	0.01363073	0.02789757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18569264	2.36567895	2.50823749	2.06750871	2.80454554	2.94850785	3.21600926
1.93349844	1.58213992	1.5734661	1.20419484	1.89183438	1.91883055	2.07334402
0.04218819	0.04532421	0.01543855	1.00E-04	1.00E-04	0.15147996	1.00E-04
0.73984299	0.47278528	0.46132579	0.86160847	1.45084762	1.3998633	1.36553604
2.35529262	1.53878247	1.61915637	2.55341401	3.4989307	3.07600901	2.7894266
1.09325424	0.82054748	0.98012297	1.20283586	1.9698448	2.32139583	2.19596902

0.09863181	0.08457042	0.11192736	0.2229086	0.38239571	0.17020657	0.309679
0.06006304	0.09993771	0.05062676	0.38849798	0.19709537	1.00E-04	0.44324096
0.31143334	0.28643812	0.24684319	0.57497246	0.33320536	0.77527943	0.39492769
0.22949976	0.23060438	0.35222555	0.39324416	0.94318034	0.20344743	0.70893791
2.2418842	1.70466292	1.76957871	2.86162829	3.13645826	3.16323148	3.13346834
0.31296428	0.21587916	0.43180592	1.00E-04	0.41518972	0.19468001	0.15227914
1.92647723	1.83703051	1.86619841	2.10779823	2.72559245	2.90667792	2.96400846
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58450945	1.13725903	1.45791849	0.76376643	1.48500678	1.73963483	1.96706081
1.50329463	1.82186826	1.87182576	1.54897033	1.28683149	2.09207865	2.17725632
0.2089131	0.10872903	0.18800268	0.51174336	0.32398053	0.05598229	0.29074395
3.03130497	4.09530043	2.86165505	2.79198161	2.78412826	3.59875656	3.04049034
1.25381657	1.20303205	1.44293801	1.31127093	1.65649599	1.62899345	1.92373727
0.61257185	0.29719898	0.36638724	0.66349583	1.02782119	0.69699403	0.71075468
0.02829342	0.04413347	0.06148179	0.09757466	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01297785	0.05217895	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00595496	0.01893244	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02018633	0.08193278	0.07417203	0.15171602	1.00E-04	0.197076	0.39146618
0.03445978	0.0295447	0.17939047	0.29846499	0.6319484	0.81479938	0.74526938
2.55569631	2.75256231	2.50109056	1.00062516	1.21233948	1.73850875	1.70431925
0.09750865	0.03108333	0.0797094	0.24967822	0.27976206	0.29232559	0.46206054
1.59233149	2.2416151	2.40024854	1.00E-04	0.51180953	1.37210901	0.43246314
0.23285916	0.20861632	0.3078598	1.00E-04	0.11467883	0.37255104	0.31053529
1.00E-04	0.00551841	0.01257612	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04882636	0.05137005	0.00715389	0.19386296	1.00E-04	0.21561953	0.28204851
0.26729391	0.38188458	0.36666829	1.00E-04	0.66591135	0.58789611	0.79590555
0.97650604	0.58488676	0.71715555	0.95054068	1.22203516	1.71632003	2.24898219
1.00E-04	0.03795866	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6987054	1.97675535	1.86077418	0.31989121	0.45817763	0.78319773	0.55386012
1.54813352	2.19556077	2.31310256	1.73188665	1.91059432	2.44203574	3.01541867
0.52166995	0.49669597	0.54488958	1.00E-04	0.39170479	0.46138247	0.670535
0.29726636	0.15019362	0.1313415	0.26862966	0.27583508	0.55350081	0.11785608
0.33736204	0.18211354	0.26312973	1.00E-04	0.56650805	0.60248603	0.49580614
1.00E-04	0.04182613	0.0443713	1.00E-04	0.14242061	0.32872997	0.1124475
0.60111481	0.77370237	0.97693611	1.01518632	1.24539462	1.79365549	2.14936203
0.14349822	0.15178068	0.2610376	0.6849244	0.98644498	0.80322073	0.83480461
0.23491272	0.24612715	0.29370488	1.00E-04	0.14106086	0.07487935	0.12359506
0.0847492	0.04592568	0.11045619	0.58662432	0.54949498	0.18383081	0.29520531
0.73040933	0.53619021	0.63675341	1.10295771	1.22145833	1.5190514	1.83284134
0.14230588	0.08352632	0.06440479	1.00E-04	1.00E-04	0.1385691	0.12748082
0.01792537	0.06402297	0.04989176	1.00E-04	0.09094164	0.16729163	0.26134055
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.94738582	1.12069543	0.9404686	0.36344624	1.44967679	0.68303626	1.33965493
0.86542422	0.57012175	0.74881091	1.19501685	1.58626847	1.58108879	2.01899251
0.21308484	0.15761821	0.16681194	0.33843694	0.3537072	0.2990588	0.64682689
0.90312343	0.53983344	0.66625049	0.32705671	0.35487707	0.73811321	0.2089457
0.01577531	0.01736225	0.02590449	0.29279243	0.75031421	0.86235677	0.89648584
0.4860912	0.36137415	0.3190323	0.78889139	0.90464406	0.51006255	0.83280567
0.10145222	0.04857996	0.02806925	1.00E-04	1.00E-04	0.29162834	0.11977659
1.19539794	1.35720122	0.94654464	1.00E-04	0.40251272	0.55581687	0.22470818
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08475466	1.00E-04
0.53403478	1.03966351	1.27022954	0.29388524	0.21020349	0.30991928	0.20395106
0.12679868	0.14507898	0.20289402	1.22033034	0.53133235	0.48762699	0.35527055
0.30554042	0.33133482	0.60525012	0.2715412	1.00141949	0.83547985	1.1653734
0.15622719	0.06967292	0.04925568	1.00E-04	0.20037544	1.00E-04	1.00E-04
1.00E-04	0.0065852	0.01924779	1.00E-04	1.00E-04	0.14066134	1.00E-04
0.96270509	0.47383988	0.66658686	1.15979997	1.16481802	1.0656122	1.08398601
1.18118102	0.53219397	0.64377401	1.35986785	1.50738688	1.22154555	0.95993275
0.04807478	0.01233558	0.03030811	1.00E-04	1.00E-04	0.2197669	0.26400502
1.00E-04	0.07148218	0.10357053	1.00E-04	0.25153832	0.10894922	0.0933521
0.02463877	1.00E-04	1.00E-04	1.00E-04	0.48587644	1.00E-04	1.00E-04
0.05834024	0.07260571	0.12102522	0.62103518	0.46524646	0.6066498	0.43529115
0.0605963	0.00939962	0.05749704	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62989293	0.67185413	0.56780088	0.52889359	0.44426409	0.42919779	0.4034904
2.02514011	1.53617045	2.2579702	0.32442846	0.42190119	0.61132033	1.09564126
0.02066291	0.00661503	0.00697542	1.00E-04	1.00E-04	0.17634145	0.18648779
1.00E-04	0.0140787	0.01693314	0.45972286	1.00E-04	0.49277704	0.30189296
0.03864353	1.00E-04	0.02108923	0.22359125	1.00E-04	0.05794085	0.18788052
3.43007926	3.02453302	3.11339153	3.44284608	4.05015048	4.13547223	3.96177821
1.00E-04	0.04971727	0.12477678	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32336905	0.09184735	0.23255225	0.1120025	0.64491942	0.50343829	0.75356822
0.76736274	0.55274952	0.52212433	1.45168201	2.46685705	1.35652279	1.59228856
0.29091445	0.35731788	0.49755356	1.00E-04	0.52835932	0.64438471	0.3485578
2.36112854	1.69807394	1.86837473	2.2620755	2.8903993	2.30927762	2.13279891
0.35069178	0.32262609	0.32536634	0.40810152	1.02885547	0.86905502	0.7547573
1.00E-04	0.05390162	0.01225047	1.00E-04	1.00E-04	0.24568477	0.28850319
1.00E-04	0.04226762	0.09337817	0.13436384	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00603604	1.00E-04	1.00E-04	0.05608762	1.00E-04
1.00E-04	0.00680021	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.802352	0.80023596	0.77925802	0.41276826	0.34770394	0.38601193	0.51740384
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03156378	0.12145241	0.03344037	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65296739	0.55148617	0.73353316	1.00E-04	1.00E-04	0.05129818	1.00E-04
0.14787941	0.08119872	0.05746126	1.00E-04	0.19089653	0.1386865	0.28744334
1.00E-04	0.15728577	0.11075211	0.26009821	0.3629034	0.69250487	0.65993673

0.08025249	0.01255776	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0197676	0.02321152	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65436678	0.96868878	0.62947501	1.00E-04	0.12626501	0.38748005	0.35519653
0.18884219	0.04375476	0.07106792	0.15074711	1.00E-04	0.10507931	1.00E-04
0.03096201	0.02369447	0.02758614	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3602831	0.75851089	0.80242508	0.84553041	0.5705453	0.33674536	0.91828745
3.5112763	3.08273256	3.26770982	2.97769811	3.51391733	3.38631717	3.69109992
1.00E-04	0.01642114	1.00E-04	1.00E-04	0.41338856	0.02798	1.00E-04
4.17445449	2.30157503	2.70197156	2.61296579	3.6021686	2.79179051	2.85647815
0.53550136	0.36863858	0.41179303	1.00E-04	1.00E-04	0.29465752	1.00E-04
0.94516092	0.99770144	1.04353829	0.783847	0.41077823	1.20689312	1.21392753
0.21030378	0.06657121	0.09117961	0.09411486	1.00E-04	0.10494974	1.00E-04
0.91504683	0.58507775	1.13976221	0.89315758	0.80798003	1.13754426	1.47805995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30844588	2.84005754	2.62280739	0.94036259	1.34652421	1.87740182	1.63711822
0.04530149	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70559687	1.40893368	0.56621942	1.00E-04	0.30119605	0.89527216	0.1093802
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04607554	1.00E-04
0.48435569	0.34373337	0.55602231	1.00E-04	0.23334707	0.1108167	0.16204435
0.22657725	0.19961153	0.3611827	1.00E-04	1.00E-04	0.05794085	0.36646624
0.70354343	0.81928847	1.0819898	0.85076037	0.31219757	0.33879276	0.74005717
0.82373894	0.65529673	0.79857074	0.54589673	1.26982428	1.70403015	1.90324167
0.4117745	0.19761235	0.26027458	0.56627369	0.73967325	1.14354016	0.91125076
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04931468	1.00E-04
0.64468984	0.2451932	0.31349306	0.16984557	0.35753423	0.49562932	0.83234661
0.21450009	0.14956902	0.25564883	1.00E-04	0.13673945	0.17056693	0.3309529
0.02435772	0.13455423	0.09240651	0.57008019	0.21306144	0.19285067	0.08908767
1.31728732	1.23090748	1.38897447	0.52418894	1.1010329	1.74737586	2.02838547
0.05034594	0.01634227	0.00652829	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23715957	0.10596825	0.12587753	0.26102953	0.50443235	0.10831564	0.64855388
1.00E-04	0.01641345	0.01273241	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07870156	0.03559716	0.08873879	0.70593688	1.00E-04	1.00E-04	0.06166975
1.00E-04	0.00742225	1.00E-04	1.00E-04	1.00E-04	0.03033951	0.1976897
1.00E-04	0.01018057	0.02983329	1.00E-04	1.00E-04	0.0946102	1.00E-04
1.00E-04	0.01835969	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02229889	1.00E-04	1.00E-04	1.00E-04	0.10992537
1.00E-04	0.01793302	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00558998	0.01938933	1.00E-04	0.21352878	1.00E-04	0.08012964
1.00E-04	0.00589388	0.00474458	0.21471554	1.00E-04	1.00E-04	1.00E-04
0.07794742	0.00586271	0.00532914	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61961135	0.31793307	0.48524333	0.52753645	0.90791522	0.80567789	1.19538821
1.00E-04	1.00E-04	0.07483665	0.64100328	0.14409708	0.18549254	0.76272185
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04881006	1.00E-04

0.64356554	0.65191995	0.79429598	1.28506212	1.08578201	1.03756734	1.2010175
1.00E-04	0.01632946	0.00555311	0.56112297	0.34976163	0.22930624	0.70535921
1.00E-04	0.05900783	0.10298434	1.00E-04	0.11218808	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00789209	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0528141	0.17026045	0.36328314	1.00E-04	0.25047679	0.13045092	0.12142554
0.0368968	0.03459452	0.07272619	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60337236	0.31498221	0.34390614	1.00E-04	0.336811	1.00E-04	0.27633614
0.04046778	0.00767426	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08202869
1.00E-04	1.00E-04	0.03554639	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05922365	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01291827	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12629416
1.00E-04	1.00E-04	0.0302293	1.00E-04	1.00E-04	1.00E-04	0.07607224
0.06076114	0.06576177	0.03755994	1.00E-04	0.08373356	1.00E-04	0.07547057
1.00E-04	0.07184235	0.01935736	1.00E-04	0.67444018	0.39048617	0.21452541
0.88176458	1.19066368	1.2188211	0.23264109	0.21219673	0.78011139	0.9894956
0.07968233	0.04190717	0.0427334	1.00E-04	1.00E-04	0.48818099	0.41553849
0.43122098	0.41453804	0.50351897	0.35045198	0.09038585	0.40979385	0.50408777
0.77564507	0.52359021	0.58371119	0.16221073	0.98258028	1.0662471	0.93742776
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05338017	0.03194661	0.02327147	1.00E-04	1.00E-04	1.00E-04	0.08960781
1.00E-04	1.00E-04	0.00343136	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0876059	0.03455002	0.02660992	1.00E-04	0.30932389	0.11028223	0.05250905
1.03596407	0.55111308	0.65069696	0.52386521	1.48167029	1.2116765	0.68339445
0.21150075	0.24949776	0.28724104	0.56934262	0.14107242	0.32366123	0.7705264
0.03801915	0.02923994	0.02466519	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99599973	1.07578517	1.14628995	0.15353052	0.14741914	0.20106683	0.58795647
1.35028681	1.2681677	1.07311719	1.00E-04	0.35346889	0.40856089	0.41226524
1.00E-04	0.03843105	0.01279054	1.00E-04	0.2879148	0.11007937	1.00E-04
1.00E-04	0.00761915	0.00881824	1.00E-04	1.00E-04	0.12279593	1.00E-04
0.19897415	0.05827009	0.03053217	0.26272291	0.30750894	0.0995909	0.11349639
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00333515	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06185956	0.02541996	0.04015239	0.15568662	1.00E-04	1.00E-04	1.00E-04
0.50001315	0.22381839	0.36517144	0.3631691	0.31174145	0.12122252	0.40947414
1.48591674	1.22985441	1.40142203	0.43306655	0.72345207	0.66649476	1.00353355
0.02951748	0.0189145	0.00834748	1.00E-04	1.00E-04	1.00E-04	0.1935171
0.36423946	0.14837232	0.16814395	0.32276432	0.07524403	0.37345271	0.36687521
0.83986689	0.5064782	0.58107788	1.18784622	1.11083613	0.9213312	0.99606185
0.81399504	0.60598665	0.94005468	0.99397534	1.22795687	1.41299398	1.90821387
0.33714926	0.64889425	0.3021524	0.65348312	0.61346438	0.92460235	1.79778353

0.21340474	0.08462819	0.08530312	1.00E-04	0.26059649	0.1108131	0.26546716
0.24508665	0.16214248	0.2262091	1.00E-04	1.00E-04	1.00E-04	0.43485984
0.20114335	0.75233815	0.95029945	1.00E-04	0.7225795	0.13274304	1.00E-04
0.13724669	0.04507406	0.06233138	1.00E-04	0.15327404	1.00E-04	1.00E-04
0.22494947	0.11497008	0.15777916	0.36206633	0.17171132	0.17260875	0.44673867
0.01536182	0.0509305	0.05982959	1.00E-04	0.08892414	1.00E-04	1.00E-04
1.00E-04	0.00847197	0.02447248	1.00E-04	1.00E-04	0.11568984	1.00E-04
1.00E-04	0.01190101	1.00E-04	1.00E-04	1.00E-04	0.11337794	0.13025825
0.87078508	0.71880913	0.85558367	1.03861413	0.76348735	0.43340037	0.76230076
0.31821593	0.2449272	0.2590645	1.00E-04	0.31887009	0.27324989	0.16926799
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21674915	0.21783239	0.15373057	1.00E-04	0.15843334	0.05367652	0.24782502
1.25080409	1.4278211	1.43087531	2.27669449	2.709078	2.48856302	2.58437835
0.15210193	0.01440408	0.05681583	0.18099859	1.00E-04	1.00E-04	0.0937488
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.74544469	2.25632225	2.14661572	2.88518506	3.13420614	3.14254682	2.95150044
1.3817059	0.65404464	0.85764723	0.29151438	1.20687712	0.8513766	0.77295256
0.82331977	0.87604302	0.82059191	0.92968988	0.6249564	0.95248397	1.07706839
1.95390616	1.7431461	2.03898101	3.24057982	4.12765151	4.60687456	4.53162998
1.83838836	0.96775112	0.93451718	1.94795448	2.84129654	2.41693907	2.47657504
1.00E-04	0.05458611	0.04491608	1.00E-04	1.00E-04	0.03297791	0.15608857
1.00E-04	0.00610881	0.00676806	1.00E-04	0.08901642	1.00E-04	1.00E-04
0.01977523	0.09731607	0.02348486	1.00E-04	0.14171403	0.05187842	0.06330604
0.02349537	0.02241978	0.02839138	1.00E-04	1.00E-04	0.09048047	0.30710158
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01267841	0.02225064	1.00E-04	1.00E-04	0.04550415	0.12615866
0.20976733	0.23295862	0.28803744	0.49433271	0.21893372	0.43646188	0.13123469
1.00E-04	0.01803514	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06663816	0.04944077	0.06539653	1.00E-04	0.15382447	0.26068338	0.30537004
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05094752	1.00E-04
0.11916559	0.0308521	0.05195713	1.00E-04	0.12164258	0.12240582	1.00E-04
0.06277455	0.03545835	0.09021327	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47596657	1.15216441	1.38524175	0.36089514	0.3797907	1.18859421	0.81425322
1.78102328	1.25254963	1.37572251	1.6065481	1.88559545	1.79700338	1.65755044
0.29821196	0.18098761	0.26544567	0.74959542	0.76853396	0.65423444	0.52915735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12716132	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02869247	1.00E-04	1.00E-04	1.00E-04	0.13611059	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50681578	0.4010483	0.38415173	1.90476546	1.08238709	1.20321237	1.38999704
1.00E-04	1.00E-04	0.0052761	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.79192777	3.20311711	3.2546845	3.7772352	4.16673229	3.91706749	3.89832286
1.00E-04	0.00338213	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02359151	1.00E-04	0.08225155	0.42136746	0.22416624	0.1970634	1.00E-04
0.05430087	0.06549005	0.07095894	1.00E-04	0.19697805	0.14473001	0.1226924
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50717381	0.43156229	0.58703191	0.15645232	0.61974534	0.66386589	0.74994451
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04380409	0.02251507	0.03182655	1.00E-04	1.00E-04	0.20203144	1.00E-04
0.25388914	0.25398247	0.18414886	0.37337499	0.23132566	0.32894832	0.17731704
1.36778468	1.48297306	1.39945395	0.36504196	0.72513511	1.0401933	1.0419792
1.00E-04	0.00979418	0.03651496	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04848287	0.01138136	0.01729724	1.00E-04	0.10008937	0.17785357	1.00E-04
0.02887259	0.09579401	0.02892664	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01140701	1.00E-04	1.00E-04	0.47096416	0.04057333	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24278914	0.16580797	0.34335781	0.08400379	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03142737	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52581812	0.36924534	0.98676586	0.44823209	0.91746752	0.99027679	1.53602963
0.2543304	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2495499	0.26689438	0.50028035	0.49552314	0.40660636	0.14728486	0.77045528
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13703643	0.12929911	0.16780878	1.00E-04	1.00E-04	0.07438877	1.00E-04
0.18182741	0.05796324	0.1858655	1.00E-04	1.00E-04	0.04886005	1.00E-04
1.00E-04	1.00E-04	0.0268541	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00420969	0.00898139	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14787712	0.13375355	1.00E-04
0.02721494	0.01266831	0.08534752	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00400474	0.00749976	0.25146024	1.00E-04	1.00E-04	1.00E-04
0.02140213	0.066847	0.14363283	1.00E-04	1.00E-04	1.00E-04	0.05067802
0.01813041	0.02217087	0.04435139	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00637256	0.04092202	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00690245	0.91025484	1.00653918	2.01765815	1.56030671	1.32578793	1.69760927
1.8563941	2.14359568	2.02263947	1.37864559	1.40097166	1.73400453	2.15659501
1.69395225	1.90748839	1.86324714	1.96528419	2.0252153	1.8463255	1.88839606
2.32908697	2.21895574	2.33102628	2.32523483	2.81931243	2.83115384	2.78747864
0.59404531	0.40986579	0.66371591	0.8442954	0.79014371	0.9714844	1.19883512
0.91602121	1.21181526	1.20271674	0.5812075	1.06817314	1.3271963	1.46398577
0.89087853	0.58286331	0.54700348	1.32446646	1.46826948	1.34261168	1.38784621
0.09729287	0.02048301	0.02240174	1.00E-04	1.00E-04	0.09379123	1.00E-04
0.25793447	0.11778752	0.13953833	0.72187209	0.7057047	0.25127505	0.29216044
2.87571821	2.66555896	2.90548965	1.26111605	1.93196572	1.88361703	2.40770181

1.6731179	1.36682651	1.51643538	1.01400414	1.58474231	1.08892795	0.78771085
0.17951356	0.18714267	0.20204974	0.13256333	0.38389464	0.26678001	0.6377063
0.17226516	0.07905292	0.0808224	1.00E-04	1.00E-04	0.12297445	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1242879	1.00E-04	1.00E-04
0.81893015	0.72093749	1.07728055	0.35985881	1.64235328	1.08967434	1.45398906
0.28199762	0.64475768	0.53267964	0.30358765	1.00E-04	0.38416242	0.46256266
1.00E-04	0.00474416	0.02170251	1.00E-04	0.41394002	0.12335648	1.00E-04
2.10789224	1.67520508	1.75165429	1.53017082	2.16354223	2.42735241	2.68474565
0.08318871	0.06235269	0.05287031	0.09766573	0.63949453	1.32237364	1.60296469
0.26538578	0.22699528	0.23449976	0.76225555	0.66164733	0.46185901	0.81435934
0.02834907	1.00E-04	0.00365927	1.00E-04	1.00E-04	0.04995509	1.00E-04
0.0303348	0.10688362	0.03028521	1.00E-04	0.23869266	0.03902014	0.11071865
0.25830417	0.13502147	0.09092399	1.00E-04	0.15555626	0.07392749	0.11044143
1.00E-04	0.01330836	0.0253529	0.15588565	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00767853	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49505345	0.38881274	0.42323731	1.00E-04	0.3645063	0.20823064	0.1336642
0.06842576	0.01201242	0.00599022	0.67068323	0.5018442	0.38619019	0.26807075
0.01217893	0.01641419	0.04010815	1.00E-04	1.00E-04	0.06551811	0.35474436
1.00E-04	0.03902063	0.02017048	1.00E-04	1.00E-04	1.00E-04	0.13216168
3.41813346	3.2761256	3.48288271	3.62909543	4.00223614	4.03560318	4.09572183
0.77985048	0.33051796	0.36507298	0.3960368	0.70540615	0.17642484	0.89030674
1.34244578	1.71041788	1.39646989	1.03302314	2.19666532	2.19958112	2.03187442
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3627741	0.118184	0.0854579	0.23167718	0.35723699	0.12974591	0.29377518
0.07846097	0.17753208	0.29471522	1.00E-04	0.40232452	0.41949952	0.55201766
0.69739068	0.76432726	0.81550254	1.00E-04	0.18857097	0.31970037	0.40335306
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.29480138	1.48857721	1.72986215	1.00E-04	1.00E-04	0.39350202	0.15094262
1.12066299	0.75716587	0.8554469	1.51277248	1.13377728	1.25701113	1.3156337
0.02269534	0.01765753	0.01864193	1.00E-04	1.00E-04	0.05919201	1.00E-04
0.07699914	0.02642207	0.00572016	1.00E-04	0.07613881	0.16372415	1.00E-04
1.00E-04	0.00525845	0.02472553	1.00E-04	1.00E-04	0.12128422	0.22327503
1.00E-04	0.01132347	1.00E-04	1.00E-04	1.00E-04	0.17921893	1.00E-04
2.11977755	1.75823615	2.03662934	1.5753821	2.30348604	2.14596599	2.22508874
0.27540887	0.17832392	0.13556967	1.00E-04	0.58658141	0.59751468	0.33146915
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16338988	1.00E-04	1.00E-04
1.00E-04	0.01833803	0.0495455	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34959412	0.27848258	0.41651198	0.15365949	0.57526532	0.36330069	0.73895902
0.05238783	0.02272886	0.06781544	0.18802802	0.24313067	0.03956382	1.00E-04
0.04297947	0.03244146	0.02374364	1.00E-04	0.33380136	1.00E-04	0.4034184
1.00E-04	0.02486834	0.01037577	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12571071	0.49557258	0.55781168	1.00E-04	1.00E-04	0.06270974	0.12987456
1.00E-04	0.02465179	0.02117397	1.00E-04	0.09313372	1.00E-04	1.00E-04

0.13392359	0.08776851	0.08552179	1.00E-04	0.20748099	0.45831963	0.36035497
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13095678	0.42553583	0.69462514	0.47338853	0.88431627	1.40305879	1.61418032
1.37949376	0.96494609	0.98546134	1.04420462	1.40457602	1.31802044	0.85207395
0.65965557	0.71007181	0.89853357	1.66402365	1.3521907	1.75217509	1.96506098
3.48069707	4.01406711	4.10642445	3.17039508	3.54440176	3.82245366	3.98537514
0.10060016	0.07048642	0.10308109	0.2124051	1.00E-04	0.21860227	0.14065405
0.53179604	0.2255235	0.29525	1.26058623	1.12944215	1.22574784	0.79662294
0.08237346	0.05893998	0.0506728	1.00E-04	1.00E-04	0.08817138	1.00E-04
0.06673554	0.01002951	0.02064637	1.00E-04	0.2119332	1.00E-04	0.12063666
0.02881667	0.00869571	1.00E-04	1.00E-04	0.29014055	1.00E-04	1.00E-04
0.47927965	0.07702433	0.33239669	0.1364171	0.58039605	0.56079944	0.8296077
0.18944599	0.05955093	0.08058454	0.2679383	0.23394525	0.33032405	0.51949749
2.75928626	2.10736123	2.3941588	2.99557869	3.20862642	3.05341037	3.14091049
0.05783801	0.03592755	0.0531062	0.23271527	1.00E-04	0.12517143	1.00E-04
1.25321288	0.95503734	1.13206917	1.37993681	1.22800089	1.09384139	1.67608364
0.176398	0.15258042	0.14518745	1.00E-04	0.07069346	0.05945765	1.00E-04
0.23376182	0.1796373	0.28525555	0.47692507	0.26484832	0.40631782	0.38414904
1.34522423	1.69288555	1.69907589	0.12466307	0.66357765	0.99938599	0.85196133
0.11306081	0.11956641	0.16488463	1.00E-04	1.00E-04	1.00E-04	0.11880856
0.26909839	0.20566967	0.20537419	0.11310958	0.15015778	0.16234812	1.00E-04
0.87139838	0.67226652	1.01588052	0.59371796	0.53345886	1.55808716	1.72737116
0.25751684	0.20139328	0.28704058	0.08519544	1.00E-04	0.09269706	1.00E-04
3.17167034	3.50323	3.46738719	1.73061164	0.6725551	1.06982994	0.69361387
0.12432872	0.03903697	0.01249744	1.00E-04	1.00E-04	0.05989068	1.00E-04
0.66845874	0.51560866	0.56181803	0.29819448	0.71529104	0.77616527	0.97429884
1.00E-04	0.05175551	0.12872993	1.00E-04	0.2010792	0.07392749	0.37466899
1.00E-04	1.00E-04	0.00498328	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3960456	0.90643052	1.07294318	0.81515187	1.11272054	1.08481266	1.26311357
1.00E-04	0.01220464	1.00E-04	1.00E-04	0.04304737	1.00E-04	1.00E-04
0.20823585	0.25413696	0.23821084	0.08520535	1.00E-04	0.29405207	1.00E-04
0.04553746	0.0920374	0.05814849	1.00E-04	1.00E-04	0.06241431	1.00E-04
1.4419699	0.89997146	1.1971078	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84401557	0.6518891	0.85502192	0.24710898	0.90717955	0.79788688	0.99549771
1.42161606	1.29304488	1.57676837	1.51757459	1.77170303	2.09059437	2.30033052
1.49249537	1.6073252	1.73915584	1.48575203	2.16782984	2.32565191	2.45308099
0.34486485	0.55817215	0.49414758	0.53376468	0.62034664	0.74182549	0.5158004
0.82390554	0.8373308	0.69589217	1.13102408	0.70653318	0.85605543	0.86070924
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04626654	1.00E-04	1.00E-04	0.10868993	0.1320397	1.00E-04
1.00E-04	1.00E-04	0.00397858	1.00E-04	1.00E-04	1.00E-04	0.21977527
0.67586744	0.31473542	0.42279075	1.58247013	1.38153722	1.1267583	1.88887614
0.29618603	0.22196633	0.28306536	0.42851598	0.76269378	0.39570678	0.90517081

0.04717359	0.145869	0.13385778	1.22446725	0.64913954	1.13650985	1.22831149
0.02551801	0.03950571	0.09381833	1.00E-04	0.27079272	0.31737701	1.00E-04
1.01278147	1.10401296	1.1084071	0.59928095	0.83610191	1.2336675	0.99534885
0.77193289	0.57012459	0.81037895	0.84793578	1.19178806	1.52635786	1.06040444
0.22287431	0.24417559	0.22337962	0.45296467	0.75699112	0.46664433	0.763357
3.15640053	3.3553643	3.38601915	2.0258957	1.87088087	2.30875526	2.48984938
1.3137265	0.94366359	1.49607765	1.41468562	1.41140915	1.71763761	1.83787163
0.11449803	0.0613289	0.17241755	1.00E-04	1.00E-04	1.00E-04	0.2375259
1.00E-04	0.01610191	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02117905	0.01306332	1.00E-04	1.00E-04	1.00E-04	0.11474279	1.00E-04
0.28880468	0.64474666	0.7077683	0.20931989	0.23909791	0.30565124	0.14415434
0.26254305	0.24318199	0.33946457	1.00E-04	0.28872068	0.10744804	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41873411	0.29556724	0.41107385	0.0975227	0.3475596	0.22600347	0.50676226
0.11681472	0.12943097	0.14692157	0.53408646	0.15761359	0.33287661	0.43589496
0.11783143	0.05203569	0.02779862	1.00E-04	0.11576264	0.08973037	1.00E-04
1.09428968	0.54905723	0.99422125	2.65738088	2.702578	2.76329946	2.76475622
0.29049108	0.17069934	0.40101224	0.84442699	1.15283881	1.40908557	1.7070665
0.25014229	0.49328908	0.74587367	0.87388047	0.68177846	1.22576536	1.71710346
0.32176862	0.70418431	0.59372025	1.00E-04	0.0997866	0.32315561	0.70701449
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17607654	0.10994939	0.15969808	0.21099387	0.28082815	0.09630384	1.00E-04
0.04404296	0.07561014	0.08620071	0.1364171	1.00E-04	0.30961636	1.00E-04
1.50448503	1.55625747	1.74070237	1.63330498	1.62538267	2.31666605	1.96258988
0.11575247	0.09807229	0.13934212	1.00E-04	1.00E-04	0.31271185	0.09722194
0.35387844	0.24983466	0.45243863	0.6097823	0.64285631	0.58360675	0.61450626
1.69665698	1.94166913	2.08916373	0.76840908	0.92847788	1.20001368	1.05629954
0.26925247	0.35060916	0.34193178	0.18474761	1.00E-04	0.3143209	0.39364401
0.09664077	0.1240938	0.06334024	0.22935148	1.00E-04	0.09629183	0.36906863
0.38714167	0.50892586	0.52947015	0.15408014	0.76444834	0.68149591	1.18920306
0.05022523	0.10212214	0.05543071	1.00E-04	1.00E-04	0.0415994	0.5631132
0.10834039	0.03950377	0.00991707	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80606171	0.35348296	0.41502267	0.24472964	1.51811001	0.55243073	0.27759619
0.87837415	0.24009484	0.21083562	0.22593892	0.74220112	0.32386883	0.16208747
0.03161138	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7216392	0.22557826	0.32640471	1.00E-04	1.06157516	0.80803327	0.76497151
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.010216	0.03568579	0.02622857	1.00E-04	0.15058004	0.1586663	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42356903	0.36024541	0.50402466	0.35447705	0.42625004	0.91369572	0.58205689
1.00E-04	1.00E-04	1.00E-04	0.31163204	1.00E-04	1.00E-04	1.00E-04
0.55713662	0.08570056	0.14247422	0.69154901	1.0405738	0.87575493	0.39479957

2.61411459	2.37068598	2.65864385	3.13540517	3.20333692	3.26547224	3.32218454
0.51729335	0.2214595	0.28656852	0.45923628	0.30687407	0.31043382	0.12376851
1.00E-04	0.01301037	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02096915	0.00426128	0.02451631	1.00E-04	1.00E-04	0.05770253	0.25281751
0.38385405	0.29961939	0.19528483	0.37966444	0.2400516	0.05396804	0.10853912
0.06083316	0.09475595	0.07616125	1.00E-04	0.19239772	0.31247421	0.17746834
0.07920392	0.05891298	0.10034975	1.00E-04	0.230204	1.00E-04	0.18728109
0.14575511	0.12815363	0.17979434	0.51821946	0.91003781	0.98749748	0.94714734
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30940352	0.63994419
0.32966899	0.31685358	0.43001562	0.38757675	0.86173217	0.82567571	0.82533952
0.09123412	0.00366233	0.10381347	1.00E-04	0.73204478	0.26009485	0.07090837
1.00E-04	0.00424321	0.00563054	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01192269	1.00E-04	1.00E-04	0.13462935	0.42548672
0.10121208	0.0857132	0.0534936	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88693967	0.92659741	1.02979233	1.00E-04	0.55070338	0.19696763	0.23170294
0.70221608	0.1575896	0.12540972	0.12636275	0.21255686	0.13182049	0.16631946
0.95080819	1.3310853	1.37652709	1.00E-04	0.6406123	0.5980724	0.78360941
1.00E-04	0.0074086	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11193474	0.01207232	0.10755734	1.00E-04	1.00E-04	0.0509584	0.1552636
1.00E-04	0.00972075	1.00E-04	1.00E-04	1.00E-04	0.06249609	1.00E-04
0.0672459	0.06365545	0.02063192	0.08114769	1.00E-04	0.72494024	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1690377	0.12949544	0.11780558	0.39206931	0.48313692	0.31135578	0.32150928
0.06188114	0.08095841	0.09782131	1.00E-04	1.00E-04	0.10703621	0.16285803
0.07253996	0.01785862	0.04554092	0.44884427	1.00E-04	1.00E-04	1.00E-04
0.10782852	0.02473317	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27595269	0.21438316	0.35858792	0.15385335	0.44218429	0.30275532	0.64874006
1.00E-04	0.00690077	0.00592609	0.06241725	0.15410117	1.00E-04	1.00E-04
1.00E-04	0.00700238	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18768029
0.3260921	0.3177436	0.29367346	0.28215476	0.73354227	0.88775825	0.90949666
1.07112462	0.59083243	0.7392096	0.38278937	0.46479165	0.74246273	0.91469799
0.18434223	0.12754532	0.04922509	0.10464164	0.37334902	0.19192137	0.43275263
0.58499396	0.49141588	0.39999479	1.00E-04	1.00E-04	1.00E-04	0.07566466
0.10728845	0.46828614	0.6457644	1.00E-04	1.00E-04	0.09449768	0.49043865
0.23133477	0.53092393	0.70899163	0.15115191	1.00E-04	0.0383612	0.24062372
1.00E-04	1.00E-04	0.02613127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19524984	0.05817641	0.14194619	0.06833988	0.44829403	0.19813897
0.02047305	0.042515	0.05923588	1.00E-04	1.00E-04	0.21960455	1.00E-04
0.12891098	0.00849632	0.05797461	0.44893566	0.84611302	0.45840848	0.65565482
0.08396298	0.02235536	0.08835276	1.00E-04	0.37486552	0.14676858	1.00E-04
0.16705505	0.12096438	0.14561583	1.00E-04	0.27433642	0.2120577	0.16245005
1.14073291	0.83247094	0.98605168	1.56360889	1.71712156	1.75328807	1.35701198

0.59047664	0.43539079	0.71507316	1.47836648	1.30855004	1.4818277	1.58119855
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4079471	0.44391411	0.49479873	0.67121942	0.50382179	0.7132635	0.86586015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2017684
0.39023532	0.194271	0.30190144	0.77252642	1.27487296	1.03323062	1.21615679
1.61635593	0.95942164	0.80423423	0.93844792	1.57283489	1.05739576	1.17847775
1.56787136	1.5266225	1.86654657	1.00E-04	0.21666695	0.33445676	0.31732458
1.00E-04	1.00E-04	0.01178177	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30755987	2.86815884	2.68686169	0.84285622	0.69208195	1.07696422	0.96244885
1.56292378	0.97958877	1.11858741	1.16143823	1.52356224	1.03741567	0.99796421
1.00E-04	0.0532987	0.0369174	0.32212776	0.24679137	0.14362493	1.00E-04
3.55725457	2.73209717	3.05328059	3.14251279	3.23942564	3.09313432	3.63069949
0.06265694	0.006386	1.00E-04	1.00E-04	0.34390266	0.09138227	0.11505068
0.08947057	0.10807189	0.08813285	1.00E-04	0.18069916	1.00E-04	1.00E-04
0.2066263	0.27043239	0.14505062	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01127057	2.32531738	2.4372068	2.05733706	2.25525427	2.52010086	2.63999035
1.00E-04	0.00387147	0.02634898	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01830651	0.01500904	1.00E-04	1.00E-04	0.16878726	1.00E-04
1.00E-04	0.00577515	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0057808	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63807292	0.49819331	0.47432814	1.00E-04	0.27983521	0.10106896	1.00E-04
2.73163651	2.59633214	2.27116801	0.2230448	0.73323823	1.1035283	0.79571951
0.66698245	0.32237629	0.45302407	1.94116468	1.6377931	1.32707014	1.35824282
1.00E-04	0.00589584	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17143871	0.81610365	0.70132947	1.00E-04	0.20261584	0.46587443	0.1572023
0.9240636	0.62939059	0.47857541	0.51559792	1.07798585	1.00229862	0.92571337
0.56706364	0.52706557	0.51311636	1.00E-04	1.00E-04	0.11688155	0.36340189
4.2630243	3.83565893	4.23613715	0.96909894	0.94519081	0.86453999	0.71384099
2.59922704	2.30256805	2.45528073	3.35338862	3.18775567	2.96508643	3.25410667
2.67760935	2.62768125	2.78851988	2.93641171	3.29265175	3.5328072	3.54351322
1.21040601	0.86724873	1.0914204	1.22774382	1.25581292	1.53656803	1.24925281
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04041296	0.02419563	0.0682908	1.00E-04	1.00E-04	0.02183353	1.00E-04
0.76168781	0.70607059	0.57605954	1.00E-04	0.09162161	0.11646774	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.03981478	1.00E-04
0.02405036	0.04579479	0.03011846	0.51349957	0.42492725	0.4195297	0.84471595
0.04711565	0.01447293	0.01066265	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2064661	1.09623841	1.29236536	1.37501595	1.92639723	2.21425775	2.20854289
1.00E-04	0.03194579	0.1004089	1.00E-04	1.00E-04	0.14701453	0.21498661
1.00E-04	1.00E-04	0.0310936	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18655872	0.08773332	0.16645977	0.43820413	0.43704673	1.00E-04	0.03608624
1.00E-04	0.00496365	1.00E-04	1.00E-04	0.10447896	0.04732814	0.10741582

0.10616574	0.09865806	0.22452377	0.34478942	0.24645988	0.5675599	0.41225335
1.00E-04	0.00415001	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3660382	1.63135118	1.98676321	1.87886739	1.44388578	1.82331887	1.73781535
0.06489415	0.09688531	0.18208082	1.36126961	1.37133405	1.4970665	1.82367987
0.02648817	0.04546246	0.03344016	1.00E-04	0.29253048	1.00E-04	0.23001477
0.11710345	0.02128047	0.02048655	1.0275726	1.41117302	0.8353095	1.1769244
1.10955174	1.24447568	1.36313313	0.94539837	0.86350589	0.98336396	1.50161206
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08835744	0.19383615	0.14281714	0.08231455	0.12686297	0.19489424	1.00E-04
3.25187866	2.79301568	3.0553223	3.87986843	4.29196417	4.26285817	4.45012275
0.36972712	0.35373973	0.22057075	0.20324515	0.36229898	0.31825259	0.6072966
0.02581943	0.00906267	0.00665681	1.00E-04	1.00E-04	0.05502645	0.18919259
1.01490903	0.70115236	0.7131058	0.83652015	1.00158542	1.4166972	1.35976347
0.09405606	0.21601111	0.23920161	0.08231455	0.23340368	0.19628517	0.37358637
0.02621864	0.05410989	0.06715074	1.00E-04	1.00E-04	0.18089179	0.24431702
0.22421269	0.16312108	0.15192826	0.07395683	1.04204638	1.02901309	0.65335771
4.52306856	2.94881343	3.65680806	5.00278276	4.54443061	3.32868849	4.20554285
3.69150927	2.98063644	3.26831591	4.08053158	4.29676145	4.38113734	4.50610727
0.08633577	0.38751027	0.27541036	1.00E-04	1.00E-04	0.12386956	0.17485597
0.08747623	0.06355087	0.19941521	1.00E-04	0.38844052	0.07898022	0.13969996
0.16436991	0.15556983	0.2138868	2.49171112	2.68863321	3.29014883	3.4312446
1.00E-04	0.03834595	0.03998318	1.00E-04	1.00E-04	0.39478981	1.00E-04
0.02927578	0.05517066	0.03342695	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8341266	1.63696932	1.58160461	0.5375509	0.45744283	0.49665828	0.46706295
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21579204	0.07995132	0.10571048
0.12852363	0.19893087	0.19754656	0.0702086	0.11705863	0.20654015	0.29168651
1.00E-04	0.0053461	0.0115996	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16541078	0.13545381	0.25534961	0.21252871	0.25174729	0.48937612	0.39994436
0.34820003	0.1842139	0.37988136	1.0084736	1.02732285	1.0993136	0.8993289
0.33923138	0.49962006	0.49402879	0.39458384	0.17638055	0.13362722	0.31231585
0.03074734	0.06128213	0.10414464	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03666254	0.00982551	1.00E-04	1.00E-04	1.00E-04	0.075519
1.75755217	1.62119167	1.59917692	0.49978051	0.1764169	0.47411157	0.38422946
1.00E-04	0.00553613	1.00E-04	1.00E-04	0.36520293	0.46416105	0.59188595
0.10002789	0.04310167	0.07185612	0.25816404	1.00E-04	0.13442419	1.00E-04
2.85975261	2.81126115	2.8910744	3.06561389	3.46968723	3.38260908	3.64491385
0.3578861	0.69224023	0.56197437	1.00E-04	1.00E-04	0.28625573	0.05129634
1.94432024	1.71779291	1.85678242	1.42964971	2.0712924	2.06371484	2.42977604
0.09919803	0.07164331	0.04396657	1.00E-04	0.21508334	1.00E-04	0.07113694
0.2671704	0.07605093	0.07378828	0.41489499	0.15031585	0.20784389	1.00E-04
0.22896002	0.14844964	0.25652545	1.00E-04	0.39633121	0.55480723	0.75249241
0.03703606	0.0075699	1.00E-04	1.00E-04	0.23952597	1.00E-04	1.00E-04
1.83627225	1.57460349	1.610191	1.80226257	1.81411175	1.74214179	1.74468202

1.00E-04	0.03280811	0.00814154	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02278423	0.03940653	1.00E-04	1.00E-04	0.53588085	1.00E-04
0.26285311	0.18359509	0.65298214	1.21537416	1.16690135	1.6207868	2.41394865
2.39431462	1.95043708	2.08942865	2.60287392	2.77242667	2.59739755	2.85728456
3.66882454	3.36508244	3.68838726	1.6037135	1.45601526	1.28137467	1.46958502
1.00E-04	0.01022921	0.01671251	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80483017	2.06819231	2.16132597	0.73255311	1.53523763	1.42801898	1.70659507
1.587542	1.11922511	1.39807195	2.19010489	2.55244033	2.54615202	2.71708581
0.02725353	0.04656313	0.16281405	1.00E-04	1.00E-04	0.06441559	1.00E-04
1.00E-04	0.04271373	0.10031833	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13001557	0.03327067	0.05275871	0.19304367	0.68668278	0.60021219	0.829949
1.00E-04	0.00554305	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01591639	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1232785	2.17631879	2.14522479	2.04316492	2.01585399	2.48657215	2.66334136
1.00E-04	0.00230971	1.00E-04	1.00E-04	1.00E-04	0.04686317	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0541516
1.00E-04	0.02403175	1.00E-04	1.00E-04	1.00E-04	0.03560672	1.00E-04
1.00E-04	0.05034773	0.07952946	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.40282022	2.36952511	2.12998229	0.45821524	0.85417008	0.85556604	0.51710428
0.02370914	0.02539683	0.0189597	0.1589679	0.11632806	0.23105637	0.01875595
0.01916154	0.11185242	0.09270161	1.00E-04	0.13665224	0.10761137	1.00E-04
2.54734825	2.8206582	2.97102744	2.69532125	3.10455345	3.43200139	3.23462101
0.15407386	0.37103583	0.34931483	0.16293332	1.00E-04	0.37804806	0.53878863
2.99778079	3.11377726	3.17951526	3.16708393	3.45241827	3.55029286	3.59186019
3.40760462	3.12957492	3.09109662	3.72032995	4.24932477	3.91664378	3.94014003
0.65610548	0.4908063	0.47287485	0.2083459	0.30783482	0.59049958	0.52223339
0.33143612	0.12258258	0.11187613	0.23264109	0.11313543	0.0954436	1.00E-04
1.00E-04	1.00E-04	0.00724373	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23599809	0.07799155	0.09407594	0.31942382	0.02237225	0.22814651	0.1841339
0.15716009	0.27261998	0.26710172	0.18498288	0.18126091	0.21529165	0.12629416
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08344448	0.07738581	0.08363478	0.17456038	1.00E-04	0.39565853	0.50202923
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.30973709	3.26576468	3.24081483	2.31369009	2.48154859	2.78262245	2.89240711
0.61719813	0.39873877	0.5463291	1.64454346	1.90574018	1.98703523	2.09263815
1.84241651	1.44178542	1.51979882	1.18883273	1.56185852	1.72523506	1.84625569
1.00837961	1.05646429	1.14861901	1.4646401	1.28117813	1.25535788	1.26055499
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04470892	1.17194794	1.01639054	1.00E-04	0.12425187	0.26947348	0.43516634
0.93174838	0.5484768	0.7801214	1.00E-04	1.00E-04	1.00E-04	0.32574843
0.36686199	0.14530921	0.22346292	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.9539952	1.66124934	1.78385449	2.1950645	2.37190629	2.02074193	1.9071132
2.80040903	3.20395418	3.28905448	1.56865586	1.08500895	1.79135272	1.65285252
1.29136321	1.24846549	1.66338357	1.60455302	1.90090041	2.05710381	2.10605506
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13152104
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02394148	0.07230701	1.00E-04	0.42465297	1.00E-04	0.47155425
1.00E-04	1.00E-04	0.05542013	1.00E-04	0.21656675	1.00E-04	0.13231041
2.30393709	1.93532245	2.07654975	2.98853881	3.29563109	3.11026661	3.12246181
1.00E-04	0.01634539	0.01034216	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49630056	0.32879255	0.37194751	1.8364336	2.33248992	2.03876854	2.16761287
1.00E-04	0.00650037	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03210653	1.00E-04	1.00E-04	1.00E-04	0.12666028	1.00E-04
0.20205703	0.24259893	0.31463523	1.8724815	1.66470158	1.40483823	0.95114786
0.02001725	0.05558506	0.07148032	1.00E-04	0.25367283	0.14985578	1.00E-04
0.0966319	0.07596296	0.10864769	0.44590297	0.77053394	1.25467129	1.41477483
1.47338539	1.36892593	1.43894104	1.70376625	1.602455	2.0685313	2.31311691
1.00E-04	0.01038511	0.04143659	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99395448	0.75869142	1.05936044	1.70203887	1.8207507	2.47644715	2.36656087
0.70206442	0.70656422	0.89577489	1.00E-04	0.27739798	0.77514725	0.32603051
0.2615002	0.27540301	0.38575227	1.00E-04	1.00E-04	1.00E-04	0.17526129
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18396995	0.0864603	0.10838122	0.19753095	0.26794416	0.61790185	0.40452336
1.00657021	1.22135675	1.038764	0.2995708	1.00E-04	1.00E-04	0.17891699
0.02373476	0.004799	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05870728	0.03161522	0.01616058	1.00E-04	0.33972465	0.24661851	0.24135368
0.02368358	0.06471828	0.16449049	1.00E-04	0.18268056	0.30714207	1.00E-04
0.07960121	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21603862
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18222469	0.26629306	1.00E-04	1.00E-04	1.00E-04	0.11762034
1.79315458	1.62666627	1.73298873	1.88385498	2.4218497	2.20462092	2.15667046
1.61480619	1.17192958	1.02166845	0.63934662	1.44702367	0.93663581	0.742572
1.09331639	0.35297329	0.57047117	3.05007867	3.03706711	2.7431289	2.97643522
1.61916993	1.14271812	0.71805329	1.99615121	1.76259762	1.77573982	1.25048388
0.91821812	0.98721069	1.25862261	0.18271748	0.33815165	0.36734051	1.00E-04
0.02021641	0.02107667	0.00890808	1.00E-04	1.00E-04	1.00E-04	0.04149621
1.00E-04	0.02287528	0.05833775	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00444691	1.00E-04	1.00E-04	1.00E-04	0.04841374	1.00E-04
1.53614929	0.82060513	1.11921059	2.5830185	3.06322208	2.37020568	2.16794573
1.26129548	1.57133669	1.65487907	1.56982793	1.62475575	1.99303735	2.02757104
0.02941206	0.0159827	0.02672039	1.00E-04	1.00E-04	0.11040564	1.00E-04
0.03897664	0.01452476	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.04099658	0.02065879	0.04081072	0.47218207	0.72591632	0.54719161	0.52246573
0.15805711	0.18404697	0.17482021	1.00E-04	0.06259662	1.00E-04	1.00E-04
1.00E-04	0.00374136	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1131325
0.18408615	0.17970894	0.26686312	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02179452	0.03241328	0.06020353	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00712198	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74776244	0.41782932	0.41480823	0.10064463	0.78577902	0.70448799	0.61582955
0.4089746	0.77553524	0.64598887	1.00E-04	1.00E-04	0.40792223	0.39172136
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.53104381	3.62030133	3.44411375	1.03666532	1.11714196	1.78940934	1.4518865
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.03293692	1.00E-04
0.77937329	0.5113723	0.54814217	1.11913607	1.56414848	1.47965275	1.46640553
4.81706032	5.26287224	4.831533	2.16905327	2.23916214	3.06269621	2.46123258
0.28323927	0.29112948	0.36959059	1.00E-04	0.40990303	0.2612055	1.00E-04
0.57593937	0.07281535	0.04779417	1.37075652	1.08021301	0.96409268	1.3580244
0.2574597	0.25640275	0.35497721	0.07371875	0.17937901	0.36808228	0.30875058
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06613592	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17961481	0.35953757	0.37952113	1.00E-04	1.00E-04	0.41047029	0.14356743
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.36009756	1.75236099	2.37698667	0.81175492	0.81927943	0.72096434	0.70258093
0.0799108	0.0539802	0.0810395	1.00E-04	1.00E-04	0.25849012	0.32969499
0.86249918	1.15333289	1.01989845	1.00E-04	0.63958917	0.50326067	0.49613382
0.04444577	0.11495779	1.00E-04	1.00E-04	0.29013184	0.37832073	1.00E-04
1.00E-04	0.02355717	0.00520489	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07953255	0.05980726	0.05326977	0.20156306	0.21785941	1.00E-04	0.21338951
0.29243122	0.17751222	0.28873972	0.40008624	0.66816066	0.85223281	0.50078415
0.31728338	0.27349381	0.50624886	0.1972111	0.35438934	0.11037442	0.41892258
0.35917449	0.23346633	0.31562912	1.00E-04	0.11105475	0.05723171	0.42508873
1.00E-04	0.08489217	0.02716934	1.00E-04	0.13744117	1.00E-04	0.15278327
0.04683097	0.12843713	0.09516996	1.00E-04	0.31504688	0.10494051	0.22260491
0.09337743	0.08783502	0.11898452	1.00E-04	0.42869756	0.23219619	0.32963714
0.33970897	0.2762786	0.40748111	1.00E-04	0.80645231	0.70640441	0.48653491
3.13982388	2.45234437	2.668167	3.93121767	4.42555999	4.3746117	3.88029714
0.41579625	0.20751724	0.20718894	0.26598257	0.94874422	0.39218174	0.82849914
1.00E-04	0.03304516	0.01806557	1.00E-04	0.09247105	1.00E-04	0.15530469
1.00E-04	0.0052323	0.00389881	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62321409	0.11723375	0.37959855	1.00E-04	0.56250629	0.31036541	0.58287227
0.02085631	0.01682029	1.00E-04	1.00E-04	1.00E-04	0.05468578	0.14059106
1.00E-04	1.00E-04	0.00585757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03668486	0.03171802	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.0261158	0.00498328	1.00E-04	1.00E-04	0.20885454	0.2172524
0.14471588	0.05726592	0.1334906	1.00E-04	0.43346916	0.30107295	0.34595368
0.12457945	0.12441901	0.10156183	0.32757463	1.00E-04	0.57741273	0.17843064
0.44599742	1.01184964	0.93359897	1.00E-04	0.09366255	0.42153099	0.26816478
1.00E-04	0.01084592	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01334217	1.00E-04	1.00E-04	0.07170436	1.00E-04
0.04588334	0.07298874	0.05318889	1.00E-04	1.00E-04	0.04444424	1.00E-04
0.81831352	1.0163758	1.11224691	0.22894334	0.37181088	0.64578896	0.2986002
0.35226034	0.38047283	0.30129273	0.33185362	0.27990723	0.5048352	0.70954745
0.05126956	0.01953091	0.01657128	0.16458297	0.63975247	0.71746414	0.99220918
1.00E-04	1.00E-04	0.00698394	1.00E-04	0.07490245	1.00E-04	1.00E-04
0.01283004	0.01228301	0.00619092	1.00E-04	1.00E-04	0.08131046	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73827528	1.66749607	1.20907348	0.24730781	0.14380688	0.79344928	0.3118412
0.01770179	0.00897025	0.04127239	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4226558	0.16380887	0.16440865	0.37397681	0.35454555	0.44292017	0.50692385
1.0715625	0.88002372	0.86937123	1.45582083	1.70481074	1.75570848	1.81588823
1.00E-04	0.00785839	0.03099516	1.00E-04	1.00E-04	0.19119667	1.00E-04
0.2694687	0.18902493	0.09876528	1.00E-04	1.00E-04	0.10094989	0.24039118
2.41502361	2.34237247	2.52810308	2.63629446	2.91289082	2.90490149	2.88009167
0.02419417	0.06355435	0.10108233	0.29868936	0.25555633	0.08000498	0.30749023
0.86412305	0.88354419	0.66937842	0.14189115	0.31015333	0.55154601	0.1344885
1.00E-04	0.00855311	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15039672	0.19392586	0.22615727	0.16167299	0.09181776	0.02955753	1.00E-04
0.0672968	0.08749549	0.0412658	1.00E-04	0.03162172	0.06965175	0.09842845
0.97192559	1.17699867	1.36165319	1.00E-04	1.00E-04	0.1272437	0.53715857
0.05489481	0.00343349	0.02709996	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08728848	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01503542	0.02989508	1.00E-04	1.00E-04	0.10857393	0.08758461
1.00E-04	0.01686167	0.03097039	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15692109	0.0425994	0.05471943	0.42946912	0.39334709	0.10184491	0.53610751
2.62213733	2.65533324	2.63294764	3.35518138	3.57043016	3.50596577	3.67132892
0.07253937	0.06444309	0.15061871	0.57932066	0.74376154	0.42210736	0.44810516
1.00E-04	0.03334551	0.01860621	1.00E-04	1.00E-04	0.07783714	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.52716649	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59958783	2.45333016	2.49477608	2.80326123	3.01955566	3.25968692	3.47802961
0.19931603	0.09305399	0.09310765	0.28716169	0.7026438	0.27699605	0.36186833
1.00E-04	1.00E-04	0.01825388	1.00E-04	1.00E-04	0.13066357	1.00E-04
0.41347192	0.17555414	0.25111128	1.00E-04	0.36239396	0.07297719	0.20130689
1.00E-04	1.00E-04	1.00E-04	0.3466647	0.3554368	0.10443469	0.42600028
0.1817414	0.0937599	0.06780536	1.00E-04	1.00E-04	1.00E-04	0.04772625
1.04341811	1.42462167	1.35718528	0.5435196	0.80804297	0.78864247	0.67153945

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87128782	0.64735474	0.87717592	0.36441367	0.77421527	0.63834659	0.99138318
2.88218669	2.47361855	2.72351902	3.89998254	3.91338979	3.99243036	4.03204951
0.42308666	0.33310196	0.16801223	0.43565906	0.29730475	0.13059213	0.3806174
0.69189176	0.27333643	0.4393417	1.11261173	1.58660785	1.10322603	1.13343184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12824413	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00546616	0.03006068	1.00E-04	1.00E-04	1.00E-04	0.05485821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09633471	0.11799762	0.18123053	1.00E-04	0.34871754	0.16523012	0.23186137
1.5486548	1.23785811	1.28656208	1.48289893	2.3714214	1.9154031	2.07857361
1.26381832	0.96893303	0.99673737	2.02891973	2.2311565	1.77344761	1.87488304
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.01973013	5.16582773	5.0369861	3.441363	4.01973246	4.42968118	4.49082048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.03593935	1.00E-04
1.00E-04	1.00E-04	0.00950115	0.15203124	0.67907557	0.55103535	1.11858446
1.62797373	2.25910079	2.2292024	1.81202291	2.19209189	2.27499596	2.33734196
4.38329943	3.82941317	3.59687898	1.55198292	2.4810678	2.51100622	2.34433066
4.38227507	5.34138046	5.26165393	2.12427105	2.59734351	3.89301516	4.12373866
0.59936984	0.4714505	0.64286375	0.15149614	1.00E-04	0.20238699	1.00E-04
0.07513402	0.11061759	0.10413249	1.00E-04	1.00E-04	0.15308985	0.40790889
1.00E-04	0.03002146	0.0279779	1.00E-04	0.16376478	1.00E-04	1.00E-04
0.20552108	0.13896061	0.17107259	0.21371439	1.00E-04	0.14962642	1.00E-04
3.045393	2.97107648	2.96155842	4.02828294	4.46107188	4.61031572	4.49310973
0.37460806	0.15488506	0.20143412	0.21471554	1.00E-04	0.04732814	0.12424801
1.00E-04	0.02477184	0.04339613	0.16221073	1.00E-04	0.04516807	1.00E-04
0.25160728	0.21210936	0.36847772	0.86267717	0.37520225	0.44532024	0.40824743
1.00E-04	0.0055925	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07287959	0.99571574	1.10161404	0.36275765	1.22562426	1.643308	1.83150961
0.082398	0.23607214	0.29059108	0.58216944	0.27624301	0.4768023	0.37810142
0.05001294	0.02699079	0.0619658	1.50963304	1.94510624	2.54734241	2.63532374
1.00E-04	0.00975656	0.03416752	0.19152426	1.02249321	1.40198508	1.51837156
0.07424294	0.03273938	0.0403821	0.15678759	1.00E-04	0.07926028	1.00E-04
1.07407912	0.63390168	0.57451474	1.43679291	1.32922517	1.21067122	1.14143829
0.50624033	0.29609842	0.36729655	1.24606833	1.65150674	1.02947071	1.97195819
0.28711897	0.10959943	0.04830692	1.00E-04	0.35959415	0.08484514	1.00E-04
0.09432189	0.07379849	0.06252124	0.51222193	0.318143	0.33643298	0.41543948
0.12779472	0.06229535	0.07171452	1.00E-04	0.38917397	0.31226585	0.38994802
0.02863775	0.04940222	0.18539349	1.00E-04	1.00E-04	1.00E-04	0.13816747
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03388913	0.0335334	0.09757466	0.02539601	0.19907503	0.14977636
0.69830916	0.63388689	0.36521816	0.14719932	0.34140506	0.3298265	1.00E-04
0.07800884	0.01022011	0.00544001	0.10863018	0.15021043	0.05372489	1.00E-04

0.99128521	1.28633801	1.26648405	0.73958245	0.64294722	0.80380458	1.32260156
0.02413594	0.04819865	0.07757862	1.00E-04	1.00E-04	0.05341205	0.075519
1.00E-04	0.02033261	0.00738597	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10982816	1.4558351	1.43417258	1.00E-04	0.34557649	0.44207454	0.50711077
0.83779668	0.67870096	0.66314049	0.40854478	0.96253733	1.16613273	1.26811813
0.50172469	0.48532281	0.74383008	0.35361279	0.56797778	1.48312754	1.95017776
1.00E-04	0.04651898	0.060584	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32241959	0.19035812	0.14777939	1.00E-04	0.15878577	1.00E-04	1.00E-04
0.25178601	0.10936794	0.16133088	0.16188766	0.80128861	0.4321562	0.38453482
0.12241639	0.040857	0.08119401	1.00E-04	0.24824689	0.06404013	1.00E-04
0.95018442	0.59136192	0.77052238	0.40520474	0.94009318	1.02828203	0.96946556
0.02047305	0.01569152	0.04473302	0.29981766	1.00E-04	1.00E-04	1.00E-04
2.53563654	2.84798552	2.41220795	2.09159129	2.23456556	2.20830726	2.27831555
2.84440338	2.84574356	2.61573367	2.50133453	3.18186275	3.18347228	3.26926412
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05200383	0.01530995	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11505409	0.02173741	0.03227679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.31335836	0.838868	1.05423295	1.24679652	1.95900999	1.47966575	1.90119777
1.00E-04	1.00E-04	0.0199157	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23793817	0.19007444	0.19028837	1.45772896	1.75430411	1.71929011	1.5964428
0.02886536	0.04661398	0.05900466	0.57189929	0.63539136	0.22878853	0.6497516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01755826	0.03733534	0.06031377	1.00E-04	0.13535731	1.00E-04	1.00E-04
0.08557657	0.1178886	0.08708267	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64170984	0.66104871	0.82353805	0.3427971	0.25057347	0.25414621	0.36777248
1.65092869	1.94789558	1.93041118	0.55425968	1.09869587	0.96143464	1.24529528
1.00E-04	1.00E-04	0.00702575	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02975359	1.00E-04	0.00411254	1.00E-04	1.00E-04	1.00E-04	0.03899899
0.06170698	0.01739672	0.06483494	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3836079	0.24973194	0.31227072	1.00E-04	0.07958553	1.00E-04	1.00E-04
0.04800344	0.0042943	0.01064067	1.00E-04	0.13704557	0.28759237	0.14109732
0.32815435	0.18367794	0.34964982	1.11023111	1.21166771	1.04946603	1.59721601
0.12890087	0.04462806	0.0751977	1.00E-04	0.51920507	0.79023877	0.58588777
0.18154635	0.17511802	0.09723435	1.00E-04	0.37080549	0.42527828	0.52503364
0.05845097	0.01242934	0.00491424	1.00E-04	0.14458335	0.07646422	1.00E-04
1.15089035	0.97238197	1.09859634	2.04649416	2.07976712	2.23251697	1.78563504
0.99732295	0.38052846	0.78270318	1.00E-04	0.21788165	1.00E-04	0.15317232
0.45391928	0.45310692	0.44822868	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73839802	2.07807435	2.08735711	0.39925242	1.26833575	1.38279814	1.22465178
0.1486373	0.0778165	0.10537725	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10981619	0.08847042	0.1757189	1.00E-04	1.00E-04	1.00E-04	0.17353489

0.43584239	0.36855133	0.42844993	0.33629222	0.93459556	0.97041392	0.95797371
1.00E-04	0.01601855	0.02114364	1.00E-04	1.00E-04	0.05863894	1.00E-04
0.02487531	0.0152537	0.00784922	1.00E-04	1.00E-04	0.07262157	1.00E-04
1.00E-04	0.0062137	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67597606	2.00957231	2.39337666	0.86283958	1.25789665	1.33839675	1.40062247
0.25185675	0.2158944	0.21770884	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01843836	0.00826158	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00627812	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.69026904	1.18605965	1.40989742	1.38546119	1.54916352	1.47916355	1.60854053
0.86304908	0.5079844	0.5336425	1.00E-04	0.30270301	0.32278014	0.3037651
1.00E-04	0.02642043	0.01398538	1.00E-04	1.00E-04	0.08397588	1.00E-04
1.1881761	1.12698105	1.31757615	1.53780979	1.65572288	1.83409038	2.00974885
1.10627891	0.96764985	0.80524069	0.88356097	0.95441751	0.82030839	0.50374384
0.48143111	0.16752357	0.24443652	1.00E-04	1.00E-04	0.17070711	0.13463363
1.97580293	1.99581999	2.12880016	1.0620063	0.63492558	1.4149742	1.47051368
0.16118761	0.31074352	0.3762323	1.00E-04	1.00E-04	1.00E-04	0.01787061
1.00E-04	0.03161877	0.02008993	0.22420924	1.00E-04	1.00E-04	0.16404246
0.13663301	0.0072006	0.04804398	1.00E-04	0.162707	0.21608028	0.28818825
0.16154931	0.03156896	0.05040659	0.23526597	0.1327164	1.00E-04	0.12780413
0.12798811	0.21941139	0.18739102	1.00E-04	1.00E-04	0.06769421	1.00E-04
0.04219691	0.02517045	0.07196487	1.00E-04	1.00E-04	0.12980914	1.00E-04
2.70696141	3.05926476	3.00132195	0.23541776	0.56563352	1.39108065	1.16017072
1.00E-04	1.00E-04	0.01759011	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.043045	0.00846222	0.22353346	0.19239772	0.31077756	1.00E-04
0.58394238	0.33432334	0.51881295	3.15641228	3.83815152	4.51153217	4.35490069
0.35071493	0.17154151	0.20489377	0.52812558	0.55706358	0.38154367	0.54728674
1.00E-04	0.02499673	0.07199959	1.00E-04	0.27654638	0.22365791	0.43540113
0.2834702	0.1468619	0.1217345	0.83109565	0.69207621	0.45474932	0.62870804
0.02290384	0.02698973	0.05761732	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20027579	0.05220002	0.05221187	0.51166974	0.47188864	0.42290489	0.61926476
0.69587161	0.41332044	0.22094726	0.33346477	0.69656259	0.44563837	0.62875219
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19179971	0.09360784	0.11018706	0.1250463	0.39721314	1.00E-04	1.00E-04
0.08537997	0.1144194	0.14270125	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32423017	1.94170438	2.31173069	2.01626446	2.24457038	1.852593	2.3010577
0.03211544	0.04591317	0.03389682	1.00E-04	1.00E-04	1.00E-04	0.1093802
0.25672799	0.30828953	0.34162266	0.35167796	0.20551359	0.33266401	0.27078001
0.74669705	1.00881502	0.70824561	0.76522785	0.83041886	1.12944549	0.94942304
1.53752223	1.75279008	1.665596	1.87286606	2.02323093	2.05166196	2.20756683
1.79839729	0.88108686	0.9124347	2.95870032	3.65670007	3.15571606	3.11087248
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03225018	1.00E-04	0.02174165	1.00E-04	1.00E-04	0.11943505	1.00E-04
0.09374438	0.0975006	0.20032673	0.32440573	0.24238125	0.1999531	0.22270155

0.02031167	0.02567844	0.0176731	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16517087	0.03924642	0.03422768	0.11750149	0.17881196	1.00E-04	1.00E-04
0.09784504	0.15824443	0.12787439	0.46948148	0.41871405	0.45798899	0.64439366
0.17468306	0.06740715	0.0992444	1.00E-04	0.13169681	1.00E-04	1.00E-04
0.1191261	0.12136844	0.20659621	0.2916914	1.00E-04	0.37662469	0.3109987
0.55738931	0.48150883	0.65858137	0.61497683	0.9148504	0.90619393	1.05368867
0.25276223	0.06530312	0.04116795	1.00E-04	1.00E-04	0.14204014	0.12743476
0.09666786	0.05833929	0.06259699	0.12172032	0.13643469	0.18627499	0.17001816
0.0653833	0.05369826	0.02727412	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04775904	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9058552	0.5966887	0.81987061	0.45852047	0.90551098	1.23474272	1.38478697
1.3522953	1.17763853	1.43258131	2.43200711	3.04798104	3.46820521	3.45920547
0.10264137	0.09667736	0.11767632	1.00E-04	0.38624704	0.34811421	0.41115069
0.11100044	0.11073544	0.12353729	0.35672774	0.44735176	0.44658235	0.39504509
1.00E-04	0.0119158	0.02498826	1.00E-04	0.27544581	0.0325415	1.00E-04
0.27618267	0.17696747	0.41225967	0.25506331	0.25266966	0.06241431	0.28257398
0.01638735	0.01503584	0.027114	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29350381	0.65984373	0.69619861	1.00E-04	0.50558666	0.45844059	0.75138734
0.03583604	0.00518964	0.01079767	1.00E-04	0.32276889	0.19984452	0.31062276
1.85976507	1.60258171	1.4016565	0.99972567	1.64748534	2.45561807	2.06002749
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0248004	0.00583624	0.08705352	1.00E-04	1.00E-04	0.0422628	1.00E-04
0.34979677	0.08060828	0.12841809	0.8290074	0.54023753	0.38808278	0.40239717
0.35132167	0.03833433	0.09776833	0.64380253	0.63195408	0.43264362	0.59659942
0.05429373	0.00559451	0.01107725	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.23023917	1.61535369	1.51523135	1.41303828	1.98628047	2.64788071	2.29230634
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28017591	0.10476576	0.08814218	1.00E-04	0.26590628	1.00E-04	0.42163258
0.09019801	0.00272953	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75153879	0.81098554	1.54147186	4.01248216	4.3886287	3.93072101	3.78038566
0.05594032	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02513164	0.44801671	0.63495015	0.16358918	0.81077626	0.10087735	0.41442297
1.00E-04	1.00E-04	0.01675572	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09902342	0.20714838	0.12227397	0.71192055	0.82157502	0.58124751	0.62080166
0.79710662	0.34085087	0.52842258	0.81899119	1.11808216	1.66911435	1.66585969
0.02704895	0.02374537	0.02347807	0.54133138	0.18577701	0.19824559	0.2542502
0.1957695	0.2585641	0.34486421	1.00E-04	0.47631574	0.16977875	0.23835638
1.1306242	1.24836218	1.22024903	0.53950816	0.30965833	0.92083869	0.75694383
0.02199301	0.04219113	0.0516109	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7011322	0.48269281	0.5143495	1.0650633	1.53586519	1.05855608	1.85870064
1.00E-04	0.03334844	0.05144489	1.00E-04	1.00E-04	1.00E-04	0.11531388
1.34879766	2.44983526	2.49197166	0.60985506	0.2332579	1.59246473	1.57205382
3.70648687	5.28299028	4.89728542	1.84073927	2.61220379	4.49759499	3.8946311

1.71870301	1.62018572	1.86988399	0.40659719	1.18312597	0.61724044	0.62616091
0.03995937	1.00E-04	0.04480946	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38292216	2.71112871	2.45424452	1.37603273	1.63549993	1.60937766	1.49402223
0.81004853	0.75750021	0.66966914	0.69171482	0.87897293	1.11029424	1.00191061
1.74043417	0.92493274	1.20910358	0.71651263	0.78467474	0.38260307	0.32136085
0.29164564	0.24081731	0.27949033	1.00E-04	1.00E-04	0.0875561	0.23054251
1.00E-04	0.04701731	0.02535218	1.00E-04	1.00E-04	0.16150904	0.07948022
0.10724532	0.11708583	0.08009123	1.00E-04	0.58455689	0.54999311	0.53906682
0.04888892	0.01464048	0.02160203	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71820058	1.01267233	1.21731332	2.73149081	2.9421548	2.26785561	1.97143227
0.25531734	0.08017907	0.11291679	0.40614797	0.75406335	0.30825745	0.24101984
0.42301494	0.11143421	0.11566885	0.65570114	0.95168009	0.07532882	0.44884434
0.09205157	0.01595573	0.05548903	0.1160307	1.00E-04	0.01776122	1.00E-04
0.10123523	0.15822503	0.18869968	1.00E-04	0.25505397	0.26705872	0.25842012
0.06677232	0.03608217	0.05192018	1.00E-04	0.18525194	0.09910396	0.34173695
1.00E-04	0.0051148	0.0579097	1.00E-04	1.00E-04	1.00E-04	0.10073202
0.56771171	0.55038741	0.73754923	0.20704678	0.25075916	0.39648242	0.43875946
0.14738824	0.38421977	0.36767999	1.00E-04	1.00E-04	0.23728886	1.00E-04
0.16923205	0.04485224	0.16231972	1.00E-04	0.32506832	0.20232124	0.06628904
0.26220864	0.25980356	0.22441369	3.00006813	3.11555032	3.34754082	3.10582093
1.00E-04	0.02857454	0.03023657	1.00E-04	0.15878577	0.28981445	1.00E-04
0.64480584	0.76434143	0.50297157	1.00E-04	0.09215314	0.02579539	0.37274003
0.78147294	0.53458523	0.63027762	1.26935861	1.53599318	1.30389919	1.56123556
0.72456609	1.1182397	1.14856912	0.47049791	0.63914917	0.79313906	0.81659655
0.05497753	0.05065266	0.07093031	1.00E-04	1.00E-04	1.00E-04	0.07206619
2.33756427	1.93198717	2.06691247	1.60961736	2.13901519	2.25680956	2.60018939
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05065014	0.05938766	0.01855921	1.00E-04	0.14546699	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02609002	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1690292	0.04520777	0.11111953	0.45921783	0.39832507	0.28676556	0.44988396
0.6662009	0.53352743	0.66207113	0.38707174	0.1844728	0.13417975	0.23722445
2.05998906	2.52015494	2.56861301	1.00316247	1.62444382	1.96574965	1.83866289
1.18396964	1.10877936	1.3705671	0.82456328	1.15014779	0.95679632	1.11257521
3.27350662	3.27545413	3.42611665	1.89282168	2.42250277	2.408675	2.70163017
0.0260366	0.07431993	0.059764	0.12761821	0.32055913	0.07835043	1.00E-04
0.08267027	1.00E-04	0.01381017	0.31637971	1.00E-04	0.18927029	1.00E-04
0.04464369	0.05008989	0.0408997	1.28940176	1.86773752	1.75076541	1.58340938
0.22315146	0.06801352	0.11421473	0.37721044	0.99766424	0.91216081	1.07301153
1.00E-04	0.00478181	0.01870799	0.18267183	1.00E-04	0.04121127	0.24201258
0.87855168	1.56974419	1.48825043	0.84106468	0.80371859	1.73244586	1.54810025
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39839129	1.1822655	1.05684835	1.37354228	1.99156538	1.80181099	2.00348035
1.00E-04	0.01477488	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.27301253	0.4136099	0.44165408	1.00E-04	0.29547331	0.0879763	0.17401005
0.03781342	1.00E-04	0.00730501	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97344767	1.47784467	1.83599228	2.26024822	2.4871759	2.34207413	2.36667235
1.31772781	1.005072	1.19572532	0.85189107	1.57560331	1.60460401	1.53441648
0.6924719	0.69505505	0.76254561	0.64704337	0.76039733	0.95703013	0.98569927
0.78254762	0.98546612	1.03537843	0.18253501	0.43803458	0.86586691	0.92972483
0.2267534	0.05638039	0.0486485	0.40519779	0.48733658	0.46558712	0.53125202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45154095	1.42341558	1.45562072	0.78577984	0.88093044	0.80298106	0.89488139
0.53741457	0.70215231	0.56008104	1.00E-04	0.14611193	0.17923416	0.1317175
2.52374	2.23431773	2.34929902	1.75559146	2.03139798	1.90850511	1.99236737
0.05134123	0.01482035	0.01905008	1.00E-04	1.00E-04	0.08344934	0.08730302
0.25102859	0.18495298	0.12500958	0.30897892	0.89053224	0.71498913	0.88867285
0.31949567	0.44434198	0.40740187	0.30189408	1.00E-04	0.16854361	0.13410638
0.26793005	0.08204747	0.14173326	1.00E-04	0.09486419	1.00E-04	1.00E-04
2.12328605	1.91903696	1.97660803	1.61938969	1.70598845	1.94183961	2.05405876
0.12199567	0.01336509	0.03088511	0.44375243	0.03960299	1.00E-04	0.09352524
0.0719377	0.04153194	0.06042632	0.42093613	0.08775966	0.08613259	0.14368443
1.00E-04	0.00472826	1.00E-04	0.20524355	0.08381537	0.17329923	0.16968072
0.79814484	1.24738326	1.24853038	1.00E-04	1.00E-04	0.52628304	0.59808952
0.29130235	0.18210535	0.17073993	1.00E-04	0.20731722	0.16778144	0.15371857
2.70832197	1.90113206	2.31158159	2.75557652	3.04163699	2.68872501	2.97844992
0.72441046	0.16577674	0.3754289	1.00E-04	0.98262355	0.35851034	0.56080005
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.28762367	2.37268331	2.60801202	1.72690762	1.7315592	1.68067292	2.23913328
0.21555032	0.14992191	0.38997973	0.25420382	0.09021474	1.00E-04	1.00E-04
3.35759409	2.43972642	2.70433958	1.37078884	1.21387352	1.12427447	1.37922946
1.36480498	0.73040211	0.95134703	0.35711838	0.21312119	0.08726789	0.17337216
0.38257041	0.14212671	0.14933836	0.34714593	0.322921	0.40001604	0.34515585
0.11826535	0.02993521	0.08296924	0.12538893	0.67466778	1.29349496	1.7806926
0.01611257	0.06791875	0.10119297	1.00E-04	1.00E-04	0.05652632	0.33071029
1.00E-04	0.01254813	0.03015425	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82731265	0.86058349	0.78136606	0.8398185	0.18295479	0.92973186	1.21756504
0.36898171	0.58441363	0.5944731	0.51388845	0.14138669	0.12601585	0.58837214
0.03982136	1.00E-04	1.00E-04	0.16887688	1.00E-04	1.00E-04	1.00E-04
0.0783191	0.0064878	0.02833294	1.00E-04	0.12282769	0.11300159	0.1234653
2.58342891	1.58984065	1.63025908	2.47365515	2.85576643	2.50928762	2.45941534
1.00E-04	0.00761915	1.00E-04	1.00E-04	0.140184	0.09335048	1.00E-04
0.37974815	0.43277986	0.40382073	1.00E-04	1.00E-04	0.06908671	0.33242547
0.03206855	0.03188905	0.00671477	1.00E-04	1.00E-04	0.01973298	0.11467676
1.28248448	0.89192198	0.84990074	0.21265247	1.00E-04	0.0502167	0.09327809
0.02623356	0.03476133	0.01205858	1.00E-04	1.00E-04	0.05621984	0.22579152

1.00E-04	0.01328818	0.02402656	1.00E-04	0.10317177	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0170602	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04272069	0.03024422	0.01554963	1.00E-04	0.11930654	1.00E-04	0.14075941
0.19857161	0.05852784	0.10171581	0.30275337	1.00E-04	1.00E-04	0.24704037
1.00E-04	0.01914023	0.00708376	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49048844	0.47390161	0.61875343	0.43020786	0.57103279	0.44243327	0.42135193
0.02408552	0.01802477	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01777719	0.0079862	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90782258	1.10478545	1.315816	0.82314246	1.66780957	1.62171744	1.49408264
0.1217456	0.05560494	0.04646502	1.00E-04	0.13557142	0.09815548	0.07030128
0.20600085	0.10800465	0.07065387	0.78336952	0.30723055	0.33803614	1.00E-04
0.03553508	0.02505215	0.0490971	0.20704678	0.17948679	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00875917	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01272218	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05512821	1.00E-04
0.57781461	0.26337082	0.35387648	1.01398811	0.58918055	1.03866736	0.79618139
0.3498432	0.39995089	0.21878365	1.27505979	0.62252193	0.67447025	0.71980393
0.29614256	0.37050651	0.37070845	0.17869829	0.38046783	0.04290907	0.32586391
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26226327	0.89853778	0.90607302	1.70216156	1.97764185	1.52890534	2.07044545
0.29940561	0.29246832	0.49312679	0.19943984	0.60429402	0.99701038	1.03985224
0.0162385	0.02176638	0.06317259	1.00E-04	0.11661285	0.18336176	1.00E-04
0.0293559	0.01119239	0.02442675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14323753	1.20532643	1.40471095	1.00E-04	0.06463349	0.19130399	0.15825219
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.35460599	1.9760251	2.38269336	2.39423437	2.53158216	2.56074035	2.86228668
0.03217369	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02144393	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08310245	0.01571989	0.0374174	1.00E-04	1.00E-04	0.02905705	1.00E-04
0.50220429	0.32175725	0.38812111	0.79604516	1.14813197	1.24515884	0.85997679
1.00E-04	0.00295768	0.00618423	1.00E-04	1.00E-04	0.09498721	1.00E-04
0.57687187	0.6889997	0.54268405	0.30375488	0.59785287	0.93318482	0.90888334
0.19078958	0.08211493	0.12894271	1.00E-04	0.54104637	0.47134463	0.32100761
0.03902942	0.02217034	0.02960405	1.00E-04	1.00E-04	0.07765967	0.07005023
1.00E-04	0.0065508	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04544652	0.01041809	0.01635751	1.00E-04	0.09377861	1.00E-04	0.11864875
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89662682	2.92031605	3.06673492	1.84050777	2.45319725	2.57899479	2.87541075
2.23114213	2.25471294	2.5055003	2.31204978	2.69304479	2.8236454	3.34746026
0.17457524	0.05278148	0.01210347	1.00E-04	0.34550653	0.03051417	1.00E-04
0.68319123	1.5890092	0.95402805	1.00E-04	1.00E-04	0.50794852	0.63217078

0.3504797	0.59761436	0.37123556	1.00E-04	0.11725073	0.06364701	0.01438582
0.05499556	1.00E-04	0.01926029	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05810712	0.0397152	1.00E-04	0.13181833	0.21587919	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12939813
1.00E-04	0.01901271	0.00492606	1.00E-04	0.06348582	1.00E-04	0.12134201
0.10511983	0.03948903	0.11688719	1.00E-04	1.00E-04	0.24557747	0.30344906
2.10211063	2.50336709	1.64976242	0.71984908	1.13049921	1.35221262	1.49992302
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15382447	0.13755844	0.49522065
0.02749398	0.03707276	0.03066551	1.18099742	1.22635264	1.52878512	1.8730078
1.00E-04	1.00E-04	0.0114074	0.0642898	0.4735489	0.63812614	0.5800276
1.00E-04	0.02969967	0.01685976	1.00E-04	1.00E-04	0.13118008	0.19742252
0.07187269	0.05193663	0.05565194	1.00E-04	0.25770884	0.23509135	0.40314163
2.56315458	1.69557138	1.94487032	2.91265264	3.29457077	2.76224661	2.99854267
0.02202031	0.03877841	0.01947583	0.12761821	0.32878368	0.13370157	1.00E-04
1.00E-04	0.00689081	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11860886
1.00E-04	0.00273784	0.03155177	1.00E-04	1.00E-04	0.05496304	1.00E-04
0.01906413	0.095866	0.19220728	1.00E-04	1.00E-04	0.0676558	1.00E-04
0.23368578	0.12545743	0.22050887	0.4230568	0.44378696	0.14803493	1.00E-04
0.98004409	0.6286966	0.86132226	0.45195119	1.22481495	1.13864309	1.30020034
1.00E-04	0.01149256	0.02501631	0.16775362	0.18364546	0.05743847	0.08895297
0.5723466	0.42273802	0.81190306	0.18744942	0.84980173	0.53988475	0.87422298
0.1688373	0.11522256	0.46493806	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.64686286	1.38640951	1.39901303	0.60930063	0.71947541	0.45310162	0.411436
1.00E-04	0.01633926	0.00404636	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3565737	0.37971697	0.45271421	1.00E-04	0.5015425	0.07791344	0.15807481
0.05509796	0.03677199	0.02893007	1.00E-04	0.13329431	0.18905204	1.00E-04
1.00E-04	0.01726553	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01626101	0.00770819	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32944466	1.08733538	1.3090203	1.82804022	2.22694376	1.89284502	2.06009415
0.90075844	1.39232563	1.56953158	1.34984606	1.40315667	1.96569735	2.13082194
1.00E-04	0.00516674	0.00945469	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39248217	0.295523	0.22318837	1.00E-04	0.1327164	0.22648842	0.09059673
1.00E-04	0.00474707	0.00474901	1.00E-04	0.13037472	0.1494386	1.00E-04
0.85129955	0.9616953	0.63671103	0.24730781	1.00E-04	0.35722646	0.35990965
0.03044292	1.00E-04	0.01242263	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01283004	1.00E-04	0.01761369	1.00E-04	1.00E-04	1.00E-04	0.10511225
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14712624	1.00E-04
1.00E-04	1.00E-04	0.00365927	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01842922	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15130258	0.11741988	0.09308077	0.07395683	1.00E-04	0.142465	0.27650538
2.00070494	1.98420442	2.20583181	1.45955277	1.23394712	1.42936812	1.88261814
1.00E-04	0.00507756	0.01125442	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41971726	0.19066152	0.28558516	1.00E-04	0.57472493	0.58094018	0.44623565

0.23384111	0.5436179	0.47097671	1.00E-04	1.00E-04	0.03835504	1.00E-04
0.03177909	0.01879294	0.01426792	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24087424	0.26018072	0.25194659	1.00E-04	0.09053849	0.18740865	0.13320987
0.21966602	0.13726055	0.2351563	1.00E-04	0.14106086	0.0796043	0.1868836
0.21796574	0.03258503	0.05699183	1.00E-04	0.13557142	1.00E-04	1.00E-04
1.49954197	1.57472347	1.78125295	1.11554618	1.59942438	2.17301883	2.0033788
0.07924349	0.05524465	0.08863869	0.18582929	0.62455431	0.4033099	0.89717333
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08428041	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49528601	1.91409396	2.05292138	2.20476499	2.57406273	2.12859106	2.82188033
1.00E-04	0.00659045	0.00435161	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42062441	1.54093934	1.50124781	0.54340409	0.23953545	0.38443813	0.39117884
0.72568377	0.72155567	0.77644373	0.62549	0.43985985	0.35560604	0.72993041
3.59143553	3.70009041	3.62435465	0.76095019	0.811179	1.61361146	1.31880469
0.26468282	0.63548566	0.27432152	1.00E-04	1.00E-04	0.02173299	0.48479694
1.00E-04	1.00E-04	0.00406613	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06404388	0.0637639	0.04908468	1.00E-04	0.14442301	0.14500447	0.05582956
0.0682389	0.03351423	0.06964297	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06367201	0.97133563	1.31644759	1.43321433	1.49773018	1.44055093	1.77111514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1063476
0.11552441	0.0518699	0.05065705	0.33032794	1.00E-04	0.23668449	0.25142488
2.33119413	2.44589102	2.08736097	0.83685599	1.68686368	1.80968654	1.57154278
0.03217818	0.08569476	0.10317381	1.00E-04	1.00E-04	0.20743362	1.00E-04
0.02134864	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04418898	1.00E-04
0.20171114	0.18149017	0.15068681	1.00E-04	0.09046211	1.00E-04	1.00E-04
0.20356829	0.41867535	0.42139927	1.00E-04	0.5890575	0.75558719	0.50071489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47610546	0.23725757	0.42731405	0.13500814	0.30604624	0.41133785	0.06583176
0.02696829	0.02181608	0.12178221	0.31534654	0.25807218	0.27644091	0.84243116
1.00E-04	0.0247025	0.11097602	1.00E-04	0.1257833	0.14721045	1.00E-04
1.00E-04	1.00E-04	0.00567336	1.00E-04	1.00E-04	1.00E-04	0.1451632
1.81501935	1.31499211	1.7260617	2.59375341	3.07736891	2.69949993	2.8942114
1.00E-04	0.00525489	0.02443747	1.00E-04	0.07958553	0.21923581	0.35427461
0.2817048	0.69426539	0.62285241	0.12172032	0.15015778	1.00E-04	0.35491538
0.07990828	0.03648686	0.05119836	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38510427	0.22704887	0.16622822	1.00E-04	1.00E-04	1.00E-04	0.01875595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07879095	0.05716765	0.099169	1.00E-04	0.41390381	1.00E-04	1.00E-04
1.94792844	1.51686647	1.77559923	1.00E-04	1.00E-04	0.28651033	0.07294462
1.50728266	1.05651002	1.30842563	0.17352487	1.00E-04	0.04055074	0.47662936
0.81663708	0.4156095	0.55240958	1.22303243	1.03733904	1.53361682	1.91256891
0.06545315	0.03464902	0.13974184	1.00E-04	1.00E-04	0.05641934	0.26943739
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.00592404	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00958322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.13747593	1.90270783	1.84972247	1.32125469	1.95772818	2.40565775	2.17106817
0.08001578	0.12969546	0.09013406	1.00E-04	0.07613881	1.00E-04	0.0619728
1.00E-04	0.04930445	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20713248	0.11569954	0.23155007	1.00E-04	1.00E-04	0.4909019	0.57779769
0.2000203	0.01120524	0.0420668	0.40506238	0.81479903	0.38011867	0.58938276
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0260175	0.12440135	0.07356607	1.00E-04	1.00E-04	0.07786255	1.00E-04
0.08306558	0.01476104	0.02005014	1.00E-04	1.00E-04	0.11597137	0.08960781
0.14277599	0.01335152	0.00472498	1.00E-04	1.00E-04	0.2306446	0.24370084
0.42119922	0.41656242	0.71774609	1.00E-04	0.13673945	0.08271301	1.00E-04
2.00426083	1.28130906	1.45977143	1.6273392	1.87525838	1.75434405	1.81542885
0.28748711	0.22066294	0.20041792	1.00E-04	1.00E-04	0.07683382	0.11501318
2.95649202	1.61295095	1.78108087	4.06767511	4.00461285	3.3054596	3.25856991
0.97845766	0.57288516	0.96559687	0.98577102	0.52168633	0.76496048	0.47017005
0.31213931	0.08049001	0.12033659	0.48250632	0.23270251	0.13212294	0.56272206
0.02584837	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05394362	0.11033783
0.0702238	0.26793643	0.24081528	1.00E-04	1.00E-04	1.00E-04	0.29238995
1.00E-04	0.0369134	0.07681693	0.16260735	0.08034577	0.04071879	0.31591573
0.17236734	0.22621906	0.34056292	1.00E-04	0.25773606	0.605712	0.77674724
0.08749762	0.2022265	0.16466157	0.19271654	1.00E-04	0.19754295	0.14339229
1.38351372	1.02663555	1.26556902	1.55625834	2.01690675	2.06100923	2.02633439
0.05017218	0.03660309	0.0475959	0.21681919	0.12523204	0.13450368	0.18918822
0.18519033	0.0461846	0.13667987	1.00E-04	0.09762845	0.19012698	1.00E-04
4.11935322	4.03308508	3.83929843	1.76956571	2.41002716	2.58106181	2.54576373
2.75394559	2.6129453	2.36051491	0.57075294	1.24620656	1.54498874	1.36822999
0.89859159	0.93325072	0.74141288	0.55956725	0.44176627	0.27785914	0.25010837
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00632322	0.00458501	0.96816384	0.63569728	0.66988688	1.31101732
0.05217445	0.15930661	0.18621929	0.48139105	0.3299683	0.67173408	1.07373971
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32615097
0.63770448	0.98584306	0.74563993	0.74306017	0.35526548	0.44940399	1.3979924
1.00E-04	1.00E-04	0.01377627	0.21712648	0.53149033	0.87120334	0.88982249
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39087471
0.60469335	0.23699693	0.33102871	4.2074577	4.57303821	4.47738366	4.26660946
1.00E-04	0.01352147	0.00784518	0.10332787	1.00E-04	0.45098082	0.77758334
0.72018046	0.82280002	0.69415619	1.00E-04	1.00E-04	0.15457199	0.21940321
0.99265958	0.98079479	1.12865522	0.1591408	0.76963601	0.72626351	0.84590473
0.92487879	0.79051069	0.98059344	1.18767743	1.76055468	1.54213534	1.70529764
1.4322076	1.07548923	0.97315596	0.89884234	1.55211279	0.97745876	1.34968345
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49961764	3.00843876	2.86841095	1.27073154	1.05848571	1.70191674	1.13269828

0.16703864	0.1042152	0.06717555	1.00E-04	1.00E-04	0.14822273	1.00E-04
1.00E-04	1.00E-04	0.00572517	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76455138	0.79294441	1.39001899	1.00E-04	0.68629341	0.35633581	0.32555034
0.12389179	0.05792568	0.10210849	0.17456038	1.00E-04	0.09024094	0.17720056
1.00E-04	0.0224991	0.03535748	1.00E-04	1.00E-04	0.1866737	1.00E-04
0.48449238	0.68554723	0.5988408	0.43384116	0.07780989	0.10546062	0.20755726
0.5862088	0.13304326	0.26178519	1.97327	1.95722472	1.65944432	2.07074198
1.00E-04	1.00E-04	0.01371594	0.2077485	0.40673849	0.06639371	0.14474608
0.184061	0.20112685	0.2055056	0.29351762	0.11677167	0.42036399	0.28166138
0.8977564	1.19043013	1.18265935	1.00E-04	0.28923084	0.58841335	0.37950124
0.07431058	0.02809971	0.11276949	1.00E-04	1.00E-04	0.08195763	0.16783188
0.032775	1.00E-04	0.01584368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52701037	0.2869073	0.57962129	0.57138521	1.06282053	1.64237562	1.45904429
0.25337057	0.06127726	0.07803474	0.38046204	0.25583048	0.70599147	0.35658507
1.78629774	1.0273856	1.09040242	2.77495626	2.58217266	2.51424842	2.43100729
1.00E-04	0.00966304	0.00879114	1.00E-04	0.2010792	1.00E-04	0.24527933
0.50923344	0.63487711	0.87499496	0.15800658	0.91021919	0.66108811	0.79560938
1.00E-04	0.00579889	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.20689217	1.59116873	1.86116507	2.41077227	2.75720452	2.40947173	2.62564487
0.13906927	0.05128779	0.05193089	0.12466307	0.15100469	0.05785651	1.00E-04
0.17609585	0.01245172	0.0077561	0.45607056	0.1088555	0.13584047	0.14646631
0.65872944	0.46816157	0.54164088	0.52435755	1.23086054	1.62036613	1.59587843
0.34323038	0.10205202	0.02947076	0.1639191	1.00E-04	0.0924715	0.04910659
0.98318508	1.85757737	1.74435726	0.23549373	0.09953183	0.72958832	0.63888527
0.06288226	0.00879284	0.03565683	0.12603646	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03591111	0.03351233	1.00E-04	1.00E-04	0.09815548	1.00E-04
0.05893578	0.02140706	1.00E-04	1.00E-04	1.00E-04	0.04958123	1.00E-04
0.0668985	0.00857684	0.01511177	0.13602224	0.22756537	0.06808075	0.24796471
1.16953048	0.75847988	0.94289265	1.52762145	1.13224283	1.43234957	1.62422106
1.00E-04	0.00952705	1.00E-04	0.08025885	1.00E-04	1.00E-04	1.00E-04
0.60093916	0.50428385	0.51937795	0.8250705	0.81574103	0.78953767	1.2938161
0.55171279	0.69741841	0.85254725	0.2892153	1.00E-04	0.27581861	0.74527125
2.08636552	2.51736353	1.91720356	0.14432545	0.60858996	0.96825072	0.98829972
1.00E-04	0.01171275	0.02662212	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.31502956	0.93963069	0.97845823	1.53740063	1.59651045	1.67585067	1.62497367
1.9828686	1.89824155	1.42746187	1.00E-04	0.17178022	0.29053056	0.49157946
0.396819	0.11158449	0.19307896	0.33132501	0.41965138	0.16766664	0.13752095
0.17799176	0.17480374	0.12791496	0.41944098	0.77217356	1.06712211	0.92005175
0.07470284	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12748082
1.00E-04	0.00995011	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28236784	1.60590108	1.42571574	0.27679368	0.30775647	0.69220801	0.47730982
0.1087771	0.05121586	0.05597748	1.00E-04	0.27853483	0.69471741	0.73433847
0.04819228	0.07156241	0.05508142	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03095513	0.05082949	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.57099828	1.20484818	1.21181865	1.1599039	1.63439165	2.27466214	2.34176369
0.02156928	0.00849342	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15053225	1.253941	1.48269895	1.52805448	2.54315437	1.94095109	1.86031882
1.00E-04	1.00E-04	0.01338344	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02646689	0.17539837	0.07381054	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01934883	0.10201369	0.06925223	0.27721501	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13954638	0.40334731	0.45856164	0.22061857	1.43410573	1.24226545	1.23415074
0.3844061	0.22110228	0.37794287	0.86486745	0.85646564	0.70087737	0.28774104
1.00E-04	0.01358085	0.00487325	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3558827	0.1825031	0.14078732	0.4578	1.27967521	1.54080501	1.49607243
0.1168358	0.08889355	0.15005828	3.02888881	2.73450184	2.69801884	2.80148407
0.54707861	0.21696165	0.40726437	2.45234981	2.98774614	3.40792015	3.70478221
2.86234399	2.24964299	2.18250994	1.5968082	2.16820221	2.03360382	1.67822954
1.00E-04	1.00E-04	0.02463574	1.00E-04	0.12900125	1.00E-04	0.4508629
0.11767895	0.17093448	0.20240743	0.68489158	0.57543143	0.7635778	1.41716983
0.02508091	1.00E-04	0.00834748	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18028334	0.35046819	0.27257031	1.00E-04	0.34472721	0.05612722	0.14480552
0.46995351	0.2579535	0.29902791	0.42878885	0.61700511	0.16252589	0.72359285
0.91609711	0.85758996	1.38234718	0.21968929	0.29295199	0.73560701	0.85167803
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09640592	0.02610953	0.03397086	0.14936248	0.08037588	0.0789377	0.38541598
1.92102196	1.70362989	1.93257889	1.98091065	1.86425205	2.23023619	2.32399059
1.13165599	0.71103528	1.11018375	0.97356163	1.51855242	2.00439152	2.11562178
0.58998086	0.31377471	0.43971195	0.43277776	0.33021771	0.38715026	1.03258154
0.08701802	0.07035761	0.12661206	0.42310408	0.60316842	0.57806138	1.01986357
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06418613	0.0789559	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09989972	0.02092284	0.07318139	1.00E-04	0.19655204	0.09957575	0.09148901
4.96620279	5.17142009	5.26835912	2.64828426	3.39168818	3.83715507	3.66452359
3.41582294	3.83701115	3.96175761	1.78972794	2.0860524	2.86848286	3.01420901
0.56584127	0.48145208	0.55614433	0.56750529	0.78703831	0.93606882	1.09164894
0.51588794	0.32999513	0.48181257	0.57182501	0.71913903	0.61126607	1.24253867
0.05946808	0.34259083	0.51252985	0.25370748	0.19828872	0.67579118	0.93046731
0.58220341	0.58266993	0.85382335	1.00E-04	1.00E-04	0.10744804	0.12766536
2.19805323	1.7403694	1.90358311	1.74677604	2.35917356	2.4899425	2.80063171
1.02746728	0.671086	0.75302745	1.3841204	2.12690539	1.43686175	1.36009946

0.433736	0.38681389	0.42395091	0.49139313	0.5814808	0.63889672	0.55529566
1.00E-04	0.0088564	1.00E-04	0.313921	1.00E-04	1.00E-04	1.00E-04
0.10387461	0.01734829	0.02927462	1.00E-04	1.00E-04	0.088895	0.06301233
2.73637778	2.25341992	2.61247143	2.78415156	2.97170547	2.87420775	3.10868872
0.71089997	0.41618019	0.5739682	0.36018265	0.71244922	0.77085809	0.74016923
1.80268828	1.45255453	1.66392079	2.32114616	2.5283705	2.52795111	2.56259913
1.68175326	1.00432327	1.31274461	3.07934884	3.43847261	3.20840825	3.25782499
1.33489871	2.02626002	1.72949961	0.35837631	0.10379612	0.6949378	0.4496636
0.01623793	0.01909388	0.05081996	1.00E-04	0.17240279	1.00E-04	1.00E-04
1.00E-04	0.0086702	1.00E-04	1.00E-04	1.00E-04	0.06908671	1.00E-04
0.02167571	0.22702154	0.36526244	1.00E-04	1.00E-04	1.00E-04	0.13112989
1.00E-04	0.04345014	0.09038623	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02514107	0.06912389	0.0707866	1.00E-04	0.29766496	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01376108	1.00E-04	1.00E-04	1.00E-04	0.14858891
0.02799971	0.18429789	0.08502282	1.00E-04	1.00E-04	0.04507418	1.00E-04
1.00E-04	0.03583458	0.05170584	1.00E-04	0.162707	0.23366428	0.17184082
0.47807055	0.65872951	0.69181034	0.15228436	0.20524812	0.3753992	0.42575524
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02747842	0.12569944	1.00E-04	0.35328493	0.53462381	0.62572774
0.01560875	0.0096766	0.00619315	1.00E-04	0.11198296	0.19161095	0.03261109
0.1269687	0.39378269	0.5507107	1.00E-04	0.07490245	0.04865075	0.22498875
1.00E-04	0.00805106	0.00416014	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02457707	1.00E-04	0.01436564	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74673391	0.71127935	0.66916589	0.27341226	0.20408548	0.24364922	0.36476644
0.04687144	0.15103783	0.14162876	0.18630287	1.00E-04	0.08879536	1.00E-04
0.32449505	0.03521523	0.01074611	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78717025	0.2626643	0.3614198	0.08292943	0.39769265	0.79320185	0.88111233
0.56541006	0.37144485	0.48691717	0.53762214	0.03886766	0.2538683	0.20517535
0.60074826	0.41034608	0.39786561	0.63962867	1.40239438	2.05055513	2.12085579
0.09027899	0.05425384	0.03606306	1.00E-04	0.40853158	0.36214019	1.00E-04
1.81866894	1.76988137	2.05988705	0.33229808	1.46872892	1.37045719	1.54601385
1.00E-04	0.01041191	0.04429541	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14808241	0.44171061	0.6661248	0.68365665	1.25809316	1.60067143	1.51110112
1.00E-04	0.02170435	0.00971633	1.00E-04	1.00E-04	0.03920615	1.00E-04
0.19387233	0.05343634	0.05829535	0.09286225	0.42831694	0.09051482	0.24782502
0.31358421	0.11981741	0.14202741	1.00E-04	0.27620771	1.00E-04	0.11672537
1.90528326	1.50585982	1.51881668	2.78026869	3.04319828	2.61654887	2.6230799
0.01822354	0.06184352	0.06527941	1.00E-04	1.00E-04	0.02999613	0.14075941
0.21446011	0.0677623	0.15610726	0.13394589	0.14256278	0.54946596	0.34326613
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02295399	0.0115191	0.01756896	1.00E-04	0.12153911	0.10281286	1.00E-04
0.9303904	0.51432373	0.77457766	1.4986837	1.58467582	1.21905608	2.08079543
2.92739452	1.85352723	2.38957306	1.15764704	1.09741098	0.61510902	0.9690342

0.7957151	0.38222286	0.38010015	1.00E-04	0.17911126	0.16259029	0.28306837
0.50956809	0.34331355	0.41253138	1.00E-04	0.21089579	0.41512401	0.31609469
1.00E-04	0.00664229	0.01592564	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03437121	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09074711	0.03102022	0.02358655	1.00E-04	0.39507335	0.14339589	0.2983767
1.00E-04	0.01765828	0.02787731	1.00E-04	1.00E-04	0.04151252	0.16660411
1.77106604	1.38103036	1.59009613	1.81267926	2.19766147	2.39941928	2.5059204
2.58821807	2.00263438	2.30425726	2.33322246	3.22116965	3.61245055	3.46685604
1.00E-04	0.07013944	0.05798908	0.44287092	0.15324881	0.47130772	0.45449255
0.09934817	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.51752075	0.23470555
0.14142788	0.09674095	0.16507581	1.00E-04	0.40550742	0.1973712	0.32893493
0.63404035	0.87179185	0.83097641	1.00E-04	0.24683182	0.41004806	0.69172064
1.00E-04	0.2068908	0.14345818	0.16502854	1.00E-04	0.09747312	0.20563771
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25864587	1.00E-04	1.00E-04
1.00E-04	0.02062029	0.01481427	1.00E-04	1.00E-04	0.04785998	1.00E-04
0.03864353	0.01350868	0.02576632	0.15889884	0.58600533	0.02413054	0.18195994
0.95884453	0.89126791	1.29702157	1.25974256	1.70696468	1.99078878	2.285484
0.6926702	0.88949258	1.05182717	1.00E-04	1.00E-04	0.08669448	0.1313111
0.15311821	0.24887294	0.33886153	0.22891991	1.00E-04	0.19688342	0.44949125
0.10290654	0.06300484	0.07671762	1.00E-04	0.22946227	1.00E-04	0.1260727
0.71529454	0.49387774	0.58329587	1.00E-04	1.00E-04	0.60857392	0.56206515
0.01988178	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05856922	1.00E-04	0.00735984	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09005246	0.24333813	0.29413582	0.39063947	1.00E-04	0.06224589	0.25714015
1.00E-04	0.07522697	0.11313122	1.00E-04	1.00E-04	0.19915986	0.10119414
1.62052321	1.53555543	1.87150034	1.90125876	2.83839306	3.3585406	3.52422335
0.62855564	0.28473715	0.30695483	1.90130159	1.5008716	1.78068555	1.92176528
0.31326269	0.12160888	0.09836263	0.70896165	0.39490193	0.42595995	1.38874664
0.11842232	0.04899988	0.09593699	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25928518	0.21943679	0.32631786	0.1955723	0.12289812	0.15629836	0.14766896
0.01930591	0.1218102	0.18679419	1.00E-04	1.00E-04	1.00E-04	0.16174755
0.03408541	0.21092051	0.14489874	1.00E-04	0.28384417	0.29479589	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06320911	0.06196589	1.00E-04	1.00E-04	0.08261079	1.00E-04
0.05238783	0.03356225	0.09721163	1.00E-04	1.00E-04	1.00E-04	0.10024563
0.36817481	0.16425018	0.34160709	1.25977012	0.88278632	1.01586852	1.55608634
1.00E-04	0.03817151	0.01433933	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00918248	1.00E-04	1.00E-04	0.14275277	1.00E-04	1.00E-04
0.0260366	0.02709657	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.42163315	0.16250284	0.24455102	1.00E-04	0.16906692	0.10725462	0.32174956
1.11718077	0.63710234	1.00062438	1.00E-04	1.00E-04	0.42475331	0.43256698
0.03370431	0.00675139	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1067013
0.11478342	0.14657463	0.22461715	0.87642943	1.15460772	0.83600212	0.69284051
0.56999897	0.24686543	0.37029622	0.2995708	0.4390517	0.13005281	0.11316878
0.2938455	0.04250181	0.07755411	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03621952	0.04242702	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0213106	0.01176663	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00196609	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.08075962	0.05763394	1.00E-04	1.00E-04	1.00E-04	0.12702178
1.00E-04	0.02213438	0.01234208	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24316228	0.17765919	0.21312207	0.16664888	0.54859998	0.5815574	0.53421686
1.04828977	1.14470299	1.26506935	1.09228533	0.86355905	1.50563851	1.27736309
2.05551973	1.63713846	1.85948633	0.09600186	0.40615434	0.528832	0.27165278
0.04209754	0.1624074	0.18765703	1.00E-04	0.16572959	0.22671704	1.00E-04
2.4828861	2.03796993	2.23163846	1.65811057	2.12382714	2.77570758	2.85400887
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61164232	1.40017454	1.41383407	2.15564516	2.82383049	2.36405866	2.44409348
0.11078877	0.06132258	0.0411688	1.89194937	1.93323872	1.35325147	2.04423635
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02739924	0.02003893	0.14984251	1.00E-04	1.00E-04	1.00E-04	0.24286859
0.07735618	0.2185344	0.24960201	1.00E-04	1.00E-04	0.09346028	1.00E-04
0.07588519	0.08168624	0.03717791	1.00E-04	1.00E-04	0.24958021	0.10890759
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.63774839	1.08047912	1.21754262	1.35204763	1.62590064	1.47625846	1.49713124
1.00E-04	0.02578747	0.03565683	1.00E-04	0.12367825	0.10725462	1.00E-04
0.02018633	0.01957561	0.02448606	1.00E-04	1.00E-04	0.2433014	0.27127285
1.00E-04	0.00770188	0.06055246	1.00E-04	0.41506265	1.00E-04	0.05509786
0.78709782	0.36407599	0.55150577	0.24117577	0.29184684	0.38017176	0.52839341
0.092751	0.07150497	0.02227679	1.00E-04	0.07410028	0.09421624	1.00E-04
1.00E-04	1.00E-04	0.01706216	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21785266	0.20741615	0.29891856	0.08563356	0.28825505	0.7214037	0.51952571
0.04820415	0.07639375	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24842517
1.08989608	0.72125317	0.92820212	1.00E-04	0.25715455	0.51303794	0.84859133
0.03583604	0.06012358	0.06500154	1.00E-04	0.33637553	1.00E-04	0.12864308
2.30966807	1.98392787	2.23260379	2.59704107	3.2423117	4.05803101	4.04618494
0.05143946	1.00E-04	0.03711248	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15592691	0.27733811	0.28135794	1.00E-04	0.2260662	1.00E-04	1.00E-04
0.12058398	0.04481079	0.08658354	1.00E-04	1.00E-04	0.03897551	0.35106228
1.82911554	0.98483273	1.35269601	0.62327095	0.19617104	0.384439	0.47586831
0.19694115	0.02549592	0.12917053	1.00E-04	0.67608318	0.23393986	0.37432228

1.98741308	1.56891523	1.82307474	0.84445366	1.9839193	2.3234144	2.50198775
1.78108839	1.32809261	1.39286276	2.12378493	2.53265121	2.35839581	2.23668403
1.28789459	0.99886651	0.86986355	1.32433825	1.75542011	1.90573398	2.30053289
2.45395073	2.5965957	2.06027507	1.79514762	2.19171236	2.83216495	2.97089086
1.43518353	0.94340044	0.84083079	1.25901875	1.12646364	1.5538942	1.36388339
0.02160869	0.00415613	0.05722394	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00844972	1.00E-04	0.16940137	1.00E-04	1.00E-04
0.11757374	0.04544686	0.02867293	1.00E-04	0.15561278	0.12834051	1.00E-04
0.04885182	0.02585944	0.02329712	1.00E-04	1.00E-04	1.00E-04	0.20577746
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11043555	0.12642995
0.48276523	0.38078387	0.43039055	0.70828607	0.80940579	0.49969777	0.84347325
0.02251037	0.00435303	0.03692032	1.00E-04	0.29784722	0.15308985	1.00E-04
0.27142515	0.6684675	0.64401733	0.19192842	0.2295928	0.36484652	0.49606706
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25298673	0.3002849	0.32304876	0.30481324	0.48667259	0.37288244	0.3908827
0.06767007	0.0521574	0.02298688	0.27806155	0.17136767	1.00E-04	0.55035216
1.00E-04	0.01402374	0.01471958	1.00E-04	1.00E-04	1.00E-04	0.0641339
0.79037842	0.47875196	0.61594766	1.12011042	1.20317478	1.29362287	1.43143997
1.00E-04	0.01530414	0.03439458	1.00E-04	1.00E-04	1.00E-04	0.13078953
1.00E-04	0.07141162	0.03113935	0.14708098	0.18487388	0.18871832	0.16396816
3.64621705	3.08786011	3.36639998	3.18637991	4.01790524	4.49651118	4.40248286
0.07825273	0.07729781	0.04337369	1.00E-04	1.00E-04	0.06295808	1.00E-04
1.00E-04	0.04530266	0.00637668	0.29999207	1.08444476	1.0298855	0.95816941
0.83647348	1.05959693	1.12679917	0.58521716	1.40865179	0.92624746	1.09220604
0.93693913	1.03022054	0.88937794	0.1916174	0.27606759	0.42616917	0.13078953
1.00E-04	0.02010489	0.00915704	0.26656627	0.17508207	1.00E-04	1.00E-04
0.05917805	0.06430569	0.11331705	1.00E-04	0.12010882	1.00E-04	0.31786314
2.10519788	1.78305435	1.85419466	1.46372158	2.09409395	2.00825953	1.88757612
1.00E-04	0.02310025	0.01971158	1.00E-04	1.00E-04	0.09695769	1.00E-04
1.76313189	1.75628713	1.71570807	1.30870869	1.71417109	1.85045567	1.81676069
0.08493152	0.02945968	0.00447691	1.00E-04	1.00E-04	0.05608971	1.00E-04
1.10801385	0.75829771	0.95101155	1.00E-04	0.38511744	0.25931737	0.10718744
0.04380409	0.04101982	0.05065616	1.00E-04	1.00E-04	0.26218283	1.00E-04
0.24441108	0.2243744	0.21820325	0.47897324	0.36096043	0.65555804	0.50061348
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15551652	0.31869293	0.24997916	0.60992134	0.24630438	0.89746357	0.65383215
0.94697436	0.12890937	0.17881663	1.25031433	0.88739502	1.50655284	1.20377207
0.3228781	0.26463631	0.29488459	0.57439085	0.53748796	0.3571219	0.68815227
1.00E-04	1.00E-04	0.02551178	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03564741	0.07828202	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00507092	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.03980074	0.039302	0.02509446	1.00E-04	1.00E-04	1.00E-04	0.21774724
1.00E-04	0.00857734	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01973124	1.00E-04	0.00440071	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03121927	0.03792244	0.36179962	0.11385652	0.08566832	1.00E-04
0.03738966	0.04934213	0.04948153	1.00E-04	0.10046455	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03454754	0.00956623	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26958355
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80916956	0.55896251	0.79347494	0.30548243	0.63787607	0.42121465	1.09280995
1.00E-04	0.11555379	0.04679756	1.00E-04	0.14926831	1.00E-04	1.00E-04
0.13302303	0.16400147	0.23071087	0.36298523	0.22557761	0.57433101	0.18054319
0.27842415	0.16920331	0.32075995	1.00E-04	1.02170316	0.89212624	1.114112
1.33232167	1.0946275	1.20543646	1.83699121	2.45497822	1.95527121	1.89225848
0.02381811	0.03893182	0.01718849	1.00E-04	1.00E-04	0.06514225	1.00E-04
0.06798622	0.0834269	0.06673729	1.00E-04	1.00E-04	0.20957748	0.12785045
1.00E-04	1.00E-04	0.00756422	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00492427	0.00681781	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01789477	0.01166432	0.00681645	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91106152	0.6011091	0.75639866	0.37795882	0.33389874	0.43367456	0.13882011
0.50933171	0.88873238	0.67768587	0.14936248	1.00E-04	0.44657261	0.35325673
2.6488116	2.26456207	2.27910906	2.49261428	3.06082237	2.85683936	2.94127311
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35500072	0.47253341	0.35709657	1.00E-04	0.44764479	0.43708285	0.37467028
1.58403782	0.80579254	1.04074811	1.60677064	1.84875882	1.62584021	1.93374962
1.407136	0.9321379	0.88798089	1.5476235	1.49855721	1.80938786	1.57996792
1.6373487	1.46723539	1.61126034	0.36016244	1.0502293	1.09089566	1.10831126
0.27262066	0.02162025	0.07726354	0.09984894	0.3197242	0.1572659	0.15429805
1.00E-04	0.0055925	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01994885	0.11559409	0.05415262	1.00E-04	0.1663089	0.06416075	0.24414727
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06526876	0.45579817	0.40455902	0.27127104	0.75767698	0.81404729	0.58609095
1.00E-04	0.07960737	0.10384655	0.22650484	0.04337809	0.04497219	1.00E-04
0.06367244	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.74510632	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01415671	1.00E-04	1.00E-04	1.00E-04	0.14019981
0.03974243	1.00E-04	0.03497533	0.1786376	1.00E-04	0.26639156	1.00E-04
0.87285615	0.99890698	0.75658274	1.00E-04	1.00E-04	0.09365542	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18340936	1.00E-04	1.00E-04
0.10679298	0.02262522	0.02147761	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00838777	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1494949	0.21625933	0.15617464	0.83664405	0.17572891	0.10085822	0.24608242
0.02893418	0.01145904	0.02466254	0.25954262	0.3225202	1.00E-04	1.00E-04
3.13790926	1.47300197	2.08652299	2.07283498	3.88712992	2.98306616	3.23039452
1.3490885	1.07790368	1.42987717	1.00E-04	0.44730871	0.86071463	0.58461006
0.19319382	0.24977941	0.28845432	0.21309199	0.14746989	0.30833842	0.12008664
0.89824362	1.52183139	0.77546066	0.36930497	0.16561799	0.32753142	0.26282556
1.00E-04	0.00439091	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98660446	0.60945016	0.74532672	0.54994612	0.94867363	0.55755219	0.86625018
0.12826354	0.10625026	0.15100078	0.21968929	0.11943951	1.00E-04	0.39995467
1.00E-04	0.02086991	0.03155824	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12236137	0.79253471	1.00766322	0.13845557	0.18396121	0.03138955	0.37551928
1.05024703	0.36254478	0.50848633	0.62535784	0.77785824	0.78654743	1.00E-04
0.64226483	0.32193035	0.14391662	0.11438153	0.80874647	1.18308316	1.02333189
2.32625	2.4858615	2.37966357	1.83396938	1.86898625	2.20576442	2.14887921
1.00E-04	0.02404763	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35882978	0.17775429	0.22485841	0.18208041	0.30087904	0.58176809	0.46946154
1.00E-04	0.01192752	0.01261321	1.00E-04	1.00E-04	1.00E-04	0.127205
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23757288	0.21904376	0.25659413	0.61388584	0.22031347	0.26825414	0.10961804
0.08370604	0.01831522	0.03773874	0.12222828	0.26000272	0.16700099	0.22463115
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04402793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.49073441	3.23000627	3.10013654	0.781642	0.92251958	1.33983912	1.24632967
1.00E-04	0.01441066	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15402317	1.00E-04	0.00789844	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01326051	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56997532	2.46012306	2.58937889	2.16968288	2.63479655	3.49619795	3.40390586
0.12325575	0.04963804	0.06994783	0.53184295	0.26113904	0.33213183	0.06254358
0.02391443	0.0403127	0.07799612	1.00E-04	0.12788499	0.035628	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03454754	0.06440883	0.01952375	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04171179	1.00E-04	0.03695939	1.00E-04	0.83217345	0.68981885	0.88609456
0.84867812	0.86732912	0.81764714	1.00E-04	0.35740817	0.22674572	0.24975546
1.00E-04	0.03154898	0.00567336	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02326662	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00898562	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19753949
0.16480731	0.04220551	0.10378709	0.36861208	0.19967127	0.45001728	0.35419696
0.27017473	0.10706362	0.1696361	0.17360725	1.26494598	0.34057273	0.7124172
1.00E-04	1.00E-04	0.00300768	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.05007682	0.00446498	0.03725222	1.00E-04	1.00E-04	1.00E-04	0.05756789
1.36548012	1.28704841	1.33738735	0.96878588	0.78508276	0.77392269	1.10908668
0.074414	0.01275185	0.03649413	1.21151688	1.6362097	1.48101125	1.47599627
1.00E-04	0.01610755	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11483276	0.02081074	0.022826	1.00E-04	1.00E-04	1.00E-04	0.12350852
0.29114209	0.1235548	0.14462539	1.00E-04	0.89795564	0.12921905	0.69647222
0.78497635	0.31006653	0.52803022	0.14693333	1.38544919	0.4151429	0.50575536
1.33601214	0.68915183	0.96709078	1.14321664	1.50261252	1.27550901	1.17922344
0.81602344	0.70573555	0.73147247	0.58476044	0.83504757	0.94194235	0.82947687
1.63857877	1.47054085	1.62616156	0.22081873	0.42619206	0.13209575	0.31663167
1.00E-04	0.09644617	0.09312441	1.00E-04	1.00E-04	1.00E-04	0.09223007
0.28913596	0.37562194	0.53124798	1.00E-04	1.00E-04	0.26318997	0.41204621
0.09647211	0.12730027	0.13569978	1.00E-04	0.56814171	0.0424282	0.04119131
0.14750771	0.02399376	0.02105448	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1387944	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06726729	0.03088502	1.00E-04	1.00E-04	1.00E-04	0.17222703	0.53225997
1.78004701	1.39439047	1.66913873	1.77345313	2.00500972	2.48192966	2.49686414
0.02538599	0.02017644	0.00989919	0.17410323	0.26441519	0.17586674	0.24326141
1.36600756	0.47489821	0.45734113	0.96517953	1.47255995	0.78001472	0.81125755
0.8043186	1.39776436	1.51576336	1.03617217	1.13773591	1.43873628	1.59099713
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43786889	1.18850902	1.48011084	0.75537928	1.78353377	2.14712635	2.09168117
0.01926318	0.03699672	0.02205747	0.16293332	0.49768046	0.55632972	0.80314311
0.44589558	0.15892283	0.09471521	0.6312378	0.32979462	0.14897157	0.48002433
1.1145513	1.21682785	1.27143088	0.62401048	0.30506977	0.15054303	0.63637264
0.15795967	0.17659824	0.19618871	0.39721575	0.76368664	1.05895908	1.26477711
0.82935813	1.19593064	1.22055534	0.94890619	1.2598815	1.32132856	1.14347938
0.5188481	0.31137534	0.42108742	0.36203495	0.14813278	0.29499712	0.06548989
1.00E-04	0.01999411	0.00458501	1.00E-04	1.00E-04	0.09506297	1.00E-04
1.00E-04	0.03162489	1.00E-04	1.00E-04	0.16926743	1.00E-04	1.00E-04
0.38730991	0.1785053	0.35601132	1.00E-04	0.09434248	0.04986109	0.06943952
1.00E-04	0.00507776	0.00572302	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07412121	0.00996945	0.00791438	1.00E-04	1.00E-04	1.00E-04	0.06326068
0.05935407	0.21186281	0.20452787	1.00E-04	1.00E-04	0.11916122	1.00E-04
0.21344403	0.17205325	0.17879685	0.3257061	0.22308796	0.18716287	0.31945352
0.04614619	0.03711676	0.01454794	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.33095884	3.61666583	4.1274467	5.17495137	3.74338676	3.51796179	3.84120638
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03081835	0.0284202	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.720824	0.59810615	0.81035954	1.32826486	1.59533354	2.05788604	1.69910106

0.38291975	0.25810472	0.25011322	0.52154624	0.56827939	0.28341234	0.16873438
0.07643386	0.01379018	0.01381891	1.00E-04	1.00E-04	0.12153169	1.00E-04
1.00E-04	0.01562218	0.03326117	1.00E-04	0.06363648	1.00E-04	0.21549163
0.14142587	0.10109435	0.18433301	0.0460434	0.54372565	0.56295723	0.42470164
0.06032383	0.03139721	0.0604112	0.40920487	0.02539601	0.16783219	1.00E-04
0.33616747	0.13689237	0.23644615	0.50795386	0.68148973	0.44118937	0.61374198
0.11122924	0.05267281	0.05640767	0.60327902	0.81971013	0.48432645	0.97555132
0.01232406	0.02912006	0.03247012	1.00E-04	0.26392454	0.292899	0.49126062
0.02162287	0.04990251	0.03453124	1.00E-04	0.21622861	0.24915661	0.25652819
1.00E-04	0.01659459	1.00E-04	1.00E-04	1.00E-04	0.10615581	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49528139	0.45588539	0.44104414	0.90767026	0.4635869	0.91270467	0.75558692
1.00E-04	0.03569615	0.09947373	1.00E-04	1.00E-04	0.08184509	0.09352524
1.00E-04	0.02574532	0.08732681	1.00E-04	0.11667632	0.25368132	0.61230454
1.00E-04	0.00457373	0.00747607	1.00E-04	1.00E-04	0.11199255	0.11400979
3.28554689	3.7479038	3.79705733	1.45239547	1.78514411	2.92084917	3.16576018
0.04735924	0.14638469	0.22642439	0.23102108	0.09999602	0.32424495	0.16556307
1.00E-04	0.01167786	0.00640674	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03072277	1.00E-04	0.03007444	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53231048	0.24280776	0.29545717	0.54871927	0.78694142	0.20880967	0.19025411
1.00E-04	0.01331748	0.00754883	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84549589	0.63393777	0.88772198	1.34123553	1.6262484	1.21046883	1.74291923
0.61746184	0.26491887	0.24756394	0.95854545	0.70650477	0.54938538	0.31616211
0.45669013	0.12963096	0.18499271	0.446148	0.74537693	0.57408772	0.57117583
0.56656313	0.44273601	0.47798843	1.31866313	1.38745652	1.71542713	1.80892116
1.00E-04	0.05455789	0.01095098	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02328189	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20807994	0.30315541	0.3376602	0.34538747	0.14082904	0.18479471	0.24217434
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02391443	1.00E-04	0.04605497	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0055925	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00589606	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90692486	0.69334872	1.13912622	0.50117233	0.98969716	1.38215686	1.18257595
0.67490085	0.63156338	0.7733378	0.14708098	0.11953943	0.72855832	0.88315157
0.05366007	0.09263569	0.05538133	1.00E-04	0.31995999	0.06773267	1.00E-04
0.61019631	0.40515222	0.50249085	1.58221851	1.31242261	1.15652674	1.26812907
0.32895517	0.28612199	0.47946861	1.00E-04	0.44633209	0.08508739	0.18868578
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07160198	1.00E-04	1.00E-04
0.09623915	0.07214253	0.01114569	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00666619	0.010381	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20306575	1.00E-04

0.41586802	0.3479604	0.52212717	0.08661552	1.00E-04	0.26928791	1.00E-04
0.04886825	0.03360916	0.07544964	0.30459494	1.00E-04	0.1967002	1.00E-04
0.04963807	0.00461866	0.00550347	1.00E-04	0.12425187	1.00E-04	0.13887477
0.69693386	0.96569809	0.93163733	0.78557124	0.77852842	1.35432441	1.21580432
0.04457465	1.00E-04	0.07290807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05031757	0.02284412	0.019157	0.19683926	0.04726303	0.62525645	0.63589228
0.85687815	0.85536427	1.00320546	0.13540772	0.19911635	0.12974378	0.61734428
0.27975343	0.3965916	0.27958786	1.00E-04	0.36777797	0.61329243	0.55900655
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16159858
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30232656	0.11364831	1.00E-04
2.45210094	2.07584991	2.33535291	2.72577169	3.0677523	2.84704677	2.98799144
0.92225856	0.57508747	0.45885753	1.2031055	0.53192626	1.11635686	0.699241
0.56942131	0.26135698	0.5293815	1.00E-04	0.56086569	0.36007829	0.40814687
1.88443666	1.61650996	1.83151972	1.89821271	2.40291881	2.88888925	2.62928217
0.208168	0.07700387	0.12572689	1.00E-04	0.17623532	0.42421491	0.42236302
0.04776479	0.05480597	0.04366357	1.00E-04	0.11189528	0.14320982	0.13074105
1.00E-04	0.01354402	0.03845075	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06159861	1.00E-04	1.00E-04	1.00E-04	0.1070249
1.00E-04	0.0064285	0.00498509	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0284242	0.02622793	0.03823727	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00439869	1.00E-04	1.00E-04	1.00E-04	0.09230224	0.11688003
0.56327615	0.22939821	0.27492657	0.19109463	0.07613881	0.5621126	0.27105623
1.00E-04	0.03351017	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37534962	0.65528833	0.82756187	1.00E-04	0.46839387	0.46824606	0.55396677
0.1899731	0.11863979	0.09253686	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02516988	0.05353753	0.09040287	0.32070646	0.14757149	0.13369258	0.36837607
0.11365382	0.05619459	0.04482184	0.63963129	1.12347159	1.41153062	0.7806565
0.13867056	0.06538706	0.04187849	1.18326425	0.21557442	0.19232078	0.23310142
0.50846457	0.66107273	0.45677863	1.49027005	1.06068682	1.07892398	0.78982658
1.00E-04	0.00927877	1.00E-04	1.00E-04	1.00E-04	0.05349592	1.00E-04
0.61461	0.20243774	0.25381377	0.16926772	0.23797818	0.23459785	0.0466606
2.35988985	2.6764786	2.5381382	0.13626473	0.68453287	1.6291287	1.50175515
1.55318777	1.63012984	1.77353833	2.47278507	3.29645529	3.80529572	3.37803965
0.03104956	0.00883748	0.03926844	1.00E-04	0.39793065	0.3531245	0.65794254
0.20323432	0.08031539	0.12208941	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04856754	1.00E-04	1.00E-04	1.00E-04	0.40612304	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16530367	1.00E-04
1.55399531	1.32881557	1.58469395	1.11932627	1.75956765	2.24556341	2.25095251
1.00E-04	0.01795287	0.02456932	1.00E-04	1.00E-04	0.16578477	1.00E-04
0.65148974	0.71480684	0.72149149	0.88253417	1.05546765	1.64493768	0.71135878
1.6384777	1.6308372	1.37419441	0.93745691	1.38204117	1.23079167	0.89852617
0.86924951	1.01901917	1.00430957	0.1120025	0.59921979	0.38608043	0.39673843
0.01941889	0.05956777	0.06609504	1.00E-04	0.08489363	1.00E-04	0.10272577

0.13238737	0.02061072	0.0182163	0.17666904	0.19583226	0.22731856	0.61919271
0.11678704	0.10593684	0.0715523	1.00E-04	0.14782609	0.15918975	1.00E-04
1.00E-04	0.0387117	0.05614631	1.00E-04	0.09882081	0.40329792	0.33665191
1.00E-04	0.0070521	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07815313	0.10104419	0.05491027	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03731775	0.026027	0.02207757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0192817	0.14306251	0.20997996	1.00E-04	1.00E-04	1.00E-04	0.12795081
1.00E-04	0.01096895	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20606467	1.28346069	1.29043472	0.36112442	0.90069854	1.1565631	1.52513247
0.14922325	0.13509899	0.16128584	1.00E-04	0.14087534	1.00E-04	1.00E-04
0.02034661	0.02905367	0.0337813	1.00E-04	1.00E-04	0.27720338	1.00E-04
0.58362216	0.27090383	0.48285255	0.40432353	0.36797851	0.23700784	0.29389725
1.00E-04	0.00707945	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08191313	0.03544057	0.0450055	1.00E-04	1.00E-04	0.0811403	0.21948674
0.60500082	0.75183754	1.03449681	1.23178427	1.19296801	1.40660831	1.62399517
1.00E-04	0.02820041	0.03417846	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.72332566	5.56090909	5.3253038	2.74313908	2.90463157	4.20090107	4.12523123
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02391443	0.00731949	0.0050177	1.00E-04	1.00E-04	0.10316889	1.00E-04
1.00E-04	0.00984623	1.00E-04	1.00E-04	0.11664458	1.00E-04	1.00E-04
1.79404791	1.11580728	1.38840434	0.47904573	0.43864376	0.10211685	0.10683051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42128288	0.33463338	0.24660019	0.25770778	1.00E-04	1.00E-04	0.19495324
2.62080699	2.58055326	2.94054009	1.61174725	1.76008972	1.70970014	1.76722019
3.69970208	3.25763311	3.71318009	1.72705985	2.21700717	2.14644016	2.00551028
0.57984614	0.37159359	0.54062317	1.08583821	0.79899032	1.04344075	1.25569489
0.56299303	0.25316418	0.42978792	0.85636802	0.81155191	0.72126443	0.82392024
0.04278807	0.01135905	0.03443464	1.00E-04	1.00E-04	1.00E-04	0.09914735
0.11102294	0.11327803	0.14982128	1.00E-04	1.00E-04	0.09269706	0.17909225
1.00E-04	0.01597111	0.04070507	1.00E-04	1.00E-04	0.10237126	0.12499642
2.76898104	1.84042707	2.06939043	2.76176455	3.09407938	2.75994592	3.05811185
0.46521415	0.14591859	0.16885537	1.00E-04	0.40581668	0.36650555	0.41352582
0.19418205	0.1121167	0.16932292	0.20007289	1.00E-04	0.06325869	0.14636835
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30313295	0.08045922	0.07534138	0.32572502	0.38201436	0.12736075	0.61340888
1.02392683	1.06469942	1.25024281	1.1931767	1.51579125	1.60460614	1.86116442
1.00E-04	0.01037635	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12746541	0.1282522	0.10157287	0.36051724	0.1310124	0.4342039	0.88284816
0.41834598	0.19126518	0.15881853	0.92833488	1.14401413	0.72465555	0.9443338
0.23284535	0.1214551	0.12709852	0.30686336	0.25839686	0.03267076	0.10495594
0.06900903	0.03488778	0.02184426	1.00E-04	1.00E-04	0.09860213	1.00E-04
0.01189194	0.07619438	0.02980328	0.76579293	0.21449825	0.20069131	0.10263614

1.34251712	1.50691374	1.63101634	1.41915971	1.28318074	1.41542414	1.52346097
1.52347876	0.9851974	1.23643804	1.82979764	1.74404204	1.72864239	1.62832702
0.35031276	0.32836476	0.53855342	0.52047124	0.37609508	0.84121473	0.9795348
1.5652019	1.99094708	1.9294381	0.38708875	0.64906488	0.7535638	1.00143327
0.11397048	0.03017583	0.02098276	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02540977	0.17404614	0.09076219	0.13046084	0.12519547	0.41937047	0.55346155
0.14497906	0.15622461	0.16224769	1.00E-04	0.5456451	0.19693801	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05827	0.09345962	1.00E-04	0.19791031	0.21233825	0.35738488
0.3959726	0.22913778	0.36182232	0.31378554	0.30226833	0.25320917	0.07206619
0.19326196	0.20437246	0.20429609	1.00E-04	0.09731828	0.17207093	0.183572
1.00E-04	0.00677424	0.01800447	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19169523	0.1391839	0.23834015	0.50097562	0.2165961	0.5989667	0.66504301
3.51074629	3.17654512	3.27408427	3.89022494	4.46817808	4.76846606	4.88951943
1.39899668	1.19184521	1.11936218	1.57205574	1.3192496	1.77117459	1.63403268
1.41010407	1.00293349	1.11754672	0.30041246	0.12085379	0.76506976	0.35466584
1.3801806	1.17515293	1.28580463	0.8569995	1.79190789	1.18663913	1.65845103
0.51152047	0.50247615	0.54050342	1.43766365	0.77503752	0.86065022	1.43961964
0.0913893	0.04883121	0.07562474	1.00E-04	0.28121959	1.00E-04	0.1502351
0.03270991	0.01388288	0.02010975	1.00E-04	1.00E-04	1.00E-04	0.23905414
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01837743	0.01449259	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40645948	0.48627809	0.62218659	0.68965717	0.09440478	0.30905722	0.78238881
0.83989938	0.65925151	0.72731546	0.60463102	1.10653809	0.64463183	1.31866156
1.00085669	0.9783552	0.9206983	0.3027141	0.53524828	0.94575654	0.81484615
0.41861515	0.20340249	0.17956885	0.6320702	0.81154513	0.40983976	0.65490557
0.01536182	0.02457268	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77086872	0.6055399	0.76787561	0.60392456	0.91403295	0.77452903	0.87784444
0.41334784	0.43488863	0.30306124	1.00E-04	0.45135426	0.54120649	0.73222405
0.05234061	0.00793447	1.00E-04	1.00E-04	0.17659885	0.04478641	1.00E-04
0.13047503	0.05354608	0.08368772	0.81005153	0.18849889	0.40493336	0.59555466
0.03016559	0.00641339	0.00617477	0.26889016	0.14656634	1.00E-04	1.00E-04
0.06326655	0.06150543	0.12461883	0.80840987	0.70191742	0.54675752	0.37086352
0.58353445	0.39489536	0.44639007	0.50787252	0.68073036	0.59339232	0.81378448
0.56495076	0.18227923	0.28677232	0.17326361	0.31654753	0.76183198	1.00E-04
0.02028666	0.06995687	0.04756687	1.00E-04	1.00E-04	0.3800489	1.00E-04
1.00E-04	0.00976161	0.01614128	1.00E-04	0.0662299	0.07363072	1.00E-04
0.74665711	0.75829709	0.80181833	1.26835572	1.32907471	1.72792231	1.93070384
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.011788	0.12499862	0.17609019	1.00E-04	0.20853035	0.03751648	1.00E-04
0.0689059	0.01480062	0.23635677	0.19769126	0.54672539	0.67933832	0.71156839
1.00E-04	0.00395133	0.01150168	1.00E-04	1.00E-04	1.00E-04	0.04819519

0.24053777	0.21141446	0.11594058	0.2761641	0.22954924	0.03698708	0.25033552
1.00E-04	0.115804	0.10886826	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20005886	0.15407209	0.05369191	1.00E-04	1.00E-04	0.05270385	1.00E-04
1.4438305	1.85134503	1.93830339	1.00E-04	0.38822791	0.09079061	1.00E-04
0.30781887	0.53494555	0.59912189	0.31390994	0.2105124	0.19535102	0.30454518
0.48502472	0.31671557	0.49557821	2.34979905	3.00117556	3.5926453	3.80560293
1.00E-04	0.03861153	0.11239516	1.00E-04	0.11157497	0.05567344	0.0611465
0.05856922	0.0458908	0.0781724	1.00E-04	1.00E-04	1.00E-04	0.20482076
0.80906874	1.0955166	1.18414718	0.14779387	0.13683036	0.44443292	0.23674286
0.0416613	0.0238378	0.02058327	1.00E-04	1.00E-04	1.00E-04	0.17059433
1.00E-04	0.03377648	0.07647789	0.11438153	1.00E-04	0.20329266	0.07421728
0.04291947	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.019987	0.01453481	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00778292	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01036536	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28733919	0.22294297	0.34160173	0.1992262	0.91842964	0.82383348	0.73855241
0.05217445	0.25451731	0.20635663	1.00E-04	1.00E-04	0.07367622	1.00E-04
1.00E-04	0.01957231	0.01472345	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11119348	0.13248972	0.08840251	0.20051211	1.00E-04	1.00E-04	1.00E-04
0.10238007	0.12844366	0.10828202	0.39919232	0.51091911	0.09933721	0.25356004
0.41859913	0.15254744	0.29866656	1.00E-04	0.65966387	0.48235475	0.6543136
0.04522153	0.05102911	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10673214
0.64535218	1.15217086	1.22817209	0.57148833	0.93595257	0.64830394	0.92679988
0.24510996	0.12291506	0.1296481	0.23990694	0.67181454	0.40624171	0.82383207
2.22743784	2.1686242	2.47312224	2.47781868	2.81190714	2.76202153	2.80364471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12443165	0.37863099	0.35567258	0.48720764	0.37319275	0.45576021	0.61655445
0.01921103	0.1511663	0.10408241	1.00E-04	0.20772507	0.39087502	0.30768375
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04121127	1.00E-04
1.00E-04	0.00610521	0.03199973	1.00E-04	1.00E-04	1.00E-04	0.06583176
0.85400534	0.94319879	0.9429872	1.27988425	1.19431409	1.2828519	1.4316592
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49498709	1.13777923	1.37188617	2.85486972	3.35083488	3.00402269	3.15443406
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03538513	0.00705732	0.03122551	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36338244	0.24199939	0.22861896	0.293057	0.19583226	1.00E-04	1.00E-04
0.2507151	0.09066897	0.03808705	1.00E-04	1.00E-04	1.00E-04	0.18292308
1.31476366	1.53088732	1.57345089	0.28935928	1.00E-04	0.37917276	0.29777251
0.01232406	0.00780111	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59302335	0.17650566	0.2893633	0.22049423	1.00E-04	0.12446965	0.44234221

1.00E-04	0.02152317	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07242837	0.0114788	0.03456844	1.00E-04	0.33244622	0.08315826	0.32074619
0.24225591	0.06590729	0.11993639	0.15555423	0.17240279	0.0866964	0.2722874
1.98065472	2.02633926	2.17006045	0.79776288	1.09876191	1.24868	1.43534166
0.31566405	0.92622857	0.92939181	1.00E-04	0.30644078	0.44580131	0.62210186
0.46511362	0.32475377	0.29965003	1.00E-04	0.27401252	1.00E-04	0.09249592
2.36368931	1.90038098	1.74187978	0.43586654	0.68321982	0.54037369	0.32691307
1.00E-04	0.00611062	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02945825	0.01658587	1.00E-04	0.14227873	0.10634529	0.31337474
1.00E-04	1.00E-04	0.04148691	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50939722	0.36052444	0.46428244	1.20344286	1.38820962	1.20717095	1.35787261
0.75841552	0.84020022	0.36402398	0.73247832	1.27754759	1.39543553	1.18151942
0.29842126	0.14350453	0.18661222	0.30210732	0.50351544	0.36283971	0.78062106
1.01644535	0.68823927	0.78269241	0.33646387	0.891075	1.01236923	1.16737128
2.6766842	1.48803525	1.74176597	1.03474329	1.26738643	1.07439512	0.56580355
0.06733118	0.06746295	0.03557572	1.00E-04	1.00E-04	0.10325829	1.00E-04
1.00E-04	0.00790695	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4438291	0.39938196	0.3873618	1.05731105	1.18842243	1.08633872	0.6518053
1.00E-04	0.00863105	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02856857	0.01545772	0.07162042	1.00E-04	1.00E-04	0.12091492	1.00E-04
1.62686608	1.4399375	1.4654962	0.80796332	0.48844292	0.60632217	0.19633509
1.00E-04	0.04904527	0.00672134	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17897903	0.72713791	0.54060172	0.40222273	0.53452175	0.36325425	0.32813948
0.17291353	0.0379028	0.12307297	1.00E-04	0.13325287	0.15830918	0.33915721
0.38994965	0.44602708	0.58495122	1.00E-04	1.00E-04	0.08804113	0.14092816
1.00E-04	0.00541065	0.04246296	1.00E-04	1.00E-04	1.00E-04	0.08897539
1.00E-04	0.01249837	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.77518247	4.59653764	4.53596536	2.59159597	2.9672339	4.05892964	4.35730477
0.87324759	0.86197458	0.92874914	1.00E-04	1.00E-04	0.49454825	0.56760667
3.77315647	4.05053354	4.07788299	3.70944503	4.08886721	4.40820045	4.46576005
1.61957213	1.21488816	0.65375497	1.49048087	1.10630564	0.82708334	1.02114165
0.07056296	0.02880514	0.06385591	1.00E-04	1.00E-04	0.06584374	0.34895133
0.84020483	0.70033629	0.84666808	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01898524	0.00668046	1.00E-04	1.00E-04	1.00E-04	0.08730302
0.3624559	0.16927871	0.20509767	0.1783061	0.381028	0.11064064	0.69611302
1.37193309	1.1335226	1.37057625	1.38723041	1.76688418	1.86315955	1.91809277
2.09554385	1.47406377	1.79486211	0.26127314	0.61520922	0.40619126	0.83736909
0.63037991	0.3742303	0.78657367	0.32515088	0.40589232	0.71644364	1.2763753
1.00E-04	1.00E-04	0.04363931	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27385094	1.10849775	1.2653166	2.23461391	2.54965873	2.16145513	2.49229102
0.18602808	0.16086913	0.37963637	1.00E-04	0.13595854	1.00E-04	0.03920679
0.02176059	0.03745332	0.08561764	0.53782795	0.14921632	0.32872477	0.54929189

0.66829148	1.16378944	1.10738288	0.28756081	1.00E-04	0.41150329	0.48701568
0.08043634	0.05715526	0.18840948	0.57303864	1.01212314	1.40071747	1.51514368
2.64829095	2.46877543	2.67225855	1.00E-04	0.95906139	1.45762861	0.95009823
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23582886	0.18334241	0.03394864	1.00E-04	0.3711424	0.40217842	0.16042179
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02538031	1.57665669	1.82457929	1.43047515	2.21164276	2.55258892	2.45945446
2.66048067	2.36453854	2.59879799	2.47337255	3.13400877	3.79862739	3.85433689
0.05092398	0.24265655	0.15035644	0.07865641	0.22211158	1.00E-04	1.00E-04
1.00E-04	0.06473051	0.04231983	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34747629	1.2671652	1.4906959	0.62346141	0.29421719	0.86704642	1.12948087
0.26430184	0.67608218	0.37948929	0.23188425	0.35419729	0.524265	0.36460548
0.72501148	0.63670518	0.68031153	1.00E-04	0.37321008	0.39527891	0.48920891
1.00E-04	0.02293336	0.00651745	1.00E-04	0.21579204	1.00E-04	1.00E-04
0.063204	0.05581199	0.02537228	1.00E-04	0.16414141	0.04123264	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17036319	0.08660988	0.07348535	1.00E-04	0.14921632	0.19647505	0.22271628
0.02967511	0.07136932	0.13106474	1.00E-04	0.3524328	1.00E-04	0.15785242
1.00E-04	0.00592596	0.00483634	1.00E-04	0.41259122	0.18723617	0.3212297
1.00E-04	0.00982597	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2118704	0.18139322	0.08992828	0.15903701	0.14059799	0.15017165	0.18214812
0.83118629	0.7894189	0.87735742	1.09359634	1.59287177	1.28484169	1.31126174
0.26029351	0.14524571	0.1038646	0.0815269	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02503087	0.03286209	0.08193715	0.4663441	0.07248911	0.11664819
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26347176	1.36630847	1.09216157	0.30197807	0.13214349	0.45828907	0.33210762
1.00E-04	0.04128888	0.03022075	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04441605	0.03465138	0.27753186	1.00E-04	0.09487379	0.17526129
2.10909493	1.99106559	2.03440274	2.55411303	3.03604248	3.07824388	3.13435579
0.31008882	0.24888418	0.19074222	0.17189341	0.56889305	0.40685887	0.69736924
0.20735152	0.11117219	0.14009641	0.24848733	0.80561042	0.48843505	0.62090197
0.11643948	0.0623521	0.03449631	1.00E-04	1.00E-04	0.0850267	1.00E-04
0.94544615	1.40133163	1.27189635	0.51443076	0.2578293	1.38949472	1.44788214
0.48353983	0.47678763	0.41035372	0.18372768	0.60388213	0.85257391	0.79988227
0.3305284	0.09689718	0.12487824	0.42383993	0.27117696	0.5469037	0.19691387
0.12371305	0.19582606	0.18338892	1.00E-04	1.00E-04	0.30746572	0.13499434
2.41293251	1.82826942	1.81537594	1.42760201	2.12341545	2.20150875	2.24734583
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.21339806	1.00E-04	1.00E-04	1.00E-04
0.0388159	1.00E-04	0.01782743	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34228634	0.3797402	0.56084184	0.29932435	0.11604466	0.03214679	0.17018238
0.02200875	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.21411377	0.76730477	0.74860643	1.00448177	1.62438884	1.70352798	1.77988832
1.00E-04	0.00395145	0.00707317	1.00E-04	1.00E-04	0.10832717	0.09389844
1.00E-04	0.01345381	0.02783192	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1245175	0.36723018	0.23228145	1.00E-04	0.44377991	0.34546644	0.34043538
0.15708681	0.10330815	0.09350638	1.00E-04	0.12501289	0.27627804	0.10722001
0.62493061	0.2756593	0.40282111	1.52805317	1.99380657	1.78107752	1.78338588
1.55818452	1.0980255	1.13199408	2.24550204	2.22616089	2.14008982	2.0426326
1.00E-04	0.02824306	0.04228061	0.48383004	0.1680055	1.00E-04	1.00E-04
0.86083305	0.50004793	0.65597241	2.59963966	2.65840033	2.0035572	2.31317491
0.09173975	0.03871802	0.05573257	0.99302057	0.66372566	1.12118468	0.34754533
1.00E-04	0.01506228	0.00649586	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00428688	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137198	0.21456104
0.07176516	0.10004037	0.07003713	0.11063207	0.13713328	0.2346078	0.08832974
0.74394315	1.21256018	1.59749671	0.16521491	0.09193585	0.17096093	0.22790442
0.10165113	0.00880301	0.00865808	1.00E-04	1.00E-04	0.04440287	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23772535	0.09796873	0.16822678	0.91579138	1.33878834	0.67557964	1.19350562
1.00E-04	1.00E-04	0.01503134	0.12245313	0.44174998	0.25003332	0.3670171
0.92266427	0.88892832	1.03341112	1.00E-04	0.1689335	0.16423119	0.12968357
0.02836127	0.01085731	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20230313
0.02529272	0.02769021	0.05311341	0.26327285	1.06450192	1.05417293	1.3958732
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36341746	0.0538461
1.00E-04	0.02161818	0.05482007	0.28718588	0.75703949	1.3294627	0.72320663
1.00E-04	0.02098781	0.05125209	1.00E-04	0.57691618	0.58546178	0.76107691
1.00E-04	1.00E-04	0.01941079	1.00E-04	0.29801557	0.6819683	0.72854585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34990081	0.15938167
1.00E-04	1.00E-04	0.00609473	1.00E-04	1.00E-04	0.09141731	1.00E-04
1.00E-04	1.00E-04	0.00695834	0.30416965	1.08014302	0.40788424	0.55802086
1.00E-04	0.04489114	0.01417893	0.58785305	0.62825557	0.40836281	0.15437504
1.00E-04	0.00475161	0.00485172	1.00E-04	0.06566896	0.19018416	0.17771769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11126052	1.00E-04
0.34281229	0.58457256	0.59583679	1.00E-04	1.00E-04	0.08498048	0.49346702
1.00E-04	0.0460747	0.0706476	1.00E-04	0.14741914	0.07392749	0.30935103
1.00E-04	0.00333112	1.00E-04	1.00E-04	0.37994111	0.20964459	0.25004203
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14162036	0.12604765	0.01264795	1.15489067	1.37640386	1.34473836	1.20840271
1.93457763	1.86758217	1.98154346	1.00E-04	0.6771407	0.56074967	0.25797086
0.6890838	0.49484331	0.59234429	0.57292746	0.7900389	1.09199228	1.2668042
2.401145	2.76415513	2.66711008	1.16664515	1.54268697	1.67918394	1.87292468
1.00770037	0.84084548	1.19119788	2.49888342	2.85334236	2.63598125	3.045848
3.14212497	3.55053015	3.63705136	1.48827732	1.86039838	2.47133662	2.45590034

0.01241261	0.11065753	0.29260318	0.18354318	1.00E-04	1.00E-04	1.00E-04
0.07736608	0.24918267	0.24000073	1.00E-04	1.00E-04	1.00E-04	0.30701874
1.00E-04	0.00886083	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05593288	0.06474705	0.16514031	1.00E-04	1.00E-04	1.00E-04
0.05944435	0.02164175	0.02926358	1.00E-04	1.00E-04	0.11426948	1.00E-04
0.03148191	1.00E-04	0.01979056	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2556495	0.30338098	0.25776476	0.51583178	0.505108	0.84272149	1.00718415
1.00E-04	0.00650548	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03284961	0.05380182	0.01276719	0.15568662	0.24082917	0.46015995	0.51991097
0.02538599	0.00484395	0.02165886	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21153462	0.6107988	0.69380005	1.13189117	1.54684851	1.36539907	1.58613194
0.03390002	0.0123475	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07175496	0.6883518	0.75293555	0.14466779	1.00E-04	0.23712091	1.00E-04
1.00E-04	0.0025233	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10248534	0.01598745	0.02093002	1.00E-04	1.00E-04	0.05020748	1.00E-04
0.36058943	0.26019769	0.36048554	0.40750091	0.17596201	0.29933168	0.42338594
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03973216	1.00E-04	0.02599159	1.00E-04	0.17689075	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00572517	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01311679	0.00799224	1.00E-04	0.09486419	1.00E-04	1.00E-04
0.05527791	0.37103772	0.40220171	1.00E-04	0.2026305	0.07912821	0.38031186
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28866809	1.13341117	1.36750718	1.42985285	2.09871719	1.90962777	1.90650224
1.65409862	1.71055942	1.77085311	2.18662009	2.51728025	2.40748885	2.58886678
0.25163328	0.09040701	0.04792814	0.2568001	0.38004404	0.4473024	0.18385946
1.73252509	1.15221119	1.25592196	2.56623569	2.54174833	2.76984611	2.55044275
0.05311906	0.07282855	0.19869909	0.52416353	0.04937125	0.64399981	0.51535847
0.03340163	0.01232078	0.01105682	1.00E-04	1.00E-04	0.01694011	1.00E-04
0.02561723	0.03917239	0.07121929	1.00E-04	0.17544083	0.14117753	0.23412534
0.11141431	1.00E-04	0.08197074	1.00E-04	0.32576625	0.12863492	1.00E-04
1.15364389	1.54005353	1.6284889	0.30589918	0.84729965	0.56021352	1.07799065
0.20146596	0.08665934	0.11903541	0.77714405	0.13748527	0.30198459	0.39823803
1.00E-04	0.03817129	0.00570234	1.00E-04	0.09053849	0.11064064	1.00E-04
1.00E-04	0.00582201	1.00E-04	1.00E-04	0.09046211	0.04897041	1.00E-04
1.32432597	0.66809577	0.7573621	1.00E-04	0.29726098	0.35462392	0.27731253
0.72123895	0.60315715	0.64835328	1.82984619	2.69114301	3.0750234	2.77069708
0.06720071	0.06631073	0.02165042	0.08563356	1.00E-04	0.33883338	0.17248379
1.00E-04	0.01518069	0.05169406	1.00E-04	1.00E-04	1.00E-04	0.11320509
0.061903	0.18190186	0.40410607	1.00E-04	1.00E-04	0.18278624	0.21713652
0.22459645	0.12450086	0.24995995	1.00E-04	1.00E-04	0.07018478	1.00E-04
0.87176496	1.22848426	1.27973845	0.88142069	0.67233117	1.00413118	1.1981324
1.07544078	0.58620287	0.80102074	1.94492698	1.71189733	1.87159703	1.85675221

0.10293299	0.09025778	0.14362988	0.56369176	0.68608651	0.28829817	0.8585296
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03428726	0.05043942	1.00E-04	0.08643328	1.00E-04	1.00E-04
0.12205603	0.07261055	0.06123007	1.00E-04	0.160824	0.03345431	0.23798384
0.02053869	0.08750348	0.09390565	1.00E-04	1.00E-04	0.06469415	0.07273425
0.14594658	0.057026	0.02717137	1.00E-04	0.03960299	1.00E-04	0.18980437
0.09217821	0.1011742	0.09048287	1.00E-04	1.00E-04	1.00E-04	0.17051178
0.1074957	0.06733141	0.02621863	1.00E-04	1.00E-04	0.14280672	1.00E-04
1.7702095	1.25173755	1.39260824	1.51976078	1.97259021	1.71445794	1.16191591
1.39630926	0.89133901	1.23433588	0.40856757	0.84193883	0.60593179	0.9680868
0.78465709	0.87355051	1.12583655	1.00E-04	0.20934705	0.30725926	0.63998552
1.85129894	1.19848254	1.35043113	1.7981507	2.14180601	1.18261685	1.30807463
1.00E-04	1.00E-04	1.00E-04	0.29093556	0.1038003	1.00E-04	1.00E-04
1.00E-04	0.0065553	1.00E-04	0.23212316	1.00E-04	1.00E-04	1.00E-04
0.01666323	0.02265373	0.03765882	0.19273822	0.11545089	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10073202
0.03866945	0.01515545	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87538044	1.27917061	1.17278618	1.18914732	2.11048719	1.56100914	1.2923972
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02043043	0.08572676	0.10288682	0.61886298	0.54879724	1.00E-04	0.31363061
0.08553031	0.02039419	0.05268497	1.00E-04	0.35530773	0.05242581	0.08875169
0.02627989	0.16246405	0.20008767	1.00E-04	1.00E-04	0.05123206	0.07410824
0.15385321	0.07909483	0.04596497	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0996181	0.04451417	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22796899	0.12458589	0.03014846	0.23124065	1.00E-04	0.07083107	1.00E-04
0.6802741	0.76486701	0.41920077	1.00E-04	1.00E-04	0.13617993	1.00E-04
0.02725353	0.01186511	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09137654	0.01645915	0.02521445	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05142392	0.02812709	0.03471429	1.00E-04	0.32097921	0.0629747	0.05875561
0.10431983	0.14582175	0.22902274	0.26715255	1.00E-04	0.24231458	0.10804066
1.00E-04	0.006078	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03363303	0.02812236	0.05184405	1.00E-04	1.00E-04	1.00E-04	0.21387489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24927108	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10073692	0.8704673	0.68972953	1.29867011	1.75181962	1.35531144	1.22696301
2.07803202	1.84601679	2.17779072	1.47581548	2.22091279	2.30232547	2.48714175
1.00E-04	0.07699906	0.06266239	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11483036	0.09672702	0.10554303	1.00E-04	1.00E-04	1.00E-04	0.04582509
0.52421241	0.20319492	0.28131952	1.00E-04	0.13744117	0.08735636	0.54785998
2.40096782	2.28450465	2.55249294	1.37313848	2.56822655	3.01976844	3.20482732

0.58453269	0.31767028	0.25888589	0.10312421	1.00E-04	1.00E-04	1.00E-04
0.02334671	0.04892627	0.03408008	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05359413	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04345443	0.09762858	0.09241614	1.00E-04	0.06583355	0.0388359	0.12771158
0.43030767	0.26193392	0.25884622	0.78527862	0.7120027	0.48885706	0.92843522
0.25461848	0.20067977	0.23611632	0.52255023	0.6449469	1.31900503	1.14202056
0.88806365	1.55410042	1.41799453	0.8245615	1.1072941	1.34935843	1.46101825
1.23640046	0.41273647	0.7197949	0.57086085	0.87591842	1.08496325	1.27495627
0.23603906	0.13287182	0.2780603	0.61517725	0.35073554	0.22744472	0.25377377
1.08138721	1.21091127	1.14984074	0.48877605	0.70997698	0.81426132	1.07363771
0.05787213	0.03661901	0.04034937	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18352961	0.40829132	0.60097057	0.77111263	0.62085682	0.71594607	1.08226206
0.69510521	0.48202253	0.64216498	0.94322087	1.01403928	1.41051843	1.25009433
0.98265625	0.92159062	1.09855925	0.29822412	0.61273257	0.75340898	1.43315637
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16780797	1.00E-04	1.00E-04
0.07534996	0.02004527	0.04863277	1.00E-04	1.00E-04	1.00E-04	0.13757459
0.02209838	0.01127394	0.04842624	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79360389	0.49611452	0.50539397	0.16458297	0.85707722	0.51157521	1.00010781
0.05284769	0.02585454	0.04156475	1.00E-04	0.58694113	0.46381294	0.33507454
1.00E-04	0.00710783	0.00365762	1.00E-04	0.25949532	1.00E-04	0.17900125
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06691538	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03892467	1.00E-04	1.00E-04	0.24669376	1.00E-04	0.30228945
1.94955313	1.38475289	1.35530464	2.55900068	2.60957063	3.07589732	3.04873681
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45688946	0.45080091	0.50189234	0.10688636	0.22438731	0.99456981	0.70534021
0.02034661	0.004336	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87836556	2.07949382	2.30516751	1.06294458	0.78979403	1.18241239	1.23679262
0.26329224	0.16770339	0.26657035	1.00E-04	0.13037472	1.00E-04	0.09948271
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04313329	0.13354932	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00950221	0.01268887	1.00E-04	1.00E-04	0.0248754	0.05518396
1.00E-04	0.24570845	0.24064402	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2364363	0.26564503	0.26796391	0.32376582	0.32440794	0.56418731	0.4185829
1.00E-04	1.00E-04	0.01672307	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06667416	0.03544551	0.01881636	0.26443854	0.29014055	0.1970415	0.1315701
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32172126	0.07598551	0.14401748	0.33335963	0.07069346	0.04307957	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04886106	0.02866987	0.08812975	0.08114769	0.17882478	0.32284587	0.10201313
1.42510353	1.92899384	1.66749736	0.60836782	0.30283823	1.19621989	1.02335834

1.76657531	1.62353439	1.77994143	2.12080701	2.42122166	2.56468597	2.71695893
0.03707476	0.03640905	0.03482683	1.00E-04	0.15831621	0.19637101	1.00E-04
1.00E-04	0.00398251	1.00E-04	1.00E-04	1.00E-04	0.12897683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13715182
0.16638699	0.02322138	0.0287614	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00642567	0.00647778	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12683344	0.01212796	0.00709804	1.00E-04	1.00E-04	0.0758802	1.00E-04
0.93595296	0.61430597	0.72951173	0.37137375	0.76781239	0.72429306	0.85369999
1.00E-04	0.02306918	0.03232426	1.00E-04	1.00E-04	0.05387051	0.05764307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00473241	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07656079	1.00E-04	0.0073386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95481492	1.25655578	1.11198735	0.20914237	0.47643043	0.96982541	0.65223035
0.11385292	0.12361034	0.09169797	1.00E-04	1.00E-04	0.09588334	0.07068611
0.18422629	0.15831635	0.17013308	1.00E-04	0.56045798	0.35242454	0.08670263
1.00E-04	0.03456204	0.05027586	1.00E-04	0.14375863	0.30221273	0.16735367
0.03217594	0.00666118	0.05344382	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00738349	0.03257598	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16028851	0.13229463	0.19312523	1.00E-04	1.00E-04	0.92428506	0.80848972
0.82289315	0.2742186	0.28650971	1.00E-04	0.36329319	0.08315826	0.22334769
0.41321274	0.35065985	0.43554835	0.30542418	1.00E-04	0.15330624	0.08700179
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29355399	0.35662107	0.38173639	0.13500814	0.11379608	0.14777821	0.13776
1.02788933	0.75609842	0.89593764	1.25910888	0.92689938	1.28759069	1.43889035
0.09709018	0.19487519	0.2422932	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58797375	1.62772265	1.88694415	1.74686551	2.3915827	2.73243332	2.74312182
1.17953817	0.59897443	0.66076478	2.14242347	2.4908342	2.26959364	2.05823656
0.061903	0.02480388	0.02833227	0.403971	0.73717037	0.7222922	0.35056491
1.00E-04	1.00E-04	0.01100188	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56695713	0.40554178	0.40577914	0.26310222	1.00E-04	0.08024733	1.00E-04
0.02323615	0.03997557	0.10894586	1.00E-04	0.51370058	0.12981174	1.00E-04
1.67464957	1.19289487	1.348702	1.58944712	1.7336825	1.97457167	1.90036038
0.09289607	0.19885232	0.26310932	0.15171602	0.43825095	0.48321671	0.37500585
1.00E-04	0.00698818	0.04899451	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01149367	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32890329	0.40325395	0.67890703	0.2963985	1.00E-04	0.13141742	1.00E-04
0.29218252	0.20556905	0.33338231	1.00E-04	0.0301277	0.0912715	0.24218961
1.00E-04	0.01934948	0.0130001	1.00E-04	1.00E-04	0.10682195	0.09962311
0.02645626	0.04785125	0.08164152	1.00E-04	1.00E-04	0.05505185	1.00E-04
0.66686405	0.23894568	0.31015228	0.43518624	0.61310568	0.87811275	0.75448902
1.00E-04	0.01637385	0.01329648	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16639213	0.16148493	0.30743791	0.28115697	0.09482224	0.09852062	0.15882309
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.01003413	1.00E-04	1.00E-04	1.00E-04	0.07113694
0.06052971	0.01673955	0.03479153	1.00E-04	0.08024057	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00975246	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27336487	0.07292814	0.10894187	1.00E-04	0.38184154	1.00E-04	0.32224439
0.15621036	0.03914041	0.0605704	0.26617685	0.03132626	0.20078687	0.10326682
0.33377931	0.36911831	0.35056604	1.32282255	1.00463387	0.92760968	1.15286923
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.48311323	2.37813146	2.57237726	2.83525882	2.90679795	2.79382747	3.45883969
1.09858938	0.22754314	0.3264258	1.00E-04	0.28263772	1.00E-04	1.00E-04
1.00E-04	0.01811034	0.02156694	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05093727	0.01757289	1.00E-04	0.21384918	0.23816811	0.68226589
0.12228531	0.03846243	0.16697336	1.00E-04	1.00E-04	1.00E-04	0.13629857
4.86704463	5.23331843	5.06070736	2.28568239	2.94621127	3.43378959	3.30721855
0.43959785	0.18995756	0.41140018	0.1462287	0.77089735	0.94516372	1.16741392
0.0689059	1.00E-04	0.01685343	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95198281	1.3099851	1.71383399	2.68887872	2.48398174	2.26514541	2.52610544
1.00E-04	0.00764637	1.00E-04	1.00E-04	0.21991384	1.00E-04	0.12337894
1.00E-04	1.00E-04	0.02302772	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08745968	0.02226273	0.02642817	1.16147171	0.11186609	0.10276853	1.00E-04
2.84544901	2.72480885	2.19580207	0.20128543	0.79282473	1.28855645	1.31042237
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.95886651	3.19054743	3.17377955	2.33810162	2.62787833	3.06929363	3.22632205
0.18756178	0.13961217	0.11350344	0.59979378	0.62155936	0.28139152	0.22144674
1.161598	1.11784873	1.2624429	0.57530485	1.10170838	1.35381165	1.46352143
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03096201	0.00617046	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03627575	1.00E-04	0.00642443	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21220214	0.14798537	0.18346853	1.00E-04	0.17007428	0.2204648	0.12451113
1.00E-04	0.03209889	0.13165265	1.00E-04	0.03886766	1.00E-04	1.00E-04
0.06948951	0.1337458	0.06191855	0.31772221	0.21559901	0.56337321	0.30907909
0.92089321	0.72273313	0.85477429	1.82401408	2.39931184	2.02788304	2.30540754
0.02025725	0.03251032	0.03939178	0.13485891	0.10127124	1.00E-04	1.00E-04
0.92837193	0.6121827	0.84168899	0.34629048	1.41716129	1.56159011	2.11211064
0.99408841	0.86122088	1.06586246	0.20051211	0.0834566	0.38455971	0.14636835
0.3746381	0.25463583	0.6534413	0.5756438	0.90370106	1.26355609	0.9986537
1.00E-04	0.01382173	0.02032727	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62389344	2.2349313	2.58215662	2.28175832	2.86979564	3.22983655	3.4741181
1.00E-04	0.03638096	0.01379383	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08575855	0.02752032	0.04347009	1.00E-04	1.00E-04	0.16000281	1.00E-04
0.2308637	0.16312842	0.15380195	0.20781247	0.28591737	0.47964961	0.24796542
0.02378127	0.12718876	0.04684252	1.00E-04	0.17544083	0.37702333	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.79999421	0.84571687	0.71311968	1.29078892	0.69891742	0.67563435	1.1643087
2.08536894	1.75292836	1.74419974	2.09088152	2.45792515	2.05173456	2.414441
1.00E-04	0.12628057	0.15438426	1.00E-04	1.00E-04	0.06302463	0.17527643
0.10289739	0.07095931	0.10104348	1.00E-04	0.31066584	0.10162919	0.13795129
0.26512261	0.03905307	0.04557398	1.00E-04	0.38983881	0.15963633	1.00E-04
0.0226352	1.00E-04	0.04973947	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.96047748	1.06986114	1.23040173	0.31457945	1.29090411	0.92554925	0.99562915
0.12742501	0.21238744	0.34612631	1.00E-04	0.19440844	0.57111914	0.4213511
0.07177852	0.08097389	0.16795828	1.00E-04	0.22946227	1.00E-04	0.04819519
1.31374907	0.5673966	0.5684215	0.75783052	1.22501002	1.02176613	1.37215091
0.11626897	0.11243218	0.01993314	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01979733	0.67025443	1.30779391	0.65941058	0.66973971
0.03031885	0.0656959	0.05314505	1.00E-04	1.00E-04	1.00E-04	0.16945831
1.00E-04	0.02015366	0.0070812	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.7360831	1.69975648	1.48021717	1.60227326	2.01221436	2.53760587	2.66244879
1.00E-04	0.00921676	0.08026655	0.20864233	1.00E-04	1.00E-04	0.06117828
0.7790538	0.55468193	0.7576527	0.24672226	1.13231869	0.32914292	1.24523538
1.11803343	0.77653777	1.08961283	1.47313734	1.86077642	1.24522635	1.50783864
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09917988	0.11279307	0.30293678	1.00E-04	0.12896243	0.05492507	0.16539019
0.79818998	0.67473574	0.95122976	5.09530885	5.16485818	5.36161537	5.74587969
0.29109043	0.20367944	0.27646131	1.52642736	1.18626168	0.69016658	0.84500036
4.04058439	3.81567959	3.84798682	6.46353561	6.7847218	6.43756443	6.5008726
0.6247615	0.51197857	0.62953437	1.35701009	2.0226841	2.16126463	2.61762466
2.32677658	2.07407415	2.37130095	1.47350965	2.54264192	2.97211993	3.05241442
0.15954678	0.01795051	0.04300458	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01845311	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11002819
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13904674	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00774472	0.02525502	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0354671	0.0207838	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00796479	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92922505	0.85148034	0.35674951	1.00E-04	0.11848217	0.04035367	1.00E-04
1.78876908	1.2417855	1.36949651	1.83083139	2.36268277	2.46995098	2.01365908
1.17650802	0.71884855	0.72876955	1.37486174	1.20260491	1.12071934	1.30582112
1.00E-04	1.00E-04	0.00729453	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5830404	0.43803117	0.58248967	0.97554731	1.08286188	1.45883016	1.33053699
1.07660134	0.95879657	1.10069897	1.28216673	1.55897217	1.36995671	1.33093874
1.00E-04	0.01743779	0.03960057	0.28112013	1.00E-04	0.07404227	0.20328578
1.00E-04	0.02860555	0.14986402	1.00E-04	0.11867897	1.00E-04	1.00E-04
0.92772232	0.97939604	1.2317716	1.69631467	1.61985998	2.10884331	2.22860794
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37427512	0.26143202	0.55077681	1.00E-04	0.11280798	0.23483432	0.2736906
5.33833405	5.9928403	5.02849746	3.15014434	3.54957823	3.96848232	3.87391003
1.75934475	1.79225513	1.26236903	0.1976378	0.3100159	0.63691623	0.50066831
1.06153025	0.95955519	1.01097513	1.12472543	1.06446803	2.00008654	1.84175672
0.35555256	0.13188808	0.11498929	0.6998374	0.43999213	0.44620111	0.76984877
2.04490062	2.24648047	2.47370215	0.47260769	0.50471793	1.04262	1.28323007
0.69369865	0.18818578	0.3012939	1.00E-04	0.22436407	0.14832053	0.40165443
0.25859318	0.14251664	0.15350858	1.00E-04	0.44699072	0.24959289	0.1267935
0.07071033	0.04089648	0.08714158	1.00E-04	0.20628601	0.09775294	1.00E-04
0.48108261	0.38709619	0.43282507	0.24125552	0.81315882	0.33990976	0.50305757
1.56111001	1.20380197	1.3218859	2.23125779	2.2906243	2.98234691	2.92861856
0.05386937	0.03140924	0.03914689	0.36281107	1.00E-04	0.23799486	0.35810844
0.02982671	0.01639969	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27839878	0.86418874	0.90033557	0.96037066	0.95940552	0.37664858	0.85632601
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.52958394	4.6637552	4.46281199	2.56332983	2.99538033	3.2629318	3.22978803
1.00E-04	1.00E-04	0.0139456	0.32399456	1.00E-04	1.00E-04	1.00E-04
0.54414547	0.32184925	0.36360204	0.37969611	0.49865992	0.70088169	0.60025052
0.23103749	0.09213349	0.0820357	0.25648486	0.32789586	0.13237035	0.42932832
0.04845847	0.04226157	0.0761402	1.00E-04	1.00E-04	1.00E-04	0.37814631
0.02331602	0.12025496	0.0169435	1.00E-04	0.24166375	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86542107	0.54415278	0.91534506	0.65919172	1.04224412	1.26702486	1.55591009
0.55772454	0.22384378	0.22843464	1.00E-04	0.73371798	1.00E-04	0.13953414
0.07632625	0.10926091	0.13982258	0.34966999	0.36571233	0.21791492	0.44196899
0.18505244	0.11471468	0.20435212	0.89511688	1.98360227	2.63926232	2.32760975
2.1868403	1.79809525	2.11247255	1.78845251	2.38802143	2.13950181	2.51098158
0.02787617	0.04969822	0.09559306	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5045069	0.78746521	0.8669051	0.34386507	0.9028119	0.69943064	0.59563181
1.00E-04	0.01361354	0.00414682	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70683085	0.31730072	0.39382092	1.08872003	1.06411448	0.74534917	0.81723888
2.32448764	1.91093555	2.34544201	2.86397717	3.09600271	3.20389769	3.56877129
0.05880563	0.05727247	0.09194226	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24203911	0.08514239	0.15005141	1.00E-04	0.10155905	0.12945642	1.00E-04
1.00E-04	0.03602389	0.07579357	1.00E-04	1.00E-04	0.16595942	0.06374028
0.02695253	1.00E-04	1.00E-04	1.00E-04	0.15278201	1.00E-04	1.00E-04
0.36927772	0.24327237	0.39104544	1.00E-04	1.00E-04	0.12303795	1.00E-04
1.00E-04	0.00734678	0.0165423	1.00E-04	1.00E-04	0.03938743	1.00E-04
1.00E-04	0.01759796	0.06577494	1.00E-04	1.00E-04	0.10291541	0.16977242
1.00E-04	1.00E-04	0.0109966	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07239497	0.03912844	0.06091557	1.00E-04	1.00E-04	1.00E-04	0.11565406
0.25195221	0.0772727	0.12494015	0.3203591	1.00E-04	0.70291793	0.72584291

1.00E-04	0.00559224	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04949761	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29361322	0.04975146	0.01881101	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02423674	0.06543668	1.00E-04	0.14606211	0.06449042	0.03899899
1.20021422	0.86668949	1.06428528	0.88285268	1.24700042	0.82549203	0.58065743
0.74196218	0.65157908	0.71396462	0.59197156	0.45766433	0.41373424	0.10222978
1.78435472	2.03572625	1.98660989	0.58075726	0.84861315	1.15671178	1.23671719
1.56856607	1.30262061	1.48593191	1.21926828	1.59073947	1.70876572	1.83004271
0.06420085	0.04725678	0.05323296	1.00E-04	0.11812304	0.05780042	0.0819335
1.21768059	0.71214879	0.99012114	0.59645663	1.0504018	1.17207072	1.21898974
1.82700855	1.17873662	1.2919263	1.56360711	1.98801631	1.80655322	1.8208789
0.32948457	0.0975635	0.10288599	1.00E-04	0.10458089	0.4330904	0.16073121
0.03802855	0.03500265	0.0138943	0.83583341	0.90338985	1.28354389	1.48770046
1.00E-04	0.05922562	0.04144896	1.00E-04	0.11286737	0.0525806	0.31070536
0.0215461	0.004775	1.00E-04	0.25865618	1.00E-04	0.0987467	0.22820016
1.00E-04	0.00610191	0.00663077	0.28864162	0.3210818	0.90275453	0.42023809
0.72811795	0.53428902	0.7507258	1.36368889	1.48777538	1.63564721	1.68566624
0.46865576	0.27147056	0.50524037	0.24959278	0.13656514	1.00E-04	0.6938615
0.11861845	0.07406412	0.01903633	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46281567	0.29037893	0.27972388	1.00E-04	1.00E-04	0.10448047	0.36477688
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01212572	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18562773	0.01437707	0.02714085	0.86361175	0.39250468	0.17511321	0.11367922
1.00E-04	0.00760483	0.00320064	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13713328	0.14518112	1.00E-04
1.00E-04	0.03591344	0.03374444	0.25908145	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12850021	0.28039123	0.39714416	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04267137	0.03162383	0.02302092	1.00E-04	0.33322207	0.13919009	0.06171287
1.40888911	1.12120265	1.37404306	1.02193711	1.48190114	1.38506486	1.64987822
3.69995176	3.00017833	3.07531466	3.55078054	4.22107033	3.98868998	3.86770414
0.26485156	0.02106033	0.02292705	1.00E-04	1.00E-04	0.11886399	0.16958644
1.00E-04	0.0282189	0.02725499	1.00E-04	1.00E-04	0.40996542	0.20679971
0.13945308	0.1381601	0.20461366	1.00E-04	1.00E-04	0.04532257	0.07664231
0.05200383	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06369003	0.01203527	0.00909998	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01445856	0.01676186	0.10854968	1.00E-04	1.00E-04	1.00E-04
0.95522772	0.43678518	0.47509073	0.6965322	0.69192706	0.95805339	1.10932055
0.03950075	0.07059899	0.10358312	1.00E-04	1.00E-04	0.05750773	1.00E-04
0.02033585	0.04203447	0.06634934	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12679651	0.01852721	0.00403364	1.00E-04	1.00E-04	0.20075089	1.00E-04
2.97716357	3.69645007	3.81393353	0.59495626	0.89376061	1.72464005	1.94857861
1.22773902	1.00232055	1.3436569	1.30728749	1.82299087	2.16557659	2.20915537
2.08415018	1.81781088	1.9096368	1.40865616	1.60698026	1.47267144	1.37131138
0.4411015	0.49296638	0.66393333	0.22897708	0.66351754	0.36661756	0.14019981
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21031139	0.22321876	0.38132697	0.60181832	0.44506131	0.61680982	0.54780698
1.00E-04	1.00E-04	0.05555851	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05194814	0.03862906	1.00E-04	1.00E-04	1.00E-04	0.17872881
0.1451818	0.12363929	0.08609606	1.00E-04	0.44324686	0.1322683	0.1663686
1.75980199	1.3989964	1.50319845	0.78702047	1.38685159	1.44354094	1.4383186
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04228202	0.03636771	0.01658167	1.00E-04	1.00E-04	0.14709095	0.29579071
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13564343	0.10176295	0.09365826	1.00E-04	1.00E-04	0.10366249	0.10131033
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10568507	1.00E-04
3.41290905	3.42884608	3.45826563	3.54349683	3.4189338	3.77735845	3.85753967
1.00E-04	1.00E-04	0.00665342	1.00E-04	1.00E-04	0.04805283	1.00E-04
1.00E-04	0.01147764	0.01951587	0.5713474	0.07345321	1.00E-04	1.00E-04
2.09311461	3.51814114	3.57375858	0.66826919	1.12826787	2.77415115	2.31390592
0.35101747	0.39634693	0.27112315	1.00E-04	0.13346036	1.00E-04	0.01438582
0.26702512	0.52619197	0.81588719	1.56487105	0.91135514	0.93899384	1.36961116
1.00E-04	0.00873733	0.02948595	0.30586777	0.52868974	0.24812288	0.10064584
0.03211544	0.02331825	0.02350375	0.40850605	1.00E-04	0.04383167	1.00E-04
1.00E-04	0.00768043	1.00E-04	1.00E-04	0.22322958	1.00E-04	1.00E-04
1.00E-04	0.00905473	0.06409181	0.15365949	0.11783083	0.0248754	0.07670023
1.00E-04	1.00E-04	0.00945534	1.00E-04	1.00E-04	0.17104614	1.00E-04
0.19646328	0.0765539	0.13927883	2.04218048	1.36041881	1.95023758	2.32405137
1.00E-04	0.03123665	0.00742432	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05317054	0.06320994	0.04757294	1.00E-04	0.16579376	1.00E-04	0.10615565
0.05946039	1.00E-04	0.01361682	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0085904	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31030851	0.10946344	0.15979331	0.2908388	0.67108646	0.32300214	0.42926217
1.69280778	1.45318776	1.78309982	1.57864579	2.34703394	2.94718552	3.01932936
1.00E-04	0.00428526	1.00E-04	0.57273287	0.43085373	0.49942199	0.30509101
2.13508595	1.70208479	1.75215458	1.6556161	2.08401818	1.87560368	1.98586557
1.00E-04	1.00E-04	0.00331952	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02553455	0.01125332	1.00E-04	1.00E-04	0.04523661	1.00E-04
1.00E-04	0.01503145	0.01119568	1.00E-04	1.00E-04	0.03809773	1.00E-04
0.47268734	0.18519228	0.23667305	0.9804561	1.75774404	1.79700369	1.59888997
2.34203327	1.71122422	1.99059549	2.04264637	2.56755986	2.78628238	3.01860355
1.14397978	0.99288291	1.31957555	1.00E-04	0.60053305	0.38899252	0.42247191

1.21663832	1.34465035	1.50732417	1.00190498	0.86751774	1.04201877	1.60853638
1.00E-04	1.00E-04	1.00E-04	0.25825549	1.00E-04	1.00E-04	1.00E-04
1.25885039	1.15170172	1.40974542	2.12854028	2.88832705	3.54737462	3.51084625
0.05216265	1.00E-04	0.03617278	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05091858	0.00499642	1.00E-04	1.00E-04	1.00E-04	0.13123948	1.00E-04
0.06996655	0.03275268	0.06081145	0.20793077	0.27269445	0.02955753	0.27598539
0.20268321	0.19025121	0.16642625	0.38708868	0.8927519	0.72305017	0.95180183
0.26094347	0.1858826	0.20493839	0.85606187	0.08553696	0.955238	1.29293944
0.2495608	0.02793493	0.21408607	0.3019803	0.10458089	0.4961741	0.6353272
1.00E-04	0.00716444	0.01357475	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90231446	1.16687558	1.00965832	0.26253919	0.22350197	0.27759076	0.17836154
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01033204	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35815727	0.31772015	0.57978357	0.34725483	0.72507794	1.10326389	1.62037118
0.81638459	0.66935494	1.1034755	0.99856022	1.7457421	1.79914497	2.12562602
0.83852389	0.84793423	0.87855229	1.00E-04	1.00E-04	0.3199816	0.10805606
3.32551677	3.80916841	3.63728263	0.76622226	1.27435742	2.01329902	1.77616855
1.00E-04	0.07941608	0.1736681	0.1258415	0.0963995	0.06710368	0.21032863
1.78824575	1.39987044	1.58896712	1.30763512	2.08007377	2.60093776	2.61447168
4.18100092	4.62242607	4.68630638	2.90102263	3.25118158	3.90270864	4.24208664
1.00E-04	0.03319525	0.06284254	1.00E-04	0.23323297	1.00E-04	1.00E-04
0.25862569	0.29377271	0.44248585	0.62788246	0.48752734	0.25786424	0.4535265
0.08211072	0.02542788	1.00E-04	0.341994	1.00E-04	1.00E-04	1.00E-04
2.37197622	2.64766649	2.56290865	1.39929548	1.68928207	1.96324089	2.21802925
1.00E-04	0.00309793	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21976379	0.14233632	0.12510288	1.00E-04	0.15421213	0.6474042	0.6960742
1.00E-04	0.01188011	0.01594807	1.00E-04	1.00E-04	1.00E-04	0.06374028
0.26978354	0.11275766	0.1820116	1.00E-04	0.11566894	0.5938842	0.78941132
0.14571608	0.05703897	0.09860002	0.19562733	0.73013573	0.33136637	0.53115043
0.15400436	0.12471581	0.14007561	1.00E-04	0.12007517	0.13768791	0.06876779
1.00E-04	0.02567027	0.03494879	1.00E-04	0.49680079	1.00E-04	1.00E-04
0.02295399	0.04706997	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12582347	0.08494822	0.060766	0.28185316	0.11601326	0.16506765	0.28274001
0.46601868	0.24452914	0.25516677	0.21968946	0.83853068	0.69559165	0.43040119
1.84878033	1.26764208	1.55822247	2.19487383	2.21294871	2.29371466	2.36897248
3.80037698	4.69845268	4.43309668	1.29003147	2.25099548	3.31979023	3.38666785
1.34534872	0.72281055	0.81302211	1.45967094	1.2040644	1.23029206	1.02107101
1.84314468	1.59830057	1.81311248	1.66864018	1.97943755	1.7924549	2.00619411
1.00E-04	0.01736123	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32625245	0.58586766	0.59932291	0.12603646	0.25089292	0.0100239	0.18056094
2.78946391	1.95311173	2.40785017	2.84647156	3.40000397	3.50150017	3.78111879
1.00E-04	0.00761915	1.00E-04	0.35680218	1.00E-04	0.25070273	0.16745677
0.5945049	0.17976531	0.39031304	1.00E-04	0.15153888	0.11676601	0.30989397

3.7731334	3.51784096	3.65105515	2.71230518	2.95025875	3.14421175	3.21927359
1.00E-04	0.01030222	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.99661097	1.73207294	2.12786233	1.84042907	2.20250461	2.04557011	2.49119591
2.13654411	1.62853587	2.15056648	2.05046354	2.71252282	3.1594692	3.47912436
2.3964588	2.07784485	2.39990472	1.94024513	2.87835788	3.34899203	3.30050682
1.00E-04	0.01565666	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43169027	0.21950433	0.12619803	0.69308365	0.48170999	0.38822542	0.79441729
0.90257508	1.01322075	1.1332824	1.40561591	1.16808281	1.36739829	1.59018163
0.10948129	0.03145895	0.05524472	1.00E-04	0.27760953	0.24496422	0.4721293
0.17278545	0.03610846	0.1009857	0.18308354	0.12414391	0.19677447	0.27145451
0.04310986	0.02498909	0.16630377	0.0975227	1.00E-04	0.09051973	0.24906922
0.06779185	0.09258582	0.0460835	1.00E-04	0.03219824	0.20252671	0.09203768
1.00E-04	0.05546242	0.06089406	1.00E-04	1.00E-04	0.20367466	1.00E-04
1.04522065	0.600293	0.69736369	1.29858139	1.46241582	1.56180008	1.34312208
0.99188512	0.63635228	0.77993002	1.16901525	1.59584238	1.38249463	1.11144162
0.15434802	0.16153267	0.29775487	1.00E-04	1.00E-04	1.00E-04	0.14612572
0.73392416	0.70066792	0.59995679	0.60786471	0.0787527	0.20437757	0.12445504
0.07684152	0.004028	0.00800623	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05031305	1.00E-04	0.03541275	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00860469	0.01035307	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93545973	0.1478536	0.4321669	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93482652	0.71569047	1.27171634	1.51645166	1.98336372	2.28515166	2.40398133
1.70936687	0.87173555	1.43636026	0.06687698	0.42360201	0.20671505	0.26320092
0.24150387	0.07141133	0.06797431	1.00E-04	1.00E-04	0.03839208	0.06728697
0.12470791	0.17079616	0.08699818	1.00E-04	1.00E-04	0.04036733	0.21807513
4.48198867	4.62664372	4.54404418	1.67952858	2.29211334	2.63918914	2.07682723
0.87378725	0.97223403	1.18870856	1.00E-04	0.28982761	0.15108993	0.25985095
1.00E-04	1.00E-04	0.0076643	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03855308	0.02092017	0.01912861	1.00E-04	1.00E-04	0.12910562	1.00E-04
0.02269758	0.07199387	0.04867271	1.00E-04	1.00E-04	1.00E-04	0.30022853
0.36040548	0.34169449	0.67072075	0.10900202	0.39950558	0.23428696	0.64155798
0.09218166	0.15234522	0.07997273	1.00E-04	1.00E-04	1.00E-04	0.1784572
1.00E-04	0.03857319	0.045948	0.52805418	1.31355019	0.90965269	0.47268079
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09211642	0.10813658	0.10329881	0.4225461	0.47971959	0.47739669	0.30175151
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01198303	1.00E-04	0.2851376	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00998323	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22589959	0.10058233	0.1074748	1.00E-04	0.15503608	0.15185602	0.24163265
0.4560576	0.52192098	0.33563953	1.00E-04	1.00E-04	1.00E-04	0.15699226
1.00E-04	0.01017771	0.02041112	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25631648	0.15589674	0.28393352	0.30749598	0.35674367	1.08454129	1.14012377

1.00E-04	0.01207978	1.00E-04	0.07818642	1.00E-04	1.00E-04	0.0688751
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09439367	0.0830839	0.10005168	1.00E-04	0.29816986	0.25433612	0.21007753
0.45373554	0.59950701	0.53369635	0.20379927	0.22933204	0.32115263	0.84925925
0.3724529	0.2471479	0.29865712	0.64519483	0.72478284	0.97398544	0.97710552
2.05152939	2.53078012	2.66584692	1.00E-04	0.2879888	0.40104532	0.43165109
0.80353881	0.76890163	1.12589612	1.15466825	1.91254742	1.36403429	1.84512428
1.00542795	0.88296309	1.47879365	1.00E-04	1.0444125	1.51064709	1.83262245
1.00E-04	0.03240575	1.00E-04	1.00E-04	1.00E-04	0.58471513	1.00E-04
0.20368559	0.12636179	0.22177199	0.29962726	0.21560798	0.11642262	0.3648483
0.42688945	0.31847756	0.41696545	2.32947066	2.46406504	2.30787065	2.51002477
0.02133876	0.09752628	0.28439932	1.00E-04	1.00E-04	1.00E-04	0.07473571
0.35095821	0.24973359	0.33539788	1.00E-04	0.47456816	0.2129303	0.24321709
1.10423736	0.83368584	1.05228622	0.71687412	1.45132959	1.10119107	1.21263899
1.00E-04	0.01093692	1.00E-04	1.00E-04	1.00E-04	0.29668363	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66971184	1.00758028	1.09685848	1.67852812	2.10487502	2.14299753	2.47841741
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1160344
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03459419	0.08878034	0.15265814	1.00E-04	0.13117279	0.09431074	0.10010346
0.3331262	0.36114606	0.29092807	1.00E-04	0.41401607	1.00E-04	1.00E-04
0.20842936	0.14231848	0.25756331	1.75953423	1.61443705	1.60011811	1.46988383
1.00E-04	1.00E-04	0.00774428	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19617886	0.06060282	0.09199433	1.00E-04	1.00E-04	0.22082704	1.00E-04
1.00E-04	0.01965537	0.02566756	1.00E-04	0.13089236	0.13593138	0.14883982
1.19039581	1.08440949	1.01613262	0.68058332	0.70717009	0.85421354	1.11708114
0.86631334	0.67359467	0.745365	1.17012678	0.85417474	0.61748139	0.74685042
2.1405588	3.21150964	1.82015923	2.10519559	1.48747062	2.19073649	1.62041184
2.65525738	2.88653442	2.52535807	1.64957158	2.20479022	2.86210092	2.56513784
1.41086889	0.85100518	0.89911239	1.59951749	2.51104743	3.10114563	2.94168695
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08619455
1.26689208	1.22975788	1.48737108	2.06451018	2.57730551	3.07546631	3.08487262
0.09065038	0.11700919	0.19242972	3.17054384	2.90279844	3.0492222	3.40425952
0.08356673	0.18445862	0.14430564	0.57434208	0.42927227	0.28258495	0.60893121
0.02568427	0.02781725	0.11966454	1.00E-04	0.09900332	0.13116721	0.41229149
0.42574362	0.10987086	0.09183365	0.39538031	0.51830519	0.28190564	0.43590508

0.14749796	0.06434813	0.05393208	0.15645232	0.49134641	0.67845718	0.45237433
0.03746021	0.01517603	0.01620077	1.00E-04	1.00E-04	0.12847895	0.14871426
0.03055789	0.05057214	0.01114429	1.00E-04	0.06512404	0.09783319	1.00E-04
0.18699064	0.05056932	0.03560508	1.00E-04	1.00E-04	0.10803279	1.00E-04
2.99257235	2.7354005	2.92263086	2.97731241	3.33728794	3.38107156	3.42563957
0.06287369	0.00606405	0.03558664	1.00E-04	0.08373356	0.23558263	0.23893408
0.47348315	0.19448272	0.09005276	0.21638983	0.08396303	1.00E-04	0.11068392
0.24298204	0.018401	0.03753572	1.00E-04	0.44080111	0.30948789	0.11367922
0.28554282	0.3917324	0.41484741	2.02336145	1.73683525	1.98831913	2.48561846
1.00E-04	0.01202478	0.0039757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01388776	1.00E-04	1.00E-04	1.00E-04	0.24923111
2.64023517	2.41472772	2.63853835	3.47397774	3.36251884	3.45938972	3.57512076
0.11362718	0.00708956	0.0066623	0.23308689	0.17054851	1.00E-04	0.49824516
0.05502839	0.09883836	0.08141164	1.00E-04	0.15896258	0.12348435	0.17353489
0.812117	0.6019019	0.78528762	1.6354684	1.40868338	1.53538959	1.71669184
0.11469518	0.0594899	0.11160366	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49646951	0.47053094	0.57519244	0.09100508	1.00E-04	0.10954964	0.17631377
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05308255	0.02383477	0.01686638	0.0460434	1.00E-04	1.00E-04	1.00E-04
1.27620171	1.10359234	1.2996253	1.45003582	1.68396678	1.550593	2.17229451
2.60177611	2.1784564	2.46546186	3.5907622	3.77398766	3.67390173	3.81961229
0.76569869	1.35452914	1.31671269	1.00E-04	0.26927782	0.95785471	0.25543406
0.60727424	0.54681793	0.74050289	0.27951184	0.56902601	0.38756596	0.48963328
1.00E-04	0.05499716	0.06669168	1.00E-04	0.16708766	0.07450499	1.00E-04
1.00E-04	0.02490178	1.00E-04	0.18939216	0.68236737	0.20348052	0.28025708
0.12844438	0.28868941	0.33098252	0.15115191	1.00E-04	0.30236855	0.2761315
0.06470897	0.12899652	0.09306542	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0615665	0.82848115	0.70532545	0.16174448	0.83753274	0.10306247	0.37373961
2.13417381	1.99299272	2.24832834	1.62574238	2.53778704	2.20919992	2.19548408
0.23946305	0.25113075	0.24252839	1.00E-04	0.20045951	0.27503149	0.15285401
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44723472	0.53997136	0.53266605	1.00E-04	0.36352287	0.71009873	0.68359735
0.09941163	0.08137536	0.07703408	1.00E-04	0.15047425	1.00E-04	0.06117828
0.71813801	0.33548998	0.76691758	0.5493505	0.8146452	1.17651655	0.95199974
0.05496024	0.04031345	0.07023434	1.00E-04	1.00E-04	0.1910531	0.08422044
0.21638843	0.11609692	0.21626736	0.87063612	0.96037157	0.71081375	0.69564743
1.00E-04	0.00614815	0.0538778	1.00E-04	1.00E-04	0.13292389	0.16928308
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06095108	0.17355304	0.09202748	0.79449753	1.00494191	0.63518013	0.87058962
1.84858238	1.48445896	1.61245768	0.26482285	0.72258698	0.91669197	1.01415886
2.12651484	2.14208439	2.17222061	1.94544069	2.48622266	2.59709667	2.75036281
0.31393198	0.4356498	0.33009729	0.23473624	0.70167226	0.93100588	0.75945663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06709266	1.00E-04

1.00E-04	0.02697356	0.0538968	1.00E-04	0.1108251	0.23927851	0.23473245
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14991569
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13473649
0.25202674	0.27072084	0.28566322	1.18946887	1.20657502	1.35882874	1.66140698
1.00E-04	1.00E-04	0.0232464	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.68637974	2.33713002	2.53836162	1.23652551	0.47787677	0.98678913	1.12429299
2.48224197	3.09906649	2.8669732	0.48175387	0.40493772	1.07632709	0.63490315
0.5272789	0.8942202	0.88390568	1.00E-04	1.00E-04	0.25687991	0.62026582
0.12234869	0.00855488	0.06314512	1.00E-04	1.00E-04	1.00E-04	0.07828184
0.16984467	0.08088206	0.09818724	0.16029145	0.10938314	0.07542414	0.10633625
1.35417155	0.75933383	1.04160985	1.3254496	1.54010433	1.33421336	1.69224805
1.00E-04	0.00757914	0.01519697	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39485122	0.36159952	0.19895903	1.00E-04	1.00E-04	1.00E-04	0.33743978
0.21930064	0.07737128	0.10816613	0.10083859	0.23322879	0.22259431	0.25474365
1.00E-04	0.00469517	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38266362	0.3388786	0.49719006	1.00E-04	0.46807596	0.06750259	0.06183173
0.14461892	0.11138083	0.16187864	1.00E-04	1.00E-04	0.17654533	1.00E-04
1.59990968	0.92786964	1.2260844	0.24465355	0.21458297	0.45454379	0.61737231
0.82588902	0.39430925	0.46505681	0.18037346	1.00E-04	0.14221385	1.00E-04
0.03715962	0.02103952	0.05637245	1.00E-04	0.16960268	0.13287325	0.20831795
1.00E-04	0.00859906	0.05006434	0.0460434	0.14270522	1.00E-04	1.00E-04
1.00E-04	0.01935779	0.02839375	1.00E-04	0.21173123	0.15796566	1.00E-04
1.00E-04	0.00915896	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01380953	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41779409	0.3783873	0.51464157	1.26245103	1.46080926	1.71704155	1.93446237
0.66344809	0.26837617	0.31033913	1.00E-04	0.75846293	0.9886849	0.77834212
1.00089331	0.69554976	0.6338209	1.24354166	1.80032852	1.6716686	1.05001205
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15865153	0.1656854	0.08253293	0.12073689	1.40369872	1.35272516	1.02810008
0.09970831	0.04208549	0.01447797	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40932501	1.30402843	1.46753398	1.13804252	1.61206738	1.64815605	1.22198277
1.00E-04	0.00825835	0.03215797	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03039831	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.12005844	5.49377385	5.23741757	1.93749533	2.21962846	3.76982227	3.78389004
1.00E-04	0.0050865	0.00572899	1.00E-04	1.00E-04	0.04434508	0.10119414
0.36906391	0.78157439	0.80323974	0.21377282	0.13972686	0.16091793	0.46665974
2.63080644	2.31037562	1.54922846	1.82933414	2.31839168	2.33774157	1.76129188
0.44805435	0.53269518	0.2542549	0.29388524	0.52244984	0.46693928	0.39313892
0.10926214	0.04381597	0.05381199	1.00E-04	1.00E-04	0.28908641	0.22891131
1.70956546	1.65450896	1.4045637	1.39374342	1.64248306	2.24748127	1.71690758
1.00E-04	0.01683843	0.00554392	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.37235537	1.09443417	1.24630216	0.87164401	1.44408302	1.12609968	1.43392088
1.27935929	1.14205117	1.27678868	0.50712055	0.72543311	1.38014799	1.61887588
0.6171334	0.59115501	0.58233522	0.15087143	0.81611911	0.82322646	1.11334815
0.14075085	0.04981924	0.1061164	0.08520535	0.40240241	0.38342375	0.42008009
2.22495623	2.33578149	2.38661579	3.03387175	3.57024526	3.60390479	3.70258499
0.97841168	1.14701813	1.22455885	2.43353121	3.10493993	3.2240602	3.09484607
0.02080082	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21252995	0.0988881	0.14257256	0.60086247	0.47021774	0.41773532	0.39328113
2.32805775	1.90017676	2.2891867	1.32369421	1.29617963	1.46470795	1.32039954
0.20816946	0.36033849	0.75357875	0.12172032	0.11163307	0.25651672	0.24348071
1.20299453	1.55285236	1.37588219	1.00E-04	0.48466824	0.69330753	0.66160674
1.00E-04	0.06699866	0.13167658	1.00E-04	1.00E-04	0.10438973	1.00E-04
0.20517118	0.18939158	0.24056912	1.00E-04	1.00E-04	0.04659765	0.26333647
0.11896433	0.16302141	0.19472566	0.54044795	0.74523801	1.54968637	1.5795206
0.03096201	0.07104677	0.10935692	0.14708098	1.00E-04	0.32443413	0.40783264
1.00E-04	0.00719226	0.01892461	1.00E-04	1.00E-04	0.16019809	0.21197207
0.06061025	0.04439853	0.09683317	1.00E-04	0.1108251	0.30821064	0.85437864
0.06945372	0.20479534	0.31148621	0.5435602	0.22785702	0.43473738	0.49846555
1.16267977	1.25976221	1.45844548	1.34153187	1.52271959	2.03336278	2.29755975
0.73309354	1.05898496	0.89220701	1.00E-04	1.00E-04	0.19839215	0.13566817
2.0792244	1.84699665	2.33228178	1.29767266	1.63618043	2.26938018	2.55804451
0.18503852	0.16452252	0.36998418	1.54146567	1.70567895	2.2629721	2.6187575
0.10042886	0.14279344	0.07643781	0.23872953	0.28340492	0.33650917	0.72752108
1.6402263	1.94580192	1.81256342	0.69218516	0.92137957	1.05840327	1.85049612
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00857186	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14979962	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95770759	1.04987734	1.04873736	0.82528682	1.02291495	1.03376949	1.25489665
0.1232966	0.01183503	0.06960847	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41664908	1.09581583	1.35196262	2.02769173	2.22660981	2.7932108	2.78076342
0.035811	0.00804949	1.00E-04	1.00E-04	0.05679628	1.00E-04	1.00E-04
0.11638572	0.04361124	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03025123	0.08182645	0.03992459	0.70899295	0.12501289	0.43480801	0.55698918
1.94349981	1.90852814	2.17927954	2.7320663	2.84821902	2.65369575	2.95577235
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22193417	0.26596203
1.00E-04	0.03197489	0.0648484	2.1880942	1.12698487	1.66344184	1.85395693
3.88654983	3.50913088	3.52135985	2.40174848	3.01056308	2.81410788	3.17019936
1.5363037	1.00379406	1.48461233	1.00E-04	0.37750458	0.01182283	0.04494893
0.0392186	0.01422897	0.01806069	1.00E-04	1.00E-04	0.0665605	1.00E-04
1.00E-04	1.00E-04	0.02339017	1.00E-04	1.00E-04	0.11568984	1.00E-04
0.37807891	0.10716059	0.16207365	0.56315001	0.49833714	0.4854822	0.71970883
0.8096361	0.61150087	0.86862827	1.05486736	2.00974817	2.4445713	2.2188847

0.08125885	0.14703759	0.05600803	1.00E-04	0.23023951	0.20470218	0.18214812
0.57633639	0.35865652	0.57080439	1.40825507	0.96984121	0.89078227	1.23287946
0.0193838	1.00E-04	0.03384234	1.00E-04	0.14611193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.57460847	1.00E-04	1.00E-04	1.00E-04
1.86683022	1.85048799	1.83708105	0.68826895	0.76964611	1.04569939	1.31131561
0.27942264	0.16247705	0.26021158	1.00E-04	0.27358784	0.35913166	0.56014297
1.00E-04	0.06833014	0.02876323	1.00E-04	1.00E-04	0.08716661	1.00E-04
0.04263943	0.03996338	0.02337097	0.12786338	0.16592224	0.19403428	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76653525	0.85535035	0.97775496	0.96595518	0.88997424	0.75562672	0.94747503
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00409971	1.00E-04	1.00E-04	1.00E-04	0.04072574	1.00E-04
0.03432131	0.16165535	0.05842581	1.00E-04	1.00E-04	0.13215279	1.00E-04
2.04715329	1.58273527	1.91184587	2.09704065	2.17128978	2.44084185	2.78478061
1.00E-04	0.01936178	0.05010644	1.00E-04	1.00E-04	0.12425719	0.11691877
1.53239529	0.87694428	1.29873959	1.33337057	1.55292537	2.09732357	2.03966964
0.10029309	0.03459906	0.06807481	0.44986001	0.56045774	0.43832848	1.07396432
2.65411521	3.05346331	2.07313515	2.59713329	2.44629871	2.86982249	2.94945903
1.12797454	1.66658204	1.65065897	1.02467395	0.92574984	1.11729673	1.10490574
0.70409519	0.61210858	0.69519936	1.0129084	1.35598315	1.6088002	1.18489021
0.04435174	0.01360098	1.00E-04	1.00E-04	0.28939017	0.15517425	0.09048062
0.2936679	0.21767243	0.27175317	0.09766573	1.56137905	0.83888856	1.09557241
0.43320293	0.60010117	0.53728533	1.00E-04	0.27532535	0.05242581	0.10790851
0.11291467	0.13024148	0.15173995	0.14506926	0.89120716	0.77580246	0.6864677
1.6668741	2.45566411	2.39003972	0.64171147	1.00E-04	0.91882269	0.75268109
0.0800049	1.00E-04	0.02152802	0.07221498	1.00E-04	1.00E-04	1.00E-04
0.0247233	0.01141651	0.00636397	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03764366	0.00960886	0.09017869	1.00E-04	0.42507085	0.1081303	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00779131	1.00E-04	1.00E-04	0.0940322	1.00E-04	1.00E-04
0.5787761	0.63881536	0.70364748	1.00E-04	1.00E-04	0.32234413	0.08661753
0.27620565	0.14406722	0.11480463	1.31849006	1.30177221	0.64449082	0.81778755
0.17889083	0.02757972	0.07488423	0.11595721	0.19844299	0.26366633	1.00E-04
0.3076907	0.09712615	0.1410464	0.10464164	0.94384099	0.56350463	0.31831297
0.94589632	0.66393022	1.08439291	1.57798418	1.74918805	2.34712623	2.36861902
0.12391442	0.00301655	0.06357934	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97372455	1.47163318	1.57476777	0.49915014	1.1107181	1.11514165	0.90535192
1.093918	0.55154903	0.88784887	0.51070524	0.86320251	1.23134549	1.43995259
0.14196064	0.03663735	0.0696897	1.00E-04	0.23220568	0.07582237	0.43593305
1.00E-04	0.03591606	0.01805832	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49413018	0.163893	0.21799678	0.41085543	0.14631152	0.16203284	1.00E-04
0.02579921	0.04749286	0.04315395	1.00E-04	1.00E-04	0.0833618	0.23882193

1.00E-04	0.02610955	0.03158093	1.00E-04	1.00E-04	1.00E-04	0.12358859
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05496304	0.30362438
0.06214095	0.01727423	0.01189158	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10906829	0.14616033	0.08669932	1.00E-04	0.19449682	0.11068548	0.34403552
0.24291499	0.20492099	0.34222675	0.33010281	0.41488026	0.43909961	0.68377557
0.35567041	0.31290768	0.45158045	0.43242516	0.38750294	1.01254256	0.89726711
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02576714	0.04258247	1.00E-04	1.00E-04	0.04612009	1.00E-04
0.09050489	0.24094388	0.32422891	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02374541	0.01188993	1.00E-04	1.00E-04	1.00E-04	0.12218249
3.3418696	3.22524418	3.33791295	4.75557911	3.56979319	3.24238873	3.5416534
11.3688242	10.8499107	10.8302409	12.4538887	11.8661854	11.538468	11.4098661
0.27060823	0.17606799	0.24068344	1.00E-04	0.16926743	1.00E-04	0.07085145
0.1120493	0.27775928	0.31057415	0.11595721	1.00E-04	0.07773563	0.27419822
0.0658261	0.18449203	0.12815055	1.00E-04	1.00E-04	1.00E-04	0.17192609
0.06043702	0.00485342	0.04627035	0.16966037	0.26875028	0.08889673	0.14884293
2.03347419	2.28032367	2.24210181	0.194172	0.69124967	0.78114811	1.03069029
0.30393244	0.15990847	0.23667476	0.15025186	0.15132475	0.19228691	1.00E-04
3.40795247	3.25246382	3.4844508	0.98677132	1.77091086	1.91528622	2.3605224
0.02759266	1.00E-04	0.00536057	1.00E-04	0.06590434	1.00E-04	1.00E-04
1.00E-04	0.05574567	0.07801889	1.00E-04	1.00E-04	0.16798491	0.44056341
6.02218919	5.90374186	5.70525945	3.13341744	3.98068495	4.72309015	4.24042053
0.01716937	0.05326138	0.08015445	0.31514552	0.38574726	0.13426995	0.19670155
1.35062736	1.19011108	1.28808767	1.79686928	2.32321321	2.51807026	2.82603265
2.49958446	2.21260534	2.6102811	1.37201447	1.30761901	1.36960536	1.48168081
0.70140129	0.75522847	0.96530392	0.90307479	1.03439164	1.08997057	1.42683491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07625516	0.06289446	0.04974156	1.00E-04	0.21089579	0.09586584	1.00E-04
2.05641911	1.73055859	1.8800238	1.86724134	2.09982672	2.08549611	2.00918879
0.20504497	0.13330776	0.1308206	0.10426924	0.27636345	0.34334568	0.2850292
0.42349876	0.16281892	0.18308713	1.41871265	1.51433939	1.61378417	1.74390276
0.2891682	0.46764328	0.67077978	1.00E-04	0.13886649	0.08330355	1.00E-04
1.00E-04	0.041585	0.03048382	1.00E-04	1.00E-04	0.03622866	1.00E-04
2.6955127	2.87096894	2.91644124	0.95965379	1.54574581	1.5681442	1.58497149
0.02491831	1.00E-04	0.06439908	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.61410137	5.00155159	4.81278112	3.19082538	3.7813855	4.48966368	4.75501139
0.21452825	0.07094441	0.11060398	1.00E-04	0.20853035	1.00E-04	0.01875595
0.09328248	0.06481731	0.16226461	0.24340387	0.47238377	0.15518118	1.00E-04
0.61130091	0.27324534	0.38291917	0.71899228	0.52490885	0.68865491	0.09565425
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08365236	0.09242516	0.08010553	1.00E-04	1.00E-04	1.00E-04	0.04772625
0.0365827	0.05474604	0.21042396	0.19860466	0.20906508	0.1892385	0.10151431
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.04419024	1.00E-04	0.00568181	1.00E-04	1.00E-04	1.00E-04	0.09625421
0.0679331	0.09726241	0.13515645	0.90745544	0.58530338	0.93871496	1.22481412
1.00E-04	0.00946412	0.00600988	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.923204	3.25070357	1.83515574	1.86623033	1.44855362	2.12298222	1.8093899
1.00E-04	1.00E-04	0.00517897	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.20133686	1.65938869	1.96817178	2.07088785	1.96381077	1.68338181	2.07386121
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00959804	0.02787507	0.85938107	0.78831053	0.70389148	0.62549511
6.4448809	6.85073064	6.97426645	2.69636323	3.08639664	4.22387471	3.60390801
1.88412128	1.36910213	1.61062287	1.63599047	2.49327613	2.12871275	2.28986682
0.02538599	1.00E-04	1.00E-04	1.00E-04	0.12364257	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10168981
0.0779229	0.0235594	0.03745102	1.36449026	0.56976823	1.12368536	1.23808757
0.04562869	0.03036887	0.07876562	1.00E-04	0.4385243	0.13154451	1.00E-04
0.19353508	0.23982317	0.25899127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.83544991	1.83004792	1.91015731	2.13663473	2.15899366	2.289332	2.56268052
0.02717806	0.04512913	0.03351592	1.00E-04	1.00E-04	0.1183915	0.143334
1.00E-04	1.00E-04	0.00653016	0.15308084	1.00E-04	1.00E-04	1.00E-04
0.26869939	0.20419801	0.22559623	0.77169582	1.14410824	1.08456528	1.12881933
1.60353423	1.49450169	1.33076621	0.39429427	0.93024713	0.57015034	0.63080422
2.64048208	0.95563474	1.65926249	0.13858664	0.97407263	0.56221597	0.3683556
0.08303314	0.09146775	0.0321653	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62595221	0.37875171	0.55233058	2.99755566	2.88092522	2.94044928	3.21573163
1.00E-04	0.04472061	0.03265847	1.00E-04	1.00E-04	0.0860704	0.08680923
0.07926797	0.2208222	0.09574102	1.00E-04	1.00E-04	0.22663536	0.25214534
0.46181681	0.0820858	0.26693419	1.00E-04	0.38571093	0.13407747	1.00E-04
1.60145244	1.42796262	1.54148475	1.54033611	1.75997679	1.8675373	2.23640619
0.11235369	0.12108137	0.0948088	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34206623	0.43344076	0.41410506	0.26272291	1.08307227	1.26098725	1.02801048
4.71199835	5.31185093	5.17533492	2.06400421	3.10719388	3.90304273	3.88184965
0.65960681	0.61451291	0.60274569	0.75939081	0.78188149	1.29125432	1.28468505
1.26312398	1.51582927	1.40211168	0.85596802	0.74340354	1.38589991	1.30920112
1.14631315	1.19972572	1.37744125	1.00E-04	0.14176091	0.23321116	0.08708764
0.70085771	0.70528969	1.04509622	0.23990694	0.13766194	0.08866326	1.00E-04
1.01977935	0.96818225	1.09246238	0.13645729	0.15913978	0.55285018	0.53771344
0.68432315	0.2173491	0.28179261	2.32172724	2.40748996	2.65416062	2.56399677
0.10890814	1.00E-04	0.00422194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38688243	2.38439245	2.00118923	0.10789406	0.47281793	0.35408939	0.07227271
3.11563542	4.13864245	3.97577675	1.07830356	1.63314889	2.88516809	2.81586144
0.01792537	0.08493312	0.0476526	1.00E-04	0.23976453	0.20415931	0.25029316
1.92239876	2.39160426	2.15426816	1.00E-04	0.19646177	0.77125636	0.19547492

0.03298597	0.01638806	0.02169817	1.00E-04	0.18310586	0.13446774	1.00E-04
0.61711408	0.71817774	0.80683365	0.21377282	0.11283767	0.06446498	0.07286935
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0127813	0.00331952	1.00E-04	1.00E-04	0.12470857	0.12400158
0.02645626	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01358505	0.01830945	0.01926497	0.24848733	0.17009793	0.69880529	0.62157948
0.04403413	0.00586797	1.00E-04	1.00E-04	1.00E-04	0.17546922	0.21390837
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07322371	1.00E-04
0.16276895	0.22809218	0.28454603	0.23146065	1.00E-04	0.33587696	0.18694014
1.00E-04	1.00E-04	0.00658402	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03902942	1.00E-04	0.0115996	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69991788	0.64548269	0.44645291	1.00E-04	1.00E-04	1.00E-04	0.07172946
0.15480336	0.06815274	0.02855945	0.60244286	0.92861857	0.98147474	1.20234821
0.21260391	0.09369809	0.15812604	0.10826087	0.24646119	0.22741629	0.15589839
0.26494236	0.176225	0.21512175	0.37104583	0.52321067	0.21417813	0.23946729
0.05397598	1.00E-04	0.01376108	1.00E-04	0.10584585	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60117054	0.28358947	0.3340276	0.92484893	1.18358773	1.47840136	1.22002819
1.15610253	0.96141536	1.0691052	1.01241906	1.72885339	2.39020669	2.68500454
0.46674914	0.15216018	0.40351149	0.78953313	0.9482471	1.03954737	1.05783032
0.05100869	0.05463479	0.12627618	1.00E-04	0.21821531	0.16329165	0.22920209
0.12128875	0.01814211	0.09696614	1.00E-04	1.00E-04	0.1577563	1.00E-04
0.12919417	0.07510227	0.14371351	1.00E-04	1.00E-04	1.00E-04	0.17891034
1.35423422	1.01119327	1.12831082	1.10253091	1.21285671	1.16553968	0.69954949
1.36564344	1.01263393	1.13852695	0.44819495	1.00E-04	0.60454852	0.28949775
0.14273363	0.20363882	0.34725509	1.00E-04	1.00E-04	0.14114451	0.32836069
0.91114086	0.8773693	0.90553802	1.00E-04	1.00E-04	0.01170334	0.01875595
1.96045804	2.20306022	2.13090101	1.01355928	0.89535471	1.52617819	1.70493959
0.20985925	0.12078745	0.27960862	0.26656627	1.00E-04	0.23186253	0.06304608
3.96627389	3.73138257	4.06608808	0.98628798	0.81954891	0.58819319	0.914749
2.14615796	1.69471047	1.86185932	0.08913395	0.48283643	0.10193465	1.00E-04
0.15066206	0.13446312	0.33215137	0.30218343	1.00E-04	1.00E-04	0.18385946
0.05479128	0.0092339	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25388608	0.1567785	0.08663651	1.00E-04	1.00E-04	0.11316258	0.48202064
1.00E-04	0.00770188	1.00E-04	1.00E-04	1.00E-04	0.13805731	1.00E-04
0.43128441	0.29049463	0.36886874	0.23340914	0.62225786	0.36286691	0.07154052
0.05924648	0.04894131	0.06559036	1.00E-04	1.00E-04	0.08660192	0.1212586
1.23446125	1.21418238	1.1986397	0.54152675	0.59006423	1.15812622	0.96203566
1.00E-04	0.01660566	0.03896921	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04876553	1.00815129	1.38325139	1.16613285	1.41468961	1.6623587	1.63692172
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11958431	0.10375599	0.12870501	0.17839311	1.00E-04	0.24460481	0.08197155

0.49526626	0.2840691	0.31266433	1.00E-04	1.00E-04	0.17249156	0.33533564
2.19664152	2.27325217	2.31159222	1.21181037	1.93025179	1.99433326	1.87839678
1.00E-04	0.0046458	0.03918077	1.00E-04	1.00E-04	0.12000143	0.14546262
0.09593601	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17517416
1.00E-04	0.00675911	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05300338	0.10481928	0.10193121	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12951096	0.14820487	0.22356232	0.24925347	1.00E-04	0.09556567	0.15126643
0.78203295	0.5755578	0.83759882	2.18919119	1.91078847	1.66338585	2.04715708
0.77419006	0.45624922	0.77878325	1.00E-04	1.00E-04	0.11925075	0.0780051
0.03363303	0.05973056	0.04751996	0.58209381	0.26223077	0.41266345	0.10650808
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19205714	0.14702231	0.24148934	1.00E-04	0.162707	0.42609129	0.13468504
0.07935114	0.1054361	0.14556902	1.00E-04	1.00E-04	0.2719137	0.49293026
0.0196046	0.00838725	0.02005797	1.00E-04	0.11844943	0.44151702	0.73588497
0.14788364	0.05126104	0.09060284	1.00E-04	0.21037699	1.00E-04	0.16531261
0.02034661	0.00993064	0.00788212	1.00E-04	1.00E-04	0.0516537	1.00E-04
0.13513908	1.00E-04	1.00E-04	0.09757466	1.00E-04	1.00E-04	1.00E-04
0.37543396	0.17003066	0.29652741	0.32442846	0.32703065	0.57887959	0.56335462
0.33914508	0.29824958	0.25466274	0.12407158	0.35926697	0.0899124	0.18934632
0.06147724	0.00796632	0.0505322	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03763102	0.04693129	1.00E-04	1.00E-04	0.10907085	1.00E-04
1.4832769	1.81042967	1.75617262	0.97230009	1.29596404	1.4536941	1.37474894
0.0975481	0.07731341	0.12223781	1.00E-04	1.00E-04	0.08854975	1.00E-04
0.86989105	0.82594556	1.01702216	0.98249262	1.25810073	1.54483286	1.54372059
0.0674631	0.05144602	0.0486322	1.00E-04	1.00E-04	0.13784013	1.00E-04
1.00E-04	0.01722178	1.00E-04	1.00E-04	1.00E-04	0.12471251	1.00E-04
0.45117434	0.19821009	0.27645756	1.00E-04	0.28995259	0.12579373	0.22617622
1.00E-04	0.01469586	0.05794446	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44046296	0.21788794	0.1893987	1.00E-04	1.01793746	0.18938144	0.15264177
0.05784384	0.05617616	0.11693589	1.00E-04	0.13234753	1.00E-04	1.00E-04
1.00E-04	0.01791591	1.00E-04	1.00E-04	0.14180783	0.1046305	1.00E-04
1.00E-04	0.00962931	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02059863	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01754198	0.02276647	1.00E-04	0.11349483	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01565245	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79221161	0.76949756	0.79927087	1.52994074	0.67317355	0.89722076	0.29539308
0.08537509	0.0211792	0.0870839	0.0766008	0.16572959	0.04287821	0.11809277
0.41854409	0.29615469	0.09209163	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60929833	0.67091837	0.55126191	0.33168529	1.00E-04	0.3775545	0.20259938
0.82160847	0.51726946	0.82383387	1.00E-04	1.00E-04	1.00E-04	0.11157946
0.20688288	0.37476671	0.29534895	0.3255577	0.2612019	0.3176067	1.00E-04

1.00E-04	0.00566188	0.01129423	1.00E-04	1.00E-04	0.05240277	1.00E-04
0.07964056	0.15538714	0.27332616	1.25970197	0.56535041	0.83117938	1.30379559
0.05632622	0.01853834	0.03130106	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11075548	0.04335195	0.05692518	0.21942522	1.00E-04	1.00E-04	0.14940746
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.606039	0.69305181	0.2895208	1.00E-04	1.00E-04	0.15072791	1.00E-04
1.00E-04	0.00876881	0.04090974	0.14302802	1.00E-04	0.37433661	0.11707395
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39380346	0.52022776	0.51992609	1.00E-04	0.75397819	0.44228662	1.11535421
0.1310584	0.24445661	0.37162374	0.27523561	0.44477969	0.70217746	1.0294714
1.00E-04	1.00E-04	0.01689583	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11734876	0.5685495	0.53186664	0.86521508	1.31449089	0.84473707	1.1053097
0.65001499	0.68352219	0.79543162	0.15548811	0.26948027	0.56710537	0.05756789
0.09994936	0.11120174	0.17924673	1.00E-04	1.00E-04	1.00E-04	0.13682111
1.75927942	1.78978724	2.42778243	1.00E-04	0.40924146	0.58428459	0.47792232
0.2814714	0.14773439	0.15419309	0.1731961	0.14275277	0.21125631	1.00E-04
1.00E-04	0.00764402	0.01959658	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16123283	1.76637158	1.139356	1.07360938	0.39921749	1.26564364	1.14781245
1.60283119	1.5797537	1.59697275	0.91936938	1.62821333	1.84522537	1.8396577
1.00E-04	0.01342476	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89629776	0.93881832	1.09837553	1.34219087	1.46133589	1.57856908	1.79755192
0.72918976	0.98617287	1.04788203	1.29409398	1.16494716	0.93570581	1.35583383
1.00E-04	0.01760511	0.01199771	1.00E-04	1.00E-04	0.03971534	1.00E-04
0.17707323	0.13313123	0.25487223	1.79759712	1.80471463	1.3278202	1.71972651
0.24664313	0.07488053	0.08501338	1.00E-04	0.0760848	1.00E-04	0.12840893
0.71556392	0.50104061	0.66762818	1.31837974	1.43753509	1.41723431	1.55963544
0.45295538	0.19893139	0.21216838	0.57077939	0.89262006	0.43294144	0.82869772
0.02943835	1.00E-04	0.01927556	1.00E-04	1.00E-04	0.06371503	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55913586	0.16520726	0.17499514	1.00E-04	0.33798234	0.44744504	0.21876801
3.47816555	2.92481245	3.00167446	3.32632323	3.6503381	3.83063127	3.67138487
0.43268057	0.10957313	0.24945308	0.34159174	0.41595345	0.3335743	0.40464966
0.97735683	0.49459146	0.85478696	1.70069913	1.23060001	1.49180564	1.83453152
1.00E-04	0.01043385	0.01866091	1.00E-04	0.13133358	1.00E-04	1.00E-04
1.10354528	0.5460338	0.54048953	1.75546723	2.1479448	1.61349465	1.31136831
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01301134	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03294591	1.00E-04	0.00478093	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77119316	0.35924003	0.57333171	0.41576007	0.65172372	0.5638308	0.90949243
0.08711076	0.09642557	0.11094152	1.00E-04	0.28168689	0.15796566	1.00E-04
0.2334202	0.32034334	0.3505139	0.27002321	0.69763772	0.21909435	0.29641969
0.1418972	0.05246121	0.04886412	1.00E-04	0.33757683	0.12669065	0.35965999

0.0199187	0.03462335	0.06341987	1.00E-04	1.00E-04	0.36736647	1.00E-04
1.00E-04	0.0820702	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35611732	0.15283374	0.14994791	1.00E-04	1.00E-04	1.00E-04	0.08629991
0.08853062	0.13557078	0.18473027	1.00E-04	0.1091048	1.00E-04	1.00E-04
1.65889143	1.16662839	1.3353428	0.21433745	0.27556828	0.22124071	0.4970807
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18573533	0.19861655	0.33691203	0.21020451	0.78257995	0.46191057	0.73807431
0.01961628	0.03913832	0.03486851	1.00E-04	1.00E-04	0.04184756	1.00E-04
1.00E-04	1.00E-04	0.02070909	0.62974976	0.76758218	1.0324251	0.71918083
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04906107	1.00E-04
0.88920838	0.44348938	0.42309849	0.35511898	0.44274788	0.32197348	0.06481669
0.07587376	0.0672606	0.01265562	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0422164	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03226166	0.03120893	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00848785	1.00E-04	1.00E-04	1.00E-04	0.1829108
0.33286945	0.14495801	0.29998227	0.84681426	0.4485583	0.24456599	0.63298788
0.28700282	0.12134071	0.18598807	0.49672423	0.29581245	0.17089551	0.60060101
0.08258141	0.01732206	0.0065551	0.14936248	1.00E-04	1.00E-04	0.08583825
0.15275911	0.0421742	0.02086715	1.00E-04	0.11677167	0.10975236	0.05572384
0.27084959	0.40628593	0.40724532	0.68211797	0.09537049	0.35503166	0.80396513
0.01755826	0.02117319	0.01572473	0.18158297	0.19179402	1.00E-04	1.00E-04
0.35191768	0.13547355	0.32428301	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00272809	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11331415
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06470897	0.00552283	1.00E-04	1.00E-04	1.00E-04	0.08866677	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17259405	0.15146138
0.06585003	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.14065439	3.11894905	3.03077985	0.99587775	1.40283892	1.46895224	1.72108582
1.00E-04	1.00E-04	0.00919876	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28658181	0.26526128	0.36303521	0.12405056	0.13665224	0.11266587	0.18037603
1.25272563	1.15087289	0.87219428	0.11693859	0.27207274	0.74591579	0.34598068
0.6594463	0.70332518	0.73232533	1.17773946	1.01457831	1.02549803	0.98577637
0.08619709	0.02149517	0.01187592	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01187759	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02202031	0.02730955	0.00821658	0.27357156	1.00E-04	0.05787055	0.05762426
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08882845	1.00E-04
0.3962415	0.02657097	1.00E-04	1.00E-04	0.3077428	0.04444424	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32644432	0.61126038	0.73151735	0.61177286	0.74899581	0.82438675	0.59178462
0.13061251	0.06121536	0.16450533	1.00E-04	0.20965497	0.40578427	0.50584595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2695587	0.050313	0.07217646	0.56817786	0.38830424	0.13715738	0.27328917
0.03320684	0.07486874	0.1293882	1.00E-04	0.10127124	0.12697242	0.12424801

0.44604045	0.30655644	0.46853543	0.4262787	0.37058625	0.72488712	0.61275395
0.02582665	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00788257	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.097513	1.00E-04
0.52766577	0.36318872	0.35945977	0.47904573	1.00E-04	0.08962999	0.09011105
1.00E-04	0.01807865	1.00E-04	0.94272955	1.45432277	1.1053804	1.07960206
0.12239864	0.03127301	0.02908569	1.00E-04	0.21708571	0.29320055	0.28912041
1.00E-04	1.00E-04	0.00784294	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12969593	0.04079643	0.06508274	1.00E-04	1.00E-04	0.08826932	1.00E-04
1.00E-04	0.03701173	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0529731	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18867334	0.09276126	0.20110723	1.00E-04	0.11349483	0.21568635	0.31976419
0.0376099	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20903281	0.21714484	0.28577049	1.00E-04	1.00E-04	0.15559109	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03557237	1.00E-04	1.00E-04	0.20929112	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03056577	0.07312706	1.00E-04	0.25993223	1.00E-04	1.00E-04
0.36748872	0.0539217	0.05320894	1.00E-04	1.00E-04	0.05860117	0.13839016
0.2674851	0.14067789	0.18842984	0.23998585	0.54490347	0.44854017	0.79617609
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12579875
0.06582481	0.0045006	0.07774571	1.00E-04	0.07020756	0.28673615	0.18434056
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02693994	0.02301472	0.03344476	1.00E-04	0.24485042	0.12008643	0.21953867
1.00E-04	0.03583853	0.02773181	1.00E-04	1.00E-04	0.10141298	1.00E-04
1.41278435	1.17400787	1.33582017	0.59811161	0.95045222	0.85492285	0.88218115
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16541382	0.22942759	0.30939552	1.00E-04	0.40290622	0.76650092	0.44381051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06740257
0.09975291	0.01264318	0.04011023	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10796172	0.19010435	0.12385815	1.00E-04	0.22722793	0.06402294	0.35311584
1.00E-04	0.05028511	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01668052	0.01875142	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00822939	1.00E-04	1.00E-04	0.05199152	1.00E-04
0.0303348	0.13063706	0.23789074	0.69469888	0.38374858	0.65127979	1.0403579
0.60392361	0.33876159	0.14828666	0.33997105	1.00E-04	0.20954962	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36946278	0.60515609	0.66844525	1.00E-04	1.00E-04	0.09548666	0.11512576

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36978245	0.52221544	0.65367537	0.51981045	0.95521749	0.82084404	0.75551305
1.00E-04	0.05929914	0.02341436	0.38592337	1.00E-04	1.00E-04	0.18253905
1.00E-04	0.05780058	0.02573464	1.00E-04	0.2571577	0.04146201	0.36502851
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.03886766	1.00E-04	1.00E-04
0.73109466	0.53097665	0.59232135	1.27000201	1.47149233	1.47279951	1.57677829
0.54042715	0.77779553	0.85182339	1.19272013	1.85305484	1.87468286	2.05262613
0.15465624	0.12627258	0.20224573	0.83182832	0.54989885	1.09353854	0.98679818
0.05032403	0.00929592	0.01621791	1.00E-04	1.00E-04	0.03852851	1.00E-04
0.36928981	0.23887654	0.37806633	0.15353052	0.3461095	0.09427344	0.38534458
0.16232072	0.09175068	0.04543533	0.15499404	0.21808743	0.06869375	1.00E-04
0.90372843	0.93045354	1.04446264	0.85255568	0.76857838	1.16618175	1.55752438
0.30498827	0.13257109	0.15642694	0.28117439	0.46768127	0.40655581	0.15822214
0.30466072	0.20751877	0.27021397	0.45319088	0.91198898	0.64345293	1.20338675
1.00E-04	1.00E-04	0.01604848	1.00E-04	1.00E-04	0.04861109	0.09139426
0.48245827	0.12436177	0.20424849	0.46616639	0.83287949	0.44572732	0.52118075
1.00E-04	0.00661468	0.00761879	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19630199	0.18982356	0.20062722	0.36715712	0.24498508	0.37454007	0.52512961
1.00E-04	1.00E-04	0.00572708	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05367458	0.05301354	0.10491912	1.00E-04	0.12367825	0.21688103	0.36175278
0.45442966	0.23536128	0.26673436	1.00E-04	0.56495286	0.69491528	0.24668388
1.03359533	0.89709194	1.22839415	1.10161632	1.30919898	1.88507995	1.85816223
0.73959519	0.6602189	0.76382848	0.89269934	0.7535618	0.82912685	1.59003623
0.25745023	0.20851286	0.19575614	1.00E-04	0.44655368	0.23541132	0.27136744
0.0659175	0.01423103	0.01638524	1.00E-04	1.00E-04	1.00E-04	0.25007513
0.04291947	0.10816056	0.07285033	1.00E-04	0.28730246	0.06277577	0.26431886
0.12879199	0.04265064	0.0310798	1.00E-04	0.22618307	1.00E-04	1.00E-04
0.41855263	0.43185464	0.42715713	0.67178137	0.49410746	0.49503955	0.26808788
0.33392712	0.23292091	0.20487624	0.27480984	0.20196357	0.31704969	0.73809748
0.09790442	0.03173981	0.022886	1.00E-04	1.00E-04	1.00E-04	0.09298323
0.49055266	0.08118296	0.15741208	0.23308689	0.63907123	0.32066525	0.50368717
0.68175459	0.573404	0.66125293	1.22191756	1.46348213	1.249517	1.42483701
0.54099261	0.20702961	0.32414431	1.00E-04	0.74970987	0.50986085	0.30083907
0.09388815	0.09080994	0.06721794	1.00E-04	0.34767707	0.24528862	0.17948192
0.83876387	0.57402855	0.76017505	0.59954021	1.91786955	1.74468019	1.70266096
0.51437073	0.15085847	0.21624445	1.19238637	1.2862619	1.31501359	1.31166704
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23341221	0.12402962	0.1116129	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08258141	0.00873493	0.0225476	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01920724	0.03939347	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03887399	1.79628649	1.85151783	1.00E-04	1.00E-04	0.3550825	0.20929758
0.85722319	0.53928945	0.74278571	0.38880543	0.24449452	0.59199295	0.39054445

1.00E-04	0.03378439	0.0485151	1.00E-04	1.00E-04	0.06519568	1.00E-04
0.55603629	0.15139917	0.36733873	0.20884971	1.12098967	1.36922703	1.42349669
0.13382532	0.04218007	0.0262634	1.00E-04	0.08706489	0.32706567	0.11666621
0.01515588	0.08582488	0.11038846	1.00E-04	1.00E-04	0.11441224	1.00E-04
0.47468281	0.36044684	0.44993022	0.37071547	0.28039324	0.67209244	0.30064857
0.43722573	0.12867008	0.19940038	1.00E-04	0.14162035	0.01182283	0.14991569
0.04550747	0.04414598	0.05459731	1.00E-04	0.17936929	0.1566662	0.34146304
1.00E-04	0.00694906	1.00E-04	1.00E-04	1.00E-04	0.11734203	0.12524048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18544454	1.00E-04	1.00E-04
0.94334143	0.51190748	0.86005963	1.39536256	1.59888657	1.72769731	2.05062238
2.24272941	1.76179582	1.92964293	2.64811465	3.12330388	3.25257166	3.0457473
1.00E-04	1.00E-04	0.00800138	1.00E-04	0.11025512	1.00E-04	1.00E-04
1.00E-04	0.00443293	1.00E-04	1.00E-04	1.00E-04	0.10188987	1.00E-04
1.00E-04	0.01227199	0.05023288	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04714103	0.1034209	0.03010914	0.79992141	0.6287906	0.61316885	0.71803413
3.24238869	3.1956862	3.31154007	2.77611769	3.26725045	3.33770872	3.64449986
0.05117034	0.01391635	0.06862247	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21038636	0.21411366	0.37577046	1.00E-04	1.00E-04	0.07889311	1.00E-04
1.65194659	1.67136982	1.45413887	0.0798217	0.36559644	0.58884196	0.65655713
0.29375475	0.29363765	0.21479899	1.12989214	1.38600995	1.57197404	1.39531665
0.29909579	0.04349927	0.00712198	1.00E-04	0.17394384	0.04265583	0.05762426
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03054936	1.00E-04	0.13766194	1.00E-04	1.00E-04
0.07661168	0.12422317	0.12034709	0.45328699	0.30428648	0.61861294	0.80590328
0.13594188	0.21558285	0.13259293	0.12466307	1.00E-04	0.38010211	0.84706558
0.07635474	0.0387026	0.06864473	0.1663799	1.00E-04	0.20748014	1.00E-04
1.00E-04	0.02566982	0.03661324	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09452688	0.0702334	0.06658047	0.23102108	0.08037588	0.48176691	0.45243774
0.1621139	0.0686644	0.09520401	0.30378509	0.80978447	0.29878664	0.65840005
0.0312812	0.05933469	0.10689221	1.00E-04	0.11545089	1.00E-04	1.00E-04
1.00E-04	0.03372738	0.02123175	1.00E-04	1.00E-04	0.10119769	1.00E-04
0.03141253	0.0640792	0.08875315	1.00E-04	0.42718996	0.18245046	0.28034126
0.02403281	0.06898664	0.10313018	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02156323	0.01593802	0.02907883	1.00E-04	0.41308235	1.00E-04	0.19699415
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11142997	1.00E-04	1.00E-04
0.20051366	0.12069696	0.22461254	0.27250433	0.36199849	0.47315684	0.10269587
0.11863336	1.00E-04	0.02604899	1.00E-04	1.00E-04	0.02805239	1.00E-04
0.06185318	1.00E-04	1.00E-04	0.13456143	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08919779	1.00E-04
0.3776895	0.31059907	0.47306965	0.54839576	0.78867646	1.21308426	1.11405082
1.00E-04	0.0059851	0.00523326	1.00E-04	1.00E-04	0.05464818	1.00E-04
0.33046924	0.36480356	0.49152432	0.27954953	0.30720938	0.06371503	0.12531535
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.06523181	0.04840273	1.00E-04	1.00E-04	1.00E-04	0.05607779
1.00E-04	1.00E-04	0.05905503	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03104349	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11839075	0.29191766	0.08121505	1.00E-04	1.00E-04	1.00E-04	0.23888308
1.04165723	0.88751937	0.94543699	0.68607567	1.18558444	0.95291914	0.86078823
0.04704774	0.09636774	0.11170062	0.14344852	0.54323581	0.30041895	1.00E-04
1.98727148	1.87123823	2.02649966	1.11041507	1.72332776	2.16140319	1.93212273
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19109345	0.30793784	0.31586432	0.09411486	0.38016018	0.21567105	0.10637965
0.2748641	0.12655821	0.32056461	0.23265097	0.19426625	0.65071837	0.71955596
0.19982228	0.20857023	0.29648195	0.41749215	1.00E-04	0.10594874	0.19145538
0.16690066	0.11831669	0.08278607	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00384067	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.06411137	3.13627602	3.62672407	0.83628837	1.0236158	1.75164859	1.83968369
0.53592228	0.30848987	0.18533133	0.20775337	1.00E-04	0.30878426	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09018823	0.24939312	0.25193374	0.18846433	1.00E-04	0.33906091	0.52482443
2.04679881	1.65176516	2.16847488	1.00E-04	0.1646463	0.32997419	0.63151271
0.77090656	0.52148998	0.61408062	0.22015294	0.19936059	0.29266501	0.2247013
1.93030785	1.83877355	1.96445469	1.88968247	1.89167965	1.66106092	1.89849853
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.76306007	2.49515803	2.67352369	2.42305095	2.66399912	2.92620566	2.89346838
1.00E-04	0.00361413	1.00E-04	1.00E-04	1.00E-04	0.05713573	1.00E-04
1.00E-04	0.0470356	0.02459368	0.15793836	1.00E-04	0.37980625	0.46965268
0.04884878	0.04186085	0.04007575	0.26009821	0.35518421	0.37232483	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0046856	0.02180064	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1083877	1.00E-04	1.00E-04
0.02502783	0.06779008	0.03270304	0.16664524	0.70519876	0.44730849	0.67453484
0.1633281	0.14940962	0.27461478	0.40845636	0.24406978	0.90251256	0.48293559
1.00E-04	1.00E-04	0.02409806	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2725102	0.22533586	0.28370415	0.62929999	0.78053302	0.58977155	0.33260441
1.32970139	1.03327015	1.04393351	1.71855731	1.72504675	1.43204102	1.33276528
0.02544341	1.00E-04	0.02581235	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18164805	0.07663263	0.09518457	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17410634	1.93007012	1.842249	2.65150083	2.69783097	2.16151598	2.29194884
0.63933874	0.42893622	0.55807616	1.15725712	1.43707451	1.14658358	1.43322955
1.44004868	0.5340059	0.60848709	1.00E-04	0.16320307	1.00E-04	0.13142303
1.66082474	1.0416917	0.93557876	0.46984901	0.4516324	0.35042853	0.72532465
0.49180468	0.16995941	0.21443287	0.21471554	0.2833863	0.45837796	0.33204247
0.26243296	0.38051399	0.41857221	0.65074472	0.89261013	0.88471675	0.86185048
0.10926897	0.04080751	0.04973965	1.00E-04	0.20503122	0.09901172	1.00E-04

0.26932871	0.06415426	0.06631839	1.00E-04	1.00E-04	1.00E-04	0.15492244
0.10912684	0.32250087	0.17050771	1.00E-04	1.00E-04	0.03197014	1.00E-04
0.2471359	0.11047263	0.28120612	0.97110803	0.53581769	0.80945918	0.50990102
1.00E-04	0.01305528	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12636275	0.11604466	0.0462722	1.00E-04
0.48907341	0.28788748	0.48170426	0.59613351	0.84715756	1.24374586	0.82898391
0.43461659	0.34940949	0.37904538	0.24152158	0.55905577	0.75885545	0.43463738
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02428668	0.04289595	1.00E-04	1.00E-04	1.00E-04	0.16275521
1.00E-04	0.01784543	0.03012054	1.00E-04	1.00E-04	0.08035552	1.00E-04
0.29820489	0.13506314	0.13967406	0.343259	0.55300519	0.83518187	0.7037897
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64788327	0.27871978	0.24603955	0.29459892	0.60850151	0.42603258	0.1394212
0.05037229	0.09541833	0.05045341	1.00E-04	1.00E-04	1.00E-04	0.11645568
0.11532414	0.03906885	0.04246568	0.32269985	0.10924379	0.08882845	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14219484	0.02877636	0.17314468	1.00E-04	1.00E-04	0.179988	0.60892745
0.02233055	0.03743035	0.01972169	1.00E-04	1.00E-04	0.14418939	1.00E-04
0.04464482	1.00E-04	1.00E-04	1.00E-04	0.30796746	1.00E-04	0.18037603
0.08754127	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21083264
1.02733405	0.60244468	0.78986675	0.71374423	1.24143391	1.21196089	1.24603445
0.19877581	0.06461638	0.12969095	1.48740745	1.57768565	1.81588049	1.95034717
0.80164037	0.52607638	0.86310689	1.25493946	1.7328329	1.99872853	2.17540308
1.00E-04	0.04643496	0.06461125	1.00E-04	0.42655213	0.81187279	0.41105934
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04167075	0.00649867	0.00699354	1.00E-04	0.20079603	1.00E-04	1.00E-04
0.02459804	0.02589027	0.05494197	0.10480634	0.63326452	0.64283022	0.66291103
0.15336741	0.03639219	0.00734291	1.00E-04	0.20712338	0.18358774	0.1884502
1.00E-04	0.01828688	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32342208	0.13391811	0.18761252	0.69882071	0.23845651	0.25435632	0.04979202
3.45908451	3.49219553	3.37336953	3.77338556	3.87849167	3.94214015	3.89667424
0.04040309	0.02294663	0.07937306	0.32298666	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01106063	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02272767	1.00E-04	1.00E-04	1.00E-04	0.04837446	1.00E-04
0.22071538	0.11392411	0.13603486	1.00E-04	1.00E-04	0.20936813	0.17192609
0.02457707	0.00951197	0.02285451	1.00E-04	0.35371817	0.17023911	0.45609514
0.31407147	0.06762554	0.19555218	0.55371665	0.07069346	0.11542426	0.34767678
0.23868632	0.22032199	0.33995872	0.52234797	1.26510023	0.65245344	1.11823035
1.00E-04	0.01638422	0.03899981	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00899502	0.04485216	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02723101	0.0577449	0.07382114	1.00E-04	1.00E-04	0.15961025	1.00E-04

0.12017174	0.12255288	0.11466678	0.16603999	0.15186122	0.20700663	0.32230494
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02755092	0.02249679	0.47845388	0.43247269	0.77470255	1.32341582
1.00E-04	0.01398131	0.03051492	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00526615	1.00E-04	1.00E-04	1.00E-04	0.21572243	0.3080111
0.06291658	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15530218	0.79182962
1.00E-04	1.00E-04	1.00E-04	0.22683795	1.00E-04	0.04948863	1.00E-04
1.00E-04	1.00E-04	0.03115104	1.00E-04	0.15245575	0.0756875	0.38577475
1.00E-04	1.00E-04	0.01711323	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22702416	1.00E-04	1.00E-04
1.00E-04	0.00801589	0.00773948	1.00E-04	1.00E-04	0.0555261	1.00E-04
0.48736311	0.30432409	0.31147113	0.32515226	0.37395125	0.62590573	1.11611927
0.04214677	0.05058278	0.0321524	1.00E-04	0.0731526	0.09727245	0.17565449
0.05543595	0.0429375	0.04398018	1.00E-04	1.00E-04	0.13110332	0.22918482
1.00E-04	0.02931906	0.06241295	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4936342	1.49314467	1.41116288	0.36471704	0.36339118	0.27291281	0.64600113
0.4735005	0.46696054	0.54982955	0.87253621	0.88225012	0.88789164	0.94467206
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05079519	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18933391
0.36787127	0.41752756	0.43594959	1.00E-04	1.00E-04	0.16054191	1.00E-04
1.10718095	0.73220016	0.73776642	1.46949945	2.03926577	1.46564774	1.18852645
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00654011	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00590089	0.06027647	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03369807	0.03531131	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02134001	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00960695	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00893031	0.02900674	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15275918	0.358534	0.27790337	1.00E-04	0.15967377	0.22512158	0.28070402
1.00E-04	1.00E-04	1.00E-04	0.17189341	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04688107	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0128486	0.00793588	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38546238	0.53395902	0.4184807	1.00E-04	0.15561278	1.00E-04	0.24476498
1.00E-04	0.00317584	0.00705754	1.00E-04	1.00E-04	0.05978558	1.00E-04
1.00E-04	1.00E-04	0.01697324	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04414794	0.04549492	0.05303146	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63738256	0.41238428	0.4653482	0.16899394	0.11677167	0.38103402	0.31385708
0.09662609	0.03004366	0.01414958	1.00E-04	0.01942284	0.1111832	1.00E-04
1.00E-04	0.01476269	0.02845733	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.12216215	0.10104292	0.47122247	0.18930572	0.09503891	0.29965531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05199152	1.00E-04
1.00E-04	0.00724177	0.02521386	0.21714154	0.53421397	0.07944515	1.00E-04
0.05571322	1.00E-04	0.01062781	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02657363	0.00782767	0.06075071	0.13203732	0.08674794	0.14667296	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16553006	0.03218274	0.04778508	1.00E-04	0.14561531	0.4412479	0.14475856
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01877183	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36571917	0.13302376	0.0951442	0.54312876	0.1568666	0.17624476	0.06414555
1.00E-04	0.03810414	0.05449334	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00809622	0.0648913	1.00E-04	1.00E-04	0.09135671	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00769394	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08744841	1.67518052	0.93169598	0.6613439	0.33516643	0.70081059	0.28275472
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13998623	0.06651942	0.13675558	0.11614111	1.00E-04	0.42858156	0.13546097
0.10264685	0.04046108	0.04678642	1.00E-04	1.00E-04	0.52220512	0.5505234
0.0589737	1.00E-04	1.00E-04	1.00E-04	0.11632806	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06646372
1.00E-04	0.03065562	0.00817938	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01423044	0.02906699	1.00E-04	1.00E-04	1.00E-04	0.10847239
0.0664416	0.00319193	0.00700103	0.12967517	0.51997149	0.30638838	0.17873487
0.02370914	0.0056933	0.00885636	1.00E-04	1.00E-04	1.00E-04	0.07300495
1.00E-04	0.00892774	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04077187	0.14121285	0.13519206	0.33472695	0.37048099	0.73532958	0.74385973
0.28966462	0.13046955	0.21579649	0.16185184	0.55563289	0.03877277	1.00E-04
1.00E-04	0.05325169	0.04719267	1.00E-04	0.168997	0.08218364	0.16571897
0.21074818	0.07465465	0.11184141	0.37255586	0.12289812	0.24905074	0.41705153
1.27308374	1.24889561	1.40831278	0.39950499	0.44239015	0.75941419	0.82042481
1.24347364	1.25376504	0.99217182	1.36684065	1.60216885	1.36575293	1.4551528
0.39118182	0.26253309	0.28867046	0.17393759	0.11953943	0.16375719	0.27215456
1.00E-04	1.00E-04	0.04676557	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5023877	0.18946395	0.27512136	0.81055448	0.73117023	0.537511	1.09135509
0.44251329	0.4905984	0.48988267	0.71098987	1.19090798	1.31428391	0.69017904
0.05446736	0.04983904	0.01597706	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73043191	0.40162471	0.49017694	1.32349029	1.4552047	0.9330819	1.01759669
1.00E-04	0.00527633	0.03511119	1.00E-04	0.18077548	0.12525407	1.00E-04
1.00E-04	0.12867342	0.23908673	0.10854968	1.00E-04	0.03020505	1.00E-04

1.00E-04	0.00693819	0.00804093	1.00E-04	1.00E-04	0.08622605	0.0964383
0.31120564	0.25021659	0.40769393	0.28920438	0.50069876	0.2851756	0.39886174
0.07480959	0.19951173	0.16109708	1.00E-04	1.00E-04	0.39051672	0.555063
0.04139026	0.00562774	0.03306663	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0108931	0.00615511	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00761541	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23998809
1.00E-04	0.06188464	0.13285215	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04183329	0.00641305	0.0254074	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26111397	0.2304465	0.29373265	1.41035455	1.06306223	0.41241197	1.30374883
0.24507866	0.14286426	0.23450785	0.1973176	1.00E-04	0.4335519	0.39416754
0.13243682	0.225618	0.21873093	0.28872601	0.27568709	0.37121951	0.2199524
0.69127504	0.56434038	0.57670333	0.52889358	1.14303218	1.26328379	1.03302044
1.00E-04	0.03206451	0.00637461	1.00E-04	1.00E-04	0.14052263	0.0917506
1.00E-04	0.01043891	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.73460173	2.6487691	3.0184121	1.85714543	2.66098114	2.3340539	2.6065045
0.02532883	1.00E-04	1.00E-04	1.00E-04	0.09509557	0.06074498	1.00E-04
0.32236064	0.36371088	0.48027189	1.80832597	1.48325443	1.45819043	1.21584161
0.0341081	0.08121532	0.02586961	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76190195	0.81109497	0.87757114	0.15282077	0.38267561	0.91885902	0.92411402
1.00E-04	0.01128572	0.00896099	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25432427	0.31724191	0.35277494	1.00E-04	1.00E-04	0.32013281	1.00E-04
0.11301269	0.08752066	0.11637808	0.17352487	0.03162172	0.20406442	0.51479614
0.53739694	0.38970354	0.57498429	1.00E-04	0.16160182	1.00E-04	1.00E-04
1.17924842	1.15423741	1.05449773	0.97040976	0.73527422	0.7656138	0.69000156
1.3985094	0.74095205	0.98812028	1.69034744	2.0491219	1.74765402	1.9469612
0.62490965	0.33282877	0.35553527	0.63717476	0.87482596	0.82653633	0.8983033
1.08270782	0.51765789	0.6354687	1.34337457	1.78924472	1.51373515	1.48981907
1.00E-04	0.00915086	1.00E-04	0.18773828	1.00E-04	1.00E-04	1.00E-04
1.07111713	1.08103756	1.26116718	0.62676436	1.16157726	1.49008875	1.6265096
0.18388654	0.03290208	0.0146109	1.00E-04	1.00E-04	0.03726445	1.00E-04
1.0603966	0.86985165	1.13054133	1.62801051	1.72329434	1.89248925	1.96702794
0.95501351	0.51895031	0.67143829	0.81083211	0.2908765	0.40216585	0.665416
0.13850315	0.1415471	0.18758475	1.00E-04	1.00E-04	0.18395646	0.1123401
1.09420368	1.22317344	1.34979791	1.00E-04	0.20676065	0.28270133	0.53732808
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11494876	0.16167549	0.15265	0.28864162	1.00E-04	1.00E-04	1.00E-04
1.79829124	1.53093944	1.73587391	1.11398499	1.69294153	1.3230761	0.8956489
0.10328478	0.0269041	0.10298698	1.00E-04	0.08504512	1.00E-04	1.00E-04
0.0277721	1.00E-04	0.01059354	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01246422	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00792855	1.00E-04	1.00E-04	0.09244542	1.00E-04

1.00E-04	0.02578341	0.02487361	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07347297	0.59173814	0.80322768	0.56775846	0.95152921	0.67858571	0.53746479
0.12416663	0.10636416	0.06326128	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01064174	0.06338677	0.18267183	0.31702656	0.52452989	0.5383076
0.25075707	0.133656	0.18149378	0.10688636	0.49393818	0.95306967	0.88440868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03298361	0.02006151	0.03074552	1.00E-04	0.15635124	1.00E-04	1.00E-04
0.61461619	0.27833442	0.29871817	0.65404079	0.96868182	0.62459637	0.65478434
1.09955774	1.04847255	0.97599267	0.51717492	0.99422333	1.25614914	1.11580683
0.09709985	0.11831758	0.09405226	1.00E-04	0.22077342	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04714582	1.00E-04	1.00E-04	0.1261655	1.00E-04
0.20491663	0.71660041	0.63047554	0.38482694	0.18604043	1.00E-04	0.25969847
0.81967575	0.68009949	0.68184102	0.1812229	0.18650376	0.51123256	0.39037546
1.80496871	1.53161468	1.57497966	0.33235491	0.38698284	1.00E-04	0.36002616
0.0838978	0.07400581	0.03758294	1.00E-04	0.49452085	0.34928863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06043506	0.08799626	0.08069654	1.00E-04	1.00E-04	1.00E-04	0.11030334
0.09138751	0.064594	0.03338938	1.00E-04	0.1955637	0.14215429	0.08824142
0.45799815	0.95602332	0.54410584	0.31765566	0.51261949	0.59515873	0.44321464
0.26663544	0.25815265	0.30848052	0.41178353	0.44581789	0.97062633	0.52908258
1.5736317	0.87435518	1.62119695	2.36102915	2.32768311	2.6392945	2.81367914
0.19224378	0.0758425	0.2024168	0.12575505	1.00E-04	0.15050082	1.00E-04
1.60077575	2.37816086	1.53190219	0.92944089	0.72545541	1.01453759	0.91491527
0.28152997	0.70917516	0.76837435	0.1352826	1.00E-04	0.08647763	0.55197922
1.00E-04	0.01673658	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00359423	1.00E-04	0.12796135	0.11648159	1.00E-04
0.16288382	0.20978721	0.32275391	0.21576971	0.24413111	0.31233794	0.17906522
0.60544578	0.39804217	0.39092476	1.00E-04	1.00E-04	0.1933426	0.18718156
0.3927167	0.28203767	0.35567295	0.06571364	0.04395572	0.22859241	0.18919259
0.14363755	0.21549076	0.22297371	0.35921506	0.2039557	0.28570719	0.53741214
1.00E-04	1.00E-04	0.00857748	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61212403	0.41289486	0.48480502	0.22806165	0.389046	0.56352912	0.42966353
0.23638027	0.28846704	0.37126684	0.21880251	0.20456093	0.92757145	1.27531122
0.86570849	1.15972526	1.0403962	1.00E-04	1.00E-04	0.28972983	0.08507286
0.07218393	0.02850432	0.0788336	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24045855	0.30079227	0.31850086	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00563566	0.0165878	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64515292	0.55135028	0.5633665	0.16752309	0.96216658	0.48395157	0.70455522
1.77601416	1.59284437	1.93267553	1.83940115	2.72877951	2.87961766	2.98976709
0.40386057	0.4796	0.52656661	1.42600316	1.9691572	1.45894722	1.14188619
0.72370928	0.77813403	1.02705008	1.00E-04	1.00E-04	0.23319107	0.2242715
0.76256974	0.76579378	0.48515173	0.8126772	1.06670041	1.07988788	1.02218786
0.21966943	0.29072717	0.35268464	0.24342898	1.00E-04	1.00E-04	1.00E-04

0.18926203	0.35622444	0.30784147	1.00E-04	1.00E-04	1.00E-04	0.01875595
1.00E-04	0.00286009	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65225359	0.81617411	0.84589511	0.3616212	0.15530223	0.78738959	0.64278915
0.24948815	0.14233341	0.14811905	0.64874209	0.61768822	0.36634334	0.47226021
0.2089653	0.10828235	0.18765198	1.00E-04	1.00E-04	0.09691826	0.07696777
0.71937663	0.33724497	0.35498863	0.60054137	1.7385435	1.87380303	1.64159973
1.69929161	1.15278066	1.10017112	1.97343251	3.30686053	3.3127772	3.04142688
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00760468	0.00636958	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01877468	0.03969879	0.00565187	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39067471	1.30740343	1.53741654	1.43081091	1.84201214	2.03562878	1.92029397
1.00E-04	1.00E-04	1.00E-04	0.26715255	0.07744466	1.00E-04	1.00E-04
0.04653573	0.04857293	0.02320176	0.10900202	0.28100437	0.22630838	0.2395796
1.00E-04	0.01526824	0.02627772	1.00E-04	1.00E-04	0.16063888	1.00E-04
1.44422162	0.79464812	1.05775868	1.59289463	1.67853947	1.72541512	1.49767627
0.28673023	0.15024019	0.17472817	1.00E-04	0.39988383	0.26680551	0.81208411
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10686964	0.051395	0.0653349	0.26598257	1.00E-04	1.00E-04	1.00E-04
0.04045358	1.00E-04	0.04224146	0.22469227	0.22983253	0.20649317	0.16783188
0.07215799	0.05771001	0.1412325	0.09690349	0.41570503	0.14374855	0.56951993
1.00E-04	0.01710964	0.01505099	1.00E-04	1.00E-04	0.05307921	1.00E-04
0.22134109	0.11215065	0.12186054	1.97491444	2.06461998	1.393692	1.43402058
1.00001156	0.63281792	0.96733924	0.6640603	1.12385799	1.40089398	1.31266356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44858618	0.63562945	0.50856153	1.00E-04	0.11137208	0.57373219	0.15696475
1.00E-04	1.00E-04	0.00835154	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27830352	0.15811419	0.23795953	1.00E-04	0.49353668	0.29106921	0.15165684
0.14749755	0.03870364	0.12430107	1.00E-04	0.40601271	1.05565166	0.85017031
0.09330423	0.0047785	1.00E-04	1.00E-04	1.00E-04	0.06738813	0.26320234
0.3991128	0.18929941	0.4005389	1.00E-04	0.43210591	0.68123948	0.92062265
0.30695217	0.13741607	0.1802236	1.00E-04	1.00E-04	0.26228008	0.28225156
0.03868724	0.02997581	0.01239222	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00598995	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0046491	0.00655541	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00986658	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93111826	1.78801699	1.86489687	0.38638416	0.45592473	0.54955538	0.60466579
0.39350446	0.2253519	0.36374676	1.16480146	1.1292638	0.99422396	0.82248499
0.25648878	0.26696459	0.20291886	0.1663799	0.12219741	0.08993472	0.50634712
0.56941535	0.33788314	0.29248898	0.1896378	0.6481173	0.46497065	0.24160469
1.85803458	2.10603001	2.60086809	1.00E-04	0.33694271	0.27967366	0.56380215
0.43121052	0.25122741	0.25278177	1.00E-04	1.00E-04	0.30994551	0.39099916
3.19037622	3.3580896	3.40687012	2.5899034	2.56115499	2.86707953	3.12337358
0.18537676	0.08900595	0.06940326	0.56113381	0.58437084	0.05094752	1.00E-04

0.08214967	0.25174441	0.15046072	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17124828	0.1827211	0.14013623	0.15288892	0.21898467	0.40778551	1.00E-04
0.45485308	0.23834353	0.36825857	2.32080109	2.12128897	2.11832574	2.0370848
0.18594365	0.15699287	0.14903765	0.41338738	0.63979277	0.57595068	0.48900919
1.00E-04	0.02912123	0.02855183	1.00E-04	1.00E-04	0.1678142	1.00E-04
0.04815252	0.14332206	0.07063686	0.22806165	0.49346181	0.13321376	0.11789546
0.79765499	0.48311436	0.61351926	0.24672226	0.7563524	1.14668063	0.91759024
1.00E-04	0.01811255	1.00E-04	1.00E-04	0.21535724	1.00E-04	0.10405848
1.37778275	1.23938868	1.59479168	0.91232634	1.15640126	1.4713581	1.17110491
1.50423173	1.24061974	1.02233539	0.83561297	1.23990068	1.05558026	0.97764162
1.14276571	0.86384614	0.71407249	1.00E-04	0.21978605	0.06578213	0.29338399
1.45353476	1.52017866	1.39795869	1.10908973	0.65131872	0.71888796	1.018808
0.33516328	0.28697089	0.62877893	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21680705	0.83011544	0.95961459	0.98501055	1.37599333	1.45122269	1.69100511
0.3467189	0.17773685	0.24834473	1.0713849	0.93692232	1.04464868	1.24122887
1.00E-04	0.00574149	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10695967	0.02116259	0.06307129	1.00E-04	0.46902021	0.15218381	1.00E-04
0.61177055	0.51558627	0.4484752	0.30464672	0.363566	0.2898318	0.18101855
1.00E-04	0.01121998	0.00886837	1.00E-04	1.00E-04	0.0589433	1.00E-04
0.15807248	0.02594322	0.05696428	1.00E-04	0.24597871	1.00E-04	1.00E-04
1.0202181	0.61577965	0.62748341	1.00E-04	0.50094891	0.11390219	0.20071398
0.11119968	0.19892315	0.22989518	0.31091073	0.6279609	0.55148447	0.76470228
0.56446664	0.16144906	0.25040653	0.59675311	1.07289318	1.34993855	0.64323987
1.00E-04	0.03015298	0.00343136	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00427611	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00449929	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78368949	0.29367644	0.40448631	1.00E-04	1.00E-04	1.00E-04	0.35224907
0.31139349	0.13957691	0.34997576	0.45310767	1.10135498	1.63406865	1.69110706
0.03315432	0.02259052	0.20862406	1.00E-04	1.00E-04	0.07262157	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00798528	1.00E-04	0.33051695	0.14045972	0.0721819	1.00E-04
1.00E-04	0.00973503	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01611257	0.02743633	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47660763	1.31037155	1.56981276	0.62756531	0.92730366	0.50361781	0.23397924
0.95208702	0.90372045	0.99699884	0.53890995	1.26082767	1.09674541	1.22756135
0.52772097	0.42759134	0.66015192	0.75808876	1.40566489	1.35191572	1.18311497
0.07200835	0.13910106	0.21576258	0.16300593	0.14772414	0.05966591	0.3312927
1.537409	1.28866377	1.95247776	0.42480948	0.65625911	0.71882286	0.63364812
0.07508743	0.0333025	0.06383133	1.00E-04	0.12853699	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02205735	1.18065545	1.50844293	1.00E-04	0.25662424	0.03978822	1.00E-04
0.64335363	1.28954072	1.04607181	1.00E-04	1.00E-04	0.43155224	0.25844354

1.00E-04	1.00E-04	0.00984806	1.00E-04	1.00E-04	0.05930978	0.33511595
1.00E-04	1.00E-04	0.05307815	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0138201	0.00773817	1.00E-04	1.00E-04	0.1457103	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03363303	0.01758099	0.00507052	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0272682	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05357465	0.05530903	0.02572564	1.00E-04	0.13400288	1.00E-04	0.10269587
1.00E-04	1.00E-04	0.02504761	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00892325	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02138824	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27187097	0.05409848	0.0725443	0.18687438	0.16771917	0.37652974	0.39868787
1.00E-04	0.01835013	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43812408	0.05046129	0.09938687	1.81261964	0.61424821	0.27606995	0.34510898
1.00E-04	1.00E-04	0.00713382	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00607414	0.03455317	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07680054	1.00E-04	0.02310761	0.4124683	1.00E-04	1.00E-04	1.00E-04
0.02080082	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01606904	0.00641272	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2803491	3.47982337	3.51165949	0.43014298	0.24478981	1.62472818	1.82513415
0.01770179	0.0037668	0.0055323	1.00E-04	0.08605178	1.00E-04	1.00E-04
1.00E-04	0.07642737	0.06570674	1.00E-04	1.00E-04	1.00E-04	0.08661753
1.00E-04	0.03276177	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01216061	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1082395
0.1298434	0.03445811	0.01970983	1.00E-04	0.09983306	1.00E-04	0.2099522
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07535065	0.07618275	0.03218909	0.32442846	1.00E-04	0.32059884	0.0937488
1.00E-04	0.00529343	1.00E-04	1.00E-04	1.00E-04	0.21147871	1.00E-04
0.05545196	0.0835021	0.12448102	1.00E-04	1.00E-04	0.27153155	0.15595047
0.07011086	0.024663	0.02356289	1.00E-04	1.00E-04	1.00E-04	0.17089659
0.35612401	0.48936404	0.64249115	0.64179165	0.37936318	0.66677772	0.90136539
1.00E-04	1.00E-04	1.00E-04	0.4154809	0.11002876	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00737778	0.01792803	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09694797	0.09200044	0.03368465	0.30677069	0.23286398	0.40032895	0.53975934
1.10644683	0.75480855	0.76682489	0.14936248	0.87192239	0.17885228	0.41990545
0.05186458	0.01638048	0.06932608	1.00E-04	0.14566482	0.05960626	0.3044965
0.05856922	0.042308	0.09704282	1.00E-04	1.00E-04	0.08644491	0.34014526
2.66139073	2.85180897	2.65508205	1.31405319	1.76709525	1.64814395	2.23161986

1.00E-04	1.00E-04	0.0122638	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04848287	0.03683481	0.0670977	1.00E-04	1.00E-04	0.06699057	1.00E-04
1.00E-04	1.00E-04	0.00947035	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02314752	0.03315142	0.07871054	1.00E-04	0.14875001	0.24439965	0.12230957
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09897061	1.00E-04
1.00E-04	1.00E-04	0.00512561	0.18606578	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29356439	0.22415387	0.23475965	0.10312421	0.58113849	0.74126616	0.55512985
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02301678	0.02053325	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73279067	1.66795742	0.95706069	0.52617344	0.37449173	0.68434326	0.299469
0.02896325	0.01354501	0.0657863	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00778057	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00356852	0.00827104	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03668841	0.03443343	0.0065054	1.00E-04	0.24485042	1.00E-04	1.00E-04
1.00E-04	0.02781158	0.05511216	1.00E-04	1.00E-04	0.09521542	0.31725785
1.00E-04	0.00725956	0.00961292	1.00E-04	1.00E-04	0.0756875	1.00E-04
1.00E-04	0.00849209	0.0199423	1.00E-04	1.00E-04	1.00E-04	0.14404118
0.07503265	0.01063421	0.02421002	1.00E-04	0.2374359	0.13861073	0.09080648
1.00E-04	1.00E-04	0.01231248	0.07488644	0.2393347	0.14366826	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01495578	0.00967934	1.00E-04	1.00E-04	0.15002393	0.14246539
1.00E-04	0.01485338	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02893599	0.02935324	1.00E-04	1.00E-04	0.14648462	0.14833452	0.10174844
1.00E-04	0.00588689	0.00748136	0.34030701	0.30629741	1.00E-04	0.13361357
0.03746021	0.01442941	0.00554369	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00785686	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07448582	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01470483	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02229385	0.02315381	0.02285842	1.00E-04	1.00E-04	0.07713209	1.00E-04
1.00E-04	0.01742856	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27819439	0.61700999	0.83543751	0.11465013	0.3668953	0.73541407	0.2481669
1.00E-04	0.0080678	0.01133339	1.00E-04	1.00E-04	1.00E-04	0.10968619
1.00E-04	1.00E-04	0.01715232	1.00E-04	0.0935808	0.04633513	0.10136853
0.09183025	0.11567439	0.04539487	0.60079805	0.23976011	0.43424029	1.00E-04
1.00E-04	0.00324102	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55621256	1.01525426	0.66413073	1.15097549	0.67968374	0.31511049	0.75660816
0.1264396	0.21794502	0.20304875	0.33580694	0.08685333	0.25598868	0.28772837
0.03478465	0.00344006	0.01459966	1.00E-04	1.00E-04	1.00E-04	0.06401762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07075176	1.00E-04	1.00E-04

1.00E-04	0.02365144	0.02410668	1.00E-04	0.25551591	0.0920883	1.00E-04
1.00E-04	0.00914007	0.02120524	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0048809	0.0236271	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02573305	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08536086
1.00E-04	0.004634	0.00624357	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06337903	0.09059115	0.09887986	1.00E-04	0.17443998	0.07399632	0.26726511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08868511	1.00E-04	1.00E-04
0.03402255	0.01572992	0.03857726	1.00E-04	1.00E-04	0.08278071	0.1234653
1.00E-04	0.02880079	0.00773817	1.00E-04	1.00E-04	1.00E-04	0.05490085
0.02904533	0.00897876	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02773536	0.00842425	0.02628254	1.00E-04	1.00E-04	0.02136421	0.1668395
0.04069384	0.00931287	0.07183196	0.45236726	0.51909708	0.1339189	0.64519089
0.09781266	0.05237177	0.02191414	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28444102	0.47593278	0.45298526	0.32245313	0.37639377	0.46858737	0.16823965
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1334911	0.08617978	0.10087492	0.45986384	0.2341787	0.52208149	0.74735299
1.00E-04	1.00E-04	0.01607149	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01857141	0.039079	1.00E-04	0.08457559	0.12917343	0.15692238
0.52818225	0.17661756	0.13026041	0.10740359	0.12853699	0.09721882	0.52833071
1.00E-04	0.02477551	0.00770819	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08157394	0.03965295	0.11358739	0.13050735	0.45337134	0.07257737	0.09227829
0.24276387	0.21836024	0.18210559	0.32066245	1.00E-04	0.18257134	0.20122977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02009263	1.00E-04	1.00E-04	0.06961109	1.00E-04
1.00E-04	0.01257277	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03028103	0.02690323	0.05325143	1.00E-04	0.28208099	0.26090128	0.53077667
0.17117572	0.04509278	0.04632495	0.30331724	0.50018401	0.09940804	0.20659021
1.00E-04	0.01783577	0.01135589	1.00E-04	1.00E-04	0.06264385	0.28654121
0.04484731	0.00483942	0.09763165	1.00E-04	1.00E-04	0.51158178	0.15136519
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37173193	0.13549854	0.22930489	0.23264109	0.22309082	0.05809612	1.00E-04
0.09406161	0.07104804	0.06390458	1.00E-04	1.00E-04	0.05882698	0.29612642
1.99314231	1.64940198	1.7429699	1.72739786	1.89676212	2.45748583	2.32060535
0.29239022	0.09706249	0.14224366	0.12172032	0.10688911	0.06754082	0.27047256
0.02025636	0.04687139	0.09838083	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21178357	0.20641783	0.21834566	0.25889455	0.43796636	0.40197706	0.80580417
1.50420987	1.65506282	1.41932111	2.21469487	2.44258365	2.54312279	2.1105485
1.00E-04	0.05818013	0.03207926	1.00E-04	1.00E-04	0.15240388	0.21481977
0.03597581	0.03321092	0.05516287	1.00E-04	0.12479451	0.20975321	0.11141783
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11024616	1.48440159	1.90563629	0.85741944	0.77754164	0.88632399	1.40274927

2.99645375	2.72817929	3.10118518	3.43214151	4.12731866	4.77392233	5.05794822
1.19079011	1.91256607	1.66509048	1.00E-04	1.00E-04	0.25814778	0.48805942
0.02018633	0.02894355	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.83810554	3.0711357	2.81939658	0.18625541	0.18899842	0.35528409	0.54820331
0.14726195	0.06595239	0.0667952	0.61710924	0.70373838	1.29381325	1.22660285
1.54557074	1.13479754	1.35381256	1.20556962	1.45013914	2.45541517	1.93914741
1.52805912	1.03012517	1.09445585	0.71926379	1.58615513	1.32348007	1.70836991
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05429373	0.03588677	0.01739804	0.41843538	1.28612269	0.55377802	0.29350506
0.46103026	0.19786351	0.36314451	0.37005296	1.5243396	1.54512764	1.60184832
1.21954284	1.32635322	1.29956717	1.65959607	1.76244935	1.97193605	1.93342326
1.00E-04	0.02282548	0.04025574	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01900835	0.01653121	0.04465122	1.96916468	2.22147746	2.21118535	1.87703658
1.00E-04	0.01696841	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02647448	0.05204576	0.04123866	1.00E-04	0.23858007	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2093788	1.19989094	1.28236941	1.48012254	1.07811578	1.31150419	1.78401231
0.05520368	0.02069738	0.0174059	1.00E-04	0.09930135	0.07765967	0.18205398
0.21739436	0.03662528	0.0864457	1.00E-04	1.00E-04	0.32616793	0.16043932
1.00E-04	0.01549742	0.0168967	1.00E-04	1.00E-04	0.05562971	0.07030128
1.74267196	1.35122237	1.69464618	2.03463863	2.50994518	2.96225739	3.11855782
0.41499053	0.22245346	0.19081516	0.14851373	1.00E-04	1.00E-04	0.18718156
0.58292451	0.53215716	0.93272808	1.00E-04	1.00E-04	1.00E-04	0.22600067
1.22476568	1.06953653	1.33944385	1.62155822	0.93887495	0.59500417	0.36589534
0.22703731	0.14431859	0.1154543	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56855925	0.21465256	0.20817701	0.19132553	0.25163452	0.11435451	0.4142101
0.17341923	0.07843363	0.08027143	0.36087269	1.00E-04	0.05761888	0.0762365
0.02021996	0.00591326	0.03128045	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02564571	0.0263604	0.03187864	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03355846	0.00592507	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07805597	0.02699071	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01418398	0.34131702	0.33322228	0.21020451	0.57876068	0.29560347	0.4530301
0.04716517	0.12957635	0.28542914	1.00E-04	0.28188855	1.00E-04	1.00E-04
1.00E-04	0.01321227	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00637682	0.01634618	0.14617029	0.09162161	1.00E-04	1.00E-04
0.29927948	0.27140996	0.30548805	1.00E-04	1.00E-04	0.13226875	1.00E-04
0.74454347	0.54313665	0.80560455	0.78753261	1.21478867	1.02589543	1.32746521
0.26448148	0.0865238	0.16326582	0.37376086	0.11099725	0.13789479	0.51363862
2.77914266	2.44154154	2.50198692	2.67389945	3.0358046	3.17568117	3.03331693
1.49821911	0.79069947	0.57518893	0.71937076	1.36474567	1.11622047	1.0296208
0.02582665	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11340492	1.00E-04	0.01811919	1.00E-04	0.23478192	0.03445959	0.40641155
0.12752846	0.28875648	0.60382291	1.00E-04	0.26608915	0.23164467	1.00E-04
1.00E-04	0.01704062	0.02437109	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.00130582	1.4685407	1.45195859	1.89837904	2.44075343	2.2550971	1.86357263
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.0693221	1.10163913	1.25591484	0.97002377	1.40240424	1.41151206	1.71822124
0.05217844	0.04162419	0.034897	1.00E-04	0.14409708	0.20503266	1.00E-04
0.02053869	0.07260311	0.03837614	0.38178065	0.42317178	0.40951578	0.35073446
1.25367597	0.8507224	0.86977152	0.70054263	0.88005869	1.01504873	1.17146793
0.30495366	0.0527798	0.07217752	1.00E-04	0.2320788	0.04581885	1.00E-04
1.39543776	1.65631258	1.69617684	1.32031528	2.00064373	2.14636621	2.11500754
2.21551189	1.49128898	1.61773677	0.18313402	0.82103706	1.73473292	1.57042935
1.57675979	2.46257435	1.8853282	1.10513379	0.20344206	0.730686	0.70149477
1.50054805	0.97723313	1.46360468	1.05258519	1.39275575	0.90132167	1.08889052
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00437821	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14204956	0.0651219	0.05349835	0.08764124	1.00E-04	1.00E-04	0.075519
0.35370277	0.10890598	0.39770875	0.32237966	0.66736281	1.10416856	1.38376074
1.59525613	0.94382664	1.08756738	1.8130654	1.93075103	2.02066961	2.29389245
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22248933	0.07578967	0.09278577	1.00E-04	0.02682968	1.00E-04	1.00E-04
1.9236357	2.37196064	2.0165094	0.48128974	0.24001975	0.78787889	0.52485422
0.2269314	0.22122505	0.27292238	0.83703722	0.93204487	1.12642842	1.26716004
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07320757	0.03955978	0.09522358	0.08520535	0.17255156	0.1709082	0.52682094
0.49358517	0.24367774	0.59991415	1.23953806	0.42630018	0.85017206	1.26895111
1.00E-04	0.00660869	0.01066265	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61535981	0.38059059	0.50973522	0.64478521	0.59507364	0.49529055	0.44856027
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13553867	0.0321596	0.0684576	0.38672282	0.19996336	0.23093596	1.00E-04
0.36836037	0.23525811	0.53675517	0.39789117	0.5555001	0.76156645	0.70492835
1.00E-04	0.00758192	0.04573105	1.00E-04	1.00E-04	0.22069592	0.33009905
1.19183604	1.09434664	1.19607197	0.89201508	1.42740033	1.29714453	1.55817286
0.19627914	0.14938329	0.28830282	0.5907023	0.69739135	0.2407394	0.48356502
0.02343449	0.05881155	0.12405322	1.00E-04	1.00E-04	0.06706593	0.20219101
0.05561647	0.0044304	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00783623	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51542643	2.44996149	2.72403881	2.24516369	3.2668416	3.71977398	3.78777537
1.00E-04	1.00E-04	0.01046036	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45079822	0.94610075	1.04115747	2.02964014	2.04025893	2.03104902	2.00339194
0.13694674	0.08388348	0.06742079	0.17185302	0.15095147	0.20340758	0.2050594
0.43392525	0.16387479	0.23063411	1.00E-04	0.61708882	0.59923223	1.13722886
0.80509153	0.42749135	0.77015346	1.07616358	1.25878023	2.04281864	1.92285994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11155873
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05495369	1.00E-04	1.00E-04	0.21105484	0.16579376	1.00E-04	0.10018871
0.01611257	0.03088845	0.02132827	1.00E-04	1.00E-04	0.10167255	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06931024	0.14855279	0.07840981	1.00E-04	1.00E-04	0.03977495	0.06063205
0.21621179	0.26413891	0.45634115	0.41082028	0.08504512	0.07305626	0.271287
0.55070053	0.80222615	0.9085745	1.00E-04	0.18507497	0.31870165	0.08730302
0.3998398	0.26979247	0.38333921	0.27467514	0.50846743	0.55673625	0.93156903
0.10224521	0.03611614	0.13831632	1.00E-04	1.00E-04	1.00E-04	0.17973184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19507217	0.07367647	0.08752784	1.00E-04	1.00E-04	1.00E-04	0.32080932
1.18100525	0.57697506	0.77944519	1.43210401	1.17822193	1.12208256	1.28362222
0.04475199	0.05347109	0.11041417	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09984073	0.69623328	0.84804961	3.1904831	2.80029045	1.94862589	1.98465004
0.06654884	0.07463554	0.00562017	1.00E-04	0.07958553	0.0307106	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.59052687	1.43842398	1.81756353	1.85574664	2.37409766	2.75486357	2.89752251
0.42236987	0.36372574	0.58232649	0.54953317	0.93701199	1.24521656	1.08756829
0.13020119	0.22137783	0.13972627	0.13004371	1.00E-04	0.09535375	0.21538563
0.10262336	0.07608521	0.07380319	0.5526883	0.71077955	0.53444748	0.57096447
0.45342939	0.01418084	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12495867	0.12049732	0.13290821	1.00E-04	0.12530527	0.21578662	0.05986118
0.06583617	0.1456508	0.07869412	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04080434	0.07017534	0.09282988	1.00E-04	1.00E-04	0.25485465	1.00E-04
1.00E-04	1.00E-04	0.00789073	1.00E-04	1.00E-04	1.00E-04	0.07404607
0.04399574	0.13036788	0.12073241	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.061903	0.0209889	0.0438206	0.24030201	1.00E-04	1.00E-04	1.00E-04
0.02596916	0.00549204	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8128914	0.81037696	0.89713761	0.77158174	0.67017818	0.66406544	0.97966023
0.03217369	1.00E-04	0.01046036	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09136872	0.25675667	0.24343901	1.00E-04	1.00E-04	0.04558242	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32533808	0.25208033	0.32659162	0.16142327	0.39849154	0.17348783	0.19557725

1.00E-04	0.01063108	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01773333	0.03677233	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02368601	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0063329	0.00410995	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15661529	0.30100805	0.17940493	1.00E-04	0.18958457	1.00E-04	1.00E-04
1.1536549	2.17598991	2.11855402	0.16373565	1.00E-04	1.03102198	0.74189843
0.02643958	0.01293728	1.00E-04	1.00E-04	1.00E-04	0.11413194	1.00E-04
0.20468277	0.52416924	0.45755912	1.00E-04	0.22721684	0.08929426	0.24626212
1.00E-04	0.00756482	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10718744
0.03457603	0.0820688	0.12419653	1.00E-04	1.00E-04	0.08307134	1.00E-04
0.44586999	0.20592535	0.28649162	1.05698031	1.16012818	0.68737745	0.86820432
0.05650131	0.00659255	0.0190904	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20474192	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00366146	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2237283	0.08001116	0.06929202	0.2792049	0.08427947	0.62779708	0.25409739
0.40926288	0.19123724	0.30910357	0.8346643	0.51102419	0.37200105	0.4825349
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06904148	0.09248316	0.19970637	0.22891991	0.36275904	0.54999155	0.24447828
0.10631559	0.00816868	0.0152103	1.00E-04	1.00E-04	0.20212329	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23931793	0.13860072	0.40680784	0.61893711	1.00E-04	0.48999598	0.64512118
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00779529	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00553118	1.00E-04	1.00E-04	1.00E-04	0.06646372
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00283906	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00594662	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00531039	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03948645	1.00E-04	0.00826158	0.27655782	0.54379583	1.00E-04	1.00E-04
1.00E-04	0.0272598	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1244233
1.00E-04	1.00E-04	1.00E-04	0.52035429	1.00E-04	1.00E-04	1.00E-04
0.01789547	0.02937017	0.04869501	1.00E-04	1.00E-04	0.26647235	0.15029915
0.08765337	0.0826656	0.11503527	0.2676431	0.42071225	0.50736132	0.34577048
0.24683929	0.15546496	0.19177278	0.92528658	1.43721064	1.05726377	1.30744283
0.07024681	0.06099116	0.00985655	0.16271586	1.00E-04	0.06961109	0.20884214
1.00E-04	0.02617257	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.03567062	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07068125
1.52835634	2.35538499	1.43152578	1.23647439	0.71370466	1.4016065	0.96118228
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0756359	1.00E-04

1.57234408	1.34594502	1.76602786	1.787554	2.3020763	2.84928596	3.04501461
1.00E-04	0.0104015	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03030921	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02904533	0.02859926	0.01927549	1.00E-04	1.00E-04	0.22994849	1.00E-04
1.00E-04	0.00309793	0.00936632	1.00E-04	1.00E-04	0.0946102	1.00E-04
0.03280997	0.02659613	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00492564	1.00E-04	1.00E-04	1.00E-04	0.06197126	1.00E-04
1.00E-04	0.00453546	0.03820771	0.71820711	1.40323266	2.04162511	1.75370659
0.05368447	0.04288646	0.05178848	0.47212699	0.19583226	0.20422445	0.14441644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51533493	0.251651	0.24660216	1.00E-04	0.2833708	0.04121127	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00664232	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.48342038	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00701749	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06541224	0.01893906	0.05220661	1.00E-04	0.19855909	0.21090292	1.00E-04
1.00E-04	0.02732656	0.0291502	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66376093	0.59078142	0.82713625	0.89910899	1.06324488	1.42234753	1.79784753
0.31147829	0.14330063	0.24732648	0.2931703	0.36387844	0.46862581	1.04021289
1.00E-04	0.00994768	0.04114193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02893184	0.02327828	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03013068	0.00425368	0.01059816	0.33397581	1.00E-04	1.00E-04	0.15204928
1.57072407	2.56585041	2.54266316	1.00E-04	0.50278855	1.12988454	1.17756813
2.1465506	1.82059339	2.76026517	1.93104941	2.55311934	2.92061398	3.11421011
0.13367677	0.13527048	0.17396035	1.00E-04	0.1121294	0.40694682	0.35624521
0.02001725	0.02303093	1.00E-04	0.36027448	1.00E-04	0.05557786	1.00E-04
0.31513446	0.50506911	0.57371697	0.21050741	0.31150802	0.1352639	0.30275712
0.36225017	0.11475926	0.12141189	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13156031	0.10359217	0.07145441	1.00E-04	0.13404479	0.11491443	0.34556881
1.00E-04	1.00E-04	0.0109571	1.00E-04	1.00E-04	1.00E-04	0.16415762
1.00E-04	0.01431094	0.01627695	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35344321	0.00636831	0.07594378	1.00E-04	0.62905185	0.3197216	0.66849193
1.00E-04	0.01591908	0.00647319	1.00E-04	1.00E-04	0.0894954	0.13784345
1.09562572	0.47539714	0.57562539	1.00E-04	0.23049886	0.04750725	1.00E-04
0.4056649	0.15505118	0.15867912	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00451484	1.00E-04	0.29846499	1.00E-04	1.00E-04	1.00E-04
0.33317345	0.26084847	0.35077528	0.08231455	0.2540773	0.22538876	0.089813
0.12563082	0.07114868	0.08869976	0.48372657	1.00E-04	1.00E-04	1.00E-04
0.21903173	0.27910214	0.28503366	0.68932736	1.05023469	0.84252735	1.32088893
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.510742	0.40908359	0.52230057	1.00E-04	0.58033316	0.36759383	0.1461863

0.24380385	0.03074215	0.04533014	1.00E-04	1.00E-04	0.1385691	1.00E-04
4.54619785	3.0823519	3.44814659	3.08074384	4.3521776	3.35128562	3.49832682
1.57168547	0.77486455	1.0037021	1.74804871	1.98705225	1.98000004	1.36045482
0.95734965	0.54832288	0.88876092	0.71909847	0.86030895	0.47731658	0.50572869
1.00E-04	0.00428688	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03370749	0.06015932	1.00E-04	1.00E-04	0.12120889	0.09628047
0.84365268	0.63057155	0.85400295	1.00E-04	1.23783211	1.50046103	1.24545987
1.00E-04	0.01929188	0.00699212	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30621937	0.32219901	0.44737607	0.21669052	0.6357518	0.72500656	0.664673
0.12728896	0.16400404	0.17759891	1.00E-04	0.28834294	0.13564907	0.21792284
0.05588608	1.00E-04	0.0163137	1.00E-04	0.2851944	1.00E-04	0.13078953
0.1940572	0.16742175	0.18289676	0.23168107	0.55570807	0.40951923	0.30498226
0.28431642	0.1173813	0.04164599	0.21096654	0.14157355	0.12425719	1.00E-04
0.42000051	0.55604342	0.40748227	0.11912625	0.33277826	0.69993451	0.62319078
0.29466154	0.18914778	0.08021448	0.49591622	0.45390207	0.23748335	0.41850024
0.18914641	0.03574482	0.06178165	1.00E-04	0.16289267	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01892979	1.00E-04	1.00E-04	0.06559019	1.00E-04
1.00E-04	0.01161812	0.06892565	1.00E-04	1.00E-04	0.10744804	1.00E-04
1.00E-04	1.00E-04	0.09185621	1.00E-04	0.11994079	1.00E-04	1.00E-04
0.10426315	0.07507619	0.00567031	1.00E-04	1.00E-04	0.06178367	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02505094	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04435174	0.1010197	0.12138535	0.1843299	1.00E-04	1.00E-04	0.18843469
0.57402314	0.79769267	0.93155678	0.1783061	0.34558858	0.44218271	0.39945121
0.19895541	0.40582288	0.24212076	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06124953	0.03820291	0.08302916	0.12704246	1.00E-04	0.12423921	1.00E-04
0.06052971	0.02399824	0.05430554	1.00E-04	0.24456997	1.00E-04	1.00E-04
0.81123393	0.54522824	0.88715841	0.10480634	1.00E-04	0.09635021	0.25108202
0.03667965	0.03176762	0.00839187	1.00E-04	0.07524403	0.22189856	0.05764307
0.03510769	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22666279	0.07851573	0.05027799	0.33335963	0.13325287	1.00E-04	1.00E-04
0.15626042	0.07136933	0.10934941	0.18934306	0.38484	0.18941124	0.55837508
0.37015694	0.06907962	0.26434827	0.287661	0.78917326	0.18566973	0.6492695
2.53856634	1.76101974	1.86261728	3.11609885	3.35162276	2.93015234	2.96136077
1.00E-04	1.00E-04	0.00971427	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01217894	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15955479	1.00E-04	0.1212586
1.278028	1.36733683	1.23231057	0.66066128	0.47698529	1.08301282	1.03709816
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15728398	0.08116123	0.01836388	0.16783061	0.3649843	0.22757385	1.00E-04

0.34968646	0.60477387	0.57293808	0.3745274	0.81747464	0.95832957	0.47882441
4.55794849	3.92028029	4.12712748	5.31260604	5.50763204	5.54896278	5.54799222
0.25432857	0.36607946	0.23614724	0.19112541	0.26409614	0.39000375	0.46611945
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47078695	0.46834722	0.16633137	1.00E-04	0.2579112	0.10724209	0.11925029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03336297	0.01836384	0.01524318	1.00E-04	1.00E-04	1.00E-04	0.06234482
1.00E-04	1.00E-04	0.00282573	0.0460434	1.00E-04	1.00E-04	1.00E-04
0.30085085	0.317706	0.4937321	0.83411469	0.67715333	0.31008539	0.17568871
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06073208	1.00E-04	1.00E-04	1.00E-04	0.11599626
0.07227826	0.01460596	0.02976256	1.00E-04	1.00E-04	1.00E-04	0.15370658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02501425	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36247229	0.07723416	0.07125637	0.58826205	0.11639507	0.17128706	0.36161779
0.31620434	0.60993492	0.0236421	1.00E-04	1.00E-04	0.47742494	0.05853162
0.50205173	0.38547026	0.45483832	0.33485414	1.12026392	0.60068061	0.68470676
2.13078572	1.69524309	1.96591416	1.81509041	2.30364345	1.98817778	1.96917531
0.35725923	0.12339951	0.18233583	1.39404717	1.30630522	1.49025193	1.78863579
1.00E-04	1.00E-04	0.00342956	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10081374	0.04165067	0.0197709	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16732882	0.01530818	0.07170674	1.00E-04	0.22243197	0.01178777	0.24865813
0.07233039	0.09172807	0.03207675	0.43156827	0.54988923	0.39199337	0.19111026
0.04139026	0.04832389	0.12250439	1.00E-04	0.35353918	0.2227247	0.17585765
1.00E-04	1.00E-04	0.01480699	1.00E-04	1.00E-04	0.04151252	0.18434056
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01523979	1.00E-04	1.00E-04	1.00E-04	0.12606849
0.09361092	1.00E-04	0.03351409	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69298018	0.45243254	0.46349338	0.64356535	0.85778928	1.51726797	1.3716361
1.00E-04	0.00490326	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05067688	0.22859178
0.0388159	1.00E-04	1.00E-04	1.00E-04	0.07613881	1.00E-04	0.14200642
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06583617	0.02753318	0.02143076	1.00E-04	1.00E-04	0.17381598	0.03920679
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07399632	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02209126	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03990592	0.01218543	1.00E-04	1.00E-04	0.04608444	1.00E-04
0.05856922	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05548734	0.25869922

1.00E-04	1.00E-04	0.01847883	0.61933167	0.26446516	0.10299596	0.39248551
0.14857029	0.14310786	0.19293595	0.15538904	0.18092832	0.66937323	0.33125601
1.00E-04	0.01182883	0.01214769	0.35024198	1.00E-04	0.35857345	0.19956119
0.12425724	0.12130953	0.06687347	0.31801048	0.31505547	0.22529502	0.49824914
0.29320543	0.14103034	0.13772151	0.0798217	0.07822136	0.39915208	0.75013666
0.39504212	0.12914835	0.12950761	1.00E-04	0.58234087	0.37646977	0.11261776
0.83731288	0.54748353	0.80130137	0.97241871	1.15629267	1.48608508	1.08727034
2.17309693	1.97843886	2.08240696	1.588439	2.19865982	2.9431097	3.09154367
0.82535898	0.67132331	0.65469882	1.00E-04	0.17240279	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.80731241	3.24173566	3.38156477	4.30307071	4.45445617	4.54397035	4.5103278
0.05783752	0.09648137	0.23543875	0.18271748	0.43888757	0.15690727	0.60359533
1.00E-04	0.01310843	0.0037726	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37921817	0.66018584	0.16731375	1.00E-04	1.00E-04	0.12962739	1.00E-04
0.04028749	0.06255822	0.03659149	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1547575	0.13157456	0.12141603	1.00E-04	1.00E-04	1.00E-04	0.14940746
0.2113716	0.31580601	0.37338693	0.5500971	0.3714325	0.22835718	0.12422434
1.05040939	1.15104847	1.13917777	0.67248059	1.32755342	1.83094162	1.8336887
0.68052581	0.18372481	0.18202917	0.46370995	0.21281419	0.31839372	0.34604681
0.16320749	0.15842743	0.18987948	0.51589033	0.59917267	0.4093162	0.44655333
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49019158	0.08528342	0.10714081	0.40254924	0.18062291	0.26049604	1.00E-04
0.08773457	0.16895706	0.21338293	0.14194619	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01811115	0.02915618	1.00E-04	1.00E-04	0.04392045	0.21965043
0.32524342	0.14080215	0.20837792	1.00E-04	0.49105112	0.24438271	0.28633345
1.40409356	1.11179581	1.59673407	1.62707378	1.82659808	2.39811835	2.74484096
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44907382	0.36860996	0.50177879	0.72000918	0.29186504	0.56656721	0.59578465
0.0684413	0.05880138	0.12747215	1.00E-04	0.86824392	0.48231889	0.47407102
0.05840047	0.10854807	0.09676029	1.00E-04	0.45158054	0.53720782	0.54678072
0.06149108	0.03826893	0.04123396	1.00E-04	0.47061177	0.17208638	0.21225917
0.1753714	0.30420294	0.39908154	1.00E-04	0.11128536	0.53901365	0.31452876
0.07107243	0.02065566	0.0392724	1.00E-04	0.10553324	0.44016917	0.75842234
1.00E-04	0.02191232	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07248085	0.93003659	0.89397763	1.68380739	1.29323512	1.17004882	1.2956414
0.04848287	0.06017446	0.06954134	1.00E-04	0.1171546	1.00E-04	1.00E-04
0.42827069	0.35813668	0.37918076	0.53101547	0.62492771	0.59921237	0.65733603
0.5932069	0.4431919	0.54444129	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14603522	0.05425412	0.08170801	0.15304882	0.14880168	0.52558507	1.00E-04
0.1713364	0.10354326	0.23209876	0.22560842	0.83091551	0.98012836	1.24365564
1.5538298	1.08537815	0.92472694	2.87346328	2.97632752	2.76087626	2.62212387
0.04195507	0.02338189	0.00974461	1.00E-04	1.00E-04	0.04702023	0.11561617
0.01722387	0.00822172	1.00E-04	1.00E-04	0.13238842	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07811094	0.01182727	0.02086617	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37208366	0.27839618	0.45072173	0.67374882	0.49910564	0.56736882	0.53110432
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2077768	0.09946791	0.11835672	0.10740359	0.1194672	0.60760961	0.18174325
1.07125697	1.34796712	1.48485676	0.56022493	0.80082734	1.1683338	1.23257957
1.09492646	0.84021782	0.99056147	0.22806165	1.11666926	1.27209156	1.61686323
1.26756516	0.91329242	1.48968212	1.27030261	2.05475275	2.52685399	2.64159392
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11327777
1.00E-04	0.00568235	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03130031	0.02831155	0.10366862	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11481917	0.06805889	0.13733379	1.00E-04	0.11268937	0.29837949	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02934207	0.00638083	1.00E-04	0.20789238	0.1875275	0.29949923
0.04414794	0.11920664	0.1150047	1.00E-04	1.00E-04	0.17830314	0.14014409
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38099097	0.14716916	0.3235882	0.22979583	0.82151119	0.92601376	0.78786345
1.00E-04	0.00436052	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00835713	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22001091	0.03494559	0.01938884	1.00E-04	0.3317886	0.20430573	1.00E-04
1.00E-04	0.0046264	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01860148	0.05042753	1.00E-04	1.00E-04	1.00E-04	0.1198987
1.00E-04	1.00E-04	0.03365895	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05414616	0.02047951	0.05089249	1.00E-04	1.00E-04	0.04290907	0.469032
1.00E-04	0.02629888	1.00E-04	1.00E-04	0.06192802	0.2316599	0.08956234
1.00E-04	0.020119	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00518422	1.00E-04	1.00E-04	1.00E-04	0.02783633	1.00E-04
0.05448273	0.12444462	0.06864273	1.00E-04	1.00E-04	0.1732201	1.00E-04
0.05200383	0.0194702	0.03595129	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01708045	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0316523	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00680394	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82043401	2.55716165	1.62527448	0.87420307	0.87649052	1.44046303	1.59026157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0787628	1.00E-04
0.07548276	0.09830829	0.0627005	1.00E-04	1.00E-04	0.0493555	0.30707007
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52426013	0.37348394	0.20504234	0.32155635	0.21846623	0.23855183	0.13942381
0.19575892	0.10163065	0.22488859	1.00E-04	0.40604373	0.62430991	0.40321364
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01227997	0.00517429	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02748251	0.00295768	0.0290743	1.00E-04	1.00E-04	1.00E-04	0.4651594
0.07340883	0.05927084	0.06814577	1.00E-04	1.00E-04	0.15957399	1.00E-04
1.00E-04	0.00504352	0.05128489	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0274907	0.03831027	0.01868351	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65038407	1.28903223	1.54738066	1.00E-04	0.23339334	0.29181021	0.10961804
0.12324087	0.05594372	0.03484087	0.30331724	1.00E-04	0.11209792	1.00E-04
0.03781342	1.00E-04	0.11169449	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87055878	0.40191026	0.6216781	1.98523867	2.18154721	1.826598	1.53786074
1.00E-04	0.01984984	0.01669453	1.00E-04	1.00E-04	1.00E-04	0.12558107
0.03996976	0.00498899	0.0379236	1.00E-04	1.00E-04	0.03448949	1.00E-04
1.55948209	1.57524604	1.42774282	0.0661705	0.80098554	0.71886417	0.87904727
1.00E-04	1.00E-04	0.02778809	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05082803	0.03144988	0.02721931	1.00E-04	1.00E-04	0.18010281	1.00E-04
1.00E-04	0.00873119	1.00E-04	1.00E-04	1.00E-04	0.0562729	1.00E-04
1.00E-04	0.05297394	0.01968433	1.00E-04	0.14859522	1.00E-04	1.00E-04
2.10811534	2.86992214	2.81886672	0.54632132	0.70080629	2.01292544	1.45009953
0.03950075	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0866078	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01855008	1.00E-04	0.08927582	1.00E-04	1.00E-04
0.08547494	0.02555578	0.05868216	0.27869989	1.00E-04	0.12221745	1.00E-04
0.28820336	0.13826226	0.19150871	1.00E-04	0.35741339	0.06259452	1.00E-04
0.241367	0.13885451	0.10676344	0.16085536	0.30489334	0.44986462	0.66141134
1.00E-04	0.01911518	0.00990073	1.00E-04	0.11313543	1.00E-04	1.00E-04
1.00E-04	0.03972982	0.01330399	1.00E-04	1.00E-04	0.12663495	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29772002	0.17884334	0.21356379	1.00E-04	0.13210713	0.17175157	0.48401483
1.00E-04	0.0074522	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02505094	0.00752584	0.05890779	1.00E-04	1.00E-04	0.4496122	0.23676113
0.08448161	0.15666487	0.13980294	0.24697286	0.24156907	0.11003203	0.11998025
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14284798	0.16158643	0.15976314	1.00E-04	0.27695846	0.32470826	0.31434767
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06654926	0.14340407	0.16590384	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47497723	0.39064466	0.5849457	1.00E-04	1.00E-04	0.18220449	0.0919775
1.00E-04	0.00502067	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14883982
0.02445199	0.05477074	0.05618275	0.43498413	0.21997779	0.22491558	0.30139409
3.59265662	3.9375001	3.94943185	1.96804096	2.06933986	2.57889975	2.77164998
1.00E-04	0.04137339	0.01484726	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.5632574	0.25298401	0.24430403	1.00E-04	0.14390348	0.11082325	0.27450707
0.6163436	0.40276313	0.61975869	1.72562812	2.09445003	2.90097398	3.21083281
0.02581943	0.00494369	0.05745622	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.42726296	1.61407727	1.53440521	1.27335028	1.60016094	1.48200888	1.35695491
0.08947177	0.05258212	0.07071384	1.00E-04	1.00E-04	1.00E-04	0.2245285
0.13243254	0.22531621	0.20252784	1.00E-04	1.00E-04	0.09248129	0.36210605
0.3340948	0.18870777	0.32032561	0.54669878	0.65653603	0.3802149	0.41980366
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1477793
1.00E-04	1.00E-04	0.02824547	1.00E-04	0.13400288	0.08418602	1.00E-04
0.77163116	0.48153446	0.69078687	0.25055189	0.66152653	0.49916115	0.55973554
0.30799545	0.10807777	0.17928369	1.00E-04	0.12777062	0.06608094	0.10053117
0.06053451	0.03533992	0.03328836	0.15279315	0.4561816	0.40451873	0.0718024
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10680405	0.00876346	0.05191697	0.22650484	1.00E-04	1.00E-04	1.00E-04
0.07599457	0.12273174	0.20775454	0.44392384	1.00E-04	0.24663855	0.25414291
0.06057331	0.11782381	0.06648318	1.00E-04	0.10532586	0.12348723	0.35607295
0.07071261	0.04706721	0.0443776	0.36508863	0.13744117	0.16090467	1.00E-04
0.03315432	0.03952187	0.09891453	1.00E-04	1.00E-04	0.03761113	0.18019151
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02491831	0.00555869	0.02230501	1.00E-04	1.00E-04	0.10521849	0.20517893
0.88315505	0.56145212	0.70182022	0.43374409	1.16035151	0.9602709	0.94271024
1.00E-04	0.03358964	0.00575976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02539939	0.01922768	1.00E-04	1.00E-04	0.05811027	0.13969996
0.17894929	0.07719924	0.08685301	0.1160307	0.20792201	1.00E-04	0.22272392
1.00E-04	0.04082249	0.08073323	1.00E-04	1.00E-04	0.01170334	1.00E-04
1.00E-04	1.00E-04	0.0126054	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35140717	0.25405925	0.44073189	1.00E-04	0.50088866	0.56398781	0.47629145
0.02804738	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1784795	0.10825284	0.18291847	1.00E-04	0.15955479	0.01178777	1.00E-04
0.58122052	0.38112806	0.4488533	0.57197983	0.41743536	0.6060524	0.89285312
0.01827191	0.02337931	0.08203366	1.00E-04	0.29727877	0.23120044	0.18943211
0.68882251	0.50732312	0.75672419	1.00E-04	0.37735769	1.31907807	0.58466408
0.15805953	0.09224456	0.11638287	0.21377282	0.68588296	0.49371661	0.48344746
0.75749454	0.62308934	0.82231892	1.98084141	1.74458993	1.89780604	2.12800524
0.05659228	0.09131215	0.09716619	1.00E-04	0.10868993	1.00E-04	0.30081073
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06877238	1.87592098	2.12499623	2.45700125	2.49395466	2.16211988	2.6917113
1.7789333	1.86382906	2.04303903	1.37515068	1.47265095	1.72684771	1.9198874
0.11525173	0.18440956	0.13510967	0.40896819	0.12392856	0.1984945	0.15727243
0.11481763	0.0692543	1.00E-04	0.11310958	1.00E-04	0.20818106	1.00E-04
0.96079467	1.50759411	1.32009116	1.30620287	1.67363094	1.46768603	1.83835148
0.12861129	0.1256257	0.1882538	0.45267208	0.03643398	0.43097433	0.9855652

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43529836	0.80531287	0.58902666	0.71953519	0.59687536	0.53041166	0.5642308
0.13465846	0.56586867	0.38149372	0.19683926	0.36728033	1.39257151	1.44784726
1.00E-04	1.00E-04	0.02039208	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06141067	0.10052766	0.10702693	0.27087582	0.26679044	1.00E-04
0.03446493	1.00E-04	0.0068762	1.00E-04	1.00E-04	0.04289364	1.00E-04
1.00E-04	0.00648916	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.09074715	0.11721426	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01483895	0.03062605	0.00680362	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29206017	0.39362612	0.5961573	0.62959602	1.00E-04	0.42953619	0.41263159
2.47849789	1.33786779	1.25110313	2.071702	2.25674729	1.87363242	2.03736714
0.15193902	0.35493478	0.20391969	1.00E-04	1.00E-04	0.42582443	0.08314926
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83206904	0.39291405	0.32355689	0.69433412	1.30634968	0.94978042	0.64617126
0.04596064	1.00E-04	1.00E-04	1.00E-04	0.08402882	1.00E-04	1.00E-04
1.00E-04	0.00755653	0.01708945	1.00E-04	0.12483085	1.00E-04	0.08608945
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08979015
2.2888519	2.81379954	2.91779464	0.34928944	0.66816449	1.20037457	1.04957566
1.05591556	0.59807109	0.77411379	1.53570381	2.10527847	1.81176289	1.94563081
0.04018568	0.0863135	0.06310607	0.11454254	0.0997866	0.36979266	0.10961804
0.30175483	0.23693466	0.29174649	0.32607175	0.49914369	0.77745648	0.84997089
1.5903371	1.1215665	1.48415336	1.28160184	2.24569981	2.05783477	1.92393652
1.00E-04	0.02932358	0.00650448	1.00E-04	1.00E-04	0.07108446	1.00E-04
0.21376312	0.04085724	0.07742426	0.21961463	0.31494615	0.2741683	0.42471455
0.16349074	0.01766709	0.01255154	1.00E-04	1.00E-04	0.12535812	0.10435958
0.27260726	0.27656201	0.3831219	1.00E-04	0.24566222	0.67403395	0.57318669
0.29260577	0.22694797	0.35839983	0.18498288	0.21788165	0.47345575	0.92014955
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02944713	0.04435075	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05942257	0.10452512	0.07479721	1.00E-04	1.00E-04	0.05791271	0.27342603
0.313011	0.22622111	0.18400836	1.00E-04	1.00E-04	0.0100239	1.00E-04
0.41000896	0.20492818	0.19702361	1.2847621	0.91738644	0.7343466	0.67627581
0.23657798	0.26619421	0.30676076	1.00E-04	0.73511712	1.00E-04	0.06014666
1.89414314	1.44260431	1.67496108	1.00E-04	0.24649125	0.20067705	0.09389844
2.30834069	1.50085312	1.66993252	0.49358	1.00E-04	1.00E-04	1.00E-04
0.67505439	0.42068634	0.4978108	0.32956272	0.80139455	0.26903811	0.44762235
0.04416908	0.01628293	0.07179342	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42279584	1.4835803	1.71873387	0.95154235	1.83710363	1.69348192	2.19065617
0.17926582	0.0332467	0.06656659	1.00E-04	1.00E-04	0.09868378	1.00E-04
0.8285904	0.46532884	0.81368272	1.28278475	1.82430418	1.61865292	1.51799242
1.00E-04	1.00E-04	0.01584918	1.00E-04	1.00E-04	1.00E-04	0.28416957
0.21388814	0.16271954	0.34116135	1.00E-04	0.06263317	0.5908699	0.71583075
1.00E-04	1.00E-04	0.02644448	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.33142629	0.26358003	0.36154544	0.75202352	0.66235012	1.21373232	1.30139438
0.02619036	0.03979159	0.08414496	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34748361	0.24252236	0.34760589	0.32141553	0.13687047	0.75900554	0.27786171
0.12809679	0.05058077	0.05574551	1.00E-04	1.00E-04	0.05637281	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01774384	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58548848	0.25071709	0.29830959	0.38267584	0.78965298	0.1931462	0.44541783
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07004301	1.00E-04	0.01100188	1.00E-04	0.12622782	1.00E-04	1.00E-04
0.02359151	0.02742602	0.04456848	1.00E-04	0.08772376	0.32664588	1.00E-04
0.0469888	0.03833677	0.06334381	1.00E-04	0.24456997	0.22461674	0.25103023
0.68116707	0.47579528	0.55888886	1.00E-04	1.00E-04	0.17260494	0.05824201
0.4879091	0.24998449	0.24783925	1.05739318	1.47384796	1.18455512	1.13816275
0.55833736	0.46520718	0.45051541	0.19370881	0.27323893	0.69824576	0.47443884
2.83533052	2.42379174	2.4615728	3.374176	3.64922635	3.7251489	3.57709334
0.09578528	0.27035039	0.206747	1.00E-04	0.23976453	0.10615581	0.0546883
0.18947768	0.16124812	0.12331489	0.1140431	0.10053521	0.11047736	1.00E-04
1.05819319	1.01900126	1.34761864	0.79210922	1.46094809	2.00207982	2.34847864
0.04888892	0.0360793	0.1114888	1.00E-04	0.1686009	0.21002757	1.00E-04
1.00E-04	0.01846449	0.00557748	1.00E-04	1.00E-04	0.12329264	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47395039	1.2870699	1.13921866	0.57815003	1.04390607	1.36138444	1.70175123
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32716986	0.14054547	0.25164198	1.00E-04	1.00E-04	1.00E-04	0.14177805
1.00E-04	0.05916318	0.09736249	1.00E-04	1.00E-04	1.00E-04	0.11068392
1.94479605	1.60256907	1.74634018	1.00E-04	0.42843391	0.2695628	0.89344068
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00873365	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00601731	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02749398	0.1636778	0.03997908	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4490968	0.36440463	0.52482765	0.4701989	0.49406837	0.87360417	0.56786511
0.303746	0.23118619	0.34005994	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38080639	0.15129015	0.28762957	0.09859906	0.23014409	0.37422245	0.49557226
0.09747814	0.03023776	1.00E-04	1.00E-04	0.10778825	1.00E-04	1.00E-04
0.10319747	0.08261425	0.08517446	1.00E-04	0.17522539	1.00E-04	0.18587704
2.8435203	2.37063984	2.53205768	1.58314645	2.35516529	2.47330998	2.65090097
0.06486931	0.00713233	0.02485403	1.00E-04	1.00E-04	0.10130853	0.17854765
1.00E-04	0.0297447	1.00E-04	1.00E-04	1.00E-04	0.20122725	1.00E-04
1.77523192	1.59853055	1.718445	2.17386211	2.58358844	2.58654081	2.88750114
0.02759101	0.10767713	0.0631576	0.28117439	1.00E-04	0.13903384	0.23925791
1.47443873	0.80028591	1.4420164	0.15879538	0.21704853	0.68867773	0.35770926

0.6729668	1.26041796	0.8818017	0.62242927	0.58102911	0.75137465	0.54911617
0.28997519	0.33047828	0.17858336	0.49017779	0.695779	0.922891	0.88712841
0.06143862	0.26559983	0.17464359	0.53255131	0.4450241	0.72733774	1.0197528
1.12387728	0.91944388	1.06774972	0.22246712	1.39856847	1.29133479	0.50842641
0.35212113	0.17992327	0.35762813	1.00E-04	0.26865067	0.32309448	0.58043361
0.14768073	0.18367893	0.28015551	0.34328768	0.1079239	0.35215665	0.25503251
1.00E-04	0.01931403	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1766162
2.38950276	2.40152826	2.48904432	2.00828334	2.71470226	3.23064089	3.53042726
1.00E-04	0.02609295	1.00E-04	1.00E-04	0.16395288	1.00E-04	1.00E-04
0.23083917	0.07651643	0.03574555	1.00E-04	0.16326529	0.13887268	0.12548551
2.24641881	2.29205462	2.23714468	1.90638871	2.3090815	2.5780134	2.46638326
0.30100977	0.14353935	0.18539084	0.16783061	1.00E-04	0.46241728	0.27802619
0.03470613	0.09283431	0.09127749	1.00E-04	1.00E-04	0.19395736	0.12308567
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52448549	0.13666536	0.18464054	0.60783116	0.92188657	0.64248353	0.74680498
0.03921619	1.00E-04	0.0209731	1.00E-04	1.00E-04	1.00E-04	0.09672903
0.35252366	0.07010045	0.18177762	1.00E-04	0.34569681	0.05149756	0.34459988
1.00E-04	1.00E-04	0.02154066	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42487141	0.43641183	0.47751111	1.00E-04	1.00E-04	0.10907085	0.01787061
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53795455	0.38243968	0.58358987	2.17739872	1.83743376	2.05002552	1.90157254
0.09978966	0.02020339	0.03670706	0.38244502	1.00E-04	0.08024733	0.58114523
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00343349	0.00655541	1.00E-04	1.00E-04	1.00E-04	0.27391608
1.00E-04	0.01048231	0.02891389	1.00E-04	1.00E-04	0.081398	1.00E-04
0.03011888	0.04481991	0.01930453	1.00E-04	0.1787373	0.08582252	0.15811899
0.06055974	0.01364674	1.00E-04	0.15931407	0.67594877	0.63151279	0.45603785
0.15926147	0.02234247	0.00921569	0.17918894	0.6315155	0.69564606	0.48729864
1.00E-04	0.01705002	0.09830518	0.14344852	0.67570378	0.30713371	0.6146292
0.26537906	0.05314986	0.05724252	1.00E-04	1.00E-04	1.00E-04	0.08403999
0.17358314	0.09933757	0.0615197	1.00E-04	1.00E-04	0.0418843	1.00E-04
1.00E-04	0.04832726	0.0437366	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08599587	0.0808161	0.12235893	0.55672722	0.26450034	1.00E-04	1.00E-04
1.00E-04	0.00730097	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12481951
0.24988128	0.24560764	0.24524648	0.34604405	0.67852174	0.90836711	1.03081141
0.37890571	0.13360332	0.16215357	0.65846397	0.65626302	0.80380859	0.52550502
0.05543595	0.06795248	0.11291219	1.00E-04	0.54538	0.20150453	0.21718133
0.30060173	0.2952669	0.4396356	1.00E-04	0.0301277	0.79396389	0.58947436
2.29661306	2.36021349	2.38918321	1.00157081	2.35720591	2.78596234	2.74369666
1.00E-04	0.02125719	0.03741722	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00744861	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01120576	0.0063472	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02184049	1.00E-04	1.00E-04	1.00E-04	0.14703929	0.21910326
1.00E-04	0.01382113	1.00E-04	1.00E-04	1.00E-04	0.03837972	1.00E-04
0.49480652	0.4175219	0.51795655	1.00E-04	1.00E-04	0.31936987	0.33429642
1.00E-04	0.01907903	0.01822776	1.00E-04	1.00E-04	0.08995664	0.29792608
0.02349537	0.09584176	0.04659704	0.27247248	1.10009946	0.53360103	0.74493107
0.0620422	0.04214242	0.10318188	0.15040627	0.56410808	0.61819053	0.79974688
1.00E-04	0.01102981	0.00768059	1.00E-04	1.00E-04	0.04437808	1.00E-04
0.34491052	0.11028753	0.20748911	1.00E-04	1.00E-04	0.03317975	0.44309147
1.38667976	1.44197404	1.59983837	1.64740732	2.03474101	2.07862225	2.27252224
0.0759351	0.03778451	0.07055984	1.00E-04	0.14166717	1.00E-04	0.06519967
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50416612	0.62139506	0.54340525	1.00E-04	0.52673582	0.35283588	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1258415	0.4847331	0.83794331	0.90487503
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00444802	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18267183	1.00E-04	1.00E-04	1.00E-04
0.18287417	0.03546255	0.02767412	1.00E-04	0.20282373	0.04121127	0.11512576
1.00E-04	1.00E-04	1.00E-04	0.50947116	0.55973715	0.39086318	0.05279952
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00884438	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0776752	0.0076525	0.00913145	1.00E-04	1.00E-04	1.00E-04	0.18243112
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00412053	1.00E-04	0.31545349	0.07740273	0.21697152	0.05615805
1.00E-04	0.05915389	0.02875971	1.00E-04	1.00E-04	0.17357758	0.140603
1.00E-04	1.00E-04	0.00494665	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00528789	0.16962102	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06562629	1.00E-04
1.00E-04	0.03023517	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00494369	1.00E-04	1.00E-04	1.00E-04	0.14604728	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.58696627	1.00E-04	1.00E-04	1.00E-04
0.02783411	0.00581792	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07891048	0.01142378	1.00E-04	1.00E-04	1.00E-04	0.62397887	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.28363763	0.43295373	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00916031	0.06067296	0.5840572	1.00E-04	0.14064003	1.00E-04
1.00E-04	1.00E-04	0.03476349	1.00E-04	1.00E-04	1.00E-04	0.10748125
0.03665908	0.106326	0.20717481	1.00E-04	0.5946941	0.3026592	0.66290133
0.0856183	1.00E-04	0.02927796	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01858079	0.04867674	1.00E-04	1.00E-04	0.0443946	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05727843
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02126204	0.02239382	0.04488007	1.00E-04	1.00E-04	0.0808734	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23228968	0.26558843	0.37727279	1.00E-04	0.24255989	0.35832024	0.04644583
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00635429	0.01242362	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07403155	1.00E-04	1.00E-04	1.00E-04
0.03848231	0.00583569	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.003878	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17666486	0.3933701	0.38333612	0.51708451	0.73173869	1.10507622	0.7010856
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18130438
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1391393	0.06766593	0.0556764	1.00E-04	0.34922613	0.08813878	0.07410824
0.03731775	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37696443	2.32563023	1.32962502	1.22188248	1.06837423	1.56139515	0.57810859
1.00E-04	0.00543338	0.04113345	1.00E-04	1.00E-04	0.08520904	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09310586
1.00E-04	0.0044004	1.00E-04	0.14466779	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04907929
0.03179443	0.02545564	0.04120217	1.00E-04	1.00E-04	0.19460834	0.08016603
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00620345	0.01792627	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06260904	0.05291894	0.14595786	1.00E-04	1.00E-04	0.0789715	0.19149782
0.11282954	0.05191374	0.02996796	1.00E-04	0.11364525	0.44229338	1.00E-04
0.05877907	0.04287129	0.17719236	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03139835	0.01478065	0.26715255	0.08582793	0.40435322	0.34364122
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02586213	0.78029388	0.76955421	1.00E-04	0.28668457	0.5101485	0.61221138
0.10202772	0.10013208	0.03725678	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7568458	1.10161296	1.18428214	1.00E-04	0.11601326	0.24428098	0.4012241
1.00E-04	0.04564044	0.03224195	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01902261	1.00E-04	1.00E-04	0.02539601	0.08144657	0.06617723
1.00E-04	0.01123723	1.00E-04	0.1589679	1.00E-04	1.00E-04	0.05846379
1.00E-04	0.02994625	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15471162	0.18744381	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93274884	3.03070541	3.15596039	1.5285627	1.84472983	2.527754	2.45618329

1.00E-04	1.00E-04	0.00733389	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01065128	0.01549415	1.00E-04	0.09448798	1.00E-04	0.1332602
0.12579052	0.29990689	0.39505202	0.12245313	1.00E-04	0.08252776	0.67568524
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00662775	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03562838	0.0076703	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00746347	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16215254	0.02070614	0.02082069	0.16664524	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02693994	1.00E-04	0.11953152	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00439409	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02645626	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04238181	0.06735726	0.05419207	0.12614504	0.14050578	0.10546896	0.21179551
0.14683252	0.14413386	0.05876673	1.00E-04	1.00E-04	0.28307423	0.13191454
0.31647994	0.30100482	0.3994768	0.83385318	1.10947045	1.29602977	1.15469585
0.08565012	0.0100292	1.00E-04	1.00E-04	0.1336685	1.00E-04	1.00E-04
1.00E-04	0.0133164	0.01393144	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1261091	0.21439702	0.39617471	1.00E-04	0.36074554	0.63242738	0.73638005
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06238165	1.00E-04
0.30694689	0.22645733	0.32212582	0.10900202	0.61767424	0.583128	0.55546368
0.4093229	0.44775899	0.54913469	0.52157014	0.59691686	0.99080201	0.63170306
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02520977	0.02695215	0.01277681	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13937295	0.12486478	0.21320204	1.36973636	0.93715136	1.46894919	1.44748005
1.00E-04	0.00566938	1.00E-04	0.07371875	0.3656311	0.21141951	0.15495825
0.42982393	0.46196671	0.56828334	1.24053623	0.5140891	0.53760332	0.92827169
0.03711236	0.12392405	0.35626334	0.08292943	1.03657409	0.30990099	0.87025322
1.00E-04	0.01667556	0.00739911	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02041777	0.06684078	0.04446176	1.00E-04	0.11039706	0.07619543	0.37785152
0.26388027	0.75427821	0.32531308	1.00E-04	1.00E-04	0.11886399	0.25470163
0.29125918	0.1646144	0.13709515	1.34292626	1.04680816	0.90179387	1.1096334
0.35697751	0.44021039	0.44380528	0.09859906	0.1800502	1.17793168	0.65120507
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23309727	0.33488039	1.00E-04
1.32215335	0.98506847	0.66550538	0.14137043	0.67317686	0.47196547	0.29392378
1.88076513	1.97003972	1.73687513	0.96091159	0.81508671	0.84435264	0.33867191
0.45113999	0.40569342	0.45353518	1.00E-04	0.15635124	0.25691216	0.35289403
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01132498	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15141139	0.24102437	0.30195678	1.00E-04	1.00E-04	0.04270165	0.10341812
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.14750304	0.10675581	0.24534038	0.49792023	0.40338443	0.32533994	0.34358051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19954795	0.06320711	0.05729698	0.34586682	0.5811171	0.04397714	0.04582509
0.14983008	0.04460489	0.0543489	1.00E-04	0.31761262	0.35870902	0.21667449
0.20523867	0.11021346	0.03535419	0.46271523	1.67008243	1.82236025	1.81273944
0.45797715	0.26344397	0.29051427	1.00E-04	0.16840196	0.26250908	0.2870334
0.23772983	0.28304143	0.42648298	0.90918671	0.38639006	0.67033927	0.85799064
0.06747608	0.01641461	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08961164	0.01660925	0.03325123	1.00E-04	1.00E-04	0.10419776	1.00E-04
0.01798619	0.06673264	0.08330284	0.47587119	0.12777062	0.02744243	1.00E-04
0.93129149	0.60876141	0.80271142	0.6121169	0.89750204	1.15478313	1.17329093
0.11569072	0.07728228	0.11986438	1.00E-04	1.00E-04	0.44229791	0.36134486
1.00E-04	0.02498725	0.05107683	0.1352826	0.17394384	1.00E-04	1.00E-04
0.10445645	0.02925504	0.18935142	1.00E-04	1.00E-04	0.08090084	1.00E-04
0.12920097	0.08844674	0.08241157	0.12786338	0.32964801	0.68861139	0.40150799
1.00E-04	0.00846682	0.03252502	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07907854	1.09257048	1.26355829	0.5538831	0.35885262	0.63570276	0.83847844
0.56066283	0.47321418	0.63812779	0.22001516	0.17493897	0.74019362	1.26863022
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42921855	0.34570727	0.25247706	0.63171344	0.34412514	0.53028783	0.60168657
0.03025123	1.00E-04	0.01976015	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00800072	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.95292217	2.45314026	2.79808453	2.8578595	3.39268128	3.92230999	3.84725933
0.02269758	0.05018557	0.0317819	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07834019	0.03027306	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12864308
1.00E-04	0.00650037	0.02630858	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21443185	1.05127438	1.22089727	1.00E-04	0.47740018	0.10149936	0.09643052
2.14581488	1.72118324	1.80884811	0.68016924	0.57212326	0.65323978	0.68914992
0.97277891	0.89892038	0.99491404	1.26215646	1.52052656	1.2675727	1.38209454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43624917	0.46678101	0.49651424	1.71218455	1.70522903	1.67808393	1.36777493
1.19662994	1.31206517	1.4411063	2.37577203	2.33131247	2.2224733	2.73808207
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26893071	1.00628109	1.03155914	1.48400542	1.94107399	2.35788648	2.25828711
1.00E-04	0.03507023	0.09007527	1.00E-04	1.00E-04	1.00E-04	0.1234221
1.08883237	0.4614033	0.53140438	0.42079313	1.00069024	1.05456128	0.50659442
0.29354833	0.14069408	0.11229867	0.18687438	0.34436444	0.0808734	0.19222561
1.00E-04	1.00E-04	0.00320064	1.00E-04	1.00E-04	1.00E-04	0.099595
1.30388626	0.93354312	1.00845569	0.73288612	1.85374923	1.27740671	1.43181336
0.06011393	0.16731818	0.04009108	1.00E-04	1.00E-04	0.24701911	0.52237321
0.01476815	0.0520565	0.11346705	1.00E-04	0.29806567	0.20437419	0.11068392

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05101778	0.02121924	0.00857587	1.00E-04	0.17164248	0.10912079	0.12670242
0.5980534	0.37649135	0.38010417	0.97179228	0.63933612	0.65980311	0.47434791
1.00E-04	0.00838895	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00339527	0.03364792	0.4078277	0.32900403	0.59303025	0.38241322
1.00E-04	0.02129257	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18807377	0.17855676	0.30298955	0.71724625	0.99783705	0.92468295	1.03338009
1.00E-04	0.00449897	0.0297332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02603954	0.01042772	0.01582944	1.00E-04	1.00E-04	0.12103777	0.25860875
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06035146	0.08268925	0.00619875	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01922784	0.0057912	0.03908432	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50348797	3.26754751	2.87214672	2.72380051	1.94621147	2.44732034	2.09016223
0.69876779	0.80320456	0.77168326	0.25047667	0.27696768	0.43583742	0.17759368
1.00E-04	1.00E-04	0.00815218	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.92574081	3.28641824	3.29906716	4.11909957	4.40611006	4.31955196	4.12185685
1.36006877	0.8252968	1.18643811	0.90696439	1.53610817	1.20207216	1.43018081
0.30769167	0.35174938	0.1258852	1.00E-04	1.00E-04	1.00E-04	0.23889783
0.23446279	0.09053563	0.23905809	0.57922642	0.83039051	0.14163617	0.6750208
0.03633863	0.0823785	0.06470688	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00839444	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29949318	0.14381835	0.24418295	0.1043435	0.38164175	0.03761113	1.00E-04
1.6194602	1.30196913	1.38407	1.56721164	2.66070208	2.91233754	3.04790552
1.78211728	1.42403267	1.43450284	1.67267863	1.94997046	2.59252126	2.65477053
0.58468113	0.62089097	0.70577429	1.09960355	0.47195749	0.57041216	0.579299
1.00E-04	0.03492876	0.08947505	1.00E-04	0.03788961	1.00E-04	1.00E-04
0.09777025	0.2826083	0.37527344	1.00E-04	1.00E-04	0.11699633	1.00E-04
1.00E-04	0.0343272	0.04488373	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72719585	0.3525289	0.28661549	0.95159034	1.51827431	1.33332324	1.58717846
0.66634672	0.31823101	0.40813529	0.45227557	1.38402351	0.81954654	0.90746524
1.1727835	0.97624344	0.8820345	0.68330684	0.13169681	0.63795154	0.37104879
0.80426038	0.78707273	1.02442395	0.34602977	1.00E-04	0.44355137	1.05258577
0.03498826	0.01234135	0.01410421	1.00E-04	1.00E-04	0.04841374	1.00E-04
1.31223006	1.0942272	1.51765529	0.62809624	1.25179363	1.64105188	1.9890085
0.02646689	1.00E-04	0.0117485	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84880166	0.59977595	0.70247546	0.36205666	0.59194305	0.56232107	0.31407272
1.07891064	0.61172637	0.88827827	0.87570571	0.40603172	0.43255804	0.33061401
1.18546646	1.10561549	1.17982325	0.13256333	0.6214874	0.83756979	0.96427072
0.06067025	0.1664606	0.19428727	0.68390756	0.14741914	0.59563466	0.48880647
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41857792	0.12036658	0.17212357	0.22713913	0.09213335	0.50949432	0.09588812
0.0084327	0.04023873	0.01735157	0.18880508	0.21413295	1.00E-04	1.00E-04
1.71321591	2.103227	2.00810313	0.48810681	0.62491558	0.95859918	1.10803895

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12553822	0.04349397	0.03779401	1.00E-04	0.19655204	0.33833894	1.00E-04
1.00E-04	1.00E-04	0.00615898	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00914156	0.01033904	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58412161	0.66759648	0.38295514	1.00E-04	1.00E-04	0.20468218	0.08666006
1.13443004	0.71456734	0.53765634	0.16271586	1.00E-04	0.18859483	0.51697093
1.00E-04	0.01401451	0.00350888	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02182959	0.0108252	0.03479551	0.18294609	1.00E-04	1.00E-04	1.00E-04
0.21424618	0.27310002	0.22567103	0.19213023	0.09317418	0.13044615	0.27483402
1.00E-04	0.00773644	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49014383	0.2900945	0.55984157	1.00E-04	0.29832716	0.16682257	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04074911	0.01642481	0.01682966	0.1843299	1.00E-04	1.00E-04	0.23697652
0.36916024	0.13897293	0.11175523	1.00E-04	1.00E-04	0.19743726	0.24588163
1.26449925	1.00347475	1.13524547	1.2121552	1.58906586	2.18754071	1.95920831
1.45069244	1.51836513	2.13412071	2.17188933	2.87266979	3.46026593	3.89035417
0.2938881	0.23484031	0.24762236	0.5253327	0.4714904	0.31541134	0.89102672
0.44271793	0.26865986	0.22500189	0.35507712	0.53166275	0.485211	0.46076708
0.13865711	0.05402631	0.23251721	1.00E-04	0.47282353	0.22356826	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01615888	0.01383638	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04431076	0.07622235	0.12527369	0.41181779	0.37925332	0.15925727	0.15826098
0.32472368	0.17418917	0.25637933	0.57520697	0.36824661	0.6303158	1.20066782
0.79120268	0.82315887	0.9669488	0.99102462	1.34908755	1.70022458	1.72132351
0.18293608	0.24987347	0.28812697	0.47385555	0.78203138	0.78050493	1.32008615
0.64397245	0.51011587	0.56048895	1.76326027	1.08976146	1.2402411	1.51853964
0.6641757	0.53671025	0.79218481	0.89542759	1.23654579	1.8340741	2.07316023
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15081348
1.67170697	1.81915651	1.90038406	1.03861896	1.0911985	1.18671046	1.70183068
1.00E-04	0.02072599	0.03066326	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01861239	0.19484498	0.15510562	0.19625471	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17706788	0.05380183	0.15107639	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02554487	1.00E-04	0.03190148	1.00E-04	0.23057667	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00953745	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05167609	1.00E-04
1.00E-04	1.00E-04	0.01052209	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02322696	1.00E-04	1.00E-04	0.09614017	0.0653028	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.27902016	1.00E-04	1.00E-04	1.00E-04
0.02733915	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06932133
1.00E-04	0.00276369	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.0245248	1.00E-04	1.00E-04	1.00E-04	0.29330654	0.05123206	1.00E-04
0.27312943	0.1550055	0.14264804	0.4452276	0.11099725	0.32990932	0.24049737
0.03353277	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14064713
1.00E-04	1.00E-04	0.01010094	1.00E-04	1.00E-04	1.00E-04	0.12670242
0.11448284	0.01509932	0.06466666	1.00E-04	1.00E-04	0.04872032	0.05582956
0.0891933	0.03148165	0.0539225	1.00E-04	0.29660942	0.14908644	0.17801605
1.00E-04	1.00E-04	0.00887755	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43346693	0.29902435	0.21493306	0.3177377	0.49075103	0.27229941	0.51875045
1.00E-04	0.02369435	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00788438	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14616125	0.02640902	0.10067218	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78062408	0.63399091	0.71157827	0.25011123	0.63787246	0.8669031	1.2001937
1.00E-04	1.00E-04	0.00719966	0.15773406	1.00E-04	1.00E-04	1.00E-04
0.09449802	0.04389144	0.07399551	0.22503858	0.48839271	0.25751456	0.09845591
0.31514656	0.27511689	0.33139528	0.38082411	0.90347318	0.77491579	0.43245048
0.47469176	0.25906431	0.28364864	1.00E-04	0.2904452	0.45047675	0.64700594
0.40693255	0.1778551	0.30953949	0.48888572	0.18049465	0.37065693	0.51151102
0.18304977	0.34096751	0.41862705	0.28259269	0.12198876	0.35178151	0.34350399
0.20618731	0.11309612	0.1240662	0.38529401	0.66763587	0.10763934	0.07776456
0.05055574	0.02846234	0.06852801	1.00E-04	1.00E-04	0.14774042	1.00E-04
0.03374376	0.00902642	0.00706808	1.00E-04	0.16807145	0.21033654	0.55916716
1.00E-04	1.00E-04	0.01424513	1.00E-04	1.00E-04	0.18001817	0.16901805
1.00E-04	0.004827	0.01257036	1.00E-04	1.00E-04	1.00E-04	0.10269587
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0036303	0.03509386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30054735	0.00942708	0.14090984	0.40464086	0.61995216	0.21897551	0.09167911
0.76925444	0.84713173	0.77432851	1.04545867	1.20425246	1.18818436	0.94988333
1.00E-04	0.0121186	0.00582377	1.00E-04	1.00E-04	0.03759335	1.00E-04
0.05207507	0.02952947	1.00E-04	1.00E-04	0.40578468	1.00E-04	1.00E-04
0.28396306	0.16735072	0.22085717	1.00E-04	0.25680019	0.07580782	0.33502865
0.14830033	0.22485202	0.34659284	0.58044526	1.01446272	0.70445188	0.41728959
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03411567	0.00601731	0.04700956	1.00E-04	1.00E-04	0.13981752	0.06044523
1.00E-04	0.02544465	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09162956	0.06130125	0.10133942	0.14432545	0.18665582	0.1108465	0.0951899
0.23212596	0.21868524	0.21206849	1.00E-04	0.52985302	0.36643385	0.24301917
1.00E-04	0.0082092	0.00656168	0.15931407	0.51041999	0.24855846	0.6939223
0.06154771	0.01940806	0.04420684	1.00E-04	0.51287183	0.42538212	0.36589916

0.14344819	0.17231164	0.32750782	1.00E-04	0.17161284	0.29817339	0.41900854
1.05216614	0.65325917	0.83285262	0.65096915	0.52965435	1.01966827	0.87574112
0.11411144	0.02669355	0.07451651	1.00E-04	1.00E-04	0.13701959	0.22331689
0.92527313	0.69565395	0.64994295	0.51380388	0.17615164	0.85361437	0.68732882
1.6647451	2.04103576	2.02765816	1.00E-04	0.41693787	0.70749895	0.71980819
0.59137872	0.46144772	0.68993484	0.44417144	1.02484207	0.61991679	1.10841169
0.44665093	0.17030347	0.23182199	0.1591408	0.67745538	0.47691472	0.58915664
0.16964318	0.05985488	0.13634809	0.91757981	1.0661521	1.48732141	1.59014151
0.05201354	0.03084407	0.03098899	1.00E-04	1.00E-04	0.06284194	1.00E-04
1.00E-04	1.00E-04	0.00647778	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04969199	0.03297393	0.07267667	1.00E-04	0.09939342	1.00E-04	0.15270789
0.31085681	0.38482661	0.36602981	1.00E-04	1.00E-04	0.02582331	0.05967908
0.67904928	0.44597369	0.48555689	0.13626473	0.67874	0.98012772	0.47239483
0.50699262	0.4484958	0.70215031	0.2430736	0.75665351	0.57351295	0.61628772
0.04803619	0.02220842	0.09827206	1.00E-04	1.00E-04	0.06833438	1.00E-04
1.00E-04	0.00818268	0.0390964	0.2269273	1.00E-04	0.14380471	1.00E-04
0.06215818	0.05884004	0.110396	0.12944589	0.14838934	0.13616684	0.2569191
0.65262004	0.40150067	0.52196735	0.17632823	0.68564226	0.05388631	0.65763211
0.74386088	0.33949824	0.4994067	1.09388427	0.96733144	1.63656987	1.76289001
0.03128757	0.01691214	0.01015774	1.00E-04	0.08574215	1.00E-04	0.09948271
1.00E-04	0.02803614	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37935303	0.38300467	0.44598601	0.65446227	0.20398385	0.65806595	0.63520802
0.48779757	0.3973977	0.50588324	1.00E-04	1.00E-04	1.00E-04	0.12968357
0.12282469	0.07557582	0.09504138	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01403223	0.02084557	0.00804753	1.00E-04	0.13275752	1.00E-04	1.00E-04
1.03605289	0.79760248	0.98252373	0.81129177	1.33020048	1.62628442	1.7533076
1.09857885	0.41938738	0.66097843	3.74886095	3.9122782	3.88216898	4.10996816
1.00E-04	1.00E-04	0.01658679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.026361	0.03534751	1.00E-04	1.00E-04	1.00E-04	0.1438813	0.17909225
0.10820369	0.10864131	0.17713166	1.00E-04	1.00E-04	0.34333431	0.44631333
0.05825307	0.10273692	0.08171043	1.00E-04	0.15955479	1.00E-04	0.2455019
1.00E-04	1.00E-04	0.05757923	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57920091	0.85591438	0.71229773	0.1364171	0.63595168	0.37387363	0.35972558
0.32439786	0.36246999	0.33022687	1.00E-04	0.24248699	0.17375528	0.51111046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03254585	1.00E-04	1.00E-04	1.00E-04	0.07068125
2.25015335	1.76589756	1.77688951	0.23420891	0.87342455	0.23658516	0.21910889
1.00E-04	1.00E-04	0.00589884	1.00E-04	1.00E-04	1.00E-04	0.10084715
1.00E-04	0.05384141	0.01785758	1.00E-04	0.07020756	1.00E-04	0.10305573
1.00E-04	0.02377167	0.04663152	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10018871

0.30609752	0.50823981	0.35846242	0.39402693	0.16478243	0.55482351	0.75282429
0.20398968	0.02584156	0.07513353	0.1731961	0.22651518	0.16736233	0.14223553
0.23662702	0.03135782	0.0169428	1.00E-04	1.00E-04	1.00E-04	0.36781852
0.17993737	0.4624042	0.26273697	1.00E-04	1.00E-04	0.09381341	0.16054523
0.47980844	0.23012339	0.36178893	1.28904103	0.8692708	0.61096062	0.81034295
0.25348033	0.06637927	0.11933209	1.00E-04	0.34961418	0.23459388	0.09568018
2.86484958	3.0360887	1.29685907	0.09757466	0.25820085	1.21843528	0.56866643
0.49061286	0.24699013	0.37946706	0.33697388	0.74909692	0.51290905	0.61534983
2.3393839	2.00395914	2.41492906	1.34082594	2.23154206	2.22765375	2.27969968
0.93802097	1.43179565	1.19797577	0.17057044	0.3642227	0.88115406	0.41179905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23799732	0.30510278
0.10508076	0.00738656	1.00E-04	1.00E-04	1.00E-04	0.18937879	1.00E-04
1.00E-04	0.0386867	0.03265578	0.2232494	1.00E-04	0.53849199	1.00E-04
1.00E-04	1.00E-04	0.02984745	0.45202605	0.6750094	0.8037859	1.22571335
0.38438354	0.10150453	0.0487504	2.26692453	1.92623763	2.44646422	2.43772921
0.20747814	0.03064038	0.04595949	1.00E-04	0.40173608	0.12549938	0.14439045
1.00E-04	0.04353895	0.02510404	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04888892	0.05912546	0.0230015	0.07490941	0.20376137	1.00E-04	1.00E-04
1.00E-04	0.00639818	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3155569	1.4764422	1.40850428	0.62940449	0.62687185	0.80991485	0.34412285
1.00E-04	0.0244338	0.01646102	1.00E-04	0.03184936	1.00E-04	1.00E-04
0.10844717	0.0932253	0.10851749	1.00E-04	0.42405417	0.36177949	0.38926997
1.00E-04	0.00648035	0.01768372	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76683529	0.60662158	0.65679452	1.79546646	1.69856068	1.86383822	1.78764005
0.15152919	0.01041034	0.07659697	1.00E-04	1.00E-04	0.09491156	0.04772625
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68058904	0.62653769	0.9272342	0.44543439	1.26903373	1.50358132	1.62709575
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27240555	0.25891629	0.32287194	0.69136999	0.83259019	0.7408301	0.88212784
1.15378252	0.92346663	0.98245842	1.00E-04	1.00E-04	0.15328698	0.08960781
2.37807354	2.16532892	2.63903718	1.77840291	2.63150085	3.09369796	2.97047117
0.03586391	0.06673687	0.0522181	0.14994398	0.08396303	0.3460249	0.13320987
1.00E-04	0.00515858	0.00290717	1.00E-04	1.00E-04	0.08330355	0.16549441
0.16389388	0.04323003	0.0121435	0.73694015	0.25213647	0.32243596	0.57817874
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09205274	1.00E-04
0.03211544	0.09265204	0.14023749	0.28410593	0.23952467	0.13188032	1.00E-04
0.22635334	0.14154455	0.12677872	0.58615399	0.65653766	0.17467655	0.57468448
2.1872801	2.1664063	1.79766879	1.81338504	2.48959634	2.2934138	1.99555243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13881659	0.178939	0.28435237	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00931498	0.02444232	1.00E-04	1.00E-04	0.03361934	1.00E-04
0.45315198	0.21621477	0.36447757	0.55123149	0.92418069	0.72471767	1.13778524
0.064082	0.07367911	0.03581904	1.00E-04	1.00E-04	0.41452266	0.27661016

1.00E-04	0.00629181	0.0070801	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02535947	0.03671433	0.07500741	0.50858597	0.16831547	0.25800479	0.47265901
1.00E-04	0.02330015	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04596064	0.02503187	0.01456623	0.17189341	0.93824623	1.30342498	1.38679688
0.03398368	0.05320628	0.02815557	0.23210325	0.08624211	1.00E-04	0.14183507
0.74079351	0.44066935	0.50295714	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11863499	0.03582239	0.0855358	1.00E-04	1.00E-04	0.13580376	0.24253079
1.00E-04	0.04272958	0.10372849	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2368334	0.16853002	0.15764953	0.72531227	0.85202685	0.94222841	0.69066119
0.24078891	0.03254867	0.00744445	1.00E-04	1.00E-04	0.04608444	1.00E-04
1.00E-04	0.02871228	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89707732	0.85751074	0.87502309	1.972038	1.27707789	1.76311836	1.88614279
0.2358528	0.07351753	0.13852541	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16479432	0.04743407	0.116993	1.00E-04	1.00E-04	0.12140783	0.29435942
0.03828425	0.07364061	0.0728064	0.26291243	0.06954744	0.31331191	0.29315639
1.00E-04	0.01727282	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19543012	1.02517302	1.30846487	1.62429654	1.91050692	2.30429247	2.40117715
0.01869705	0.0647803	0.07765909	1.00E-04	1.00E-04	0.08817138	1.00E-04
2.1701833	1.7938486	1.91709601	2.67434738	2.71626052	2.63543977	2.59376468
1.91889912	2.28788173	2.03326724	0.50050796	0.62977183	0.64703896	1.0105659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67682124	1.00298495	1.1214412	1.77001621	1.84389768	1.64419778	1.22814319
0.23807695	0.20692175	0.23083961	0.63711031	0.92819473	0.92928383	0.67423178
0.2819744	0.01741009	0.0455515	1.27585219	1.40133189	1.46659576	1.4440696
0.07812526	0.13154016	0.25940222	1.00E-04	0.12414391	0.15900311	0.07686722
0.41246619	0.51914314	0.64943904	0.23435933	0.0734075	0.22081763	0.69032091
0.01804036	0.0415353	0.05963752	0.6115404	1.00E-04	0.04362774	0.08708764
0.05856922	0.06417574	0.06097661	1.02039044	1.54830436	1.41016833	1.33935865
1.00E-04	0.0208209	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14200642
0.10525924	1.00E-04	1.00E-04	1.00E-04	0.78163728	0.26776269	0.06519967
0.08321509	0.23381489	0.19315645	0.09286225	1.00E-04	0.27567093	0.38105632
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37787892	1.07395955	1.02582556	1.3724654	1.27512925	1.22048161	0.91556318
0.08873338	0.14226834	0.11237142	1.00E-04	1.00E-04	1.00E-04	0.29573956
0.13727377	0.11659718	0.05467544	1.00E-04	1.00E-04	0.12145606	1.00E-04
0.34949139	0.44310848	0.50063564	0.36963753	1.00E-04	0.20555517	0.69675184
0.31435504	0.2948744	0.7199372	0.12356905	0.24769089	0.83556159	1.13747472
0.23560761	0.16687581	0.31776186	0.7641233	1.19936901	1.89715975	1.47756922
2.14035733	2.5267231	2.47986944	0.89499707	1.93718875	2.1247203	1.8231309
0.26111794	0.16515415	0.2128219	0.1160307	0.1415496	0.03902014	1.00E-04
1.00E-04	0.00640677	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.02777377	0.0240081	0.00714607	1.00E-04	0.20924461	0.17987923	0.16816197
0.01973124	0.05872171	0.07988466	0.12614504	1.00E-04	0.10648784	0.23983498
1.51504569	0.50469196	0.60953813	1.00543599	1.66802625	0.92797883	1.0543904
4.20864121	2.5059788	2.92060002	3.22616774	3.98629638	3.44365977	3.55509111
2.05210673	0.71055816	1.06873833	1.14438617	1.75812916	1.50474485	1.3656316
1.61628071	0.4800446	0.75507377	0.70703947	1.77820029	1.31421219	1.18594338
1.00E-04	0.05953798	0.03333219	1.00E-04	1.00E-04	0.08032844	1.00E-04
0.45894533	0.19094737	0.2166174	1.00E-04	1.00E-04	1.00E-04	0.17387744
1.64649197	0.82263074	1.14092602	1.20163639	1.1387696	0.72800575	0.51652504
0.04104793	0.07149548	0.12755043	1.00E-04	1.00E-04	1.00E-04	1.00E-04
8.73504992	8.34278684	8.93868079	9.7685074	8.18512325	8.67410569	8.79563047
1.00E-04	0.00369988	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3492347	0.36036391	0.39066126	0.73769201	0.3225789	0.67130128	0.40130718
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00263654	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01264526	1.00E-04	1.00E-04	1.00E-04	0.02813179	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13212642	0.10101675	0.25588055	0.53620345	0.85346726	1.44768136	0.91160581
1.00E-04	0.01638837	0.11577937	1.00E-04	0.15698159	0.19172314	0.1053633
1.00E-04	0.01652719	0.01410319	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02474025	0.00558974	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01153899	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96802884	0.53409349	0.54305385	0.63776148	1.28934435	1.25369468	0.56932171
0.79360762	0.2709228	0.20821086	0.93595348	0.55113664	0.62516599	0.76434255
0.02001725	0.12703052	0.12234701	1.00E-04	1.00E-04	0.41012923	0.09881425
0.06995624	0.07676731	0.19048267	1.00E-04	0.10445351	1.00E-04	1.00E-04
0.15662559	0.0264355	0.06495968	0.29498732	0.14641153	0.24209003	0.33253422
0.15887814	0.04067152	0.0136584	0.24399891	0.09313372	1.00E-04	1.00E-04
1.00E-04	0.01003655	0.00487706	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00703452	0.01321746	1.00E-04	0.19440844	0.03536913	1.00E-04
0.13431214	0.14206332	0.14861364	0.18582929	1.00E-04	0.1261655	0.10119414
0.1571756	0.16683878	0.14767377	0.14344852	0.35304845	0.51583376	0.3376181
1.00E-04	1.00E-04	0.01136529	1.00E-04	1.00E-04	1.00E-04	0.09594025
0.02597209	0.04512189	0.02912245	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00547014	1.00E-04	1.00E-04	1.00E-04	0.28075185
0.03148191	0.00795254	1.00E-04	1.00E-04	1.00E-04	0.15498335	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17231267	1.00E-04
1.00E-04	0.00935922	0.03286858	0.12614504	1.00E-04	1.00E-04	0.05621169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.19652166	0.07968902	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.00788438	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00699461	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07378765	0.21853909	0.14143493	1.00E-04	0.03122142	0.24347111	0.09203768
1.00E-04	1.00E-04	0.01135683	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09399098	1.00E-04	1.00E-04
1.00E-04	0.04057776	0.00697968	1.00E-04	0.15973332	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01127013	1.00E-04	0.09117363	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02757617	0.00394605	1.00E-04	1.00E-04	1.00E-04	0.06829524	1.00E-04
1.00E-04	0.08026545	0.02043144	1.00E-04	1.00E-04	0.05524314	1.00E-04
1.00E-04	0.00494822	0.03607434	1.00E-04	1.00E-04	0.13651054	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07951602
1.00E-04	1.00E-04	0.02990159	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02041777	1.00E-04	0.00566213	1.00E-04	1.00E-04	1.00E-04	0.2115671
0.05946786	0.08019404	0.1485098	0.2881832	0.39739297	0.02999613	1.00E-04
0.02053595	0.06383001	0.02948244	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.69122099	2.63420501	1.72940499	0.80533975	0.86470775	1.41416751	0.88605018
1.00E-04	0.12300761	0.05007644	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.776339	2.19002153	1.27375965	1.78148413	1.74971652	1.50037587	1.30168264
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35036591	0.19364908	0.20004961	1.00E-04	0.25786385	0.68161914	0.27362228
1.00E-04	0.00516588	1.00E-04	1.00E-04	1.00E-04	0.13030619	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00785807	0.04420101	1.00E-04	0.11157497	0.16938297	1.00E-04
1.00E-04	0.01962066	0.00623931	1.00E-04	1.00E-04	1.00E-04	0.0762365
1.86842172	1.48783271	1.66385505	1.78816033	1.59703259	2.54460613	2.30230424
0.09713477	0.06069463	0.09668896	1.00E-04	1.00E-04	1.00E-04	0.07510134
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14489427	0.08365028	0.14588306	0.32988733	0.81812302	0.2358137	0.57496755
1.00E-04	0.05966948	0.02820577	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01161101	0.03981649	1.00E-04	1.00E-04	0.17123429	0.11320509
0.1632718	0.10315809	0.24816677	0.15889884	0.38261002	0.081398	0.36229473
0.3938903	0.06468295	0.19884076	0.1120025	0.79338721	0.8634783	0.92671035
1.01964222	0.97586024	1.01768494	1.00E-04	1.00E-04	0.11903348	0.22393532
0.28077593	0.11738553	0.21461158	1.00E-04	0.20473677	1.00E-04	0.21210052
0.48359312	0.48662636	0.49514103	1.03828327	0.53528805	0.20297698	0.33454212
1.00E-04	0.03919519	1.00E-04	0.1258415	1.00E-04	1.00E-04	1.00E-04
0.27271378	0.11119053	0.16332165	0.58048655	0.16637352	0.20148189	1.00E-04
0.08036868	0.09817234	0.04629368	1.00E-04	0.18595959	0.14955337	0.3287726
1.00E-04	1.00E-04	0.00732998	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03474273	0.01775012	0.01113845	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.0087391	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77303344	2.08339006	2.01866391	1.41795072	1.73409938	2.10904773	1.99359903
3.24882297	2.97717024	2.963155	3.12277892	3.45095066	3.93270853	3.89039332
0.22469416	0.08524822	0.0903447	0.16521491	0.02682968	0.24509492	0.40279614
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12134599	1.00E-04
1.00E-04	0.00673162	0.00858552	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00530815	0.02963441	1.00E-04	1.00E-04	0.08022033	0.13315958
2.03808793	2.31556097	2.07022058	1.43047747	2.1432791	2.98755564	2.90941661
0.75029228	0.36764248	0.36227544	0.73853071	1.1933652	1.26138842	1.1552465
0.48570871	0.18387111	0.24035444	0.51750498	0.88252731	1.17079169	1.36648295
1.44725817	0.73006926	0.93036998	1.15314589	1.68099875	1.34274827	1.3840718
1.00E-04	0.0090952	0.02598124	1.00E-04	1.00E-04	1.00E-04	0.07358311
0.02418403	0.03074044	0.02907384	1.00E-04	1.00E-04	0.04934529	1.00E-04
0.04080434	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37309657	0.65110768	0.76769888	1.22715772	1.65631278	1.13343503	1.23674059
3.00603934	2.78561869	3.18391008	3.88446617	2.55650989	2.5072144	2.87270286
1.00E-04	0.01124246	0.00286262	1.00E-04	1.00E-04	0.12419242	1.00E-04
0.05932745	0.00749519	0.04851134	1.00E-04	0.27966971	1.00E-04	0.19903076
1.00E-04	1.00E-04	0.03114328	1.00E-04	1.00E-04	0.10857393	1.00E-04
0.06150048	0.00819078	1.00E-04	1.00E-04	1.00E-04	0.08418602	1.00E-04
0.11077216	0.09693371	0.10918674	0.19969015	1.00E-04	1.00E-04	0.12661147
1.00E-04	0.01826979	0.0680954	1.00E-04	1.00E-04	1.00E-04	0.30166816
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75604062	0.6622273	0.43142696	1.13099837	0.97615994	1.50548312	1.68879156
0.87718964	1.00286614	0.8957067	1.00E-04	0.16135827	1.00E-04	0.01787061
1.00E-04	0.01010513	0.02457102	0.17800226	0.4663987	1.00E-04	0.17711148
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27790123	0.11782695	0.16105135	0.63286896	0.69523209	0.43094631	0.76256544
0.07066643	0.03422835	0.04571564	1.00E-04	0.07637604	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30042273	0.29081169	0.30736026	1.32934163	1.09574192	0.98032035	1.05286399
0.04051115	0.12523533	0.20905109	0.40630565	0.25674314	0.90230544	0.37641706
0.06020511	0.02724	0.00556865	1.00E-04	0.1158252	0.09065251	0.15331394
1.00E-04	0.00572349	1.00E-04	0.114704	0.66810857	0.67571317	1.08475652
0.76683604	0.95927877	0.89928997	1.00E-04	0.14078277	0.72539293	0.45420234
0.87566447	0.65981374	0.88176584	0.40649436	0.68282688	1.01377154	0.97613954
1.04096691	0.63514943	0.77831738	0.78428362	1.34232849	0.94548155	1.0090522
0.59366929	0.28452159	0.25701227	0.72054362	0.55784747	0.23378711	0.17320148
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02621864	0.0112257	0.03547575	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58460814	1.58031105	1.71853636	1.29054998	1.52969005	2.08861426	2.25756198

1.10659653	1.54519119	0.91678311	0.75502275	0.69610456	0.65551206	1.02348343
0.56710214	0.19730132	0.45103932	1.00E-04	0.25647518	1.00E-04	0.46674709
0.12947697	0.12606337	0.0797283	1.00E-04	1.00E-04	1.00E-04	0.13986618
1.86834781	1.71746141	1.74268582	1.0056683	1.38127324	1.22797158	1.30016973
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.026131	1.00E-04	0.01187862	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1992144	0.15686051	0.21517114	1.00E-04	1.00E-04	0.11359413	1.00E-04
0.10049561	0.04331943	0.06752192	1.00E-04	0.18707987	1.00E-04	1.00E-04
0.61180119	0.37045413	0.48925202	0.40157784	1.00E-04	0.05380974	0.28511147
1.10834763	0.87670172	0.77287756	1.1841712	1.18163412	1.05045261	1.17511547
1.05776716	0.74887452	0.86602708	0.53188327	1.27894072	1.50963784	1.08774013
1.07082075	0.70291873	0.90458543	1.58257859	1.42434973	1.87823061	1.42156135
0.15014403	0.14744949	0.09399469	1.00E-04	1.00E-04	0.0785552	1.00E-04
0.13654116	0.13841512	0.16088401	0.1258415	0.68610643	0.52383491	1.07750936
0.27700171	0.14194503	0.25303149	0.12575505	0.51037722	0.45858851	0.43601319
0.88225293	0.56615727	0.90640365	2.01309996	2.33833885	2.09861484	2.61753532
1.15284113	1.28402103	1.36023018	0.86174795	0.78549413	1.74419031	1.72162614
1.00E-04	0.00713192	0.01323825	1.00E-04	0.0877417	1.00E-04	0.11106714
1.00E-04	0.02212095	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00698643	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37345571	1.05685605	1.60671619	0.39039981	1.5339951	1.4489034	1.57533701
0.1011591	0.01672306	0.05025779	1.00E-04	0.40731088	1.00E-04	0.0821432
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06908671	1.00E-04
0.77639928	0.80484245	1.03096308	0.75887304	1.04024086	1.25123319	1.49730055
1.00E-04	0.11178424	0.05987943	1.00E-04	0.06263317	0.13782285	1.00E-04
0.80467532	1.07464046	0.95036919	0.51445066	0.70645213	0.30699685	0.65507196
0.0457767	0.00608724	0.01257145	0.56596002	0.1680055	1.00E-04	1.00E-04
1.49088267	0.93573404	1.31141853	1.85481487	2.52115788	2.92751236	2.86237323
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00499964	0.01818894	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.97258952	2.20362274	2.29918097	2.21714885	2.75251557	2.75513019	2.53856179
1.00E-04	0.01511199	0.05413838	1.00E-04	0.06590434	0.47403759	0.32273957
1.00E-04	0.00636733	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79139266	0.27546189	0.28206152	0.481973	1.17542504	0.82825146	0.45767641
0.09927411	0.0826044	0.17983147	0.17393759	0.59755604	0.11474279	0.12803607
0.18465352	0.25201925	0.21054651	1.00E-04	1.00E-04	0.12692426	0.1093802
1.00E-04	0.01093725	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04077187	0.05199116	0.10970287	1.00E-04	0.0996938	0.16205233	1.00E-04
0.76762951	0.53169377	0.47779045	0.37019343	1.00946753	0.95882353	1.38773151
1.00E-04	0.01489181	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00877625	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.12700268	0.03113553	0.0376006	1.00E-04	0.17948679	0.05322135	1.00E-04
0.26758069	0.16270739	0.10310743	1.00E-04	0.21466298	0.17893772	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16758909	0.11108651	0.16907676	1.00E-04	1.00E-04	0.40982288	0.5227276
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44526335	0.44397365	0.72367631	1.24821848	1.27558207	1.63251218	1.94261631
1.00E-04	0.00734895	0.00497912	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05431088	0.63816533	0.45397366	0.33094538	0.73174108	0.8376053	0.34758504
0.05567931	0.05782387	0.1489846	1.00E-04	0.14631152	1.00E-04	0.21453718
2.13563829	1.91570895	2.20368069	1.00E-04	0.32305782	0.22441201	0.21095902
0.13526132	0.06242784	0.10172765	0.14237418	0.53246681	0.42758881	0.43720046
0.94883206	1.87132963	1.10991366	1.00E-04	1.00E-04	0.67671224	0.28107704
0.00999745	0.11441161	0.06372145	1.00E-04	0.05947296	0.09775294	0.35232415
0.68413325	0.3246078	0.40345903	1.00E-04	0.43989821	0.86971214	0.27765376
0.04863519	0.11012822	0.16429238	0.15340177	0.17659885	0.03596645	0.01875595
0.32123258	0.20484148	0.10478583	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09295742	0.07424784	0.12117933	0.23625614	1.00E-04	0.33158424	0.1916876
0.21541192	0.20393069	0.18094309	1.00E-04	0.0954554	0.09001652	1.00E-04
1.00E-04	1.00E-04	0.00875247	1.00E-04	1.00E-04	0.03698708	1.00E-04
0.72878549	0.32619661	0.47351981	0.801315	0.86093852	1.04779858	1.35960724
0.07211471	0.19153494	0.16407731	0.74742017	0.56142148	0.27429571	0.67040559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.061726	0.0844217	0.30262467	0.52151497	0.03761113	0.27507553
0.60947544	0.1308036	0.20641949	0.59066264	1.65363448	0.73975482	0.72576487
0.08946876	0.09684691	0.11080466	1.00E-04	0.25917389	0.40574692	0.56893378
0.18010711	0.05459008	0.03852936	1.00E-04	1.00E-04	1.00E-04	0.23621866
0.02768043	0.08782194	0.13948004	1.00E-04	1.00E-04	0.06816701	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08090032	0.03315506	0.01729162	1.00E-04	0.21230009	0.10872253	0.13666829
0.08887009	0.02182382	0.01546226	1.00E-04	1.00E-04	1.00E-04	0.05636421
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19732392	0.05983779	0.07636454	0.29433179	0.2548342	0.37753478	0.23350345
0.06016099	0.12923804	0.01078707	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05072814	0.03670254	0.13808745	0.14189115	1.00E-04	0.13798007	0.18276504
1.00E-04	0.00838968	0.02732526	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0160752	0.02074622	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00411807	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05227642	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00697288	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0193895	0.01298466	0.02539232	0.30688809	0.59932306	0.34760745	0.24274059

1.03845004	1.12445693	1.12971445	0.56914905	0.48969091	0.91275895	1.16484434
0.01652947	0.00814242	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01081894	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06270946	0.0109151	0.02339812	1.00E-04	1.00E-04	0.3195034	0.15521026
0.04498773	0.02184133	0.03889361	0.21180713	0.82815646	1.22765608	1.03002815
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72651287	0.44530223	0.40195642	0.63592845	0.13442321	0.27298667	0.16225932
1.05602375	0.46790914	0.56854526	0.54185087	0.93019418	0.72673835	0.91486952
0.62773731	0.29809528	0.32990629	1.00E-04	0.3230914	0.35239644	0.36952193
0.15425329	0.15583484	0.11425349	0.57762566	0.54220673	0.33525138	0.40321991
0.07747956	0.07227779	0.06701427	1.00E-04	0.10514507	0.64125774	0.78148876
0.19168657	0.04517475	0.02581235	0.15304882	0.18926283	0.20109049	0.42214806
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51901881	0.56928842	0.39669469	1.00E-04	1.00E-04	0.18968567	0.25251602
1.00E-04	0.02358826	0.00543419	1.00E-04	1.00E-04	1.00E-04	0.05812697
1.05512995	0.67513985	0.71844256	0.97042832	0.61538773	0.89006906	0.9419362
0.63403608	0.43269505	0.55636003	0.20066255	0.21080797	0.6786164	0.61256894
1.6413871	1.26040284	1.14222998	2.08106363	2.54408648	2.59472469	2.56502504
0.61450251	0.86719592	0.9939611	0.22002027	0.64667576	0.59953932	0.93890248
1.00E-04	0.04158976	0.05788658	1.00E-04	1.00E-04	0.44896188	0.32783528
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43522311	0.93692977	1.05861255	1.56418897	1.94658209	1.41170735	1.9532776
0.49146412	0.25837217	0.36142905	1.00E-04	0.12000794	0.09308265	0.2099522
0.14385856	0.09566582	0.05029367	0.33857979	0.36059506	0.37619681	0.10914338
1.00E-04	0.014629	0.01652745	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08149289	0.13531327	0.25730557	1.00E-04	0.12254676	1.00E-04	0.14064713
0.747153	1.01698654	0.85635801	1.00E-04	0.1704806	0.34534631	0.73593581
0.76047276	0.27448755	0.30467638	1.70100511	1.4336051	0.65860748	1.17356823
0.13304034	0.06258806	0.0633806	1.00E-04	0.19985785	1.00E-04	1.00E-04
1.00E-04	0.03761537	0.00827852	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32240195	0.13797902	0.15326828	0.21340511	0.36385061	0.29773923	0.6767752
0.10436637	0.35000262	0.06346721	1.00E-04	1.00E-04	0.04104108	1.00E-04
1.00E-04	1.00E-04	0.00780149	1.00E-04	0.11292683	0.15902089	1.00E-04
0.41142909	0.97054599	0.74854532	1.00E-04	1.00E-04	1.00E-04	0.27672382
0.65090602	1.22657883	0.88514613	1.00E-04	1.00E-04	0.15625526	0.25601847
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24130906	0.14704086	0.26920733	0.18744942	0.56220248	0.11006207	0.14155041
0.14722596	0.14320451	0.34050574	0.11614111	0.24640452	0.20958872	0.47384721
1.00E-04	1.00E-04	0.01674871	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02893206	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16331299	0.06871731	0.08809574	1.00E-04	0.19709537	0.17306619	0.12548551
0.09060189	0.09515925	0.1010022	0.1364171	0.02980132	0.17034512	0.31427256
0.12152951	0.16764133	0.2376516	0.20029226	1.00E-04	1.00E-04	1.00E-04

0.01560875	0.06994751	0.07001957	1.00E-04	0.09162161	1.00E-04	1.00E-04
1.00E-04	0.01206535	0.064817	1.00E-04	0.27608485	0.14626223	0.16772125
1.01361176	1.12340359	1.07614628	0.41487891	0.54137177	0.56514364	0.49142857
2.05732237	1.62609025	1.86182431	1.77598956	1.62712257	2.25986856	2.2450696
0.17563463	0.08489293	0.13999704	1.00E-04	0.25254312	0.1454006	0.60902284
2.08331227	1.98806441	2.08514008	1.21677895	1.54521832	2.37815734	2.19993109
0.47089882	0.31362532	0.48730421	0.46038524	0.35813981	0.32056372	0.50795218
0.04014165	0.03009649	0.04815595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.30801598	0.93693174	1.00073335	0.37253885	1.00E-04	0.50553965	0.0724953
1.00E-04	0.02223923	0.03496856	1.00E-04	0.12037865	1.00E-04	0.1063476
1.17775282	0.95839076	1.06503872	0.80497386	0.93270811	0.48119618	0.90481154
0.16256895	0.25094051	0.31158526	0.34225441	0.24604585	0.68522711	0.55587032
0.13828884	0.1472022	0.18015657	1.00E-04	1.00E-04	0.12240582	0.18228223
1.00E-04	0.01541106	0.00712863	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09209986	0.76700908	0.95878923	0.40598311	0.42108352	0.2847069	0.27303982
0.08548506	0.19554534	0.29297701	1.00E-04	0.13766194	0.6864427	1.03219487
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02759266	1.00E-04	0.01289017	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50203218	0.18658632	0.35014067	1.00E-04	0.23882612	1.00E-04	0.11478868
1.00E-04	0.00730656	0.00650078	1.00E-04	1.00E-04	0.04710381	1.00E-04
1.00E-04	1.00E-04	0.0112442	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05851447	0.00520138	0.01696905	0.89567264	0.38451925	0.07170436	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1786468	0.11300058	0.08489307	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01060768	0.00628617	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27006558	0.78563174	0.4520094
0.0859474	0.09910575	0.07597589	1.00E-04	0.13093235	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03826631	0.05762257	1.00E-04	1.00E-04	0.73124132	0.60200439	0.71650285
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79176286	0.31112936	0.58876226	0.21383541	0.48008608	0.20475501	0.01875595
1.00E-04	0.01052146	0.02278839	1.00E-04	0.12092197	1.00E-04	1.00E-04
0.62705861	0.38378681	0.54280957	0.37438778	0.23638333	0.26993036	0.33840352
0.05167667	0.00918607	0.04894407	1.00E-04	0.10194536	0.18464871	0.1453427
0.78768384	1.18229738	1.12196663	0.23967053	0.56955097	0.30282721	0.39304077
1.00E-04	0.00880551	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12295346	0.07217376	0.09896889	1.00E-04	0.12777062	1.00E-04	0.19145538
1.53508502	0.91600237	1.3033253	1.34082438	1.51112698	1.57219104	1.53024724
0.60219305	0.22203292	0.34035989	1.18062728	0.80921347	1.08205322	1.13273915
1.00E-04	0.01094281	0.0229898	0.24197566	1.00E-04	0.03445959	0.07006413
0.10145007	0.12276195	0.15669595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04249542	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.25557527	1.94056644	1.95374055	1.87681781	2.16675509	2.18666548	2.21222907
1.13018765	1.56336081	1.65004564	0.15388571	0.35064559	0.80814383	0.62063974
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91558893	2.31449388	2.01531177	0.8610055	0.77758999	1.46011288	1.62507483
1.00E-04	0.03407501	0.03324834	1.00E-04	1.00E-04	0.19957132	0.12584363
1.20097944	0.73008299	0.91307997	2.67528962	3.00113739	2.68323878	3.04340744
1.13636047	1.17232405	1.27302251	1.00E-04	0.23233195	0.25179478	0.08758461
1.00E-04	0.00406281	0.03485455	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21450684	0.5213961	0.55101338	1.00E-04	0.03219824	0.09873025	1.00E-04
2.141885	1.70460024	1.97202209	0.22813386	0.76269716	0.20932988	0.26064116
0.13905028	0.16898123	0.2195657	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66613285	1.14101035	1.35339627	2.90626519	2.96115634	2.73584336	2.86116834
1.00E-04	0.03412265	0.034555	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.98371283	1.98014584	1.97616972	1.09595118	2.15987885	2.44772253	2.64558266
0.13556752	0.05614666	0.02825426	1.00E-04	1.00E-04	0.02150869	0.22204077
0.01792537	0.01744544	0.03476156	1.00E-04	1.00E-04	0.07651329	1.00E-04
1.00E-04	0.06426687	0.07795467	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35967286	0.16660228	0.3117001	0.61276544	0.5682386	0.87502112	0.51530134
0.14699438	0.23338355	0.28863213	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03943658	0.00398251	0.00901039	1.00E-04	0.12027732	0.50267937	0.15505872
1.00E-04	1.00E-04	0.00431618	1.00E-04	1.00E-04	1.00E-04	0.04446914
2.56541886	2.43467335	2.57334766	2.21348926	2.68821806	2.57293075	2.64821241
0.06621758	0.10032901	0.06460967	1.00E-04	0.11210008	0.18139804	0.17047802
0.02604836	0.0083131	0.01632754	0.2391991	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02031503	0.03742465	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04282382	0.08567351	0.09448794	1.00E-04	0.19257091	0.04098467	1.00E-04
1.00E-04	0.03208106	0.01428545	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45748428	0.39821872	0.34023862	1.00E-04	0.13704557	0.43758251	0.33697182
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04413174	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00989705	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00508525	1.00E-04	1.00E-04	1.00E-04	0.03727027	1.00E-04
1.00E-04	0.01846318	0.03522627	1.00E-04	1.00E-04	0.0415994	1.00E-04
1.00E-04	1.00E-04	0.00885693	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70091725	2.06945036	2.20019092	0.99116719	1.07690714	1.25770937	1.66811395
0.04813873	0.03307269	0.01775972	1.00E-04	1.00E-04	0.52968027	0.94968984
1.11115553	1.49770427	1.40507364	1.00425954	1.12796597	1.44227505	1.62476835
1.12553239	0.53056612	0.47231495	1.55602853	1.36625465	0.68920001	0.47498478
0.1101155	0.0289282	0.04268786	0.34662034	0.2222861	0.31171633	0.22554299
1.00E-04	0.02044743	0.00895573	1.00E-04	1.00E-04	0.10330304	0.24152217
0.69669722	0.61985155	0.63760495	0.17997387	0.4278507	0.70708493	0.07519732

1.78773449	1.77672897	1.94272092	1.00E-04	1.00E-04	0.13070052	0.18130438
0.20725427	0.20222326	0.19749873	0.48105718	0.20739302	0.39447129	0.19278819
0.57935796	0.40823859	0.53722384	0.35933157	1.17594779	1.30023312	1.31788534
0.3543878	0.21673337	0.34898644	0.35955128	0.93406802	0.92862452	0.95891328
0.51183481	0.08443135	0.10008408	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08468	0.1231296	0.13272152	1.00E-04	0.15132475	0.40316861	0.31858479
0.30670081	0.42701733	0.58417558	0.67522935	0.50689322	0.34726426	0.74004356
1.00E-04	1.00E-04	0.0072129	0.14302802	1.00E-04	1.00E-04	1.00E-04
0.18826518	0.11529507	0.09933523	0.12862716	0.0709859	0.17309524	0.36667903
3.02160331	3.2765628	3.18632537	1.23018904	1.0842447	1.83465686	2.08437208
0.42055799	0.23651436	0.32246892	0.45788066	0.18427805	0.57598539	0.23659392
0.30931528	0.12462439	0.15212394	0.39332088	1.00E-04	0.21616681	1.00E-04
2.34825968	2.1810132	2.31194812	2.79561744	2.72653886	2.64538292	2.75344562
1.00E-04	0.02082977	0.03271918	1.00E-04	0.12501289	0.13304438	1.00E-04
1.00E-04	1.00E-04	0.00365762	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97213967	0.57191805	0.78272968	1.74036311	2.25567319	1.77578269	1.89423515
1.00E-04	0.01664003	0.0145501	1.00E-04	1.00E-04	1.00E-04	0.37372416
1.00E-04	0.00575053	0.01806151	1.00E-04	1.00E-04	0.04497219	1.00E-04
1.00E-04	0.01574793	0.0176405	1.00E-04	1.00E-04	0.10677409	1.00E-04
0.84833287	0.44661104	0.64351584	0.33664021	0.35487626	0.37951357	0.37231196
1.00E-04	0.06746814	1.00E-04	1.00E-04	1.00E-04	0.2373568	1.00E-04
1.00E-04	0.00707905	0.01409305	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02198462	0.01404381	0.05209576	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72905392	0.40421524	0.78596161	1.00E-04	1.00E-04	1.00E-04	0.2343002
0.48839367	0.40607764	0.62282931	0.76115043	0.68559952	0.67223306	0.99730084
0.49806866	0.35242637	0.42519058	0.45110573	0.47060864	0.78990108	1.06144425
1.00E-04	0.02733886	0.01303529	1.00E-04	1.00E-04	0.13936978	0.29394115
0.08140769	0.13053328	0.13798567	1.00E-04	0.16801141	0.24714523	0.18251917
0.14869319	0.51290384	0.14099	0.12940013	1.00E-04	0.21653773	0.37738231
1.00E-04	0.22225707	0.02836425	0.11465013	1.00E-04	1.00E-04	0.23692541
0.73807547	1.03023488	0.35535048	0.26077451	0.3443032	0.39843845	0.13645677
0.57248705	0.31939417	0.50227135	0.32863861	0.62552611	1.08805614	0.6168742
0.17415182	0.17550429	0.25256855	0.2391991	0.43361579	0.20208535	0.89887821
0.40661715	0.64875256	0.54151658	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38214543	0.32181981	0.52658663	0.60596539	0.77370696	0.69797088	0.98826042
1.60001004	1.94422922	2.58287761	3.95208106	3.92631237	4.10504141	4.46301925
0.43757841	0.212099	0.27851798	0.22698708	0.08536672	0.75199695	0.39456389
1.00E-04	1.00E-04	0.01211446	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11667632	1.00E-04	1.00E-04
0.03806308	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59245499	0.8699436	0.95471235	1.00E-04	1.00E-04	0.30611244	0.49427953
1.00E-04	0.00390693	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.00797959	0.0261367	0.0503928	0.51396874	0.17377662	0.1775995	1.00E-04

0.06246264	0.14199929	0.12849658	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41381348	0.75119106	0.75016754	0.73704294	0.8838735	0.69348319	0.85475435
0.01681019	1.00E-04	0.01379395	1.00E-04	0.14134005	1.00E-04	1.00E-04
0.05814429	0.03645953	0.02835857	1.00E-04	0.28182416	0.11220348	0.11599626
0.20509162	0.05550292	0.05599538	1.00E-04	0.22033664	0.05750773	0.17818642
2.02514993	1.84754911	1.96983761	2.4398511	2.46997756	2.48718868	2.67031225
0.07021971	0.10734398	0.13463521	0.12405056	0.43821615	0.19533113	0.17900125
0.06631911	0.01223412	0.05177833	1.00E-04	0.29722383	1.00E-04	0.07286935
0.16443925	0.30934924	0.380288	1.00E-04	0.13017672	0.2012386	0.25246953
1.00E-04	1.00E-04	0.0110346	0.2752251	1.00E-04	1.00E-04	1.00E-04
1.07269068	0.94955841	1.13802359	1.0969825	1.5873664	1.94177493	2.20236189
0.04235021	1.00E-04	0.01577277	0.16691144	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08388025
0.14925071	0.07973491	0.13685583	1.00E-04	1.00E-04	0.20142729	0.11486342
1.00E-04	0.04842415	0.00929467	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79621953	0.93946087	0.89944608	1.04625988	0.90927042	0.77946807	0.93028171
0.11658257	0.16148345	0.20000974	0.50742886	0.21676451	0.78590452	0.58244682
0.22029712	0.16681143	0.3495861	0.43984828	0.81552916	0.67385905	0.9466567
1.00E-04	0.00401069	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01827157	0.01946599	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84117973	0.53065044	0.63723884	0.3504364	1.06652294	0.95825711	1.33554037
0.08000635	0.08816092	0.07511155	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17698249	0.55103376	0.94004909	0.39882001	0.05418549	0.15237175	0.09944841
1.14337003	0.70819175	0.72524232	1.4590114	1.47884274	1.17809198	1.13888869
0.27268977	0.35421271	0.4531934	0.15879538	0.12633944	0.77474998	0.34947923
0.01734629	0.05909582	0.05118559	1.00E-04	1.00E-04	0.28803651	1.00E-04
0.40096065	0.60678882	1.03485445	1.00E-04	1.00E-04	0.35660802	0.18544284
0.84681232	1.57028367	1.0785367	1.00E-04	0.46000541	0.99907856	0.75349228
1.00E-04	0.08064678	0.08368966	1.00E-04	0.28996959	1.00E-04	0.13315958
0.11417537	0.18253084	0.14711811	0.12761821	0.18016673	0.13885113	1.00E-04
0.9627894	1.45915406	1.35725088	0.51510722	0.58461662	1.2769508	1.27264266
0.15398624	0.35243873	0.21488164	1.00E-04	1.00E-04	0.19186561	0.18980437
1.52773807	1.40609609	1.53819747	2.05102828	1.99162089	1.97119315	2.37328277
0.2751768	0.4915883	0.55662969	0.62534374	0.15843334	0.39596701	0.89208404
0.86493089	1.01244269	1.18296321	1.28154619	1.1778389	1.86423118	1.5557509
0.04675255	0.05554426	0.09032168	1.00E-04	1.00E-04	1.00E-04	0.11750283
0.08369486	0.0546002	0.10915836	1.00E-04	0.14194877	0.16497244	0.16389044
0.68728103	0.63433631	0.8758999	0.59586916	0.41580002	0.55092376	0.05679936
0.27897156	0.26681836	0.43425749	0.67426579	0.36915047	0.46584111	1.19066203
0.53345532	0.23485387	0.19562852	1.00E-04	1.00E-04	0.1598753	1.00E-04
1.00E-04	0.02995205	0.03020281	1.00E-04	1.00E-04	0.05145312	1.00E-04
0.12222662	0.13780493	0.06210068	1.00E-04	1.00E-04	1.00E-04	0.12864308
1.07655293	0.83096645	1.1385166	0.48382989	0.71050365	0.35524964	0.73661023

1.00E-04	0.03719654	0.08475399	1.00E-04	1.00E-04	0.2906679	1.00E-04
0.36417642	0.21907388	0.41997712	0.40138352	0.73777627	0.99263324	1.17771752
0.39088675	0.10644057	0.24442161	0.27694188	0.79686999	0.57769202	0.83622225
1.03607995	1.03605496	0.90518519	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13704457	0.12878181	0.12659292	0.10092195	0.29219912	0.31496227	0.4317111
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09918884	0.10308548	0.11731529	0.23168107	1.00E-04	1.00E-04	0.2173743
0.04736616	0.0663717	0.06866818	1.00E-04	1.00E-04	1.00E-04	0.09914735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12615352	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27522413	1.50275851	1.36398925	0.80842334	1.2016366	1.04219228	1.16790272
0.40799711	0.52594489	0.54156797	0.22760033	0.72673183	0.43816102	1.04994725
1.00E-04	0.06231364	0.04577097	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.75807366	4.4413816	4.14156037	2.11816645	2.42516263	3.47284397	3.33551986
0.07721369	0.0628379	0.08622466	1.00E-04	0.36292894	0.27550475	0.21548679
0.42065027	0.37429929	0.49804139	0.58879396	0.5542292	0.41304491	0.22333078
0.04888892	0.13439465	0.23636056	0.18194447	0.45631645	0.30449483	0.67997688
0.06522494	0.06230122	0.06456492	1.00E-04	1.00E-04	0.16697322	0.13206271
0.02351573	0.03832735	0.0152338	1.00E-04	0.12799957	0.04239803	0.2007414
0.18043436	0.09972228	0.13929107	0.09754868	0.32845587	0.0509584	0.2113952
1.17568425	0.65133152	0.95048256	0.69576649	1.16073739	0.95632272	1.04413425
0.52993816	0.32041249	0.3092933	0.27774349	0.80682287	0.44427327	0.33425631
1.74672198	2.0941472	2.37253901	1.72657537	2.10038923	2.40872673	2.70711358
1.56870471	1.3912043	1.61141796	2.21297049	2.68923401	2.46384512	2.66944948
0.12962603	0.30176883	0.36317048	1.00E-04	1.00E-04	0.09909405	0.18379561
1.2282856	1.31007379	1.0547953	0.94308041	1.31581238	1.47429803	1.10662295
1.00E-04	0.02919914	0.08413395	0.48863672	1.00371647	0.8302049	0.81735686
0.83009967	1.03712978	0.8939437	1.00E-04	1.00E-04	0.07466831	1.00E-04
1.8373924	2.14337816	2.14846167	0.62153641	0.53914255	0.86404387	0.78917214
1.74209435	1.51158652	1.64756395	1.17948289	1.72144852	1.93008476	2.07288972
2.40375246	3.12234782	1.87042327	1.82777493	1.59980976	1.99828301	1.92553022
1.39181454	1.55925695	1.44125906	0.26525327	1.36430123	1.66272973	1.61268201
0.98799334	0.98157883	1.2245556	1.23778056	1.30871676	1.43050696	1.54987002
0.17627781	0.19800691	0.26518963	0.67203202	0.85750297	1.04475017	1.17190455
0.68289909	0.29794469	0.44279105	0.53541255	0.86157832	0.9868992	1.12419951
0.3673781	0.24196626	0.35900174	0.19979936	0.41974971	0.80000867	1.1349592
1.00E-04	0.01096948	0.03502008	1.00E-04	0.10618662	0.04997602	1.00E-04
0.0479635	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00547508	0.010936	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46088717	0.44869389	0.4959641	0.75488903	0.40701015	0.96095574	0.70563254
0.0924864	0.11635842	0.16076034	0.0642898	0.67883724	0.51865953	0.63801218
0.20860142	0.16210847	0.19716525	0.07818642	0.17551276	0.35606601	0.4911205

0.10826024	0.07470866	0.02213738	0.13206114	0.33125237	0.18156697	0.23342594
0.21552978	0.16511706	0.19372056	0.13626473	0.12693811	0.94544724	0.73622303
0.74035286	0.64751102	0.80192286	0.27719128	0.88857374	1.18921924	0.86724494
0.16937297	0.09132591	0.05775899	1.00E-04	1.00E-04	0.10646226	1.00E-04
0.11335616	0.05912454	0.08985547	1.00E-04	1.00E-04	0.13476558	0.45387853
1.2308665	1.08309721	1.56837595	0.90344361	1.16055166	1.53976855	1.72436896
0.84197753	0.60173061	0.75847528	0.79240729	1.43388869	1.68158505	1.87138521
0.21461825	0.18719176	0.17650693	0.64607752	1.42286318	1.14139932	0.87902054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.04760571	2.08549842	1.53006139	2.92595386	3.64748348	3.59084365	3.59902082
1.00E-04	0.01526106	0.03376003	1.00E-04	1.00E-04	0.04118992	1.00E-04
0.20521142	0.0544898	0.10482964	1.00E-04	1.00E-04	0.14577905	0.15417679
0.30731026	0.31060078	0.43654596	0.16759987	0.55559247	0.24662161	0.72473341
1.00E-04	0.03356635	0.01091008	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60070905	0.37155482	0.55900553	1.87978695	2.0314729	2.38592396	2.24405228
0.24021421	0.1758642	0.12912895	0.3199442	0.6350629	0.6115126	0.66360286
0.29520708	0.06503529	0.09636177	1.5106275	0.51594007	0.3610368	0.35924854
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75429325	0.73053183	0.88245368	0.78454809	0.40619727	0.31247511	0.29536657
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04195798	1.00E-04
1.00E-04	0.01223338	1.00E-04	0.10332787	1.00E-04	1.00E-04	1.00E-04
0.14007425	0.27326473	0.25777235	0.43807394	0.84523302	0.70041016	0.73169462
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0057453	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20076523	1.08052411	1.130473	0.79821252	1.00555721	1.15272302	1.2303048
0.02269869	0.04242487	0.01645553	1.00E-04	1.00E-04	1.00E-04	0.30862642
0.64776823	0.70303417	0.67500969	0.71060005	1.06238782	0.88014877	1.02172105
3.66662602	3.50339339	3.66794517	3.09068656	3.92943532	4.4850738	4.49993166
1.00E-04	1.00E-04	0.00645008	1.00E-04	1.00E-04	0.11028223	1.00E-04
0.15283365	0.1832879	0.12391077	1.00E-04	1.00E-04	1.00E-04	0.28865862
1.00E-04	1.00E-04	0.00641452	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01905955	1.00E-04	1.00E-04	0.17338027	1.00E-04	0.11993946
1.11239863	0.38178386	0.5215371	1.17790718	2.06480842	1.84046562	1.42650383
3.81931809	3.28482946	3.56922827	3.80165262	4.07892484	4.00469774	4.17596168
2.47496283	3.442478	3.23238283	0.68546607	1.24105246	2.18032658	2.0656071
0.04341237	0.01531558	0.01719002	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10049675	0.00997521	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82780474	0.74389724	0.77102184	0.55495605	1.02489689	1.52177447	1.28715795
0.34694776	0.11650239	0.1604062	0.38063389	0.47976804	0.11815378	0.19622272
0.07037303	0.05755348	0.07173715	0.14550189	0.18491503	0.25895876	0.15087079
0.05545168	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02312895	0.02650905	0.08266851	0.34935971	0.14166717	0.21321863	0.1926012
0.51078768	0.47490177	0.49432536	0.519018	1.32910466	1.04920694	1.39574691

0.30896282	0.22239427	0.31740737	0.28716169	1.00E-04	0.22131208	0.23933375
1.00E-04	1.00E-04	0.00701749	1.00E-04	1.00E-04	0.12609872	1.00E-04
0.62238937	0.58571984	0.60649973	0.27616221	0.51038987	0.70861318	0.6623386
0.07589282	1.00E-04	0.00701534	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12026667	0.06157742	0.04432468	1.00E-04	1.00E-04	0.11105312	0.15280122
1.00E-04	0.01880531	0.0263715	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24039264	0.48404443	0.40539291	1.00E-04	0.92784926	1.41511331	1.21324261
0.02367142	0.01831027	0.09178313	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06267717	0.02206696	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00757967	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01062677	0.081306	1.00E-04	0.09482224	0.04990283	0.08309055
0.30162961	0.20800093	0.38317629	0.48637019	0.39130727	0.29061841	0.74468455
1.37410053	1.02080766	1.13083019	1.08626308	1.99329769	2.08941567	2.15601466
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11359413	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00436068	0.03697755	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00605975	1.00E-04	0.16081295	1.00E-04	1.00E-04
0.02368601	0.0096387	0.03947461	1.00E-04	1.00E-04	1.00E-04	0.22464936
1.00E-04	0.07005886	0.04931094	0.31005008	0.28310232	0.12912553	1.00E-04
1.00E-04	0.01228271	0.03646939	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01915789	0.02594196	0.23256696	0.35412634	1.00E-04	0.1371466
1.00E-04	0.01635207	0.05335617	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16611522	0.0414796	0.03640654	0.64312298	0.28295001	0.2758564	0.49098476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04271506	0.04117184	0.03984759	0.09349032	1.00E-04	0.0400286	0.26348102
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10048642	0.02553593	0.04361454	1.00E-04	0.24867077	0.26666709	0.15284029
0.12497069	0.03237342	0.13841656	0.3240412	1.00E-04	0.13372065	0.13463363
1.00E-04	0.02321721	0.0079862	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02970743	1.00E-04	1.00E-04	1.00E-04	0.16936444
0.02166756	0.03090338	0.03790719	1.00E-04	0.15454598	0.09973607	0.16093451
0.80996418	0.76688621	1.0598791	0.30872375	0.27137722	0.14889208	0.17112195
0.25212867	0.09495829	0.11680353	0.50064972	1.00E-04	0.56381841	0.29174941
1.00E-04	0.02677242	0.07463505	0.29459892	1.00E-04	0.19578982	1.00E-04
0.20502871	0.05609178	0.09329461	0.33706297	0.76346396	0.87533821	1.09092721
0.05072708	0.11844951	0.03040672	0.25402671	0.40026789	0.17898748	0.41274195
1.00E-04	0.05049398	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14421124	2.28900976	2.49192161	1.1367407	1.40609441	1.56664163	1.51793478
0.09633706	0.02842713	0.04325871	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58711258	0.44020231	0.6502138	0.35579565	1.30283897	1.318025	1.45831755
0.05912773	0.0674362	0.22098239	1.00E-04	0.47825002	0.34844294	0.32162329

1.00E-04	0.0547989	0.07501178	1.00E-04	0.61547887	0.12256893	0.47832388
0.67417631	0.84080701	1.06359737	0.5379908	0.86846617	1.32457357	1.24021292
0.15733583	0.2166155	0.28521291	0.40335031	0.39160021	0.37489691	0.54377064
0.38263936	0.1922788	0.30182798	0.37671453	1.03120718	1.30244119	1.30233153
0.39205947	0.47572529	0.5693081	1.00E-04	0.18085187	0.21321871	0.22376729
0.30160772	0.48750757	0.39405434	0.25411524	0.11579391	0.21496521	0.22263356
0.98751096	1.00529085	1.12818029	0.60687934	0.46621589	0.63699267	0.99942053
0.14267883	0.12205136	0.09304523	1.00E-04	0.17345052	0.19870524	1.00E-04
0.27935778	0.07971286	0.11197779	0.55203941	0.44709494	0.1712405	0.43268594
0.05791393	0.03638906	0.08402069	0.27666565	1.00E-04	1.00E-04	1.00E-04
0.1829396	0.18718461	0.30774961	1.00E-04	1.00E-04	1.00E-04	0.1594061
1.00E-04	0.0582747	0.04949247	1.00E-04	0.2201256	0.1982588	0.24243987
1.58331663	3.02673756	2.85652743	0.50245774	0.66797051	1.69474422	1.9010139
0.56600088	0.41756626	0.63191828	0.61857939	0.39869899	0.61159546	0.57832055
0.83660755	0.31847984	0.26840701	0.17975478	0.62498935	0.15705216	0.45559379
0.20444994	0.11101679	0.16705044	0.26119941	0.09440478	0.06039117	0.27885288
0.10396184	0.09247097	0.04384292	1.00E-04	0.11792808	0.06946913	0.18867095
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13325287	1.00E-04	0.10968619
1.00E-04	0.00401069	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07447045	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.03453943	1.00E-04
0.63333258	0.50048776	0.47542931	0.64983227	0.81085348	0.52145705	0.71459404
1.00E-04	0.01493631	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10944805
0.20089488	0.0641373	0.14254301	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14375863	0.05005994	1.00E-04
0.14906851	0.14175678	0.08696584	0.2229086	1.00E-04	0.34638695	1.00E-04
0.06460448	0.03575044	0.0564034	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04672432	0.01148142	0.01808995	0.28852723	0.2886617	0.33067418	0.19308795
0.24054724	0.30947388	0.39150506	1.2196786	1.12263196	1.12509005	1.29818414
0.38410909	0.3100142	0.51498149	0.68381596	1.05860102	0.75598224	1.26146129
0.14297712	0.15333627	0.10145265	0.24899631	0.18628338	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01953817	0.12632382	0.1932311	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21098358	0.05915261	0.11899847	0.80529911	0.6100364	0.73785725	0.30254951
1.00E-04	0.01147583	1.00E-04	1.00E-04	1.00E-04	0.0744593	1.00E-04
0.04291947	0.04251947	0.1255764	0.19042829	0.21750698	0.26855176	1.00E-04
0.58168204	0.31898196	0.36001411	0.73007905	0.3198103	0.51582168	0.37145575
0.2408807	0.07340691	0.22558935	0.65621597	0.31197733	0.67332807	0.49858974
0.55877827	0.2690097	0.34058655	0.99034275	1.3184069	0.87981024	0.78336624
1.21975464	1.76193455	1.73900351	1.19107637	1.11270748	1.47471867	2.02628463
0.27902557	0.29162227	0.36583226	1.00E-04	0.17501088	1.00E-04	0.33683318
0.05831	0.0110348	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05889275	0.07581736	0.09153841	0.23228827	0.15415663	0.06062145	0.089813
0.407268	0.3509211	0.46220385	0.19903744	0.687829	1.18676488	1.12673169
0.44990728	0.22925817	0.39981132	0.30084005	0.6202241	0.55053193	0.95962795
0.48046245	0.17566587	0.39201363	1.00E-04	1.00E-04	0.08701283	0.24082681
1.00E-04	0.00609322	1.00E-04	1.00E-04	1.00E-04	0.06347759	1.00E-04
0.07329654	0.0131152	0.00794553	1.00E-04	0.080253	1.00E-04	1.00E-04
0.93293905	1.32821579	1.29518884	0.34742704	0.20492983	0.1568903	0.26638309
1.00E-04	0.02533811	0.13185925	0.09398205	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03004527	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76488517	1.42907555	1.34504412	2.69459606	2.9243712	2.50615784	2.66520835
1.35273032	0.92709176	0.67078653	1.00E-04	0.66934959	0.31353738	0.00986315
0.87509724	0.6662842	1.05590495	0.26797817	0.64816944	0.67441651	0.58244441
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37856565	0.77266057	0.89764282	0.77574344	1.04898321	0.79400564	0.55273763
0.02138824	0.00792108	0.01727505	1.00E-04	0.71716292	0.50164788	0.10511225
1.49438524	0.99656394	1.2825619	0.9713705	1.8769993	1.50044967	2.09287365
1.00E-04	0.00737954	0.01228356	1.00E-04	1.00E-04	0.06721717	1.00E-04
0.35483616	0.35091123	0.30052883	1.00E-04	0.25268793	0.03938743	0.17925223
1.00E-04	0.03453399	0.00785596	1.00E-04	0.1932668	0.08849869	1.00E-04
0.15014016	0.18083768	0.24243296	0.16570146	0.37641278	0.56625603	0.71368652
0.51069908	0.20783736	0.24143468	1.13382381	0.8904401	0.5805866	0.33422115
0.36084214	0.23697239	0.37841183	0.57853458	0.80585882	0.39469442	0.4632456
3.39185934	3.5267745	3.5017207	1.71968967	2.46701303	2.63334109	2.73563383
1.62234107	1.14361405	1.37446324	0.77560753	1.26884439	1.12076231	1.41951383
0.35570514	0.27995174	0.37290776	1.00E-04	0.33419873	0.61059175	0.52785102
1.00E-04	0.03203398	0.0159139	0.23760236	1.55853785	0.4602727	0.74328468
0.02658435	0.01927275	0.00801371	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15399037	0.05821316	1.00E-04
0.10478703	0.12831719	0.05738619	0.14090775	1.00E-04	0.05012306	1.00E-04
1.00E-04	0.03025453	0.0229688	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01035465	0.06640914	1.00E-04	1.00E-04	0.08353706	1.00E-04
1.00E-04	0.01024525	0.01697984	1.00E-04	0.13325287	1.00E-04	0.09359965
0.16498462	0.08326129	0.03412253	0.07371875	1.00E-04	0.05243733	0.24435368
2.49815726	2.19208029	2.38859479	0.37342965	0.51703445	0.71726149	0.81893844
0.58381562	0.14618129	0.13618706	0.65115842	0.85006311	0.34724588	0.11397297
0.34061548	0.21099484	0.39472925	1.00E-04	0.87389119	0.53571606	0.27058515
0.0481785	0.02890028	0.04782539	1.00E-04	0.4203204	0.17959475	1.00E-04
0.28470047	0.05569718	0.02241085	0.14466779	0.11464716	0.45858747	0.12059542
0.06107778	0.06529646	0.07164609	0.12356905	0.4144308	0.27551528	0.58439719
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04853196	1.00E-04
0.53538888	0.46584501	0.51974812	0.45809211	1.12597959	0.98278736	0.93739232

0.15082918	0.04552177	0.04325774	1.00E-04	0.14641153	0.052154	0.24512525
0.13083013	0.02460062	0.07617663	0.26506362	0.27571618	0.38607501	0.69038688
0.1681941	0.13736193	0.10431406	0.10283466	1.00E-04	0.0529731	0.19176816
0.03679068	0.01591322	0.01960821	1.00E-04	1.00E-04	0.06608094	0.18738073
1.00E-04	0.01375608	0.00831311	1.00E-04	0.18816734	0.13457609	0.10718744
0.22392519	0.15103747	0.45569205	1.00E-04	1.00E-04	0.08380133	0.20650221
0.02140114	0.03780891	0.03070113	1.00E-04	0.26933892	0.0808734	0.2961178
0.27274718	0.1274192	0.12687281	0.34055041	0.87430361	0.59141657	0.19457493
1.19912871	0.92929981	1.00503345	0.32889643	0.44767983	0.54333196	0.47751382
1.00E-04	0.03663249	0.01583034	0.29877133	0.62783611	0.6368141	0.45627548
0.96215124	0.68401834	0.84492217	1.16439581	0.80985661	0.7095102	1.40511724
0.08669046	0.18622589	0.11125856	0.11316201	1.00E-04	1.00E-04	0.14636835
0.26376599	0.10041175	0.37840194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48216877	0.47860348	0.84046541	1.00E-04	0.13687047	0.08368367	0.06326068
0.19702798	0.0713119	0.06587559	1.00E-04	0.06583355	0.08269675	0.11664819
0.16157966	0.0969848	0.1641419	0.25701477	0.3124739	0.13503974	0.46959128
2.16564381	1.83097533	2.02620641	2.48216612	2.77605469	2.65435534	2.76693617
0.03384032	0.03767626	0.01939118	1.00E-04	1.00E-04	0.03265287	1.00E-04
1.00E-04	0.02746791	0.03923995	1.00E-04	0.21173123	1.00E-04	1.00E-04
2.71489961	1.72135842	1.49616907	0.3611922	0.47965117	0.25730921	0.49463981
1.00E-04	0.00495929	0.01154983	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03731775	0.03388515	0.1114367	1.00E-04	1.00E-04	1.00E-04	0.10917715
0.20793801	0.02786821	0.02611115	1.00E-04	0.16470963	1.00E-04	0.18414782
0.04907071	0.05675881	0.03457351	1.00E-04	1.00E-04	1.00E-04	0.30329099
0.88249338	0.70205485	0.83660226	1.21163336	1.1760668	1.28451963	1.42195909
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178128	0.31769922	0.39864063	0.15282506	0.32472685	0.7177657	0.41309774
0.15739034	0.05854032	0.03262365	1.00E-04	1.00E-04	1.00E-04	0.16703915
1.00E-04	0.05336722	0.07437772	1.00E-04	0.02682968	0.30405749	0.1404272
0.47098658	0.33914922	0.56510463	0.13898135	0.52809776	0.2596209	0.09707487
0.08427384	0.06527855	0.06826004	0.26862966	1.00E-04	1.00E-04	1.00E-04
0.08802158	0.01497836	0.00918841	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08910676	0.15694119	0.1105297	0.15645232	0.15153888	0.20797438	0.90714193
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84765765	0.57354391	0.58676611	0.86493286	1.58701688	0.85159175	1.2291677
1.00E-04	0.01280994	0.01347109	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00698145	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05934018	0.10506255	0.26677601	0.33530422	0.15123125	0.11030334
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00699961	0.00624414	1.00E-04	1.00E-04	0.10099707	1.00E-04
0.01283004	1.00E-04	0.00384067	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22983253	0.10313104	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09626966	1.00E-04	1.00E-04

0.03413587	0.05775258	0.03097069	0.13218036	1.00E-04	0.19590666	1.00E-04
1.00E-04	0.02902875	0.04023958	1.00E-04	0.35127714	0.44532751	0.29466185
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17686667	0.20049313	0.16806843	1.00E-04	0.25758886	0.24389205	0.08499094
10.5586226	9.78349674	9.83270008	11.5767583	11.1482455	10.7673547	10.8416395
0.03565596	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1072631	1.00E-04	0.00903351	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0664874	0.01223968	0.01653705	0.54291066	0.2701749	1.00E-04	0.05714866
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03492382	0.00633724	1.00E-04	1.00E-04	0.1997974	1.00E-04
1.00E-04	1.00E-04	0.00552784	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09438814	0.0514776	0.02434537	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04121127	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00783935	0.01601118	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11228641	0.07738756	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73371891	1.26477846	0.74810525	0.88632528	0.15698159	0.52322429	0.34205502
1.00E-04	0.04805178	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02799971	0.4492345	0.06138404	0.29390757	1.00E-04	0.19643144	1.00E-04
0.11332944	0.31545076	0.16734303	1.00E-04	1.00E-04	0.14025559	1.00E-04
1.00E-04	0.07442291	0.03013718	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.012918	1.00E-04	1.00E-04	0.10660904	0.14584344	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02519363	0.04091637	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09272546	0.63219411	0.81966114	1.23217882	1.31550783	1.46776565	1.66793482
0.71135953	0.51502429	0.53045167	0.83638956	1.12938422	0.83122987	0.97340873
0.10457	0.50684353	0.16780242	1.00E-04	0.28899239	0.10731364	1.00E-04
1.00E-04	0.13142476	0.00745577	1.00E-04	1.00E-04	0.06539234	1.00E-04
0.60232083	1.22638374	0.57603859	0.49278347	0.14424261	0.51673646	1.00E-04
0.34088813	0.60356233	0.27867205	0.36227711	0.27503536	0.27404764	1.00E-04
1.78156265	1.39126406	1.6854313	1.74992122	2.42042077	2.86080339	2.72946708
1.00E-04	0.06436221	0.02068474	1.00E-04	1.00E-04	0.04536567	1.00E-04
0.03112919	0.06433601	0.02387408	1.00E-04	1.00E-04	0.08992463	1.00E-04
0.15951937	0.52499919	0.14033945	0.36244167	0.15015778	0.261718	1.00E-04
0.32000306	0.94909674	0.42535011	1.02559883	1.00E-04	0.30991972	0.2039793
0.08897665	0.01982814	0.03846836	1.00E-04	0.2252553	0.04476119	0.1660917
1.12765771	1.60790547	0.65493717	0.91933928	0.70326248	0.3990055	0.08241166
0.08298341	0.09483384	0.12935916	1.00E-04	0.14409708	0.13830656	0.22780506
0.1541485	0.94663654	0.43896823	1.00E-04	1.00E-04	0.49484151	0.33408674
1.00E-04	0.07422442	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35802975	3.48711767	3.41574684	3.35428655	3.35801376	3.28449327	3.41775642

0.33783273	0.46431597	0.20094932	0.12940013	0.20376137	0.1631472	0.10748125
0.74225497	0.69382957	0.63182135	0.6130584	0.74597706	0.48541044	0.95196402
0.02223688	0.04194346	0.01060172	0.30056849	1.00E-04	0.12518511	1.00E-04
1.00E-04	1.00E-04	0.0054673	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0103536	0.02171448	1.00E-04	1.00E-04	0.27050184	1.00E-04
0.16861771	0.16901923	0.17522311	0.12618852	1.00E-04	0.15921423	0.24651165
0.44913522	0.36179826	0.49623025	0.22454176	0.79730812	0.71496397	0.95796167
1.00E-04	0.01917542	0.00474163	1.00E-04	1.00E-04	0.07549578	1.00E-04
0.31833579	0.19821888	0.21033095	1.06023556	0.55561578	0.58838193	0.95931832
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21740692	0.07583193	0.14321757
0.09730029	1.00E-04	0.01220059	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02453784	0.11314974	0.07650653	1.00E-04	0.16286101	0.19290121	0.08515495
0.0463377	0.05142436	0.02548468	1.00E-04	0.26043352	1.00E-04	1.00E-04
1.37347435	1.46046203	1.59002433	1.42106461	1.6540982	1.4691512	1.76884905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12424801
1.00E-04	1.00E-04	0.01062387	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03175117	0.02643615	1.00E-04	1.00E-04	0.2071914	1.00E-04
0.10245808	0.01966371	0.02049081	1.00E-04	0.08706489	0.08433155	0.11180616
1.55111336	0.98986942	1.0875465	2.02014401	2.21361902	1.99124267	1.96691238
0.06944337	0.00584394	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01630757	0.01209526	1.00E-04	1.00E-04	1.00E-04	0.11734651
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0933768
0.84146902	1.67501844	0.57510426	0.22777842	0.48786843	0.99466111	0.43281564
1.00E-04	0.01253098	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0455161	0.19031001	0.10208808	1.00E-04	1.00E-04	0.07683714	0.2504871
0.07841962	0.11738887	0.06648826	1.00E-04	1.00E-04	0.07196405	1.00E-04
0.31892838	1.11627581	0.49812641	1.00E-04	0.14736843	0.59116889	0.23493457
1.00E-04	0.16046143	0.05155041	0.73582944	0.23913692	0.40129926	0.1930825
0.044895	0.02293579	0.06977008	1.00E-04	1.00E-04	0.07566348	0.10968619
1.00E-04	0.00413784	0.00513827	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60586792	0.38138687	0.43600781	1.14549053	1.57343098	1.32029087	1.22880766
0.71867439	0.54649901	0.67259045	0.31671704	0.34758616	0.43924915	0.53978419
0.16387483	0.00646079	0.02088224	1.00E-04	0.13255221	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06999207	0.07219681	0.08996449	0.22002027	1.00E-04	0.11627297	1.00E-04
0.26621799	0.08311726	0.20535652	1.00E-04	0.23442958	0.2005803	0.26096176
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54249267	0.53316235	0.47024925	0.5381536	0.77615179	0.84834908	0.89377516
1.00E-04	1.00E-04	0.0081146	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05477093	1.00E-04	0.03066676	1.00E-04	1.00E-04	0.06162401	0.14368443
1.00E-04	0.02820739	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1332602

0.66551595	0.36916841	0.30728381	1.00E-04	0.10354547	1.00E-04	0.181866
1.00E-04	1.00E-04	0.00483532	1.00E-04	1.00E-04	1.00E-04	0.07286935
0.31815636	0.46805884	0.45659841	1.00E-04	1.00E-04	0.21387065	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07057716	1.00E-04	1.00E-04
1.00E-04	0.00728983	1.00E-04	1.00E-04	1.00E-04	0.03088157	1.00E-04
0.73159479	0.8527083	0.3555127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01181989	0.02489899	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00511077	0.68734639	0.76523997	0.7808306	1.18641845	1.09711663	0.90658409
1.43796414	2.02191983	1.98585207	0.24959278	1.00E-04	0.15043216	1.00E-04
1.71543743	2.44379833	2.30188454	0.12296727	0.35162596	1.33341642	1.27772838
1.00E-04	0.01002515	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00320553	0.00484949	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0139456	1.00E-04	1.00E-04	0.10388842	1.00E-04
0.10174607	0.04228672	0.0260414	0.27774349	0.1141597	1.00E-04	0.22312642
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02725763	0.06504188	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06588329	0.11484214	0.17806232	0.72946555	0.24020962	0.25164818	0.14877701
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24475184	1.00E-04	0.10856699	1.00E-04
1.00E-04	1.00E-04	0.01069661	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05142392	0.0083517	0.01483789	1.00E-04	1.00E-04	1.00E-04	0.10053117
0.03001109	0.01941189	0.03084541	1.00E-04	0.10155905	0.230769	0.22547128
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01692108	1.00E-04	1.00E-04	1.00E-04	0.07030128
0.09887487	0.04929129	0.03137373	0.23572193	1.00E-04	0.09775294	0.06468608
0.02782236	0.01315173	0.01316759	1.00E-04	0.17345052	1.00E-04	0.07415493
1.00E-04	0.06596263	0.08052354	0.26357792	0.39050142	0.15852377	1.00E-04
1.49190266	1.03176604	1.11553125	2.00901709	2.11111199	2.23203763	2.23144765
1.00E-04	0.01625625	0.00927544	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02556515	0.04703099	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00592596	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70785734	0.38170678	0.60487989	0.21471554	0.45191604	0.40702006	0.2358182
1.00E-04	1.00E-04	1.00E-04	0.27408614	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01666908	0.00920122	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05543595	0.08301892	0.08752287	1.00E-04	0.10825087	1.00E-04	0.10433535
0.02827607	0.03142249	0.02211991	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08064165	0.06316413	0.0773884	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54108352	0.24095674	0.20390082	0.95827175	1.06587361	0.9785884	1.14036524
2.26580014	1.45919978	1.89846034	1.60670181	1.5446622	0.97585298	1.65280313
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.02211958	0.01345023	0.00452487	1.00E-04	1.00E-04	0.30744202	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12061575	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00791529	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01032582	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51162617	0.21694516	0.29731819	1.46090315	1.85775935	1.19163635	1.39977538
0.06432485	0.04524203	0.02076175	1.00E-04	1.00E-04	0.10933162	0.05270496
0.35665138	0.40534421	0.56948906	1.00E-04	1.00E-04	1.00E-04	0.13514953
1.00E-04	0.0407018	0.03839829	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10035533	0.13778663	0.207584	0.24589057	1.00E-04	0.11064064	1.00E-04
0.03589182	1.00E-04	0.02833411	1.00E-04	0.33616221	0.20009184	1.00E-04
0.1843589	0.18887393	0.18761299	1.00E-04	0.44613773	0.625992	0.84666547
1.00E-04	0.02803883	0.00773861	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02904533	0.03170931	0.00757883	0.21876784	0.15360382	0.13108587	0.0725698
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1092764	0.02721033	0.01094836	1.00E-04	1.00E-04	0.01014713	1.00E-04
1.00E-04	0.02878218	0.01054634	1.00E-04	1.00E-04	0.05331653	0.08536086
0.29126022	0.09720411	0.10949898	0.65224481	0.76772498	0.5671486	0.18818093
0.026361	1.00E-04	0.00516708	1.00E-04	1.00E-04	1.00E-04	0.19880598
0.19363945	0.03768371	0.05412135	1.00E-04	1.00E-04	0.05524314	1.00E-04
1.00E-04	0.01974702	0.00873243	1.00E-04	1.00E-04	0.05910399	1.00E-04
0.2036164	0.05086799	0.05175206	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30663357	0.61365649	0.25113133	1.00E-04	1.00E-04	0.12402042	0.19571176
0.59193476	0.98922407	0.83044196	0.4258304	0.52273876	0.49558194	0.59736497
0.21737712	0.23342236	0.23902546	0.17013397	1.00E-04	1.00E-04	1.00E-04
0.96090877	0.52798208	0.77707324	0.41010575	0.1310124	0.27301192	1.00E-04
0.0670997	0.08626252	0.00930601	0.12466307	1.00E-04	0.23951267	0.05419315
1.00E-04	0.01060467	0.02718512	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00578295	0.01991229	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14911057	0.14835437	0.06120568	0.11468604	0.16363962	0.11671197	0.06790812
0.41367175	0.17242955	0.2493615	1.00E-04	0.14787712	0.28060124	0.09516424
0.41968996	0.23138329	0.34811187	1.15984857	1.61519692	1.2092016	0.84126429
2.49565977	2.35054273	2.41874434	2.3702444	2.4263917	2.40337253	2.61690193
1.13775697	0.72181825	1.00334275	1.69595963	1.72522235	1.61732151	1.84540786
1.00E-04	0.00546616	0.04804107	1.00E-04	1.00E-04	0.04265583	0.12954069
1.79286998	1.80311698	1.9395463	1.32517279	1.75403644	1.77527035	1.99172841
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47420451	0.52681131	0.50004204	0.57963031	1.22520234	1.03426825	1.26023601

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30052638	0.573286	0.4278101	1.00E-04	1.00E-04	1.00E-04	0.13561724
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00445985	0.02519792	1.00E-04	1.00E-04	0.08598838	1.00E-04
0.04491527	0.02491883	0.00919798	0.62270768	1.00E-04	0.127519	1.00E-04
1.00E-04	0.00854017	0.02292823	0.31514552	0.09162161	1.00E-04	0.22816183
0.05087815	0.07578522	0.03823539	0.12912625	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00814203	1.00E-04	1.00E-04	1.00E-04	0.10741582
0.05622694	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22376895
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01914855	1.00E-04	1.00E-04	0.09473845	0.05935406	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01828272	0.02160739	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14945364	0.09984317	0.17242168	1.00E-04	0.22630284	0.34433971	0.33309662
1.58463338	1.31986026	1.79934926	1.1719715	2.3709734	2.60561541	2.6843602
0.13049419	0.03836025	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02766189	0.04023873	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02748251	0.08583592	0.01873831	1.00E-04	1.00E-04	0.05091489	0.12683909
0.02834907	0.00743434	1.00E-04	1.00E-04	1.00E-04	0.05341205	1.00E-04
1.4107785	1.03957587	1.36033222	1.1704022	1.03192103	1.04786349	1.31239048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29267468	0.47421941	0.29739534	1.00E-04	1.00E-04	0.11230924	1.00E-04
0.0379772	0.02728963	0.04818544	1.00E-04	0.10738332	0.02564287	0.27804037
0.07892258	0.03618385	0.04528654	1.00E-04	1.00E-04	0.28344397	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36889042	0.13863328	0.25081654	1.16273923	1.03014001	1.17381313	1.11250532
1.00E-04	0.02132893	1.00E-04	1.00E-04	0.07470679	1.00E-04	0.33626768
1.00E-04	0.00710214	0.02219579	1.00E-04	1.00E-04	1.00E-04	0.11688003
1.00E-04	0.00568079	0.02054732	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64178599	0.23662499	0.46022363	2.16139063	2.32442479	2.32393544	2.41714122
0.70292276	0.91088917	0.92892236	1.00E-04	1.00E-04	0.16195638	0.24671551
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02039492	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01476127	0.02230801	1.00E-04	0.08925724	0.05418876	1.00E-04
1.00E-04	1.00E-04	0.00403364	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09916358	1.00E-04	1.00E-04
1.00E-04	0.0057773	0.02118298	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04572807	0.02322294	1.00E-04	0.26303897	0.15479587	0.16767217
0.17329853	0.11231057	0.13842207	0.2051859	1.00E-04	0.1281039	0.22605176
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01251424	0.04375499	1.00E-04	0.1568666	0.06761743	1.00E-04

1.00E-04	0.00569905	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22351027	0.13699892	0.09417444	1.00E-04	0.24098718	0.40685502	0.05905036
1.00E-04	0.01753142	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0032779	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1027498	0.00931218	0.02392711	1.00E-04	0.11617045	0.12892769	0.24509917
1.00E-04	0.00608844	0.0147422	1.00E-04	1.00E-04	0.14204014	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22260548	0.18651571	0.25050985	0.76661876	0.31949656	0.545685	0.6505196
1.00E-04	0.00827983	0.0343626	1.00E-04	1.00E-04	1.00E-04	0.36241705
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0102679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08426329	0.06904552	0.14316103	0.17393759	0.11792808	0.18592273	0.21261593
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07300495
1.00E-04	0.00723122	0.01086176	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00653887	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16271586	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00399386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0125196	0.0083714	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12826005	0.15952043	0.12044543	0.41431958	0.58503222	0.26406259	0.43571767
1.00E-04	0.00524734	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01758172	0.02349108	1.00E-04	0.15360382	0.18160296	0.10830594
0.01884141	0.08183259	0.08699954	1.00E-04	1.00E-04	0.21135285	1.00E-04
1.00E-04	0.02041714	0.01874136	1.00E-04	0.14227873	0.05540999	1.00E-04
0.41676723	0.24021606	0.58866131	0.88133345	1.06669316	0.93538915	1.37752126
1.82343633	1.79441556	1.78406883	1.93659527	2.31445995	2.70061302	2.18831704
2.24524165	2.37300503	1.4985473	1.69154043	1.49320262	1.62474627	1.16807097
0.13478239	0.01654241	0.01379981	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22886834	0.37923104	0.32589256	0.62029776	0.24618329	0.28496653	0.21108556
1.00E-04	0.00717936	0.01188376	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01722016	1.00E-04	0.67240171	1.00E-04	0.11126052	1.00E-04
1.91303187	1.11316023	1.3742236	1.80568942	1.58975828	1.20476811	1.48734262
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82329506	2.03743985	1.97864132	0.54840996	1.2975475	1.50759656	1.69624049
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.37282006	2.93689949	2.86609844	2.78578962	3.32347389	3.12972714	2.68298345
0.21396988	0.15329324	0.22215916	0.89916311	0.75530579	1.40907459	1.42630886
0.04249328	0.06161463	0.09675521	0.1931457	0.15640833	0.05759105	0.09565425
0.02413594	0.00506306	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56980376	0.24860167	0.62219873	1.36646628	1.21987946	1.15421565	1.55075742

0.25270357	0.12792622	0.11625072	0.44942751	0.08752684	0.22253192	0.55268603
0.03470613	0.02443152	0.00508912	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07279025	0.07116465	0.02085307	0.15408014	0.28786345	0.0830424	0.14162347
0.71601824	0.41497425	0.31423121	0.18605943	0.9719265	0.68121189	1.06325203
6.18740386	6.9617433	6.9690835	3.20303742	3.19045718	4.44665816	4.1074363
3.93954984	3.78918919	3.65197221	2.72213866	2.69050526	2.95602022	3.36659972
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01491198	0.06390964	1.00E-04	1.00E-04	0.34341359	0.30266453
0.30831241	0.17387979	0.390738	1.00E-04	1.00E-04	0.1639497	0.14269598
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06217024	1.00E-04
0.06073701	0.04468798	0.05103449	1.00E-04	1.00E-04	1.00E-04	0.09387347
0.08689371	0.09788006	0.1429369	1.00E-04	0.36595436	0.34998165	0.25267816
1.35285727	1.2746391	1.27616506	1.295134	2.44081771	2.44950592	2.12260919
0.27860135	0.19712393	0.24883789	0.25455879	0.42410358	0.63264167	0.78333312
0.07803408	0.00845279	0.03160963	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00807936	0.01239669	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41319134	1.04197762	1.29780421	1.54281953	1.29257047	2.00998619	2.34261138
2.02029547	2.19865217	2.21916635	1.38278654	1.91900146	1.88326444	2.01788967
1.00E-04	1.00E-04	0.00709364	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09225134	0.1161545	0.20697352	1.00E-04	0.12742873	0.12917563	1.00E-04
0.69972867	0.35393314	0.56003577	0.44480711	0.98544516	1.53337767	1.39328313
0.46719295	0.22734352	0.32061839	0.66787391	1.31339236	0.91869796	1.29679965
0.15008009	0.04791066	0.12179014	1.00E-04	1.00E-04	1.00E-04	0.13074105
1.00E-04	0.00713233	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58858127	0.41499669	0.55853094	0.33520798	1.00E-04	0.36897666	0.4542291
0.12834259	0.01405573	0.01286728	1.00E-04	0.15692408	0.20847117	1.00E-04
0.02212807	1.00E-04	1.00E-04	0.47491254	0.34358158	0.52779756	0.50821999
1.24900236	1.17221055	1.34192639	2.03052089	1.81659294	1.7010367	2.30790094
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47157918	0.24662469	0.34111548	0.30521848	0.72224748	0.87857245	0.8129123
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04438634	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00408232	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04110367	0.68413595	0.90444566	1.06441164	0.97543357	0.99808347	1.13907203
0.05530298	0.06242305	0.09316676	1.00E-04	0.33846621	0.02669312	1.00E-04
1.00E-04	0.0055857	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00903906	0.00945469	1.00E-04	1.00E-04	0.16636304	1.00E-04
0.01792537	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70062281	0.9347508	0.93839265	1.75275357	1.81585045	1.44903	1.55286082
0.05987231	0.09374222	0.07137496	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.57728116	2.72293338	2.61203902	0.94539831	2.32244658	2.36749352	2.13170624
0.30739231	0.15311417	0.21682182	0.11145705	0.8214509	0.39721726	0.47246588

0.68800788	0.40466831	0.46790455	0.73882332	0.96346526	0.79974938	0.95194614
1.00E-04	1.00E-04	0.00689208	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8360968	0.60939229	0.82126311	1.00E-04	0.44095298	0.24438496	0.33421527
0.11561651	0.13111351	0.10220007	0.07865641	1.00E-04	0.33793495	0.1183304
0.21957415	0.08464837	0.13598691	1.00E-04	1.00E-04	1.00E-04	0.21390837
0.1253739	0.03299948	0.0716192	1.00E-04	1.00E-04	0.18114908	0.18949799
1.00E-04	0.02649832	0.0064839	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62197895	0.64236654	0.97221809	1.00E-04	0.56194362	0.75785295	0.85135331
1.00E-04	0.01532703	0.01448572	1.71518847	1.27426912	1.39933937	1.80051955
0.22593058	0.14634333	0.17710058	1.00E-04	0.30068149	0.22554031	0.46839397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24603188	0.15745753	0.14861749	0.13299683	0.50647404	0.49937628	0.41422668
0.29553745	0.3704829	0.25573967	0.20704678	0.16525936	0.27510409	0.43913242
0.04001831	0.04456169	0.0143776	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5111131	0.26232118	0.33341095	0.15997598	1.00E-04	0.03376688	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14106086	1.00E-04	0.07547057
0.15537766	0.26794482	0.38921323	1.00E-04	1.00E-04	0.36083374	0.29427429
1.71707343	1.63384558	1.7214828	0.79438717	1.56835388	1.3833066	1.45188473
1.00E-04	1.00E-04	0.00668436	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00462861	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04448376	0.02186588	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02133876	0.06441352	0.04517504	1.00E-04	1.00E-04	1.00E-04	0.1953668
1.00E-04	0.00658101	0.01054634	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3883714	0.2159048	0.15154889	1.4801773	0.56556218	0.69268395	0.86355848
1.00E-04	0.01015172	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16016937	0.19750956	0.1810699	0.32969899	0.27930312	0.42045853	0.52670616
1.00E-04	1.00E-04	0.0038306	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62357995	0.55505452	0.63924833	0.26208819	1.0142723	0.742725	0.83786318
1.00E-04	0.01737341	0.06567163	1.81390054	1.49930247	1.09060887	1.35133182
1.99745363	2.48904578	2.4452285	0.93140888	0.53257901	1.07295164	0.82779823
2.52671366	2.67526848	2.68027736	0.68697283	1.74175901	1.80659068	2.07767123
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12179003	0.11289993	0.13911002	1.00E-04	1.00E-04	0.09757897	1.00E-04
1.00E-04	0.00925377	0.01250456	1.00E-04	1.00E-04	1.00E-04	0.1736204
0.42131333	0.36774422	0.30921807	1.00E-04	0.09315395	0.20034634	1.00E-04
1.00E-04	0.02800576	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14275375
2.13164109	1.85618309	2.09368139	2.51044876	3.00829908	2.87078787	2.78130533
0.29824747	0.41918402	0.35957386	0.21081255	0.64925007	0.34760885	0.54654419
1.00E-04	0.09330734	0.03664613	1.00E-04	0.37360032	0.32215465	0.43024335
0.11228426	0.03950235	0.03951269	1.00E-04	0.37371111	0.19181679	0.25018613
1.00E-04	0.02116213	0.02749455	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.10325259	0.09443396	0.11604953	1.00E-04	0.08536672	0.1328498	0.15370658
0.08625599	0.1239655	0.07886718	0.12073689	0.23017294	0.05187842	0.0546883
0.15097973	0.05947922	0.06140106	1.00E-04	0.20041948	0.22942792	0.0819335
0.13078633	0.03681622	0.05196455	0.12912625	0.09061501	0.36337294	0.58547622
2.34809385	1.68701908	1.54388017	1.45878801	1.8471578	2.14151959	1.85180222
0.02354334	0.07132093	0.00786947	1.00E-04	1.00E-04	0.09230214	0.27551314
0.54011771	0.29284717	0.30744373	1.04267961	1.3132728	0.82305055	1.2130259
0.16769172	0.06966838	0.20808138	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02018757	0.00764084	1.00E-04	1.00E-04	0.0499865	1.00E-04
0.07557623	0.0352073	0.05335904	1.00E-04	0.0996938	0.19908815	0.27972532
0.39360388	0.44392235	0.41918623	1.00E-04	1.00E-04	0.03941346	1.00E-04
2.83985341	3.08254613	3.22611249	0.28777397	1.0253584	1.93201367	1.59827662
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05641066	0.13317008	0.14378125	1.00E-04	0.33955953	0.17983589	1.00E-04
0.21942473	0.09981556	0.1173651	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23559854	0.06967895	0.0600242	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16516955	0.14874747	0.16620706	0.26084273	0.13246113	0.27545787	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20507164	0.17767194	0.11634822	0.74060777	0.84632225	0.67087276	0.20562269
0.71900819	0.99931937	0.9486737	0.47794308	0.71405216	0.91238417	0.53389095
0.58853899	0.46942685	0.50430204	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91787136	0.76968361	1.06371129	2.19621562	2.25531192	2.23013828	2.44266793
0.07870509	0.021675	0.0052761	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02862629	0.00810119	1.00E-04	1.00E-04	0.21761705	0.07432665
0.4138199	0.39256996	0.41196829	0.47391555	0.71718398	0.90078254	0.51659083
0.02369087	0.14280605	0.13380437	1.00E-04	1.00E-04	0.12989143	1.00E-04
1.00E-04	0.01341717	0.02476868	1.00E-04	0.17240279	0.28883606	0.10740698
1.00E-04	0.00544554	0.01665846	1.00E-04	0.04952949	0.42378888	0.15290658
1.53305882	1.34031726	1.48868246	0.51668329	1.08787134	1.37929949	1.45520939
1.00E-04	0.01595692	1.00E-04	1.00E-04	0.03162172	1.00E-04	1.00E-04
1.00E-04	0.04174171	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01826944	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26553334	0.07040705	0.10335687	0.68966567	1.00E-04	1.00E-04	0.04242841
1.00E-04	0.01636024	0.03565017	1.00E-04	1.00E-04	0.03376688	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25026308	0.9078365	0.7462874	1.33941469	1.43005607	1.60214626	1.76720088
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61798484	0.50524917	0.36734981	0.55778693	0.28279066	0.55688486	0.30719844
0.09498897	0.22820276	0.02735311	1.00E-04	0.19995127	1.00E-04	1.00E-04
0.03206855	0.04149457	1.00E-04	0.12912625	0.39772754	1.00E-04	0.09612314
1.00E-04	1.00E-04	0.00797368	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.2205971	0.10639187	0.15625801	0.7673931	0.26221743	0.3912015	0.70194176
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42780086	0.65447552	1.06296754	2.42736801	2.93791262	2.71194982	2.93164027
0.03600504	0.04247028	0.07395605	0.46311354	1.00E-04	0.06256167	0.09407362
1.00E-04	0.02431074	0.02774526	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06462093	0.07169772	0.10744172	0.31402017	0.36303466	0.27129925	0.45351431
0.05066127	0.00534081	0.02586344	1.00E-04	1.00E-04	1.00E-04	0.08053176
1.00E-04	0.1577445	0.17542758	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35341487	0.80217824	1.05918291	2.10302873	2.97055307	3.34279292	3.46099884
0.01933748	0.08022903	0.00963715	1.00E-04	1.00E-04	0.06910674	1.00E-04
0.26992535	0.17276175	0.17382217	0.92164781	1.2029246	0.88551906	0.72198965
0.37530941	0.06367775	0.14602544	1.77351517	1.3218129	1.12905884	0.85151901
0.94518549	0.496763	0.69590676	3.40681994	3.07292819	3.17034979	3.07654284
0.63649182	0.18206278	0.24975968	1.00E-04	0.11198296	1.00E-04	0.08821937
1.00E-04	0.01560316	0.02718915	1.00E-04	1.00E-04	0.05612722	1.00E-04
1.00E-04	1.00E-04	0.0068862	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22701372	0.08202658	0.17649325	0.14719932	0.30112523	0.23526306	0.25210535
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06620937	1.00E-04
1.00E-04	0.07669528	0.10602469	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03315432	1.00E-04	0.01033817	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09560243
0.18292744	0.10199804	0.07948788	0.85434981	0.837207	0.78122375	1.1343567
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.02805899	1.00E-04
0.81189181	0.09619952	0.26780299	2.33354949	2.55935584	1.81434472	1.78042128
0.04856968	0.00496385	0.00451683	0.23840442	1.00E-04	0.09975763	1.00E-04
1.00E-04	0.01419676	0.00755714	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14625303	0.41180527	0.75249195	2.21500745	2.74494057	2.67185017	2.88354401
0.08363487	0.0209425	0.05276446	1.00E-04	1.00E-04	0.10750572	1.00E-04
1.30821334	1.00527262	1.19085544	1.668941	2.12582057	2.05588486	1.99305453
1.00E-04	0.00688508	0.0147876	0.25238236	0.31885426	0.26799521	0.44914692
0.02819139	1.00E-04	0.06126865	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00584669	0.00406613	0.33494946	0.34807572	0.34881379	0.23282158
0.1051051	0.03552101	0.0561201	1.00E-04	0.06699522	0.05383403	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04789709	0.02355371	1.00E-04	0.74070763	0.58464068	0.2725215
0.29943224	0.11743448	0.1948318	0.67701541	1.62478706	1.44532231	1.63631088
0.05562318	0.03082636	0.00822249	1.00E-04	0.23813111	0.04270165	0.06044523
0.15291516	0.0268248	0.04206513	0.10023149	0.19314393	0.31041332	0.29343624
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08383079	1.00E-04
0.10260646	0.01171329	0.05553995	0.70786315	0.96259889	0.40373034	0.73383443
1.00E-04	1.00E-04	0.0245937	0.16759987	0.20727489	0.15060164	0.14848684
1.00E-04	0.04613165	0.05109328	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14772414	1.00E-04	1.00E-04
1.00E-04	0.00724896	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04278832	0.02463206	1.00E-04	0.17792008	0.15984558	0.04979202
1.00E-04	1.00E-04	1.00E-04	0.31365019	1.00E-04	1.00E-04	1.00E-04
0.19456712	0.17785168	0.09301204	0.35095257	0.69539673	0.25566011	0.61624103
0.97365883	0.39659828	0.52629419	2.08946959	2.8700309	2.62735604	2.64830683
0.34320804	0.78108644	0.49646607	1.04101494	0.84634214	0.90701742	0.45789126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0589737	0.03541947	1.00E-04	1.00E-04	0.17443998	0.1702834	0.17125761
0.04414794	1.00E-04	0.04157577	1.80942563	1.31920745	1.26507723	1.48275416
1.00E-04	0.08085939	0.13051874	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01169179	0.0047866	1.00E-04	1.00E-04	0.13959824	0.042505
0.38948935	0.21239317	0.42086176	1.12902767	1.34362582	2.32656451	2.54154066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13137176	0.16927553	0.21869051	0.50805223	0.99120606	1.0276794	1.09144657
0.51357244	0.55109701	1.08829985	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18745395	0.08354705	0.08493192	0.4465383	1.30837326	0.5848101	1.00127442
0.02728739	0.00575373	0.03361578	0.10887239	0.60855877	0.23041962	0.07740652
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04116859	0.09612314
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01927407	0.01681489	1.00E-04	0.16020042	1.00E-04	0.13943289
0.54100401	1.11630932	0.83710871	1.00E-04	0.13292222	0.40660003	0.73274827
0.28124868	0.11419727	0.09804657	1.00E-04	0.16974423	0.04985067	0.22874472
1.91955348	1.36225133	1.70006375	2.72908537	3.60637459	3.64070276	3.87295553
0.10133997	1.00E-04	1.00E-04	1.00E-04	0.11545089	0.13234015	0.13954477
1.00E-04	0.03122919	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01155721	0.01255625	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01564607	0.06273105	1.00E-04	1.00E-04	0.07168281	0.17433505
0.16931696	0.0559689	0.22533413	1.00E-04	0.54071981	0.3312224	0.72559024
0.32562466	0.31798426	0.34825533	0.3147476	0.72185567	0.66506489	0.51011048
1.00E-04	0.01264278	0.02327147	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09146531
1.00E-04	0.01274063	1.00E-04	1.00E-04	0.46419459	0.21588794	0.91498408
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61565826	2.24716974	2.27014657	1.75759654	1.89640861	2.10840448	2.15135021
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01264795	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01201663	0.00662022	1.00E-04	0.30812666	0.06761743	0.45087488
1.00E-04	0.02751819	0.0253439	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.007843	0.00622122	1.00E-04	1.00E-04	0.27453714	0.33796819
0.07176564	0.03008814	0.05863536	1.00E-04	0.09941646	0.48694856	0.24309335

0.57124712	0.33062948	0.48374341	1.94217716	1.90528456	1.88320003	1.86138031
0.93421973	0.74096393	0.72291761	1.66288777	1.98583076	2.1223185	1.9934957
0.16055138	0.16799579	0.24601574	0.18267183	1.00E-04	0.39078507	0.07267436
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.90079326	0.88714942	1.70672893	0.50898931	0.57555856	0.4243358	0.56589621
1.00E-04	0.01147791	0.00626465	1.00E-04	1.00E-04	0.05919201	0.06183173
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01192844	1.00E-04	1.00E-04	0.15005259	1.00E-04	1.00E-04
0.11760954	0.05136386	0.1046008	0.1364171	1.00E-04	0.03682718	1.00E-04
0.91422348	0.6108637	0.63837198	0.82635763	0.63499327	0.73878097	0.65947045
1.98586511	1.45984739	1.63966528	1.7085304	1.89851183	1.53457727	2.10918012
0.15972262	0.08978931	0.09625086	1.1422164	0.7638089	0.73208847	0.73487685
0.08498659	0.01576447	0.01202358	0.30293835	0.19689126	0.38421357	0.1658629
2.52033876	3.18011704	3.00824034	1.35346908	1.93030865	2.40106687	2.02416962
0.21898702	0.05089987	0.05511654	1.32351382	0.9416257	0.79060247	1.01424772
1.05541714	0.45460633	0.69189432	2.51011388	2.81469045	2.19655129	2.38695003
0.0836256	0.07817083	0.08754856	1.00E-04	0.73956044	0.51421496	0.48524603
1.00E-04	0.04635762	0.03714418	1.00E-04	1.00E-04	1.00E-04	0.13698679
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18145199	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00398251	1.00E-04	0.25719295	0.54910935	0.31498612	0.31706629
0.2780947	0.6581515	0.07234016	0.23124065	0.23984916	0.50352884	0.37108965
1.00E-04	0.02138628	0.00596083	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37244195	0.20081703	0.13601864	0.64858576	0.55970274	0.69484514	1.02924912
1.95744533	1.98709623	1.95180113	1.82754682	1.91294192	1.74673071	1.84299234
0.2806455	0.06990297	0.15531302	0.90074165	0.6782896	0.50633169	0.83452542
0.5846476	0.19157121	0.15187072	1.00E-04	1.00E-04	0.18196789	1.00E-04
0.06134264	0.20058542	0.11954265	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26188773	0.18301561	0.29348604	1.00E-04	0.27614887	0.14874762	0.44584289
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01272779	0.03245457	1.00E-04	1.00E-04	0.09771287	0.07005023
1.00E-04	1.00E-04	0.02398342	1.00E-04	1.00E-04	1.00E-04	0.07681705
0.26878943	0.52328411	0.53144782	1.00E-04	1.00E-04	0.14175488	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14736843	0.04715037	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01158228	1.00E-04	1.00E-04	1.00E-04	0.02458062	1.00E-04
1.00E-04	1.00E-04	0.00518954	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16451632	1.00E-04
0.0510643	0.09691374	0.05847397	0.27234446	0.31188245	1.00E-04	0.12481951
1.00E-04	0.00503656	0.00537757	1.00E-04	1.00E-04	0.13838328	1.00E-04
0.03854985	0.0357453	0.0398958	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02030983	0.00716472	1.00E-04	1.00E-04	0.14068233	1.00E-04

1.00E-04	0.00397003	0.0154384	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0186532	0.04490315	0.08734101	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88607097	0.67438857	0.7159529	0.77763268	0.51553997	0.77274335	0.93643781
2.15838608	2.42157718	2.56738973	0.15800658	1.14344066	1.14270788	1.74073072
0.05433998	0.03129161	0.02009263	1.00E-04	0.30992421	1.00E-04	1.00E-04
1.70279108	0.99734875	0.89647299	0.5879309	1.19682855	1.11681436	0.99373943
0.26278758	0.48957538	0.48763058	1.00E-04	0.29847324	0.10055727	0.05807917
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06514225	1.00E-04
0.08001875	0.03188303	0.03570475	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.8710534	1.89204313	2.03124873	2.95345413	3.44489278	2.75291454	2.71869433
0.03150557	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04407479	0.03339649	1.00E-04	1.00E-04	1.00E-04	0.0852395	1.00E-04
0.60467998	0.25768476	0.23694531	0.37041597	0.30498431	0.11607246	0.52321046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20924461	0.03861584	1.00E-04
0.11176395	0.27439229	0.1940017	1.00E-04	0.34894555	0.25977766	0.18552413
1.00E-04	1.00E-04	0.00701749	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23232152	0.07937084	0.09969927	1.00E-04	0.31822404	0.25088294	0.13237772
2.77511292	1.61218979	1.59385311	1.32586588	1.83007019	1.34704587	0.97135304
0.61039524	0.79605296	0.87561636	1.00E-04	0.05143167	0.2679449	0.29102767
0.78581556	0.36751377	0.45887286	0.67302283	1.02905669	0.99278968	0.87942535
0.04873907	0.0224069	0.02785677	1.00E-04	1.00E-04	0.0454868	0.12629416
0.23330605	0.01699026	0.02647427	1.00E-04	1.00E-04	1.00E-04	0.29191882
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04594691	0.00457255	0.0079983	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11472015	0.87233081	0.90824489	1.00E-04	0.12896243	0.49100731	0.17846498
1.88232828	0.85260721	1.05428861	0.73146881	1.59137871	1.32195131	0.73598867
2.1826167	1.93063439	2.05931521	1.263531	1.54770931	1.89602538	1.97235203
1.00E-04	0.04351665	0.0329596	0.16926772	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07494193
0.1986123	0.14490341	0.13079825	1.00E-04	0.36910569	0.40618824	0.42181921
0.02867157	0.05998843	0.06723283	0.08114769	0.27466132	0.26155774	0.0798939
1.00E-04	0.06838011	0.01936479	1.00E-04	1.00E-04	1.00E-04	0.18758033
0.38996845	0.24030002	0.26758724	0.48591022	0.74335255	0.23393877	0.3363788
0.33911073	0.34382251	0.43718556	0.29408846	1.02875452	0.53779328	0.95258243
0.14601633	0.09513144	0.10601127	1.00E-04	0.23132566	0.52467194	0.08960781
1.04834697	0.97551991	1.3325607	2.09473543	2.52269292	2.86544769	2.95581019
1.00E-04	0.00653838	0.02041461	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00515623	0.03110152	1.00E-04	1.00E-04	0.05425039	0.3162129
1.63474104	1.12897023	0.95687016	1.47953312	1.43044606	1.54207071	1.25985749
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12697736	0.03713356	0.08915372	1.00E-04	0.41925627	0.11798115	0.51363964

0.60731486	0.403977	0.40353329	0.43489429	0.13886649	0.45331482	0.41889205
0.97022388	0.26000412	0.5445023	0.46090067	0.75581518	0.64628471	0.86027013
0.83180106	0.32550922	0.35060494	0.95712437	1.46058322	0.88185721	0.80933606
1.49230979	0.95606276	0.93302696	0.68028183	1.44103795	1.84876269	1.68591473
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19791375	0.05146365	0.00484385	0.21631861	1.00E-04	0.16737471	0.18648779
0.10089713	0.04531871	0.09897768	1.00E-04	1.00E-04	0.10952198	0.29896616
0.7672733	0.95142235	0.70232529	0.31516884	0.18200544	0.35792349	0.4394963
0.4547162	0.22650882	0.29772957	0.35197358	0.44459124	0.61362268	0.59798037
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42917848	0.46070853	0.53732826	0.53336312	1.21612132	1.27831997	1.323739
0.1060628	0.02639517	0.05738428	1.00E-04	1.00E-04	0.06667381	1.00E-04
0.07975162	0.01117095	0.01676186	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63753609	0.725773	0.79396833	0.21056809	0.83073734	1.17815266	1.54491176
0.10242234	0.04446527	0.13894183	0.0975227	1.00E-04	0.25789844	0.22357245
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33378248	0.29119963	0.70345978	1.55712368	1.83737145	2.40473318	2.807465
0.329058	0.48287885	0.67345022	0.31762369	0.57069556	0.1475394	0.20088879
0.95379365	0.79474051	1.11023558	1.29965659	1.43320496	1.7120226	1.68378503
1.32971714	1.44748637	1.4976652	0.48026009	0.62218837	0.74218175	0.79273503
1.07619364	1.18780134	1.22841449	0.33032794	1.05948004	0.82676328	1.53865723
1.00E-04	0.03581257	0.03345807	1.00E-04	1.00E-04	0.11249852	0.14858891
0.09278235	0.03209688	0.02775069	0.15149614	0.11705863	0.03116806	1.00E-04
0.41435265	0.20863175	0.19345193	0.32769656	1.04448153	1.39644266	1.39294209
1.00E-04	0.00427758	0.00598813	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09539634	0.12833757	0.10455438	0.29134655	1.00E-04	0.24413448	0.33808589
1.00E-04	0.01704024	0.01977265	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02323615	0.00817191	0.02030596	0.36689849	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02990681	0.10595939	1.00E-04	1.00E-04	1.00E-04	0.17772763
1.00E-04	0.01505902	0.05621718	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12019131	0.11668204	0.11876447	0.26472667	0.30279486	0.0555261	0.382094
0.71727311	0.70685028	0.56778569	0.51971608	0.2746308	0.21417638	0.25855013
1.21837415	0.92112864	1.15824136	1.10433721	0.69270823	0.7063178	1.18836179
0.30836132	0.03156041	0.18069444	0.79971568	0.02972907	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01711585	0.07149787	0.06295589	0.39492988	0.26671989	0.41577376	0.19486582
0.24673231	0.09232024	0.1731465	1.00E-04	1.00E-04	0.25235676	0.11064921
0.02125812	0.13525669	0.06763864	1.00E-04	0.19553918	1.00E-04	0.07651738
0.60548898	0.59301146	0.75238239	0.79665542	1.00E-04	0.05649954	0.56681082
0.10847154	0.3131091	0.44506347	0.19286591	0.30830881	0.27014772	0.54856436
1.00E-04	0.0172699	0.02885254	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.04669522	0.06305704	0.0344013	1.00E-04	0.19490818	0.0860083	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33242266	0.52122346	0.65047079	0.15228436	0.76433889	0.70561169	0.47777064
0.03089357	0.01672533	1.00E-04	1.00E-04	1.00E-04	0.04048381	0.1093802
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00653855	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52148657	0.93491182	1.15200631	1.15252317	2.19632294	1.84126842	2.45564702
0.4855012	0.48098026	0.43342751	0.67500354	0.132947	0.4219096	0.53527143
0.16980212	0.1176553	0.14124232	1.00E-04	0.25207802	0.44732464	0.19553318
0.69688443	0.60694261	0.66957912	0.28716169	0.08373356	0.0746511	0.32655383
0.35714336	0.15210855	0.05899444	0.10767201	0.64940895	0.49773897	0.19572065
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05502459	0.0616626	0.05129657	0.11575559	1.00E-04	1.00E-04	0.18205398
3.18173207	3.11000359	3.45971473	2.7968109	3.29287685	3.65896631	3.63142538
0.29429534	0.1726337	0.2650987	0.27633206	0.87096559	0.85127802	0.98629046
1.00E-04	0.01518434	0.11884344	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61403627	0.17132495	0.15966727	1.00E-04	0.51364547	0.57875341	0.31305309
1.00E-04	0.00276369	1.00E-04	1.00E-04	0.12010882	1.00E-04	1.00E-04
0.65222129	0.60030106	0.85160507	0.96908627	1.55559542	1.12662509	1.55506643
0.49481286	0.28986158	0.70615195	1.00E-04	0.18808463	0.06514225	0.31254431
1.14110779	0.69790306	1.05351657	0.34007567	1.09065972	1.30320778	1.07194992
0.07050003	0.0246743	0.01575214	1.00E-04	0.15349374	1.00E-04	0.22716941
0.03491046	0.0058122	0.03184547	1.00E-04	0.16605093	1.00E-04	1.00E-04
0.50926347	0.36562209	0.37450519	1.04160584	1.49716385	1.53210333	1.08365173
0.07024744	0.02075877	0.01199828	1.00E-04	0.19480871	1.00E-04	0.22876656
0.26800882	0.29297989	0.05163462	0.09754868	1.00E-04	0.05996598	1.00E-04
0.13915608	0.05337855	0.060055	0.19599459	0.35458422	0.16448589	0.09516424
0.24157586	0.29120888	0.38042797	1.00E-04	0.12750455	0.1773426	0.24299576
1.00E-04	0.00415529	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08903459	0.08638315	0.05974501	1.00E-04	1.00E-04	0.07112687	0.11998025
0.23924768	0.11396518	0.08841744	0.13956435	0.22563883	1.00E-04	0.33290206
0.26078531	0.1170749	0.10064457	1.00E-04	1.00E-04	0.13768791	1.00E-04
0.02370914	0.03570862	0.02929058	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32115816	0.26802857	0.12845695	1.20022538	1.5869037	1.46127198	1.2888311
1.14121873	0.58775594	0.5536888	1.17788086	1.46350075	0.9800476	1.12524132
0.07892389	0.04391372	0.02508281	1.00E-04	1.00E-04	1.00E-04	0.18139774
3.71921771	3.84669442	3.8097736	2.88822719	3.01732639	3.22885201	3.30983687
1.00E-04	0.01876376	0.03142921	1.00E-04	0.1242879	1.00E-04	0.11868866
1.00E-04	0.01466243	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23497758	0.7089042	0.93638249	1.23239994	1.56447872	1.43598708	1.61767775
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06099006	0.12706197	0.10592578	0.47904189	0.4035476	0.65340654	0.5342944
0.38035403	0.27981303	0.37077997	1.0907718	1.17684808	0.6393886	0.67317021

0.34645242	0.33789229	0.58689704	0.42861224	1.02697229	0.7040262	0.75777024
1.08549941	1.29727177	1.40904812	0.99348076	1.088145	1.58509311	2.01760684
1.00E-04	1.00E-04	0.03503028	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00457643	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14022204	0.374037	0.46616249	0.18317528	0.19707268	0.05621984	1.00E-04
1.37703216	1.06963117	1.46249631	1.44764372	2.11982107	2.33113675	2.29744967
0.31637756	0.06243466	0.07806414	0.30380967	1.00E-04	0.11953144	0.2762393
0.06340666	0.07082682	0.08998442	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1422234	0.11419507	0.11519587	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94715607	0.7624077	0.7819918	0.89731014	1.04313534	0.9488545	0.6459297
1.00E-04	0.01624987	1.00E-04	1.00E-04	1.00E-04	0.04353564	0.0980729
1.06915548	1.7115188	1.63771877	0.84580146	0.76087527	1.19517704	0.78361481
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07658477	0.06612483	0.11713205	0.17246091	0.3623596	0.32797553	0.28190077
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00691222	0.82784584	1.0656247	0.38266319	1.28827492	1.17085318	1.15896229
2.52145615	2.08371979	1.83297322	2.63194887	3.5193152	3.07058678	2.90211196
1.00E-04	0.05054621	0.00783623	0.42968483	0.42084502	1.00E-04	1.00E-04
0.05431292	0.03737605	0.18400521	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75996374	1.66325562	1.98145097	1.28459815	0.97876117	1.65260527	1.95656616
1.00E-04	1.00E-04	0.04199755	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00905769	0.04131862	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38443516	0.3621696	0.40304762	1.00E-04	1.14444534	0.26243223	0.14305016
0.77215298	0.60427323	0.56139337	2.39523435	3.27223134	3.66689743	3.05899458
2.46719182	2.47967146	2.50704183	3.04902618	3.45974705	3.48650385	3.70308714
0.11483892	0.03990576	0.06999545	0.53922735	0.32471756	0.27801972	0.59515821
1.86324089	1.87201022	1.86463308	0.48414203	1.26845299	1.8956194	1.71177699
0.26345416	0.15787599	0.14956606	1.00E-04	0.41951701	0.30390001	0.26305208
0.03482142	0.03765213	0.01894269	1.00E-04	1.00E-04	0.12128422	1.00E-04
0.02402029	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04768773	1.00E-04
0.42507438	0.23557273	0.12140832	1.41288057	0.97145437	0.97627291	0.80170903
1.00E-04	0.01960144	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00579808	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30890793	0.50296471	0.53874837	1.00E-04	0.30797579	0.21270133	0.10961804
0.02250707	0.04018372	0.06509247	1.00E-04	1.00E-04	1.00E-04	0.15029915
0.61998666	0.56350199	0.82275954	0.43558254	1.13180926	0.99296439	1.39454434
0.26892641	0.49973488	0.65067773	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04302357	0.02581206	0.02896467	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12420779	0.01498011	0.02024762	1.00E-04	0.42902586	1.00E-04	0.05408525
0.064542	0.07247077	0.09920979	1.00E-04	0.31965359	0.24428549	0.07006413
0.08265518	0.05958655	0.03434074	1.00E-04	0.08608632	0.39797008	0.31804967
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.0730122	0.09300684	0.0597888	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49192113	2.4189158	1.86304171	0.9506374	0.78051771	1.0021332	1.1167952
0.11383033	0.0370908	0.08722595	1.00E-04	1.00E-04	1.00E-04	0.18648779
0.09816905	0.07664205	0.24676415	0.40955777	0.44991238	0.43403002	0.11482604
1.00E-04	1.00E-04	0.01373767	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06055753	0.00728384	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01177806	0.06194725	1.00E-04	0.11422053	1.00E-04	1.00E-04
1.28078683	1.13680875	1.17212043	0.72787521	0.90082494	1.16600577	1.67641987
0.13848438	0.06895799	0.17342469	1.00E-04	0.30679916	0.04048381	0.40455057
0.15640377	0.20167524	0.29401583	0.27357156	0.14361407	0.54465544	1.00E-04
0.55079449	0.33218349	0.33129402	0.66768348	1.25513206	0.45672158	0.55076163
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0128957	0.07532237	0.23760236	0.247676	0.02883227	0.4933886
0.04354895	0.1362168	0.15700717	0.26672862	0.37982344	0.43877468	0.75296056
0.4205583	0.12880253	0.09414101	1.3349534	1.42028562	2.03543794	2.21554593
0.38579206	0.09164054	0.13731024	0.14702188	0.20522252	0.048621	0.35975074
1.00E-04	1.00E-04	0.00635837	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43069071	0.36015381	0.27429216	0.22992945	1.06325157	1.62442293	1.47325429
0.34565319	0.36085932	0.53665776	2.50920799	2.03722654	2.15506493	2.87702454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08827801	1.00E-04	0.07769714	0.19564716	0.08953962
1.15509365	0.51274865	0.59203572	1.87295157	1.76353857	1.74105167	1.74599177
0.1344091	0.00661327	0.00728138	1.00E-04	0.3064516	1.00E-04	1.00E-04
0.03970052	0.03713056	0.02866899	1.00E-04	1.00E-04	0.11125904	1.00E-04
0.94553421	0.37972821	0.3680052	1.41117417	2.17914782	2.14155398	1.78349409
0.1830556	0.11431828	0.2027261	0.91769258	0.1932667	0.77819772	0.67630151
1.00E-04	0.0065236	0.03778042	1.00E-04	0.09046211	1.00E-04	1.00E-04
1.24050209	1.24816432	1.5860908	1.31860807	1.25141994	1.30512639	1.74752854
1.02123182	0.73419169	0.8123294	0.4924599	1.11892856	1.6144524	1.18197687
0.82224013	0.56586514	0.53558347	1.00E-04	1.00E-04	0.20263304	1.00E-04
0.04134031	0.0384732	0.09684377	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35779048	0.50716448	0.84135423	1.05915285	1.56621576	1.44653362	1.64116655
0.13218993	0.01423545	0.02310765	1.00E-04	0.304338	1.00E-04	0.0946031
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17696482	0.19264347	0.18867283	0.12008349	0.44014932	0.10512566	0.08687332
0.47724019	0.62670104	0.9415111	0.26559486	0.06819865	0.06045241	1.00E-04
0.15450712	0.14213245	0.098383	1.00E-04	0.49297069	1.00E-04	1.00E-04
1.00E-04	0.01059685	0.00929467	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04182005	0.0148477	1.00E-04	0.10404798	0.08184509	0.2748149
0.09307569	0.08480772	0.05279697	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00691569	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00631102	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27783379	0.21002244	0.39387732	1.00E-04	0.11304594	0.19237625	1.00E-04
0.0227289	0.00538693	0.01031226	1.00E-04	0.28023854	1.00E-04	0.12906671
0.02357945	0.01154177	0.01074191	1.00E-04	1.00E-04	0.13483027	0.0539448
0.36120586	0.09529363	0.18021922	0.81771182	1.10749001	1.16989334	1.04033438
1.00E-04	0.027476	0.01027736	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01945994	0.02803311	1.00E-04	0.14385516	1.00E-04	1.00E-04
1.00E-04	0.00594953	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04349486	0.00756575	0.00658908	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10597516	0.02504441	0.06458565	1.00E-04	1.00E-04	0.28097889	0.30817213
0.10325859	0.03369377	0.02375969	1.00E-04	0.17136767	0.08024733	1.00E-04
0.09623892	0.07357928	0.26168342	1.00E-04	1.00E-04	1.00E-04	0.06876779
1.00E-04	0.00845869	1.00E-04	1.00E-04	0.14082904	0.21039544	0.04336616
1.00E-04	1.00E-04	0.01560886	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01904931	0.01689141	1.00E-04	1.00E-04	1.00E-04	0.1304992
0.16092347	0.08510293	0.14188156	1.00E-04	1.00E-04	0.4714366	0.07742349
1.00E-04	0.00652463	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18448753	0.20169022	0.06740324	0.06245449	0.46822699	0.53989912	0.63981608
1.00E-04	0.06321838	1.00E-04	0.28741256	1.00E-04	0.29218013	0.13453092
0.18198853	0.07370531	0.15454743	0.68866941	0.81116123	0.73317111	0.22764351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00618275	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29963613	0.08878865	0.11691094	0.80408779	0.79790282	0.37973247	0.20892573
0.2864086	0.24575482	0.34784001	1.00E-04	0.47494232	0.34413856	0.62099528
0.06236882	0.00877903	0.01753221	0.1238617	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01030137	0.02943754	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06031948	0.0598315	0.07960474	1.00E-04	0.49879312	0.14953083	0.19433381
1.00E-04	1.00E-04	0.0292849	1.00E-04	0.13673945	1.00E-04	0.08953962
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06804192	0.01488675	0.02149314	1.00E-04	1.00E-04	0.08638048	0.14846378
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0087361	0.01108617	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01035465	0.01913066	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00883925	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00489437	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03451652	0.01397339	0.00868845	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39402005	0.04222869	0.05761316	1.3043866	0.80456152	0.65227491	0.6354309

1.00E-04	0.01339813	0.01508983	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01703926	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1491789	0.00618583	0.04516455	0.6404205	0.34287664	0.13079868	0.08670263
0.02349537	0.02485831	0.01435987	1.00E-04	1.00E-04	1.00E-04	0.10073202
1.00E-04	1.00E-04	0.02064718	1.00E-04	0.09983306	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39059745	0.74466804	0.20511103	1.00E-04	1.00E-04	0.21219918	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07191109	0.02380935	0.03206655	0.12636275	0.18816734	0.12039807	0.19293011
0.28832981	0.20688152	0.22983983	0.20173001	0.54192547	0.51755406	0.49684738
0.92059376	0.78921594	0.7914826	0.79490959	1.42593581	1.33530693	1.26067188
0.32273716	0.2761584	0.41174412	0.62643197	0.89841897	0.76380528	0.70325114
0.21519172	0.16859797	0.25967591	1.00E-04	1.00E-04	1.00E-04	0.04582509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05217445	0.00902248	0.00565979	1.00E-04	1.00E-04	0.06961109	1.00E-04
0.19504137	0.30326827	0.14755754	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.52011347
1.00E-04	1.00E-04	0.02297163	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10617218	0.02844943	0.11978266	1.00E-04	0.12523204	0.32333684	0.24069989
0.07484062	0.03738865	0.01028174	1.00E-04	1.00E-04	0.05476112	0.18922833
1.00E-04	1.00E-04	0.02978913	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00792443	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06567676	0.06816808	0.04813524	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64162143	0.4787084	0.62749181	1.00E-04	0.32866079	0.18199945	1.00E-04
1.00E-04	0.00741303	0.03812157	0.47287613	0.21788165	1.00E-04	0.12642995
1.00E-04	1.00E-04	0.00902936	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01352737	0.00699354	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01274849	0.03887443	1.00E-04	1.00E-04	0.06508891	1.00E-04
1.00E-04	0.01969411	0.05512477	1.00E-04	1.00E-04	0.24577986	1.00E-04
0.61178795	1.20130292	0.93230905	0.23354274	0.62610489	0.4683503	0.65372743
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03527963	0.02541833	0.22992945	1.00E-04	1.00E-04	0.04769403
1.00E-04	0.07458548	0.02926046	1.00E-04	1.00E-04	1.00E-04	0.05527033
0.73155827	0.62287762	0.54769032	0.5122781	0.59962436	0.90866382	0.7020013
0.02896325	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26839711	0.03418327	0.09702966	1.00E-04	0.70804913	1.00E-04	0.47024223
1.00E-04	0.04362826	0.06660533	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12025288	0.17528119	0.11906968	1.00E-04	1.00E-04	0.08650765	0.06481669
0.02645626	0.04844592	0.02102449	1.00E-04	0.21615988	0.12959728	0.05636421
0.10021274	0.03058394	0.08838389	1.00E-04	1.00E-04	0.04866068	0.28669816
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09201369

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00438623	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01119568	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08387211	0.0831883	0.03915561	0.07865641	1.00E-04	0.18306949	0.08615248
0.24302397	0.13393591	0.25155222	0.33471074	0.52743252	0.8618398	1.10158638
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09667722	0.07847774	0.06990291	1.00E-04	0.29479934	0.42946955	0.19686412
2.17377433	2.05637623	2.45152732	1.14303293	1.02878967	1.23906163	1.15934306
0.28416464	0.10060148	0.22864042	0.31030433	0.31145699	0.25265044	1.00E-04
0.3886607	0.29447118	0.36388232	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4640542	0.28547472	0.27806706	1.21526179	0.9721987	1.19516611	1.24148828
0.16600296	0.03125999	0.09262811	1.00E-04	0.30010955	0.0562331	1.00E-04
0.86385614	0.68280283	0.90108384	0.26229619	0.31424604	0.84470214	0.89635259
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80632238	1.62269554	1.66289092	0.77384267	1.85062351	2.26551982	2.22127774
0.80863672	0.68561869	0.69902937	0.14194619	0.958387	1.56429174	0.97449444
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74384249	0.68403831	0.62767225	0.64650881	0.7610702	0.80631762	0.87688593
2.28299715	0.5971646	1.31165415	0.65947835	1.40849301	0.8029548	1.01359414
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.317015	0.18491467	0.24068071	0.86297272	1.06068383	0.36121233	0.6031227
0.30311739	0.19223689	0.19363032	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05481651	0.05107696	0.01110063	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08955723	0.05960495	0.01074116	1.00E-04	1.00E-04	0.1735764	0.12523818
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32277654	0.18532558	0.14150386	0.7376601	0.8361558	0.59591014	0.6899875
0.81248294	0.38476774	0.4857766	1.14394516	1.55218289	1.15789646	0.98078403
0.36563738	0.53582444	0.64931388	0.10480634	0.20422794	0.12445621	0.28543227
1.66339726	1.06146305	1.1972211	0.44838767	0.71518373	1.05100805	1.16820091
4.3056211	4.55713309	4.29891035	1.72998469	1.90316464	2.19658839	2.20930793
2.83409904	3.03849142	2.84553175	0.20455396	1.21346638	1.74118431	1.70853935
1.00E-04	0.00663271	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01740292	0.01155178	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71158296	0.85736881	0.85744097	0.27958434	1.00E-04	0.34628994	0.38315674
0.13387368	0.04466146	0.02730619	1.00E-04	0.16389013	0.11994102	0.15667539
1.00E-04	1.00E-04	0.01978425	1.00E-04	1.00E-04	0.07713209	1.00E-04
0.12827013	0.16051399	0.16145559	1.67726598	1.45436595	0.76953278	2.39478219
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2220003	0.67764793	1.00811041	0.23998585	0.49220646	0.32360471	0.19364482
0.0187495	0.06230368	0.14146094	0.14466779	1.00E-04	1.00E-04	0.52911337
0.0192817	0.0406022	0.11507345	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22638157	0.05173114	0.25952638	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69237177	0.4363794	0.38132911	1.00E-04	0.08284409	0.07026751	0.18595589

0.22732302	0.05481747	0.04669438	1.00E-04	1.00E-04	0.2101409	0.27451635
0.0939373	0.05131635	0.09534276	1.00E-04	0.13788342	0.18454317	0.29382262
1.00E-04	0.0229199	0.02455277	0.19683926	0.54606887	1.08754522	1.57923981
0.03470613	0.02531276	0.02306619	0.15568662	0.74091291	1.11058526	1.26774917
1.00E-04	0.01070931	0.0115996	0.83976389	0.48019522	0.64053053	1.48530239
0.04955454	0.00700317	0.0266112	0.15548811	0.34062563	1.00E-04	0.21949663
1.00E-04	0.02286276	0.027002	1.00E-04	1.00E-04	0.15028592	0.16495368
0.32629063	0.34743591	0.40189633	1.00E-04	0.1691337	0.30391086	0.39578093
3.73514943	2.52601333	2.96590425	0.42746345	1.39542874	0.85132743	1.20569257
4.24928019	3.27000972	3.43070859	1.54452075	1.61607422	0.89480467	1.59897132
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03128757	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02410314	0.05089207	0.08477393	1.00E-04	0.25974777	0.06910674	0.55121868
0.68424166	0.55121075	0.54145253	0.46632624	0.56111175	0.88287584	0.52664694
0.03527147	0.04226546	0.07595643	0.22510796	0.18966861	1.00E-04	1.00E-04
0.31456973	0.39473102	0.42404384	1.00E-04	1.00E-04	0.04042206	0.22171585
0.26526753	0.1365693	0.17041911	0.17948788	0.25456165	0.38961396	0.55251117
0.09929398	0.02277206	0.08282012	0.50030886	0.19583226	0.2280036	1.00E-04
0.24111533	0.0974891	0.09276141	0.13580967	0.24728012	0.17078891	0.19262006
0.07085137	0.01235096	0.01603512	1.00E-04	0.38606962	1.00E-04	0.08751946
0.77583112	0.5096749	0.63309564	3.17445542	3.34015389	3.06956252	3.20745196
0.16766032	0.10276351	0.10444721	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07375669	0.00444547	1.00E-04	0.18625541	0.81866867	0.49801882	0.4949858
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16326529	1.00E-04	0.13725335
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01457465	0.02812175	1.00E-04	1.00E-04	1.00E-04	0.05067802
1.00E-04	0.07213779	0.05460788	1.00E-04	1.00E-04	0.27239796	0.32009857
1.98022533	1.56318069	1.75644194	1.50767635	2.16160338	2.14054638	2.44250847
1.00E-04	0.01307423	0.03701365	1.00E-04	1.00E-04	1.00E-04	0.17450554
0.22883265	0.26923254	0.39910566	0.23481177	0.62706803	0.75343951	0.46757928
0.04815884	0.08885544	0.1045014	0.52230302	0.65235387	0.49387854	0.41899634
0.35521586	0.34682728	0.35760296	0.2124051	0.99742154	0.51478615	0.62641403
0.03767441	0.0062368	0.02682459	1.00E-04	0.09762845	1.00E-04	1.00E-04
0.65102869	1.21720339	0.23608621	1.00E-04	1.00E-04	0.11925068	1.00E-04
1.00E-04	0.01125853	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30871015	0.22658753	0.37527314	0.32194928	1.00E-04	0.33479075	0.21479431
0.01483895	0.0655975	0.06986857	1.00E-04	0.31573584	0.1829171	0.41053848
1.05785301	0.75406277	0.9954271	0.82417318	1.92876263	1.80172702	1.86871274
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0064581	0.00817841	1.00E-04	1.00E-04	1.00E-04	0.16093451
0.35678583	0.41794337	0.32110184	1.27964309	1.20067479	1.20657724	1.02850858
0.03950075	0.06970698	0.11765355	1.00E-04	1.00E-04	0.14349512	0.21204149

0.28979993	0.38218751	0.40511006	0.37356629	1.15646441	1.35353008	1.46725017
0.11981627	0.06196026	0.08285955	0.06305088	0.26599881	0.30213955	0.09165531
0.03415609	1.00E-04	0.01331921	1.00E-04	0.13283982	0.26182136	0.20016233
0.70085002	1.11306592	1.04875416	1.00E-04	0.2510512	0.36895506	0.61270136
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00552799	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.04432	1.84792592	2.014739	1.36753767	1.9460243	1.68754864	1.98763846
0.02812606	0.02075978	0.01422837	1.00E-04	0.03643398	0.08104185	1.00E-04
0.06616727	0.08426495	0.0783426	1.00E-04	0.42067426	0.08309476	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00639301	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1665627
0.21733518	0.27421875	0.36060372	1.00E-04	1.00E-04	0.20744451	0.27509719
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00575507	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02312895	0.05697748	0.03147092	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05112732	0.11444899	0.12408239	1.00E-04	1.00E-04	0.09457266	0.21102318
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12284178	1.00E-04
0.08571322	0.08377052	0.12979495	1.00E-04	0.30444818	0.26161013	1.00E-04
0.13406731	0.09729178	0.14582583	0.39705479	1.00E-04	1.00E-04	0.31023964
0.3415765	0.30688268	0.35076669	0.17577722	1.00E-04	0.56266028	0.40710682
1.00E-04	0.03136598	0.01990133	1.00E-04	0.26038168	1.00E-04	1.00E-04
1.00E-04	0.01600473	0.00548851	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01115384	0.07964569	1.00E-04	1.00E-04	1.00E-04	0.12105057
1.00E-04	1.00E-04	0.01512059	1.00E-04	1.00E-04	1.00E-04	0.2458552
0.02502783	0.05151491	0.08878492	2.15022742	1.97418695	2.19717166	2.25661328
1.00E-04	0.06614042	0.1180059	0.28012745	0.70170051	1.17462657	1.09639764
0.03437246	0.00457862	0.11326398	1.00E-04	0.2433411	1.00E-04	0.07320172
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01074191	1.00E-04	1.00E-04	0.05242581	1.00E-04
0.17464885	0.02606284	0.05261067	0.27526385	0.40372714	0.57455973	0.57124707
0.0875046	0.02990222	0.04220779	1.00E-04	0.17932378	1.00E-04	1.00E-04
1.24299903	1.19949182	1.3767202	0.80212662	1.64828415	2.18011923	2.25302885
0.04888892	0.03703677	0.03223408	1.00E-04	0.02237225	0.27631393	0.71098512
1.00E-04	0.14102099	0.14490124	0.24245816	0.39318239	0.12410432	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88761036	1.40937267	2.03464821	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.68215009	2.27849235	2.49667465	2.81759081	3.22299127	4.12853546	4.16927957
0.27950729	0.29769651	0.43024883	0.80739423	0.62908667	0.86507437	1.09594048
0.10832495	0.19317772	0.15283929	0.42035213	0.15261871	0.45799091	0.46707995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35478234	1.92842196	1.78024285	0.25226917	0.3989928	1.02573928	0.42952787
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13193292	0.01746668	0.00845128	1.00E-04	0.14741914	0.03043629	1.00E-04
1.00E-04	0.0488281	0.08680157	0.39002728	0.27423787	0.0756875	1.00E-04
0.34670521	0.19976191	0.3895847	0.3131223	0.64207891	0.38170027	0.4744595
0.86576502	0.18586887	0.4993815	1.00E-04	0.24485042	0.23414854	0.49478943
0.10505596	0.13635232	0.15629333	1.00E-04	1.00E-04	1.00E-04	0.17387744
0.22966298	0.0834836	0.01136663	1.00E-04	1.00E-04	1.00E-04	0.12864308
4.88380014	3.67047989	3.45476195	3.43086459	3.70495646	2.69425468	2.97865444
0.03336297	1.00E-04	0.04357627	1.00E-04	1.00E-04	1.00E-04	0.10099144
0.32887827	0.04902595	0.01718976	1.00E-04	0.12723958	0.14577905	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61805985	0.27264997	0.18409575	0.58609263	1.09344529	0.69434213	0.81814893
1.42398476	1.19848926	1.24184461	0.87744841	1.83954605	2.14175302	2.03397421
0.10066918	0.08132003	0.14602335	0.81935668	0.60916652	0.8206836	1.07029135
0.58758474	0.36270806	0.67125454	1.5027379	2.22324622	2.38367396	2.80933309
0.15660653	0.01316617	0.02644951	0.89288391	1.10062129	0.62292849	0.88610159
0.96914452	0.75336174	1.04191321	0.82167589	1.30997582	1.48953302	1.60613823
0.12208217	0.00319975	0.03140563	1.00E-04	1.00E-04	0.03371438	1.00E-04
1.00E-04	0.01433798	0.04361738	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01965556	0.01518638	0.02739057	1.00E-04	1.00E-04	0.17798791	1.00E-04
0.41280621	0.68330656	0.76556917	0.17327817	0.36178023	0.5530484	0.86710272
0.09246322	0.06104173	0.3294791	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02662653	0.07223605	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82501268	0.5757972	0.76194965	1.07777902	1.49785764	1.4369499	1.87622692
0.10677131	0.15336986	0.2026005	1.00E-04	0.13346036	0.10210812	0.34721663
0.08512592	0.08564006	0.11930767	1.00E-04	0.12116122	0.05169849	0.08960781
0.84455242	0.3618057	0.27972193	0.38085889	0.1246856	0.46735869	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35786942	0.2842715	0.21834704	1.00E-04	0.22051653	0.10347794	0.13849959
1.00E-04	0.00359539	0.00732724	1.00E-04	1.00E-04	0.11199255	1.00E-04
2.88009454	3.26639628	3.23332825	2.54238829	2.61336655	3.22323735	3.10016149
1.00E-04	1.00E-04	0.00449435	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10410775	0.00513235	0.01293255	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68220528	0.4029557	0.55719234	0.58565385	0.90543196	1.05926716	1.01549064
0.08969203	0.08770719	0.14814437	0.16993631	0.28586067	0.12329264	0.24986204
1.00E-04	0.0245467	0.01424796	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09608249	0.74311838	0.79668993	1.21392984	1.65431191	1.94727945	2.40402327
0.7096404	0.60449115	0.81842544	1.3171321	0.84713099	0.85887132	1.6755687
0.06950563	0.03053683	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04552958	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15991233
1.00042968	0.65373419	0.54533679	0.92217297	0.9859042	1.17920037	1.16271004
2.23030446	1.78173887	1.95469032	1.48234297	2.35943791	2.67107979	2.40888537

1.83112983	1.58712661	1.68188831	1.16963164	1.48517588	2.17911627	2.15152827
0.50269601	0.24320393	0.33642923	0.24030201	0.42592267	0.80394479	0.3544033
1.00E-04	0.01266538	0.01936323	1.00E-04	1.00E-04	0.22096361	1.00E-04
0.70680014	0.62796913	0.72658804	0.28944488	0.78550302	0.66580138	1.24789938
0.04479505	0.14374369	0.14382733	0.25244383	0.52913737	0.55390222	0.81531839
1.00E-04	1.00E-04	0.00996168	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37249965	2.03503916	2.16574795	1.412149	1.71595951	2.41655286	2.50298941
0.07506295	0.02685859	0.01108718	1.00E-04	0.33530399	0.38801983	0.32856895
0.05460071	0.11666946	0.04287734	0.4776023	0.04521075	0.10686985	0.06166975
0.36142811	0.07068325	0.09613144	0.27439582	0.46199531	0.47900504	0.35119481
0.09877299	0.02418133	0.03549931	1.00E-04	0.69644119	1.00E-04	0.09516424
0.58408649	0.3493629	0.43463189	0.57169781	0.7177988	0.63634793	0.69039988
0.19143148	0.03327651	0.02988218	0.15171602	0.17696388	1.00E-04	1.00E-04
1.00E-04	0.00798528	0.01377966	1.00E-04	0.22074095	1.00E-04	0.20957713
0.13752599	0.15955911	0.21067045	1.00E-04	0.91889894	0.74641746	0.94007499
0.04224695	0.0370658	0.03777305	0.1045371	0.5705546	0.53590733	0.47257305
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12473124
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16135827	1.00E-04	1.00E-04
0.80092821	0.53110993	0.69097632	0.65536452	0.95980445	0.97351892	1.07686203
0.77534577	0.69698889	0.87027639	0.1258415	0.95712882	0.98931919	0.71066613
0.09004585	0.01443556	0.06003418	1.00E-04	1.00E-04	1.00E-04	0.13752095
1.00E-04	0.00647427	0.01823995	1.00E-04	0.18958457	0.0643512	1.00E-04
0.58027995	0.4430105	0.4207675	1.00E-04	0.12414391	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00490578	1.00E-04	1.00E-04	1.00E-04	0.12758393	0.09557654
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10628354
1.00E-04	0.02256669	0.00660811	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13746874	0.17259174	0.15669918	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15087143	0.17760134	0.05512821	0.30250308
0.11363515	0.07406864	0.19478537	0.99857255	0.97502435	1.69504596	2.3982183
0.07670887	0.0411717	0.04828784	1.01744401	0.70704997	0.54083923	0.67655662
3.94029068	3.92894858	3.99510206	2.92241089	2.89545221	3.11896843	3.03730898
1.04022779	1.31620419	1.27337993	0.79552413	0.54777423	1.19761964	1.3946576
1.00E-04	0.02141161	0.00588746	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.85112229	2.15817793	2.06717251	0.85581761	0.95788644	1.58780393	1.31620288
1.00E-04	0.0114705	0.00459653	1.00E-04	1.00E-04	0.04413174	1.00E-04
0.17906642	0.1994265	0.10286496	1.00E-04	1.00E-04	1.00E-04	0.37275468
1.00E-04	0.04838549	0.03928935	1.00E-04	0.12686297	1.00E-04	1.00E-04
1.33248567	1.33104334	1.56351489	0.93746015	1.69527209	1.70578092	1.73324077
0.53196681	0.26594449	0.41092505	0.44788828	0.35343934	0.76516655	0.36443428
0.34113577	0.4428487	0.53488162	1.00E-04	1.00E-04	0.14315416	0.18206833
1.00E-04	1.00E-04	0.00571112	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.00551816	0.01412027	0.08231455	0.77505234	0.83604038	0.56041849
0.03759723	0.00632973	0.02499258	0.10553115	0.2691003	0.10813057	0.13315958
0.46289058	0.46972578	0.40709345	1.8458401	1.62239199	1.12075406	1.30122729
0.17005313	0.14668016	0.08394169	0.25572025	0.66656083	0.42915866	0.42773418
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09637783	1.00E-04	1.00E-04
0.11774828	0.00844081	0.02930517	1.00E-04	1.00E-04	0.02557414	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01626083	0.01926697	0.00907652	1.00E-04	1.00E-04	0.13564577	0.10160198
1.00E-04	0.0784335	0.03550785	0.83223598	0.94755303	0.20885358	0.22631949
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00495019	0.00614685	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11311322	0.15639102	0.18172631	0.22594401	0.24429119	0.21471592	0.71468722
0.15635114	0.19149753	0.19043024	1.00E-04	0.39648529	1.00E-04	0.15178743
0.02370914	0.109377	0.1322955	0.17696834	1.00E-04	0.17732862	0.14480552
0.62409117	0.61767226	0.81491624	1.09374977	1.46059947	1.28343643	1.40368131
1.00E-04	0.04739064	0.03004576	0.15538904	1.00E-04	0.2712512	0.52348878
0.20657014	0.51144454	0.7592685	0.14090775	1.00E-04	0.13223101	0.54762791
0.13920826	0.04230844	0.08065612	0.37128337	1.00E-04	1.00E-04	1.00E-04
1.18399862	0.88096373	1.27226906	1.16570305	1.975244	1.84564763	2.38028928
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06144934	0.15826098
1.00E-04	0.02275819	0.01852968	1.00E-04	1.00E-04	1.00E-04	0.11630214
0.4358559	0.9040635	1.35161525	3.45570074	3.92861682	4.5518081	4.84438154
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30058274	0.12164256	0.09927735	0.29414762	1.00E-04	0.04042206	0.26089098
0.02702993	0.00420356	0.00829402	1.00E-04	1.00E-04	0.04010263	0.03920679
0.04297947	0.01546182	1.00E-04	1.00E-04	1.00E-04	0.05761888	0.19948184
1.00E-04	0.00606079	0.01424452	1.00E-04	1.00E-04	1.00E-04	0.11520094
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29918466	0.03080878	0.05080509	0.49935063	0.56288411	0.38926202	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33994174	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16174689
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00854957	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03982534	0.00446258	0.01229128	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00513362	0.00878495	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00823042	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11007265	0.03385134	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.34313371	0.16317865	0.32222668	1.00E-04	0.20276919	0.25356064	0.83111033
1.00E-04	1.00E-04	0.00721518	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02144393	0.01383606	1.00E-04	1.00E-04	1.00E-04	0.09173392	1.00E-04
1.00E-04	0.00304743	0.06448281	1.00E-04	1.00E-04	0.04370316	0.18768029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00804219	0.02336427	1.00E-04	1.00E-04	1.00E-04	0.04832048
1.00E-04	0.00539138	0.0114707	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35800665	1.21403912	1.30100043	0.75151611	1.1565549	1.36698606	1.54045634
1.00E-04	0.04280159	0.04844977	1.00E-04	1.00E-04	0.07814326	1.00E-04
0.40247489	0.58784531	0.74439279	0.32630598	1.00E-04	0.5002582	0.81638171
0.0327587	0.07639177	0.04142415	1.00E-04	0.20002191	0.15435357	0.20952501
0.93517049	0.81960834	1.00030531	0.69677041	1.13760945	1.08937913	1.28102051
0.61666341	0.79794437	0.96561957	0.63212369	0.67532163	0.90774505	0.95109694
1.00E-04	0.02996303	0.0668705	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29784806	0.30359917	0.28251928	0.22891991	1.00E-04	0.27763924	0.55754634
1.21959432	1.17789834	1.10152969	1.13924722	1.66521558	1.26803143	1.33054168
1.00E-04	0.02684397	0.04686963	1.00E-04	1.00E-04	0.05968085	1.00E-04
0.09851312	0.16705048	0.25438537	0.12864976	1.00E-04	1.00E-04	0.31126297
0.42611709	0.40209727	0.70742845	0.89939995	1.30354942	1.59137511	1.49810304
1.45871572	1.1011253	1.36045299	0.74597835	0.70350925	0.63836365	1.16720953
1.00E-04	0.0067772	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02539717	0.00497041	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05000955	0.02844957	0.01254968	1.00E-04	1.00E-04	0.52402407	0.11565406
1.00E-04	1.00E-04	0.00912478	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07787668	0.0282897	0.10547983	0.3314151	0.24234888	0.22606507	0.1857012
0.20938074	0.39884917	0.35292468	1.00E-04	1.00E-04	0.17146173	0.27221682
0.02108707	0.05795949	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0075699	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08894193	0.0819715	0.10544144	0.80156906	1.04670683	0.92666553	0.32015112
1.79540741	0.63606617	0.57340437	0.90223766	0.90396959	0.67553236	0.42715854
0.10490308	0.03259909	0.044419	1.00E-04	0.44393814	1.00E-04	1.00E-04
1.00E-04	0.01961353	0.01444144	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00402226	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43013831	1.80932152	1.75947379	0.45361738	0.15779127	0.63727541	0.49437213
1.75318512	1.6048159	1.82687783	1.56289189	1.41625426	1.98612391	1.99791498
0.14437712	0.18995403	0.11295964	0.67485472	0.72415399	0.63452256	0.57517265
1.81317331	1.57972512	1.80366504	1.50027086	1.87163868	1.58196846	2.06148539
0.05464551	0.02831159	0.00847371	0.31324485	0.14671236	0.11769237	0.12424801
0.20438911	0.23677503	0.32232101	0.22337515	0.33445934	0.40189592	0.56802133

0.02836127	0.13319493	0.06215403	1.00E-04	1.00E-04	0.02963465	1.00E-04
0.01792537	0.04860994	0.07010027	1.00E-04	0.24409202	1.00E-04	1.00E-04
1.00E-04	0.0123416	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16617002
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01288132	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01155178	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08870679	0.08686803	0.05815582	1.00E-04	0.20503122	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01567375	1.00E-04	1.00E-04	0.16385369	0.13773578
0.08870161	0.10250063	0.06069393	1.00E-04	0.22856902	0.11472575	0.10186591
0.72938406	0.76828184	0.75024219	1.00E-04	1.00E-04	0.22172578	0.13698679
1.30427646	0.90673044	1.03860904	1.99960754	1.94208207	1.97622801	1.59553752
1.00E-04	0.02986984	0.02087068	1.00E-04	1.00E-04	1.00E-04	0.26264534
1.00E-04	0.03801278	0.02124716	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01804626	1.2294124	1.26198046	0.28039036	0.51948133	0.5592942	0.77899789
1.22668329	0.64892463	0.90328059	0.487877	1.279828	0.98698524	1.34987899
0.99195066	1.51474346	1.56475388	0.49812874	0.80106542	1.13231312	0.96013135
0.36589173	0.04922146	0.06597307	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69018394	0.5025144	0.68126233	2.74404416	3.19469261	2.90296295	2.96493763
0.04580247	0.06165869	0.05934595	1.00E-04	0.26773439	0.57145441	0.47463754
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00486865	0.01214017	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05918994	0.02137826	1.00E-04	1.00E-04	0.22420479	0.45219577
0.86457766	1.20656486	1.07162275	1.00E-04	1.00E-04	0.30682638	0.38676119
3.64381991	2.75777132	3.1352465	2.38294641	2.32453182	2.19829861	2.65928975
0.07080194	0.05425706	0.06544855	1.00E-04	0.24204895	0.17247047	1.00E-04
1.00E-04	0.02399997	0.03765122	1.00E-04	1.00E-04	1.00E-04	0.13833005
0.36872269	0.27961113	0.3418753	1.00E-04	0.21052857	0.09596499	0.27961384
1.00E-04	0.01308557	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11191882	0.14195777	0.14763387	1.00E-04	0.19170808	1.00E-04	1.00E-04
0.14584401	0.02089814	0.0372978	0.27806155	0.30711006	0.21018657	0.05762426
1.92988869	1.27581021	1.46975928	1.77628545	2.35057057	2.01829963	2.04025534
0.10284025	0.04886076	0.09539938	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50822397	0.08173499	0.17428617	0.26427034	1.00E-04	1.00E-04	0.16214017
0.42653108	0.29918022	0.38692886	0.43965565	0.5139525	0.4505378	0.68960635
1.61743281	2.1285925	2.15859407	0.34994943	0.43062821	0.60710051	0.55336619
0.0620279	0.09955147	0.1075224	1.00E-04	1.00E-04	0.09457266	1.00E-04
0.21803912	0.31558718	0.47273051	0.56160343	0.58131624	0.83946338	1.05063215
0.07473638	0.04351098	0.08277435	0.39543896	0.22960995	0.40482327	0.48332786
1.50131669	1.79430684	1.67475383	1.00E-04	0.86107728	1.37127261	1.59941843
2.04620052	1.75095056	0.80105602	3.76895123	4.31881902	4.05497444	3.33680502
0.24668382	0.12691018	0.10151013	1.00E-04	0.15289108	0.16540149	0.24781896
1.00E-04	0.01464516	0.0167263	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.04026473	2.34280539	2.24568248	2.26503707	2.67186115	3.21882269	3.09901741
1.00E-04	0.01411192	0.00348864	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8937671	0.85980093	1.05546579	1.02383224	1.6155416	2.30204705	2.22465763
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18579902	0.0160017	0.05883829	1.00E-04	0.12198876	0.19948952	0.17092532
0.13222138	0.02903518	0.09174349	1.00E-04	1.00E-04	0.05225351	1.00E-04
1.28886971	0.92556417	1.17741644	1.55866954	1.86942857	2.41848657	2.4939837
0.01283004	0.10520241	0.0866129	1.00E-04	1.00E-04	0.28747969	0.24767021
0.13919419	0.079466	0.23971801	1.00E-04	0.20853035	1.00E-04	0.168619
0.15301122	0.01700963	0.05054312	0.75094402	1.00E-04	0.11230924	1.00E-04
1.00E-04	0.00985874	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0731591	0.17653282	0.15094141	1.00E-04	0.17554875	0.1285288	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03080876	0.07736012	0.31971905	0.15675178	1.00E-04	0.53813981
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00319193	0.01272283	1.00E-04	0.51223641	0.18160847	0.6307497
2.57651779	2.60640899	2.49303906	1.48026078	1.98738111	2.42452978	2.45720847
1.13590704	0.92564534	1.08424997	1.59896002	2.03223777	1.84054045	1.96716631
0.13550261	0.07213682	0.15906713	1.00E-04	1.00E-04	0.11028223	1.00E-04
1.00E-04	0.00690346	0.02199246	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92790236	1.44651686	1.7861471	1.17661308	2.05145601	2.50442627	2.61091401
1.00E-04	0.02561304	0.04290824	1.00E-04	1.00E-04	1.00E-04	0.18130438
0.93063951	0.31132028	0.33741008	1.00E-04	0.12622782	0.09065251	1.00E-04
0.2434934	0.0877398	0.07395657	0.15473182	0.41470007	0.29317715	0.42362712
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95116054	1.25835323	1.48868458	2.45027791	3.13870695	3.13945614	3.21488805
0.21053648	0.29358152	0.44117738	1.00E-04	1.00E-04	0.05836627	1.00E-04
0.06601959	0.07603887	0.02804975	1.00E-04	1.00E-04	1.00E-04	0.11320509
0.04980768	0.00685845	1.00E-04	1.00E-04	0.31692977	1.00E-04	1.00E-04
0.02839095	0.0580478	0.03862729	0.08519544	0.1753	0.20994807	0.07705176
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33047938	0.05945749	0.12058172	1.00E-04	0.23283717	1.00E-04	1.00E-04
1.00E-04	0.01720607	0.01705243	1.00E-04	1.00E-04	0.10724708	1.00E-04
1.33077584	2.27309065	1.3252587	1.55019887	2.31131905	2.50842665	2.47697876
0.14804225	0.11301558	0.22498194	1.00E-04	1.00E-04	0.02582331	0.075519
0.14812871	0.15464337	0.19502677	0.12603646	0.76239709	0.47951721	0.44880704
3.07256179	3.09627453	3.39110642	2.50451514	3.61573642	4.1750769	4.31266779
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0394206	0.0129412	0.06233511	1.00E-04	1.00E-04	0.19830009	0.15926205
1.36250422	0.96112581	1.14418084	0.41445961	0.94692576	1.30519818	1.52064798
1.38230959	0.43414586	0.6225196	1.00E-04	0.72357959	0.11389389	0.01962996
0.3342555	0.05992625	0.05835067	0.4197174	0.4880769	0.31210428	0.29690541
1.00E-04	0.03233239	0.00972796	1.00E-04	0.15471345	0.05874005	1.00E-04

0.07115804	0.04986724	0.13382516	0.16050245	0.51728911	0.72002773	0.64483468
0.27319758	0.21895168	0.48221158	1.00E-04	0.09594659	0.25102572	0.29318834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68968399	0.16322756	0.18276012	0.92799027	0.44752945	0.25717573	0.42335739
0.74077241	0.38866039	0.499428	0.1367484	0.10213962	0.17658515	0.32285823
0.16773315	0.11224277	0.0252347	1.00E-04	0.41386528	1.00E-04	0.40324316
0.02693994	0.07353204	0.07567195	0.35667093	0.690712	0.79217835	0.73935216
0.10833566	0.1020287	0.01388309	0.17344256	0.19601171	0.12445192	0.22190936
0.09097489	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63800693	0.52184552	0.60168071	0.14192884	0.31973336	0.40675036	0.41221072
0.67762804	0.49372522	0.57328776	0.07488644	0.11313543	0.17988425	0.13629857
0.02038348	0.04290817	0.07167316	1.00E-04	0.03891701	0.11230924	1.00E-04
0.12666716	0.35545558	0.41639235	1.90991197	1.4428086	1.943926	1.94325348
0.30144624	0.25006143	0.32199044	0.36150683	0.35013753	0.25242042	0.25162711
0.07394126	0.08312905	0.13267273	0.14344852	0.40005011	0.45749204	0.43849193
0.05487567	0.02453877	0.02220281	1.00E-04	1.00E-04	0.08622605	1.00E-04
0.19875858	0.37962243	0.14591361	0.14547296	0.1174113	0.08956737	0.1935601
0.28420957	0.06168437	0.12408985	0.39430712	0.24769441	0.32657439	0.58658643
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10425196	0.04847967
0.59616608	0.60487027	0.83580977	1.00E-04	0.66784029	0.91848143	1.08054887
1.00E-04	0.00512875	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08841824
0.20823055	0.01101709	0.05358789	1.00E-04	1.00E-04	0.20357703	1.00E-04
0.16230976	0.02247637	0.04193616	1.00E-04	0.10660904	0.24273096	0.21847216
0.41542122	0.13682091	0.09805471	0.24301765	0.41337719	0.57286421	0.80417723
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14703977
1.00E-04	0.00774948	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12641907	0.04516016	0.18173608	1.00E-04	0.22264816	1.00E-04	0.10281555
0.17861224	0.0092491	0.02148537	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02208674	0.02872021	0.12440095	0.74634761	1.06077645	1.57712005	1.67793018
1.00E-04	0.00633839	0.02153691	0.94184045	0.85022835	1.11289488	0.63951969
0.13298164	0.11799363	0.17859329	0.43241516	0.16650291	0.28637493	0.80735606
0.09886644	0.19747672	0.09737429	1.00E-04	0.11403823	1.00E-04	1.00E-04
0.20792455	0.21318158	0.05233711	1.00E-04	1.00E-04	1.00E-04	0.0619728
0.10889099	0.10485582	0.11033297	0.12813191	0.13429683	0.25555005	0.19388883
1.00E-04	0.02827313	0.05557694	1.00E-04	1.00E-04	0.07333632	0.23954898
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20818969	0.1124475
1.00E-04	0.01364972	0.04604214	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15332479	0.28229794	0.17552897	0.30108238	1.00E-04	0.03896914	0.30329285
2.11948741	1.57251478	1.65862272	2.0388615	2.21403014	1.92191302	2.11003006
2.12785316	1.77512806	2.03604254	2.66298052	3.27491506	3.1032823	3.26206601
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00811899	0.00585932	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.80529641	0.29356361	0.51413764	0.98971779	1.47911475	0.94353635	1.45024489
1.10254949	0.35861116	0.39998826	0.12245313	1.10278678	0.59375054	0.33393008
0.68828627	0.9758964	0.97410801	0.34792112	0.61473642	0.63911549	0.62352873
0.54526871	0.61161452	0.45405768	0.24125552	0.30046393	0.75360981	0.87116291
0.0720116	0.01144297	0.03367135	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03333738	0.07739086	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22994848	0.31352997	0.16520181	1.00E-04	1.00E-04	0.29026551	0.37996169
0.51656742	0.82706118	0.70302439	1.00E-04	0.51200543	0.35677648	0.24965572
0.12958014	0.31874832	0.32264342	1.00E-04	0.140184	0.13175405	1.00E-04
0.71639004	0.65977737	0.81180768	0.18317528	0.18340936	0.36617072	0.56030843
0.22249224	0.2851747	0.38502534	0.20681232	0.47765933	0.28708547	0.21539822
2.64102559	1.92179269	2.26350803	0.70888007	1.15194354	0.62967349	0.60885831
0.02758276	0.01479431	0.04521524	1.00E-04	1.00E-04	1.00E-04	0.27919288
0.0923773	0.13929553	0.2298469	1.00E-04	0.1777723	0.05146422	1.00E-04
1.00E-04	0.0174865	1.00E-04	1.00E-04	0.03439155	1.00E-04	1.00E-04
0.30307449	0.28890176	0.48807762	0.14300007	0.40238221	0.40124998	0.47736461
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47709083	0.86903377	0.84219322	0.59639987	0.15892948	0.6225246	0.78467122
3.18013525	3.07602462	3.16264252	1.31380792	1.549662	2.34667149	2.33312811
6.28357998	6.06326345	6.03286163	3.49868851	4.23301913	4.78957057	4.97882973
3.48113455	3.6606105	3.62654284	1.90304631	1.72788734	2.32610415	2.84757928
0.06591492	0.00686224	0.06099744	1.00E-04	0.16051159	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00805461	1.00E-04	0.15161003	0.08106589	0.44171048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18874832	1.00E-04	1.00E-04
0.51011206	0.31475534	0.4296975	1.00E-04	0.10946692	0.30328414	0.14014409
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27497559	0.73961453	0.4221415	0.22048533	1.00E-04	0.28149998	0.26413718
0.23502297	0.23308403	0.20351002	1.00E-04	0.12027732	0.43877452	0.52063805
1.10755747	1.05319543	1.20086507	0.69034781	0.85389028	0.97782696	0.85924217
0.37672273	0.05140399	0.06068121	0.48715089	0.38114654	0.10657933	0.30649774
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06804338	0.0279081	0.01326221	0.10332787	0.20376137	0.15092318	0.0951899
1.00E-04	0.00966454	0.05406429	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01932147	1.00E-04	1.00E-04	0.09173392	1.00E-04
0.83886682	1.04154592	0.88608289	0.4477901	1.02225433	1.8914687	0.89771644
3.04941503	3.59446493	3.33964092	1.51826176	1.85696546	2.96850868	2.56881708
0.08141898	0.11836942	0.36092605	0.09783529	0.45592643	0.34169364	0.18673497
0.10902645	0.12043745	0.07691823	1.00E-04	1.00E-04	0.1578346	0.05377231
0.1160075	0.21828143	0.37723371	0.33258979	1.00E-04	0.03835504	0.31213234
0.15972552	0.01287335	0.00445036	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00979481	0.02362795	1.00E-04	0.84007403	0.42113219	0.04454767
1.46076495	1.29592331	1.44538328	3.11522958	3.84022663	4.13169716	4.05935021
0.48624774	0.26903374	0.28388034	1.00E-04	0.21658298	0.28579159	0.19826404

3.18721097	3.46248902	3.38075639	1.41940053	1.92494237	2.35412339	2.34417107
1.00E-04	0.00715165	0.00548675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61552361	0.62082605	0.72962284	0.41129503	0.23326305	0.65259291	0.7486407
0.18025798	0.08322699	0.10380081	1.00E-04	1.00E-04	0.04686317	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38636631	0.26291876	0.35462663	0.14637494	0.4381939	0.71633065	0.64140334
0.13929803	0.17124151	0.24541004	0.29822036	0.35271468	0.35071284	0.34084549
0.46009761	0.08974713	0.14171058	0.30218343	0.34532068	0.53896136	0.58013529
1.22147073	0.71637158	0.91253253	0.75210295	0.78177443	0.80552921	1.01773185
0.60539456	0.27523619	0.40150429	0.8629057	1.1122254	0.95664122	0.97367732
0.91573681	0.49001272	0.65884466	0.61399345	1.57321105	1.57973722	1.86265624
1.89289154	1.21931162	1.46629723	1.10436884	1.91288369	2.47624311	2.31788444
1.00E-04	0.00939962	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01033482	0.02266648	1.00E-04	0.13788342	1.00E-04	0.11520094
1.00E-04	0.00611604	0.0053182	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09875887	0.07243988	0.0989871	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02502783	0.02100436	0.06664026	1.00E-04	1.00E-04	0.25871823	0.36686099
1.00E-04	1.00E-04	0.00786046	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03929072	0.04160495	0.11462084	1.00E-04	0.23083545	1.00E-04	0.03882749
2.49110237	2.60550219	2.62447986	3.61640632	4.25940883	4.8385106	4.88309024
1.00E-04	0.02783191	0.04582276	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00959804	0.00822347	1.00E-04	1.00E-04	0.20677774	1.00E-04
0.04053149	0.02407125	0.07320893	1.00E-04	1.00E-04	1.00E-04	0.0798939
0.02015898	0.04432362	0.0595791	0.12202459	0.23703677	0.21640664	1.00E-04
1.00E-04	0.01382974	0.00627697	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08997925	0.06171006	0.08024419	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60592517	1.0558355	0.8540536	0.16153019	1.00E-04	0.37880703	1.00E-04
1.17091322	1.31877986	1.67025274	0.21916179	0.1682696	0.05849349	0.2390582
0.2295676	0.10427493	0.13075102	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93500616	1.54276931	1.61434421	0.69739277	0.12742873	0.63424569	0.57372154
1.45654595	0.90196901	1.00764769	1.69545936	1.80730267	1.798589	1.69932901
0.11246754	0.05543107	0.04154078	1.00E-04	0.1198067	0.10106896	0.22692245
1.00E-04	1.00E-04	0.0343626	1.00E-04	1.00E-04	0.07556859	1.00E-04
2.92677521	3.08278452	3.10619624	1.57256015	1.42376396	1.91226265	2.20793754
0.08921771	0.05082715	0.07278901	1.00E-04	1.00E-04	0.11167765	1.00E-04
1.00E-04	0.03145974	0.04628264	0.23308689	1.00E-04	0.30140595	0.16849042
0.34633643	0.34508051	0.33410823	1.00E-04	0.23462857	0.19638987	0.29775228
0.23516535	0.12606497	0.15286894	0.27919844	0.6778998	0.55103591	0.21083436
0.16845328	0.13559537	0.13446794	1.00E-04	1.00E-04	0.07144654	0.40333633
1.00E-04	0.04889589	0.01614602	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2306408	0.06887556	0.09283192	0.12737399	0.2656345	0.07884093	0.04979202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17617741	0.08820756	0.10306751	1.00E-04	0.09827728	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11540968	1.00E-04
0.11114969	0.08807	0.11338053	0.12588478	0.43213191	0.32724051	0.28058095
0.53396395	0.83905847	0.3154318	1.00E-04	1.00E-04	0.20665724	0.23801183
1.00E-04	0.01398742	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00575533	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16672029
1.00E-04	0.02198755	0.03650472	1.00E-04	1.00E-04	0.035628	0.24944901
0.05522351	0.01363013	0.07866175	1.00E-04	1.00E-04	0.10809798	1.00E-04
0.03496927	0.037039	0.09787375	1.00E-04	0.03122142	0.10521849	0.08360215
1.00E-04	1.00E-04	0.00729415	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01614378	0.02357664	1.00E-04	1.00E-04	0.26596078	1.00E-04
0.08254789	0.05252364	0.16882231	1.00E-04	1.00E-04	0.09068699	0.26584723
1.56254291	0.97346195	0.76183644	0.28638859	1.10666803	0.79930301	0.41415747
1.00E-04	0.04098515	0.12414663	1.00E-04	1.00E-04	0.11115672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10141298	1.00E-04
1.00E-04	0.02909019	0.00949944	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02840319	0.00352035	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0646532	0.02457624	0.00510123	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00618925	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10709287	0.01444763	0.01829703	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01193865	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75690883	0.74408932	0.86448391	0.54931691	0.79272855	0.70298511	0.34475332
1.00E-04	0.00857861	0.02968257	1.11925053	0.29632334	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06414579	0.05032554	0.03946375	1.00E-04	1.00E-04	0.1571853	0.08360215
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04600649	0.02894209	0.03894488	1.00E-04	0.21670799	0.0971157	0.2695229
0.37656152	0.42340473	0.32688731	0.82076814	0.36318617	0.65690114	0.59680185
1.00E-04	0.00909493	0.0082462	1.00E-04	0.08340791	0.04692771	0.05824201
1.00E-04	1.00E-04	1.00E-04	0.2269273	1.00E-04	1.00E-04	0.23014147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18363755	0.25135537	0.23295817	1.00E-04	1.00E-04	0.22074562	0.51793787
1.00E-04	0.02466505	0.05139703	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01710056	0.05450503	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01842783	0.02480679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00586282	1.00E-04	1.00E-04	1.00E-04	0.12593273
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00717896	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10694486	0.05828388	0.12022588	1.00E-04	0.11157497	0.17531282	0.28253048
1.00E-04	1.00E-04	0.015629	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07507683	0.24318584	0.22644334	0.17696834	0.17896148	0.30734996	0.47252529
0.10673011	0.00709361	0.03852916	1.00E-04	0.15561278	0.15966084	1.00E-04
0.96528526	0.65340336	0.96865009	0.26961936	0.92967716	0.85331079	1.23209828
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34869187	0.51461574	0.47606614	0.35278939	0.4568174	0.18884224	0.45285562
1.00E-04	1.00E-04	0.016388	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17600094	0.32496252	0.30659137	1.00E-04	0.29481778	1.00E-04	0.13992167
1.00E-04	0.00633742	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20270695	0.4762336	0.42723873	1.00E-04	1.00E-04	0.08781411	1.00E-04
0.25465416	0.2076058	0.22328653	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01979667	0.03899622	1.00E-04	1.00E-04	0.09633075	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14455231	0.06592898	0.10879606	0.68062566	0.25418129	0.49323285	0.29802394
1.00E-04	1.00E-04	0.02395923	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00769281	0.00588191	1.00E-04	0.21433653	0.14461572	1.00E-04
0.0609343	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08220058
1.00E-04	1.00E-04	0.01453932	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.084893	0.02204659	0.02293576	1.00E-04	1.00E-04	1.00E-04	0.05651756
1.00E-04	0.00737954	1.00E-04	1.00E-04	1.00E-04	0.39089934	0.49224975
0.02457707	0.0901622	0.01346885	1.00E-04	0.19485115	1.00E-04	1.00E-04
1.00E-04	0.00600741	0.02705522	0.1731961	0.29000537	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02115114	1.00E-04	1.00E-04	1.00E-04	0.11096236
0.11388297	0.02816828	0.0574272	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06878919	1.00E-04	1.00E-04	1.00E-04	0.35344489	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.12688502	0.45452933	1.00E-04	0.31500615	0.37851087	0.75390218
0.07011086	0.00876943	0.01565019	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00778643	1.00E-04	1.00E-04	1.00E-04	0.04805283	0.19062629
0.02418403	0.07735807	0.09512398	1.00E-04	1.00E-04	0.0916311	0.31353421
0.02079332	0.07274448	0.04889618	1.00E-04	1.00E-04	0.15966084	1.00E-04
1.00E-04	1.00E-04	0.00802026	1.00E-04	1.00E-04	1.00E-04	0.12249115
1.00E-04	0.12358182	0.08699403	1.00E-04	1.00E-04	0.10615581	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00722323	0.02258515	1.00E-04	1.00E-04	0.14822922	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19583226	0.1568994	1.00E-04
0.41076814	0.0586765	0.05113371	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0521096	1.00E-04	0.00517	0.16167299	1.00E-04	1.00E-04	0.2059375
1.00E-04	0.00931358	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.01279769	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02435772	0.00937007	0.03519951	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14391359	0.12216436	0.2002401	1.00E-04	0.3461601	0.11002765	0.4051411
0.23969774	0.20910487	0.2702925	0.30998453	0.29166285	0.24235456	0.71814332
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21192616	0.02957641	0.02691472	1.00E-04	0.18108141	1.00E-04	0.26323106
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03221864	1.00E-04	0.01022886	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06009166	1.00E-04	1.00E-04	0.29483746	1.00E-04
0.63730384	1.1853667	0.70151258	0.61922974	0.49504429	0.58435666	0.32633802
0.01935208	0.24299124	0.10359285	1.00E-04	1.00E-04	0.04487066	0.116764
1.13777725	0.82289979	0.7861636	1.45395069	1.39923299	1.70093248	1.64281398
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01101513	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06420439	0.04045609	0.09230091	1.00E-04	0.280684	0.11364831	1.00E-04
0.45304292	0.26502861	0.33801014	0.63617202	0.48680519	0.18338217	0.87906841
1.00E-04	0.02313294	0.02123477	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30923993	0.31851025	0.38438107	0.56495953	0.56259084	0.53698671	0.31599041
1.00E-04	0.01747203	0.02439461	1.00E-04	1.00E-04	1.00E-04	0.16727424
0.78276353	0.23829149	0.2497246	0.55107402	0.74669444	0.45718618	0.28884215
0.02449094	0.04607532	0.03697752	1.00E-04	1.00E-04	0.0484334	0.08218145
0.09913522	0.07611254	0.13648787	0.96150861	0.84927733	0.28926844	0.63718285
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24512395	0.09706455	0.09391552	1.00E-04	1.00E-04	1.00E-04	0.3491981
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04775927	0.0374923	0.30369898	1.00E-04	0.06630141	0.07399951
0.44112981	0.12963943	0.3101611	1.00E-04	1.00E-04	0.05413955	1.00E-04
0.0690283	0.02213332	0.0071431	1.00E-04	1.00E-04	0.05683616	0.11876857
0.273783	0.09789394	0.08784897	0.08114769	0.75859945	0.31112177	0.22394641
0.28394004	0.34188074	0.26160808	1.00E-04	0.5015065	0.42280709	0.94971177
0.01121859	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39877347	0.26270879	0.33149979	0.65906265	0.43104768	0.56132133	0.57572065
0.04177505	0.21091899	0.25916431	0.69958344	1.00E-04	0.08952901	0.08197155
0.68442793	0.43229942	0.59010659	1.00552276	0.68298421	0.76957235	1.3765868
0.72613818	0.57676767	0.8084481	0.95320359	1.18258252	1.02507202	1.02976041
0.03108513	0.01645159	0.06884973	1.00E-04	1.00E-04	0.11089808	0.08440166
0.49331621	0.03285541	0.02757292	0.29676717	0.40161391	1.1361131	0.32316709
0.13251649	0.00505378	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02856857	0.0480881	0.02401396	1.00E-04	1.00E-04	0.11653856	0.20142207
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29181021	1.00E-04
0.05393214	0.01642435	0.05034849	1.00E-04	1.00E-04	1.00E-04	0.15976736
1.00E-04	0.00655149	1.00E-04	1.00E-04	1.00E-04	0.06777117	1.00E-04
0.59925704	0.78715771	0.68052193	1.34973524	1.28344434	1.52618859	1.7558146

0.28053535	0.34891159	0.4448788	1.00E-04	0.38873232	0.47028216	0.86663117
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46941708	0.38956581	0.58478364	0.38573067	0.70444021	0.7128834	1.0398065
0.75611366	0.43497009	0.94871125	0.15288892	1.00E-04	0.17036122	0.30216507
0.17643897	0.15328488	0.13151849	0.16521491	1.00E-04	0.0316184	1.00E-04
0.34829545	0.15587668	0.169429	0.66589688	0.58207452	0.38524011	0.08486834
1.00E-04	0.04076779	0.02728646	1.00E-04	1.00E-04	0.03403671	0.143334
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3777938	0.17800036	0.32455931	1.0495404	1.34629271	0.70786792	1.00201273
0.05195986	0.02213635	0.03293397	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00873856	0.01271002	1.00E-04	1.00E-04	0.0562331	0.05377231
0.18082676	0.19438227	0.19523474	0.3536708	0.4401788	0.83913195	0.88826106
0.31365434	0.11713622	0.1535584	1.00E-04	0.55813597	0.07254435	0.3511406
0.11386687	0.0220552	0.04953552	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4924859	0.32476297	0.54603694	1.00E-04	1.00E-04	1.00E-04	0.00986315
0.57433133	0.28692675	0.26631426	0.41383769	0.85314187	0.92885638	0.90311592
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10615581	0.36785876
0.21030022	0.02437754	0.09568605	1.00E-04	1.00E-04	0.51598821	0.60354855
1.00E-04	0.00273766	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01014146	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01389291	1.00E-04	1.00E-04	0.04168665	1.00E-04
0.23196256	0.18547869	0.30119155	0.0923123	0.46296855	0.59405605	0.75291677
0.20501759	0.15094226	0.15736672	0.72575086	0.10374589	0.56743035	0.80906498
0.21463373	0.19181418	0.20904108	1.00E-04	0.1915868	0.05481146	1.00E-04
1.60032995	1.51510187	1.6801685	1.72868186	1.80167943	2.04657498	2.0829536
0.72171831	0.85208537	0.90112742	0.25839384	0.543697	0.59055139	1.10196591
1.00E-04	0.01391706	0.00991922	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11155719	0.21049493	0.09227475	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69220229	0.48979588	0.19933374	0.06827891	0.06092552	0.15549188	0.4127845
1.50477632	2.62012365	2.36639471	0.52331668	0.64179011	1.25073081	1.53171413
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15517219	0.16100568	0.25440808	0.80391127	1.08938719	1.05534406	0.95754992
0.34394766	0.25074881	0.32726727	0.59167529	0.72418416	0.88706146	1.04046092
1.46606783	1.84956463	1.85893735	0.51645597	0.80049585	0.61017951	0.94692944
0.1867068	0.22577185	0.19954991	1.00E-04	0.06192802	0.18680933	1.00E-04
1.00E-04	0.00419291	1.00E-04	1.00E-04	0.37327016	1.00E-04	1.00E-04
1.00E-04	0.03822256	0.02239262	1.00E-04	0.0974067	1.00E-04	0.04847967
1.00E-04	0.04736951	0.01400249	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05787819	0.03981043	0.03195815	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3003058	0.08668823	0.16747641	1.00E-04	1.00E-04	0.04471923	0.06008526
0.79904632	0.85844137	0.60457211	1.00E-04	1.00E-04	0.04930448	0.11141783

2.50455926	1.80147026	2.02303164	2.67172292	2.9293977	2.94748288	2.89371826
0.15214936	0.05275704	0.07784489	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01606175	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1493489	0.17607498	0.20256077	1.00E-04	0.37793324	0.4944047	0.31290802
0.05335207	0.03583042	0.02323928	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13694684	0.06527663	0.05691927	0.250622	0.15623717	0.22644299	0.12100906
0.02762406	1.00E-04	0.00806644	0.29341138	1.00E-04	1.00E-04	1.00E-04
1.02036354	0.46312228	0.61556365	1.43861776	1.6297776	1.42148259	1.60675842
1.00E-04	0.00665868	1.00E-04	1.00E-04	1.00E-04	0.03726445	1.00E-04
1.13364275	0.50522884	0.56120242	0.66387199	0.67792593	0.53066866	0.70887889
0.08917579	0.03198522	0.05661062	1.00E-04	1.00E-04	0.12303795	1.00E-04
2.24046834	2.78239086	2.83189381	1.95988246	2.47261	3.22043602	2.86199814
0.36691295	0.28106919	0.33441505	0.10099152	1.00E-04	0.03786789	0.05485821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21669143	0.09526698
0.09180412	0.13667561	0.14480552	1.00E-04	0.2858596	0.07259946	0.06117828
0.05326647	0.00478181	0.01418382	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74002306	0.81978628	0.68307542	1.00E-04	1.00E-04	1.00E-04	0.14716797
0.09700349	0.08763628	0.07032713	0.60886612	0.41590884	0.28876245	0.31564984
0.40579169	0.26137153	0.28996936	0.5582324	0.2805497	0.46684113	0.27428548
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08312927	1.00E-04
0.83543156	1.53356123	1.43650219	0.89785312	1.10101649	1.6327328	1.6989471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13034879	0.05294504	0.14446035	0.48157865	0.23590003	0.33130934	0.49724665
1.00E-04	1.00E-04	0.00663301	1.00E-04	1.00E-04	1.00E-04	0.11358773
1.85366948	1.07387331	1.44746305	2.2405509	2.33586985	2.19531373	2.27585311
1.08919468	0.54380059	0.64579086	1.92377494	1.72155307	1.16769576	1.83636951
0.11920688	0.05241532	0.0551922	1.00E-04	0.13387729	1.00E-04	0.12526272
2.00230297	2.13791449	2.24942668	0.72939513	1.21393435	1.36186167	1.74371208
1.00E-04	0.01491823	0.04635032	1.00E-04	1.00E-04	1.00E-04	0.10010346
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06352332	0.0470225	0.02539155	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04437126	0.01236507	0.10229096	1.00E-04	1.00E-04	0.47952738	0.39673111
0.35440744	0.1841446	0.37734633	0.08256498	0.23207955	0.05962116	0.42666808
1.00E-04	0.00783558	1.00E-04	1.00E-04	1.00E-04	0.0979538	1.00E-04
0.45700315	0.86139012	0.73548039	1.00E-04	0.19573132	0.65125365	0.5498073
2.055485	1.23643377	1.57021783	1.55216677	1.57276753	1.82479817	1.97132087
0.0196046	0.03430158	0.03132764	1.00E-04	1.00E-04	0.29280592	1.00E-04
0.33448999	0.64956398	0.64438273	0.78788492	1.26038725	1.38385224	0.93144251
0.44506184	0.19599062	0.39716329	0.0642898	0.5602375	0.73126368	1.11049394
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4077768	0.66228842	0.75913386	1.00E-04	0.1682696	0.34220477	0.54021561
1.00E-04	0.00417978	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00730269	0.00803575	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.17786816	0.25211118	0.19152428	1.00E-04	1.00E-04	0.12406307	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07410028	0.0253136	0.4972075
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1088555	0.14255028	1.00E-04
0.71519075	0.56927529	0.2989708	0.42679777	0.14558354	0.36852491	0.31610984
0.49114401	0.10278616	0.09765073	1.00E-04	1.00E-04	0.33060186	1.00E-04
0.08776424	0.12604004	0.13492971	1.00E-04	1.00E-04	0.03860959	0.28252232
0.07804591	0.08597469	0.1283382	1.00E-04	1.00E-04	0.063664	1.00E-04
0.45034349	0.70499559	0.55439086	1.00E-04	0.37530683	0.07814326	0.30906422
0.03472965	0.03382269	0.01403906	1.00E-04	1.00E-04	0.12159371	0.31591918
1.0052099	0.69702881	0.71547242	0.36744735	0.22212738	0.22974268	0.54408832
0.07831048	0.27346652	0.29134943	1.00E-04	0.09046211	1.00E-04	0.12575391
0.16038155	0.18602541	0.33959734	0.28932985	0.11163307	0.14640646	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46914437	0.64501406	0.76760078	0.37580906	1.06601826	0.4576983	0.54916651
0.15804279	0.034221	0.07698238	0.16167299	1.23517378	1.00E-04	0.22917432
0.63638522	0.73037191	1.08968668	0.23264109	0.08489363	0.68146521	1.20120827
0.65005664	0.56881079	0.67298172	1.00E-04	0.39229053	0.26760503	0.09683518
0.35360192	0.0556764	0.15388984	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21313557	0.90617353	1.290593	0.31635757	1.00E-04	0.13670009	1.00E-04
1.04779693	0.67278449	0.31753373	0.32421228	0.24381611	0.2143024	0.11680265
0.3969072	0.24212134	0.25082726	0.49958677	0.80977878	0.11377889	0.78505672
0.01613681	0.0149384	0.02048697	0.32442846	0.12068367	0.12968523	0.24856061
3.24022098	2.47764716	2.83184589	0.07852155	0.37010491	0.44666831	0.72376366
0.80203596	0.09424844	0.27732336	1.00E-04	0.36871007	0.08717192	0.11445357
0.18382784	0.02997435	0.02002625	1.00E-04	1.00E-04	0.04072574	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.02348898	1.00E-04
0.04619081	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07604961	1.00E-04
1.05741414	0.9861931	1.17117298	2.58143866	1.09245025	0.76379133	0.85044951
0.24607908	0.2842638	0.31136939	1.00E-04	1.00E-04	0.16512387	0.28626297
0.17132934	0.09126375	0.10398281	0.4301496	0.12392856	0.14953245	1.00E-04
0.54417293	0.38918642	0.55806236	1.00E-04	0.32249839	0.04265583	0.13006612
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83689683	0.91959826	0.99870115	1.15936556	1.33217126	1.5600782	1.77986838
0.03703606	0.01560005	0.01703753	1.00E-04	0.26941115	0.50934981	0.75261024
0.1427077	0.04813852	0.0552751	0.18180874	0.09486419	0.09090306	0.08670263
1.00E-04	1.00E-04	0.01486681	1.00E-04	1.00E-04	0.11313683	1.00E-04
0.44942286	0.54759294	0.42961526	1.30021339	1.52045747	1.24105005	1.6076123
0.35017349	0.12161609	0.23659161	1.00E-04	0.21352878	1.00E-04	1.00E-04
0.05952686	0.08937374	0.07410386	0.16872105	1.00E-04	0.13444919	0.29043615
1.00E-04	0.02371725	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0111589	0.02042312	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9844519	0.70089336	0.76128506	0.20352824	0.10267768	0.10448047	0.00986315

0.08524997	0.09330435	0.09490267	1.00E-04	1.00E-04	0.23091524	0.12080265
0.40054165	0.82315219	1.02245412	0.80537927	0.91817865	0.53121618	1.14221269
0.03950075	0.02994666	0.02962704	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86788251	1.50214748	1.26551681	0.14547296	0.20532652	0.55867129	0.76557636
0.05960413	0.0486466	0.11058894	1.00E-04	1.00E-04	0.26311772	1.00E-04
0.33847509	0.44405751	0.52400124	0.24672226	0.42026958	0.66729114	0.76194026
1.00E-04	0.00879117	0.0036048	1.00E-04	1.00E-04	0.14122885	0.06339697
1.00E-04	0.01965939	0.00817792	1.00E-04	0.08770582	0.0710301	0.33583193
1.00E-04	1.00E-04	0.03724113	1.00E-04	1.00E-04	1.00E-04	0.03920679
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01721233	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14656961	0.04995601	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.10852579	0.12491028	1.00E-04	0.32487551	0.72916056	0.74019864
1.00E-04	0.00845523	0.00919876	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02133383	0.03768551	0.09797508	0.08380203	1.00E-04	0.28457317	1.00E-04
0.11907214	0.05404055	0.06176152	1.00E-04	0.16057177	1.00E-04	0.10251689
1.00E-04	0.01825676	0.0156876	1.00E-04	1.00E-04	0.05185586	0.11400979
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00429727	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11496423	1.00E-04
0.01349404	0.01542755	0.02643524	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68087448	1.26335761	1.37161034	1.00E-04	1.00E-04	0.37146158	0.22983821
0.08310245	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00488922	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06477439	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11660487	0.08490185	0.05208703	1.00E-04	1.00E-04	0.14111989	0.11684133
0.03637302	0.00595039	0.0410521	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03217594	0.01174685	0.0230281	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01274601	1.00E-04	1.00E-04	1.00E-04	0.06386862	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15131911	0.24048559	0.21900708	1.00E-04	0.21450146	0.18362347	0.10160198
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02079745	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03379816	0.01132382	1.00E-04	1.00E-04	1.00E-04	0.03493912	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04049419	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62616657	0.33783609	0.30943399	1.00E-04	0.45706694	0.78682112	0.56019475
0.08587349	0.00673089	0.05174235	1.00E-04	0.23553407	0.03807341	1.00E-04
1.00E-04	0.01014357	0.02329891	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01192199	0.00635896	1.00E-04	1.00E-04	0.06639371	1.00E-04
1.00E-04	0.01649635	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0429871	0.04469941	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04056773	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14544774	0.04872139	0.0425008	0.19903744	0.37006681	0.06379452	0.09106417
1.39370136	0.79890694	0.76661459	1.71602225	1.7721096	1.71877197	1.54117649
0.21557784	0.02016419	0.04845035	0.31155534	0.11406858	0.35436249	0.31801976
0.07682872	1.00E-04	0.03254815	1.00E-04	1.00E-04	0.03862835	0.18243112
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05682262	0.0738911
0.08011556	0.0406691	0.01815901	1.00E-04	0.15652265	0.08027435	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02741553	0.1263716	0.18838159	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04435174	0.00643867	0.00801698	1.00E-04	0.16363962	1.00E-04	1.00E-04
1.00E-04	0.03911079	0.03017179	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18274597	0.14475803	0.20391286	1.00E-04	0.12335791	0.06249609	0.12584363
1.00E-04	1.00E-04	0.01780033	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26532857	0.04577105	0.0600862	1.00E-04	1.00E-04	0.10461206	0.19218861
0.16523495	0.23480852	0.21524154	1.00E-04	0.20842871	0.30096007	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00649119	0.01495742	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01092991	0.04689812	1.00E-04	1.00E-04	0.13457609	1.00E-04
1.00E-04	1.00E-04	0.05605836	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02633391	0.02530184	0.05889695	0.21105484	0.1171546	0.07183397	0.16588617
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01960237	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00867505	0.03439307	1.00E-04	1.00E-04	1.00E-04	0.11230434
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0063742	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01853351	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02041777	0.05061293	0.10017657	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01498376	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12806454	1.00E-04
1.00E-04	0.0089535	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53578541	0.57783924	0.28813117	1.00E-04	0.14551639	0.14498066	0.21452874
1.09418526	1.07763143	1.09910104	0.94551271	0.43370155	1.13475972	1.21555512
0.85316601	0.60482445	0.74410219	1.39231507	1.11323751	1.41251569	1.4385967
1.00E-04	0.01090467	0.02281382	1.00E-04	1.00E-04	1.00E-04	0.15574377
1.00E-04	0.01294255	1.00E-04	1.00E-04	1.00E-04	0.03786789	1.00E-04
0.34782223	0.15741484	0.29586743	0.41025402	0.9551909	0.1238693	0.59277321

0.07002174	0.02441161	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.26366609	1.90467906	1.84839734	3.60879274	2.68348146	2.47995901	2.3129117
0.18680851	0.04222013	0.02292909	1.00E-04	0.29546641	1.00E-04	1.00E-04
0.07840942	0.04852891	0.06535503	0.08513605	0.25724289	0.09852062	0.41830433
0.05024926	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02076219	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98980452	0.22733505	0.20292579	0.73614368	1.4024295	0.60759813	0.43247663
0.17495637	0.0064375	0.00589606	1.00E-04	1.00E-04	0.26796881	0.35955554
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11043555	1.00E-04
1.00E-04	0.02082118	0.01416868	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09553569	0.10146211	0.10642759	1.00E-04	0.09571104	0.10379793	0.1267935
0.48523814	0.08376989	0.3016022	1.00E-04	0.09720799	0.15031924	0.25984985
0.72335414	0.44329369	0.53154556	0.35568216	0.65400907	0.3415484	0.74242572
1.00E-04	0.01360806	0.0197963	1.00E-04	0.33786551	0.07183397	0.15976736
0.40594824	0.16624506	0.33737204	0.56333765	1.33345759	0.86132618	1.41122545
0.15895703	0.23969984	0.4521497	1.20365654	2.23192354	2.6718806	2.86758282
1.00E-04	0.0042789	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05763019	0.03849299	0.06911516	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14797966	0.20008486	0.23360424	0.21922759	0.09780703	0.32873915	0.14724828
1.00E-04	0.00519333	1.00E-04	1.00E-04	1.00E-04	0.17997762	1.00E-04
1.00E-04	1.00E-04	0.00547603	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23001733	0.16212253	0.1806613	1.00E-04	1.00E-04	1.00E-04	0.01875595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05869596	0.01952619	0.02530745	1.00E-04	1.00E-04	0.06792561	0.20593994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23358678	0.09809115	0.14878693	0.14492562	0.37774386	0.35465513	0.40350761
1.53511414	1.54296037	1.96236806	1.67139716	2.72407875	3.1844358	3.33002525
0.69708286	0.35452665	0.56156915	2.03033521	2.21168365	2.14608389	1.8456422
1.00E-04	1.00E-04	1.00E-04	0.53007874	1.33236306	0.8838669	0.41872472
0.02665194	0.00650889	0.0191472	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00913814	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0329564	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11602885	0.13333472	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11744777	0.24752968	0.25781704	1.00E-04	1.00E-04	0.07392749	1.00E-04
1.00E-04	0.13492128	0.10723484	1.00E-04	1.00E-04	0.16440268	1.00E-04
1.29895741	0.97970996	0.98322816	0.96985366	0.92838187	0.83300999	0.85204368
0.32070971	0.28630358	0.56471857	0.52967675	0.97757881	1.4112217	1.38706984
0.10933701	0.06751943	0.10661323	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00633742	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20638353	0.0768416	0.03785285	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00696505	1.00E-04	1.00E-04	1.00E-04	0.24137992	1.00E-04
1.00E-04	0.00562978	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67471267	0.37860778	0.47180675	1.01577482	0.76831506	0.81627044	1.16788425
1.25430824	0.98313035	0.97915621	1.06474051	1.75060616	2.17467508	2.15299039
1.00E-04	0.05600582	0.15389395	1.00E-04	0.13656514	0.05449833	1.00E-04
0.40882742	0.28708022	0.32734118	0.45145343	1.02055284	0.72102627	0.70541692
0.40233785	0.4567083	0.57472636	0.1140431	0.45809383	0.85294625	1.12687353
0.38557068	0.29040629	0.28559886	0.88586958	1.12253878	1.06405458	0.80669189
1.37383815	1.53040846	1.61394579	0.69222645	0.7157144	1.1245179	1.09123739
0.2061883	0.0969722	0.17248035	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13734963	1.94730271	1.81729079	0.15672042	0.19718621	0.32717632	0.97698531
1.00E-04	1.00E-04	0.03929821	1.00E-04	0.09360811	0.38409816	0.57926253
0.01770179	0.07582882	0.02225489	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.08169659	0.06522065	1.00E-04	0.08563943	0.05863894	1.00E-04
1.00E-04	1.00E-04	0.01193127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28859456	0.05913471	0.22357359	0.34554181	0.67049303	0.63266753	0.7563824
0.02166756	0.09092872	0.12810906	1.00E-04	1.00E-04	0.0477259	1.00E-04
2.2402078	1.55936304	1.96038888	1.81310958	2.28175294	2.33123298	2.35211067
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03866945	0.01160565	0.04179347	1.00E-04	1.00E-04	1.00E-04	0.19900022
1.01395419	0.84796895	0.77138242	0.77886016	1.39793042	1.50172447	1.39721348
0.21423197	0.09070116	0.17731504	0.257195	1.00E-04	0.15241009	0.27537613
1.00E-04	0.03683931	0.01396233	1.00E-04	0.36368789	1.00E-04	1.00E-04
0.13454227	0.03842655	0.06246196	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04741565	0.02106092	0.06895045	1.00E-04	0.21089579	0.05530719	1.00E-04
1.00E-04	0.00743829	0.03362091	1.00E-04	1.00E-04	1.00E-04	0.14075941
0.23791157	0.14788189	0.16060518	1.00E-04	1.00E-04	0.27047129	0.51690021
1.55671028	0.89549276	1.33462968	2.46620158	2.31809492	2.2660522	2.52660731
0.4693593	0.44911241	0.5815092	1.12699231	1.42933615	1.30159747	1.47251238
1.00E-04	0.00329304	1.00E-04	1.00E-04	1.00E-04	0.07358527	1.00E-04
2.06569486	1.26825194	1.34303948	2.31649063	2.48084608	1.98842909	2.15358981
0.59894186	0.3965867	0.45199655	1.00E-04	1.00E-04	0.48859404	0.57177892
1.00E-04	0.02499344	0.02760062	1.00E-04	1.00E-04	0.05842346	1.00E-04
0.02723101	0.00765675	0.02592496	1.00E-04	0.0997866	0.06946913	1.00E-04
0.51630668	0.41201798	0.33353592	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0908314	0.15033691	0.22906628	0.42722306	1.00E-04	0.19258205	0.23219843
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13267343	0.02362651	0.03879071	1.00E-04	1.00E-04	1.00E-04	0.11482604
1.00E-04	0.05466141	0.21310797	1.00E-04	1.00E-04	0.36495516	0.50520225

1.5949465	1.58729402	1.55880512	1.24005047	1.44596077	1.39163339	1.61573226
0.34670728	0.39405634	0.43875134	0.73311715	0.64054113	0.25696335	0.68748547
0.22945946	0.10472756	0.1808691	0.71452679	0.64598097	0.23724638	0.34974045
0.5279406	0.35494344	0.14062189	0.12575505	0.06833988	0.25160507	0.11754198
0.85707154	0.91475647	1.04759052	0.24683891	1.40403	2.03660856	1.96426952
0.60360535	0.53902543	0.78349263	0.86721257	1.43265335	1.1247777	1.58063143
1.00E-04	0.03853159	0.06290463	1.00E-04	1.00E-04	1.00E-04	0.05824201
1.00E-04	0.00980656	0.01521446	1.00E-04	1.00E-04	1.00E-04	0.07470408
0.03824448	0.02805609	0.04677419	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05371211	0.03003145	0.10325743	1.00E-04	1.00E-04	1.00E-04	0.14229293
0.55570963	0.30409976	0.78855747	1.00E-04	1.00E-04	0.65715924	0.26693747
0.60537476	0.20173429	0.31078088	0.4646076	0.66386601	0.62999763	1.0795999
0.15927151	0.08878262	0.04506554	0.32269777	0.13582925	0.29775798	0.49870473
0.06393635	1.00E-04	0.00894756	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14322557	0.65209901	1.06069361	1.83641226	2.67951824	3.12984504	3.20389427
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00467942	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94088193	1.61728687	1.60929965	1.66307981	2.16461628	2.03988306	2.3404643
0.04377973	0.00558269	0.06842288	1.00E-04	0.31105097	1.00E-04	0.19015528
1.00E-04	0.0264124	0.02380428	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02927939	0.03484712	1.00E-04	1.00E-04	0.05561674	1.00E-04
0.07526244	0.05740655	0.04202113	1.00E-04	0.21579204	1.00E-04	1.00E-04
0.48017698	0.51796602	0.50049289	0.26405467	1.00E-04	0.14349756	0.28525872
0.23094783	0.05573918	0.0968905	1.00E-04	0.11773375	0.10899602	0.1715912
0.06652883	0.00528509	0.03972678	1.00E-04	1.00E-04	1.00E-04	0.12864308
0.16205316	0.01274334	0.02781465	1.00E-04	0.10637101	0.13753436	1.00E-04
0.03697371	0.04152764	0.04190582	0.38218579	0.3108751	0.07997814	0.10498717
1.00E-04	0.00885552	0.0084711	1.00E-04	1.00E-04	1.00E-04	0.0611465
0.09162668	0.0379154	0.06269181	0.17957605	0.21275234	0.04168665	0.21095902
1.19534229	1.03462734	1.15667241	1.60612491	1.80793461	1.23132217	1.53246763
0.37364639	0.41034918	0.48701236	0.76316979	1.26647934	0.96335341	1.53439826
2.94991322	2.73403829	2.83256895	0.24136098	0.44585118	0.39769065	0.74637268
0.248406	0.05625031	0.10451169	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78070302	0.20109555	0.17719991	0.38636523	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.927675	2.28066639	2.27154336	1.7563997	2.11189199	2.40121415	2.40138905
0.08063767	0.12089082	0.12065081	0.12603646	0.10660904	0.63766473	0.57979726
0.9082223	0.44227747	0.49410015	1.05052853	1.15037554	0.84899168	0.67100645
0.06900903	0.06769427	0.06289548	1.00E-04	0.233092	0.57704171	0.73025151
1.00E-04	0.00270946	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02423688	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16544885	1.9595584	2.38934129	1.22301131	2.13636202	2.34984193	2.72667524
1.95551816	1.47854592	1.66775119	0.96672871	1.0786704	1.36792969	1.56960622

1.4865339	0.91056191	1.33169852	0.87727645	1.71699886	1.95826505	1.97194161
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02479351	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0964383
1.15008769	1.16706396	0.91278721	0.17246091	0.71299771	0.64217533	0.85323568
1.00E-04	0.01804592	0.01617528	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01094894	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00984931	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03846947	0.01216979	0.01487588	0.16249899	1.00E-04	1.00E-04	1.00E-04
0.7150533	0.79934143	0.88908619	0.51389272	0.86743466	1.21841766	0.95023602
0.20049182	0.06579356	0.1324756	0.89498519	0.34693104	0.28057228	0.24276458
0.04308812	0.05798146	0.08772411	0.47533609	0.19204484	0.06539234	0.09475077
0.3066818	0.17340248	0.28521862	0.70805145	0.96049324	0.96584736	0.97344894
0.0193838	0.04788187	0.14162826	1.00E-04	1.00E-04	1.00E-04	0.3091254
0.90550123	0.53289507	0.68596419	1.08949475	1.18665844	1.04195367	1.24085124
0.3252839	0.13688935	0.17626863	0.38715082	0.82026166	0.85599862	0.65049767
0.11750336	0.00921486	0.01102397	1.00E-04	1.00E-04	0.04344841	1.00E-04
0.85063087	0.53708875	0.62294603	0.3948249	1.03524385	1.34372188	1.18011976
1.00E-04	0.03470515	0.05522938	1.00E-04	0.09827728	0.07087318	1.00E-04
0.61050484	1.27432211	1.03376342	0.22643458	0.20721677	0.62150136	0.54715332
1.00E-04	0.03952523	0.0122649	1.00E-04	1.00E-04	0.0647531	1.00E-04
0.04143489	0.00401355	0.10579581	0.85646377	0.13383548	0.3897055	0.51088792
0.6920976	0.43422803	0.51268817	0.34834899	1.10046786	0.97975357	0.70750826
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09476064	1.00E-04
0.06212468	0.04199351	0.02862963	1.00E-04	1.00E-04	0.30898327	1.00E-04
0.06284637	0.0317127	0.04691776	0.43285531	0.35159453	0.34585675	0.11961416
0.05513222	0.02583585	0.02901213	1.00E-04	0.09884359	1.00E-04	1.00E-04
1.00E-04	0.00857793	0.00808021	1.00E-04	0.39358946	1.00E-04	1.00E-04
0.41658646	0.36063048	0.26345975	1.00E-04	0.10558522	0.26673424	0.18698281
5.4189128	5.21451455	5.19286795	3.25396812	2.93507414	2.95994149	3.00108695
1.10770597	0.52341003	0.57068577	0.44991233	0.3404797	0.31226998	0.4066584
0.19344074	0.06747135	0.10482037	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03288852	0.0866611	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03376457	0.12887053	1.00E-04	0.44304786	0.06093122	0.14177805
1.00E-04	0.00761821	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07470408
1.00E-04	0.08124906	0.11546568	0.27480314	0.20398184	0.06613592	0.43201656
0.50126666	0.49710067	0.28228245	0.11926207	0.09484321	0.05568167	0.49403649
0.36521436	0.16826858	0.24548745	0.63750651	0.38444798	0.37645531	0.24360128
0.02999157	0.03512458	0.01703334	1.00E-04	1.00E-04	0.07845181	0.11941173
1.00E-04	1.00E-04	0.00767072	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62112362	0.46806864	0.56113889	0.46064973	1.16164562	1.4862943	1.5666418
1.00E-04	1.00E-04	0.01337048	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89080891	2.57203114	2.78745686	3.06093566	3.32136487	3.22989077	3.46663506

0.13741721	0.62451555	0.33979106	0.2229086	1.00E-04	0.19596351	1.00E-04
0.05219808	0.01573004	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00782272	1.00E-04	1.00E-04	0.13744117	1.00E-04	1.00E-04
0.01536182	0.04807008	0.12981964	0.28772908	1.00E-04	0.08506937	0.15567499
0.48744579	0.39186285	0.53346466	1.01252906	1.09916356	1.18904296	1.23515471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61698807	0.58746928	0.58510343	0.42724973	0.58781272	0.46297196	0.44911398
0.04297947	0.03507682	0.01034995	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52858048	0.90771889	0.9589015	0.56522646	0.31432091	0.63533443	0.62474306
0.05353112	0.01128126	0.03448812	1.00E-04	0.17948679	0.06648627	0.0806053
1.00E-04	0.14935209	0.13919866	1.00E-04	1.00E-04	0.04042206	0.07620359
0.41037718	0.40466644	0.47896915	0.78881753	0.95071846	1.14109528	1.24535779
0.05702643	0.00879241	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75193392	0.49634999	0.95278044	0.14550189	0.20641663	0.1722469	0.08144207
0.14983627	0.22243683	0.21945071	0.18663583	0.11160401	0.57128	0.48047413
0.4676186	0.31680332	0.5177496	1.00E-04	0.27606048	0.12077601	0.04476222
0.25189898	0.13033162	0.26572338	1.00E-04	0.15779127	0.05754103	0.37545406
0.267875	0.22249232	0.29231523	0.54493267	0.06227408	0.38129521	0.13733063
0.1387888	0.34480662	0.2882417	1.00E-04	0.1310124	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02415215	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01918865	0.0437132	0.06668446	1.00E-04	1.00E-04	0.16003356	1.00E-04
1.57827072	1.49921489	1.89485721	1.32142994	2.02159964	2.65370248	2.85444155
0.24259286	0.197237	0.14323951	0.58939425	1.00E-04	0.27889624	0.63562394
0.07417554	0.02930678	0.04120293	1.00E-04	0.26085915	1.00E-04	0.12977512
0.2493472	0.0633069	0.1690752	1.00E-04	0.20369807	0.20131097	0.43464047
0.13385521	1.00E-04	1.00E-04	1.00E-04	0.12675042	1.00E-04	1.00E-04
0.21614874	0.02475099	0.04691952	0.35318214	0.68556484	0.26603851	0.46330349
0.1462629	0.00603398	0.07375786	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82159786	0.44232057	0.47603884	1.00E-04	0.24517713	0.08533103	1.00E-04
1.00E-04	0.01622139	0.08395119	1.00E-04	0.34101058	0.30244917	0.19882514
0.2563351	0.06164782	0.10578963	1.00E-04	0.40268612	0.46938102	0.2012109
0.04682174	0.04940481	0.1091216	1.00E-04	1.00E-04	0.04042206	1.00E-04
0.15315791	0.23930065	0.15281576	0.15499404	1.00E-04	0.26219638	0.06452003
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48839239	0.26676588	0.34496479	0.91107024	0.45075155	0.68343302	0.35655301
2.25741446	2.15434671	2.33542276	1.10119634	1.89632565	2.34953893	2.34927645
0.42048423	0.55821476	0.62905125	0.72388526	0.79960791	1.03637209	1.04653579
0.08129278	0.17085375	0.18028397	1.00E-04	1.00E-04	1.00E-04	0.10910964
1.00E-04	0.01409472	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.09233297	4.11471731	3.98915972	1.95889305	2.29160961	3.26897434	3.3873109
0.05615148	0.0112818	0.01761708	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01293317	0.07886793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89212667	0.854074	0.72348836	0.27022348	1.00E-04	0.23285003	0.4756305

0.29211947	0.22564856	0.34704322	0.20663587	0.48210179	1.01802777	1.07863499
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00917732	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00425748	0.01216061	1.00E-04	1.00E-04	0.04218805	1.00E-04
0.29711942	0.1785557	0.17960822	0.54700671	0.82298692	0.79891648	0.71076699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1066046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04507592	0.03240698	0.02306766	1.00E-04	0.19773307	0.04475279	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01346335	0.01486842	1.00E-04	0.10969097	0.22787455	1.00E-04
0.02389214	1.00E-04	0.00808497	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13468504
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38416344	0.50889297	0.67459349	1.00E-04	0.09193585	0.09981913	0.00986315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02232537	1.00E-04	0.02682968	1.00E-04	1.00E-04
1.00E-04	0.00531428	0.13059559	1.00E-04	1.00E-04	0.13457609	1.00E-04
0.31390872	0.27903542	0.2522845	1.00E-04	1.00E-04	0.28895614	0.13478798
1.00E-04	0.02024808	0.01159137	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05072691	0.06707956	0.10248483	0.25209387	1.00E-04	0.11396779	0.1442133
1.00E-04	0.00898916	0.0073382	1.00E-04	1.00E-04	1.00E-04	0.18546956
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0168669	0.09134788	1.00E-04	1.00E-04	0.15182079	0.15615772
0.13319031	0.05954758	0.05903797	1.00E-04	1.00E-04	0.09707615	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0149914	1.00E-04	1.00E-04	0.07693299	1.00E-04
0.20333169	0.1252896	0.13056647	0.19202927	1.00E-04	0.29181489	0.18648779
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0042253	0.00641452	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12787563	0.03328089	0.04807599	1.00E-04	1.00E-04	1.00E-04	0.21370541
0.10596106	0.01315253	0.02891447	1.00E-04	1.00E-04	0.15236372	0.28300285
1.00E-04	0.01381481	0.02251614	1.00E-04	0.0861728	0.27214891	0.27503976
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06785592
0.02681932	0.11932913	0.13534954	0.21471554	0.15698159	1.00E-04	0.1070249
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04449674	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01695043	0.05496592	0.03262824	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0646172	1.29287004	1.53432108	0.60807949	0.51194339	0.81046298	0.74009576

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10102612	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00786856	1.00E-04	0.12556222	1.00E-04	1.00E-04
0.02463877	0.03756442	0.03685506	1.00E-04	1.00E-04	0.07656162	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09188372	0.02509986	0.03311134	1.10585392	0.15226024	0.08932772	0.14409543
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.42506862	3.49779059	3.33473565	4.24998284	3.51711765	3.20215466	3.64684801
0.35004035	0.59614481	0.64372306	1.00E-04	0.09247105	0.39011593	0.13594061
1.00E-04	0.00514767	0.01946709	1.00E-04	1.00E-04	1.00E-04	0.13953414
1.00E-04	0.0035929	0.01155103	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0510791	0.14523453	0.16842289	0.16875998	0.13656514	0.09230224	0.18668548
1.00E-04	0.00696466	0.03051286	1.00E-04	1.00E-04	1.00E-04	0.09364931
0.02446366	0.03985325	0.06177343	1.00E-04	0.08704723	0.35056785	0.10186591
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01633505	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12729665	0.08427988	0.12036159	1.00E-04	1.00E-04	0.06687784	1.00E-04
1.9063082	2.36093431	2.38270321	0.28504486	1.37124839	1.27341107	1.65540417
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16163033	0.03566229	0.09710422	1.00E-04	1.00E-04	0.15835895	0.20061859
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01281792	0.01253064	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85066643	0.67365058	0.8874305	0.4411987	0.81492174	0.99460108	1.13266228
1.00E-04	1.00E-04	0.01478485	1.00E-04	1.00E-04	1.00E-04	0.08655382
0.15920453	0.01237442	0.0234781	1.00E-04	1.00E-04	0.09476064	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02545886	0.0157162	0.03662193	1.00E-04	0.19967127	1.00E-04	0.1594061
1.00E-04	1.00E-04	0.0165201	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10346056	0.01754455	0.00790253	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32329075	1.00E-04	1.00E-04
3.94630277	3.34870013	3.59054386	3.30593121	4.14801184	4.78430975	4.68497661
0.2154079	0.09628935	0.19503031	1.00E-04	1.00E-04	1.00E-04	0.06481669
0.97196648	0.84248092	0.95201942	0.60049257	0.28184916	0.55337301	0.65747604
1.00E-04	0.02632535	1.00E-04	0.32298666	1.00E-04	0.13678891	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17465349	0.07624416	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1874256	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11289709	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02861642	0.04911279	0.03430548	1.00E-04	0.21596178	0.11561845	0.26162184
3.09546918	2.43156199	2.579907	2.79006763	3.25719097	2.91193032	3.08330653
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.02063979	0.24975934	0.11450507	1.00E-04	1.00E-04	0.12207428	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02857001	0.03890182	0.16514031	0.53060208	0.65985712	0.07037134
1.00E-04	0.01396687	0.00549202	1.00E-04	1.00E-04	0.07639072	1.00E-04
0.09893254	0.06511605	0.03025511	1.00E-04	0.30377381	0.15240388	0.28170911
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00519855	0.00837293	0.91240321	1.26698124	1.07244645	0.74604349
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00435869	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01467569	0.00933956	1.19783351	1.19520432	0.57634917	0.66362184
1.14624499	0.63859682	0.92999306	1.00E-04	0.51301334	0.13014484	0.17818642
0.10327823	0.04028238	0.04292135	1.00E-04	1.00E-04	0.05978558	1.00E-04
0.05578749	0.07108877	0.0733655	1.00E-04	1.00E-04	0.15733923	1.00E-04
0.42163463	0.18547237	0.11097226	1.00E-04	0.6688086	0.85779205	0.96321821
3.53934762	3.33079103	4.14502462	4.91360928	3.53277558	4.21114344	4.41169814
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03429478	0.01586352	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.88154961	3.62055543	3.54246803	0.79031877	0.83285846	0.60634061	0.79359665
4.89789538	5.04412915	4.65792563	1.82766444	1.33504785	1.48758309	1.45201078
0.03520058	0.06428114	0.09451411	1.00E-04	1.00E-04	1.00E-04	0.11933096
0.07759713	0.01857	0.02267695	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09525026	0.08237128	0.16665726	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51171734	0.29612969	0.46660959	0.61875295	1.17512211	1.10628255	1.02553035
1.00E-04	0.02873436	0.01397657	1.00E-04	0.12600517	1.00E-04	1.00E-04
0.10124419	0.01886279	0.03209887	1.00E-04	1.00E-04	1.00E-04	0.07607224
0.36275339	0.29800613	0.39085446	0.20475791	0.80243289	0.71742547	1.14045186
0.1171594	0.04570867	0.02996196	1.00E-04	0.25376906	0.12075374	0.07003633
0.95288753	0.68089112	0.77374262	0.86148285	1.51233546	1.33040507	1.02640663
1.00E-04	0.01195989	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21680491	1.26760598	1.27452654	1.97199635	2.18394023	2.01109858	2.02726355
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34540306	0.17263608	0.3038072	1.00E-04	0.19239772	1.00E-04	1.00E-04
0.27042442	0.27491178	0.42079979	0.99223723	0.60836355	0.76693851	1.31924346
0.06956082	0.03468958	0.1197711	0.1968923	0.20761995	0.15318836	0.2083095
0.51192198	0.38109665	0.4591279	1.00E-04	0.35325073	0.24244456	0.1209261
1.30924845	1.50519426	1.61492248	0.34700792	0.41634953	1.58129321	0.98617296
1.42885217	1.50501729	1.2745585	2.11704022	2.10422453	2.24635422	2.04407922
0.11891648	0.64549293	0.53621748	1.00E-04	1.00E-04	0.04986109	1.00E-04
3.26376976	2.51626344	2.64735162	2.88780573	3.43754091	3.46246616	3.43191422
1.00E-04	1.00E-04	0.01280366	1.00E-04	0.28468056	1.00E-04	0.10961804
4.21749929	3.92230157	4.1393668	3.07070807	3.91930939	4.61495883	4.74602971
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.0103245	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03722008	0.85394465	1.16223639	1.82128746	2.46413089	3.28365926	3.51002404
0.03451652	1.00E-04	0.02164064	0.33193832	1.00E-04	0.08956766	1.00E-04
2.26854317	2.15986578	2.36650695	2.4596821	3.19820122	4.03779175	3.9266297
0.76411753	0.43502769	0.54308156	0.54753672	0.21557442	0.17720379	0.38113029
0.04490013	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01513221	0.04936554	1.00E-04	1.00E-04	0.05243733	1.00E-04
0.29876795	0.12300039	0.22351333	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02699512	0.11127606	0.06101086	1.00E-04	0.51074395	1.00E-04	0.09672903
0.38028784	0.30505915	0.29380241	1.01029033	0.84163007	1.30825888	1.13657907
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19903076
0.19672299	0.10426615	0.10750676	1.00E-04	0.51761254	0.02732611	1.00E-04
0.10648677	0.09599067	0.0443164	1.00E-04	1.00E-04	0.18319679	1.00E-04
0.22642373	0.17571323	0.12395607	0.33414929	0.27110357	0.50126562	0.70869062
0.03896281	0.03751469	0.02579375	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29341106	0.34386809	0.50450934	1.00E-04	0.09571104	1.00E-04	0.29267299
1.2332158	0.97529723	1.00858983	1.03977557	0.79150669	0.50191993	0.93597405
0.1354728	0.16329483	0.18627785	1.00E-04	0.20298118	0.23512367	1.00E-04
1.203631	1.44958052	1.74357175	0.65153623	0.97020608	0.99344068	0.95916009
1.88810892	1.65130021	1.91862245	1.50397445	1.35372066	1.21042794	1.83933064
1.00E-04	1.00E-04	0.01095885	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01241261	0.02870621	0.03379059	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19691238	1.39685582	1.33810315	1.00E-04	0.29613804	0.38428636	0.34153489
0.09629765	0.02093868	0.0058456	1.00E-04	1.00E-04	0.04980903	1.00E-04
1.00E-04	0.02293663	0.08078905	1.00E-04	1.00E-04	1.00E-04	0.45007995
0.818631	0.97721513	1.04757123	0.63195965	0.51971004	0.34817085	0.66528245
1.00E-04	0.00720687	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05631448	0.04764604	0.07167947	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90048649	0.61353788	0.859531	1.24573899	0.91091223	1.07575884	1.21305829
0.10649079	0.05789814	0.12893766	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58468841	0.19520115	0.38924986	0.51283702	1.07825294	1.20035534	0.73251
0.29927296	0.05570164	0.10154258	1.00E-04	0.11677167	0.30932175	0.45425593
0.11835065	0.09956708	0.10524704	1.00E-04	0.43995014	0.26633767	0.16256425
2.78196183	2.51842316	2.71657245	2.04769295	3.05509067	3.35784464	3.51632873
1.12126129	0.95227521	1.13237949	0.22482606	1.34307158	1.77960633	1.74679266
0.23572086	0.1345654	0.17078556	0.39107988	0.40345166	0.26164231	0.50068881
1.94049115	1.56970129	2.01523944	1.56298317	2.07932979	2.95191932	2.65801938
0.17626193	0.46117413	0.44397581	0.16926772	1.00E-04	0.34604477	0.14999691
0.20369088	0.24974953	0.24073652	0.10702693	0.32228003	0.24970137	0.18576324
0.10378999	0.07223384	0.01640223	0.26569168	0.18652697	1.00E-04	0.18242988
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02692158	0.03079844	1.00E-04	1.00E-04	0.06428181	1.00E-04
2.57779642	2.63683499	1.2943917	1.00E-04	0.27962044	1.01317933	0.77867111

0.4874267	0.25494552	0.36765784	0.51882857	0.69637177	0.80863057	0.80628928
0.26456975	0.20898274	0.35664672	0.08210241	0.60573928	0.49740024	0.64705992
0.63461109	0.45672769	0.74152428	1.17555687	1.09946801	1.13193212	1.49337962
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17498912	0.03730666	0.03777453	1.00E-04	0.21320934	1.00E-04	0.07982165
1.00E-04	0.01334889	1.00E-04	1.00E-04	1.00E-04	0.04683556	1.00E-04
0.01808279	0.02576987	1.00E-04	1.00E-04	1.00E-04	0.11880472	1.00E-04
0.51691021	0.22833129	0.34900124	0.7875585	0.91547229	0.628333	0.67729702
0.66982584	0.99664965	0.25446422	1.00E-04	0.29290348	0.42902822	0.3072352
0.63883177	0.55175927	0.37293293	1.00E-04	0.23837571	0.40836151	0.45768904
0.2265456	0.18007085	0.13657508	0.22531639	0.3335775	0.63590213	0.44842858
0.19995528	0.15721357	0.0408444	1.00E-04	0.95674646	0.91426358	0.5679606
0.69831984	0.34579617	0.45962865	1.58333877	1.50713079	0.98304343	1.01524256
1.00E-04	1.00E-04	0.00566493	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39339145	0.38884794	0.45725285	1.00E-04	0.13041439	0.19335316	0.17984282
4.12276383	4.11786081	3.97447628	1.95508213	2.83256833	3.33970002	3.4759283
4.30074292	4.65269973	4.60222888	2.2675252	2.57659984	2.88378922	3.19932826
0.93473129	0.23013994	0.30850872	1.00E-04	0.15690173	0.19509567	0.30731538
0.10524793	0.04100011	0.05345587	1.00E-04	0.08608632	0.10540426	1.00E-04
0.14940444	0.02091317	0.04761406	1.00E-04	0.54665343	0.20727697	0.32461299
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13407067
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00642567	0.04541088	1.00E-04	1.00E-04	0.21791547	1.00E-04
0.479087	0.57783467	0.4830582	0.19235482	0.09537049	0.16991941	0.35411664
1.00E-04	1.00E-04	0.00857105	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00586686	0.00278832	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04081474	0.07235753	0.08624649	1.00E-04	0.10706157	0.42615085	0.2967619
0.38492189	0.53343762	0.57089971	0.26715255	1.00E-04	0.12484321	0.12105573
0.02199301	0.11689761	0.11838237	1.00E-04	0.3529006	0.05520477	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28044932
0.81626968	0.72003347	0.91433576	0.06245449	1.00E-04	1.00E-04	0.37401784
0.07073298	0.08796804	0.14385434	0.12405056	1.00E-04	0.0933595	0.15228937
0.05066683	0.32074491	0.31168667	0.12636275	0.13404479	0.07734936	0.27317904
0.13409663	0.68955761	0.6805259	0.18434121	0.39438465	0.69180632	0.45701335
0.94082358	0.79943238	1.07910892	0.29071629	1.00E-04	0.11810382	1.00E-04
1.02962602	1.48759369	1.49098359	1.00E-04	0.38033022	0.36409638	1.00E-04
0.02140213	0.10446682	0.14829514	0.3488979	0.29014763	0.11602784	1.00E-04
0.03390002	0.03102329	0.01975149	1.00E-04	1.00E-04	0.11623245	1.00E-04
0.54244584	0.22941216	0.20512152	0.47939645	0.63139732	0.84752825	0.70150017
1.00E-04	1.00E-04	0.00758344	0.05115947	0.44586335	0.42051762	0.67631515

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10141298	0.10319924
2.16907916	1.87754848	2.24989592	0.78119866	1.98178413	1.48383133	1.80563215
1.00E-04	0.00936911	0.01778037	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15036324
0.01802837	0.08308116	0.13507941	1.00E-04	1.00E-04	1.00E-04	0.12205568
1.00E-04	1.00E-04	0.00449597	1.00E-04	1.00E-04	0.06424718	1.00E-04
1.00E-04	1.00E-04	0.01955052	1.00E-04	0.29990071	0.07376739	0.12785045
1.00E-04	1.00E-04	0.00435161	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15898936	0.09824862	0.11617201	0.18973625	0.48385139	0.20763689	0.57591993
0.78211884	0.53914673	0.93981779	1.24436665	1.46514442	1.79515627	1.99767982
1.00E-04	0.00827266	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0327587	0.0175345	0.00712382	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01257838	0.01656982	0.59892353	0.12219741	1.00E-04	1.00E-04
0.08082081	0.04370157	0.04551668	1.00E-04	1.00E-04	0.08090084	1.00E-04
0.20878233	0.05032467	0.11962063	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00715412	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09498699	1.00E-04	0.03220656	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15356219	0.08075343	0.05568011	1.00E-04	0.13053356	0.15618597	0.45191934
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23084752	0.13456158	0.20893742	1.00E-04	1.00E-04	1.00E-04	0.11426824
0.38570944	0.41167154	0.44652399	1.00E-04	1.00E-04	0.09230224	0.03716659
1.00E-04	0.01424509	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44443009	0.3184674	0.2943282	1.00E-04	1.00E-04	1.00E-04	0.30908978
0.48528904	0.10544044	0.21911881	0.07371875	1.00E-04	0.13494788	0.46264222
0.07240613	0.06105486	0.01720863	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27187347	0.2773889	0.20666061	1.00E-04	1.00E-04	0.18832083	1.00E-04
2.17806937	1.00773499	1.11073719	0.6074869	1.405949	0.59698364	0.84448877
1.00E-04	0.00918675	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15860936	0.09575031	0.0780051
0.42422279	0.16459911	0.13667738	0.48619693	0.12350008	0.10581779	1.00E-04
1.39470624	1.261355	1.32090735	4.12728976	4.65530208	4.35558299	4.25492467
0.08284769	0.18283828	0.15645701	1.00E-04	1.00E-04	0.12283147	0.13285863
0.12347445	0.11775181	0.10725555	0.23021954	0.47638783	0.26665895	0.57683185
0.42945718	0.51322368	0.64062806	0.92098303	0.99097089	0.95799004	1.59536347
0.08710302	0.10661196	0.12100622	1.00E-04	0.38650506	0.57984896	0.50708182
0.23557843	0.39007612	0.42962815	0.2900214	0.04304737	0.84080896	1.00E-04
0.07196267	0.02003331	0.04524398	1.00E-04	1.00E-04	0.03977495	1.00E-04
0.08704572	0.03818755	0.08421694	1.00E-04	1.00E-04	1.00E-04	0.12688471
0.07377592	0.0483208	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06866988	1.00E-04	0.0099185	1.00E-04	1.00E-04	1.00E-04	0.09898052
1.19560794	1.87536768	1.51995163	1.11748107	1.17796871	1.4151586	1.18001191
0.11073858	0.26347762	0.36960545	0.56652223	0.89325673	0.60830206	0.80769854

0.56761482	0.37656259	0.58508787	0.12466307	1.24261768	0.86335599	1.09471573
0.16303909	0.11184408	0.06689567	1.00E-04	0.25137595	0.25377836	1.00E-04
0.0456965	0.01395733	0.02569391	1.00E-04	0.11304594	1.00E-04	0.18277296
0.07449969	0.03183627	0.04992479	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17313671	0.06130263	0.03593976	1.00E-04	1.00E-04	0.05402917	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1655	0.1594061
1.00E-04	0.03503143	0.08234601	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08488411	0.0365189	0.08176124	1.00E-04	1.00E-04	0.21153829	0.09864854
0.17004643	0.11284575	0.09047608	0.28955904	1.00E-04	0.17099666	0.21043287
2.40776017	3.17977466	2.76840219	0.74087881	0.73084625	1.6921882	1.7327264
1.1980078	1.860789	1.99051057	0.37434109	1.00E-04	0.79545135	0.25142388
0.16477275	0.06966793	0.20225223	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00449929	1.00E-04	1.00E-04	1.00E-04	0.11757363	1.00E-04
1.00E-04	0.04574056	0.0069581	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03021992	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18852226	0.24434446	0.21319989	0.14506926	1.00E-04	0.04698449	1.00E-04
2.13620262	1.75045831	1.80910156	1.00E-04	0.440414	0.42533026	0.83177172
0.13628781	0.17299131	0.15072632	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10496468	0.03445836	0.01954082	1.00E-04	1.00E-04	1.00E-04	0.13887477
0.1711129	0.04341892	0.0675551	0.18372768	0.10392189	1.00E-04	0.12665692
1.00E-04	0.0040684	0.02411154	1.00E-04	0.06960386	1.00E-04	1.00E-04
0.80426112	1.07823479	1.00637759	0.28419818	0.11532666	0.67838513	0.12022556
0.20394983	0.22095916	0.22184892	0.19484498	0.28940419	0.66305788	0.6385773
0.15161489	0.09402819	0.11075391	1.00E-04	1.00E-04	0.08437769	0.11030334
0.04773053	0.00670906	0.02821125	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18057955	0.14823446	0.11392465	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22254175	0.14768357	0.13681995	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86325502	0.3882539	0.36067597	0.10464164	0.48756893	0.06312473	1.00E-04
0.36777623	0.358617	0.46219662	3.01481604	3.62595257	4.51402966	4.52896327
0.05577798	0.03032164	0.0274056	0.56487924	1.03608037	1.31644431	1.25591584
2.24368969	1.88265097	2.42893292	2.08125429	2.91623029	2.85847578	2.99815777
0.81293897	0.50510239	0.44773691	0.84121293	1.21797897	1.20305319	1.21330373
0.37843287	0.39318116	0.52140061	0.60464277	0.39257125	0.79091974	1.22303978
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09753411	0.10527624	0.05977326	1.00E-04	1.00E-04	0.15569284	1.00E-04
0.12168	0.0602516	0.0462665	1.00E-04	0.16376478	1.00E-04	0.26319321
1.00E-04	0.00568079	1.00E-04	1.00E-04	0.1702095	1.00E-04	1.00E-04
1.00E-04	0.00394304	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37325025	0.31264004	0.40681619	0.18167321	0.69671098	1.47777592	0.78637935
1.00E-04	0.04302945	0.00650694	1.29323047	1.87227829	1.30554987	1.53624868
0.06062087	0.01948922	0.02072758	1.00E-04	1.00E-04	0.10867295	1.00E-04
1.00E-04	0.0055983	0.00365762	1.00E-04	1.00E-04	0.04051131	1.00E-04
3.82239709	3.150159	3.35507276	2.8595269	3.60539053	3.73793682	3.4718473

0.27084032	0.23922222	0.30230642	0.83225777	1.27287404	0.84441698	0.90543473
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84995007	0.59485368	0.66623212	0.40800242	0.91132218	0.9117185	1.16253799
1.00E-04	0.03461571	0.07369961	1.00E-04	1.00E-04	0.17778012	1.00E-04
0.02436673	0.00963022	0.02070936	1.00E-04	0.14092168	1.00E-04	1.00E-04
2.30071275	1.80468264	2.20432656	2.48648364	2.81171377	2.5816053	2.7188276
0.57052342	0.27287789	0.25070686	1.00E-04	0.11428142	1.00E-04	1.00E-04
1.00E-04	0.01797212	0.02477297	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27095987	0.53990534	0.49362884	0.58868695	1.00E-04	1.00E-04	0.12623256
0.0582355	0.07856698	0.08934978	1.00E-04	0.17728296	0.09205274	0.16531261
1.69451783	1.96994566	1.9778768	1.41676546	1.35398228	1.41119458	1.42437941
0.38219881	0.21104217	0.34042127	1.26891076	1.0994815	0.75828944	0.86414967
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29743866	0.25658272	0.23080817	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01066114	0.04583749	0.21675484	1.00E-04	0.09909594	0.06008526
0.9166162	1.68496672	1.85916885	0.49101168	0.56159318	1.15003987	1.00412078
1.00E-04	0.03516478	0.03789485	1.00E-04	0.33475872	0.18732762	0.07974952
0.08678617	0.0685236	0.06466255	1.00E-04	1.00E-04	1.00E-04	0.18981624
0.31429169	0.5914045	0.69194156	1.00E-04	0.25509062	0.20811144	0.34927442
0.25895628	0.54543361	0.34001036	1.00E-04	0.12556222	0.15236106	0.2990642
0.80392133	0.64818377	0.71366821	1.00E-04	1.00E-04	0.14586946	0.15926205
0.04059244	0.13505662	0.40368465	1.00E-04	0.15949537	1.00E-04	0.27580879
1.00E-04	1.00E-04	0.01216599	1.00E-04	1.00E-04	1.00E-04	0.27408384
1.00E-04	0.09234367	0.00890808	1.00E-04	0.13810562	0.04383167	1.00E-04
1.00E-04	0.01990972	0.03113729	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00591072	1.00E-04	1.00E-04	1.00E-04	0.05781443	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02166553	0.01513847	0.00788574	0.14617029	1.15658849	0.89315659	0.66210497
0.77675725	0.65987028	0.80799187	0.48228892	0.87976145	1.05117857	0.78439558
1.00E-04	0.02913292	0.09528291	0.36905266	0.12896243	0.05069842	1.00E-04
1.00E-04	0.03906381	0.01314823	0.12443002	1.00E-04	1.00E-04	1.00E-04
0.08911236	0.13720459	0.10316329	0.23212316	1.00E-04	0.0982769	0.38849247
1.00E-04	1.00E-04	0.02386671	1.00E-04	1.00E-04	1.00E-04	0.12579875
1.02499519	1.25248402	1.15006076	1.00E-04	0.25935705	0.31529848	0.51969204
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16147995	0.19479536	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00558218	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0341891	0.00630812	1.00E-04	0.1232515	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04659992	0.03757917	1.00E-04	1.00E-04	1.00E-04	0.08661753
0.09462938	0.00966703	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00862682	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16184591	0.01717469	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00374159	0.02725833	1.00E-04	1.00E-04	0.10553331	1.00E-04
0.05181067	0.03970689	0.04067248	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13770518	0.0537003	0.09210495	1.00E-04	1.00E-04	0.07912876	1.00E-04
1.00E-04	0.00758563	0.00484402	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26474836	0.22286336	0.15010687	1.00E-04	0.27225387	0.34470483	0.21939086
0.16651238	0.17955549	0.02687271	1.00E-04	1.00E-04	1.00E-04	0.10914338
1.00E-04	0.15181434	0.06489299	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00438721	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01743057	1.00E-04	1.00E-04	0.15979292	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00941902	1.00E-04	0.09038585	0.04476119	0.0888634
0.37018598	0.14616289	0.20988488	1.00E-04	0.41718372	0.11300711	0.05821321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01950512	0.01451647	0.01572066	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21743246	0.17616751	0.16362208	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00547603	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03366249	0.01932923	0.07795654	0.18271748	0.14546699	0.05276215	0.12954069
1.00E-04	0.01203372	0.03130817	1.00E-04	1.00E-04	0.20873597	0.11138317
0.05569328	0.05245382	0.07601753	1.00E-04	0.20198714	0.10196633	0.80253645
1.00E-04	0.00466167	0.0415171	0.22469227	0.09866166	0.14751293	1.00E-04
0.04829306	0.01094657	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08676656
1.00E-04	0.03665819	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02250707	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09011303	0.06066435	0.02425497	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00802763	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50533693	3.51929284	2.48806926	2.33815153	2.11100046	2.72514004	2.32680454
0.16976746	0.49683826	0.26127745	1.00E-04	1.00E-04	0.13966322	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02105055	0.0571636	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11377156	0.5153218	0.67093318	0.44495802	1.00E-04	0.2591906	0.1627928
0.15949479	0.31814962	0.14483543	1.00E-04	0.4143445	0.20689769	0.18858474
1.00E-04	0.01461668	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.06476036	0.14758296	0.26255681	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01249713	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32516406	0.10071829	0.15107061	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06808075	1.00E-04
0.31040801	0.19326298	0.27639064	1.00E-04	0.15884467	0.3185006	0.46221576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19699239	0.09249229	0.08769003	1.00E-04	1.00E-04	0.30095525	0.38164211
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25561489	0.14358591	0.20394412	0.2803363	0.53238778	0.21209933	0.14841251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.03148069	1.00E-04
0.44577169	0.37283693	0.59781132	0.39198507	0.12780872	0.07912876	0.30632867
0.39579098	0.37466589	0.41639313	0.24399891	0.23429045	0.4056867	0.73816911
1.11503391	0.48411595	0.52596466	0.16521491	0.76115938	0.44559894	0.3728432
1.93783051	0.97814134	1.48638959	3.84978444	3.86846895	3.52464013	3.57406342
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1186133	0.06395426	0.15505872
0.0900498	0.12756213	0.07302848	1.00E-04	1.00E-04	0.34067156	1.00E-04
1.00E-04	0.01283892	0.035807	0.29221266	1.00E-04	0.02883227	1.00E-04
1.02094281	0.68197241	0.82848778	1.4044169	1.51353475	1.42296456	1.42581768
0.50796481	0.37390057	0.49734922	1.05877145	1.48845106	0.99203783	1.19550102
0.238316	0.08542105	0.0988315	0.1120025	0.05181674	1.00E-04	0.23121749
0.99928321	1.22706886	1.10817078	1.00E-04	1.00E-04	0.141218	0.45202366
0.71310379	0.47223574	0.65830559	1.00E-04	0.25995399	0.10991993	0.06832864
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05383403	1.00E-04
0.0930186	0.01392709	0.0306181	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04646717	0.02597337	0.00609689	1.00E-04	0.16566547	0.10167255	0.16271764
0.04139026	0.03768671	0.03196947	0.41104512	0.95475153	0.44240477	0.46074613
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13002404	0.44131887
0.02465985	0.07011186	0.05550942	1.00E-04	0.16027131	1.00E-04	0.2710156
1.00E-04	0.0639099	0.0851565	1.00E-04	1.00E-04	1.00E-04	0.1093802
1.00E-04	1.00E-04	0.01328708	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08413435	0.06596079	0.06519626	1.00E-04	1.00E-04	0.14814616	1.00E-04
0.44677133	0.24617157	0.32435091	1.00E-04	1.00E-04	0.17640364	0.07037134
0.12156145	0.10756265	0.14533782	1.00E-04	0.10597666	0.02264821	0.25906987
0.69879182	0.13537953	0.03351988	1.00E-04	0.30905531	0.19710338	1.00E-04
1.12733222	1.45186235	0.8917946	0.34840709	0.25634366	0.13672106	0.22427182
0.01875026	0.00497021	0.00839649	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59439757	0.16880236	0.22111559	1.00E-04	0.13275752	0.08691965	0.1272968
0.14092221	0.29254074	0.26439169	0.7545613	0.60296047	0.72741018	0.22263912
1.02968762	0.99767978	1.11650943	1.09822714	1.11302431	0.91788878	0.98872475
0.84173855	0.99019443	1.03423698	1.00E-04	0.48162655	0.40692992	0.88207988

1.00E-04	1.00E-04	0.04020125	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06516624	0.04267785	0.0409575	1.00E-04	1.00E-04	0.067829	1.00E-04
1.00E-04	0.00478181	0.00773164	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25487977	0.48756327	0.66692055	0.58116988	0.91711189	1.49961232	1.80079825
0.19392677	0.13871754	0.39595257	0.55385073	0.57956012	1.05852096	1.3577394
0.16915478	0.19669039	0.20305433	1.00E-04	0.14416836	0.30000852	0.57796102
1.00E-04	1.00E-04	0.02224751	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35960663	0.26030981	0.24454022	1.00E-04	0.304338	0.5660525	0.84427204
3.98336837	4.08627834	4.04773858	3.85872018	3.28033344	3.75787214	3.62095087
1.00E-04	0.08016649	0.06311835	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03781756	0.01520104	0.00749607	1.00E-04	1.00E-04	0.20931231	0.12311665
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11695752
0.03221189	0.06110395	0.11408607	0.83968267	1.11916049	0.58656346	0.98574324
1.00E-04	0.06522307	0.06015409	0.15115191	0.17725699	1.00E-04	1.00E-04
1.51563582	1.07943738	1.12296172	0.20012769	1.00E-04	0.05476899	0.20387175
0.19128903	0.10682028	0.11204595	0.66321961	1.18032002	0.95150482	1.32917458
0.17366712	0.22683009	0.35868883	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1651716	0.11233874	0.23524934	1.00E-04	1.00E-04	1.00E-04	0.13587848
0.15192317	0.04754405	0.05949644	0.66144995	0.28022994	0.13521283	0.14480552
0.47253345	0.18853904	0.11747692	0.09411486	0.50606817	0.15090148	0.22185347
0.11745413	0.08246637	0.21812164	1.00E-04	1.00E-04	0.17645692	1.00E-04
0.03049727	0.01719502	0.03477981	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15132354	0.03909581	0.06791217	1.00E-04	1.00E-04	0.04239803	0.26190843
0.74712573	0.73168624	0.76656104	0.12325703	0.27080717	0.35611878	0.0912525
1.00E-04	0.02671686	0.00477561	1.00E-04	1.00E-04	0.09442282	1.00E-04
0.80793314	0.93893387	0.85090462	0.41358535	0.474454	0.72902778	0.86560789
1.61059583	1.9219139	1.79980406	1.10639685	1.19484058	1.38050082	1.05150346
1.00E-04	0.02588688	0.05436061	1.00E-04	1.00E-04	0.03105445	0.19446865
1.15446865	0.94092891	0.53941971	1.22467654	1.01833882	1.15083424	0.77740565
0.10293615	0.00948437	0.07005879	1.00E-04	0.30287542	0.43540651	0.19048868
1.00E-04	0.00431025	0.01356676	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01263481	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5272382	0.26148137	0.27280135	0.40886384	0.13251786	0.31966187	0.44306936
1.00E-04	0.0088583	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10216405	1.50390784	1.38467249	0.76307707	1.35248096	2.10858013	1.88119975
1.00E-04	0.03008485	0.01569155	1.00E-04	1.00E-04	1.00E-04	0.2723426
0.32515934	0.27142601	0.29404783	1.00E-04	0.11514082	0.12055166	0.14978831
0.05711118	1.00E-04	0.04549563	1.00E-04	0.12712636	0.07277673	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02133876	0.10506095	0.06435288	1.00E-04	1.00E-04	1.00E-04	0.14564287
0.05522351	0.00927045	1.00E-04	1.00E-04	1.00E-04	0.12827141	1.00E-04

1.04303135	0.74735575	0.37224284	1.00E-04	0.16926743	0.08813878	0.33150145
0.08392556	0.05992703	0.01885657	1.00E-04	0.16307877	1.00E-04	1.00E-04
3.80449799	3.42773354	3.60967009	2.54061248	3.18564938	3.88070038	3.98807026
0.21264533	0.3783692	0.32203757	1.00E-04	0.10776116	0.04297866	1.00E-04
2.61806788	2.39169849	2.65610741	2.10655319	2.7803273	3.4978617	3.47261554
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15854466	1.75172901	1.71427149	1.76840075	1.34748896	1.43073735	2.10259606
2.07905161	2.30547038	1.76744118	1.13255606	1.03597976	0.97530737	1.12595755
2.3064991	2.05773355	1.55844698	1.48364899	1.06554018	1.23253963	1.22797331
1.1341825	0.49903037	0.6313373	0.14755547	0.16872676	0.11097248	0.2427807
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02505094	0.00609326	0.00365557	1.00E-04	1.00E-04	0.30183098	1.00E-04
0.39697042	0.24904754	0.21140722	1.05152896	1.33778277	0.88391675	1.27625939
0.58958432	0.29831741	0.29255372	1.00E-04	0.12563583	0.09235722	1.00E-04
0.65696991	0.49133278	0.49385581	0.1976378	0.44039357	1.00E-04	0.53793578
0.4143914	0.32890083	0.35286239	1.00E-04	1.00E-04	1.00E-04	0.23730971
0.89045735	0.56154493	0.48828948	0.74640985	0.68411639	0.86976268	0.75519489
0.07878847	0.16949883	0.19279046	1.00E-04	1.00E-04	1.00E-04	0.33599652
1.00E-04	0.00513193	0.00918276	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00563745	0.0092997	0.2125651	1.00E-04	1.00E-04	0.26708464
0.47125928	0.29293119	0.20720551	0.97717306	0.76369412	0.76290959	0.5831348
0.01979135	1.00E-04	0.00470184	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56780907	0.30602376	0.30547199	1.01501488	0.38227604	0.65841554	0.42974144
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00777763	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23596932	0.01964196	0.00864663	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23802662	0.05209107	0.03870601	1.00E-04	0.14626157	1.00E-04	1.00E-04
0.06212158	0.00672214	0.05951545	1.00E-04	0.11177859	0.08275416	0.08123592
1.00E-04	0.01689901	0.03050128	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.04322442	1.63724457	1.83269144	1.36771037	2.17516392	2.57500664	2.63887345
2.84414354	2.20040668	2.08832949	3.18908127	3.49503897	3.22851893	3.2010472
0.09143711	0.04375891	0.01613393	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20078172	0.22327871	0.30521513	0.11787978	0.76977906	0.58169802	0.61219523
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00510659	0.0264714	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19855287	0.31943161	0.2516989	0.2955065	1.00E-04	0.21650358	0.12705439
0.02166553	0.03646335	0.06398344	1.00E-04	1.00E-04	1.00E-04	0.2270653
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10018871
1.00E-04	1.00E-04	0.00542346	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15238197	0.29916774	0.32367646	0.19479305	1.00E-04	0.31749556	0.2982182

1.86225956	1.34517687	1.35836172	1.95727998	1.72217816	1.91824275	1.90685724
0.12679651	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03597533	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17428091	1.95817696	1.54248165	1.10508348	1.26852947	1.50579065	1.64950914
0.31158942	0.43149414	0.20622445	1.00E-04	1.00E-04	0.2232992	1.00E-04
0.57670639	0.39300478	0.35138115	0.73850952	0.62012017	0.67973337	0.42564989
1.00E-04	1.00E-04	0.00736221	1.00E-04	0.1874256	0.03682718	0.24721509
1.00E-04	0.00725319	0.01009023	1.00E-04	0.0861728	1.00E-04	1.00E-04
0.05438252	0.02462232	0.05806317	0.11575559	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09445228	0.03817086	0.07617899	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11014906	0.04301601	0.03871181	1.00E-04	1.00E-04	0.07277673	1.00E-04
1.00E-04	0.0081924	0.00775084	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12209219	1.00E-04
0.13949153	0.06817747	0.1064697	1.00E-04	1.00E-04	0.16181476	0.15678279
0.01829292	0.05286458	0.04504552	1.00E-04	1.00E-04	1.00E-04	0.29535209
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13286814	0.13809991	0.23281663	1.00E-04	1.00E-04	0.05030278	1.00E-04
1.37631092	0.78198618	0.61033401	1.88591702	2.06243542	2.10103539	1.72940471
1.6571172	1.70136435	1.09173795	1.31549075	1.20672868	1.76552522	1.90276885
1.00E-04	0.01442225	0.05381653	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2254449	0.05931859	0.10907984	0.58132869	0.15223902	0.02999613	1.00E-04
0.03462795	0.00493838	0.10169111	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26126241	0.11349495	0.11195605	0.62770735	0.5986003	0.38839674	0.12982676
1.00E-04	0.00533713	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02556095	0.04374765	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06955809	0.01740028	0.02234974	1.00E-04	0.14838934	0.06168777	1.00E-04
1.87471813	1.49913677	1.65881033	1.61865857	2.2610792	1.87607263	2.16542324
0.24145425	0.06859847	0.20003871	0.67666137	0.45503252	0.33336883	0.41345641
0.44203011	0.17149309	0.27279761	1.00E-04	0.5177475	0.37702949	0.30334034
3.40632368	1.97566523	2.0406412	0.50055937	1.13059986	1.25457459	1.45502951
0.07952701	0.05887341	0.02634286	1.00E-04	1.00E-04	0.04475279	0.35716163
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00475361	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14528699	0.08250156	0.16457749	1.00E-04	0.34362784	1.00E-04	1.00E-04
0.40221207	0.43255958	0.433313	0.25963506	0.54144665	0.74338025	0.47746838
0.15758786	0.03883961	0.06927314	1.00E-04	0.3260254	0.10874144	0.20478741
1.00E-04	0.04706292	0.01697839	1.00E-04	1.00E-04	1.00E-04	0.09979212
0.05021444	0.03283965	0.00829853	1.00E-04	0.09875254	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00285874	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04198387	0.12430593	0.12937263	0.23990694	1.00E-04	0.02687659	1.00E-04
1.00E-04	0.00799763	0.02104534	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.02704895	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5123558	1.00E-04	0.06780096	1.00E-04	1.00E-04	1.00E-04	0.6111831
0.58957706	0.25146216	0.15786343	1.00E-04	0.16489991	0.27011632	0.01787061
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16805839	0.17340963	0.12320699	1.00E-04	1.00E-04	0.06710368	0.06283293
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01306938	1.00E-04	1.00E-04	1.00E-04	0.11482604
1.00E-04	0.01987861	0.03094245	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02164926	0.00625862	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01200966	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02368502	0.16373565	1.00E-04	1.00E-04	1.00E-04
0.09227729	0.01508426	0.07957131	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00660684	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01727873	1.00E-04	0.07067017	1.00E-04	1.00E-04
0.04600649	0.01539768	0.05668348	0.26970242	0.49875534	1.00E-04	1.00E-04
0.57192456	0.26001992	0.35392879	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02021996	0.00461711	0.01353852	1.00E-04	0.09626966	1.00E-04	1.00E-04
0.06352332	0.00898721	0.01146662	1.00E-04	1.00E-04	0.1239985	0.01787061
0.03577211	0.05021693	0.02063975	1.00E-04	1.00E-04	0.03478118	1.00E-04
1.00E-04	0.03625114	0.07010347	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0296085	0.02378363	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02174315	0.06163222	0.00410995	1.00E-04	0.1246131	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00537042	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0643298	0.01892137	0.03118059	0.36325997	0.16926743	0.06524456	1.00E-04
0.53655696	0.45638121	0.44174615	1.00E-04	1.00E-04	0.02434729	1.00E-04
1.00E-04	1.00E-04	0.00807166	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01250254	0.01968889	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31011051	0.1523047	0.15140509	1.00E-04	0.08167676	0.3796015	1.00E-04
0.77613162	1.59255449	0.76619184	0.33191949	0.0996938	0.76810541	0.25053232
1.00E-04	0.02650839	0.0126367	1.00E-04	0.1866083	0.16529719	0.21302566
1.00E-04	0.01912685	0.03803081	0.43021672	0.36725527	0.20440612	0.38665967
1.00E-04	0.00582474	0.04144224	1.00E-04	1.00E-04	0.09030908	0.18316915
1.00E-04	0.01036747	0.02890694	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00987129	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02117905	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0258122	0.01326443	0.02807663	1.00E-04	1.00E-04	0.16129056	1.00E-04
0.01653006	0.01414387	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18633451	2.85886823	2.66085442	1.32650287	1.33759566	1.79225929	1.76704838

0.02849444	0.00301157	0.00898033	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10901668	0.09979278	0.17271668	1.00E-04	1.00E-04	0.07556756	1.00E-04
1.00E-04	0.01061407	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5700808	0.24834675	0.45205371	0.1972111	0.28515779	0.42485305	0.59926016
2.83204476	3.2726636	3.41302419	1.00E-04	0.6092076	1.48288374	1.43624472
1.64062436	1.23426758	1.33797935	2.22386468	1.79035988	1.32075065	1.57435989
0.14611202	0.03910771	0.10953843	0.67299371	0.05846802	0.06878777	0.22236506
1.00E-04	0.00551743	0.01225942	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31021444	0.36884732	0.50225581	0.27357156	0.19819111	0.1624647	0.24273763
0.05542753	0.00575453	0.01027712	1.00E-04	0.36054609	1.00E-04	1.00E-04
0.63637525	1.14103144	0.97680624	0.24855218	0.32831172	0.67331301	0.49819102
0.54710221	0.43567869	0.22733597	0.21771624	0.42516679	0.23394307	0.06298985
0.36161354	0.70287501	0.65420896	1.00E-04	1.00E-04	0.28582415	0.18191562
0.46793613	0.93391305	0.70665606	0.99756924	0.31392039	0.68190047	0.85352596
1.00E-04	0.0207348	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38267252	0.12862476	0.15724316	1.00E-04	0.20883586	0.10180283	1.00E-04
3.00245799	2.62290637	2.91072177	3.57340107	3.93059567	3.83371008	3.93431689
0.09097489	0.0118829	1.00E-04	0.35837631	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03143736	0.02738594	1.00E-04	1.00E-04	0.08362496	1.00E-04
0.05837843	0.09233557	0.09829015	1.00E-04	0.12892364	1.00E-04	0.48693705
0.59900438	0.76534713	0.64982146	1.00E-04	0.47333459	0.2564705	0.42748554
0.05313232	0.03971073	0.03978833	1.00E-04	1.00E-04	0.15047727	1.00E-04
0.27658337	0.26556753	0.24332379	0.68797746	0.54830236	0.77094917	0.58713787
1.00E-04	0.00867626	0.05851724	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02229385	0.00920241	0.01840854	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12329861	1.51391697	1.23190497	0.49205995	0.40998791	0.6834626	0.91977858
0.12353263	0.17011847	0.20719596	0.34806128	0.13810562	0.062717	1.00E-04
0.44725406	0.59827063	0.63190013	0.3023828	0.37729877	0.58355718	0.15447782
2.33978532	2.73961401	2.87205272	2.56953664	2.54845395	2.80780044	2.98575664
0.02079332	0.09734698	0.09744017	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07061011	0.07619947	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.29226727	1.09638327	1.59732588	0.22198839	0.69968899	1.11669914	1.0999981
2.71301537	3.5136613	3.43268499	0.78307951	1.56398935	2.19496556	2.39054366
0.48472409	0.61793721	0.5220895	0.22600224	0.79998284	0.05293783	0.26970525
0.46468619	0.48664417	0.32824513	1.00E-04	0.74002514	0.48892414	0.42588165
1.57477045	2.42596828	2.2727391	0.54343349	0.36761105	1.66180409	1.47954902
0.143089	0.08685671	0.11697736	0.26011588	1.00E-04	0.22697558	0.26301082
0.45786387	0.29773794	0.37375705	1.56529292	1.46406405	1.44246874	1.76029413
2.40676476	2.12569385	2.33677734	2.75693012	2.50246797	2.73337545	3.08022102
2.36777464	1.47993293	1.30301613	0.65747061	1.2900979	0.72318991	1.04350221
0.0738406	0.04725864	0.07291939	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38499678	0.60605227	0.73517155	1.00E-04	1.00E-04	0.50237907	0.87656206
2.30958022	2.1531945	2.35114256	1.96069737	2.08436619	1.89857519	2.22915376

0.05653391	0.15865867	0.14171929	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00638732	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87760548	2.482292	2.34073097	0.13940097	1.18939449	1.55604551	1.43231896
0.16950009	0.1155063	0.0973622	0.15608518	0.61378337	0.28470139	0.26742563
0.13610501	0.07059933	0.09121328	1.00E-04	1.00E-04	0.03841681	1.00E-04
0.05218289	0.06577206	0.10944004	0.26656627	1.00E-04	1.00E-04	0.22776051
1.47193634	1.46666855	1.55505232	1.23290075	1.48114015	1.4594823	1.79999111
0.14287068	0.15110955	0.15253846	1.00E-04	0.15127131	1.00E-04	1.00E-04
2.7187638	2.53330426	2.69705074	3.16932034	3.43602576	3.45816687	3.69483728
0.18163337	0.26005948	0.23918906	1.00E-04	1.00E-04	0.20059475	1.00E-04
4.5486774	5.54259174	5.64189376	2.27778031	3.26313308	4.51322384	4.929179
2.18117837	2.15332136	2.39398772	2.72397837	2.99763976	2.94496178	3.11412534
1.90932201	2.69763254	2.5554243	0.3274351	0.51530232	1.70305292	1.80226429
1.1894136	1.450781	1.32434154	1.09398494	0.8940424	1.20172423	0.85929815
0.02373476	0.04564567	0.01345688	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.23658883	2.870378	3.06965567	3.36063059	3.70840897	3.70570817	3.7536532
1.00E-04	1.00E-04	0.00589707	1.00E-04	1.00E-04	1.00E-04	0.22228741
0.37511	0.12177161	0.33946619	1.71824049	1.97534984	1.80878925	1.76392784
1.00E-04	1.00E-04	0.01999693	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15346153	2.84312697	2.9048291	0.44908401	0.89168875	1.15109475	1.38944352
0.08982447	0.07639876	0.14258042	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12025411	0.06861848	0.07482604	1.00E-04	1.00E-04	0.08005871	1.00E-04
0.03871145	0.09911804	0.08416128	1.00E-04	1.00E-04	1.00E-04	0.0819335
0.09743528	0.01292927	0.04946888	1.00E-04	0.16202982	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77139621	0.79778814	1.10741174	0.58105371	1.18827135	1.88183433	1.71189293
1.57949417	2.10015034	2.03504494	0.55074662	0.42535675	1.11805425	1.05364782
1.00E-04	1.00E-04	0.00758344	1.00E-04	0.94638428	1.02813796	1.47064776
3.0234642	2.99984351	2.97405165	1.49470353	1.39170101	1.91304579	2.08630601
1.00E-04	0.00680133	0.0146905	1.00E-04	1.00E-04	0.16237973	1.00E-04
0.18337897	0.08271221	0.09613535	1.00E-04	0.40948421	0.33567679	0.52961
0.01828857	0.09513428	0.1388388	1.00E-04	1.00E-04	1.00E-04	0.10887399
0.5756343	0.60674663	0.60297885	0.50496719	0.76308566	0.74527153	0.51833596
4.47014913	4.02909101	3.98304309	5.13427732	5.4431529	5.12956106	5.28710339
1.6575397	2.49564134	2.29703574	0.35480243	0.54402592	1.43200732	1.34275804
1.56874752	2.49921103	2.51079115	0.26000545	0.34112913	1.08444144	1.75629572
0.24358527	0.16063024	0.09271541	1.00E-04	0.47956508	0.49521453	0.63802693
0.83751378	1.50886677	1.4674239	0.60180732	0.79014927	1.05734718	1.0018911
0.43013917	0.24037445	0.14668317	0.44792874	0.1078696	1.00E-04	0.06960832
0.1927491	0.11820374	0.10417172	0.18185396	0.59648576	0.69110662	0.72876721
0.83245272	1.22558754	1.16910681	0.1783061	1.00E-04	0.69257062	0.77571719
0.56297999	0.53909518	0.95470469	0.25813686	0.31218034	0.24377059	0.2753682
0.62822975	0.34175015	0.31520301	0.60487619	1.02288129	1.07794668	1.33642742

0.0193838	0.08071226	0.09725998	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00419844	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74614192	0.60180365	0.67815705	0.94803255	1.82539636	1.39175253	1.57405766
0.60412051	0.75471381	0.60924486	1.00E-04	1.00E-04	0.36122274	0.26291139
0.09392109	0.08775654	0.13421567	0.50638229	0.53344464	0.1557727	0.20520959
0.20174205	0.2098335	0.20732185	0.20461124	1.00E-04	0.10347997	0.35724396
0.30009302	0.10304717	0.1488641	0.43314375	0.14813278	0.24788183	0.26721516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02474631	0.0269263	1.00E-04	1.00E-04	0.12079231	1.00E-04
5.95846075	6.42068274	6.39539788	4.60832677	4.79674908	5.26332784	5.23408474
0.51652322	0.68800553	0.47021091	0.22650484	1.00E-04	0.24186006	0.4330694
1.00E-04	0.00895221	0.04774774	1.00E-04	1.00E-04	0.1376681	0.12481951
3.95860518	4.71948727	4.30944188	2.98928413	3.85742775	4.24698336	3.86916073
1.00E-04	0.05523961	0.01599737	0.35324595	1.00E-04	1.00E-04	0.09404855
0.17938694	0.15952787	0.08400561	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08236234	0.02667085	0.05232694	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.538095	2.40992557	2.24412093	0.69390956	0.89575823	1.45273433	1.49133094
3.52404784	3.74138164	3.73885541	0.31498077	1.47227675	2.45324277	2.29161815
0.08931134	0.13991428	0.09417697	1.00E-04	1.00E-04	0.13763125	1.00E-04
0.07055071	0.01880571	0.03145099	1.00E-04	0.07057716	1.00E-04	1.00E-04
1.51491484	2.07918231	2.04050938	0.16249899	0.73013452	1.19941037	1.16065794
1.00E-04	0.02830566	0.00983677	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29921254	0.07280372	0.13674136	1.7132882	1.92722679	1.17315731	1.6002637
0.44044353	0.31011892	0.27511796	0.37544878	0.36008052	0.3135022	0.17649041
0.31079987	0.33390051	0.43878103	0.77734068	1.03837463	1.62582978	1.8939416
3.72973294	3.23504433	3.42043605	4.1717099	4.4656041	4.33957626	4.53906547
5.21032676	4.19657372	3.99520593	3.20099315	3.6794722	3.25150369	3.35032367
0.43723324	0.80905259	0.77962878	1.00E-04	0.36711322	0.35808924	0.5395196
4.1572636	4.33533631	4.11267147	2.78884155	3.24002282	3.33146961	3.30515846
0.05785335	0.07822302	0.04057161	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65792196	0.60331815	0.49548812	1.00E-04	1.00E-04	0.06241431	0.3162837
0.22035005	0.0967175	0.1539656	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11724286	0.02759565	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12003578	0.03499024	0.03383168	1.00E-04	1.00E-04	1.00E-04	0.11201913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02326444	0.01112147	1.00E-04	1.00E-04	0.06082244	1.00E-04
0.17828203	0.07865713	0.10209605	1.00E-04	1.00E-04	0.38594883	1.00E-04
3.79774111	2.91648797	2.78445387	2.42706154	2.91602229	2.74488736	2.71319052
0.72067113	0.82347112	0.92061139	0.15279315	0.75072093	0.86618912	0.59778918
0.9932196	1.2870683	0.93026548	0.3973621	0.42131558	1.05869799	0.44519293
0.25229886	0.1080684	0.10951504	1.00E-04	1.00E-04	0.30493774	0.32868732
0.28644828	0.60840146	0.54157397	1.00E-04	0.35847661	1.00E-04	0.20960731
2.4709241	2.41807649	2.48784007	2.59758687	2.94095187	2.89824167	3.15724982

0.14280234	0.12340831	0.14076346	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06323117	0.05287608	1.00E-04	1.00E-04	0.07995132	1.00E-04
0.0132028	0.02713536	0.00658087	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01358104	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02323615	0.01989655	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62624464	0.9033008	0.86314622	0.51916727	0.21575738	0.90463828	0.36908572
0.71882178	0.55605111	0.73964881	0.26509258	0.66679576	0.84186317	1.12784278
5.13056485	4.83628816	5.05373536	4.96554079	5.34749576	5.36732192	5.34737791
3.76972848	4.3283917	4.36758538	2.7117494	2.81469508	3.3102042	3.55298463
0.25883129	0.21233827	0.21849694	0.24253877	0.50063569	0.69047424	0.63879023
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14094946	0.10121148	0.26708412	0.13109158	0.21322093	0.49575158	0.45719707
1.00E-04	0.0722715	0.0408418	1.00E-04	0.10868993	0.03453943	0.12536066
1.47857458	2.15136053	1.95673619	0.35958687	1.33958171	1.39622621	1.36592067
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02867514	0.0382795	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73554207	1.4703145	1.71295335	1.86335002	2.33629326	2.6336608	2.70460625
3.97496475	3.66627156	3.91913308	4.50343152	4.73012774	4.69550126	4.8014202
1.34458337	1.67363571	1.72742394	1.00E-04	0.36789756	0.78816414	0.44406242
1.00E-04	0.1028594	0.05860113	1.00E-04	1.00E-04	1.00E-04	0.04399825
0.07392331	0.08269432	0.1150165	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0986942	0.32499963	0.21343358	1.00E-04	1.00E-04	0.16304523	1.00E-04
1.00E-04	0.00496882	0.00816819	1.00E-04	1.00E-04	1.00E-04	0.06374028
1.00E-04	0.05694936	0.07981829	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25807917	0.31662834	0.31159886	1.00E-04	1.00E-04	0.11188739	0.15087802
1.74945364	1.43826823	1.44647216	1.39326617	2.05561042	2.21446465	1.93468687
3.88639883	3.59391864	3.43717598	3.26157431	3.67971471	3.51446807	3.65417596
0.20596104	0.12562965	0.13333271	0.4873816	0.33644169	0.69302824	0.13509776
0.28657544	0.4989556	0.43896524	1.00E-04	0.80276584	0.44962092	0.3563224
1.00E-04	1.00E-04	0.01669598	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24281627	1.74809823	1.52552393	1.00E-04	0.09006319	0.59196421	0.93421463
2.1823623	1.85765099	2.25416395	1.00E-04	0.12615352	0.46440913	0.30864876
1.00E-04	0.0127892	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.40555286	6.64867924	6.39159303	5.60165455	5.73229463	5.68286124	5.65838191
0.10993876	0.20673107	0.12627042	1.00E-04	1.00E-04	0.06241431	1.00E-04
0.11658156	0.17646956	0.37616142	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69811913	0.86494627	0.56240692	0.72889547	0.49305803	0.91393761	0.61971916
0.0591628	0.07355519	0.1083977	1.00E-04	0.10392189	1.00E-04	0.08519605
0.39370364	0.24940532	0.29486284	1.00E-04	1.00E-04	1.00E-04	0.05318118
1.00E-04	1.00E-04	0.0071621	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02701019	0.02107204	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36544546	0.33172865	0.38408428	0.23992182	0.23302544	0.56459575	0.55412199
0.84891137	1.75904455	1.76744072	1.00E-04	0.2089379	0.7519048	0.30683253

0.02031167	0.0245719	1.00E-04	1.00E-04	1.00E-04	0.03645012	1.00E-04
0.47199408	0.56998741	0.56724363	0.34127313	0.5278554	0.34639259	0.99381322
5.11138011	5.30401851	5.13059446	2.45957397	3.07026806	3.58304773	3.29298974
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12854098	0.03978582	0.10950438	1.00E-04	0.03219824	0.32809962	0.41090124
1.00E-04	0.00983231	0.01195225	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03474796	0.00558218	0.05145769	1.00E-04	0.30359256	1.00E-04	0.11230434
0.08457889	0.08151225	0.055033	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59414087	0.68208226	0.69114621	1.00E-04	0.18693297	0.14108509	0.4835848
0.95248372	0.7277894	0.47797872	0.16875998	0.69097113	0.20365768	0.18056094
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31550534	0.34480668	0.48083223	1.00E-04	1.00E-04	0.29495767	0.40153401
0.76144008	0.80403887	0.50630818	0.7399396	0.80891094	1.45826031	0.91082487
1.00E-04	0.04237909	0.03197046	1.00E-04	1.00E-04	0.04173771	1.00E-04
1.07668632	2.04919544	1.75678248	0.12356905	0.70650161	1.47764451	0.96519603
1.00E-04	0.01629079	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10526902
0.14546238	0.03344008	0.09442031	1.00E-04	1.00E-04	1.00E-04	0.13458225
0.49026164	1.13652226	1.09357772	0.14997471	0.29564129	0.15330837	0.4959204
1.88796264	1.46015406	1.31457722	1.00495137	1.39922222	0.72326747	1.33663707
0.45611711	0.42157359	0.36650727	1.00E-04	1.00E-04	0.3283856	0.19880014
0.39364707	0.45048602	0.56900649	0.3232712	1.00E-04	0.2255315	0.45462453
0.03032283	0.03476636	0.06023666	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71076319	0.88193943	0.85821906	0.44368461	0.33822171	0.50181211	0.43667531
0.46659574	0.25259959	0.29159616	0.5946561	1.00583377	1.07237107	1.17493176
4.71937931	4.64921928	4.49774509	4.13590511	4.54854237	4.58820993	4.4848202
0.25002304	0.3435619	0.22701147	0.6795062	0.19065805	0.12048619	0.5122355
1.25154236	1.63701656	1.34300996	0.32580399	0.69400331	1.26339324	1.34694779
0.03583604	0.02861127	0.0209772	1.00E-04	0.61498065	0.24433249	0.36190282
0.0368406	0.10249543	0.06563561	1.00E-04	1.00E-04	0.15623125	0.22398588
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05461064	1.00E-04
1.38282976	1.2912067	1.35829	0.33974869	0.59216458	0.79144514	1.0540296
0.04831019	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05531993	0.07135136	0.02222584	1.00E-04	1.00E-04	1.00E-04	0.05875561
1.00E-04	1.00E-04	0.08849113	1.00E-04	1.00E-04	0.12816956	1.00E-04
1.00E-04	0.02743686	0.04503528	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.43408662	3.74027832	3.54288538	3.38896259	3.32972679	3.82463527	3.78986687
1.04076928	1.81222105	1.56773387	0.52690363	0.45452843	0.83258727	0.93133396
2.90169421	3.02740876	2.99790351	2.63460796	3.06261167	2.94977957	3.03646395
0.03477941	0.07945959	0.01721495	1.00E-04	1.00E-04	0.05272716	0.12171879
1.00E-04	0.0086702	0.0160568	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13954141	1.0530585	0.95713202	0.49484682	0.21097388	0.30113808	0.4271652
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18271204	0.06008526
2.2771659	2.02257761	2.15459096	2.25938666	2.6268283	2.48724523	2.70856808

1.00E-04	1.00E-04	0.00941514	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13504894	0.40506759	0.40181942	1.00E-04	0.10475974	1.00E-04	1.00E-04
1.00E-04	0.01589827	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03650789	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15284029
0.90759352	1.42854654	1.37052415	0.31316813	0.04136944	0.46254254	0.65357447
0.15852224	0.17965848	0.09861447	0.07852155	0.72951523	0.72940862	0.64984607
1.77583616	2.27686532	2.27444881	0.15555423	0.18791944	0.88418727	0.9910237
0.12616378	0.07852595	0.16636052	0.08913395	1.00E-04	0.12202966	1.00E-04
0.06264874	0.09249584	0.05035052	1.00E-04	1.00E-04	0.17644277	1.00E-04
0.16643182	0.26865755	0.19266234	1.00E-04	0.16579376	0.12281197	0.0784558
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51378409	0.21446928	0.35649996	0.12761821	0.20731722	0.40964899	0.37831605
0.02887259	0.01582315	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07241865	0.14642141	0.13883906	1.00E-04	0.15127131	1.00E-04	0.22643716
1.00E-04	1.00E-04	0.02633574	1.00E-04	1.00E-04	0.02955753	1.00E-04
1.78990967	1.72701097	2.01185181	2.06044606	2.54566491	2.40079241	2.83046011
1.00E-04	0.05250455	0.00612491	1.00E-04	0.25864587	1.00E-04	0.12222482
0.21909514	0.2054899	0.12999693	1.00E-04	1.00E-04	0.04431212	1.00E-04
0.03591344	0.04939554	0.04697754	1.00E-04	1.00E-04	1.00E-04	0.31275002
1.00E-04	0.05317621	0.02728105	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91428129	0.44784863	0.49288585	0.97052533	2.00406044	1.74164199	1.71739274
0.24774577	0.2537537	0.24793777	1.00E-04	1.00E-04	0.2395677	1.00E-04
1.00E-04	0.07593406	0.04262793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.69238168	1.68292849	1.85122588	1.77754667	1.75752	1.74779139	2.13528527
1.00E-04	0.02340607	0.01570949	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10009693	1.77569134	1.56404464	1.46957859	1.79623019	2.09095924	1.7083062
1.00E-04	0.03352228	0.04649183	1.00E-04	1.00E-04	0.11092776	1.00E-04
1.00E-04	0.06734416	0.01477402	1.00E-04	1.00E-04	0.2069478	0.12633939
0.81954878	0.37539653	0.39716389	1.00E-04	0.15015778	0.03039751	0.40240714
2.51961183	2.90664551	2.54489944	0.50788723	1.40998698	1.90398166	1.45594864
1.00E-04	0.00903284	0.00596264	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01384272	0.01154522	0.01756839	1.00E-04	1.00E-04	0.22928584	0.18823186
0.03482142	0.09514793	0.10644079	1.00E-04	1.00E-04	0.10106896	1.00E-04
0.42173834	0.19285975	0.33067282	0.15282506	0.40481363	0.52562353	0.99117461
6.587821	7.04168732	6.97149758	3.51173629	3.91911791	5.06074412	4.60834448
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10216078
0.01817686	0.05924198	0.04472211	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82342365	1.87218763	1.58447107	2.06293647	1.72110557	2.28929925	1.8776741
0.62911896	0.60149556	0.8182684	1.34351574	1.14236234	0.90636378	0.97871664
2.13997777	2.61888783	2.50659196	0.41819667	0.78105813	1.26982118	1.19773093
0.79314741	0.87475558	0.87205509	1.00E-04	0.13383548	0.44437792	0.16612523
4.22464014	4.59912733	4.33944186	4.17084396	3.94180119	4.34952216	4.1293801
1.00E-04	0.04287515	0.04694525	1.00E-04	1.00E-04	0.04599557	1.00E-04

1.53651637	1.68724133	1.52692966	0.50901658	0.3244189	0.50687631	0.78586974
0.03131306	0.11086587	0.10897969	0.17594639	0.15278201	0.21440232	1.00E-04
0.14781604	0.12744398	0.17805584	1.00E-04	0.37105819	1.00E-04	0.10145595
0.27469052	0.08478793	0.1824362	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14786171	2.09469939	2.14614896	0.1022176	0.64615558	0.9768384	1.504953
0.41130611	0.86297074	0.70603892	1.00E-04	1.00E-04	1.00E-04	0.20068745
0.48496827	0.185049	0.27771795	1.00E-04	1.00E-04	0.24775172	1.00E-04
0.09324715	0.06104762	0.11930395	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.95473214	5.48733452	5.38893187	2.31052342	2.78929282	3.82464012	3.96902265
0.0634628	0.09408311	0.09241857	1.00E-04	1.00E-04	0.03267076	1.00E-04
4.30274303	4.49680343	4.53142954	1.99446759	2.74607483	3.22974588	3.35944655
0.03201735	0.03751817	0.02457343	1.00E-04	1.00E-04	0.0415849	1.00E-04
0.22028523	0.2091667	0.0717401	1.00E-04	0.26126401	0.4714799	0.04847967
3.6242689	4.60576615	4.51166683	2.55743646	2.6462233	3.60069475	3.72756861
0.04874338	0.02587477	0.03470437	1.00E-04	1.00E-04	1.00E-04	0.1822001
0.97555933	1.36942973	1.29566473	1.00E-04	0.2039557	0.69371766	0.76324376
0.71501526	1.14757782	1.04295498	0.36836142	1.00E-04	0.29577279	0.1797825
2.69453839	2.31801393	2.51299953	2.79947079	3.05083767	2.97029922	3.20530261
1.00E-04	1.00E-04	0.00801137	1.00E-04	1.00E-04	0.18094895	0.34690351
0.02784588	0.07073285	0.10171124	1.00E-04	1.00E-04	0.04538293	0.12407322
2.20943813	1.7198038	2.00353678	3.17259313	3.25204966	3.22450799	3.36297344
0.36567576	0.73751807	0.57752616	0.16502854	0.09999602	0.3613447	0.37732901
0.01935208	0.12603932	0.06971456	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02099492	0.03968519	0.01369761	1.00E-04	1.00E-04	0.11268098	1.00E-04
0.08840554	0.07995875	0.10937807	0.47664239	0.46394481	0.67964686	0.20908671
0.65599894	0.36119644	0.50405517	0.35745505	0.1686009	0.10349125	0.08988161
0.73808514	0.72520012	0.99137973	0.439519	0.69445944	0.58347589	1.20500813
0.0266689	0.11473042	0.05013189	1.00E-04	0.2099638	1.00E-04	0.15100727
0.51309681	0.57763137	0.737326	1.00E-04	0.38873467	0.80914816	0.89772515
0.25277938	0.40024237	0.33149234	0.42432425	0.34700099	0.48053149	0.46412719
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00473114	0.00507464	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00675985	0.02155497	1.00E-04	1.00E-04	0.04955032	0.11941173
0.43342517	0.18373237	0.35168407	0.12028074	0.22974094	0.59551989	0.40945783
0.08209604	0.0819255	0.0797657	1.00E-04	1.00E-04	0.10193344	1.00E-04
3.06397847	2.37097535	2.33259987	0.43463619	0.72208585	0.49826581	0.84527529
3.30759955	2.69468447	2.86442415	4.41220062	4.49079478	4.58067794	4.6489774
0.53687815	1.05144515	1.01103754	1.00E-04	0.35869772	0.53548265	0.53129128
0.01241261	0.03806475	0.02296496	1.00E-04	1.00E-04	0.12717577	1.00E-04
0.01711585	0.12545493	0.10519956	0.97175994	0.37735552	0.50488857	0.77540171
0.36234567	0.32218034	0.2389548	0.8279973	1.08055005	0.87723741	0.96058612
0.02744489	0.0057391	0.02799744	1.00E-04	1.00E-04	0.08932772	1.00E-04
1.00E-04	0.01291634	0.01091213	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.3984438	0.13267548	0.09183258	0.14492562	0.81203425	0.36632981	0.30456978
0.05195695	0.05615579	0.03309828	1.00E-04	0.07822136	0.11708072	0.11452787
0.26663285	0.37707386	0.41365808	0.30898605	1.00E-04	0.05067688	0.42384495
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08908767
0.49124342	0.46398478	0.32007454	0.46265842	0.22061534	0.54948205	0.48205435
5.63747423	6.61067573	6.47303443	2.95150426	3.74172327	5.18108581	5.12382696
1.00E-04	0.04095598	0.06242389	1.00E-04	1.00E-04	0.22715907	0.07646766
0.02545605	0.10784739	0.07832275	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0944178	0.51805879	0.75316081	1.72779014	1.58656909	1.73115068	1.49984004
0.02332782	1.00E-04	0.01032194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01321381	0.01836999	1.00E-04	1.00E-04	0.14471595	0.22399681
0.02894507	0.05238147	0.03722179	1.502057	1.363205	1.43942385	1.43345931
0.10444478	0.10497352	0.14420784	1.00E-04	0.09050028	0.27642892	0.57137231
0.13039536	0.17283937	0.09484715	0.24221667	0.19473651	0.14031992	0.09364931
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1367141	0.35295314	0.29551414	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08451977	1.43332386	1.33583192	0.78662717	0.92459563	1.23834257	1.61218249
1.00E-04	0.00706173	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14247705	1.0128994	1.03163201	1.36970763	1.71453204	1.22871758	1.15780849
0.66540469	0.435092	0.67916577	2.5606221	2.94607846	2.61732048	2.61024056
1.00E-04	0.01326932	0.02206696	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04214677	0.04710422	0.06548561	1.00E-04	1.00E-04	0.14941975	0.04015628
1.00E-04	0.03335353	0.06599729	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39959179	0.26586443	0.39895711	0.8721847	1.35695059	2.31304372	2.88833905
4.43361378	4.70317664	4.64109438	1.43059019	1.16815005	1.72881852	1.31977766
1.72661293	2.04188355	1.99879911	0.6006735	0.53463796	1.15390177	1.24073753
0.24281205	0.29695793	0.35037451	1.00E-04	1.00E-04	0.32993027	0.08875169
2.12451614	3.12863154	2.72375234	1.05481863	1.70637158	2.451123	2.27655159
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02085631	0.02709114	0.02473024	1.00E-04	1.00E-04	0.1622513	1.00E-04
0.06492288	0.25945895	0.13981374	1.00E-04	0.13673945	0.0824394	1.00E-04
1.00E-04	0.00874637	0.11919467	0.58330899	0.45724818	0.5599334	0.37935818
1.40114787	1.84270458	1.85834901	0.10480634	0.16566547	0.8366835	1.07166113
2.16798051	2.63789591	2.46329152	0.35666149	0.72844147	1.27309718	1.31988898
1.00E-04	0.00999368	0.01181422	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31326284	0.63390947	0.63950742	0.2517898	0.5177383	0.23061792	0.37059223
0.07377172	0.22782084	0.26096071	0.36311367	0.97706027	0.74310694	0.89943262
0.77226093	0.69590645	0.66507821	0.96143317	1.20242072	1.23153218	1.36471171
0.35476694	0.14777318	0.33546085	0.74255082	0.60956662	0.75605731	0.54368466

1.00E-04	0.03196178	0.03050433	1.00E-04	0.12896243	0.07773563	1.00E-04
0.17839434	0.01173157	0.0396269	1.00E-04	1.00E-04	0.26003992	0.33797496
1.02332728	1.03711311	0.95053459	1.33715078	1.31721211	2.09332658	1.63809988
0.11841469	0.35430617	0.33351953	1.00E-04	1.00E-04	0.23035636	1.00E-04
1.1427302	1.07720956	1.27360349	1.00E-04	0.08892414	0.32379731	0.2427847
0.4551188	0.63854815	0.74162665	0.12937726	1.00E-04	0.06127566	0.1882109
1.28786155	1.14872163	1.23175418	1.55522123	1.80806604	2.12970536	1.70855336
1.00E-04	0.0281622	0.01909741	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00514341	0.0359603	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1391236	0.09103706	0.06971998	0.8930788	1.00E-04	0.04441114	1.00E-04
1.00E-04	0.02775116	0.046866	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47986601	1.23896274	1.28809924	1.47891811	1.73862161	1.43965992	1.54466358
1.68439234	1.61923103	1.60661911	1.39563765	1.39101944	2.31809756	1.81868203
0.01950594	0.00722869	0.01901743	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02100342	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.27748585	4.81072156	4.9041478	5.58229255	5.8791545	5.78601988	5.78676712
0.28895627	0.51429352	0.47650449	1.00E-04	0.21037699	0.24619563	0.35614586
0.47054184	1.04263334	0.96965207	0.15115191	0.48633793	0.54503755	0.60561966
1.00E-04	0.09970607	0.07739874	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.86798354	1.87447628	1.93286746	1.62588655	1.88558886	2.01275735	2.24369566
1.14005351	1.37092599	1.36058922	0.98591925	0.69453176	1.02549553	1.01246725
0.76873885	0.94611219	0.85826934	0.92437479	0.4767928	1.34987422	1.23132549
0.2952061	0.71204763	0.60100604	0.13375011	1.00E-04	0.26066087	0.20448943
2.1105084	2.00614982	1.99436035	2.1410252	2.38341926	2.26755957	2.56029396
3.32153825	2.88178564	2.06606686	0.07490941	0.14921632	0.41669992	0.31633488
0.09842813	0.11880951	0.11942543	0.08764124	0.2039557	0.29868438	0.39813734
1.00E-04	0.00432166	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11371984	0.05659807	0.03700277	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292458	0.35994436	0.32649147	1.00E-04	1.00E-04	0.16271682	1.00E-04
0.14615944	0.18337656	0.17983381	1.00E-04	1.00E-04	0.13737026	1.00E-04
0.04479935	0.10483367	0.05696871	1.00E-04	1.00E-04	0.10038786	1.00E-04
0.8640638	0.88967648	0.86914238	0.58621597	0.45359504	0.65120795	0.598716
1.07292061	1.2533861	1.40119428	0.19484498	0.45037578	0.4550192	0.59517132
0.21097325	0.09477329	0.17459792	1.00E-04	0.10272688	0.23465563	0.55457177
0.68361993	0.77217448	0.81696313	1.00E-04	0.28499906	0.51506199	0.27018203
1.00E-04	0.02106857	0.04435207	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59203316	1.14558782	1.03417617	0.25588963	0.30532336	0.63918987	0.56878283
0.21300954	0.16979966	0.16019422	1.00E-04	0.44629032	0.47354712	0.25502342
2.05771476	1.73687985	1.72705413	1.96057836	2.51131296	2.49435759	2.41154562
0.09420841	0.29279855	0.23531854	0.1972111	0.09144579	0.37724504	1.19778992
1.83216034	2.50499289	2.33280677	0.65604868	0.64623697	1.21949333	1.50182069
0.69931339	0.68293946	0.70218744	1.13616345	1.29420837	1.12974901	1.20879645
1.29660857	1.22650811	1.11973622	0.57912229	0.62232559	0.75092151	1.05725655

1.00E-04	0.01929144	0.0142554	1.00E-04	0.37470477	1.00E-04	1.00E-04
1.00E-04	0.00558068	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05074818	0.06084563	0.03466766	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55767332	0.63439261	0.4235554	0.49131376	0.38755474	0.46982738	0.57428971
1.00E-04	0.00598164	0.00973631	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.55125132	5.00224168	4.87047949	2.01474501	2.00289001	3.43572427	3.42736721
0.11841554	0.1144599	0.14675438	1.00E-04	1.00E-04	0.04159215	1.00E-04
1.00E-04	1.00E-04	0.00642563	1.00E-04	0.12414391	1.00E-04	1.00E-04
0.06804815	0.11904344	0.07062336	1.00E-04	1.00E-04	0.05016523	1.00E-04
0.08855989	0.02105975	0.00820725	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00530998	1.00E-04	1.00E-04	0.06069859	1.00E-04
1.00E-04	1.00E-04	0.00571445	1.00E-04	1.00E-04	0.09864294	1.00E-04
1.00E-04	0.05390237	0.09943238	1.00E-04	1.00E-04	0.08986651	1.00E-04
0.44570962	0.1083893	0.25227066	0.06827891	0.50222304	0.70409673	0.29970112
0.20236526	0.04142116	0.07918772	1.00E-04	0.34443993	0.48465884	0.72640325
0.52849466	0.6185443	0.64325344	1.00E-04	0.17352082	0.39099236	0.44968326
0.17846058	0.30071816	0.29755728	0.14596621	0.13292222	0.05123548	0.20089706
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84474601	2.29213112	2.27400256	0.95843479	0.96109493	1.6692615	1.68108264
2.63948758	2.55839804	2.63580893	2.7321092	3.07894269	2.98129229	3.02673202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38286138	0.60902948	0.4538719	0.10677729	1.00E-04	0.53972251	0.143334
1.00E-04	0.04973257	0.03176308	1.00E-04	1.00E-04	0.04930448	1.00E-04
0.011788	0.06598062	0.14982931	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8544781	0.54545045	0.37382104	0.68288529	1.04582109	0.41350819	0.75806419
3.48655471	3.06015606	3.15868711	3.92841609	4.20274825	4.23540413	4.08824712
0.09673453	0.01221769	0.00801698	1.71223375	1.79616201	0.78103635	0.99890307
0.15589987	0.13862897	0.12657446	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43949431	0.13111298	0.15033157	0.29534998	0.3706748	0.48013357	0.06630149
2.21230777	2.12791026	2.29994755	0.42584035	0.66370764	0.99095479	0.99410205
0.25240676	0.2946442	0.25503145	0.06571364	0.36443619	0.35882153	0.39569161
1.55573178	2.06587455	1.94166571	1.28644306	1.46494366	1.61406214	2.06799954
0.12457571	0.32447995	0.35270233	0.2327895	0.1802426	0.9330957	0.65610134
0.07961335	0.02869632	0.02183842	1.00E-04	1.00E-04	1.00E-04	0.1232927
1.00E-04	0.09807371	0.04767109	1.00E-04	1.00E-04	0.27903867	0.17150768
2.28652685	1.81708565	1.93434976	0.89757384	0.44528415	0.93137504	0.71083376
1.00E-04	0.02151438	0.03175643	1.00E-04	1.00E-04	0.10582585	0.15540049
0.09394155	0.14030597	0.19705483	1.00E-04	1.00E-04	1.00E-04	0.04920237
1.00E-04	0.00575293	0.04712856	0.4165024	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03714966	0.05120679	0.46644932	0.39638215	0.28107047	0.39777476
0.231146	0.11480731	0.08052694	0.13213265	0.57547831	0.08450538	0.18065987
1.00E-04	0.14673818	0.12936526	1.00E-04	1.00E-04	0.17159048	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07894703

1.00E-04	0.01425988	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.84943207	3.25807772	3.24431442	1.40010293	1.90948167	2.27753869	2.51929011
3.56211126	3.05279967	3.33780589	3.72829323	4.26374228	3.83066186	4.07418331
0.78953246	0.37758409	0.41205854	0.22594401	0.74668499	1.02754361	0.74318988
0.15470507	0.04155638	0.05441001	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70003517	1.53737328	1.67660092	2.44985914	2.36335803	2.31453843	2.51464726
0.58017185	0.25131917	0.36794855	1.00E-04	0.8432805	0.41619338	0.64254548
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68782568	0.90300673	1.01892665	0.25493246	0.14226306	0.36263794	0.97619548
1.00E-04	1.00E-04	0.01596092	1.00E-04	0.14757149	1.00E-04	1.00E-04
2.9646148	3.87113906	3.76300104	0.51917896	1.44046843	2.54726778	2.64920268
1.00E-04	0.00509297	0.00823531	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9560247	1.73647716	1.50834657	0.37408636	0.30136394	0.82612545	0.78374904
0.68359937	1.26240429	1.23418854	1.00E-04	1.00E-04	0.60460189	0.15288895
4.13853753	4.96681334	4.82573211	1.64238237	2.14306721	3.31140698	2.80299228
3.27703833	3.46790687	3.08036266	2.01481373	2.72557849	3.18985424	2.87210013
0.29192836	0.25286955	0.29201414	0.23256696	1.00E-04	0.31851594	0.2132465
0.40532289	0.34220654	0.38905914	0.47153651	0.35773284	0.6645563	1.17277577
0.01882602	0.00470942	0.03349643	1.00E-04	0.15499337	1.00E-04	1.00E-04
0.70799053	0.86757052	0.80963921	1.00E-04	0.1518074	0.34973934	0.35363635
1.48882748	2.11566149	2.03606113	0.30389662	0.92516374	1.37147772	1.36253224
1.88279785	2.2350785	2.15524261	0.86869902	1.07222419	1.39248866	1.47268909
0.5523493	0.13731035	0.13413249	0.18934306	0.10307257	0.18511387	1.00E-04
0.03525529	0.15688214	0.14140967	1.00E-04	1.00E-04	1.00E-04	0.0418552
0.03324993	0.0638529	0.05902864	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04610249	0.14860129	0.07085411	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05091858	0.05006041	0.07973283	1.00E-04	1.00E-04	0.06408316	1.00E-04
0.24843297	0.34038103	0.30011053	0.21105484	1.00E-04	0.72078481	0.5929054
0.03908368	0.17365309	0.15302851	1.00E-04	0.11289709	0.23695138	0.09842845
1.00E-04	0.01618687	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38536745	1.84546931	1.57477677	0.96488563	0.98054528	1.2388013	0.59583649
0.15035757	0.4118944	0.37420016	0.47346534	0.24491771	0.17122409	0.27637355
0.19389322	0.13363673	0.25240052	1.00E-04	1.00E-04	0.14204014	0.07847324
0.298974	0.27086052	0.24986547	0.10832491	0.24622115	0.11747693	0.26382761
0.64458368	1.07009263	0.88034998	0.20573443	0.1079239	0.48518226	0.46712248
0.02079707	0.0222286	0.02898661	1.00E-04	0.07599045	0.10484818	0.07840353
0.0997123	0.01825582	0.02461077	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3219349	3.224138	2.93460982	1.18689251	0.9016075	2.00206364	1.88436858
0.26498143	0.18324106	0.22517646	1.00E-04	1.00E-04	0.18950527	1.00E-04
0.02734888	0.07800648	0.10438802	1.00E-04	1.00E-04	0.09929494	0.04847967
0.06555696	0.09842957	0.06347053	1.00E-04	1.00E-04	1.00E-04	0.28566455
0.04623249	0.03735452	0.08431386	1.00E-04	0.31521828	0.03683855	0.14636835
0.08123269	0.09537775	0.01518902	1.00E-04	0.1549373	0.05207097	1.00E-04

0.71624516	0.42146002	0.34572519	0.6339448	0.40272931	0.63138238	0.58331408
4.07876877	3.25089993	3.68069468	3.90408676	4.15108968	4.11585608	4.25297903
0.04994726	0.10231613	0.09890605	1.00E-04	1.00E-04	0.24888433	0.0716276
1.78769239	1.26354662	1.04971123	2.39079842	2.92295742	2.11451573	2.10397128
1.00E-04	0.01157545	0.00600069	1.00E-04	1.00E-04	0.09419894	1.00E-04
0.30119625	0.36040109	0.25226923	0.10023149	0.10992107	0.20976775	0.34732605
1.15658644	1.64606746	1.24335513	1.00E-04	0.11812304	0.4550496	0.10018871
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.9185508	5.12301985	5.16970934	3.55391577	3.98185504	4.20722129	4.06225768
0.38065911	0.65793795	0.46281476	0.18024006	1.32002941	1.55878983	1.45382201
0.34279178	0.7262178	0.59207009	1.00E-04	0.17240279	1.00E-04	0.26782493
0.08905621	0.06392788	0.06407504	1.00E-04	0.16585798	1.00E-04	0.08202869
1.00E-04	0.0084443	0.00864445	0.25411524	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02040425	0.02897826	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00484949	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19562458	0.15234352	0.18648376	1.00E-04	0.30493806	0.67286356	0.44636364
0.49649027	0.39362621	0.44934232	0.271555	0.45690537	0.37851122	0.23467675
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36495188	1.21062388	1.22694659	1.00E-04	1.00E-04	0.49524981	0.38127715
0.63062736	0.46328538	0.67381266	1.00E-04	1.00E-04	0.25337434	1.00E-04
3.40198782	3.57512117	3.52786675	1.65114398	2.26648567	2.74670976	2.70344264
0.22112529	0.33903466	0.28483093	1.00E-04	0.16093381	0.0100239	1.00E-04
0.04849817	0.02069812	0.0184576	1.00E-04	1.00E-04	1.00E-04	0.29053562
1.00E-04	0.00602227	1.00E-04	1.00E-04	1.00E-04	0.11994102	1.00E-04
1.00E-04	0.06928804	0.10426401	1.00E-04	0.09537049	1.00E-04	0.33845606
1.63396579	1.78827923	1.7071079	1.17674779	1.28553908	1.03796737	1.08904403
1.00E-04	0.0290992	0.03043877	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.81701037	2.28460005	2.39190949	1.00E-04	0.46912312	0.74759504	0.92026018
0.66006273	1.48102971	1.36203335	1.00E-04	0.27997035	0.78453934	0.73380082
0.35794178	0.15559773	0.17876175	0.67052907	1.55587381	0.49141588	0.75126242
0.69041017	0.92861031	0.92779682	0.52634481	0.15790762	0.4241949	0.27466393
0.49316954	0.67698065	0.60238666	0.18158297	0.23683989	0.56170297	0.65079856
3.58529255	3.97939515	3.91918987	2.34107341	2.71577286	3.09598101	3.15810709
0.06168663	0.09422891	0.07711855	0.15555423	0.56194208	0.29187282	0.49710171
1.00E-04	0.00752082	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12674794
0.04461146	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14952686	1.31165769	1.5093266	1.07089107	1.33843482	1.64131087	1.7823066
1.35888941	1.54006827	1.45190177	1.00E-04	0.48861292	0.4588587	0.31028491
0.50598878	0.36465422	0.34523412	0.52825176	0.65665389	0.68134355	0.22820553
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57117579	0.91683648	0.75667237	1.00E-04	0.15955479	0.26145201	0.0762365
1.00E-04	0.02326079	0.02764506	1.00E-04	1.00E-04	0.05699917	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02296656	0.07441423	0.07365963	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65650614	0.32347893	0.3799186	0.16163727	0.22871009	1.00E-04	0.33582668
1.00E-04	1.00E-04	0.00531039	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40675757	0.34110566	0.51411703	0.14302802	0.42510185	0.14097305	0.32515817
0.15421171	0.07370701	0.06177958	0.42513013	0.61799757	0.50687901	0.53070659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.09606331	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08379762	0.02764116	0.06390108	1.00E-04	1.00E-04	0.0531976	0.52000923
4.01674276	4.52036541	4.51297181	2.47657135	3.00630722	3.6782432	3.67948755
0.02572438	0.00952001	0.02926637	0.24801633	0.05166078	0.40573543	0.05527033
0.18100315	0.33453637	0.3375589	1.00E-04	0.25845026	0.23515558	0.29523557
1.27689673	1.66790335	1.59034488	0.67686169	0.17095711	1.36570141	1.24114835
2.36006224	2.18874212	2.41732552	1.93471978	2.0267898	2.35631076	2.48212703
0.02950992	0.01205983	0.10581483	1.00E-04	0.14661194	0.12000143	0.11064921
0.13821031	0.14585539	0.24422158	0.50105462	0.15538696	0.74456545	0.77698669
0.03403259	1.00E-04	1.00E-04	1.00E-04	0.33541383	0.0962141	0.07090837
0.2744376	0.40376852	0.43655484	1.00E-04	0.08701191	0.33521771	0.27026352
0.0926526	0.36140765	0.28076432	1.00E-04	1.00E-04	0.14534439	0.11682332
1.00E-04	0.01456264	0.0483311	1.00E-04	1.00E-04	0.22171518	1.00E-04
0.33007009	0.32230319	0.45938846	0.22536215	0.26286482	0.58127613	0.94500038
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06628709	2.07176237	2.20647151	1.84199539	2.06194735	2.32715751	2.44213818
0.71283492	0.55192738	0.82752885	0.94989841	1.05352061	1.2041524	1.56559444
0.5462015	0.82122747	0.85030547	0.49736149	1.24467114	1.19651035	1.46831074
1.8066261	2.07966196	2.0811179	1.03620057	2.09471134	2.26365556	2.43382625
1.46147891	1.21977497	1.5375373	1.83220879	1.94806944	1.93014603	2.11844693
0.08551977	0.10135975	0.05090307	1.00E-04	1.00E-04	0.21469997	0.14907744
0.06769297	0.11504347	0.07488262	0.17675445	0.07866604	0.08853156	0.07286935
0.19181253	0.03823752	0.11211817	1.00E-04	0.05166078	0.1233156	0.22763988
0.98600567	1.34526997	0.51533254	0.74548294	0.16376478	0.16301477	1.00E-04
0.36681977	0.3594301	0.48566489	0.78633972	0.8502469	0.74557353	0.61401157
0.02781229	0.18832317	0.16840466	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24011831	0.33218585	0.24668905	0.19289083	1.00E-04	0.23377633	0.04476222
0.67355544	0.53370071	0.48786862	0.89451551	1.47482094	1.76429729	1.37903928
1.46934923	0.83061925	1.101474	1.38958033	2.03919928	1.83701841	1.95273579
1.00E-04	0.00899502	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04028566	0.03836376	1.00E-04	1.00E-04	0.14454027	1.00E-04
1.00E-04	0.00879428	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09768424	0.01934385	0.07475035	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71914246	1.52807213	1.30297422	1.62365083	2.12438252	1.88710733	1.92877577
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00956034	0.03197301	1.00E-04	1.00E-04	0.09815548	0.05679936

1.00E-04	0.00644535	0.00519111	1.00E-04	1.00E-04	0.15101046	0.11660963
0.83012461	1.45051037	1.33416397	0.37175294	0.40543691	0.73028705	0.70748919
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38516409	1.17461765	1.46221748	3.64473047	4.15084341	3.71414363	3.82443288
2.84462164	2.38844879	2.35585389	0.24899631	1.00E-04	0.29737654	0.41994526
0.95489522	1.84659021	1.26386756	0.07818642	0.2792733	0.60125115	0.95748484
0.03454754	0.01653469	0.01772362	1.00E-04	0.14838934	1.00E-04	0.14564287
0.02028487	0.0124293	0.01361515	1.00E-04	1.00E-04	0.16019809	1.00E-04
0.39766741	0.08316698	0.03122206	1.00E-04	0.12896243	1.00E-04	0.18414782
0.88135325	0.63707895	0.71477514	0.44520939	1.4876577	1.89059488	1.85469714
0.03470613	0.01206054	0.00966435	1.00E-04	0.10008937	1.00E-04	1.00E-04
2.9592113	2.45912622	2.65656602	3.4714613	3.52137746	3.37906816	3.57902909
1.72896226	1.12898558	1.02224799	1.85906089	1.43955342	1.32434568	1.35928549
2.21926061	2.42225854	2.37145275	1.5522307	2.27853642	2.28524899	2.41003523
0.17255757	0.232243	0.17772899	0.14992385	0.40619825	0.31155662	0.73786906
2.58987708	3.16784298	3.14336828	0.38994049	0.77421459	1.51251618	1.84025801
0.49186037	0.56885765	0.5339492	1.00E-04	0.13387729	0.31044672	0.60148364
0.46652955	0.38399578	0.4144086	1.00E-04	0.30664334	0.35025264	0.10467577
0.26881758	0.21406737	0.19503935	0.0923123	1.00E-04	0.43382056	0.18130438
0.19344428	0.16883694	0.12316855	1.00E-04	1.00E-04	0.28348579	1.00E-04
1.00E-04	0.00901331	0.00679856	1.00E-04	0.16395288	0.08375106	1.00E-04
1.00E-04	0.03183428	0.03240068	1.00E-04	0.1022858	1.00E-04	0.13838433
0.36062745	0.35684901	0.39295506	0.31030433	0.27563173	0.20638404	0.28370989
0.30475581	0.11133932	0.06610363	0.3222793	0.14571436	0.11959911	0.1209261
1.39955113	2.29795758	2.387026	1.16202902	1.36858842	1.98326956	2.31581999
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31720005	0.34485519	0.31909733	0.38823404	0.21978605	1.00E-04	0.07172946
3.80305928	4.36678469	4.20970053	2.4376372	2.65776194	3.39388009	3.29935361
0.03759457	0.04655099	0.11259581	1.00E-04	1.00E-04	0.12924571	1.00E-04
3.96928523	3.69174561	3.9509927	4.61369477	4.91018883	5.00587756	5.18516233
0.72255655	0.92890768	0.89925667	1.00E-04	0.26374967	0.19286333	0.97134194
1.36684457	1.34538603	1.29950999	0.09543904	1.00E-04	0.44359085	0.43437949
2.14749019	3.10540476	3.01219267	0.24959278	0.83759874	1.81942092	1.748235
0.2762581	0.12171695	0.09946924	1.00E-04	0.16939825	0.22732282	0.60855326
1.00E-04	0.0465472	0.02396324	1.00E-04	0.17843926	0.10085512	0.2004823
0.94145889	1.17472241	1.18784568	0.42923757	0.66845146	0.95137176	1.03176344
1.45910572	2.27347431	2.15968619	0.19042829	0.57535893	1.193487	0.75377129
0.17054743	0.09153118	0.15287579	0.16752309	0.47679573	0.60445223	0.53110097
1.00E-04	0.00618614	0.01759892	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13389782	0.03903249	0.18734995	1.00E-04	0.25526395	0.34356115	0.73970703
1.00E-04	1.00E-04	0.00660811	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90572578	1.32625621	1.16918685	0.34174195	0.68788315	0.74253373	1.04304204
0.21436396	0.09476255	0.05074361	1.00E-04	0.22712927	0.16896483	0.0933768

1.00E-04	0.02318771	0.02137129	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01078579	1.00E-04	1.00E-04	0.16980384	1.00E-04
1.00E-04	1.00E-04	0.01151383	1.00E-04	0.10597666	0.12074283	1.00E-04
2.06198245	1.89681053	1.97937949	2.72060051	3.08822788	2.86264008	2.99190863
0.01577531	0.10846392	0.05219879	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97607573	1.68703807	2.04942838	1.54618459	2.4392589	1.98771288	2.10762813
3.74942999	3.35569727	3.70006611	4.26138302	4.57082641	4.78617138	4.37495963
1.00E-04	0.00751991	0.03165668	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05127245	0.06580398	0.052189	1.00E-04	1.00E-04	0.08986651	1.00E-04
1.5909715	2.1197704	2.46089632	1.37603302	1.18093889	1.99203594	2.29100266
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.230766	1.00E-04
2.40616525	2.31861794	2.52728835	1.44457468	2.81667691	3.54918565	2.62636687
1.00E-04	1.00E-04	0.01091442	1.00E-04	1.00E-04	0.22214169	1.00E-04
0.24889031	0.17571046	0.21823001	1.00E-04	0.3505937	1.00E-04	0.05812697
1.00E-04	1.00E-04	0.01074611	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68744737	1.26136882	1.05147383	1.97790466	2.03444584	2.38942334	1.56597632
0.21047511	0.45034273	0.37789387	1.00E-04	1.00E-04	0.14633226	0.37806706
0.03703606	0.04818094	0.02548925	1.00E-04	0.15884467	0.05262245	0.31191868
1.00E-04	0.86598875	0.00743679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05017674	0.08173143	0.08492117	0.04762906	0.40566065	1.00E-04	1.00E-04
0.09472225	0.08845899	0.05551867	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1191075	0.06826536	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09691625	0.15810488	0.17827997	1.00E-04	1.01957716	0.43394471	0.09785538
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19908989	0.49317486	0.49421947	1.00E-04	0.46807596	0.11736496	0.17787105
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15505872
5.21107243	4.65420583	4.75012986	5.48974007	5.75956119	5.64448317	5.58776672
1.51474941	1.38836564	1.65517276	1.57463432	1.46370985	2.1490594	1.94340744
0.61124211	0.57673515	0.43291622	1.00E-04	0.21688679	0.20083248	0.36698515
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13968285	0.22330032	0.21662301	1.00E-04	1.00E-04	0.2525116	1.00E-04
2.85388415	2.7493028	2.79904105	1.00537223	1.30966296	1.39984061	1.52669104
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.128003	0.07537666	0.08551543	1.00E-04	1.00E-04	0.03111115	0.16847377
0.52436294	0.72683048	0.74158378	0.15695577	0.40783893	0.28069779	0.41955125
1.00E-04	1.00E-04	1.00E-04	0.25770778	1.00E-04	1.00E-04	1.00E-04
0.96491939	1.16269587	1.09314382	2.45936821	2.90764717	4.0128227	4.17251883
0.03094747	0.02514998	0.05884422	1.00E-04	0.30935625	1.00E-04	1.00E-04
0.07586571	0.02670194	0.03947646	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02312895	1.00E-04	0.01486829	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00747892	1.00E-04	0.08951196	0.20367623	0.13361357
2.17648518	2.90183334	2.79612243	0.32885012	0.40133273	1.595772	1.85451848
1.00E-04	1.00E-04	0.0102802	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.00637256	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.45146143	3.96921878	4.08577023	4.18869664	4.54838352	4.54128829	4.57625567
3.26936284	4.430249	1.76727637	0.42830143	0.88151617	2.38198827	0.43175286
3.64182158	3.04783858	3.1611825	3.45879102	3.63324933	3.26984811	3.67256348
2.4740816	2.3440588	2.47758404	2.1133712	2.48242035	2.65450768	2.58353961
1.00E-04	1.00E-04	0.00837677	1.00E-04	0.05418549	0.23306125	0.29941663
0.15736656	0.43856623	0.36994145	1.00E-04	0.16954151	0.19646445	0.25236984
0.19667315	0.21330898	0.14796486	0.12235082	0.14064414	0.13287144	0.34968589
1.29304853	1.39411113	1.40477445	1.59610693	1.54535778	1.7522169	1.6152765
0.19801693	0.18784291	0.14982971	1.00E-04	0.48054849	0.19941126	0.79884499
0.05570373	1.00E-04	1.00E-04	0.12228952	0.03788961	0.08035552	1.00E-04
0.39903827	0.98979493	0.85840695	1.00E-04	1.00E-04	0.19255028	0.53761041
0.50046071	0.59965391	0.38492183	1.00E-04	1.00E-04	0.26640746	0.13147202
1.31242436	1.29640685	1.1899342	1.2273026	1.24702775	1.20223553	1.24291606
0.0976722	0.03761652	0.01450524	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03234517	0.00498839	0.02680324	1.00E-04	0.19379204	1.00E-04	1.00E-04
1.00E-04	0.01759699	0.0165707	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03282632	0.03133438	0.00664393	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1298161	0.56940233	0.02955079	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34655245	2.18094096	2.07894404	0.06827891	0.66262738	1.07730413	1.4338174
1.00E-04	0.02177965	0.04343339	1.00E-04	1.00E-04	0.02592998	1.00E-04
1.00E-04	0.05883118	0.04875106	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08138316	0.10032777	0.13722643	0.52425268	0.11169123	0.1687959	0.28784831
0.03043288	0.04102638	0.03036089	1.00E-04	0.086503	0.07619543	0.16977242
0.61322883	0.28856618	0.38641389	0.41862189	0.30804955	0.64292892	0.09516424
0.33511417	0.59563552	0.65380226	0.69296005	0.26251829	0.43698671	0.19460238
1.00E-04	0.03753135	0.02199611	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20555553	0.10785817	0.16551901	1.00E-04	0.15985256	0.03439499	0.13882011
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01060047	1.00E-04	1.00E-04	1.00E-04	0.10867295	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09457776
1.00E-04	0.00486979	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11193173	0.10135855	0.12659073	0.43787479	1.00E-04	0.05524314	0.20800819
0.35523121	0.85857123	0.75346192	1.00E-04	0.11286737	0.10340954	0.33100688
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21650839	0.21282034	0.18804705	0.10591264	0.12512237	0.1810774	0.52392804
1.00E-04	0.02309241	0.01326571	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25094024
0.51893765	0.84196448	0.73854069	0.1959248	1.00E-04	0.55497387	0.3653163
0.09216936	0.29445557	0.21652952	1.00E-04	0.10770702	0.04933508	1.00E-04
0.03657622	0.17402394	0.1679012	1.00E-04	1.00E-04	1.00E-04	0.15284029
1.00E-04	0.02193085	0.01548673	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.36844337	2.25369327	2.10019152	0.23095682	0.22514993	1.01583847	1.32535761
2.38607964	2.74853172	2.54954896	0.4110382	0.61380324	1.09237706	1.25031862
1.00E-04	0.01582647	0.00641182	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03837485	0.05710961	1.00E-04	1.00E-04	1.00E-04	0.1315701
1.06555629	1.75592342	1.41787284	0.12761821	0.43314798	0.89542955	1.1688439
0.1072991	0.04821218	0.11891773	1.00E-04	1.00E-04	1.00E-04	0.08132949
2.21116398	2.35122679	2.42255305	2.05686196	2.25766002	2.50570999	2.63577433
1.0677771	0.82022516	1.02185968	0.12071698	1.00E-04	0.08879536	1.00E-04
0.12663908	0.35015249	0.25998925	1.00E-04	1.00E-04	0.17246341	1.00E-04
2.9372608	3.73065031	3.50598187	1.10082359	1.44307748	2.6694646	2.85105422
0.10529579	0.0724287	0.00598551	1.00E-04	1.00E-04	0.15332384	1.00E-04
0.49141232	0.58564136	0.49877602	0.10900202	1.00E-04	0.2235068	0.53853551
1.39612086	1.73111153	1.70154042	0.14506926	0.8410385	1.15378032	1.1198913
0.5160272	0.76177461	0.75630449	1.00E-04	0.13137384	0.64122928	0.35535731
1.82054172	2.29723329	2.15785401	0.22487106	0.44862541	1.12894107	1.37986155
0.03527147	0.02840448	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01008379	1.00E-04	1.00E-04	1.00E-04	0.69028009	0.43753659
0.26669057	0.39518388	0.39571521	1.00E-04	1.00E-04	0.13628976	0.1267935
0.02769539	0.17638386	0.0957193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04723448	0.09310439	0.02757656	1.00E-04	1.00E-04	1.00E-04	0.40240654
1.00E-04	0.01890673	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13839826	0.10816314	0.06729114	0.6465886	0.99209704	0.70128672	1.13222347
4.32472266	3.8015361	3.92044282	4.59332223	4.99745313	4.89656302	4.86485168
0.90718342	1.38072889	1.74578686	4.49174721	4.63343787	5.22911969	5.41174755
1.00E-04	0.01285763	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14992916	2.12301427	2.36577632	0.71932621	1.37917327	1.31974689	1.4320245
1.00E-04	0.01142306	0.04091936	1.00E-04	1.00E-04	0.05123206	1.00E-04
3.30772433	3.18301475	3.30347253	2.83343907	3.30535604	3.14538897	3.20775022
0.1281892	0.13482906	0.25372763	0.34199697	0.81855643	0.65150646	0.9361787
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07648875	1.00E-04
1.00E-04	0.00506533	0.06147719	0.16911117	0.14166717	0.08154707	0.53591781
1.00E-04	1.00E-04	0.03331059	0.25807266	0.88246954	0.95456933	1.23955202
0.15519917	0.08601852	0.14177289	0.24672226	1.00E-04	0.13113889	1.00E-04
0.26567719	0.47342935	0.38784587	0.25853022	0.76391142	0.52316949	0.03542746
0.01908148	0.12550323	0.12837419	0.22407161	1.00E-04	0.0288532	1.00E-04
1.00E-04	0.00485741	0.01993411	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12724123	0.04769458	0.0761978	1.00E-04	0.03184936	0.18296104	0.09591418
1.00E-04	0.01414785	0.00814154	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01250825	0.02175309	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30090947	0.20039855	0.1666862	0.23640921	0.65285318	0.17022761	0.42128368
0.06489197	1.00E-04	0.01696905	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02554487	0.05015326	0.07430877	1.00E-04	1.00E-04	1.00E-04	0.109584

1.00E-04	0.02738481	0.00703944	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13108177	0.07924711	0.07196932	1.13441676	1.02611375	1.1413225	1.40079513
0.11775934	0.13978817	0.12422837	1.00E-04	1.00E-04	0.07114809	0.05067802
1.00E-04	0.00725828	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13059711	0.89514368	0.96475701	1.41892922	1.8554413	1.56942321	1.5925955
0.06100516	0.19866043	0.07683354	1.00E-04	0.28960889	0.56814823	0.54451075
5.34904408	6.41953175	6.22928423	3.18186152	3.69151419	4.99167171	5.0983345
1.00E-04	0.00736203	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28523956	0.50219556	0.68603882	1.00E-04	1.00E-04	0.58355621	1.00E-04
1.00E-04	1.00E-04	0.00402394	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03345733	0.06395006	0.05570788	0.59650489	0.64926791	1.00E-04	0.40114158
0.05031295	0.08255051	0.02425057	1.00E-04	0.18791944	0.17644065	0.16326156
1.00E-04	0.02360638	0.03023409	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08757644	0.02645789	0.00783623	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03378597	0.0132536	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.03715723	7.11175616	6.95195845	3.90933216	4.28688848	5.65573463	5.72112202
1.00E-04	1.00E-04	0.01254624	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.34568452	2.53486945	2.75233619	3.39299476	3.52593606	4.07045721	4.12172292
1.00E-04	0.02999724	0.03461025	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08065482	0.07995487	0.0821946	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07733581	0.12050435	0.14345311	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00482292	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14858745	0.24293867	0.35731769	0.83965255	1.02774822	0.92942701	1.43659312
1.00E-04	0.06676994	0.02132477	1.00E-04	0.16579376	1.00E-04	1.00E-04
1.67658173	1.46354958	1.38491912	1.87596684	2.31941163	3.00873286	2.64006336
0.06932029	0.06840814	0.03047241	0.4064996	1.00E-04	0.06693416	0.25855288
0.09660499	0.15762019	0.23637204	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86569124	0.4210462	0.42144123	0.79426098	1.30735002	1.19061632	1.24074608
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01837308	0.13443899	0.09477692	1.00E-04	1.00E-04	0.02824171	1.00E-04
0.55139268	0.84300772	0.90538252	0.28852723	0.70862925	0.1505978	0.31742623
5.43236748	5.00458379	5.13677401	4.35524978	4.62156766	4.67005042	4.77105251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11677167	1.00E-04	1.00E-04
0.23496236	0.09445559	0.0993321	0.27774349	0.28895489	0.41440797	0.33258665
1.27143022	1.45700271	1.38986334	0.38564562	1.00E-04	0.39209243	0.27106194
0.84678085	1.33514444	1.25514056	0.15773406	1.00E-04	0.84732887	0.74147327
0.4662097	0.73358148	0.7015339	1.00E-04	1.00E-04	0.55843996	0.45422835
0.17438813	0.21194244	0.17162132	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.86690054	5.00839962	5.04638934	2.93144545	2.99436269	3.44922296	3.61229432
0.02297114	0.00942317	0.00613723	1.00E-04	1.00E-04	1.00E-04	0.11016559
1.62131585	1.75751347	1.8755671	1.51199038	1.55929681	1.57098563	1.69793551
1.00E-04	0.03269289	0.02241193	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.95174651	0.48962831	0.4449228	0.47006255	0.31841343	1.24471099	0.91719086
0.02034123	0.08283553	0.09512545	1.00E-04	0.15338381	1.00E-04	0.09392342
0.58159268	0.17484517	0.16272952	1.00E-04	0.22126744	0.16470959	0.04819519
1.30561512	1.68276137	1.49302396	1.00E-04	0.68391552	1.16161551	0.90061374
0.96383087	0.65937142	0.74010654	0.44719944	0.72586665	1.01334338	1.12553406
1.00E-04	0.02636951	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48942771	0.25399505	0.23619833	1.01973087	0.40575296	0.61672249	0.80880773
1.00E-04	1.00E-04	0.00813865	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07393921	0.16166472	0.09505288	1.00E-04	1.00E-04	0.24265059	0.10860593
2.35981378	2.53180757	2.30924275	1.38970195	1.328804	1.57023589	1.52147359
1.1018882	1.12907222	0.95845657	0.28772908	0.12896243	0.50704325	0.45104186
0.40494004	0.55894522	0.57831366	1.00E-04	0.21089579	0.21404072	0.70462858
1.00E-04	0.01237164	0.0065711	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05598741	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04154323	0.2812547	0.22058334	1.00E-04	0.06954744	1.00E-04	0.17111836
0.20120895	0.49309728	0.36377344	0.12603646	0.26022291	0.43349187	0.36847056
1.70613337	1.67323316	1.85918321	0.54553041	1.33050476	1.49462251	1.53952198
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00932014	0.01324388	1.00E-04	1.00E-04	0.10325829	1.00E-04
1.3997599	2.18867688	2.20651221	0.25438118	0.1657643	1.14262841	0.65354891
0.26857148	0.29491463	0.2771481	1.00E-04	0.13634787	0.14824872	0.28461795
4.46495005	5.32700459	4.65558177	1.84015453	2.23828856	3.27808312	2.79524966
6.84281932	6.95007277	6.90637598	4.6430211	5.73926889	6.12387153	5.91601364
0.05709396	0.02645657	0.01711101	1.00E-04	0.15843334	0.09868378	0.13108115
3.96450962	4.36839108	4.36440617	2.28360595	2.7992239	3.59149933	4.01231434
2.84300445	2.93171644	2.93412874	2.383917	2.93470251	2.86932185	2.95391713
0.18391988	0.18274045	0.40133053	0.61398639	0.1348462	0.2252285	0.44255693
0.2808055	0.76054791	0.75874026	0.26433385	0.1011041	0.26396937	0.62465337
0.09334608	0.1796601	0.18510531	0.36080343	1.00E-04	0.23398898	0.47794386
1.45690113	1.19293965	1.37081164	0.37270838	0.84086767	1.60436939	1.74309282
0.1311593	0.29424009	0.25156802	1.00E-04	1.00E-04	0.26996969	1.00E-04
0.15130418	0.1071532	0.06672545	1.11985091	1.21762569	0.67035851	1.54127903
0.07822355	0.05805623	0.01911642	1.00E-04	0.08671286	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.95665682	3.16026947	3.07613245	1.02677582	1.01131249	1.85374545	1.59076582
0.10580363	0.18226277	0.18041155	1.00E-04	1.00E-04	1.00E-04	0.21398952
1.04872456	1.54847923	1.52952183	0.53583698	0.6975156	0.95863138	0.57687995
0.43315217	0.64448327	0.47956875	1.00E-04	1.00E-04	0.32824786	0.28751101
0.05016521	0.23487755	0.23345728	0.11614111	1.00E-04	0.22212879	0.16433252
2.80293198	3.65955923	3.49458675	0.97510408	1.69758307	2.57751462	2.6009794
1.00E-04	0.04155017	0.03099841	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27996949	0.11186033	0.09644755	1.00E-04	1.00E-04	1.00E-04	0.0951951
1.00E-04	0.09580139	0.03876571	1.00E-04	0.07740273	0.23828509	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18409488	0.48846978	0.7125419	0.12997445	0.63583098	0.22076697	0.40439826
0.04888892	0.07685214	0.04227271	1.00E-04	0.29060994	0.16920027	0.07668357
1.00E-04	0.03478699	0.01861576	0.77979539	1.00E-04	1.00E-04	1.00E-04
0.09662629	1.00E-04	0.00320064	1.00E-04	1.00E-04	1.00E-04	0.07840353
2.49590091	4.01798822	3.75345502	0.5108385	0.28591814	2.32880806	3.25256164
1.00E-04	1.00E-04	0.02943547	1.00E-04	1.00E-04	1.00E-04	0.0616267
0.19739827	0.06811533	0.14512262	0.43927453	0.31499132	0.09079061	0.30344087
1.18023134	0.98927018	1.1369483	0.56275785	0.65538564	0.38248051	1.02636886
1.00E-04	0.01985828	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05468649	0.01351887	0.05844192	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05359399	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88915248	0.92000194	0.95963033	1.30133466	1.37386302	1.53017147	1.60169395
0.46460213	0.89235899	0.91437038	0.18354318	0.33366806	0.49052848	0.21919645
0.27950823	0.15017863	0.24892286	1.00E-04	0.31992373	0.47430556	0.39076262
1.27723239	1.00357461	0.91001221	2.27895217	1.73311358	2.49826584	2.12954224
0.41326825	0.22826271	0.24569538	2.4135278	1.16853491	0.60990614	0.16994878
0.24387544	0.46258308	0.40439507	1.00E-04	1.00E-04	0.11797995	0.14636338
1.39299857	1.93415674	1.97095279	0.52538396	0.36793532	0.78820492	0.80575982
0.12981368	0.09597051	0.10649559	1.00E-04	1.00E-04	0.22376388	1.00E-04
1.00E-04	1.00E-04	0.01021746	1.00E-04	0.23053127	1.00E-04	0.27079864
0.11890655	0.25560215	0.2164194	1.00E-04	1.00E-04	0.10069599	0.14667278
0.56763011	0.58833792	0.54999678	1.20738912	0.90753398	1.57006777	1.03394898
1.00E-04	0.0591336	0.02919438	1.00E-04	0.09409409	1.00E-04	0.15029915
1.00E-04	0.02262728	0.02661893	1.00E-04	0.11406858	1.00E-04	1.00E-04
0.9896193	1.02849521	0.98142945	0.29386362	0.35119924	0.42832613	0.51184789
0.03016024	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1591975	0.32263408	0.24456508	1.00E-04	1.00E-04	0.12274705	1.00E-04
1.00E-04	0.0055091	1.00E-04	0.11454254	0.53493578	0.85501645	1.01893639
1.00899263	1.45497661	1.28316468	1.00E-04	0.68411969	0.69732088	0.50256312
0.13404966	0.00465015	0.02954113	1.00E-04	1.00E-04	0.17591143	0.13193138
0.1252035	0.07966602	0.13354049	0.30570209	0.08536672	0.12648302	0.09799122
1.00E-04	0.04043991	0.04413643	1.00E-04	0.19707158	0.15327432	0.3070278
1.78701983	1.32235821	1.19956041	1.00E-04	0.43566821	0.58715198	0.21627466
1.00E-04	0.01849747	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52357648	0.34202144	0.49459322	0.84635043	0.99934673	0.61126321	0.93257964
1.34302772	1.42956651	0.96674393	0.81359405	0.8939124	1.74221133	1.24463759
0.15198717	0.05785906	0.06781044	1.00E-04	0.26219545	1.00E-04	0.43669498
1.00E-04	1.00E-04	0.00897036	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0686174	0.06110958	0.02460039	1.00E-04	1.00E-04	0.10379793	1.00E-04
0.09576032	0.01770864	0.0175923	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.02152109	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2938544	0.13167968	0.19280583	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87392503	0.83120333	1.12635633	4.2256076	4.32744621	4.72434322	4.97484761
0.0392186	1.00E-04	0.01873888	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96361086	0.52757509	0.61618228	0.74714278	0.76661227	0.43979813	0.93585955
0.27743968	0.36535204	0.36464155	1.00E-04	0.29112776	0.13255404	0.42734821
0.97783914	0.85789307	0.88671169	1.00E-04	0.36502769	0.15050425	0.39530171
1.35772729	1.33545959	1.25503623	0.82624117	1.43707764	1.49757483	1.20481037
2.62733297	2.34277597	2.55120216	2.03369185	2.4654914	2.53381877	2.72883415
3.12930025	3.00289995	3.17705102	3.07457965	3.51540492	3.68215879	3.67072481
0.0887983	0.20238993	0.2217332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10926284	2.44822436	2.41487311	1.94590811	2.03999212	2.10889799	2.34687868
0.02208674	0.00429578	0.01577781	1.00E-04	1.00E-04	0.10180283	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14190708	0.08403999
0.16935534	0.1369912	0.29798936	0.08600548	0.82381409	0.78475025	0.74226865
1.18199474	1.38272386	1.38947152	1.01380185	1.1397392	1.27976395	1.36900681
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67670678	1.10190978	0.97977105	0.26417475	1.00E-04	0.31776298	0.24034433
0.06726729	0.01682077	0.05196976	1.00E-04	1.00E-04	1.00E-04	0.06832864
2.91053998	3.64753647	3.45116584	1.37857663	1.59947912	2.49489194	2.56408128
1.00E-04	0.00668882	0.01680625	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46850836	1.36619427	0.55139356	0.90453368	0.7783107	0.53579659	0.68853814
0.92816442	1.28423482	1.01867026	0.72788803	0.8903188	1.55034897	0.86654781
0.03220514	0.03130005	0.04128773	1.00E-04	0.23422978	1.00E-04	0.14415434
1.00E-04	1.00E-04	0.00508215	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0316144	0.73527572	0.7210754	0.8636409	0.97529705	0.689763	0.78753481
0.06082716	0.10282396	0.07690486	1.00E-04	1.00E-04	1.00E-04	0.18124565
1.00E-04	1.00E-04	0.01438695	1.00E-04	0.13766194	1.00E-04	1.00E-04
0.29527274	0.11131687	0.18156297	1.00E-04	1.00E-04	0.05227642	1.00E-04
1.00E-04	0.08795917	0.05443777	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19741626	0.14695187	0.15723673	1.00E-04	1.00E-04	1.00E-04	0.17737899
3.8208797	3.33428884	3.53289775	3.88262799	4.32816562	4.08892103	4.13687727
0.51971171	0.38799853	0.30932132	0.29932083	0.52246385	0.41037945	0.27321692
3.07780933	3.26064639	3.23968376	2.32537436	2.62553783	2.7854809	2.84001903
1.13611298	1.22807917	1.16610064	0.26608294	0.18278848	0.64604411	0.69897228
0.02357704	0.00338213	0.01633505	1.00E-04	0.13656514	0.05568167	0.1535058
0.15715603	0.2697946	0.3005368	0.36150526	0.3908464	0.95481868	0.80448771
4.81076833	5.16837842	5.25796715	4.10714805	4.44320435	4.65821725	4.70212776
2.19557926	1.92986361	2.05231177	2.21263371	2.51964624	2.74530827	2.63586254
6.65778347	7.04617881	7.12293452	4.59830846	5.10247692	5.7738397	5.84116524
0.53120881	0.33177062	0.43694517	1.00E-04	0.28806754	1.00E-04	0.1525097
4.43188115	4.67670338	4.56872035	3.31081373	3.66196	3.67458273	3.81030458
0.23815025	0.39102158	0.38071917	1.00E-04	0.25045139	0.26079964	0.06704423

0.89600258	0.87433423	0.93609805	0.26028394	0.14641153	0.23651199	0.46585926
0.37581889	0.33407744	0.29857255	0.11920382	0.35942738	0.2907624	1.00E-04
0.02721173	0.03108644	0.01781395	1.00E-04	0.07790881	0.04476119	1.00E-04
0.0980675	0.01069911	0.01960343	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08983586
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32933702	1.40506996	1.31612762	0.34951623	0.32380229	0.97078019	1.16351191
1.85223229	1.06812269	1.40995882	0.49014975	1.00E-04	0.21206204	0.13147202
2.22647686	2.21437461	2.87983024	1.00E-04	0.85808686	0.62885628	0.42722434
0.19861429	0.26611494	0.30581956	1.01866128	0.92798021	1.27764006	1.34304894
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00873576	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36713712	0.453581	0.35864939	0.76413159	0.18202756	0.36488625	0.57724643
0.63646115	0.36179397	0.92040556	4.43589685	4.66876273	4.25672457	5.01932396
1.00E-04	1.00E-04	0.00556031	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03366249	0.26373495	0.20355479	1.00E-04	0.23976453	0.16019809	1.00E-04
0.24658509	0.05449876	0.08147766	0.12631915	0.15623717	0.17872583	0.11400979
1.00E-04	0.05460361	0.08145669	1.00E-04	1.00E-04	0.11028223	0.18980437
0.1009194	0.07370711	0.0473072	0.42532633	0.63674288	0.34899619	0.83747183
1.00E-04	0.03117612	0.2651041	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43987551	0.30116101	0.35367631	0.55244062	0.63835757	0.47907397	0.35563796
3.20282408	3.74075368	3.61246701	1.29534844	2.01047477	2.57395999	2.77124183
1.00E-04	1.00E-04	0.00691081	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43803362	0.50163374	0.43585744	1.00E-04	1.00E-04	0.10912079	0.01438582
1.00E-04	0.10484063	0.30445247	1.00E-04	1.00E-04	0.11656704	0.01438582
1.00E-04	0.06446273	0.04511297	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.02706015	2.51399087	2.7036635	3.91296808	4.20587251	4.12511602	4.27288781
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23065593	0.05205497	0.10178373	1.00E-04	1.00E-04	0.03896914	1.00E-04
2.26146509	2.91493932	2.76995347	0.46703232	0.91448371	1.72736836	1.98342223
1.05342561	1.67772775	1.60049855	0.28491447	0.6657829	0.75782822	0.55324237
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01142678	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05297829	0.12045508	1.00E-04	1.00E-04	1.00E-04	0.10954998
1.00E-04	0.0226272	0.06525033	1.00E-04	1.00E-04	0.10969609	1.00E-04
1.20266639	1.71821978	1.4820743	0.08940588	0.26998215	0.54168486	0.39070451
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29554902	0.13613954	0.08778381	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0391353	0.07040201	0.02451207	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08658706	0.05470197	0.06008839	1.00E-04	1.00E-04	0.15912719	0.06428568
0.03576102	0.00226372	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81934039	1.11929091	1.06579059	1.00E-04	0.12289812	0.24971142	0.39285766
0.04276745	0.00452043	0.01882341	0.19273822	1.00E-04	0.04501463	0.12566431

0.25347613	0.12033581	0.12198575	0.29981766	0.65469214	0.45121889	0.47755345
1.00E-04	0.06047974	0.01445942	1.00E-04	0.34085986	0.30479948	1.00E-04
2.03569031	2.37259887	2.60074656	0.5380293	0.55727982	1.13471125	1.04755495
0.22511779	0.23000449	0.20261747	0.18846433	1.00E-04	0.21309334	0.5503802
1.4916845	2.06064337	2.01209524	0.70374214	0.80759143	1.32028123	1.0663022
0.45484882	0.27001495	0.36045193	0.26730812	0.38949992	0.82812398	0.94393781
0.84299574	1.74642086	1.58610619	0.64391447	0.46184596	0.86935948	0.5585227
1.00E-04	0.00891108	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05166217	0.03682759	0.23324538	1.00E-04	1.00E-04	0.18820881	0.30819085
1.65332615	2.27382018	2.13335314	0.49605224	0.9503842	1.71100543	1.88988105
4.35976395	4.53116029	4.39945061	1.74645489	2.27990943	2.80558626	2.66685887
0.04968426	0.03132325	0.05688164	0.06571364	1.00E-04	0.07053773	0.08646902
0.14403843	0.35415029	0.40994726	1.00E-04	1.00E-04	0.16530307	1.00E-04
0.07128206	0.10194613	0.09380687	0.39297235	1.00E-04	0.15107944	0.14685605
0.48332726	0.61585419	0.52373736	1.00E-04	0.02972907	0.19368341	0.17884861
3.06312958	4.11124486	4.34068163	0.49659202	2.0674494	2.80065256	2.37243783
4.52809508	3.91626847	4.10984651	4.54392602	4.72626788	4.64331002	4.54900834
0.99754332	1.17369119	0.93711154	0.20051211	0.30219406	0.92965231	0.73498925
1.81095598	2.04801123	1.9326746	1.70243935	1.85017104	1.41907022	1.91445955
0.71901219	0.87881173	0.9528081	0.15568662	1.00E-04	0.26001877	0.44217066
1.00E-04	0.02229353	0.03424115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4714691	0.67215121	0.58404914	1.00E-04	1.00E-04	0.30851471	0.13206744
1.00E-04	1.00E-04	0.02324666	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54408384	1.83433565	1.73955618	1.19489973	2.04513708	1.73850902	1.76392651
0.6405678	0.45925493	0.32950133	1.00E-04	1.00E-04	0.34637207	0.22089608
0.02943835	0.06149064	0.13085184	1.00E-04	1.00E-04	0.2002083	0.25043263
0.01989636	0.03680565	0.02849612	0.18909814	1.00E-04	1.00E-04	1.00E-04
0.16661953	0.00869772	0.05675487	1.00E-04	1.00E-04	0.09390207	1.00E-04
2.29342236	3.22019442	3.1328465	0.41234562	1.13933408	2.00448545	1.97601847
0.3090024	0.20125941	0.23226147	0.40381448	0.12116122	0.1641298	0.222818
1.00E-04	0.00981509	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00448985	0.01104615	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.59651671	2.02441641	2.00986849	0.87181567	1.16179516	1.53128911	1.5027613
1.16130873	1.06746063	0.97722099	0.23014875	1.10970557	1.30134472	0.99975315
0.13999581	0.14292781	0.12034729	1.00E-04	1.00E-04	1.00E-04	0.24835597
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04364884	0.03172423	1.00E-04	1.00E-04	0.14189232	0.05518396
0.98976513	0.87277675	0.85751458	0.24416224	0.22346301	0.34544494	0.0775766
0.11754056	0.3533977	0.262583	1.00E-04	1.00E-04	0.10393372	0.0538461
0.80363883	1.3795646	1.30900364	0.38518843	0.55002815	0.83032072	1.06166028
0.04720256	0.05135986	0.04632072	1.00E-04	0.45498612	0.09423617	0.07151154
1.00E-04	0.00616555	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15593853	0.23280209	0.27216993	0.2258741	0.32590804	0.61571524	0.33269968

0.81432058	1.14359272	0.87184092	1.00E-04	0.12612354	0.26102447	0.33296332
0.16552369	0.03407717	0.02875617	1.00E-04	1.00E-04	0.16701808	0.07824714
0.3736843	0.49217548	0.60998806	1.00E-04	1.00E-04	0.18281744	0.18818168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21309907	0.11597708	0.06009244	0.4824914	0.83428057	0.2138639	0.56186499
1.45515378	1.07767274	1.02531518	0.31762369	1.00E-04	0.04887007	1.00E-04
0.04649735	0.18555764	0.19175724	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9206657	1.15135106	0.95734331	0.22650484	0.61199559	0.4231978	0.74083858
0.70567876	0.71072794	0.98134736	0.49448344	0.76443106	1.26904898	1.11064856
0.94967319	1.49850573	1.4258665	0.81300611	0.91629295	1.1133466	1.18961072
1.63661884	1.55493322	1.81753267	1.00E-04	2.45460163	2.88164823	2.94155893
0.15988706	0.14833602	0.07924218	1.00E-04	0.09731828	0.26577935	1.00E-04
0.07569346	0.02776965	0.00540297	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02037782	0.03843916	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02554924	0.03459588	1.00E-04	0.174227	1.00E-04	1.00E-04
0.18089073	0.34191031	0.37058293	1.00E-04	1.00E-04	0.31393292	0.23735138
5.16886967	5.68220831	5.55921501	2.52477985	3.25060394	4.15194258	4.14512285
0.06188313	0.02735911	0.03405336	0.08380203	0.2530925	0.32128844	0.09167911
1.00E-04	0.17959779	0.1224021	0.09566338	1.00E-04	0.29424055	0.13882011
0.06517538	0.0649264	0.10965464	1.00E-04	1.00E-04	0.05123206	0.14846378
0.0234214	0.05240449	0.05373322	0.48161206	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03242408	1.00E-04	0.17369683	0.25850837	0.47204891
1.00E-04	0.01900656	0.03928307	0.61620463	0.13021627	0.08418602	0.10254668
0.13440303	0.27045427	0.21367762	1.00E-04	1.00E-04	0.04257208	1.00E-04
0.38018023	0.15672716	0.18328586	0.50764937	0.68867783	0.52796188	0.28724194
0.06566749	0.05077976	0.07388831	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00690039	0.01741239	1.00E-04	1.00E-04	0.01745835	0.12748082
0.49508168	0.52606466	0.55107954	1.00E-04	0.34145035	0.21193017	0.51269117
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62581377	0.70128192	0.54608094	0.24342898	1.00E-04	0.37948555	0.29352782
0.14423359	0.03021451	0.10397195	0.38418342	0.39102279	0.54600791	0.32708664
5.80935146	5.32548394	5.48147264	6.77715359	7.02280835	7.19339873	7.11365387
1.00E-04	0.08082349	0.0818413	1.00E-04	0.43803464	0.47935768	0.27966458
0.18095126	0.29056021	0.27018974	0.06245449	1.00E-04	0.39504396	0.05946802
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28523658	0.38521821	0.27458326	1.00E-04	0.24471011	0.08717192	0.16271764
3.33261193	3.08843338	3.17824279	2.89770565	3.29878428	4.03440631	4.1970608
0.36543227	0.19420352	0.2955213	0.44256241	0.43934188	0.14691042	0.26343092
0.59274526	0.9623448	0.85852715	1.00E-04	0.10558522	0.34713126	1.00E-04
0.02320225	0.06640876	0.08326813	1.00E-04	1.05143487	0.52095702	0.53462077
1.00E-04	0.01352496	0.04862032	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.33661718	0.56640079	0.72293257	4.66375909	4.64635596	4.83291679	4.99486998
0.33436523	0.04703574	0.04811563	0.25226845	0.61890114	0.44465268	0.39439024
0.20606006	0.36490328	0.55247475	0.85462639	1.08218047	0.95870961	0.7290114
0.54125098	0.55499276	0.61977016	1.00E-04	0.2090401	0.26263595	0.29572567
0.36536159	0.25194828	0.47414327	1.00E-04	0.37810238	0.05185586	0.10646411
0.20581372	0.15675346	0.29232259	0.24672226	0.50945606	0.30119076	0.7019408
0.07421309	0.05298679	0.00694824	1.00E-04	0.6856524	1.00E-04	0.27925547
1.53787259	1.28435832	1.46370123	0.76286084	0.85034161	1.15988402	1.05905425
0.54668995	0.88192686	0.69066849	0.13053062	1.00E-04	0.47055177	0.54527014
1.00E-04	0.07143539	0.06524961	1.00E-04	0.34870405	0.28047578	0.4484115
1.00E-04	0.01191512	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61414711	1.69623404	1.700944	0.34630126	0.52026853	1.05127115	0.94393914
3.11302637	2.71083271	2.92482967	3.94677267	4.08460166	4.08847909	4.14275813
0.58632802	0.09776957	0.10935292	1.03188829	1.56693939	1.5685086	1.53379829
0.39467298	0.49855216	0.41865399	1.00E-04	1.00E-04	0.20721201	0.09881425
0.23180959	0.35512009	0.22939019	0.25411524	0.23269207	0.39384521	0.24438585
0.95096327	0.51978292	0.97707516	0.13153911	0.48105608	0.11951986	0.43162769
0.30065432	0.1325239	0.17165794	0.63817447	0.63229682	0.29321732	0.57662783
0.94759988	1.23289311	1.14268759	0.23982808	0.12690053	0.47003738	0.4080108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0243574	0.01774768	0.18846433	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07650997	0.04999378	0.01999245	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03518268	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08400976	0.17348628	0.15417065	0.39292018	1.00E-04	0.0789715	1.00E-04
1.25866139	1.68878627	1.65213117	0.32900318	0.5129172	0.96847015	1.11027881
1.00E-04	0.00498899	0.01108539	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3766299	2.90341816	2.82055832	1.58322951	1.53532973	1.88752576	2.38289911
0.07021787	0.17485431	0.15018969	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17619374	0.13601129	0.13151654	1.00E-04	1.00E-04	0.0509584	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08044023	0.15195449	0.12581298	1.00E-04	1.00E-04	1.00E-04	0.11490082
0.60998647	1.09365308	0.98023156	1.00E-04	0.03960299	0.43561762	0.70215608
1.00E-04	0.02967764	0.09287249	1.00E-04	0.11210008	1.00E-04	1.00E-04
0.02015898	0.1546636	0.07449944	1.00E-04	0.11667632	0.10856843	1.00E-04
1.00E-04	1.00E-04	0.00571564	1.00E-04	1.00E-04	1.00E-04	0.04015628
0.29555984	0.36483477	0.30059245	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20998179	0.30204174	0.31446374	0.21099387	1.00E-04	0.06687784	0.09387347
1.00E-04	1.00E-04	1.00E-04	0.26230954	0.18339105	0.37359495	0.26078883
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03282092	0.03648147	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.11930379	0.35705112	0.41900153	0.27628075	0.34653071	0.43501379	0.51661754
1.00E-04	0.02813723	0.02397514	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94476848	1.63042658	1.42720345	0.15538904	0.2421301	0.78160947	0.64426805
3.84181276	4.414695	4.40129165	2.73156073	2.5723756	3.38568896	3.28752329
1.00E-04	1.00E-04	0.00799504	0.55427457	0.14134005	1.00E-04	0.188383
0.92296586	1.1727183	1.05400337	0.21339806	0.20260313	0.46358535	0.22285069
0.1508775	0.01892947	1.00E-04	1.00E-04	1.00E-04	0.20425546	1.00E-04
0.85418764	0.73176963	0.84014161	1.00E-04	0.45619267	1.25723955	1.17010489
1.00E-04	0.02532563	0.11861231	1.00E-04	0.20231563	0.18465444	1.00E-04
1.00E-04	1.00E-04	0.00702575	0.43668932	0.16953552	0.32276981	0.1234221
0.59326472	0.4218172	0.47004809	0.52400405	0.44326201	0.20604059	0.4518208
0.08183155	0.12414825	0.04934264	1.00E-04	0.1337102	0.30184856	0.31515824
0.37968867	0.39760968	0.47641801	1.2435127	1.25468667	1.57489218	2.01031666
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.01787061
0.54429469	0.78105841	0.53318656	1.00E-04	1.12889447	1.35515275	1.06260667
0.07182563	0.02539048	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12766536
0.03930215	0.27953067	0.18780077	1.00E-04	1.00E-04	0.17356288	0.08053176
0.06516624	1.00E-04	0.00444301	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.78241619	1.89306691	2.02416299	1.07340996	1.171384	0.92590429	1.29318819
0.68222304	0.83156745	0.93658495	0.16502854	0.22411257	0.42419504	0.33962867
0.05638412	0.12281152	0.08551627	1.00E-04	1.00E-04	1.00E-04	0.17782666
3.2772273	2.88693204	3.17109713	3.8399545	4.04379137	4.03280154	4.0124298
6.59905087	5.78907086	5.99296899	7.66904152	7.67229981	7.60670234	7.51958186
0.68439077	1.03298904	1.1507076	0.51377906	0.44866814	0.89233242	0.93473049
0.02704895	0.01522796	0.02172138	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05458293	0.01539932	0.04069371	0.21283837	1.00E-04	1.00E-04	0.05706554
0.55902801	0.37650133	0.52337215	1.33625411	1.52543066	1.54883132	1.12062646
0.79712034	0.58178715	0.57925756	1.59419407	1.54341559	1.14678244	1.4766336
0.08605259	0.13144769	0.17562686	1.00E-04	0.07708283	0.17107264	0.25731044
1.00E-04	1.00E-04	0.00548609	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05018438	0.006386	1.00E-04	1.00E-04	0.13497361	1.00E-04	1.00E-04
2.54403793	3.29109321	3.15352521	1.05334922	1.00352353	2.34108367	2.23481364
0.64620818	0.86177627	0.50397018	0.26357792	1.34383781	1.6684592	0.97042598
0.2822026	0.44956734	0.39535229	0.63203553	0.54217305	0.59249297	0.66908469
0.88000683	1.35985939	1.34691382	1.00E-04	0.0301277	0.43459431	0.37670257
0.59103954	0.83315835	0.18438302	1.00E-04	1.00E-04	0.15033592	0.21548027
0.28354007	1.12697347	0.2109523	1.00E-04	1.36860975	2.36135192	0.65087937
1.50635409	1.8193561	1.85538256	0.56412289	1.13784617	1.85041909	1.68023099
0.02325841	0.08564949	0.03670577	0.29498553	1.00E-04	0.11568984	1.00E-04
0.21733559	0.28479334	0.30539282	1.00E-04	0.09825477	0.16639676	0.08239243
2.69910635	2.6961916	2.7551552	2.62883683	3.05334243	3.12267424	3.26311458

0.02328189	0.02247335	0.03141525	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25962068	0.08766964	0.05750432	1.00E-04	0.24895971	0.10882182	0.38000462
3.45412805	2.9183264	2.89392998	4.69793546	4.92473117	4.87256016	4.86766659
1.04231014	1.57936102	1.35029801	0.42116883	0.43141195	1.26866134	1.01125565
1.00E-04	0.00589584	0.02513509	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17511603	0.44490374	0.35513849	0.08724467	0.22369693	0.11245609	0.33782228
1.00E-04	0.00569356	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19894118	0.28329783	0.37470752	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70016125	2.00697549	2.04626946	1.08242068	1.28773027	2.18199755	2.32607431
0.02489545	0.07830596	0.06002371	1.00E-04	0.57706762	0.19344229	0.2371872
1.00E-04	0.02866121	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05436264	2.35335773	2.20307031	0.60123344	0.80404064	1.22396222	1.01057266
1.00E-04	0.00529501	1.00E-04	0.5760048	0.39620756	0.54092767	0.31120388
5.46316632	4.82484614	4.95718785	5.48471061	5.83834643	5.6998853	5.80185542
0.16682053	0.35995469	0.28347452	0.23753134	1.00E-04	0.04697393	0.43994642
0.02989244	0.04240218	0.0720358	1.00E-04	0.10008937	0.12128422	1.00E-04
1.00E-04	0.00550446	0.0087169	1.00E-04	1.00E-04	0.0855965	0.32887737
0.18439891	0.34184067	0.26932451	1.00E-04	1.00E-04	0.02798	1.00E-04
0.44367984	0.14716234	0.27394421	1.00E-04	0.12024358	1.00E-04	0.27196728
0.02967511	0.00891428	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28676167	0.21810689	0.19490348	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05424902	1.00E-04	0.01412919	0.1140431	0.1247757	0.10254744	1.00E-04
0.05604432	0.13455687	0.05488882	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.08411516	2.69703145	2.97806558	1.34451204	0.42921451	0.92513018	0.89710597
0.39761262	0.5511896	0.73956427	1.17821251	1.43258464	1.57798037	1.8005897
1.00E-04	0.01160418	0.03861956	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08569511	0.28348335	0.24021229	1.00E-04	1.00E-04	1.00E-04	0.08678789
0.04134574	1.00E-04	0.00361609	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05755292	0.05856012	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38062684	0.11171502	0.16971224	1.00E-04	0.21063141	1.00E-04	0.06178845
1.00E-04	1.00E-04	0.011034	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26725415	0.28494438	0.35136674	1.00E-04	0.15732758	0.05874005	0.00986315
0.04126201	0.34702315	0.34418961	1.00E-04	0.12512237	0.146561	1.00E-04
1.00E-04	0.01493673	0.03133644	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10426198	1.73329595	1.31273238	1.00E-04	1.00E-04	0.15458083	1.00E-04
0.02957995	0.00582256	0.02964156	1.00E-04	1.00E-04	1.00E-04	0.25137057
0.20978674	0.84980341	1.05757994	1.00E-04	1.00E-04	0.04770681	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34449658	0.64435292	0.51352675	1.00E-04	1.21459423	1.53452319	1.29347245
0.33919536	0.49886906	0.58688012	0.14702188	0.57358566	0.51801716	0.69148096
0.10798083	0.24416658	0.27057707	0.2230448	0.07759876	0.08040972	0.08225804
2.57635867	2.14105177	2.46119609	3.29760705	3.64685423	3.31224804	3.70019422

0.02391443	0.01734255	1.00E-04	1.00E-04	1.00E-04	0.12425719	1.00E-04
1.07162582	1.31549557	1.29106987	1.00E-04	1.00E-04	0.34088848	0.53892592
0.11977108	0.15526647	0.17645357	1.08960947	0.25530508	0.35961767	0.3631519
0.18403737	0.15128368	0.19875449	1.00E-04	1.00E-04	0.01698474	0.07693422
0.11448548	0.25980434	0.20924848	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19560565	0.20954404	0.24857515	1.00E-04	1.00E-04	1.00E-04	0.14840129
0.91943712	1.47963143	1.37119548	0.12202459	0.10921597	0.29834412	0.69802033
1.00E-04	0.03281857	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0144199	0.05500718	1.00E-04	1.00E-04	1.00E-04	0.188383
0.09511547	0.16156052	0.08038164	1.00E-04	1.00E-04	0.05968085	1.00E-04
0.48833199	0.32483566	0.39509271	1.00E-04	0.80202761	1.09579682	0.92341885
1.00E-04	0.04668647	0.0260213	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64312527	0.62298696	0.26763436	1.00E-04	0.0836356	0.23086744	0.11071865
0.15623354	0.17399029	0.1797651	1.00E-04	0.02682968	0.26781276	0.20758777
2.18646991	2.05405178	2.22879013	2.46377155	2.37510826	2.65227847	2.95108154
1.00E-04	0.28695912	0.19076965	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06472577	0.06141639	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02058076	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03312575	0.01230513	0.06198022	0.37249879	0.27445115	0.76632588	1.12970246
1.00E-04	0.01691706	0.02097351	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04717842	0.05192728	0.13722241	1.00E-04	0.07797963	0.0714768	0.35738584
3.23378753	3.16143442	3.37475606	2.86317724	3.33718012	3.61073863	3.51138644
2.54482691	3.12819137	3.0128148	1.58072842	1.93205679	2.22645695	2.52237853
0.53746047	0.25250258	0.34814951	0.75318709	1.25935836	0.61685622	0.33864434
1.957114	2.22444915	1.64951277	1.00E-04	0.7302923	0.69581259	0.23373627
0.09007294	0.0479499	0.06473915	0.32764661	0.53632475	0.25788729	0.22461261
0.14193535	0.03517113	0.04474667	1.00E-04	1.00E-04	0.03961639	0.27143538
0.78943377	1.50183132	1.42438462	0.25634565	0.31913856	0.69875656	1.11519414
0.29167001	0.4822474	0.52894864	0.27249823	0.41481876	0.73228837	0.57670619
0.56558347	0.89969639	0.8103845	0.52561579	0.30693184	0.70265244	0.80127221
0.50158092	0.29525864	0.19945823	1.00E-04	0.89436901	0.32920917	0.12897233
0.24833249	0.08775493	0.08846439	1.00E-04	1.00E-04	0.03498011	1.00E-04
0.65157122	0.50579357	0.63439455	0.13050735	0.24327569	0.09460627	1.00E-04
1.00E-04	0.01692253	0.01501835	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08675649	0.20370868	0.26315575	1.00E-04	1.00E-04	0.27118661	0.12944562
1.00E-04	1.00E-04	0.00655541	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39017897	0.707539	0.78179404	0.15976636	0.38223758	0.229821	0.44588917
2.40786773	2.68456665	2.68268365	1.03690593	1.19685156	1.42830487	1.8075804
0.17800191	0.09195798	0.17021242	0.33125217	1.00E-04	0.31147949	0.5519745
0.02032958	0.03278073	0.01254509	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.96543695	2.68162	2.81449931	3.01030997	3.15673476	2.93634772	2.98703267
0.5859983	0.40713335	0.82275233	0.75949452	1.01516939	1.13826555	1.29843044

0.04344929	0.0400075	0.00481936	1.00E-04	1.00E-04	0.0511771	0.09628047
1.00E-04	0.00825012	0.00687758	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13474853	0.24121639	0.23083301	1.00E-04	1.00E-04	0.09439977	0.219552
1.00E-04	0.01078095	0.01270649	1.00E-04	0.09536892	0.17739419	0.53833772
3.70708389	4.02308415	3.77660183	2.32750675	2.82518688	3.01185732	2.95182888
0.18485599	0.09461163	0.0732463	0.67783554	0.24021338	0.13131182	0.15051035
1.42358806	1.99743513	1.96005071	0.18604675	0.23684591	1.10168574	0.85973552
1.00E-04	1.00E-04	0.01579002	0.22301073	0.61109132	0.42405698	0.5017248
0.02468625	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05714972	0.05931401	0.08400379	0.71720702	1.23186388	1.6685341
1.23560344	0.75206537	1.21282033	0.72311646	1.12541443	0.54464727	0.93957355
0.59687199	0.66303072	0.56039531	1.00E-04	1.00E-04	0.24684241	0.17375329
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00658625	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3735399	1.59713591	1.59312243	0.34994691	0.19028227	0.3179553	0.65214044
0.0949753	0.09285776	0.13741967	1.00E-04	1.00E-04	0.04659765	0.11664819
3.454622	3.04444538	3.39948529	3.68668188	4.49945635	4.70060525	4.81121974
1.30104467	1.95891566	1.78390316	0.63678957	0.94650853	1.37825546	1.31628322
1.00E-04	0.01287883	0.02148374	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.85673136	1.40684828	1.83247078	2.07490783	2.53431021	1.93482409	1.96730261
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35271011	0.48071927	0.27626077
0.01374782	0.01345163	0.04637511	0.3187942	1.00E-04	0.11837339	1.00E-04
1.00E-04	0.0046636	1.00E-04	1.00E-04	1.00E-04	0.15314434	1.00E-04
0.011788	0.23834058	0.1287014	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02625446	0.01295779	0.01837795	1.00E-04	1.00E-04	0.03574546	0.21032863
0.47874891	0.75282054	0.75193256	1.00E-04	1.00E-04	0.26563777	0.32442832
0.49372208	0.51808696	0.44344228	0.08628909	0.5931223	0.66747773	0.49404599
0.33061688	0.35014114	0.33730604	1.00E-04	0.06259662	0.0609468	0.07285431
1.00E-04	0.01729979	0.06412979	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08483694	0.1727883	0.14030753	1.00E-04	0.20376137	0.07941869	0.27716042
1.10376312	1.34636527	1.15675079	0.43798112	0.13931799	0.5767269	0.90135352
1.00E-04	0.15487259	0.12518973	1.00E-04	1.00E-04	0.03720632	1.00E-04
1.00E-04	0.01217061	0.00950115	1.00E-04	0.09094164	0.25161208	0.33832931
1.00E-04	0.00480942	0.04900982	0.20352824	0.15305497	1.00E-04	0.32103203
0.49532013	0.78170766	0.69991599	1.00E-04	0.16676229	0.10696578	0.01875595
2.59611581	2.20309273	2.23950844	3.45883521	3.711822	3.39057155	3.34485725
0.07232568	0.10266061	0.11669375	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.65064482	2.26871986	2.49051608	2.64118513	2.82326727	2.89144941	3.14471421
0.21820475	0.33457008	0.21830068	1.00E-04	1.00E-04	0.12221745	0.31982708
0.72253195	1.01347718	0.84625538	1.00E-04	0.41096009	0.34703789	0.24478807
1.00E-04	0.0659801	0.07434175	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00675948	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02055161	0.02032418	1.00E-04	1.00E-04	0.0603606	0.181866

0.64281266	0.96744153	0.84193892	0.21020451	0.10483658	0.28634649	0.18917877
1.68615692	1.44711841	1.71413219	1.1678094	2.08411431	1.86472223	2.05127827
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89268533	0.93088417	0.80187654	0.08256498	0.50381344	0.07939195	0.72395202
1.00E-04	0.02212399	0.02760162	1.00E-04	0.51480888	0.72359533	0.85231205
0.06646645	0.19683233	0.18560303	1.00E-04	1.00E-04	0.110538	0.31873879
2.80047674	2.545916	2.7568594	3.60208785	3.975884	3.98753594	4.21924616
0.0410221	0.02880059	0.04365862	1.00E-04	1.00E-04	0.04392045	1.00E-04
0.34057122	0.50857671	0.35459538	0.33505112	0.09046211	0.35104945	0.39831618
0.05413109	0.1113849	0.16573994	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62605821	2.27662606	2.66448492	2.74712664	2.91849755	2.84659981	2.92702744
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2032086	0.20956955	0.2854746	1.00E-04	0.07109177	0.32871992	0.76839131
1.75114659	1.75981923	2.11139284	6.1658996	6.47840592	6.39888397	6.46432132
1.70616834	1.48840186	1.74939184	3.50833363	3.61283439	4.20697445	4.23364437
0.11956834	0.12999781	0.1144905	1.57237595	1.61257326	1.82857693	1.88371897
0.17835227	0.34394514	0.24000394	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52509229	0.05582936	0.06116186	1.00E-04	0.58076673	0.31016248	0.2293725
1.79427391	2.11693952	1.6660919	0.49278251	1.03272056	1.15398617	0.99098912
1.00E-04	1.00E-04	0.01337236	1.00E-04	0.29665592	0.09030908	0.57965415
0.17675112	0.06543431	0.09039931	0.48204718	0.78066636	0.40209385	0.33106025
1.00E-04	0.00899894	0.01134838	1.00E-04	1.00E-04	1.00E-04	0.45991489
5.10978478	4.70949493	4.80107397	5.00147274	5.4519933	5.32908307	5.40116738
0.15524197	0.09485286	0.1063176	0.13050735	1.00E-04	1.00E-04	0.29369418
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34150727	1.00E-04
1.04116828	1.48778432	1.4322249	0.23360915	1.00E-04	0.33260589	0.40223034
1.00E-04	0.05256897	0.22530661	1.00E-04	1.00E-04	1.00E-04	0.05824201
0.24872877	0.38256747	0.38060269	0.41983091	0.33005029	0.36643214	0.39474906
0.02261633	0.0685841	0.09649418	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06618894	0.0785593	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01210586	0.01131378	1.00E-04	1.00E-04	0.24199953	1.00E-04
0.04878548	0.01103147	0.01335182	1.00E-04	0.0787527	1.00E-04	0.09531844
0.02571721	0.01943771	0.05583993	1.00E-04	0.09255087	0.04406199	0.2786531
1.00E-04	0.08584228	0.11342822	1.00E-04	1.00E-04	0.1385691	0.11030334
3.34983094	3.03590401	3.29875203	3.76915487	4.09248928	4.02106569	3.94281223
0.5731377	0.73435701	0.71732157	1.00E-04	0.17623532	0.1298794	0.43124961
0.50051564	0.55255289	0.56983337	0.06245449	0.29311066	0.29615432	0.19060829
0.37730704	0.7796907	0.67031653	1.00E-04	1.00E-04	0.5053579	0.41348892
0.08222067	0.08608902	0.08674806	1.00E-04	0.42255899	0.28102112	0.07750848
1.9972223	2.00388048	2.06397514	2.2438619	2.29049227	2.13836772	2.58711601
1.00E-04	1.00E-04	0.01085573	1.00E-04	0.4149464	0.32707721	0.34802865
0.12710364	0.11219117	0.16318382	1.00E-04	0.19427505	0.05743847	0.11668676
0.59726893	0.54029405	0.52895166	0.3559932	1.00E-04	0.11670981	0.17681755

0.26347483	0.08234607	0.13045875	1.00E-04	0.04956045	0.23645168	1.00E-04
1.07405894	1.52754971	1.77660518	0.69738962	1.00597984	1.35993274	1.90404359
2.92967287	3.39013295	3.23293663	1.05144198	1.01843193	2.1177103	1.58196473
0.02837872	0.04012432	0.04029115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05886407	0.01365676	0.04562154	0.25917356	0.14078277	0.12569243	0.24182396
0.05122285	0.01313314	0.02276019	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30506716	0.27637902	0.33798874	1.00E-04	0.1624601	0.06973323	0.1525097
3.25572007	2.68935449	2.83640417	3.51945244	3.47359041	3.43225233	3.2634374
2.41687407	1.83144419	2.05250621	3.22921915	3.47433254	3.12695587	3.31875339
1.00E-04	0.00534725	0.00882788	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0747498	1.00E-04
0.67641443	0.34151893	0.26767445	0.3643552	1.16243157	0.75447803	0.66699784
0.59770913	0.58724761	0.43376987	0.2969362	0.19679497	0.85565388	1.095785
0.04206136	0.01191156	0.0052761	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02548581	0.06827161	1.00E-04	1.00E-04	1.00E-04	0.11426824
2.4866276	2.34096285	2.31040896	2.36252353	2.40360769	2.4424271	2.37280002
0.66523245	0.27162807	0.34844207	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07377721	0.017035	0.02942709	0.15225267	0.3092593	0.133074	0.07190475
3.10034036	3.71878365	3.78316846	1.6078585	1.90721252	2.48611917	2.57719916
1.00E-04	0.00527163	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09714432	0.05483307	0.03698991	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25542184	0.4586557	0.30843717	1.00E-04	1.00E-04	0.11024511	0.073984
2.36972339	3.11039362	2.97930919	1.47497341	1.40307521	1.99594472	2.19651236
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04278807	0.01795685	0.02744102	1.00E-04	0.31594798	0.15063297	0.11750283
0.02297343	0.04732931	0.04820284	1.00E-04	1.00E-04	0.12048689	1.00E-04
1.00E-04	0.03741302	0.04778818	0.5551839	0.31312266	1.08694771	1.03875552
1.10271289	0.58546744	0.17085675	1.14902746	2.77525657	2.06389852	1.67148419
0.49696697	0.19329508	0.22868368	1.00E-04	0.52910465	0.58591558	0.12973127
0.11447717	0.007843	0.01101955	1.00E-04	1.00E-04	0.11540968	1.00E-04
0.20789372	0.19553276	0.21725163	0.12245313	0.48241065	0.49684977	0.40642508
2.61511507	2.22210603	2.36788931	3.38365485	3.7210991	3.72835192	3.71194655
1.21522283	1.58761431	1.66381967	0.71025189	0.76129084	0.82155776	0.50778907
1.00E-04	0.26165594	0.19332521	1.00E-04	1.00E-04	1.00E-04	0.11141783
0.14408288	1.00E-04	1.00E-04	0.20455396	1.00E-04	1.00E-04	1.00E-04
2.90011672	2.62464531	2.74452347	2.63096369	2.42826952	2.33019634	2.5111788
0.15247705	0.19867331	0.27592016	1.00E-04	0.26646404	0.30654757	0.17031306
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39994564	0.24507231	0.39443323	0.37862109	0.56785278	0.72663459	0.62345125
0.86125136	0.8569397	0.87170538	0.89808473	1.17886995	1.11210334	1.50636493
1.00E-04	0.004317	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01494031	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.088533	0.01009319	0.01443103	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.04493342	0.87138806	1.05297461	0.53446589	1.38639221	1.24002028	1.56992976
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75103126	1.21703172	1.49142356	1.9416971	2.25382205	2.23473361	2.44568376
2.5418933	2.65174029	2.62629497	2.26608119	2.58653181	2.78736873	2.71271681
0.08624289	0.01364802	1.00E-04	1.00E-04	0.17594558	1.00E-04	1.00E-04
1.23042996	1.24579661	1.45585033	1.14882439	1.56206864	1.6312864	1.70417262
0.81472908	0.91151555	0.75576182	1.00E-04	1.00E-04	0.33525253	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03640488	0.01056522	1.00E-04	1.00E-04	0.04218805	1.00E-04
0.31556472	0.21082754	0.23836807	1.00E-04	1.00E-04	1.00E-04	0.01875595
0.06919133	0.09869468	0.05852843	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.23115221	7.26804116	7.12861092	4.5880784	4.76199667	5.88609777	6.02268833
4.81672343	4.25350835	4.37984846	4.71477706	4.98741832	4.82943941	4.90255544
4.15201725	4.70066464	4.67218044	1.68564545	2.08562606	3.09314745	2.84537987
0.74353669	1.00501722	1.03294912	0.52302411	0.83516536	0.77426356	1.23289848
0.37796348	0.33214617	0.3131839	1.00E-04	0.15354876	0.08736359	0.10186591
1.76271895	1.42530112	1.68272117	0.1462287	0.30792183	0.33100016	0.39121401
0.37180264	0.62649116	0.57264819	1.00E-04	1.00E-04	0.33334813	0.3623635
1.83995741	0.9653962	1.06295495	1.00E-04	0.10317177	0.0545406	1.00E-04
1.00E-04	1.00E-04	0.00402394	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.124869	0.07161613	0.03279984	0.1367484	0.03155429	0.15650681	0.22954062
1.00E-04	1.00E-04	0.01802512	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.36270899	4.77381006	4.92473995	5.33086119	5.55146124	5.60543392	5.60495553
0.04867509	0.12100373	0.04583109	1.00E-04	1.00E-04	0.01973298	1.00E-04
1.00E-04	1.00E-04	0.00685012	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05366941	0.19725979	0.20558043	1.00E-04	1.00E-04	1.00E-04	0.16740559
0.13716389	0.0658278	0.15961257	1.00E-04	0.20212442	0.15302169	0.16423411
0.87701766	1.40802925	1.34201366	1.00E-04	0.6019819	0.91711961	1.05286423
0.03521355	0.0260483	0.03461071	1.00E-04	1.00E-04	0.0462722	1.00E-04
0.39344275	0.4802092	0.47278111	0.25165239	0.57357315	0.78735564	0.88622156
1.00E-04	0.06548296	0.05500351	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05983437	0.01401233	0.04252492	1.00E-04	1.00E-04	0.15182079	1.00E-04
4.27411035	4.38323031	3.83582819	2.64624816	3.03372509	3.40782465	2.89001846
1.00E-04	0.01040586	0.00649586	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.09457588	0.04238907	0.15568662	1.00E-04	1.00E-04	1.00E-04
0.60338643	0.44961021	0.50489142	0.26000545	0.25222126	0.66839702	0.25401753
1.00E-04	0.01777139	0.00653295	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12247991	0.17217212	0.07954246	1.00E-04	1.00E-04	0.03837972	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06950055	0.08292923	1.00E-04	1.00E-04	0.22979514	0.51709828
1.00E-04	0.03327259	0.01352674	1.00E-04	1.00E-04	1.00E-04	0.1413235
0.20276897	0.22160397	0.31733323	1.00E-04	0.13801666	0.10941057	0.10160198

1.00E-04	0.02459355	0.00544001	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00661468	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02215813	1.00E-04	1.00E-04	1.00E-04	0.15620362	1.00E-04
1.00E-04	0.01257297	0.01910369	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91734936	1.03525487	1.03935157	1.00E-04	0.2139562	0.44417225	0.30001579
2.01299227	2.7170846	2.50148061	1.2967492	1.46790622	1.58717746	1.71482731
1.00E-04	0.03502369	0.0565355	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35956602	0.85255728	1.0696604	2.46908	2.31575542	2.33964912	2.6501163
0.07227627	0.19055868	0.35033339	1.00E-04	0.46875964	0.71484115	1.28890088
0.17687806	0.09908934	0.06320134	1.00E-04	0.18216037	0.08644038	1.00E-04
1.34623532	1.31431258	1.38407308	1.6174814	1.95928245	1.71963301	2.12899284
0.04291947	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27535202	1.30638645	1.39777664	0.38517962	0.96717038	0.88809428	1.03858258
0.03866945	0.10488161	0.09013405	1.00E-04	0.33240529	0.35564385	0.35137181
1.00E-04	0.02133043	0.04866327	0.09783529	0.09537049	0.14802133	1.00E-04
0.07397662	0.16238046	0.10996294	1.00E-04	0.10089001	0.10701382	1.00E-04
0.19596032	0.05801248	0.0743122	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44389977	0.33774083	0.30480946	1.76350413	0.48803007	0.66481954	0.38505053
0.16169702	0.12545098	0.21852294	1.00E-04	0.16111545	0.11722657	0.75600596
0.67131244	1.27546642	1.26624578	0.09754868	1.00E-04	0.2781192	0.39928662
1.00E-04	0.01290219	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77520483	2.11646771	1.9297672	0.57176718	0.63666336	0.95229593	0.87574163
1.00E-04	1.00E-04	0.02286148	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07156449	0.02716973	0.03654884	1.00E-04	0.09916358	0.09852062	1.00E-04
1.00E-04	0.03968404	0.0665418	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01167749	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74806026	0.42004569	0.5478785	1.86699515	2.48710815	2.20707864	1.64374285
0.02934656	0.03152807	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.016257	0.00902283	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20648253	0.13143602	0.14589337	1.00E-04	0.20164797	0.48695094	0.9202857
0.13281585	0.08556899	0.10999546	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.46736257	4.15031091	4.36827817	5.42453754	5.63637615	5.63218555	5.60072274
0.16960036	0.27767163	0.30624354	1.00E-04	1.00E-04	0.06463025	0.18484847
1.00E-04	0.09185191	0.02168382	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01934883	0.09111463	0.11499605	1.00E-04	1.00E-04	1.00E-04	0.06301233
1.00E-04	1.00E-04	0.00743035	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.77621919	2.59427588	2.76553723	2.68338137	3.17176572	3.5456199	3.64328276
0.03703606	1.00E-04	0.00521181	1.00E-04	1.00E-04	1.00E-04	0.21553764
4.28032621	4.60261136	4.50289357	3.21022513	3.4311976	3.5905438	3.63699561
0.02887259	0.0058035	0.01082577	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05026948	0.00960398	0.05611627	1.00E-04	1.00E-04	0.32348769	1.00E-04
0.56239924	1.35404985	1.3080703	1.00E-04	0.15223902	0.08085328	0.32298388
1.00E-04	0.00569565	0.00642623	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.11624336	0.09826485	0.15181321	1.00E-04	0.10597666	0.07672804	0.15581261
0.07491805	0.07367934	0.10802103	0.15231606	0.42054926	0.90113831	0.90723947
0.53829751	0.21733759	0.22004345	0.45085669	0.09021474	0.35257791	0.40325348
0.60358027	0.30627936	0.51377724	1.00E-04	0.20337381	0.15779869	0.10174844
1.00E-04	0.06490522	0.05564372	0.20611213	1.00E-04	0.39866461	0.30880901
0.05619215	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72027373	1.14868609	1.08537092	1.00E-04	0.15289108	0.52190314	0.48101607
0.45482086	0.18728627	0.28010527	0.33350227	0.81180598	0.59265776	0.58645825
2.57716448	1.85345548	2.12692847	1.85076331	2.83239211	2.30441639	2.31139094
1.69440556	1.29779426	1.39161233	0.26028394	1.00E-04	0.1969842	0.46517956
0.56121987	0.60103144	0.70446022	0.20015921	1.52717106	1.39207765	1.49078402
1.00E-04	0.01057101	1.00E-04	0.37468204	0.38350826	0.50201408	0.15776522
0.28044314	0.17018102	0.16978004	0.17189341	0.10374589	0.07579706	0.23014147
1.00E-04	0.00467326	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18413741	0.15434585	0.13327279	0.54752927	0.57385489	0.55697401	0.66531759
0.06566006	0.15773536	0.26131671	0.39512435	0.1040985	0.15001431	0.12570909
1.75405249	1.53805232	1.67608884	1.7559375	1.87266238	1.77715302	1.88709907
1.03014348	0.83134157	0.77130344	0.99253683	1.93470452	1.71811189	2.01070844
1.00E-04	1.00E-04	0.01020303	1.00E-04	0.21360658	1.00E-04	0.12063666
1.59012501	1.63555715	1.70651205	0.70361769	1.7954072	1.87533116	1.95359859
1.00E-04	0.00805001	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07005482	0.0126833	0.01030025	1.00E-04	1.00E-04	0.06386862	1.00E-04
0.08575725	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32121794	0.20433411	0.18770576	1.00E-04	0.12857555	0.08442451	1.00E-04
1.22694068	2.00612027	1.89939749	0.15162171	0.05145306	0.88596691	1.39231478
0.23942918	0.20172785	0.20230578	1.00E-04	0.19449682	0.06813912	1.00E-04
0.65005739	0.90929432	0.91370859	1.00E-04	1.00E-04	0.22479457	0.33684057
0.08195319	0.13998307	0.11156858	1.00E-04	1.00E-04	0.08807365	1.00E-04
0.54042339	1.13683944	1.02673626	1.00E-04	0.0787527	0.49542246	0.66305589
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32476705	0.32836726	0.31256701	0.08791466	0.11667632	0.45103266	0.18530054
1.00E-04	0.00971751	0.0058721	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01887283	0.02724585	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23140166	0.1292487	0.21625834	0.14529967	1.00E-04	0.18013591	0.35735879
0.02034661	0.00444547	1.00E-04	1.00E-04	0.14799476	1.00E-04	1.00E-04
0.06395465	0.03828521	0.03501766	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00627971	0.02575162	1.00E-04	1.00E-04	0.1923482	0.31833659
0.95940348	1.0902469	1.27448267	0.13213265	0.28664593	0.29632953	0.41268548
0.02119268	0.03928598	0.03112428	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88796174	1.30631964	1.14863231	0.26715255	1.00E-04	0.79028866	1.10436449
1.00E-04	0.01978858	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.45787659	2.53030558	2.67444479	2.48929116	2.86539399	2.74736886	2.87614581
4.28204857	4.15065214	3.98145691	2.77638759	3.13628529	3.09293427	3.15655452

0.20238673	0.04465153	0.06846478	0.16432416	0.45031804	0.42801881	0.23309211
0.80935043	0.66393059	0.7481325	0.41610737	1.38981541	1.76461662	1.53604245
3.29394422	3.26135537	3.31689482	2.87421489	3.38297009	3.2994945	3.48467189
1.00E-04	0.00841643	0.01394985	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1633052	0.09661593	0.14979486	1.00E-04	0.19819491	0.17065888	0.69499164
1.58886007	1.79717317	1.80735486	1.87014624	2.08929885	1.76422175	2.14019811
1.00E-04	1.00E-04	0.01496908	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07824663	0.06226904	0.01581419	1.00E-04	0.08440915	0.14917	0.09141793
1.00E-04	0.0316283	0.0376817	1.00E-04	1.00E-04	0.03105445	0.0780051
4.70463373	4.61451626	4.79415558	2.66334009	3.49536129	3.33565246	3.43076179
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40890104	0.196252	0.1521726	0.39684744	0.34026875	0.14849908	0.76070519
0.64219679	0.35367881	0.37679172	0.93062297	1.18023741	0.74153689	0.85079723
5.05667408	5.70374288	5.53935422	2.68908128	3.24425302	4.21991454	3.96158642
3.10880969	3.82424541	3.59817164	1.47749708	1.49165243	2.2047616	2.50264548
1.00E-04	0.08405008	0.08220716	1.00E-04	1.00E-04	0.25551393	1.00E-04
0.05094331	0.19241483	0.17551285	1.00E-04	1.00E-04	0.07824584	0.06428568
0.13691225	0.05903241	0.08970077	1.00E-04	0.32987375	0.54545263	0.58540101
1.00E-04	0.00795815	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.34037073	1.8759422	1.76752293	1.03937434	2.02210496	1.62451664	1.89760025
0.04235401	0.16400332	0.15211433	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67014354	0.5568916	0.11986722	0.15025186	0.74175856	0.26432113	0.65128547
1.61069205	1.52893174	1.54822543	2.46763862	2.35457501	2.41936418	2.63154472
1.00E-04	0.03167621	0.01715672	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00999839	0.01790493	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07113932	0.35118337	0.25503805	1.00E-04	1.00E-04	0.27979134	1.00E-04
1.34420337	1.1209601	0.99034923	1.08722962	1.06028793	1.28832287	0.70063778
0.03740856	0.05859165	0.08707363	1.00E-04	0.34432109	1.00E-04	0.07723718
1.52298819	2.96145822	2.84656901	1.78128451	1.89288708	2.4977808	2.61048046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39666602	0.72998861	0.7841539	0.16336997	0.21575355	0.54324149	0.85334885
0.21963658	0.27926206	0.21214673	1.00E-04	1.00E-04	1.00E-04	0.2524542
5.74178238	5.8764206	5.72388536	3.27070598	3.54681221	4.70591579	5.30950785
0.01403223	0.02226041	0.02400555	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09926332	0.2811954	0.21992966	1.00E-04	0.21342219	0.41886064	0.57785093
1.54323646	2.40757955	2.3940402	0.36727024	0.29033354	1.20528252	1.37978442
1.81661869	2.28864273	2.18877167	0.77779474	1.02253882	1.64425421	1.71984384
0.04886577	0.00243165	1.00E-04	1.00E-04	1.00E-04	0.18712768	0.2099522
0.84784074	0.76973256	0.96749885	1.25125517	1.58350459	2.06992775	1.88544805
0.20063488	0.42165672	0.41069316	0.22870474	1.00E-04	0.2284173	1.00E-04
0.21617305	0.84539423	0.68144431	0.16085536	1.00E-04	0.39426692	0.31351734
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02250707	0.06440113	0.08739966	1.00E-04	1.00E-04	0.13642604	1.00E-04

0.02020401	0.0570818	0.02669541	1.00E-04	1.00E-04	1.00E-04	0.08577567
0.08138293	0.14238227	0.11283088	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44948236	1.74282509	1.33816644	1.00E-04	0.25646498	0.44293793	0.77113112
3.82669838	3.43542028	3.53406779	4.04330399	4.37213644	4.38132297	4.42949631
1.81247407	1.120767	1.33223238	2.59336758	2.84996505	2.54765072	2.6339275
0.13513908	0.01930444	0.02305354	0.09100508	0.25252534	1.00E-04	0.16898588
0.01973124	0.08978977	0.12287681	0.1258415	0.14327788	0.26124634	0.18404005
0.32411032	0.17915115	0.34008888	0.61505395	0.35203069	0.67836571	0.82798005
0.12958949	0.10925664	0.13927697	1.00E-04	1.00E-04	0.24294177	1.00E-04
0.50357827	0.23092855	0.28059069	1.05929883	1.33063044	1.8178025	1.90987335
1.27689021	0.9994847	1.22780055	2.94385108	3.11575684	3.083235	3.24184245
0.02003812	0.02056405	0.04991702	1.00E-04	0.03886766	0.08797615	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92553985	2.08189681	2.08158672	0.89522645	0.57869548	1.24592483	1.10680574
0.04616817	0.04629047	0.02004539	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51423414	0.30198222	0.44685519	1.20523649	1.55263461	1.66385254	1.78752114
0.07615983	0.06257124	0.02367779	1.00E-04	1.00E-04	0.28509857	0.26823641
1.00E-04	0.02863352	0.02072167	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3334113	0.42531863	0.55605751	1.00E-04	0.41580292	0.30506313	0.19972984
0.13192722	0.03360461	0.21805682	0.27092677	0.72475824	0.7137122	1.20408733
2.84445078	2.52460713	2.49261885	3.01827208	3.34372331	3.19432427	3.15505487
0.26436718	0.43190004	0.48125531	1.00E-04	0.1022858	0.26221983	0.44519852
3.06718813	2.13434022	1.75525195	2.19959036	2.96731101	2.82698343	2.69800829
0.55509679	0.25921584	0.26146784	1.00E-04	0.40168397	0.43403805	0.24104647
0.03565596	0.02934406	0.04439346	1.00E-04	0.33173703	0.05699917	0.13231041
1.00E-04	1.00E-04	0.00860651	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1574688	0.1811031	0.03044664	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02801992	0.01003413	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42918802	0.40552908	0.41254674	0.72011243	0.29970235	0.55520309	1.01441178
0.02248184	0.04902756	0.04407555	1.00E-04	1.00E-04	1.00E-04	0.06052812
1.00E-04	0.01910971	0.0039757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17884931	0.03852786	0.18508566	1.00E-04	0.14424261	0.073588	1.00E-04
1.02954354	0.72558458	0.8062323	1.4452011	1.04906884	1.41402019	1.45903476
0.61395824	0.37544997	0.34715301	1.00E-04	0.43355515	0.11154763	1.00E-04
3.28676151	3.62824475	3.55512377	1.15733766	1.43550184	1.79967248	1.36217318
1.00E-04	0.00370297	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43557849	0.4512006	0.62110281	1.20530173	1.43358413	1.25018083	1.91388258
1.00E-04	0.05786878	0.10617058	1.00E-04	0.15289108	1.00E-04	1.00E-04
0.11342944	0.14510601	0.15493362	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.85462419	2.36722932	2.13071876	0.27859329	1.07389596	0.98477065	0.6578382
0.02961794	0.01069688	0.0157846	0.15460104	1.00E-04	0.13624169	1.00E-04
0.52694491	0.48751672	0.69773083	3.96947051	4.12770378	4.49961999	4.46629579

0.42701061	0.12636439	0.16764274	0.2269273	0.15896258	0.14289241	1.00E-04
2.56936271	2.33225586	2.54516545	2.34013648	2.71529546	2.549396	2.66356373
0.06447372	0.15582231	0.09711862	1.00E-04	0.13404479	1.00E-04	1.00E-04
2.05874281	1.89551365	2.07154649	1.99227407	2.31052722	2.32786901	2.45009353
0.20428567	0.63063719	0.5234417	1.00E-04	0.17551276	0.17431403	0.16415762
0.03315432	0.01789825	0.00718346	1.00E-04	0.35704595	0.08084598	1.00E-04
0.0303348	0.08189348	0.03351799	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58830485	0.45213705	0.42597065	0.30646607	0.95948009	1.15807885	1.22630089
0.31776346	0.1291782	0.09537526	1.00E-04	1.00E-04	0.18512553	1.00E-04
1.00E-04	1.00E-04	0.00406084	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.9350442	3.26182852	3.51456737	4.72846392	4.98529389	4.93331196	4.96744943
1.00E-04	0.15879216	0.23854415	1.00E-04	0.12896243	0.13185202	0.2631201
6.43263262	5.54557767	5.78317522	2.40114997	3.59927626	3.33155465	3.58407947
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.78865716	3.01945016	3.09488988	2.21279596	2.46159485	2.57404628	2.74207367
1.05971612	1.62456141	1.55716158	0.23373991	0.51771683	0.92316029	0.76539979
0.09251768	0.05095323	0.03781243	1.00E-04	0.45483548	0.16651647	0.12473124
0.98383094	1.20916032	1.0284349	0.57941204	0.57671122	0.73446092	0.64249656
0.08267027	1.00E-04	0.00675341	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08032689	0.06192267	0.05833286	1.00E-04	1.00E-04	1.00E-04	0.18195994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48176542	0.80868309	0.64478591	1.00E-04	0.09463393	0.26099915	0.08619455
0.16542102	0.01878084	0.01567669	1.00E-04	0.12119548	0.11668986	1.00E-04
0.44017879	0.30550207	0.44954667	0.33335963	0.20591969	1.00E-04	1.00E-04
1.00E-04	0.08831979	0.06778668	1.38499066	0.35799435	1.00E-04	0.20409092
0.2397761	0.14305997	0.22607	0.46360088	0.61346332	0.55241703	0.50704439
1.1947923	1.38221775	1.46824277	1.21981973	1.73801146	2.02717651	2.02312971
0.06118477	1.00E-04	1.00E-04	1.00E-04	0.11635963	1.00E-04	1.00E-04
2.06016056	2.19615133	2.06948274	1.70010153	2.17138556	1.96153524	1.86711549
3.95497592	4.78440913	4.55314774	1.86548893	2.88716768	3.6753627	3.70019597
2.89834941	2.84239787	3.02889255	0.68537665	1.37314859	1.9779854	1.85107291
0.98260536	0.77982821	0.93174643	0.26967057	0.47997369	0.5661352	0.46162984
4.21529531	2.96448664	3.14005094	2.00722044	2.97306583	2.97992041	3.04484485
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42644065	0.12589043	0.08813775	0.66341545	0.21613563	1.00E-04	0.07399951
0.11567268	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06428568
0.39488196	0.19686844	0.30558144	0.69237103	0.750579	0.5164043	0.55084799
0.23186686	0.20731787	0.20229773	1.00E-04	0.10307257	0.33914048	0.11044143
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68467293	0.99618944	1.3623172	0.90251526	1.60590229	2.03006052	2.0430462
0.07099241	0.17222409	0.22882681	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.93608075	4.54041518	4.74165453	2.29007828	2.33212591	3.03060927	2.68305657
1.00E-04	0.00428526	1.00E-04	1.00E-04	1.00E-04	0.11305205	0.48087659

1.00E-04	0.00429207	1.00E-04	1.00E-04	0.11677167	0.10907085	1.00E-04
1.00E-04	0.00344732	1.00E-04	1.00E-04	1.00E-04	0.0979538	0.12987456
2.8106098	2.67430757	2.97181908	2.24158445	2.81641939	2.86734516	2.89284531
0.62132391	0.63764106	0.71043466	0.56009792	0.84698292	1.27500736	1.2925794
2.49783829	2.17916472	2.3579336	2.53340368	2.60694062	2.44760849	2.8271885
1.02724582	1.10902643	1.14478583	0.90743137	0.69896381	0.75910801	1.17109693
0.33432909	0.57950376	0.54446706	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08459803	0.55378553	0.88657895	1.90683752	2.11580027	2.0852126	2.35043018
0.73398389	0.33172147	0.44793718	0.1043435	0.25729452	0.46044893	1.00E-04
1.8378784	1.54705313	1.71166493	2.33650401	2.29906897	2.17811392	2.2465422
1.65634315	1.56383128	1.81883692	1.90937482	1.82412655	1.97040558	1.90729557
0.17376785	0.07232371	0.15676821	0.851012	0.25656261	0.47396813	0.66528563
1.00E-04	0.03784113	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29751702	0.27008536	0.25258808	0.37926115	1.00E-04	0.12808947	0.0466606
0.50542847	0.16078753	0.14911339	0.06687698	1.00E-04	0.17958194	0.2227906
0.32139551	0.37058678	0.21928209	1.00E-04	0.22369693	0.15244096	0.09594025
0.17982127	0.3274591	0.16456185	0.16336997	0.0974067	0.23639278	0.34408713
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91045794	0.51048138	0.81652167	0.68188988	1.17272863	1.16828671	0.94313636
2.14136202	2.81176089	2.72836494	0.32391545	0.85912732	1.71220187	1.96694411
2.05254241	1.13992485	1.27507715	1.30180536	1.7575042	1.27881562	1.14051927
0.72479805	1.00040278	0.94118503	1.00E-04	0.60949978	0.46125877	0.5952624
0.77955174	0.23275278	0.67553895	1.95173196	2.1204178	1.64751098	2.0901759
0.42810268	0.48481163	0.43314089	1.00E-04	1.00E-04	0.10512566	1.00E-04
1.00E-04	0.02006482	0.10600758	1.00E-04	0.25045139	0.26833165	1.00E-04
0.86634506	0.91920941	0.93221367	0.27605944	0.52560603	0.68730155	0.7085622
0.02811406	0.09129581	0.04815808	1.00E-04	1.00E-04	1.00E-04	0.10511225
1.00E-04	0.00706776	0.0488108	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48906933	0.49513171	0.54253203	0.16163727	0.03162172	0.2195183	0.16775199
0.40922239	0.64462877	0.66054414	0.1250463	1.00E-04	0.33953212	0.31277649
0.46648834	0.3799675	0.43273357	0.54393112	0.99509112	0.80249114	0.54922033
1.00E-04	0.00783508	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14271193	0.1035277	0.0786441	0.27079347	0.29799883	0.24387398	0.0809565
1.00E-04	0.05716594	0.04769631	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23241574	0.14806908	0.2589373	1.00E-04	0.40664052	0.64382875	1.00E-04
1.00E-04	0.00656639	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38089422	2.6584128	2.67253414	0.84010638	1.13188759	1.40785716	1.48561366
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27765063	0.16565794	0.21798609	0.56561434	0.45683116	0.47395402	0.58816129
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.19262619	2.68275281	3.19409128	1.00E-04	0.80949273	0.82864578	1.18388757
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84038092	1.48528749	1.75547443	2.42729667	2.60233076	2.5734449	2.54744047

0.31489451	0.48106546	0.62471576	1.00E-04	1.00E-04	0.15326264	0.27161673
0.88356485	1.05554107	1.04935053	1.00E-04	0.27026115	0.34853772	0.34854058
1.08883322	1.59967504	1.48981078	0.65776482	0.48109911	0.53829823	0.55285896
0.39548558	0.45641933	0.35503445	0.3015766	0.12354374	0.04948863	0.22156477
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60898001	2.18786479	2.09906805	0.79122512	0.73293584	1.35823617	1.29925047
0.0802106	0.03796562	0.06861067	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52260906	1.58704332	1.67290646	1.11876401	1.56179331	1.28719416	1.54114929
1.00124744	0.78197868	0.85825563	0.7766057	1.37244321	1.41405975	1.13973299
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36369324	0.98859439	1.10824743	1.64371575	1.48625883	1.29718712	1.46560837
0.03044091	0.05083736	0.04092516	0.17683994	0.21310308	0.1776502	1.00E-04
0.08657669	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.17130427	5.07142992	4.9683245	2.44626469	3.15292139	3.84005102	3.76687811
0.19271589	0.06571065	0.11064098	0.4724671	0.21225676	0.45608208	0.08438148
0.02709822	0.02042364	0.07461571	0.43796858	0.06877811	0.07952465	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.86800556	1.00E-04	1.00E-04	1.00E-04	0.16605093	1.00E-04	1.00E-04
0.52416405	0.63145174	0.74882635	0.10510713	1.43205465	1.36806423	1.43864545
3.45161506	3.00136173	3.14268822	3.43706201	3.62229097	3.60429242	3.68223252
0.20989395	0.27062304	0.25063872	1.00E-04	1.00E-04	1.00E-04	0.32383041
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25635911	0.06665663	0.0919061	1.00E-04	1.00E-04	0.10379793	1.00E-04
0.06232975	0.02982454	0.02916187	1.00E-04	0.07069346	0.0951009	0.0883961
0.58854207	0.17787272	0.19834983	1.16529651	0.38959729	0.19724948	0.19376656
0.21550083	0.13257876	0.43128936	0.0798217	0.24819503	0.33586213	0.41350997
0.19160319	0.10481015	0.07732956	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.43374655	2.24308924	2.39550736	2.84287182	3.13516749	2.76789789	3.06179068
2.82754312	2.93400671	3.01323091	1.70798982	2.40399936	2.62999348	2.89759141
1.00E-04	0.00510806	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02556744	0.03587597	0.24572491	1.00E-04	0.2079725	0.27474263
0.16838094	0.38172794	0.31365922	0.20920141	1.00E-04	1.00E-04	0.16590186
0.09201617	0.01801228	0.01674932	1.00E-04	0.1970046	1.00E-04	1.00E-04
0.02526778	1.00E-04	0.00566493	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05561647	0.03787557	0.11426694	1.00E-04	1.00E-04	0.12854627	0.18102487
0.30166946	0.17462512	0.14161454	1.00E-04	0.07067017	0.09865994	0.10010346
1.00E-04	0.03917348	0.04643021	1.00E-04	0.12693811	0.07578373	0.16015575
1.08616143	1.00683918	1.12283313	1.14904853	1.72241963	1.64807361	1.73979338
1.00E-04	0.08958876	0.07393748	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.57513	3.73775618	3.22669753	0.25088064	0.42538607	2.06805052	0.86954069
1.00E-04	0.00423006	0.01060172	1.00E-04	1.00E-04	0.081398	0.08995032
1.00E-04	0.03073746	0.0134009	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.81692908	2.42529099	2.5997221	0.71348813	1.5264898	1.65971393	1.764484

1.00E-04	0.09316695	0.11439545	1.00E-04	1.00E-04	0.07827153	1.00E-04
0.09925214	0.12424625	0.11982755	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.75522585	3.86173087	4.0064566	0.8278571	1.06400666	1.50064376	1.19869188
2.5818417	2.00257427	2.29564653	2.36194521	2.80653898	2.63810442	2.65744309
0.65506096	0.74759258	0.76617694	1.00E-04	0.4147397	0.05750773	0.5193211
0.25837543	0.43899017	0.31572039	1.00E-04	0.08034577	0.35986706	0.4409861
0.33066098	0.21327026	0.25918821	0.89873698	1.00E-04	0.1904221	0.74658743
2.7242125	2.40867662	2.75140726	2.22682293	2.84105247	3.43960296	3.57769236
1.15643616	0.8723162	1.04138292	1.36839678	0.93641417	1.21740749	1.40825192
1.09773395	1.03627539	1.08489868	0.59245526	0.7765836	0.61215132	0.89954871
0.05805934	0.00801053	0.01975237	1.00E-04	1.00E-04	1.00E-04	0.13147202
0.99876738	0.84727986	0.81177827	0.95050762	0.8626393	0.95974815	1.11124696
2.24544637	2.95790346	2.72189354	1.29616063	1.68479468	2.1057055	2.16599372
1.87670677	1.93859314	1.99677861	2.57693363	2.67653537	2.93793094	2.94933492
0.0413094	0.07481177	0.13726646	0.14839326	0.264273	0.05621984	0.05764307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.31930575	2.13687483	2.66069548	1.61337899	2.72360361	1.93404593	2.01070351
0.27631795	0.34726862	0.56958401	0.47455184	1.43675501	1.09668427	1.14314907
3.17965604	4.11121254	3.91413058	1.40320503	1.55394359	2.72151535	3.00849564
2.89756941	2.33096195	2.64675513	2.47193556	2.60773004	2.28624027	2.64702468
3.74512103	3.42848916	3.840973	3.1410051	3.64142982	3.78526162	3.89419116
0.2743318	0.41266642	0.33764227	1.00E-04	1.00E-04	1.00E-04	0.16362414
0.54120942	0.92938736	0.83547047	1.00E-04	1.00E-04	0.29364102	0.24229095
0.04360419	0.07473244	0.12292818	1.00E-04	1.00E-04	0.01973298	0.12982676
0.32768681	0.78219642	0.75364386	1.00E-04	1.00E-04	0.14273301	0.15580211
0.7266808	0.41217483	0.2838759	0.5289767	0.9966894	0.80316859	0.78517429
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07723718
1.00737746	0.89806078	0.98077224	0.18582929	0.62065645	0.59430417	0.57799987
1.5832508	1.68021412	1.69761313	1.52147692	1.85784954	1.86363051	2.05344416
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06440612	0.08044618	1.00E-04	1.00E-04	0.17151145	1.00E-04
0.0361195	0.11300546	0.07925331	1.00E-04	0.1663089	0.38530733	0.19456846
0.11836583	0.10223809	0.17505002	1.00E-04	1.00E-04	0.20845129	0.16332085
3.51821557	3.83627721	3.82316582	1.30385541	1.80873597	2.71506483	2.66022237
5.47760558	6.00113641	5.98545299	2.54806559	3.4239223	4.50416259	4.28899614
0.12459963	0.12468697	0.06326825	0.37541089	0.17864387	0.3249596	0.20513514
0.24878125	0.44476045	0.40278032	0.30590711	0.09267086	0.72087089	0.64586481
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.51294983	1.32871952	1.27851445	1.00E-04	0.19476245	0.29336325	0.13336097
1.28632086	1.58297922	1.4110864	0.28531038	0.84772429	1.47624725	1.38425585
0.66295798	1.00E-04	0.05891673	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39480752	1.28735328	1.34310987	0.15225267	0.12195405	0.62855944	0.4147526
2.52813963	3.35338676	3.11633907	1.22074103	1.2747235	1.84696812	2.02179885

0.02125812	0.02825283	1.00E-04	1.00E-04	0.22205494	1.00E-04	0.10093367
1.11954627	0.7528907	1.04731264	0.53834252	1.00779464	1.28987999	1.35561231
0.70139328	0.7103575	0.58651995	0.17471918	0.21809084	0.13802197	0.05957839
0.33299863	0.18471984	0.22509	0.32639461	1.00E-04	0.52423939	0.21046613
0.63804129	1.07658916	1.0428397	0.14596621	0.39669997	0.41461778	0.63871701
0.23167952	0.17445549	0.21636692	0.54702536	0.91166382	0.56356454	0.29249429
3.98207085	3.80489313	3.9225928	3.82321049	3.97600017	3.90691637	3.88597753
1.00E-04	0.00779131	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01174209	0.13043964	0.13203732	1.00E-04	1.00E-04	0.23178417
2.2913526	2.58623696	2.47814091	2.16078115	2.69328266	2.76396914	2.81655117
3.26546689	4.21686883	3.69969834	1.00E-04	1.10247394	1.44482926	1.66858593
1.98696168	3.35986991	3.14711714	0.97791335	0.58245675	2.15406622	2.09260044
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.84228548	5.1428102	4.9811791	2.70908789	3.26415009	4.24070512	4.53100779
2.51833113	2.35070327	2.47997169	2.32101335	2.63048579	2.57909904	2.62446205
1.00E-04	0.05285721	0.0281751	1.00E-04	1.00E-04	1.00E-04	0.33499166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19291822	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01281074	1.00E-04	1.00E-04	1.00E-04	0.11496423	0.08144207
4.82338216	4.29230258	4.49252089	4.98608103	5.4039483	5.30926606	5.28012928
3.25925817	3.30646708	3.33032775	3.43921268	3.58986705	3.45150732	3.54693273
0.25367812	0.13444319	0.25193302	0.18372768	0.08563943	0.10290164	1.00E-04
1.00E-04	1.00E-04	0.00491759	1.00E-04	1.00E-04	0.09120745	0.05582956
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18521368	2.02101772	1.87053313	1.99645693	2.47517847	2.07563345	2.40534603
0.34666311	0.42269876	0.30118703	0.59374025	0.46881278	0.54156239	0.45793193
0.06425297	0.1602321	0.0875367	1.00E-04	1.00E-04	0.21886968	1.00E-04
0.18205004	0.1372697	0.16706897	1.00E-04	1.00E-04	0.08697558	0.05756789
2.74433785	2.478384	2.32190587	2.15797218	2.43605055	2.22415767	2.67421503
0.05463466	0.0126916	0.01512921	1.00E-04	0.12615352	1.00E-04	0.11230434
0.21962163	0.09500084	0.17740151	0.17683994	0.41634455	0.38713268	0.71150828
1.00E-04	1.00E-04	0.00992208	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41010641	1.96642224	2.10091922	2.76862855	2.73346632	2.60950909	2.78480586
0.48554517	0.34687276	0.2643714	1.00E-04	1.00E-04	0.11910165	1.00E-04
1.00E-04	1.00E-04	0.00362977	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.80036638	2.33699886	2.33595673	2.70855099	3.00740999	2.75139892	2.54128648
5.73903578	6.09149259	6.22199331	3.65040366	3.95215127	4.46123718	4.69305171
0.06588593	0.06209352	0.05430423	1.00E-04	1.00E-04	1.00E-04	0.0806053
0.1390214	0.11948481	0.18553657	1.00E-04	0.33205816	0.40509334	0.26975223
3.00904134	4.06327034	3.97329403	1.36968792	1.89513805	2.69896484	2.52873626
2.75953834	2.97688555	2.94810903	0.16948309	0.80887366	0.9197836	1.1724685
0.18378534	0.19222095	0.2185985	0.40827538	0.08491044	0.02847773	0.26198916
0.95986884	1.61055554	1.57731659	0.46275539	0.27626371	0.57175331	0.70685282

0.1341496	0.43369026	0.30301064	0.45127519	1.00E-04	0.04021759	0.26532568
2.61442538	2.67960667	2.72551401	1.96148402	2.55416555	2.2441355	2.54013637
0.06739087	0.10772303	0.05908739	1.00E-04	1.00E-04	0.05370069	1.00E-04
0.87925776	0.75868725	0.70152473	1.00E-04	1.00E-04	0.27387661	0.1622444
0.18813634	0.33054348	0.3458229	1.00E-04	1.00E-04	0.14813936	1.00E-04
1.00E-04	0.01592855	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12477802	2.02579374	2.07173183	1.57865676	1.98687334	1.83234197	2.10024656
1.00E-04	0.0396449	0.04630037	1.00E-04	1.00E-04	0.14402872	1.00E-04
1.25597824	1.20817859	1.23237862	0.67801388	0.66273033	1.01794541	1.163901
3.76395329	3.40219983	3.56094576	3.33353917	3.45240147	3.27841793	3.35389159
1.57805848	1.56762688	1.65133599	1.34244486	1.0245761	0.9984209	1.37860637
1.00E-04	0.02333161	0.01331271	0.08025885	0.42916907	0.20303361	0.15367007
0.4086952	0.23876046	0.27460121	0.34180742	0.39719287	0.52744496	0.76336541
4.14067467	4.02891401	3.98140129	1.58057418	2.46598873	3.07338	2.79254938
1.00E-04	0.01455278	0.01059845	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06710655	1.45974995	1.39368178	0.15115191	0.36773219	0.62785987	0.88345123
0.18826645	0.1160956	0.23665394	0.21818211	0.69701164	1.00623534	0.61926481
0.02096915	0.09680588	0.11880775	1.00E-04	0.13730905	0.17727549	0.19170414
1.79362273	1.51562287	1.81593713	2.17027921	2.52754702	2.44378089	2.4784037
1.73012137	1.69757407	1.70659531	1.59224583	2.1701847	2.1061263	2.0541302
2.99772068	3.18812665	3.19123775	2.7970319	3.24856146	3.19708507	3.53509884
3.80485259	3.7833396	3.81884503	3.51178244	3.91375189	3.77088962	4.01100483
1.37845382	1.33898343	1.32087647	1.31598675	1.39441273	1.14230779	1.21817704
0.0913955	0.11380893	0.11650524	1.00E-04	1.00E-04	0.07578373	0.52749929
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69579838	0.47857415	0.97139482	1.00E-04	0.19809934	1.00E-04	1.00E-04
1.27137898	1.31740144	1.54475809	1.52159774	1.61568146	1.54354881	2.09532619
0.59744779	0.4723004	0.50842668	2.01222148	1.90759474	2.24420675	2.32202383
0.02739924	0.02405405	0.00896274	0.07458157	1.00E-04	0.27538386	1.00E-04
0.65190163	0.58240977	0.51858978	1.00E-04	0.27779713	0.22516482	1.00E-04
2.27904248	2.55794016	2.47327642	1.761767	2.27340572	2.26423027	2.72651683
0.28664813	0.21659153	0.25017629	0.5545414	0.6624993	0.78163674	1.02859209
4.48413964	4.23312451	4.64039522	4.1252823	4.80223979	5.12265917	5.33261169
2.28113275	2.16168269	2.22409462	1.41651416	2.22298656	2.28642858	2.32338382
2.1618911	2.38829953	2.39673113	2.261944	2.66570572	2.52869602	2.51889307
0.68889232	0.42884168	0.54486603	1.54914316	1.69413269	1.74457773	2.21107678
0.62844469	0.61753933	0.72800933	0.66391088	0.52544899	0.92480968	0.8117476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09890103	0.16065331	0.02510212	0.38120156	0.99495845	0.58049061	0.95633413
0.03845122	0.03951381	0.09645461	1.00E-04	0.15860936	0.07549578	0.36917275
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08628397	0.31794616	0.39366721	3.40135283	3.18926957	3.52260683	3.60079288
1.00E-04	1.00E-04	1.00E-04	0.51799302	1.00E-04	1.00E-04	1.00E-04

0.27365271	0.28958313	0.36646786	0.34099057	0.23481773	0.16098575	0.33884775
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.30092674	1.02317201	1.47357329	1.23262423	1.75267794	1.87263838	1.94500053
0.21602376	0.01851312	0.03702581	1.00E-04	1.00E-04	0.31544589	1.00E-04
4.91373911	5.46105308	5.3391932	1.96393753	2.99139896	3.94734546	3.94112914
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02084183	0.00419049	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01792537	1.00E-04	0.00697188	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62818287	1.576054	1.59244761	1.03429461	1.07040786	1.31675028	0.77687443
1.00E-04	0.01181451	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21989342	0.93394654	0.36572047	0.12407158	1.20485321	2.69983592	0.97164371
0.07504383	0.09358826	0.06472929	0.45613963	0.14797928	0.34946225	0.26169029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02473758	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00500855	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0132028	0.08021567	0.10017874	1.00E-04	1.00E-04	0.09390207	0.07723718
1.00E-04	1.00E-04	0.02667512	1.00E-04	1.00E-04	0.23136451	1.00E-04
0.15093922	0.21323874	0.34259381	0.37978048	0.12750684	0.96121425	0.94387454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22004567	1.00E-04
0.90679927	0.63572684	0.53572678	0.41137041	1.20030149	1.34236256	1.19169496
1.00E-04	0.00778106	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32369598	0.15817179	0.17972605	0.24959278	0.51815157	0.25864977	0.47357336
0.41479273	0.63492219	0.60120329	0.08422589	0.17184917	0.20882453	0.5332756
0.29805574	0.15494789	0.26464588	0.68969904	0.67613786	0.21158853	0.37167941
0.16822297	0.02401569	0.02719507	1.00E-04	0.2285467	0.09576717	1.00E-04
1.00E-04	0.00468843	1.00E-04	1.00E-04	0.2178028	0.06644921	1.00E-04
1.75215616	1.25300023	1.3411167	2.36852929	2.69806987	2.3197051	2.36432238
1.44613717	1.08991051	1.47573119	1.00855331	1.23935176	0.75740621	1.21384674
0.26262027	0.16601313	0.22441617	1.00E-04	0.50418597	0.66388377	0.6642395
0.24647142	0.10339246	0.02141419	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01708821	1.00E-04	1.00E-04	0.04550415	1.00E-04
0.38844847	0.56534442	0.93797302	0.68350488	0.47599521	1.19115949	1.35617791
0.88469741	0.81265111	0.8400391	1.00E-04	0.03886766	0.22199915	0.15826098
0.01369191	0.13626101	0.07303071	1.00E-04	1.00E-04	1.00E-04	0.30150267
1.05824534	0.74848408	0.84148993	1.66644788	1.75596792	1.73250975	1.77594697
1.00E-04	1.00E-04	0.01088413	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08765037	0.07259842	0.02082491	1.00E-04	0.14864678	0.10416083	0.30619529
0.29122933	0.31106272	0.21718347	1.00E-04	1.00E-04	0.21819829	0.13432957
1.00E-04	0.01191165	1.00E-04	0.22678631	0.02972907	0.10564304	0.24660772
1.00E-04	0.03545794	0.01713611	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.21728012	0.14229974	0.05646997	0.10863018	0.34976408	0.11653856	1.00E-04
0.14970429	0.05716369	0.0686593	1.00E-04	1.00E-04	0.2171286	0.34357276
1.00E-04	1.00E-04	0.02963639	1.00E-04	1.00E-04	1.00E-04	0.10248712
0.03063095	0.03869261	0.04445674	1.00E-04	1.00E-04	1.00E-04	0.22040042
0.17627564	0.18632372	0.23041098	1.06451511	0.3218013	0.68309853	0.64032405
3.08585016	3.35437079	3.31547706	2.30552525	2.57491833	3.18377867	2.95123687
1.00E-04	0.01601712	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65644126	0.39104634	0.52303211	0.47637592	0.73381582	0.61766767	1.21138191
1.1247357	0.28683197	0.29380342	1.00E-04	0.62905009	1.00E-04	0.35444845
0.37281644	0.15160429	0.14558123	1.00E-04	0.45584043	1.00E-04	0.60501484
0.05815195	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.03761113	1.00E-04
1.95358358	2.38841908	2.45327034	1.26156301	1.42364722	1.53085266	1.76544087
0.57480454	0.44264932	0.56328001	2.1379897	2.71612924	2.48408412	2.35423176
3.8177514	4.19470238	4.17565727	2.22461532	2.57060106	3.00642502	3.13135047
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.993662	1.06797984	1.23054394	1.0832628	1.85082942	2.12399718	1.364961
1.00E-04	0.01449974	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01071731	0.01510526	1.00E-04	1.00E-04	0.03870356	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43715496	0.21515072	0.34039154	0.41616717	0.28330573	0.04071879	1.00E-04
0.23336675	0.31909373	0.64004325	0.87736539	0.98800658	1.23907917	0.85730457
2.75037131	2.03754398	2.4178172	3.07262487	2.6092861	3.11640925	3.34240924
0.09858194	0.0366095	0.11582131	0.09754868	0.11198296	0.2356238	0.31311382
0.02860577	0.12056445	0.08518366	1.00E-04	0.24555438	0.59013432	0.20363588
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00829366	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03665259	0.06512506	1.00E-04	1.00E-04	0.09368975	0.07089413
1.00E-04	0.07545049	0.09702297	1.00E-04	0.22714483	0.58298653	0.34487016
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04290907	1.00E-04
1.00E-04	1.00E-04	0.00410995	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08902318	0.7762276	0.53735036	1.00E-04	0.13687047	0.22027016	0.46038708
0.22303369	0.08947065	0.05924716	1.00E-04	0.30043688	1.00E-04	0.08565081
0.08589237	0.07435756	0.06903428	0.28692175	0.29194536	0.14371824	0.0481164
1.00E-04	0.00551988	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01733973	0.05651989	1.00E-04	0.1666325	0.16916618	0.17238829
2.57907466	2.45067603	2.72441935	2.43077132	2.66163324	2.66394151	2.79079813
1.57327735	1.90530524	1.89371304	1.22876912	1.15839189	1.17202263	1.76203991
1.59266605	1.5733712	1.86908689	1.20474495	1.47951006	1.69165825	1.7207252
2.7324372	3.03751743	3.07356801	1.00E-04	0.39799243	0.9745053	0.888547
2.8252865	2.74205923	2.90110443	0.67596945	0.53834309	0.96003833	0.81606231
2.89171837	3.05094256	3.11903035	1.58076932	2.19143935	2.22771108	2.48647558
0.59760872	0.71161428	0.70962547	0.23043759	1.5119226	1.06345689	0.85323165

0.07915437	0.0065048	0.02334696	1.00E-04	1.00E-04	0.09442282	1.00E-04
0.42377566	0.3288353	0.34841587	0.91604741	1.31226847	0.91078402	1.43828807
0.01957548	0.01632986	0.05759899	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03633863	0.12774836	0.09698632	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02164926	0.02435561	0.01982358	1.00E-04	1.00E-04	0.27037678	0.08565081
4.3649735	4.4916371	4.32807311	2.23983833	2.67223987	3.06739871	3.12046371
1.64377592	1.98938646	1.77007649	1.00E-04	0.20344575	0.82872709	0.52147349
1.00E-04	1.00E-04	0.01632244	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05197897	0.04848498	0.05080629	1.00E-04	1.00E-04	0.08551468	1.00E-04
0.28893592	0.68629612	0.78840142	0.72766972	0.78231733	1.09400877	1.37054877
0.19611509	0.31952103	0.3557273	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68609269	1.29989031	1.65682106	0.95958479	1.03532057	0.84154165	1.05690759
0.86548407	0.41658751	0.62848384	1.51690472	0.80861808	1.01728378	0.38334767
1.00E-04	1.00E-04	0.00350888	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.2213418	2.62586804	2.93985875	3.47765012	3.54122088	3.48813052	3.55893417
1.00E-04	0.00358791	0.0182911	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95599819	0.47827284	0.54695219	1.02690481	1.78951954	1.91389185	1.55220295
0.01283004	0.00998002	0.00650232	1.00E-04	1.00E-04	0.10479709	1.00E-04
1.00E-04	0.00501215	0.04808934	1.28026777	1.44879108	0.56706626	0.70807189
1.00E-04	0.03929185	0.02570805	1.00E-04	1.00E-04	0.10055727	0.1131325
0.3143604	0.16266694	0.16937288	0.14358924	0.23831831	0.04047007	0.13386713
0.3125445	0.61764723	0.56556969	1.00E-04	1.00E-04	0.25472032	1.00E-04
0.76268506	0.62261163	0.61207245	0.8177778	0.34885328	1.06167778	1.23036425
2.15210906	3.58724733	3.81633141	0.55160425	1.4485552	2.02669141	0.91440955
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04946667	0.16566799	0.15417103	1.00E-04	1.00E-04	0.15526	0.29308564
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15400686	1.00E-04	1.00E-04
3.21356853	3.03942914	3.22552229	2.94198616	3.38450983	3.25123506	3.23406788
4.73445908	4.17803645	4.26357274	5.00200644	5.31365104	5.30689343	5.25671323
3.55145991	3.21967271	3.26182889	2.67065192	2.8453851	2.77638077	2.71575026
0.15331824	0.03377202	0.14236713	0.32177125	0.33290566	0.05291433	0.19670122
5.46578943	5.15926692	4.84974127	3.54718862	3.77186291	3.44506273	3.36849048
1.00E-04	0.02819546	0.06673981	0.22678631	1.00E-04	0.08315826	1.00E-04
2.35345188	2.31228684	2.64325031	0.45912448	0.12697572	0.78823117	0.91118794
0.05912614	0.04048157	0.02378021	0.7215246	1.13890245	0.39275896	1.0269092
0.34614546	0.18918689	0.1472247	0.32984252	0.72341563	0.30657566	0.78277185
1.80205665	1.68158066	1.92498053	0.34317681	0.88447838	0.72406041	1.19268162
0.79984901	0.45663115	0.51379601	0.71118787	1.00036921	0.91024059	1.27759468
1.00E-04	0.01443334	0.02707107	0.15225267	1.00E-04	0.05102381	1.00E-04
2.08191566	1.19398178	1.78293915	0.20611213	0.99357966	0.68829494	0.91067315
1.1788124	1.14327631	1.16163749	2.24725891	2.69787538	2.4243185	2.68238667
0.68557214	0.25197466	0.54905907	1.28703869	1.57447694	1.5787954	1.44077267

1.19393424	1.24829931	1.55427521	0.82666436	1.27057081	1.01239846	1.3070283
2.57139618	2.60362639	3.13290099	2.41033158	2.02765998	2.83861684	3.13443542
2.27770051	1.51617578	1.82237048	3.0878655	3.14130707	2.79202907	2.91030695
3.29530383	3.32842644	3.47346089	1.12282482	1.12232185	1.47256611	1.81600362
3.72008851	3.18489639	3.39803779	3.68513664	3.84632127	3.89244481	3.92766618
1.7340328	1.81438965	1.9311001	2.2201871	2.1740695	2.33668175	2.45379599
4.18731347	4.05809036	4.14122313	4.09798365	4.40124862	4.35363631	4.44819185
3.1642483	2.78026382	3.014489	5.40215917	5.4379783	5.33167352	5.20686335
4.99171057	4.57902334	4.65828299	4.23894169	4.45369891	4.18769274	4.42123569
0.02096915	0.03630741	0.0090484	1.00E-04	1.00E-04	0.10803253	1.00E-04
3.59503678	3.92260894	4.05530982	2.06436654	1.49133755	2.30216441	2.1791116
0.1700137	0.41904605	0.21865847	1.00E-04	0.1232515	0.13448631	0.22439253
6.48405072	6.06900808	6.00804809	5.93640226	6.16941263	6.06130559	6.10695724
4.44474802	4.27475452	4.24593194	4.28648857	4.62749534	4.71143674	4.50604466
1.00E-04	0.00468914	0.00937336	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03619319	0.0726464	0.12291644	1.00E-04	1.00E-04	0.24802919	0.32840072
0.77587497	0.80006312	0.67001299	0.3130426	0.45447634	0.30894828	1.16696167
5.36101784	4.7105502	4.80833638	6.52537791	6.80771849	6.79473569	6.77562563
5.44411309	4.7727073	4.97438921	5.04159444	5.32145203	5.32935437	5.14909665
1.00E-04	0.00600247	0.01280083	1.00E-04	0.32802573	1.00E-04	1.00E-04
5.04707234	4.32961827	4.50990781	5.20652237	5.46399745	5.47118378	5.49228157
2.90293735	2.95950411	2.93344971	2.67573057	2.87735858	3.04191298	3.06616003
0.51688095	1.03191473	1.00320704	0.46467417	0.45651874	0.61945553	0.7592045
0.7034579	0.97849727	1.06061397	1.16162293	0.86586704	1.0611181	0.77266138
0.36447435	0.13283298	0.12863056	2.56752411	2.12395446	2.5105111	2.35267673
0.98457592	0.57449897	0.63957083	0.65507427	0.68719853	1.06548281	0.97116778
1.79686763	2.00737908	1.87946911	0.17997387	0.32441741	0.4879924	0.40642377
0.36957829	0.16446722	0.22032565	0.28215476	0.39786526	0.04569595	0.10442797
1.47228715	0.80874204	0.59063736	0.24823363	0.91789709	0.26618942	0.76432712
1.15895572	0.4529395	0.81219448	0.64039827	1.14658841	0.57554035	0.79136256
2.92378484	2.96697749	2.89877507	2.55835187	2.76221172	2.79570675	3.09481978
1.56323189	1.22838941	1.53136704	5.57097356	5.23525886	5.28459184	5.497761
2.99118882	2.33583128	2.6432372	3.87464887	3.83519009	3.90035618	3.95735499
0.08528721	0.08712437	0.14588758	0.08628909	0.40929297	0.11424767	1.00E-04
1.00E-04	0.02426755	0.00732998	1.00E-04	0.12000794	0.03768839	1.00E-04
0.10482952	0.08870148	0.0977036	0.08940588	0.30188817	0.33947179	0.34224733
5.92288536	5.20230835	5.33890902	2.96729877	3.17504762	2.60371203	3.0971635
3.21708189	2.77183011	3.16122107	3.99143813	4.22795197	4.3277055	4.5278393
6.01192523	6.18093212	6.08392023	3.46791845	3.68748463	4.01410581	3.8777617
3.44797552	3.75415705	3.73052278	1.9777696	2.38083664	2.82474005	2.87576813
3.84898626	3.93962225	4.17234809	1.99709988	2.31405563	2.47354845	2.77129958
3.07898591	2.52871769	2.91342582	3.80636981	4.09435086	4.0378495	3.86392905
1.04105328	0.62248085	0.66034964	1.91052422	1.33488379	1.61857446	1.91347501

0.36444918	0.06120516	0.08945173	1.00E-04	1.00E-04	0.1667191	0.20374242
1.44917514	0.86968246	0.99357955	2.08232925	3.06144707	3.29992832	3.20927801
0.20683573	0.40115887	0.36462389	1.00E-04	0.22897045	0.06088456	0.11546483
0.28670427	0.14070852	0.12708619	1.00E-04	1.00E-04	0.12746637	0.1234221
2.18296322	1.65074544	1.52142017	0.46856932	1.10708696	0.8320923	1.25308474
1.36807283	0.98235912	1.34154532	0.2765835	1.07312476	0.60472088	0.66158935
2.20312226	1.62822196	1.56149216	2.66682619	2.8879032	2.36957045	2.76027697
5.02570293	5.27046294	5.14468479	2.68281907	3.13587307	3.79316139	3.58287473
4.74868449	4.57940677	4.59142129	4.69681137	5.0156943	4.98229203	4.89529242
1.94375036	2.36132589	2.40137821	0.91922633	1.5346363	1.65123263	1.88573657
1.88267897	1.47624541	1.88546061	3.77423177	3.66872947	3.9560548	4.08961246
1.00E-04	0.00679835	0.01164068	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04647971	1.43171704	1.56818867	1.00E-04	0.89585788	0.78933611	0.67923788
1.44631947	1.60493973	1.65566275	1.25798185	1.63020191	1.33346971	1.53133951
1.00E-04	1.00E-04	0.01505332	1.00E-04	1.00E-04	1.00E-04	0.10084715
0.15696386	0.06384354	0.09347892	0.0766008	0.2656035	0.27061697	1.00E-04
1.9484685	1.67330387	2.03285983	0.35800922	0.85351375	1.15886778	1.31191006
0.5360229	0.46305233	0.55086925	1.00E-04	0.91521395	1.22066297	1.12284668
1.00E-04	0.02878686	0.00605468	1.00E-04	0.1572334	1.00E-04	0.01787061
1.53873339	1.22870254	1.2740205	1.72192165	1.99175801	1.95810873	1.93407514
0.17851844	0.19348913	0.23767921	0.30980496	0.51541032	0.63976361	0.68973562
0.4673986	0.51089881	0.56304991	0.28693536	0.55676158	0.88956225	1.48898348
3.52909803	4.03281233	3.95162865	1.54303493	1.50258091	2.08953943	1.50963692
0.16182045	0.10983519	0.09053702	1.00E-04	1.00E-04	0.13037751	0.30223506
1.77267874	1.65994473	1.82455525	1.65061187	2.02889974	1.73098063	1.64175187
3.01002474	2.67981087	2.84671538	2.99555868	3.09104664	3.25250155	3.38850434
2.06907027	1.36077378	1.71341432	1.4051492	1.47889632	1.16486399	1.58361347
0.6964677	0.80053799	0.83180574	0.06818362	1.00E-04	0.107935	0.17075966
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01006054	0.02612726	1.00E-04	1.00E-04	0.10089782	1.00E-04
0.17273304	0.06497787	0.08201187	1.00E-04	1.00E-04	0.11570781	0.2079798
0.67965187	0.43761194	0.68051467	1.02013682	0.90314716	1.59542288	1.75467893
0.46983037	0.44407608	0.58020045	0.35362142	0.9290751	0.75806083	1.00656153
3.17906659	2.79509443	3.12951946	4.37617222	4.5266124	4.58678332	4.50851805
0.77749886	0.79059877	0.64351457	0.57353605	0.54848334	0.40694795	0.20688607
2.13171717	1.55310177	1.70202716	2.28056152	2.64380683	2.63518292	2.54633348
0.0330996	0.02134834	0.10364634	1.00E-04	0.36009837	0.06630141	0.23230354
0.17521569	0.15730123	0.22313834	1.00E-04	0.11851492	0.19145744	0.17782666
0.67714046	0.91324716	0.77317543	0.18630287	0.16847394	0.6863658	0.91496085
3.48947334	2.7519014	3.04203725	3.52779333	3.960045	3.77332191	3.72733608
3.49552173	3.21742374	3.30556824	3.19806602	3.45377786	3.32402027	3.23607586
2.20538123	1.89199762	2.02161703	2.30842925	2.52372362	2.59485302	2.55458175
1.6339793	0.74461257	0.74020299	0.96222335	1.2490867	1.31117411	1.12918027

1.94572695	1.78594228	1.8689253	2.05554897	2.45507443	2.2583337	2.31263961
0.73877808	0.42762462	0.50046628	0.18958861	1.11061028	1.26227201	1.26844849
2.51970625	2.41586995	2.57131597	2.39243091	2.76422141	2.59903137	2.82346886
1.49277005	1.53408504	1.59417014	1.89614232	2.42624106	2.01350288	1.83020625
0.28700334	0.20934224	0.2850749	0.4465487	0.67157916	1.01513118	0.55683407
2.14220747	0.98463063	1.46462172	1.13109594	0.99815774	1.26476458	1.39287765
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04051131	1.00E-04
1.00E-04	1.00E-04	0.01695472	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9732523	0.8595901	1.00556639	1.28097798	1.37867593	1.22363133	1.71501241
2.32759337	2.10355764	2.08860915	2.12652147	2.18582678	2.35011439	2.44906181
3.0097536	2.79071281	3.0238565	3.03077975	3.3829037	3.44468065	3.57591053
3.19220102	3.29015673	3.3005281	2.54831782	2.61384786	2.93409249	2.98291142
2.17829116	2.26658955	2.19334938	1.99743139	2.68902636	2.47956942	2.6378684
1.65720854	2.09921226	2.03232777	0.53793721	0.40261114	1.1079346	1.37880403
2.03164612	1.83389981	2.16750693	1.37332683	1.96422212	1.77913386	2.06232805
0.18173684	0.10398902	0.18845098	1.00E-04	0.18740966	0.41767771	0.39091983
1.78563117	1.27483882	1.34705089	1.28710346	1.40661745	1.10499924	1.07932189
2.22614008	1.11106631	1.08044066	3.05311101	2.45436651	1.56521834	2.17224893
1.27541695	1.01292931	1.15363039	1.43619918	1.30901104	1.42038027	1.24178377
0.56306149	0.28728962	0.32327398	1.00E-04	0.3611791	0.76069363	0.74106151
0.11527747	0.07952426	0.03132062	1.00E-04	0.12556222	0.25367556	1.00E-04
0.05706134	0.2137115	0.20196082	1.00E-04	0.2741551	0.59212174	0.46524172
0.02485654	0.14423713	0.20096006	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05031305	0.02995448	0.02869859	1.00E-04	0.15771094	1.00E-04	0.51788905
2.71556773	2.78275439	2.86542939	1.15272419	1.86450733	1.63510515	1.98822585
0.28771733	0.2111056	0.3143067	0.37279433	0.53518917	0.62472882	0.84265715
1.71546343	1.71818363	1.89253516	2.76711695	2.72768845	2.61149464	2.94512719
3.91334593	3.16982176	3.48941377	3.3499345	3.11130719	3.15778104	3.29714185
4.38627569	3.48544325	3.88847981	6.30289828	6.46873923	6.43770049	6.39036775
4.66278456	4.32951697	4.55837579	4.53569423	4.42513473	4.56130293	4.68181187
0.02967511	0.01282069	0.03585777	0.25752573	0.62509417	1.00E-04	1.00E-04
1.16996228	1.04279365	0.61147444	0.50390513	0.21460055	0.26350562	1.00E-04
2.22722164	1.98345635	2.3309817	1.87242053	1.88877874	2.45727016	2.33183626
0.84608691	0.4291668	0.46591961	0.79875281	1.23408744	0.82067113	1.16998403
6.49150492	6.24450865	6.18680619	5.97811366	6.20457158	6.0985849	6.15871848
6.02794534	5.47199818	5.38720461	4.93612287	5.23009128	5.11771747	5.13609764
1.30945695	0.68660276	0.74906529	1.62850422	2.53019268	1.9521971	2.18832043
2.12923544	1.84038096	2.01587041	1.95571663	1.92617279	2.0231708	2.2753817
0.15675717	0.08798144	0.07636145	1.00E-04	0.25320886	0.16793131	0.40185936
4.44944536	3.90354394	4.25966281	1.90627787	1.84622987	1.99779696	2.2786601
4.63933769	3.97805935	4.28075408	1.53800399	2.06259375	1.57949383	1.79324523
0.12206862	0.06711926	0.08345854	1.00E-04	0.03184936	1.00E-04	0.16431068
1.71781914	1.66621374	1.69428016	0.29370736	0.42272431	0.88041807	0.59513458

1.72259347	1.59324477	1.67962848	1.08382041	1.94069123	2.64615516	2.69999404
0.02551801	0.03036668	0.09315543	1.00E-04	0.26116211	1.00E-04	0.17465315
0.0416888	0.00678572	0.02729076	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4083298	0.26669969	0.38539953	1.00E-04	0.21804158	0.07513891	1.00E-04
0.62855388	0.49700628	0.66493429	1.00539333	0.59174831	0.52883287	0.99025287
1.05121029	0.75465857	1.12972062	1.69500998	1.06551269	1.25100891	1.14304216
3.30163985	2.65858258	2.9207792	3.63354609	4.21086533	3.84175381	3.95375854
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01205631	0.06669838	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09875531	1.25900501	1.59626016	0.54945156	1.44669318	1.64594421	1.44201492
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0.25983427	0.3731229	0.56750994	0.95982375	1.11206122	0.74000219	1.03334782
3.22002109	3.03720671	3.12857451	3.20685109	3.5260941	3.57888726	3.47733601
3.33042164	3.63855975	3.68837624	2.10466689	2.94314091	3.08177279	3.28290521
4.16340807	4.6333929	4.52926418	1.19990657	1.82855648	3.0649699	3.08404582
1.3982146	1.64212837	1.60691241	1.86477039	2.26996406	1.81002387	1.99288277
3.99182258	3.81266501	3.85214132	3.52196321	3.80228881	3.65876809	3.71876765
4.51440068	4.37823695	4.46194323	5.09471174	5.27898779	5.38219505	5.40276702
2.48575648	2.46782869	2.63544432	2.24405412	2.25978144	2.52178462	2.66560977
3.98854714	4.0192807	4.05754199	1.50702781	2.2754595	2.75267474	2.61460552
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3.01807035	3.51062797	3.45891611	1.67243248	1.96050536	2.73676892	2.69387232
4.13158816	4.43565385	4.66626059	2.91596115	2.98225426	3.54624405	3.55263902
4.03205009	4.53826076	4.3920937	1.99901318	3.131137	3.53085528	3.76856487
3.30765782	3.76832058	3.78366239	2.17756187	2.46172507	3.11464388	3.11278942
1.42703552	1.4012957	0.97283313	1.02334158	1.35636589	1.18118088	0.94654828
0.72884743	0.31909715	0.39748658	0.47084305	1.20032207	0.33794917	0.86334986
3.77688574	4.28096587	4.46872848	3.9153785	3.69315761	4.07762289	4.20531939
1.29558304	1.54024654	1.74413432	0.66669459	1.12180443	1.3082647	0.90065544
2.39412053	2.02376473	2.12682189	2.84076878	2.91559965	2.95977469	2.99597228
5.6192449	6.21971159	6.11373597	2.73403042	3.11426284	4.08574067	3.82077866
0.07929466	0.12947375	0.16669917	0.43988282	1.02194243	1.05156607	1.44383688
6.13598384	6.70501422	6.65094048	3.99713772	4.30692479	4.81485714	4.77004047
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3.05348799	4.45882698	4.24425098	1.67053811	1.33304623	2.60033947	2.11741762
0.13860846	0.133072	0.1980724	0.23082758	0.4681519	0.05428396	0.25389125
0.48016153	0.42166435	0.55500961	2.20967249	3.0822592	2.64555675	2.60083085
0.76677825	0.32452495	0.38690135	0.5801248	0.83551163	0.99251624	0.72432318
2.50110004	2.83922284	2.8265759	1.73506494	1.89479807	2.22375136	2.45742527
2.14619709	2.14065635	2.22372244	3.06950418	3.02701582	3.08634779	3.31014895
3.47194395	3.54509409	3.63034182	0.78755485	0.95737521	1.81834324	1.73076665
2.32521883	2.81034412	3.33714232	1.09746576	1.29802795	1.31186196	1.39387821

0.05520368	0.01199544	0.40455638	1.00E-04	0.1451227	1.00E-04	0.38655576
0.37989088	0.59619592	0.26362523	1.00E-04	1.00E-04	0.40254007	0.46919351
3.86264361	3.51336395	3.60426228	4.30323008	4.57311283	4.53222133	4.56138161
2.14688186	2.10117215	2.52289033	2.83922276	2.84980901	3.30009152	3.31726365
3.68707662	3.71027854	3.78114751	3.06527624	3.31442937	3.44780564	3.27717596
3.84673481	3.55636388	3.56172002	4.41002458	4.60503233	4.29019664	4.42263982
4.21666452	4.20005994	4.31601364	4.88194026	4.93779558	5.01069807	5.12503088
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0383319	0.15269207	0.21772123	0.34150378	0.37387301	0.34795431	0.69114297
2.72648253	2.82715682	2.69159975	0.99156434	0.94737642	1.42441667	1.360872
4.56919854	4.39339472	4.33773059	2.27014208	2.95632632	2.63420382	2.4271118
0.29714195	0.28902883	0.4922719	1.00E-04	0.2949546	0.61861868	0.85429576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29235045	0.08971281	0.12385403	1.00E-04	0.34687233	0.035628	1.00E-04
2.15648742	2.61574185	2.5675448	0.58777878	1.51995768	1.29942797	1.03855234
0.88155111	0.97018971	0.90343062	1.00E-04	1.00E-04	0.0664122	1.00E-04
1.94413095	1.76565641	1.73649367	0.15382101	0.41628785	0.6143327	1.07671688
5.51757428	4.84060255	4.67931204	1.92791038	3.10375985	3.67196325	3.53430146
0.58307154	0.42384362	0.78964704	1.23812206	1.01583796	0.64167307	1.33407658
0.1568077	0.1301709	0.22875113	0.30392282	0.59709187	0.42423444	0.28635836
0.21065603	0.03993581	0.04074823	0.2831961	0.11566894	0.04273991	0.22636988
0.04150761	0.08501782	0.09792193	1.00E-04	1.00E-04	0.37205075	0.42164062
4.84749241	4.86273643	4.86887241	3.74655048	3.58578247	3.82799202	4.12059354
4.87467088	5.23017954	4.99422335	2.50540196	2.33913716	3.00476378	3.23556996
0.89045598	0.91180265	1.2631503	3.83088895	3.98983941	4.1337575	4.33393476
3.58877616	3.61393296	3.6335633	2.28439989	2.45786781	2.88298571	2.94627561
4.66057866	5.1312481	5.01536085	2.96508023	3.10205353	3.75535018	3.64050825
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07827153	1.00E-04
0.03037475	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.53128513	3.89228586	3.8680427	1.14408021	1.30205252	2.09790362	2.15644135
6.87915811	6.37340931	6.36381144	3.78193162	4.37437567	4.23317551	4.19996459
0.90729193	1.04789562	1.16508507	0.42980494	0.38707587	0.74682078	1.04402094
1.00E-04	0.00645743	0.1075547	1.00E-04	1.00E-04	1.00E-04	0.19093635
0.05646703	0.10081993	0.14957983	1.00E-04	1.00E-04	0.2304188	0.20257812
0.30008006	0.18016585	0.25480783	1.00E-04	0.2458329	0.17137153	0.37309802
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04580322	0.13107537	0.18214779	1.00E-04	1.00E-04	0.04173771	1.00E-04
0.02487531	0.03596127	0.03132167	0.21056809	0.17383238	0.26179924	0.19133438
0.41713723	0.1095208	0.19026174	0.55867623	0.67722031	0.21248663	0.27020612
0.08621165	0.04083134	0.07598867	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.78791493	3.79864495	3.84656384	3.63026833	3.99197414	3.95054325	4.07041619
2.79230522	3.05769191	2.99709678	2.10312315	2.11662723	2.61426175	2.5862565
3.99597825	3.72527165	3.80176803	3.34205745	3.81674164	3.79721837	3.72427411

2.60143992	2.86114711	2.8828251	2.28827437	2.27587748	2.54563247	2.82127137
1.54116334	1.84859029	1.77052155	0.84270588	1.21797876	1.41959301	1.73412261
3.74154615	3.85569062	3.87928014	3.61520489	3.96504568	3.8983484	3.92848341
2.78153808	2.648409	2.82107556	2.14549186	3.0210535	2.83414503	2.91783726
1.77612796	1.5967069	1.84044849	1.02929148	1.89931625	1.81198218	1.86979994
1.06265387	0.79875822	0.8796761	0.91351659	0.85661063	1.16430138	1.38415518
2.80473172	2.58359866	2.34425396	1.38690014	1.64596114	2.01026263	2.05945943
2.04338661	2.14228994	2.14575431	2.30001449	2.7359617	2.85900178	2.95217153
0.85903305	0.7851897	0.89624718	0.67313489	1.04756308	1.30053336	1.2226588
5.81511797	5.55990721	5.61884144	5.36005707	5.52151176	5.75361853	5.77012999
0.18952069	0.01861144	0.22212283	1.00E-04	0.33358184	0.06238165	0.30724289
6.32311177	6.66248876	6.56591531	4.07570759	3.96071505	4.7201616	4.32395071
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05238783	0.01538495	0.0062741	0.33448231	0.4014135	1.2002182	0.97364639
3.57104795	3.95026031	3.99407886	2.51524598	2.63488921	3.01710487	3.12494686
0.98166617	0.8279008	1.01913693	1.02358331	1.13569738	1.56499862	1.52861364
2.72064308	2.27871274	2.49841054	2.65957263	2.97966946	2.75749648	2.80030929
0.49488376	0.14389945	0.12135158	0.19636324	0.11680348	0.26164069	0.06044523
1.33350839	1.21632582	1.34899603	0.8684177	0.67262054	0.92510414	1.03581721
1.1040475	0.84526189	1.07425521	1.33537993	1.5540914	1.21255151	1.22869428
0.6169321	0.75723574	0.62298143	0.65971189	0.80479202	0.9091709	0.61176202
4.89882342	5.37996877	5.35532024	3.6991024	3.93839081	4.33257607	4.2577195
0.78451707	0.47640326	0.39080686	0.84024516	0.94541875	1.06587638	0.98156755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01977455	0.02470872	0.24622257	0.18879005	0.06341008	0.12424801
2.34222761	1.99449436	1.96213598	0.31974704	0.09532809	0.27119107	0.07294462
0.16894694	0.10040565	0.07452123	1.00E-04	0.71360385	0.45225059	0.18511561
0.94182444	0.6013532	0.75912739	1.00E-04	0.1411538	0.64022539	0.72388764
5.87679839	5.27096413	5.38785272	5.82932465	5.87498642	5.84914906	5.86430152
3.89441515	3.4828478	3.64663636	4.10187368	4.48900402	4.33525126	4.36512955
1.57779114	1.423997	1.42746983	2.56729563	2.49336919	2.37599247	2.69606491
1.706019	1.59358144	2.02643202	3.14146427	3.14636778	3.31560912	3.06948088
3.91973623	3.42980662	3.50666455	4.49322115	4.52534622	4.19521703	4.02058547
0.43460263	0.54850769	0.65968707	0.49216689	0.60748415	1.12783275	1.05338384
2.01902406	1.98293775	2.13251282	0.95911173	1.37363541	1.82859159	1.75209015
1.93986482	2.16641246	2.09177803	1.07255862	1.73165016	1.9509734	1.88714197
0.13508781	0.20306018	0.09813614	1.00E-04	1.00E-04	0.07401929	1.00E-04
3.56290525	3.0165906	3.22744571	4.5647783	4.93610197	4.71557859	4.66728799
3.2068348	2.94909403	2.95712327	3.66722867	3.8078491	3.53654566	3.57555881
0.06250513	0.03287747	0.10497246	1.00E-04	0.13968132	1.00E-04	1.00E-04
2.84533681	3.36823421	3.54779734	3.85076379	3.88556648	3.67441811	4.39473065
3.77087049	4.20121322	4.10184785	2.17345145	2.68047067	3.26979353	3.46368066
0.9980504	0.4837218	0.6968779	1.0114242	0.61368617	0.45298487	0.50581248

5.31351221	5.30032843	5.23222928	1.43931149	2.66594911	3.10979403	2.8106856
3.62789524	3.57732689	3.44655271	1.69565732	2.49009558	2.70303225	2.36594009
3.95879732	4.13279939	4.1522743	2.47552096	3.09849944	3.08525376	3.20361379
0.77674701	0.59061631	0.79047285	1.90029951	1.58046556	1.16665294	1.71041076
2.86022234	3.04312268	3.14084842	1.00E-04	0.70704813	1.17035319	1.17033428
0.18842246	0.03297424	0.09394838	1.00E-04	1.00E-04	0.06559019	1.00E-04
1.7451701	1.41154929	1.85962479	4.03023902	4.49243129	4.40832789	4.405918
2.72811311	2.94923203	2.98321368	1.82600375	1.94827329	2.40422386	2.37600974
0.10712515	0.0776508	0.12308046	0.47042781	0.16605093	0.44776693	0.61340505
1.00E-04	0.02224126	0.02444493	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10261543	0.19429704	0.26237055	1.10521263	0.62618696	1.06709464	1.07239309
1.65545338	1.92456457	1.98593842	0.35306157	0.74400002	1.1292658	1.86783116
1.75237832	1.04743675	1.34465055	1.59892305	1.64522527	1.48849513	1.47472244
1.0714655	0.67048368	0.73336642	1.21394478	1.01693576	1.11187305	1.2379047
3.86339189	2.8985115	3.38163915	3.52386665	3.74021001	3.37107112	3.53776552
0.97926647	1.09576678	1.20016	0.17556621	0.23462625	0.32411267	0.26840157
3.93511345	4.13956746	4.16392122	3.02613384	3.416127	3.62110907	3.5666992
2.74930831	2.86842491	2.98693807	1.52543703	1.94530112	2.59078023	2.10940533
4.03800212	3.88807475	3.9432643	3.60072104	4.03274078	4.12898416	4.01244324
2.75145927	2.73575499	2.70881238	1.95752016	2.61110196	2.50502266	2.54227925
0.59926356	0.36047428	0.50142148	1.18827533	0.9971459	0.78697623	0.89755454
1.74808507	1.18102751	1.23275978	0.97389117	1.61900501	1.35033553	0.89122616
2.37678037	2.54349341	2.61605396	1.92572091	2.19359216	2.38695543	2.61984751
0.11921222	0.00845869	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60657784	0.24218955	0.2996065	1.00E-04	0.47867135	0.6555971	0.93342936
0.15081625	0.0383926	0.06260931	0.1639191	0.28588869	0.41081928	0.55368258
0.30967369	0.23299199	0.35595588	0.1523795	0.51776998	0.40695538	0.85934455
3.13057282	3.61416424	3.59911604	2.42739239	2.82288302	3.22931713	3.01655329
4.04360349	3.41740093	3.78961815	4.60908865	4.98970725	4.91178279	4.7853635
3.89012147	2.29539052	3.36076774	3.21263048	2.66576444	2.39547858	2.6794339
0.80113159	0.86558269	1.03619821	0.53561171	0.51533583	0.57601247	0.49188271
2.93696981	2.53297479	2.94484327	3.78665654	3.88774279	3.8717181	4.01876014
5.75023655	5.02529713	5.02535821	6.12252141	6.29474695	6.24867721	6.25540824
5.32051738	5.00876275	5.17705448	3.73267392	3.30158786	3.48581139	3.45018435
1.99784371	0.91625137	1.08987347	2.85349274	2.62303979	2.42864251	3.23869104
1.00E-04	0.03916284	0.02736696	0.33124131	0.24527231	0.33107502	0.51633067
6.75427526	6.45290626	6.433332	4.58464972	4.90464581	5.48339739	6.06755524
5.87815579	5.71264441	5.6444011	4.2130821	4.5782464	4.83730988	5.1432299
6.81791355	6.48602193	6.27150813	3.86526922	5.07751766	5.38647664	5.08404987
5.47611496	6.05268756	6.1779379	1.6737426	2.45749476	3.54758047	3.25519209
4.89684146	5.40733688	5.74916714	1.24154377	2.21537259	2.92424498	2.81450693
1.50096561	2.46022799	2.95809505	1.00E-04	0.50558255	1.15068054	0.46996231
0.77607924	0.66994933	0.792962	1.40326828	1.3301043	1.83402798	2.56598657

4.62208733	5.99535267	6.37145149	1.72549631	1.74500778	3.55793359	3.46978326
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6.31072503	7.00755326	7.16923939	3.01451702	3.16759129	4.11983133	3.85298193
8.13252197	8.90257083	8.9921866	4.80424746	5.01044708	6.28361766	5.9491284
7.73762145	8.2628938	8.35487018	4.19497335	4.42561894	5.48912643	5.23391813
6.49123552	7.14489226	7.23090265	2.90476222	3.34589891	4.48572646	4.06346954
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2.06942007	2.08068068	1.86069851	1.17088496	1.1720717	1.16987744	1.35022259
5.66740305	5.11298164	5.20254721	5.78032428	6.11795381	5.88698799	5.79258375
4.73210096	4.23559096	4.32911997	5.25515168	5.55473706	5.56549363	5.46226332
3.32761794	3.11345858	3.24014827	3.11047244	3.37637191	3.33532308	3.37899202
4.87896775	4.59813437	4.83980748	4.13292628	3.88747556	3.92455549	4.13689999
4.63838459	4.33451342	4.27000418	5.5469339	5.60465841	5.61096043	5.63929525
2.42577939	2.16867053	2.34846785	1.58155523	2.30618916	1.95528294	1.93724037
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2.6542535	2.89238742	2.82228147	1.56510256	2.05533707	2.40918173	2.15049612
2.81983803	3.16311942	3.21240046	2.13713827	2.43992308	2.61022478	2.9617875
0.55545446	0.78411491	0.77401589	0.21080804	1.10385827	1.49442999	1.67755263
3.69240404	4.43028016	4.34866567	1.82093752	2.25988069	3.33488136	3.26077877
1.35804649	1.20296118	1.17358437	0.655857	1.26798372	0.91554217	1.36271961
0.25230336	0.10363895	0.20505681	1.00E-04	0.71663833	0.99145253	0.68355786
2.84338976	2.67284491	2.78975899	1.02676399	0.81409663	1.35430429	1.42926298
0.65418562	0.76137734	0.72226863	0.50833417	0.70594613	0.40435414	0.4457134
1.03630874	1.17226095	1.31739506	0.34225336	0.70728927	0.43179226	1.15503576
1.53451447	1.44807853	1.39404719	1.62667417	1.23239692	1.36773582	1.55637998
0.68621002	0.83297531	0.76349976	0.16691144	0.8991817	1.02569054	1.17142631
0.31612242	0.37290248	0.13951709	0.39844425	0.30951459	0.77233795	0.85505943
2.27399385	2.55922888	2.43770371	1.26063921	1.30483884	1.92916451	1.22629068
3.74069948	4.02424592	4.02258105	3.15250684	3.20465893	3.52945106	3.24008493
1.00E-04	0.03560028	0.03512316	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.7766956	2.98504937	2.93454349	2.03790042	2.25615626	2.31639327	2.27522774
2.7981635	3.0698622	3.31155288	1.43542374	1.65244256	1.28254753	1.72283509
4.97371269	4.52251265	4.5712864	4.6310457	5.15789581	4.88646742	4.77237348
4.65328357	5.13650182	5.0787539	4.0259904	4.40772201	4.65889644	4.77713911
3.35208562	2.82956417	2.50899619	3.29828993	3.24951518	3.03829484	2.88264936
4.43543943	3.88768315	4.02165963	5.16309093	5.41127002	5.27856713	5.28798832
4.93738206	4.4386604	4.48036752	4.7973239	5.26099651	5.111172	5.00437005
2.51867306	2.22981009	2.5556107	4.95529061	5.11494334	5.18899946	5.00759247
2.93734551	2.62541778	2.75799996	2.7949825	3.31577919	2.95732681	3.03614189

4.49525168	4.01172628	4.49027794	5.27207843	5.45649426	5.42506413	5.549026
2.15210663	1.74035368	1.70557674	2.4681589	2.7346966	2.59610518	2.67309633
3.44969633	3.54432196	3.61901587	2.48051473	3.03541485	2.97396096	3.17833399
1.20010768	0.86308073	1.07318605	2.04036243	2.30036172	2.07068512	2.26934718
4.61017786	4.2833702	4.46158908	2.76610711	3.00778428	3.25256598	3.10982357
3.71581052	3.05571171	3.67147725	4.40710414	4.58121463	4.51040768	4.65043281
0.27171503	0.41993512	0.5068055	0.81226733	1.35265299	1.08166808	0.5394144
1.61259857	0.9749964	1.31507577	1.42898152	2.40139312	2.28033391	2.73127287
5.52357536	4.86166388	4.99088803	5.12213136	5.51922903	5.41066918	5.393923
4.46658135	3.94626903	4.0867405	2.37667456	2.94898151	2.19505915	2.71326372
0.76344186	0.55309574	0.75623489	3.15266038	3.56922046	2.92252357	3.17435791
3.96610933	3.55689606	3.93553898	4.37167118	4.52607128	4.4635914	4.51127565
3.92153976	3.50104869	3.55750081	4.54844454	4.68907079	4.74392709	4.63380699
5.94712088	5.39738667	5.43337402	5.93503297	6.13455631	6.02302701	6.10843981
0.78522716	0.71628217	0.74916016	0.87701408	1.271219	1.78226827	1.99156061
2.95827151	2.94918831	3.04381408	3.41169649	3.6806072	3.65774252	3.69001248
0.55338795	0.42119147	0.6341637	1.00E-04	0.14032172	0.25839774	0.26053843
5.6625549	5.71421847	5.29303558	3.15964737	3.78474415	3.65710853	3.31454428
2.11704435	1.57511721	1.76742436	2.07078068	2.62008477	2.12612938	2.06590092
5.74928328	5.10689117	5.20785855	5.65135772	5.7845205	5.75897996	5.80482068
2.80667656	2.91881205	3.03927232	4.08976304	4.13218908	4.11609105	4.32160102
1.59028066	1.57350309	1.68268457	2.30717513	2.56103456	2.43208522	2.48395283
4.15680536	3.5540918	3.72951319	2.64514004	2.92185235	2.42782647	2.96512338
5.15740335	4.6785455	4.43683998	5.65590935	5.90637236	5.69154717	5.74845444
4.18863773	3.8663156	3.91143901	4.61597832	4.80959404	4.93673324	4.90145853
0.13332762	0.10304942	0.17290158	1.52722801	2.02844815	1.56030523	1.86534075
0.3809578	0.1996479	0.25987661	0.84497239	1.22838302	0.94694779	0.58204038
1.4086889	0.98593431	1.03828048	2.2178929	2.38155292	2.03171379	2.37799964
4.01196888	4.07495342	4.05358805	3.03187463	3.30812923	3.39931901	3.51586245
1.0986344	0.97462662	1.07712736	2.39126862	2.3458266	1.87801954	2.21756546
3.15293715	3.64350582	3.54747785	2.28266513	2.68562957	2.83366786	3.07412084
1.89067717	1.98175243	1.9835715	2.54653215	2.70426053	2.87152285	2.97276471
5.25351912	4.78546355	4.97996586	5.6995764	5.79688501	5.90893627	5.90087191
0.71006024	0.53693076	0.59925091	0.38717575	0.66934537	0.24024057	0.51660374
0.25631379	0.12974528	0.10732537	0.3980199	0.67635278	0.93229759	0.85517383
0.28393362	0.11708022	0.07622273	1.00E-04	1.00E-04	1.00E-04	0.44703964
0.99496993	0.48680151	0.46038336	1.11708409	1.14659653	1.33652523	1.15989019
4.83703964	4.40602742	4.42456365	4.96648987	5.12212386	5.10702451	5.04575052
0.06410589	0.15743509	0.23273535	1.00E-04	0.81700887	0.53087453	0.6481355
3.9187966	3.79523365	3.86124934	3.58658416	3.98383657	4.16666687	4.18411094
2.33919444	2.68367023	2.7920433	1.81138203	2.2064228	2.5242361	2.55738633
0.13721638	0.1118244	0.05747503	1.00E-04	0.34980067	0.12291157	0.18624574
3.96462565	3.49228831	3.37672494	3.67438557	3.86417747	3.78771954	3.92079732

1.04355834	1.14436001	1.2357113	1.00123505	0.91706246	0.89830186	1.28721154
4.69789527	3.91210728	4.10142046	5.00002101	5.23919485	5.0396502	4.92929284
1.49594647	1.09448373	1.27796627	1.13299255	1.61587129	1.24981435	1.57368541
0.09485015	0.12770383	0.1460687	1.00E-04	0.35053968	1.00E-04	0.18376354
3.62933093	3.11018397	3.3580652	4.25058252	4.60346073	4.37761964	4.4363798
2.93410209	2.55428352	2.81104904	3.2394572	3.34141945	3.51524146	3.55121138
5.07859162	4.44506075	4.50602442	5.07968646	5.40514822	5.33222725	5.28696371
4.99847475	4.74378512	4.55787407	4.6021005	4.68765149	4.74839057	4.56864061
4.1336208	4.1537521	4.31944167	3.75081462	4.35895505	3.79468631	4.17794415
2.85190937	2.55912967	2.81108167	3.1582513	3.37947495	3.39696027	3.4695137
3.58183851	3.0548923	3.23078362	3.55748541	4.05308513	3.91002926	3.90213785
4.40803706	4.38551727	4.43784712	3.83399071	4.18801219	4.11864515	4.11021702
4.26613915	4.10076481	4.16623501	4.97227813	4.95474681	5.23685515	5.32081647
0.68915539	0.3202054	0.41209588	2.99678803	3.03994054	2.65237486	2.84661318
1.30245649	0.70959214	1.01898126	2.71717397	2.97960573	2.51841057	3.03490517
1.78680537	1.99950601	1.7219644	0.46242579	0.62078409	0.42735903	0.08051339
1.85231255	1.84848761	2.04301474	1.00E-04	0.44680179	0.52667519	0.87610312
5.89743351	5.08386218	5.30599181	2.23549861	3.18694565	2.86425732	3.0645539
0.47229557	0.42062492	0.45797053	0.8568822	1.20554029	0.96271762	1.23499522
1.00E-04	0.00440025	1.00E-04	1.00E-04	0.50236224	0.2551485	0.31202496
3.38777278	3.77297095	3.8237503	2.626945	3.13157234	3.05132601	3.11220756
3.33844594	2.78604378	2.9480458	3.15648864	3.5437151	3.39251956	3.59017614
0.13234412	0.14058173	0.15235785	0.40271435	0.87372116	0.24156414	0.70800756
3.13827971	2.88684038	3.09296028	3.49051806	4.06451991	3.90031361	4.03359824
5.00774887	4.51591387	4.61240989	5.05553642	5.50061235	5.48088799	5.43196938
5.0658984	4.75580087	4.71305484	5.03999744	5.34435077	5.31457916	5.36144763
4.05562634	3.65133702	3.86044773	4.09770741	4.20841123	4.20981621	4.49161678
0.51398478	0.46697987	0.72783721	1.53093968	2.03686014	2.57274384	2.63823944
4.85449565	4.40624997	4.77342408	0.76863322	2.0782197	2.26277562	2.39882324
2.75958284	2.73371725	2.69560105	1.56178848	2.05892059	2.15711727	2.01734499
5.55679565	6.28513908	6.14977545	3.2221204	3.63664285	4.55806861	4.35387994
3.40321042	2.97764134	3.20808515	3.83722478	4.06803758	3.86111995	3.99368675
0.58345784	0.10971152	0.11654203	0.4688026	0.47823879	0.19889698	0.6027231
4.33794564	4.08251782	4.17515761	5.19134356	5.24599039	5.20118437	5.10912728
5.24794282	4.65330625	4.76917412	5.58704622	5.7657706	5.77729816	5.7758273
2.8811973	2.41420249	2.53145884	3.822489	4.03522517	3.75447636	4.06648581
3.58015249	3.19832652	3.35215801	3.82510359	4.24869068	3.99715355	4.2876573
1.22167623	1.20139026	1.28932269	1.3908527	0.90676205	1.37742098	1.43609815
2.92645611	3.03479741	3.17344683	1.01089192	1.29309046	1.27517875	1.6086475
0.26966208	0.29897609	0.21514348	0.22643458	0.59525231	0.76252724	0.58474095
0.43774275	0.31940977	0.42999618	0.60344966	1.39350256	1.36019448	1.21045495
1.00E-04	0.00658695	0.00760276	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12163924	0.06183871	0.07897514	1.00E-04	1.00E-04	0.04344841	0.26662701

0.23185437	0.43913582	0.61021632	0.54626822	1.21100489	1.17005964	1.4913844
1.00645018	1.07195476	1.12783103	0.96687346	0.78131853	0.67121356	0.41911717
4.72705661	3.88636066	4.05028101	4.68049268	5.02862049	4.89555003	4.79299986
2.89634598	2.83704611	2.95339163	3.65757107	4.04951093	4.0680334	3.79333992
1.50785335	1.31029037	1.47198242	5.04466629	5.34612777	5.22940814	5.11230914
2.02730766	1.59918441	1.62893113	1.15091575	1.66278406	2.07199648	2.0609245
1.00E-04	0.00883245	0.00771946	1.00E-04	0.27169628	0.09173392	0.17872881
4.43487542	4.37427103	4.5237458	2.75339498	3.27223834	3.39161795	3.35771903
3.04804507	3.27409954	3.26809144	2.39952278	2.65234441	3.12315652	3.26741527
1.88209016	2.0691775	2.31998421	2.18074702	2.13734619	2.47246316	2.56260797
0.38274713	0.28451878	0.23252225	0.63111505	1.1248863	0.33324806	0.43243437
3.59335865	3.13319457	3.36933839	2.52838883	2.96583097	3.50732487	2.65652485
1.00E-04	0.09677274	0.04210251	0.24672226	0.25920746	0.13801416	0.1477793
1.00E-04	0.07801978	0.04280027	0.21105484	0.55450323	0.47867865	0.39541961
5.15661408	4.96611002	5.03854631	5.57877548	5.82604175	5.75303844	5.77168122
3.13864787	2.69492709	2.88102878	3.87760184	4.2757781	4.10585419	4.06435332
2.51357583	2.58179467	2.8223559	3.41770334	3.71855754	3.62381293	3.63096804
3.96304796	3.96296273	3.94350385	3.85968994	4.09825725	4.43841539	4.43826461
3.37880529	3.76058707	3.75983188	2.84839195	3.01682317	3.50666465	3.67570174
0.03474273	0.09826622	0.23269875	1.00E-04	1.00E-04	0.26068512	0.58207427
4.78153585	3.89198058	4.08423131	1.48353909	2.17009404	1.56064663	1.52210935
3.04539336	2.98310562	3.0055743	3.056375	3.36479693	3.37844668	3.40752948
5.25395854	5.34796836	5.28851468	4.89673928	5.00862672	4.98263519	5.03346073
3.02403138	2.84228637	2.8768006	2.61457855	2.91582781	2.68586258	2.60510184
0.31475051	0.17427706	0.18805609	1.00E-04	1.00E-04	0.09370023	0.16174689
3.56734429	4.0259045	3.96518917	3.0042136	3.01640119	3.20997687	3.26767996
5.30073291	4.57766983	4.76433298	5.16476685	5.43105894	5.36029345	5.44103892
2.811149	3.03938306	2.95290147	1.81676055	2.30898692	2.44865543	2.17705955
2.31979189	2.17280808	2.39239421	2.57801845	2.42171537	2.64801035	2.72985066
1.60819423	1.91161286	1.92076668	0.22002027	0.3863132	0.88310438	0.84717128
1.32536941	1.39996927	1.54912245	1.87415569	1.83669216	1.86979364	2.3694611
6.91074316	6.38516819	6.48727325	8.06069882	8.31155314	8.2540049	8.26145439
4.46413169	4.06209376	3.92577432	4.35780652	4.47913226	4.53437534	4.6061391
3.64147812	3.90401382	3.85916708	4.10732928	4.09351861	4.25300777	4.36390738
4.46974217	3.98864364	4.06001071	4.33482374	4.61209779	4.35173264	4.40847995
0.56758415	0.30613087	0.44277849	1.90234694	2.22984261	1.69134376	1.80423296
0.30027098	0.08112169	0.22062207	1.00E-04	1.00E-04	0.11038715	0.21940721
2.44805895	2.64069838	2.82002163	1.67155799	1.95568238	1.91670313	1.71382394
6.1557726	5.87643745	6.08490681	6.71402844	6.59458402	6.67035931	6.65874752
0.03108513	1.00E-04	0.02277725	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.40155455	3.98766048	4.22462102	4.92423112	5.11361121	5.13528545	5.14673312
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2.42101309	2.08925725	2.30367164	2.31116751	2.57833882	2.66497141	2.78979741

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0.35433868	0.39056737	0.34993877	0.29854359	0.39260673	0.43401739	0.68653722
2.07615204	2.28166167	2.25700383	1.20821567	1.65983905	1.9894818	1.86690797
1.54386398	1.38269124	1.75293059	3.71560342	3.6861539	3.48185937	3.96285994
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1.72095248	1.21154696	1.07684074	1.83292678	2.25062885	1.84118171	1.22042442
0.71139571	0.35943114	0.50365329	3.46224363	3.2278005	3.19589998	3.58980279
3.58390607	3.83215734	3.551995	2.35102968	1.53263002	2.02548207	2.09031022
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0981648	0.07535263	1.00E-04
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1.13829256	0.7388626	0.80186226	1.76621195	2.46721587	2.083338	2.05970164
1.24500776	1.32325713	1.37707415	0.8632971	1.30231512	1.13979241	1.05910456
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1.80296168	1.85999167	2.13147953	1.15138933	1.9027604	1.8731969	1.89870821
1.14056283	1.25622951	1.37206918	1.08111399	1.14490959	1.24742133	1.55085057
1.94780218	2.00581218	2.03576654	2.44763302	2.87239732	2.69098937	2.66235761
2.85487873	3.2439243	4.05130592	2.5211488	3.01284432	3.66409759	3.27403292
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4.24647031	3.69250018	3.92975881	4.92836346	5.18103854	5.107817	5.0579333
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1.70424517	1.15795128	2.00913984	0.98609245	1.88279648	2.21256167	2.03974037
3.68693669	3.38740873	3.42934275	4.36169202	4.42344665	4.572395	4.56823909
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2.06640995	2.86084333	2.76114675	0.9862267	1.1750886	1.69669336	1.80952068
2.85854737	3.10720656	3.02105196	2.05508946	2.4138573	2.49230102	2.35880879
6.3237526	5.91205687	5.8639295	3.4881984	3.61369976	3.39455637	3.56666836
0.9119043	0.54154431	0.59294087	4.42910485	4.52072596	4.95906325	4.74332743
3.52303693	3.93656507	3.90108291	1.19769783	2.00601549	2.61193117	2.53917142
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1.05505142	0.58711947	0.97273226	0.66605817	1.13547496	1.02934439	0.84197778
4.343281	4.75586843	4.71230211	2.94681483	3.59264996	3.95972578	3.85941321
0.50091492	0.37707499	0.56366831	0.66151982	1.12689517	1.12980969	1.1508958
4.21126468	4.632956	4.49664266	2.01107269	2.71500591	3.27161137	3.08306221
2.03564327	1.05344	1.12625629	1.39197789	2.01242697	2.06055062	1.80051578
1.01785113	0.93457093	1.02067934	1.92212416	2.24385136	2.17945694	1.98011264
5.00051572	4.21764797	4.30402808	3.91075996	4.24666608	4.14448999	4.19618468
4.16311178	3.63514841	3.82943022	4.58800021	4.91515164	4.78626087	4.89565132
3.8966638	3.47800862	3.65197028	4.54134364	4.76055852	4.55756062	4.50480574
2.08679577	0.62178663	1.0922284	0.83002499	1.44137876	0.84036064	1.0877384
4.52182603	4.22664427	4.40776133	4.22770433	4.83454526	4.5962755	4.50745993
0.29596922	0.29394123	0.29657929	2.16110808	2.69755041	2.49725002	2.4608596
3.28675731	3.65111341	3.53743147	1.42834458	2.002512	2.30640858	2.37651407
3.51369327	3.67257048	3.67688704	3.48013519	3.70022517	3.90226872	4.01102171
2.17484548	1.86567995	2.02241324	1.86071505	2.11258923	1.91414978	1.8607103
1.19777551	0.51974798	0.60386487	1.44769221	1.91734218	1.17067005	1.46345047
4.19930575	3.71421098	3.83003768	4.85384658	5.09713315	4.93259587	5.01413977
1.78096515	1.88795163	1.89873123	1.56036578	1.30324646	1.72326427	1.62415807
3.52898926	3.3199129	3.50921464	3.52585104	3.71257132	3.82069515	3.8341752
3.28931576	3.4359502	3.42348954	1.79604646	2.19301143	2.80943357	2.85046984
2.62269532	2.76405751	2.80580189	1.63289562	1.69695967	2.39768705	2.47360083
2.88283427	2.78758302	2.72361869	2.75876085	3.01508879	3.01090908	3.05767638
2.25167226	2.06150223	2.55855559	4.18662186	4.90642697	4.87666549	3.82580784
4.9786611	4.28985402	4.47877472	5.29390555	5.58477698	5.50647226	5.49858297
6.35879283	5.67387528	5.76782962	6.37417355	6.65045585	6.58582862	6.53285741
3.64392352	3.14241857	3.38343178	4.07845779	4.25820402	4.19893807	4.17306201
1.12155369	1.35847012	1.28173476	0.77334806	0.09594659	0.80754145	0.31852115
4.09101773	3.56042738	3.73819672	4.20563261	4.50365144	4.36499007	4.33795779
2.51383376	2.53462151	2.70700057	2.22879482	2.46084722	2.49096415	2.69891896
3.35906169	2.68868877	2.91467672	3.50162177	3.80744923	3.53539937	3.68314958
1.41011764	1.61979984	1.5458007	1.1286314	1.45791184	1.50366567	1.41240678
3.09028851	3.21939024	3.1232276	2.30188753	3.05165537	3.1448617	3.23236222
3.05315552	2.71116423	2.88043242	3.52584319	3.97308936	3.57198836	3.56206907
2.8246177	2.80262994	2.84721408	3.14122343	3.23893904	3.51457546	3.6859981
1.73733897	1.44180583	1.59347414	1.35124578	1.66907862	1.5828679	1.74639438
3.6942214	3.46310459	3.64023937	4.13541981	4.4006791	4.51801796	4.50373396
2.68320966	2.2480546	2.36775537	3.15827677	3.46378291	3.1783662	3.41210936
3.39942113	3.39261897	3.41965107	3.28536193	3.49508696	3.42203111	3.50580145
3.45931788	3.19740186	3.18574283	3.68611827	3.81775576	3.66343136	3.67587125
4.41085771	3.795111	3.90436388	4.80216334	5.19607827	5.00140867	4.97381465
2.42552919	2.85882935	2.92199597	2.12276228	2.15339737	2.42305029	2.6801034
3.22524227	3.31531313	3.39671084	2.21900211	2.51964402	2.80835531	2.44657699

2.66103318	2.72833295	2.81643723	2.23436432	2.4853578	2.69168022	2.46401228
3.33540224	3.78923513	3.70160862	1.58125313	2.26713843	2.91419231	3.03878787
3.46089097	3.7176343	3.74673919	2.88007243	2.99574021	3.24358983	3.51578714
3.11334648	3.17645907	3.18072461	2.60848647	2.79261058	3.22218471	3.22975442
2.96129038	3.25564803	3.22636948	1.39763024	1.69660407	2.21546847	2.20746954
3.09511013	3.36740063	3.32504414	1.79242057	1.97859007	2.57525225	2.7333686
1.1005977	0.82442941	1.11822775	1.40774991	1.33967634	1.50662523	1.53137675
0.15738412	0.08041961	0.06210854	1.00E-04	1.00E-04	1.00E-04	0.12748082
6.40715668	5.81641859	6.02190924	4.93407207	5.20074276	5.1861275	5.15433575
1.81063489	1.74265789	1.77907463	2.49972811	2.76324844	2.53503418	2.54002041
4.69162575	4.23573363	4.74022379	1.12219939	1.98590159	1.68867698	1.70306861
4.05873746	3.41050899	3.70384368	4.58339804	4.7175678	4.74333992	4.46973743
3.12970905	2.92697936	2.92560318	0.70720251	0.6989612	0.71146452	0.69404819
0.55952617	0.17907806	0.19670038	1.73673499	0.83067447	0.21194627	0.39158334
1.51329674	1.13488307	1.55633617	1.7434318	2.10542162	2.44007721	2.56311039
2.66984707	2.54569499	2.64166004	1.84877744	2.46100509	1.64267422	2.03798072
4.83276257	4.44383619	4.49951836	3.93974739	4.32484383	4.01942267	4.2689119
0.55590907	0.60539406	0.90735487	1.95874247	2.18150951	2.17213172	2.47816448
0.42566885	0.26412165	0.34244934	0.16185184	0.57716973	0.30055663	0.27128446
1.70521394	1.78482207	1.84744802	1.03771232	1.3965488	1.17931248	1.84348325
0.69850754	0.68823203	0.76838345	0.77171686	0.01838291	0.72358158	0.43039404
0.49187388	0.39432871	0.65690787	0.50127	0.61815044	0.68327223	0.48196392
0.32325213	0.23720048	0.3807351	0.43169573	0.55611388	0.77209908	1.02537812
0.48196151	0.25229343	0.23549959	0.45058884	1.27601046	0.96978312	1.04950855
0.94789307	0.30920522	0.69919572	0.89011285	0.60542641	1.00320774	1.38753842
0.48740587	0.2175924	0.2825305	1.28954161	1.03386299	1.10801049	1.46877887
0.43249214	0.33069734	0.42892016	0.42981498	1.10421308	0.76550155	0.3343334
0.16896713	0.10475444	0.12759142	0.64735074	0.35273218	0.31452216	0.35510956
5.20349712	4.65326082	4.77716843	5.17827107	5.44803854	5.39497589	5.42809606
2.11130095	2.17581949	2.23960936	1.9314545	2.17341209	2.37176231	2.40189532
0.05594119	0.09440063	0.16005571	0.16966037	0.29142238	0.2188368	1.00E-04
1.00E-04	1.00E-04	0.02744181	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01231756	0.01703885	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03996976	0.00707421	1.00E-04	1.00E-04	0.29516474	1.00E-04	0.15146138
2.92867922	3.06555143	2.97520564	2.35087887	2.57522551	2.6528011	2.55944369
0.04272069	0.02270974	0.05938458	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.99675439	4.36426779	4.3189117	1.52512429	2.03442088	2.03742028	2.30861288
3.84994488	3.97552504	3.938376	2.32330535	2.75968959	2.92182516	3.03909016
0.0387637	0.09652007	0.0599255	1.00E-04	1.00E-04	0.11910165	0.53614369
0.1675949	0.08334561	0.12207856	1.00E-04	0.14059799	0.20614743	1.00E-04
1.50613318	1.30269639	1.48999248	0.82718297	1.30190171	1.39516589	1.46405568
1.05354481	0.24331105	0.52690675	1.00E-04	0.96593624	0.29699583	0.84643058
3.2535549	3.0342489	3.22253047	3.54327489	3.74666764	3.82587722	3.89047535

2.602628	2.44659265	2.56038139	3.0239696	3.5327363	3.28873057	3.31975842
4.19774234	4.27882485	4.22179161	3.80425586	4.10443547	4.22740747	4.22400432
0.67004194	0.76194933	0.70675532	0.32842554	1.13185171	1.54260757	1.43818994
4.60917187	4.74847201	4.87382317	2.58868633	2.33838736	3.06373839	2.73616458
2.35922331	2.74596483	2.81921683	0.59628926	0.96656862	1.25441426	1.20680269
2.53285092	2.3196635	2.47377004	2.49362647	2.77360939	2.88201283	3.04271398
4.03672597	3.58001195	3.66363236	4.29858363	4.58398942	4.68325465	4.55706415
3.84196698	3.26470617	3.52054487	4.27079917	4.64169123	4.50605903	4.63105966
1.35639641	1.20818943	1.542148	1.38001098	2.13176354	2.41175184	2.32165261
2.17202867	2.46253656	2.46553578	0.82296743	0.86631424	1.91592809	1.77440755
3.39479161	3.72819704	3.59668052	2.34583472	3.12892813	3.53925443	3.47154617
0.03234517	0.0887096	0.06158371	1.00E-04	1.00E-04	0.07658702	1.00E-04
2.27022894	2.51421169	2.62473141	1.897118	2.31948888	2.5245399	2.32870405
2.04922076	2.53911321	2.38391878	1.31275293	1.87158777	2.14880425	2.07468545
1.1958717	0.73725223	0.97207552	0.78001281	1.74746966	1.99098169	1.94380126
3.38320156	3.0466473	3.14202235	3.5830867	3.72327822	3.65252818	3.62367597
2.84893255	3.22794523	3.17444994	1.02645419	1.90691857	2.31666502	2.41481257
1.00E-04	0.01876769	0.00335226	0.23264109	0.3337913	0.32641704	0.26971188
2.74661161	2.97555436	2.91841621	2.1135599	2.42053308	2.62886008	2.69826543
2.23447116	2.42788918	2.49948659	2.43838132	2.6883744	2.88780268	3.06512709
2.38941258	1.96441067	2.21860015	2.54645429	2.64795964	2.73295485	3.01058194
2.47825741	2.74630237	2.85177089	1.06902225	1.40127579	1.98454791	2.10037252
3.02793459	2.86915478	2.83650891	2.65649087	2.90171953	3.08273015	3.24554469
2.76962485	3.03914459	2.895993	2.0480234	2.15335825	2.58333416	3.01005233
0.06593374	0.03624192	0.03918269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.27854706	2.74554409	2.94644286	3.7015304	4.03220908	3.8675433	4.0592454
3.75505476	3.76565323	3.99027562	3.85357536	4.03581928	4.0753809	4.22349247
0.21838873	0.19946913	0.32965664	0.70531673	0.4713921	0.88837462	0.66331709
0.4664539	0.5433585	0.76112315	1.00E-04	0.11560656	0.22519901	0.12847909
2.43877647	2.21353637	2.41928017	2.88050113	3.18585844	2.99939507	3.15913013
1.79074871	1.71362276	1.90298027	0.75229138	1.40067258	1.17361628	1.17399889
3.3868293	3.55073649	3.5547304	2.71868454	3.06752581	3.12957858	3.27966509
0.23233485	0.06831194	0.09190582	0.35698147	0.38522425	0.04471923	0.28193853
2.51365351	2.3707875	2.54776308	2.07750211	2.17686758	2.65983818	3.0056339
1.40503417	0.9273712	1.40163587	1.30690119	1.51617378	1.20007578	1.52238491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00780815	1.00E-04	0.16489991	1.00E-04	1.00E-04
4.01289259	4.27399959	4.35126621	3.55997288	3.94762548	4.21219033	4.26904626
0.37421986	0.44052814	0.46494438	1.05231505	1.39407468	1.0880131	0.62464866
4.63382682	4.07036798	4.2665008	5.37632867	5.78158436	5.20288457	5.4191305
3.94226413	3.61135087	3.72754148	3.80467794	4.16470794	4.10278273	4.28551355
3.38215368	3.06029991	3.1554469	2.04961513	2.76592979	2.87972634	2.80620749
3.50359075	3.95724678	3.97464352	3.25047139	3.3724037	3.70223517	3.90350413

1.00E-04	0.02466496	0.02265419	1.00E-04	0.14736843	1.00E-04	1.00E-04
4.00310859	3.88541509	3.95726272	2.63549066	2.92904389	3.22633123	3.15814356
3.30121436	3.83656928	3.8269302	1.91788718	2.5772201	2.78644687	2.97741409
3.205498	3.08769973	3.30398245	3.25685217	3.28330283	3.30404064	3.52901903
3.83648592	3.82106465	3.92738147	2.3721748	2.77784042	3.01608226	3.06374318
2.25601471	2.19796357	2.36228244	1.51422749	2.20987231	2.46454412	2.47059835
4.20531443	3.76155678	3.95782638	4.44978961	4.84304632	4.98858025	4.9724233
4.43367294	4.15725174	4.25613052	3.83170566	4.38416422	4.17245166	4.16696253
0.97063795	0.75918532	0.53137438	0.16752309	0.64181606	0.14848204	0.54596111
0.2142343	0.13404345	0.11169549	1.00E-04	0.50185825	0.32654844	0.29935605
2.33962763	2.83224575	2.87139852	0.61163038	1.05438107	1.70775988	1.64071382
0.70667565	0.69974444	0.89298899	2.18530976	2.40883237	2.4154774	2.94201944
1.71747241	1.51854747	1.40048389	0.90063698	0.9300395	1.39430476	1.18688546
1.95708967	2.30428242	2.35746226	0.76765791	0.89342667	1.35410212	1.76750693
3.36651742	3.09722772	3.36445912	4.61544186	4.72977449	4.9002629	4.88684231
1.00E-04	0.07250743	0.14980858	1.00E-04	1.00E-04	0.09864969	1.00E-04
3.39587117	2.86939123	3.14702757	3.32725211	3.84065739	3.93972697	3.94607714
0.97589931	1.02303429	1.04816921	1.24083906	1.58033136	1.50713056	1.50381672
4.68340443	4.21860051	4.3569794	4.81250534	5.15628867	5.03290881	5.18196967
0.6848236	0.23383206	0.63413354	0.08874528	0.18230465	0.19163139	0.06744119
0.04837607	0.04149362	0.02511533	0.15365949	1.00E-04	0.16813106	0.3543759
0.3005213	0.09822701	0.19790674	0.30975388	0.86427392	0.61869179	0.58770565
4.013756	4.2373674	4.27940395	2.91568268	2.88432581	3.24176199	3.30549007
2.91460442	3.08855399	3.12639212	1.66356144	1.68076178	2.2196563	2.29067724
2.57113417	2.46081488	2.74347647	0.90682089	0.68008429	0.74488508	1.56403893
3.96233588	3.50040644	3.70044413	4.67474429	4.84970318	4.8356728	4.86084859
2.66594256	2.61396626	2.84637169	1.98872778	2.29319748	2.5322692	2.77153943
0.22117945	0.11115876	0.16747119	0.70707725	0.65554294	0.81911361	0.39318258
0.20627749	0.09507793	0.17726311	1.00E-04	1.00E-04	0.23135994	0.29938631
6.53654849	6.12243266	5.94188217	6.72304263	6.97462113	6.94212437	6.80100516
1.00E-04	0.00765203	0.05240242	1.00E-04	1.00E-04	0.10866376	1.00E-04
4.70761187	4.58825088	4.45205256	2.69776392	2.58020102	2.6984389	2.68365928
2.76663942	2.44988734	2.8371679	2.91149	3.54108364	3.30918687	3.40893202
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10210812	1.00E-04
2.96755112	2.50675315	2.78117183	3.03511382	3.10844717	3.07009834	2.88535846
1.74852413	2.44851089	2.85063935	1.26256981	0.85001098	1.5801691	2.08712591
4.2849795	4.71347019	4.63766837	2.03992966	2.30137995	3.13054794	2.60002856
6.47026988	6.99270656	6.96073042	3.70897928	4.23433847	5.10109141	4.76065792
1.00E-04	1.00E-04	0.01686504	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14108158	1.43104433	1.42737295	1.30503277	1.25729387	1.28831338	1.84154564
4.66021536	4.25503374	4.35326924	4.96214795	5.17049202	5.19445797	5.14835922
4.00217865	3.85177495	3.91045546	3.92744177	4.14299305	4.08989258	4.20678533

4.38409711	4.09230025	4.08091236	4.81479713	5.04130353	4.92740697	5.00762408
2.24185427	2.30900553	2.28544527	1.87149465	2.09848197	2.08364593	2.10453104
3.2617815	3.53092529	3.66977883	2.85031205	2.98110469	3.07388431	3.32873143
4.67612734	4.62168998	4.31275909	2.43113529	2.55497127	1.92412495	2.18988724
2.88257096	2.32067306	2.43809612	2.44271422	3.09021214	2.80792505	2.87360481
1.87131913	1.18250116	1.2433406	0.57394542	0.95698454	0.56823219	0.58365871
0.38596067	0.21764008	0.26602574	0.93134717	0.57616229	0.41644369	0.20447651
4.76080271	5.24659528	5.20638498	3.40125084	3.86045537	4.3518586	4.45991991
5.29022161	4.73146338	4.80474493	4.5467049	4.86225744	4.87611693	4.84338571
4.6201712	4.23424084	4.39301024	5.1562199	5.48776491	5.48727623	5.4790599
1.64873811	1.08808048	1.71441759	2.89847364	3.12729183	3.17983146	3.11945154
1.75531176	0.84236875	1.3526377	1.36022268	1.57346447	1.2482715	1.27417258
3.18655167	3.45904896	3.48983052	1.25725489	1.60102814	2.03282235	2.33162316
3.68408328	3.54347845	3.39115592	2.65003756	2.38496212	2.22750334	2.44505053
3.54046317	3.21254802	3.54334371	3.1788966	3.48237094	3.71644847	3.68966816
3.22021869	3.18199168	3.41927549	2.78934595	3.17440605	3.21945663	3.42408462
1.14865821	1.11367292	1.2404831	0.65902085	1.24244887	1.03215055	1.36474445
3.43743738	3.76110125	3.66994677	1.65228202	1.89621914	2.51185096	2.44937371
5.16149324	4.8318236	4.89019795	5.29223881	5.63152708	5.62242179	5.58911694
3.18707695	2.82251867	3.09589241	2.84103426	3.12875513	2.82345004	2.78229007
2.12167502	1.69298744	1.91461548	2.39833569	2.76321883	2.48553748	2.41304167
4.74277559	5.42179958	5.25350715	2.45448396	2.90529143	4.03903598	4.20144626
2.56103435	2.69489322	2.80489563	1.62017359	2.02504989	2.37843567	2.26642041
3.54894904	3.20643028	3.42767771	4.22679106	4.45616377	4.52855319	4.62927076
2.46770865	2.2555467	2.26267493	2.71016751	3.17585208	2.93493995	3.07344076
2.77916965	2.55842747	2.58373702	2.73297352	3.14075793	3.17003274	3.18318992
3.17514276	3.27873659	3.50280376	0.63972344	1.30608761	1.64555945	1.27922759
1.46313186	1.34645015	1.71477998	0.75768859	1.32146856	1.2706171	1.68581107
3.67292523	3.37908698	3.49622356	4.32755583	4.69947419	4.72519355	4.77637821
4.08048576	3.63531311	3.63463742	4.75269887	5.00806598	4.78027919	4.87741201
1.73373753	1.35376327	1.47706426	0.86386649	1.32302746	1.10691187	1.07321363
1.00E-04	0.0090972	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04119131
5.46438239	5.29731358	5.2996277	4.09814312	4.39282277	4.16626878	4.2566258
2.80643007	2.65949736	2.73700889	2.43774098	2.70838071	2.81686849	2.84142286
2.52799428	2.35382462	2.56356057	2.91281432	2.81502281	2.76450007	3.14479203
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16107745	1.00E-04
3.72671059	3.41134319	3.48416663	3.59546942	3.85403456	3.57174577	3.76081107
1.86658597	1.3197566	1.52050672	0.6967097	1.38564271	1.02062203	1.52818008
1.00E-04	0.00525489	0.01482704	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02253348	0.01232028	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02647448	0.04636581	0.10841387	1.00E-04	1.00E-04	0.07085212	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00876077	0.01343644	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.01394445	0.85027899	1.41679891	1.0486335	1.47727559	1.46300019	1.72274148
2.0654521	1.86832557	1.98928379	0.10854968	0.41861968	1.49009014	1.48082927
3.27202152	3.16348637	2.00217916	2.41181973	2.35416392	2.69272988	2.98745935
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21771351	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01357064	1.00E-04	0.10134304	1.00E-04	1.00E-04
0.46515961	0.66661505	0.36735018	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2448421	0.24547711	0.40568402	1.00E-04	1.00E-04	0.18530411	1.00E-04
0.16888286	0.18944278	0.25981037	1.00E-04	1.00E-04	0.12942387	0.27297618
0.05349386	0.13974098	0.15233545	1.00E-04	1.00E-04	0.11164028	0.07344535
0.03446493	0.09768217	0.24696685	0.46028693	1.00E-04	0.11568984	1.00E-04
0.03462795	0.00790141	0.05404731	1.00E-04	1.00E-04	0.04057333	0.21943501
0.0460664	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02031167	1.00E-04	0.00828801	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03576102	0.06996053	0.1184191	1.00E-04	1.00E-04	1.00E-04	0.0865114
1.00E-04	1.00E-04	1.00E-04	0.15201175	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.21433745	0.11467883	1.00E-04	1.00E-04
0.01403223	0.10704809	0.09617135	1.00E-04	1.00E-04	0.12765615	0.10498717
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05113175	0.05815355	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1042429
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0367094	0.02013955	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02072977	0.04847351	0.09065208	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00985909	0.00737883	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09079698	0.17971451	0.11158731	0.1942236	0.20737556	0.13042043	0.74130076
1.00E-04	0.05554731	0.02135897	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09680163	0.02206371	0.02024999	1.00E-04	1.00E-04	0.22822872	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06263317	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0283306	0.01655322	1.00E-04	0.11799299	1.00E-04	0.06223494
0.06687636	0.02039825	0.05318136	1.00E-04	1.00E-04	1.00E-04	0.21083264
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00982551	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42087745	0.09314458	0.36726152	2.24585818	1.11841011	0.41757853	0.49121437
1.00E-04	0.01658865	0.02438769	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00857426	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02980166	0.0118461	0.00384067	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0368968	0.04538005	0.00650078	1.00E-04	0.0954554	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.01070923	1.00E-04	1.00E-04	1.00E-04	0.14310134
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22690362	0.05598229	1.00E-04
1.00E-04	1.00E-04	0.02193971	1.00E-04	1.00E-04	1.00E-04	0.06166975
0.17311359	0.05875818	0.1130481	1.00E-04	0.18850038	0.09349694	0.1758737
1.00E-04	0.03007701	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04698565	0.02892825	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32352745	0.38797435	0.22557272	1.00E-04	0.26479216	0.38124367	1.00E-04
2.352125	2.39480143	2.38943128	1.78729788	2.31543132	2.60108374	2.68522486
2.46789915	2.49766028	2.52198151	2.23091767	2.61419599	2.56222819	2.75269118
3.85021276	3.86385249	3.85022712	3.47664781	3.78312164	4.08489313	3.96860805
0.35970269	0.23049741	0.19275523	1.00E-04	0.76562136	0.38161245	0.70189181
1.13045153	1.25124281	1.66688682	0.10832491	0.3316109	0.85952908	0.9515536
3.49523228	3.92772053	3.75456869	2.6638535	3.06140444	3.60733453	3.42946698
6.53455699	6.07238711	6.03927583	3.80633039	3.951677	3.65021281	3.7885936
1.00E-04	0.02122563	0.00635896	1.00E-04	1.00E-04	0.11587612	1.00E-04
0.66306855	0.64346276	0.98928466	3.31955083	2.61493401	3.35403528	3.14601491
3.78351071	4.40343179	4.41294782	2.36756952	2.57411083	3.14548988	3.27339774
5.18663212	4.53068619	4.69010724	5.59737767	5.88493209	5.91305865	5.79707041
4.86383628	4.47174315	4.45795906	3.34734976	3.46747836	3.62581318	3.61758422
3.38245703	3.31339922	3.32516492	3.05927464	3.27165675	3.33730811	3.381598
3.57845368	3.60979032	3.61790682	2.80905826	3.22266203	3.12868306	3.21863395
3.22709054	3.0079986	3.08322555	2.95647112	3.30433736	3.46045355	3.47275395
0.59320306	0.35624664	0.40634545	0.53422716	0.92109485	0.44687463	1.24477202
0.18535334	0.16562968	0.32789106	0.37719876	0.77855132	0.55253706	0.99130265
0.74557036	0.89856225	0.94328557	1.00E-04	1.00E-04	0.10281286	0.4232412
0.12076158	0.06712542	0.06613827	0.12618852	0.29539197	0.09632252	0.15601949
1.16574941	0.98062233	1.12889099	0.28477565	1.31143513	1.930068	1.87058316
1.00E-04	0.00393867	0.00630812	1.00E-04	1.00E-04	0.06238165	1.00E-04
4.02633758	4.63790641	4.61270745	2.98374885	3.44577362	3.67132613	3.64898405
1.21971774	1.30102344	1.29850079	0.75743113	1.88023462	2.31670236	2.24170329
3.8043581	4.18328117	4.10280657	2.15619977	2.67503213	3.02763683	3.08618325
3.04907725	2.40891352	2.35036244	2.6685868	3.08420449	3.01142601	2.99260506
2.31774638	1.88412953	2.09189213	3.11881166	3.53749347	3.29766934	3.52042907
0.01232406	0.02985183	0.06240931	1.00E-04	0.17609034	0.02136421	1.00E-04
3.16577684	2.49871209	2.44559917	1.79763069	2.23150063	1.64159654	1.55826974
1.75747395	1.4620175	1.65179249	2.38913795	2.22951154	2.28991369	2.39233998
0.77718715	0.47565879	0.51836802	0.60491401	0.44310503	0.55174264	1.05197955
2.14145308	1.42705954	1.83815818	5.66366601	5.80745934	5.92424871	5.88512474
3.60804341	3.25385085	3.39339106	4.51010031	4.92209682	4.83561419	4.90412586
1.00E-04	0.03629822	0.01540337	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35510731	0.09095664	0.10388251	1.00E-04	1.00E-04	0.17548669	0.2092034
1.82630925	1.80887621	2.31103383	0.70473377	1.44103515	1.92612475	1.89619598
2.35037125	2.49289412	2.58158967	1.36850868	1.47717683	2.0068149	2.2144721

3.34113512	3.70007053	3.66365586	1.91088298	2.55266826	2.93042405	2.79467351
4.35006293	3.83861017	4.05107094	4.53347883	4.63603215	4.71089943	4.60851526
0.40313836	0.26941658	0.43699343	0.31020232	0.34586451	0.72023304	0.41253796
2.27874524	2.13491379	2.43558624	2.29580715	2.36186238	2.60882981	2.83132363
2.0036271	1.77041083	1.949399	2.05465827	2.38437065	2.35418333	2.61474124
1.88138852	2.01300909	2.07201377	1.89134749	2.11853995	2.37272427	2.30529094
1.66364064	1.34745053	1.44558273	0.31730706	0.52734424	0.84642275	0.94887603
3.05759202	3.40112184	3.38633975	2.52572485	2.5068552	2.72165833	3.09169596
3.8717677	4.40183172	4.12313168	3.73249509	3.98801174	3.99192155	3.80289062
0.16301098	0.08591962	0.03618037	1.00E-04	0.44538819	0.22450772	1.00E-04
3.22176762	2.42890051	2.52214394	2.13285678	1.69637746	1.54666556	1.77697247
0.77086158	0.84001933	0.85499108	1.00E-04	0.28094559	0.16013812	0.16783188
2.50404154	2.57776377	2.48385869	1.86286314	2.30829534	2.21406353	2.35692628
0.22375457	0.35649302	0.08072692	1.00E-04	1.00E-04	1.00E-04	0.05756789
0.39743537	0.64483782	0.44198036	1.00E-04	0.13522917	0.4938877	0.089813
0.15971974	0.17744072	0.19713487	1.00E-04	0.25175684	1.00E-04	0.31440124
0.45479272	0.25848367	0.14857901	1.00E-04	1.00E-04	0.21587261	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.95801318	3.6470099	3.82527617	1.55088751	1.98038187	2.2124437	1.96464927
0.77592671	0.56190778	0.51728532	0.43171548	0.20651631	1.00E-04	0.26967899
0.27249412	0.10396977	0.10067844	0.32087186	0.33656721	0.48739754	0.31915209
0.10477445	0.04863584	0.05808747	1.00E-04	0.06960386	0.27485634	0.3723537
5.36271543	4.49199541	4.3215534	1.46109404	2.57929716	2.46801066	1.86822862
2.8263062	2.83051249	3.19768627	1.53858159	1.50165879	1.80707881	1.21161929
0.33224926	0.08723159	0.18995124	0.2327895	0.44236218	0.0513866	0.85224952
0.4190583	0.14977742	0.22807596	0.61356474	0.86919054	0.2976103	0.66626244
1.00E-04	0.02452677	0.01795635	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.51546194	1.16321802	1.47980894	0.94870029	1.5991647	1.83312341	2.01297462
2.469175	2.78761799	2.62416391	1.43986168	1.7222011	1.94026787	1.93355825
1.46177115	1.37382706	1.73376046	1.93729098	2.0323013	1.89450511	2.55971007
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18998451	0.20542966	0.19010083	0.83841918	0.77988808	0.43844205	1.03896698
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08917144	0.03636737	0.07337871	1.00E-04	1.00E-04	0.43112404	0.49977384
2.09393132	1.61744413	1.55123356	0.1671021	0.03725476	0.35740519	0.74906676
1.00E-04	0.02381668	0.02442567	1.00E-04	1.00E-04	0.08184509	0.16145053
0.05852808	0.01111684	0.03194858	0.22345439	0.1075989	0.28729124	0.15204928
2.86859522	2.66297098	2.93281586	3.35224339	3.67366707	3.77084555	3.8985719
2.35350013	1.90402843	2.39370034	2.63878797	3.10641944	3.06384336	3.34379271
2.16376886	2.36001439	2.45719093	1.87995232	2.0795132	2.20806415	2.49499874
2.72056051	1.52019578	2.03907754	0.51442039	0.93792354	0.09721353	0.57013487
4.44308809	3.90126886	4.12259983	4.70108875	4.97955143	4.89322119	4.9694735
1.86182465	1.62363919	2.00688748	0.65305626	0.86297818	0.68647676	0.746144

6.24016423	6.06515414	6.15836696	2.87043959	3.21144788	3.54980793	3.58498368
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08239243
1.24186328	1.38907648	1.50115899	0.97550143	1.96324422	1.99823201	1.73941133
3.31206699	2.94994798	3.2915319	2.81211495	2.76857985	2.57990031	2.75805467
0.06272397	0.00912964	0.01610196	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92773507	2.0948725	2.1568113	1.64968607	1.6819617	1.93815777	2.06404313
5.34075771	5.3671658	5.48878136	3.94333496	4.47399452	4.63181193	4.66965891
3.72007753	3.21363766	3.61571747	3.42064957	3.68646315	3.68270789	3.8370205
3.86193636	3.60028311	3.69738302	5.26240663	5.23184226	4.97509867	4.95386995
3.26810539	2.75524954	3.04856045	4.4187531	4.62286693	4.42179739	4.48518755
4.28214627	3.99269592	4.43098379	1.453289	1.53093337	1.58290585	1.95857633
2.74575861	2.37974154	2.37694119	2.01185992	1.95854629	1.92603965	2.16597806
3.91344438	3.86050942	4.0143117	3.99184439	4.25888195	4.59418507	4.5254108
1.00E-04	0.00777326	0.01861787	1.00E-04	1.00E-04	0.10355629	1.00E-04
3.08707404	2.64493626	3.00610013	2.03961038	2.10696725	2.78250501	2.59520564
0.02286977	1.00E-04	0.01992553	1.00E-04	1.00E-04	0.03485742	1.00E-04
2.50856004	2.74582263	2.75974285	2.34764153	2.54693436	2.79480802	2.73372089
1.59764646	1.63548939	1.69336873	0.66728616	0.76666767	0.99023955	1.07762503
1.00E-04	0.01540213	0.00823038	1.00E-04	1.00E-04	0.08254503	1.00E-04
0.37469166	0.1913628	0.48550957	0.13004371	0.17555815	0.41278887	1.08867055
1.00E-04	0.01955159	0.00701463	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09028695	1.00E-04	0.01726548	1.00E-04	0.36825615	1.00E-04	1.00E-04
2.55006392	2.77076261	2.84131596	2.23012461	2.33484346	2.86549018	2.92805485
2.29617924	1.58710157	1.86577327	3.09669026	3.49671496	3.18153798	3.20085867
2.96209201	2.85277359	2.95362579	1.75519793	2.33089058	2.56503354	2.59536294
3.09458976	3.45903231	3.26673296	2.33245698	2.40899552	2.71115225	2.78249137
4.75855596	4.16037785	4.29914544	5.06296075	5.33094955	5.18246073	5.16723802
0.17578923	0.13167613	0.09652855	0.0794065	0.30078912	0.13536683	1.00E-04
2.30978411	1.84596334	2.08690556	2.75225396	3.29238956	2.71149143	2.94879155
4.87704877	4.60151944	4.73845842	4.6470817	4.91563608	4.97799262	5.01599537
1.4137637	1.29889906	1.53519196	0.56786483	0.60686904	0.6138531	0.94476498
5.05304388	5.20646757	5.12632416	4.87443972	5.28304596	5.35452485	5.30529583
4.27208896	4.28905369	4.22067287	3.70436781	4.04638519	4.10531328	4.0585403
1.35612297	0.86258604	0.98857883	0.86059279	1.49282086	1.44414987	1.4539068
1.91000103	2.38867025	2.36103375	0.29895544	1.7816697	2.16408369	1.97448622
1.07667616	0.64164505	0.79028726	1.82360304	2.62270297	2.42643887	2.46412452
1.47857845	1.25702214	1.60992905	1.1249974	1.13657556	1.30596921	1.22368725
0.47304123	0.69058896	0.71552358	0.20403981	1.66353041	1.77247554	1.89556371
3.59570993	3.35581079	3.38582386	3.97476547	4.28420966	4.24557249	4.31306937
2.83665242	2.93569968	2.90188428	1.95707495	2.25362543	2.61388029	2.53067591
3.77418422	3.85673312	3.97623749	2.81766904	3.02860457	3.14108653	3.32827778
2.88797139	3.20296294	3.2147163	1.35080932	2.04194615	2.5633731	2.25877734
2.91552043	1.71762053	1.97404375	3.75606694	4.0704329	3.62230613	3.68238037

0.62926658	0.39361461	0.42916912	0.68143524	1.44781444	0.96896845	0.7264256
0.03576656	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18539879	2.27198573	2.28243026	2.74514524	2.69597814	2.7542181	2.88903004
0.24423048	0.10116443	0.06032098	0.14839326	0.30363465	0.20093972	0.5244282
5.0297471	5.73864271	5.95015201	3.01776237	3.2647797	4.30204899	4.00652449
3.59571195	3.59705968	3.69961505	2.44257596	2.9753942	3.36720731	3.27943395
0.11067209	0.07589813	0.07503524	0.27357156	0.04337809	0.11996105	0.1301141
5.13331547	5.06466751	5.29009254	2.45408346	3.1956545	3.52005622	3.49575648
2.9497467	3.24820216	3.37111152	1.73703508	1.93888974	2.44518027	2.46792748
3.53947685	3.5375461	3.6256215	2.95356559	3.73247145	3.57933132	3.59511097
3.40429824	3.90533616	3.9178753	2.28869868	2.41106032	2.96643462	3.21725425
4.46968157	4.44049762	4.43293616	4.42741671	4.92369783	5.12490299	5.08101319
2.79379301	2.50966091	2.59454678	2.79943142	3.12626611	3.05966574	2.91810821
1.67047775	1.88247409	1.99759414	1.54269744	1.45340753	1.41893308	1.39527219
0.04999176	0.04460891	0.04053313	1.00E-04	1.00E-04	0.11699633	0.18233669
3.07058905	3.51410145	3.49147059	0.86306408	1.53466303	2.386396	2.65753903
2.61709267	2.87286716	2.90730295	2.11402288	2.59902475	2.68914065	2.80179988
0.47610605	0.32585008	0.3428282	0.23438115	0.56362932	0.21262149	0.12897233
4.68845138	4.14833404	4.19756173	1.46466409	2.40856677	2.30133037	2.10928516
0.03886497	0.0485956	0.09505272	0.1310212	0.42068572	0.33461842	0.0835428
0.18238181	0.08084996	0.08301361	1.00E-04	0.78453071	0.49797302	0.20410448
0.97318608	0.49906836	0.5412581	0.64040576	0.7938987	0.66065793	0.60936487
3.21014511	2.59434404	2.80682369	2.06557448	2.27764884	1.95517409	2.16142892
1.6365131	1.06414092	1.34449446	2.22661699	2.43083697	2.54299985	2.15068919
2.72474528	2.42365795	2.65381924	6.34338495	6.30613104	6.43461032	6.29762519
3.03964521	3.05656663	3.22922109	3.03908191	3.05303008	3.1264633	3.44772896
0.2197348	0.04490269	0.08172485	1.00E-04	0.0963995	0.04071879	1.00E-04
0.49256875	0.3174409	0.514469	0.17389623	0.68546418	0.24143462	0.18385946
3.19529466	2.86289749	2.87898695	4.44643913	4.7369914	4.36244819	4.31057184
3.39518571	3.99305829	3.97712008	1.90986342	2.48015788	3.09637913	2.94151449
3.39069715	3.76250455	3.75414152	2.17597692	2.51019714	2.41834925	2.38431288
1.83000292	1.90625587	2.21415494	0.64478117	1.37162007	1.64912301	1.95584805
0.59641306	0.57418137	0.79868012	1.00E-04	0.6312279	0.37500252	0.80452457
4.97831758	4.3567768	4.43364888	5.65082963	5.74096088	5.84707632	5.83928208
1.71613925	1.93634181	2.45857495	0.78153532	0.5255814	1.51909609	1.55670623
1.73366009	1.47667927	1.71911616	4.16282764	4.37574479	4.74202938	4.34002505
0.33243803	0.23934762	0.28565007	0.2765835	0.84169246	0.47418683	0.65512815
3.58917718	3.27292772	3.29931514	0.87530886	1.30018898	1.64993752	1.65820126
7.54941591	7.65553402	7.61300021	5.12370339	5.31932171	5.44667046	5.49368228
1.48883113	0.98951664	1.17249779	0.89117375	1.13397524	1.44259514	0.92992457
3.27690343	3.0431691	3.25844591	3.42505318	3.64049606	3.59268341	3.69212147
3.00717291	1.76419502	2.01994995	1.85637469	1.53860545	1.28206149	1.85087664
4.45051959	4.89221328	4.8609888	2.27496479	2.95401336	3.69110566	3.63186694

1.93095043	2.16101531	2.33046739	1.2107804	1.79296532	2.29655269	2.07206678
2.26095257	2.49677299	2.50818608	1.57187118	1.93534658	2.02741275	2.01117602
0.02658435	0.02054746	0.08022209	1.00E-04	1.00E-04	0.06886821	0.04927102
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00825909	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.30539613	1.23157776	1.41956398	1.41379944	1.76529009	1.80713678	2.1160671
0.42568533	0.27015109	0.24815343	1.46001365	0.51370961	0.94753794	0.87084981
0.08375774	0.30668223	0.27116724	0.34830218	1.00E-04	0.20473125	0.38379495
1.80652441	1.53629962	1.65663051	0.62131749	1.40205241	1.12147747	1.0185299
2.12460708	2.3627314	2.42282562	1.79293961	1.94449733	2.25675586	2.37415827
2.20724014	1.93363834	2.00121321	2.45099029	2.96428378	2.7292046	2.70907031
0.04292347	0.06048304	0.11349596	1.00E-04	1.00E-04	0.09900564	0.13181595
4.52101708	3.85664334	4.00341379	4.2874708	4.66576115	4.14653434	4.06763694
0.03385771	0.04658298	0.04066581	1.00E-04	0.41181827	0.53244218	0.33770658
0.06798418	0.0323843	0.0848235	1.00E-04	1.00E-04	0.08619487	0.09583605
0.03797809	0.02758417	0.03896306	1.00E-04	1.00E-04	0.21996217	1.00E-04
0.50657451	0.72773793	0.6631907	0.26173574	0.43775176	0.43798087	0.8492279
2.98876223	2.96528866	2.80469078	1.38948087	1.34614194	1.169193	0.99926916
0.16390932	0.35572007	0.48358253	1.19352973	0.31857752	1.06436993	0.82405422
0.12183606	0.01449453	0.05072746	0.65556066	1.00E-04	0.23269284	0.13833005
3.82605317	3.74139774	3.72701668	3.52950923	4.01652481	3.90531772	3.91777159
2.80808231	2.98718263	2.93368075	2.3429139	2.77422016	3.28827861	3.3164185
4.19949573	4.7491475	4.69647101	1.16061239	2.19595599	3.08508456	3.07614027
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3.62352579	4.01609684	3.9912442	2.46395606	2.97772575	3.21582545	3.29443968
3.86957955	4.29763926	4.11355937	1.93791579	2.32386437	2.82728904	3.13560404
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3.2722959	3.70041537	3.69155303	1.91651896	2.46826426	2.95199266	3.1144823
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3.01524962	3.3535666	3.19041784	1.80316046	1.60480961	2.15085868	2.30714284
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2.95671828	3.38791593	3.35730282	1.80309562	2.02306933	2.43967508	2.24827654
4.39050074	4.74705631	4.73917502	2.4146773	3.08096198	3.5205685	3.4604459
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4.28550283	4.60558564	4.57651571	2.1125496	2.85995293	3.27349202	3.35280941
3.13409187	3.5707763	3.4218575	1.48683323	1.99919279	2.59999818	2.53186217
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3.78469259	4.36975922	4.37233832	2.54554478	2.4937124	3.12972983	3.24671019
4.14370952	4.59358665	4.57940295	1.89078121	2.37948544	3.07946593	3.27718489
3.3681478	3.78540109	3.67127755	1.56078082	2.12371591	2.54353243	2.62811431
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2.98846835	3.44524341	3.28265856	2.3408729	2.7748161	3.10864904	3.09239828
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3.82963683	3.8573546	3.69828586	3.50595199	3.89586718	4.08216712	4.18245255
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3.52759236	3.52966949	3.56572498	3.27933503	3.83618628	3.74441839	3.7594813
3.06688255	3.17550396	3.11389914	2.71542513	2.73867611	2.83195968	3.10640597
2.33670049	2.27423601	2.37982114	2.02993536	2.26548106	2.54715627	2.71943929
5.33304257	4.66434762	4.80669657	4.98793444	5.24323811	5.0392956	5.15146044
3.98906581	3.37024223	3.7033417	4.127581	4.28717481	4.17301766	4.39343317
2.78156739	3.10315975	3.13695929	2.27036607	2.91199955	2.82163154	2.75520407
0.1099964	0.12010282	0.27358984	1.09601123	0.80786542	0.76787716	1.37118353
1.07310581	0.19075083	0.29407972	0.23648583	0.85892553	0.77727086	0.54789655
0.26117773	0.05185762	0.12334339	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0200132	0.09631362	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88390142	0.78978947	0.81859884	1.00E-04	0.20145803	0.27545984	0.1840516
0.03695593	0.02108751	0.03032565	1.00E-04	1.00E-04	0.08694936	1.00E-04
0.03080896	0.05914467	0.05219919	1.00E-04	0.39559969	0.11910808	0.21144436
1.81174341	1.56223084	1.77458958	1.00E-04	0.2010792	0.40916971	0.1413235
5.41932905	5.86675503	5.66434721	2.0275427	2.81884663	3.73141781	3.19402662
0.39989345	0.57885231	0.38803644	0.23286378	1.06846344	1.77273726	1.45272468
0.2677796	0.23675845	0.2058019	0.39954413	0.20853035	0.25889788	0.19390447
2.71874213	2.31776135	2.55088055	3.31496263	3.33205622	3.26713968	3.3215662
0.908136	0.32615239	0.36259999	0.13443787	0.44964275	0.3028675	0.39968996
2.3329416	2.58628242	2.55621148	1.36281383	1.78814906	2.06773464	2.34129226
0.6604545	0.3656702	0.30757756	1.00E-04	0.17609034	1.00E-04	0.52369366
1.00E-04	0.00670653	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.85675561	2.75333815	2.85886131	2.88199585	2.80821728	3.05917434	3.00201723
4.36304054	3.93084409	3.94718477	4.44330591	4.74297859	4.82300737	4.6159625
0.25288469	0.11367954	0.20219449	0.40339617	0.56711944	0.76972634	0.37899567
1.20841689	1.00203639	0.96499684	0.57933013	1.24040156	1.07818082	1.21073709
3.17802632	3.06990798	3.22096466	3.12208777	3.45595979	3.40597082	3.45387736
0.06252414	0.0207915	0.04187295	0.24221667	0.11867897	0.05922141	0.15094262
4.48668418	3.8975732	4.02135273	6.49987399	6.82798048	6.34253418	6.55929928
3.49720956	3.54560302	3.56993174	3.03922881	3.25677822	3.31098123	3.34034899

4.18443546	3.90048275	3.64453134	4.52599757	4.43440374	4.56131311	4.68311402
3.34264503	3.48157236	3.4241735	2.36127664	2.46290776	2.76856606	2.99581512
0.2149229	0.2221767	0.29734171	0.3361075	0.17609034	1.00169797	1.18980347
1.00E-04	0.52056047	0.04850869	0.16029145	0.23553407	1.25624883	0.44821023
2.35848749	2.54770391	2.6313143	3.28467568	3.14456082	3.36557637	3.67461031
1.00E-04	1.00E-04	0.00948081	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.77852049	5.96357512	5.91609047	5.51337233	5.66084558	5.72387749	5.67966314
5.96939838	5.62186458	5.3301445	3.02257013	3.67613592	3.76091648	3.49787099
5.22638401	4.3526792	4.4298686	5.11319848	5.44271868	5.17178224	4.96169923
3.38243147	3.40305373	3.38657975	1.27764125	1.65768221	2.02270082	1.86259982
2.91150727	3.06846762	3.1225081	0.23264109	1.59288949	1.76097989	1.3986925
0.28155061	0.23498642	0.43137017	1.95281127	2.04593187	2.41130545	2.24585869
2.53913792	2.2858167	2.25925121	2.78170058	3.4669628	3.31341113	3.2227356
0.41287365	0.12496635	0.22015682	1.00E-04	0.11930654	0.41977299	0.34072566
1.15782165	0.95865421	0.89138994	0.81096797	1.13489385	0.80126136	1.16982173
1.15660616	0.87143162	0.9179931	1.00E-04	1.00E-04	0.1525015	1.00E-04
3.55908594	3.10105518	3.43563325	0.52060722	2.16243281	2.21636329	2.28619452
0.48149656	0.75132948	1.08559833	1.00E-04	0.15997198	1.00E-04	0.07300495
0.39835698	0.17293249	0.25219889	1.00E-04	0.33094585	0.08054554	0.16847377
3.34062331	3.3884531	3.57740422	0.59197324	1.83181521	1.53160127	1.9321765
3.01139548	3.27115359	3.09598426	0.81811054	0.83866599	1.14021692	1.11159965
5.39024456	4.95635736	5.10873213	1.69517298	2.97049475	3.31144017	3.34772555
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.08594018	2.85631966	3.02016324	3.67283346	3.80291877	3.61206727	3.63093862
2.47059765	2.53715831	2.62976529	2.2404319	2.55898004	2.60519081	2.88013716
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3.46188857	3.36669276	3.40041441	3.67541756	3.81126641	3.73647688	3.62920263
1.8563527	1.17703125	1.43801083	2.69042902	3.21687994	2.93722018	3.11701377
3.97968089	4.02802428	4.02628062	2.98037518	3.46415019	3.42268484	3.24196323
4.23324726	4.27303272	4.36066862	3.27422354	3.80525532	3.85630938	3.8843333
2.45973187	2.31045883	2.59400306	1.25566037	0.99215828	1.5302868	1.24322167
2.0896257	1.90903376	2.41637301	2.15559221	2.81044888	3.43470153	3.46314513
5.82118502	5.8635229	5.88472477	5.2422555	5.63933864	5.6322935	5.65854126
2.50787126	2.5872656	2.66142548	2.64631682	2.94930032	2.90652545	3.08983837
2.14927911	2.35783594	2.37548168	2.78622113	2.83916022	2.90429509	2.74056288
2.45569858	2.64047085	2.51500255	1.84005366	2.33775481	2.20967827	2.58318627
2.32622664	2.40190545	2.51118819	2.62954316	2.8074364	3.09181033	3.11923716
3.14264578	2.86712423	2.89889035	3.10512472	3.42819667	3.30594893	3.4242442
3.69498376	3.4374665	3.59287372	4.04028834	4.36228593	4.37160109	4.44885265
2.05478065	1.9277038	2.44416614	2.37453955	2.7112843	2.52785909	2.63441175
2.58022575	3.02376697	3.00562956	1.12779814	1.65814234	2.23573247	2.39359884
2.87541647	2.42059847	2.60846205	3.28891982	3.72645334	3.77289526	3.9500108
2.69592265	2.8700918	2.8408956	1.23483226	1.66485625	1.97076655	2.21302525

2.00901176	2.1708214	2.10853674	2.82450092	2.86169138	2.71352511	2.91128334
3.24827581	3.42660697	3.52120737	3.13755001	4.0033625	3.81011658	3.69160986
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4.69788274	4.5208995	4.50805852	3.02419054	3.77428162	3.65955905	3.82279203
3.4696246	3.46548662	3.61720858	1.24011726	1.40465005	1.51999061	1.52238506
3.43132207	3.05230869	3.31992062	2.97662033	3.33839858	3.19365212	3.30150776
4.82106046	5.25633613	4.98544725	3.0239712	3.12924766	3.65222083	3.53119977
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3.02677391	3.28099465	3.36684335	2.99670595	3.29623656	3.38844629	3.62263364
3.11751469	3.63391751	3.50139301	0.36341584	1.35009062	2.34378266	2.43248155
3.98549664	3.51174512	3.65942102	4.15375905	4.23921878	4.14179891	4.27615903
3.39902236	3.17090406	3.39367739	4.01639062	4.35784123	4.26606219	4.4093269
4.1907106	3.71244976	3.86930298	4.43524675	4.60897252	4.76189826	4.52395333
0.0521974	0.02331563	0.04196741	1.00E-04	0.31111988	0.09370395	0.08875169
3.33722428	2.97740587	3.26755867	4.476632	4.60241454	4.82900928	4.70062249
4.20333249	3.80305453	3.92076115	4.05638669	4.27556794	4.05803261	4.14667411
2.86523911	2.42317853	2.68232382	2.93784341	3.27710249	3.25931237	3.35820969
5.48887364	5.00776238	4.98594921	4.88901227	5.26835238	5.11777275	5.04018189
2.88437196	2.71260374	2.78522546	2.76665978	3.05799034	2.90193478	3.19439719
3.8543866	3.6835269	3.75599762	3.85178135	4.19038806	4.23505816	4.09521878
1.97859737	1.75969976	1.83589138	1.22743843	1.5563911	2.26244999	2.24089382
2.98891817	2.31868175	2.54574858	1.88910902	2.00291628	1.8826361	2.34615639
3.07768652	2.68714358	3.03657953	3.48173992	3.93728315	3.875681	3.83838992
0.02167571	0.05263633	0.06288907	1.00E-04	0.21568317	0.14613104	1.00E-04
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2.66794701	2.76334794	2.88886733	2.94488454	3.36751152	3.22187368	3.45513452
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2.92690945	3.18174909	3.14227549	2.13031702	2.60474087	2.78673204	2.94106124
0.03772933	0.03135989	0.02423834	1.00E-04	0.33288562	0.17348613	0.0418552
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2.6153574	2.42693844	2.51465102	3.46441795	3.58631225	3.71468208	3.70102784
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2.03784271	1.48451015	1.37689397	1.71069731	2.42959689	2.03627909	1.74168051
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1.82038612	1.3940757	1.73036209	1.73965539	1.71147619	1.82733224	1.69808418

1.28257707	0.74071351	0.70482664	0.32764661	1.55446828	0.86991911	1.16927659
0.83800041	0.40995144	0.44407639	0.90241079	1.94752102	1.60472096	1.71555211
3.8401291	3.7464942	3.78097051	3.88600047	3.92453968	4.1886404	4.2123865
1.01539547	0.67934515	0.86826112	1.31803493	1.86333313	1.76700643	1.54878405
0.48626002	0.17529171	0.37855652	1.00E-04	0.57806006	0.45771929	0.86232092
0.39066318	0.47474314	0.58168283	0.38707191	0.80349475	1.06556312	1.54903421
0.07941647	0.07732222	0.18218016	0.88397154	1.64447	1.61659477	0.99444936
0.33601004	0.24759763	0.24639925	0.52514678	1.22497579	0.92490409	1.22568799
1.41912922	1.11800791	1.04904194	1.75336001	2.3769069	2.20542712	2.2954266
0.0543844	0.11814819	0.11648051	0.40908859	0.23041079	0.37354298	0.16672029
0.27818635	0.13991497	0.10788585	0.0798217	0.53998473	0.09092913	0.42916321
0.34932236	0.42200794	0.50465861	1.00E-04	0.93853844	1.03839412	1.17390295
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	0.00848993	0.04602139	1.00E-04	0.23462857	1.00E-04	1.00E-04
0.45697897	0.24388303	1.18328312	0.55061344	0.59993654	0.63593704	2.14060796
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1.87182135	1.83081851	1.95772135	1.61030826	2.14870685	2.29078779	2.2856735
2.54022694	2.6427603	2.73129951	2.16604234	2.38996139	2.72424278	2.77112839
0.18369898	0.10733316	0.09568642	1.00E-04	0.1317778	0.07125439	0.05318118
0.15620183	0.13576625	0.15470939	0.1589679	0.15600954	0.13469624	0.13912828
1.68009439	1.78924581	1.85431723	1.71005544	2.42790079	2.41394604	2.35641714
3.94667081	4.30189329	4.3921523	2.72683957	3.27921941	3.66075039	3.55128543
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2.73820801	2.86202843	2.83884816	2.25094256	2.4136925	2.93769861	2.98824462
1.06134759	0.96073545	1.15983982	1.56951436	1.84675322	1.51817543	1.85254816
4.93419136	4.55150222	4.64631577	3.83269403	4.2926969	4.19752343	4.3825235
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1.87745087	1.48479947	1.55740286	2.09484723	2.52193604	2.47232097	2.16568187
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1.00E-04	1.00E-04	0.0087391	1.00E-04	1.00E-04	1.00E-04	0.11467676
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0.01568518	0.00647528	0.0197154	1.00E-04	0.12600517	1.00E-04	1.00E-04
4.91720367	4.68216018	4.85690302	3.23126556	3.58981245	3.99304974	4.03957021
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10532586	1.00E-04	0.09457776
0.32899775	0.3040198	0.36947186	2.09628344	2.01368344	1.75056265	2.06945148
2.10583022	2.04132156	2.10683867	2.41092226	2.51994993	2.22348281	2.34831326
1.5150916	0.60759858	0.86924267	1.25334599	1.31798217	1.45728947	1.59699981
0.11248526	0.17041253	0.14676774	0.31419624	0.57101414	0.96938513	1.13002977

0.0180835	0.07404997	0.11249424	0.79662264	0.56562349	0.15051472	0.09911951
0.55900901	0.47688482	0.6540174	1.00E-04	0.38639136	0.44345749	0.60838009
2.22775218	1.52682767	1.47541586	0.7015019	0.56817766	0.57235408	0.78255048
0.04077908	0.05958954	0.04285255	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.31751359	0.73908911	0.79123179	0.47824193	0.51953598	0.45288499	0.77796094
2.92961823	3.4756399	3.17375161	2.22858457	2.33839229	2.4638665	2.44998218
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0.32689651	0.17972412	0.23300085	0.27512117	0.78199179	0.74082221	0.36459277
0.34571216	0.27075248	0.29412256	1.00E-04	0.18443688	1.00E-04	0.4235741
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1.00E-04	0.00668702	0.01461603	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4464871	1.51946613	1.53029957	0.69601392	0.4971245	0.52818424	0.71956038
4.943094	5.45688523	5.48007938	2.84856906	3.32406457	4.00285419	3.91368049
0.32371229	0.19752839	0.34460952	1.88870232	2.31102294	1.97637602	2.46736382
0.12206122	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06290856	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00489148	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37367885	1.90462231	2.26159585	0.99682206	2.0167367	2.14510937	2.2523796
1.83810403	1.31839802	1.60977257	2.00558445	2.46978356	2.59322168	2.7698341
0.10734426	0.06079565	0.1232251	0.27806155	0.2398834	0.13941119	0.12593348
3.07124913	2.78845597	2.7897262	1.4742708	0.88559524	1.13958102	1.81814048
0.80338242	0.77477728	0.84611337	0.19443028	0.94419183	0.30760062	0.76943531
1.00E-04	0.05394529	0.06885538	1.00E-04	1.00E-04	0.27144575	1.00E-04
0.22952947	0.08788709	0.06126668	1.00E-04	0.25562103	0.38205015	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27020009	0.64230168	0.69020271	1.34581831	1.00301094	1.18781473	1.53116485
5.27100127	5.20995991	5.41089972	6.05345833	6.0352955	6.06932987	6.09159193
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.29990649	5.76913129	5.73251342	2.75141256	3.52779552	4.4551833	4.72479877
5.61713107	5.92217117	5.9159866	3.23186152	3.81209689	4.59950633	4.63493427
1.00E-04	1.00E-04	0.00618089	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52966012	0.21430845	0.2424687	1.00E-04	0.07109177	0.16620434	1.00E-04
0.50788307	0.40582885	0.47869676	0.49178195	0.14232599	0.3286893	0.09672903
5.80462357	6.39976858	6.36504652	3.14947825	3.72184095	4.89954461	4.82140259
1.91521397	1.83777318	1.97960804	0.99567568	2.27082621	2.00843755	1.98161284
0.35889664	1.07341146	1.24947471	0.27316129	0.3336759	0.70448518	0.69739146
4.21890012	3.89633921	4.02313605	3.13162407	3.47580745	3.53461408	3.37855264
0.37336714	0.15873175	0.18310841	0.17410323	0.59851844	0.2451788	0.78634844
1.00E-04	0.00789036	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81970876	0.48632375	0.56505079	1.25038482	1.25670163	1.27379133	1.07973996
0.54392002	0.51131858	0.76877324	0.99135633	1.07975573	1.16398336	1.19974435
0.35294834	0.86622254	0.82408537	0.08380203	0.22090847	0.59429585	0.58004439

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32340635	0.50837831	0.326978	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.88246439	2.82120891	2.96502226	2.84126651	3.05261881	3.4373672	3.64211068
2.77242659	1.70110886	2.10325364	0.39856772	0.89711805	0.83233346	1.31361428
0.34554906	0.17256352	0.22828274	0.3332705	0.81176643	0.72807832	0.68457247
3.20217677	2.81187668	3.14760644	2.19768693	2.84692066	2.54761376	2.73134549
0.90122543	0.74949602	0.84427635	3.16928931	3.25182657	2.57374037	2.93833786
3.08431711	2.49015	2.71971223	3.70429767	3.78096061	3.53260294	3.70342076
1.73043811	1.18499161	1.26108694	0.2633782	0.8399831	0.85441989	0.42937246
3.03803719	2.70076719	2.88481115	3.3965736	3.8236811	3.63216726	3.64916969
0.85582618	1.15629949	1.13368479	0.6577135	0.72163303	0.72271417	0.68259259
0.54075229	0.27832831	0.44977203	1.00E-04	1.02977007	1.04550292	1.30251416
3.05400192	2.69630218	2.72420799	2.79494486	2.62927907	2.21907254	2.36400845
3.43602744	3.17958521	3.15574437	5.42240571	5.47399951	5.15430354	5.58707225
5.74680454	4.77702807	5.04184695	3.57089657	4.20708182	4.42230394	3.54320605
5.00247887	4.82695382	5.11155023	5.40249223	5.42965832	5.6280562	5.58074056
4.47708652	4.24271469	4.31401424	4.02371892	4.3306654	4.51109481	4.58094325
2.31993443	1.91917304	2.19467435	0.99676631	1.9652443	1.90863713	2.16265115
0.64444809	0.29212453	0.40649492	0.76061744	0.5232534	0.19484715	1.00063341
0.56063997	0.31869159	0.46003708	1.07426864	0.96022213	0.7170865	0.72068138
5.80327688	5.20886286	5.29649022	5.45535433	5.65914779	5.64843193	5.62746989
0.71443563	0.23257975	0.31715901	1.44702804	1.06870549	0.88776365	1.35033761
1.72911984	0.74692495	0.87894774	1.19607	1.45164216	1.33235765	1.20542522
3.25507485	2.18111423	3.19266746	3.96921954	4.02723684	4.10810797	4.14341747
0.24157491	0.21034817	0.37658985	1.00E-04	0.21392789	0.155925	0.09220597
0.96316639	0.15871574	0.22522219	0.63799981	1.22288878	0.1003674	0.65912207
4.98323512	4.26345245	4.38137522	5.1393093	5.3196375	5.26395619	5.41765198
4.76669325	4.25851861	4.32641629	4.70228625	4.92481348	4.83899627	4.75979012
0.04018568	1.00E-04	0.01722052	1.00E-04	1.00E-04	0.02183353	0.14966115
0.21586651	0.13519749	0.09449887	0.43589269	0.49172983	0.25827539	0.47998082
5.24228212	4.71528513	4.76043113	2.21863693	2.64929773	2.5654403	2.62863347
0.10465161	0.10068983	0.06525258	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.85165002	2.33946217	2.65751491	1.73594703	1.82279389	1.59277038	1.99545219
0.30396955	0.16244643	0.36741059	0.3482971	0.20853035	0.07116932	0.27376767
0.11331409	0.09135191	0.03262808	0.08935136	0.28856528	0.14367	0.33437993
0.24379194	0.16772618	0.16750191	0.24371389	0.28323652	0.38329575	0.56357331
0.32219553	0.23628691	0.21687003	1.00E-04	0.46731031	0.16786753	0.62981765
0.04395063	0.06690029	0.14656211	1.00E-04	1.00E-04	0.13123948	0.17945717
1.00E-04	0.00964427	0.01513228	1.00E-04	1.00E-04	1.00E-04	0.14728546
0.5280137	0.33089955	0.31717488	1.00E-04	0.20089096	0.85623636	0.67978417
0.36886306	0.22279167	0.27183205	1.00E-04	0.42958297	0.45342721	0.53588933
1.30824023	1.39648446	1.342126	0.96793847	1.40550961	1.3777162	1.68560489
0.38195478	0.18029434	0.25379933	0.72737818	1.32916342	1.51079493	1.44960867

0.08124317	0.48627773	0.50742498	0.36767054	1.00E-04	0.14263566	0.64819688
1.42485723	1.63007013	1.79175114	0.13290025	0.78370296	0.91735752	0.94491948
3.46243786	2.94839	3.21052996	4.00326258	4.18275519	4.05923366	4.20508271
0.38085942	0.20527796	0.24917038	0.17336032	0.65483779	0.44566819	0.89712616
0.0653066	0.03778932	0.19157468	0.09946931	0.18319809	0.07804153	1.00E-04
0.35792461	0.2471452	0.24183466	0.48843945	1.121264	0.79458909	0.40385113
0.31315152	0.12840325	0.07436481	1.02997403	1.03502404	0.87495839	0.78341706
1.56132542	1.38309175	1.6688557	1.11621252	1.57434802	1.35752952	1.38446684
3.11147758	3.45007562	3.37178718	2.09712934	2.55745279	2.91517215	2.86478565
4.00945393	4.36372059	4.31500023	2.26893888	2.73461261	3.33045498	3.50615344
4.94811864	4.30542622	4.43574528	5.00764502	5.45698899	5.31894062	5.30572331
4.07091694	3.82487708	3.86634161	3.76443932	4.06759173	4.00733029	3.9696803
3.12887707	2.8032336	3.01739054	3.99819107	4.01413947	4.29684929	4.2943691
4.7498285	4.48192346	4.63942893	5.1988087	5.42489538	5.56194366	5.71669127
0.32847881	0.1593568	0.12099815	1.00E-04	0.08167676	0.35701324	0.12209792
1.84286879	1.93240766	1.95302608	1.33798797	1.29904928	2.20236991	2.15316997
3.77505068	4.01664477	4.05786937	2.01120433	2.33151003	3.05662046	3.04111567
4.44481611	3.87833424	4.07845256	4.54350387	4.82259902	4.73092345	4.76510918
3.17495754	2.87628223	2.97873798	4.11343168	4.2615731	4.37163188	4.35789191
4.25689002	4.78433714	4.87151212	2.80630686	3.19378442	3.70364918	3.63747711
4.09912368	3.36767696	3.57360759	4.17515623	4.59098294	4.36164515	4.32788771
2.24015191	2.03263122	2.19177256	3.00246225	3.2751777	3.12954284	3.24959121
4.17099389	3.64540567	3.84998719	4.76486311	5.03575456	4.81583338	4.87639637
3.53158058	4.32281222	4.18185447	1.32011252	2.13085343	2.83101511	2.96799763
1.0308527	0.77555599	0.99436821	1.47034404	1.73182939	1.6992577	2.05462634
4.81404848	4.69188271	4.63530267	4.24861188	4.72108639	4.69371953	4.62480812
2.93751361	2.64814234	2.84447559	3.37011788	3.56209396	3.42861044	3.52343352
1.43791282	1.38706963	1.46295073	0.48507337	0.62881566	0.89060133	1.04964738
4.88086674	5.20649465	5.35682838	3.56970554	3.83331744	4.10727648	4.05394064
2.31131228	1.9949589	2.07250868	2.07964769	2.82597227	3.51348226	3.33177212
1.06889937	1.36917084	1.53782235	0.10688636	0.47721262	0.63516394	0.84253939
1.73635774	0.9673668	1.34607706	1.91147959	2.4231781	1.90107696	2.01489095
3.24849399	2.90694534	3.24401266	3.75222715	3.76360967	3.99969058	4.21129881
2.26825249	2.29882113	2.52983091	1.0319737	1.38562923	1.93113845	2.25243403
3.09294138	3.51123745	3.65004828	3.78853968	3.67631077	3.88508607	4.03448456
2.05747217	2.2464766	2.33004368	1.40604189	1.85863956	1.89469124	2.31383698
6.51083904	7.39455063	7.30277864	4.20569051	4.6951809	5.88177847	5.89988655
0.26194643	0.35631591	0.30541575	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34133016	0.26281036	0.26781455	0.15889884	0.11403823	1.00E-04	0.2788281
3.38397292	3.06508543	3.22233398	3.02042509	3.39651483	3.25330488	3.18757687
4.27501089	4.17669919	4.26675128	1.86951992	2.00480955	2.16561315	2.26772807
4.42881973	3.82261947	4.08181078	3.14311137	3.68510669	3.30361236	3.33101772
2.6117917	2.40870211	2.45505624	2.79897011	3.04486545	2.97934737	3.07796783

2.59635323	2.85713853	2.83453143	2.23944068	2.673249	2.98324443	2.96929355
3.01039775	3.14513227	3.31648218	2.84942836	3.37520596	3.4342495	3.57820733
3.3999594	2.94369985	3.08274033	2.93741349	3.2673594	3.11008154	3.09673797
2.44235633	2.95235408	3.02080148	1.62612407	2.22191585	2.1198188	2.65389765
4.66321313	4.60024599	4.57208678	2.40855527	2.95711664	3.15210807	3.26335661
3.52021621	3.38004593	3.46830752	1.54889837	1.94839807	2.05935388	1.90647887
2.75201596	2.87472816	2.91458023	1.82137543	2.27360705	2.31143206	2.30406681
1.00E-04	0.01164183	0.01894938	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36997059	1.51971858	1.60231151	0.97838307	1.07819874	1.27853708	1.06415253
2.65055488	1.53507556	2.10319695	1.31777446	1.6167574	1.63275915	1.81282894
0.10715502	0.17948535	0.13216757	0.42335471	0.30125756	0.081446	0.38340812
4.46905692	3.86722359	4.05236786	4.23583493	4.75415044	4.40804586	4.37143228
0.05841827	0.02123347	0.03127971	0.08764124	1.00E-04	1.00E-04	1.00E-04
0.33651581	0.27871059	0.19363185	0.1942236	0.71008023	0.47043478	0.7449995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54157577	0.13642512	0.28644467	0.14596621	0.19068915	0.12676966	0.29598149
1.79220201	2.00970559	1.86218995	1.41721773	1.70541317	1.09258233	1.24228618
4.06049671	4.56771265	4.40668201	2.71600584	3.14436453	3.43290488	3.5694066
4.35182072	4.83270061	4.75039647	4.19948562	4.40582973	4.55584602	4.6908751
0.09858314	0.0321529	0.01595049	0.12161924	0.110057	0.4522088	0.37186552
0.05216265	0.06326793	0.06007297	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.983523	5.05831466	5.17525041	5.24992905	5.52973446	5.67080301	5.65639603
0.50453045	0.2322134	0.41743301	0.13290025	0.72530661	0.85825984	0.56354607
4.13456521	3.6198802	3.72575806	3.25143603	3.67597566	3.52596874	3.65445695
2.42208514	1.86068163	2.12354532	2.86878143	2.98439584	2.91223291	3.22497242
1.54871773	1.41005129	1.8076359	2.09294554	2.41269019	2.33663426	2.77920611
3.75110874	3.80355884	3.84194585	3.99640069	3.99407184	4.1457845	4.28829125
3.12681561	3.68459455	3.5960993	0.67588131	0.97753869	1.84060086	1.87583395
2.4258889	2.37980777	2.40169799	2.94880338	2.95724934	2.88138841	2.99746792
4.16741914	4.23787632	4.2776416	3.72063516	4.2160493	4.35353953	4.39828204
3.94761289	3.54132624	3.58230888	4.13783638	4.33168869	4.06173405	4.02014149
4.26970083	4.39952882	4.29622549	3.89927257	4.36090777	4.63872356	4.51129263
1.69047554	2.12799676	2.2457944	0.87411381	1.21265677	1.35355192	1.60043298
3.23752649	2.78748716	2.89121824	3.31284114	3.83781129	3.53962644	3.53548341
0.05883826	0.17010604	0.08693866	0.2229086	0.13045409	0.32904785	0.30323142
0.29015549	0.04066641	0.07611094	0.2075173	0.10558522	0.24391309	0.16515767
0.03211544	0.12302165	0.26297772	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03703606	0.00645743	0.0528171	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.69481816	2.61588659	2.88427888	2.05874233	2.49065468	3.1138487	3.20605843
2.0784223	2.00623463	2.02254037	1.57411576	1.38264602	1.82274131	1.85278952
4.89136368	4.36280107	4.67976513	1.13304715	1.78575133	1.78579949	1.88416582
1.02761924	0.85321494	1.03434667	0.47497196	1.4605834	0.66907252	0.6550888
1.96927899	1.80037543	2.40581567	0.85621729	0.66669029	0.55008913	1.07396121

2.71478947	2.60914293	2.62409344	2.88920701	2.84173259	2.7889777	2.73504754
3.02573095	3.55769036	3.46092678	1.0707378	1.4077084	2.2738509	2.29131216
4.323107	3.64770664	3.7237713	4.95006603	5.25370813	5.11917426	5.05524976
4.61471201	4.92787862	4.94337794	3.67191293	3.91323252	4.16883501	4.09042242
2.00851393	1.00383393	1.42517776	4.01630831	4.0785107	4.01905065	4.36490315
4.4523942	3.94530365	4.15292014	4.47275125	4.62663812	4.71956923	4.78705651
1.7811511	1.568808	1.88378176	3.88926754	4.02048723	4.12768781	4.26507894
4.49656086	4.06831403	3.83921561	3.57339322	3.92727926	3.85192221	3.98663309
1.42481478	1.12737018	1.32467799	2.05515799	1.91924954	1.8958048	2.18328371
0.73390987	0.53193937	0.7112915	0.50322405	0.5757661	0.76591138	0.70309534
0.04757254	0.05777223	0.09374822	0.17632823	0.18396121	0.16624637	0.19562325
0.4363431	0.16755132	0.21352888	0.14230497	1.00E-04	0.20080394	0.26095794
1.00E-04	0.03670284	0.01671376	1.00E-04	1.00E-04	1.00E-04	0.08062371
3.87845466	3.76707496	3.93035515	3.96118394	4.33697449	4.20955945	4.50499492
2.45046088	2.45608512	2.49216329	5.15711841	5.48474479	5.08856322	4.79734702
4.71718474	4.24648409	4.76008344	4.15756765	4.7549702	5.0050441	3.65567422
0.75149303	0.67879661	0.70067688	1.40345296	0.89305635	0.89825409	0.74118085
0.10214302	0.02808775	0.03328279	1.00E-04	0.13886649	1.00E-04	0.06852756
1.76149321	1.4771637	1.5156389	2.21632912	2.63477666	2.44273693	2.54509945
3.3219959	2.86054934	3.06242883	3.88611828	4.18538798	3.98293751	4.00556224
1.10476718	0.98072597	1.03708996	1.41845676	1.94763453	2.1510324	2.13571177
1.95396764	1.8784459	1.94989421	2.77732574	3.01871532	2.62921259	2.88994874
0.81087535	0.58944316	0.82810028	2.90851551	2.93302026	2.83857035	2.75345874
2.66244859	2.2600692	2.45265948	2.34699826	2.87668175	2.4789303	2.75738198
3.26338116	2.94267289	3.18146637	3.84223438	4.05927869	4.09165305	4.11918727
4.67215078	5.07453837	5.05862547	2.82417797	3.33527502	3.82552814	3.85184797
3.22970163	3.52505058	3.54092726	1.81777959	1.7458331	2.38329795	2.44920662
1.00E-04	0.04183662	0.0650852	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.65148685	2.64379583	2.63230678	3.47858384	3.70560724	3.6861827	3.60949469
1.17589315	0.79119028	0.80958833	1.02714042	0.67540408	0.96744132	0.75516209
4.55912306	4.05655315	4.15425733	2.6864978	3.12440877	3.09220998	3.1003986
5.25457563	5.2222405	5.32996895	1.84683086	2.48325803	2.67323552	2.96118201
5.63652136	5.7785715	5.83032467	3.03762477	3.35033047	3.87252656	3.83756791
4.5887826	4.86475946	4.82299735	2.12236866	3.12289927	3.21813741	3.04987658
4.86196147	4.75426049	4.71305929	4.84435218	5.03909909	5.15895932	5.19315112
4.56380188	3.94699684	3.94805339	5.27658049	5.54068668	5.32470291	5.22788247
0.47799588	0.1644301	0.28998166	1.08388496	1.28953327	0.8581595	1.20317399
4.97984122	4.83083438	4.99349496	4.20280526	4.37470909	4.51409745	4.57836478
2.76339608	2.76130351	3.14242412	1.23378843	0.5814989	0.86204974	1.17294406
3.70646919	3.32664738	3.66919649	2.88461267	3.0129283	2.85685853	2.89543503
1.8695063	2.23861035	2.267266	1.37564854	1.04288468	1.49502142	1.61198114
5.56264993	5.63019638	5.66397496	4.63986788	4.91429979	5.01445018	5.08876064
3.08062104	2.99205998	3.04580774	2.76389098	3.07664312	2.6673106	2.8068056

0.13907418	0.04062887	0.10188811	0.95311497	1.01977677	0.60984002	0.25092078
4.37110928	3.88955407	3.92990551	4.7350978	5.07311401	5.0700407	5.02426716
5.43175116	4.53681587	4.82452383	6.09925318	6.39833828	6.4001434	6.3712356
5.99579845	5.22362106	5.58029721	6.53917022	6.96486711	6.66706616	6.74983864
4.53503581	4.73024416	4.67691383	3.46281122	3.68379431	3.82336588	3.91051599
2.75217567	2.58880032	2.84914696	3.29491505	3.59134734	3.5289502	3.58856338
4.53239889	3.93577568	4.11863101	4.94993774	5.23013493	5.15399187	5.15380108
4.48623396	3.91718969	4.08944467	5.59635652	5.86347773	5.6923193	5.96578744
5.62237027	5.36699334	5.34281097	5.84705845	6.12777766	6.19012327	6.05077868
5.08735012	4.56803365	4.67273468	4.77946695	4.68916398	4.52644786	4.69530756
0.57592044	0.48964451	0.54945802	0.12149816	0.24191799	0.64549447	0.61280828
0.30504709	0.28947157	0.43263005	0.67020759	0.78927937	1.31493134	1.54953491
1.32468521	0.66252102	0.16617274	1.00E-04	0.62394196	0.43342237	0.05807917
0.34406213	0.05823282	0.07660862	1.00E-04	0.69407386	0.19810874	0.28420762
3.67713095	3.4635583	3.49583511	2.04087087	2.79303894	2.9817729	3.20587937
3.00645917	2.40690214	2.65744755	3.38427849	3.62232296	3.28555815	3.37090938
0.83009115	0.46438474	0.72500518	1.81156321	1.89875585	1.81916487	2.03113763
3.02069752	2.59443829	2.74203479	3.60435745	3.6657269	3.52607097	3.65378615
4.29392422	3.91762303	4.06199826	3.88763125	4.13568598	4.09558521	3.92710171
4.51129387	4.42284944	4.59208989	5.09447683	5.5187083	5.55114323	5.56936625
1.06063835	0.51307673	0.69752765	2.91872138	3.06678725	3.42342985	3.69932731
1.00E-04	0.01896123	0.01008906	1.00E-04	1.00E-04	0.23956407	1.00E-04
0.03751811	0.01464715	0.04198274	0.67810464	1.05549725	1.27506482	1.28393562
1.4220104	1.16401622	1.44413172	1.67698173	1.74595268	1.86136595	1.7385223
0.18303212	0.09054327	0.06177185	1.00E-04	1.00E-04	0.33044714	1.00E-04
3.65522689	3.25014574	3.48666355	3.35301009	3.36820779	3.31479062	3.38927403
2.62813499	3.54673491	3.58114432	0.96584182	1.19780859	1.59639137	1.69979848
2.76448607	2.71301928	2.66375803	3.82201588	3.85425939	3.95107359	3.90442248
0.7372741	0.29803639	0.83478993	0.53729567	0.63692465	0.25293544	0.36006204
2.12570425	1.4582863	1.9007745	0.69555484	1.39423841	0.82055982	0.90935469
2.05836673	1.929385	2.0977138	2.25787734	2.87783406	2.88087255	2.78797113
0.3067613	0.0529741	0.08637764	0.13898135	0.44998824	0.85727152	0.53093261
4.48995605	5.1891141	5.06911757	2.39667779	2.95712975	3.78911839	3.82820617
3.81230449	4.04418991	4.05179222	3.80957784	3.80409175	3.83032303	3.87995683
4.67447648	5.25690285	5.18150147	1.81512107	2.4836668	3.58933447	3.61839108
4.25979252	4.72265256	4.6292343	2.76054497	3.10570092	3.5144783	3.58384654
4.80248329	5.1964113	5.14717315	2.44451554	3.33755815	3.99270994	3.90120711
4.83056873	5.43357213	5.22319519	2.58803416	2.99643669	3.93437545	3.97048544
4.18760291	4.87307618	4.53997155	2.05552546	2.52849736	3.35754544	3.31945763
5.5590302	6.06886591	6.03110937	2.80208507	3.32038774	4.38433684	4.37789093
0.04355584	0.05410526	0.07457118	1.00E-04	0.17406512	0.13153883	0.12633939
4.00526234	4.1290679	4.13209621	1.91470904	3.04429594	3.26599238	3.26432122
3.88976702	4.41289637	4.23439226	2.47607315	3.16910802	3.64687862	3.54036596

4.16427166	4.76554525	4.64021824	1.84661099	2.59867309	3.28311258	3.29943737
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3.79284435	3.88217179	3.84242308	3.37246097	3.63332525	3.63375761	3.81089448
3.8646898	4.51365914	4.53474093	1.67850144	2.40259405	3.21019446	3.27518542
2.49758499	2.80584824	2.80244706	2.22387275	2.38829094	2.83669253	2.73828126
3.61360036	3.28053346	3.27125213	3.87743825	4.20461811	4.20775556	4.2209726
3.77001793	4.19549568	4.21558115	1.04777996	1.80750439	2.73733046	2.59628247
3.22260548	3.47571941	3.43069787	1.81603306	2.14401181	2.60737707	2.63129626
2.50611365	2.16691507	2.33939241	3.36466575	3.51524531	3.53103963	3.41929876
2.58742383	2.62168955	2.60664085	2.72518425	2.93649755	2.63944945	2.94283941
3.1401434	2.90585064	3.00697619	3.58279962	3.76861078	3.92708363	3.89066991
3.30269441	4.13653743	4.01415195	1.8032647	2.54773043	3.27302762	2.85332376
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4.27579303	4.88653212	4.89232685	1.45641641	2.59691941	3.51713838	3.5647428
4.20553056	4.84251774	4.71219223	1.64979063	2.03943973	3.38152142	3.32988767
4.98597966	5.62272523	5.51919527	3.33614898	3.57626987	4.26130319	4.17588248
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4.25784019	4.7560396	4.66000051	2.55848638	2.69977074	3.48050392	3.61929344
4.09328039	4.57800952	4.60414824	2.14418636	2.57823242	3.35878301	3.41371953
4.12980481	4.76440807	4.69693848	1.95563498	2.90743115	3.53848135	3.46252623
4.69350962	5.29366111	5.19213619	2.14639844	2.91305065	3.80414807	3.69907056
4.69966348	5.01693183	5.01077171	2.40902983	3.25576205	4.00525971	3.85460293
4.55402772	4.95052198	4.96106097	2.55647439	3.23157704	3.87320399	4.00845107
4.35086568	4.86959816	4.77140523	2.2000086	2.70240706	3.57445332	3.69277394
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4.10341281	4.35792633	4.3371508	2.67553333	2.97872623	3.37637437	3.33240313
3.69810638	4.28569962	4.27999266	2.11543282	2.63163662	3.26313595	3.2706129
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0.2105254	0.14100914	0.14806261	0.58799841	0.39713705	0.13255404	0.40465004
4.22620656	4.74842462	4.73167543	2.51609446	2.86683884	3.52237564	3.4177467
4.44694254	4.79572748	4.73707271	2.10903175	2.86740664	3.44313619	3.48632208
4.91482085	5.26475398	5.21818767	2.31708524	3.11178253	3.78618598	3.52031957
3.83531138	4.26273672	4.18799884	2.24577091	2.75260843	3.08902721	2.9603718
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1.83504281	1.27120174	1.44362656	1.05224001	1.7150878	1.92987886	2.20957186
1.4804731	0.55368817	0.81081355	1.09860285	2.37014175	1.57851664	2.0038712
0.08275126	0.16480652	0.06313081	0.1120025	1.00E-04	0.27096306	1.00E-04
0.17408787	0.15351817	0.12190976	1.00E-04	0.06512404	0.10800375	0.42567982
0.98047284	0.92850314	0.93535242	0.62383261	0.87607854	0.77983065	0.94710204
3.50901491	3.262706	3.27656036	2.84398276	3.13573405	3.376945	3.39252122
4.47467181	4.7719567	4.75590741	3.12639446	3.37466677	3.73542193	3.71886907

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3.63015226	3.08746895	3.44645507	0.58808205	1.42833444	1.36848926	1.20588383
0.25312056	0.14656396	0.1928314	1.14154924	1.19003634	1.20035639	1.31831881
0.53379981	0.26622853	0.30003665	0.56768298	0.86868645	0.25649963	0.17872881
3.01435547	2.40392531	2.5875855	3.11589922	3.49500478	3.44689442	3.54521184
2.77804159	2.07789491	2.292942	4.71171893	4.75733171	4.95337543	4.93102918
3.82952544	2.95567166	3.42196354	5.70952068	5.61492165	5.80912795	5.70270427
4.73153687	5.23278075	5.17357436	3.09656139	3.49661414	4.06015977	4.14437339
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1.85689579	1.71742211	1.70213813	1.94333865	2.14485759	1.85496428	2.09360015
2.50411149	3.06628365	3.11370489	1.60801898	1.97674488	2.05614242	2.47603219
0.28802361	0.05104767	0.10062402	1.00E-04	0.50927701	0.41312285	0.14453919
3.67081991	3.15572408	3.27467929	4.49261065	4.79658377	4.71682723	4.68544525
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3.25550554	2.0440175	2.39730466	2.16181679	2.69658056	1.99360238	2.40688628
0.02119268	0.06120116	0.18063399	1.00E-04	1.00E-04	0.17270549	0.82117783
1.54115098	1.60060887	1.77806588	1.75590684	2.70076944	2.31724009	2.48693838
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0.53339694	0.37964775	0.38961888	0.83342462	1.20035797	1.17968252	0.96156988
4.73299247	4.48505751	4.62119338	2.89782682	3.30203806	3.18421392	3.36053925
4.83014177	4.25258498	4.41085348	5.91185648	6.16348088	6.21517409	6.11356768
1.93860363	1.80448447	1.8494164	1.85694303	2.45676489	2.31067317	2.25987713
3.55831436	3.35264274	3.49211488	3.72849463	3.84629829	3.83611613	3.81482574
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0.39470321	0.30739162	0.3109121	0.23524095	1.03191073	0.49033063	0.82674755
0.19080825	0.16522729	0.16224174	1.00E-04	0.24199275	0.28376057	0.47295591
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0.67375111	0.34666193	0.4383426	0.90019281	1.79885336	0.68486573	1.01278353
2.74386442	2.63173771	2.57197686	2.27268437	2.8364806	2.69665635	2.50447193
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1.35139153	1.37990929	1.62454435	1.54707291	2.08312894	1.87816142	2.21200917
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0.54217412	0.51470272	0.68543287	0.28661813	0.62342323	0.84594154	0.90074407
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2.23389593	2.02467553	2.17994726	2.20482952	2.61059356	2.49173306	2.84009318
0.58602766	0.16949684	0.19707959	0.82088274	0.47447951	1.18327374	1.19763164
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3.42833818	3.29349666	3.61364185	0.57519951	0.87422889	1.65857964	1.14082497
0.10279188	0.22732799	0.11742647	0.78296922	1.21584068	0.401685	1.08352504
5.44154527	4.71888523	4.75323449	5.76565786	6.07809549	6.06363021	6.10932302
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2.6202296	2.47619557	2.84367606	5.79771267	5.93227455	5.85503551	5.89608271
2.55587863	2.53273676	2.48738004	2.85834832	3.18794493	3.20485249	3.08776361
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3.75958185	3.4684838	3.59060831	2.89904921	3.06299568	3.04120574	3.24720214
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3.76967513	3.43542492	3.71435159	3.35024268	3.31529744	2.98310997	3.65588446
0.82363241	0.40531662	0.72365189	1.27658992	1.68259975	1.2756257	1.55641812
4.73167721	4.3855132	4.46396938	3.20013594	3.36863309	3.21420859	3.3528862
4.23726063	4.04202324	3.57193969	2.76335459	3.38341825	3.52186451	2.81534189
2.80693041	2.6752127	2.58877475	0.8878853	1.13783322	1.56059592	1.9050762
5.94424223	5.58184113	4.96685085	4.89189958	4.96901133	4.98219068	4.95160851
0.20530951	0.17410549	0.12442374	1.00E-04	1.00E-04	0.37083004	1.00E-04
5.84384831	6.27097489	5.10557749	3.68310114	4.40223546	4.55981183	4.03026583
3.91372403	4.10529885	3.80269203	2.75888125	3.37487873	3.71449182	3.56133759
2.87325168	2.813048	2.76076955	2.23566965	1.94110231	2.09801315	2.24929964
3.41505844	3.55763226	3.24204208	1.83912273	2.31376551	2.23876018	2.02642161
2.69585511	2.78781129	2.80504824	1.00547292	1.69267506	1.79639981	1.99884466
5.82010559	5.97806759	4.51504875	4.45744833	5.01415362	4.69968339	4.55153711
2.84692806	2.57855053	2.75320329	2.97204421	3.51492324	3.54354911	3.50362511
2.20220895	2.40401645	2.4433294	1.84997092	2.39615849	2.30722117	2.46425787
3.73755335	3.71896192	3.86421182	3.15798527	3.6468405	3.60150021	3.7162683
4.30520285	3.8916524	4.02424145	4.39260026	4.72808568	4.61961533	4.72466237
2.57572943	2.29042001	2.39609679	3.08922258	3.37372613	3.3649289	3.43965816
3.35957601	3.20417449	3.31987103	3.33105862	3.5395509	3.7535623	3.6775827
2.54648984	2.94099936	2.87856424	2.35130796	2.47065444	2.92388026	3.01068757
4.00160521	3.70858301	3.88763748	4.3600141	4.76146233	4.63576296	4.61586492
2.90298855	2.90760493	2.85560402	2.2152561	2.63724361	3.03348651	3.08310674
0.24638926	0.16753215	0.15565011	1.00E-04	0.58285009	0.69643806	0.49332932

1.00E-04	1.00E-04	1.00E-04	0.08639084	1.00E-04	0.23571112	0.06339697
0.4083152	0.09214942	0.31732078	0.30060751	0.13089236	0.31724686	0.47585523
3.90837141	3.54962548	3.67761595	4.24212417	4.34156244	4.51663153	4.49417923
3.83664268	3.92232759	4.00542993	2.52175774	2.80899373	3.17398799	3.2680033
2.79845419	2.32698108	2.51827795	3.20179731	3.41662019	3.47983835	3.45247037
0.06559267	1.00E-04	0.01947391	1.00E-04	0.27409899	0.1907657	1.00E-04
0.76873047	1.0582456	1.09511857	0.24181526	1.00E-04	0.12729889	0.28538777
2.87623472	2.6976782	3.03787541	3.42426094	3.71249305	3.54294037	3.81573933
3.76673984	3.51547023	3.53223399	2.42575286	2.40388869	2.91922819	2.96755429
4.05698382	4.59029154	4.52155551	1.69665413	2.25168569	3.14792735	3.12161523
0.36292434	0.18187252	0.28920282	1.00E-04	0.74425189	0.70163925	0.70638941
5.00361017	4.16699372	4.39751963	2.38937068	2.83975168	2.70184801	2.57949152
2.92364904	2.57716454	2.95422214	2.95181479	2.40203589	2.80141771	2.80950202
2.24602614	2.28063593	2.26290997	1.31439876	1.55644091	1.5256741	1.83646885
2.51308464	2.76482276	3.06601206	0.66183356	1.05195072	1.05225592	1.40843001
0.40906943	0.20903502	0.40568679	0.76261767	0.85051589	1.137528	0.97017352
3.32226764	2.94979858	3.12518148	3.1765347	3.87717091	4.01744392	4.21340099
3.69312996	3.85639541	3.78211917	2.14018915	2.94455881	3.19534538	3.13253936
0.74217305	0.30018276	0.21636032	0.51354465	1.05229204	0.98093991	1.51790152
4.9587529	4.58037539	4.69055158	4.92011026	4.85656037	4.85172889	4.84290835
3.94754668	3.96111056	3.82614071	2.29958234	2.23886686	2.50247463	2.70676162
3.38521276	3.77444109	3.72807431	2.44265512	2.40355073	2.44092428	2.85044012
0.25029246	0.30134559	0.36384191	1.42516828	1.13250323	1.09611455	1.7967454
2.78853226	2.96909402	2.91713796	1.52331792	1.93401019	2.30370928	2.34353569
2.61401402	2.45390089	2.61174291	3.04078629	3.28953582	3.18566283	3.4496378
4.38420896	4.08246069	4.16251682	3.61799396	4.03692895	3.95694336	3.87853055
0.31603902	0.06620572	1.00E-04	0.15040627	0.96771937	0.8910251	1.21188725
1.59276638	1.43928116	1.83380975	0.90167285	0.2533413	0.62489988	0.69176128
2.80172681	2.64456497	2.79084714	3.82182047	3.96106694	3.98457313	4.04172268
0.09674927	0.05914463	0.03109515	0.5186668	1.12934618	0.84084382	0.53976932
5.73812698	5.28296512	5.35009431	5.99076581	6.34063694	6.27798002	6.26971098
1.23041631	0.89526136	1.11652114	1.85595134	2.11352842	1.97291122	2.13666434
3.42326931	3.57687433	3.5265985	2.21352455	2.46373324	2.74890665	2.82423312
2.8363125	2.25215867	2.54904899	0.46177043	0.77836135	0.91252186	0.8617534
2.82461635	2.5266949	2.72081137	3.88818869	4.11297728	3.84175011	3.82910819
2.45205226	2.85445862	2.77352029	1.05856303	1.1485273	1.71201054	1.63815131
3.7106717	4.1199688	4.15721654	1.26827489	1.87332361	2.7189064	2.52480066
0.42351106	0.11231052	0.25153986	0.41744672	0.189637	0.6654383	0.67874283
0.60593621	0.30088668	0.4287066	0.57333987	1.42861637	1.10817666	1.20913343
0.12784819	0.20637749	0.25888252	0.88369336	0.78901372	0.26676468	0.72281484
1.00E-04	0.00662068	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31019453	3.68489235	3.56186539	2.51545523	2.93986243	3.04880064	3.21679346
2.96151525	3.16952848	3.16410181	1.88033391	2.18662563	2.68873159	2.82546746

0.33689059	0.1712101	0.17759452	1.00E-04	0.14199582	1.00E-04	0.5445471
1.36806107	1.27816846	1.65141094	2.91859826	2.76739821	2.45983948	2.41198475
1.47442613	0.84076517	0.87243169	0.67024928	0.69184469	0.67389056	0.87735462
0.31551235	0.49146585	0.63119205	4.0067801	4.00291571	4.86853184	4.8035994
0.47199941	1.18520473	1.2955166	3.11961039	3.48723524	4.7798222	4.71981343
2.79826339	2.89941807	2.8005004	1.34206829	1.85176916	1.87190529	1.91056543
2.59141238	2.5629875	2.6156391	0.79419186	1.78817918	1.80793225	1.95141355
0.9020646	0.64190387	0.89711866	1.91361854	2.17828497	2.36744923	2.51173351
2.60639448	2.4045031	2.48104831	3.1502345	3.32100329	3.23345418	3.32804157
4.67590527	4.35355205	4.42896752	4.99908105	5.17985976	5.16179495	5.2536801
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09751776	0.04936419	0.0075364	1.00E-04	1.00E-04	0.15142289	0.41998401
1.00E-04	0.01876797	0.01939783	1.00E-04	0.11406858	1.00E-04	0.24508
0.38958775	0.47453357	0.20203231	1.00E-04	1.00E-04	0.09785767	0.13882011
0.01703998	0.04173308	0.10638718	1.00E-04	0.27371006	0.26767704	0.31226148
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13566841	1.52001042	1.62612624	1.23652156	1.7063882	1.72979158	1.56817772
0.36536846	0.45366514	0.32888157	1.52256743	1.02667286	1.00062135	0.40389977
1.00E-04	0.00352115	0.02292708	0.94669017	0.66810326	0.38715562	0.33862927
2.03716362	1.87894747	2.05467623	2.06671485	2.50294298	2.96095588	2.82985768
0.19302101	0.05089361	0.12051484	0.32660183	0.38863726	0.10777547	0.11789546
0.22653634	0.11352308	0.1198694	0.16373565	0.14050578	0.12757077	1.00E-04
4.68203698	4.10468816	4.19605422	4.35870543	4.70525061	4.625043	4.63320308
3.74107606	3.23870136	3.53940663	3.3816771	3.29004178	3.32218043	3.69483106
0.6594228	0.50609802	0.69797722	4.24171705	4.44545902	4.62013817	4.68748208
2.43236327	2.83969119	2.78270244	1.32442989	1.52280787	2.01061193	2.00487262
4.46357422	3.62732569	3.67834355	5.53632162	5.8233803	5.68735212	5.67595551
4.11595265	3.69990726	3.93400353	1.15624774	0.83186852	1.27171209	1.4210239
0.09649788	0.02078935	0.0374584	1.00E-04	0.19228897	0.139275	1.00E-04
2.00479015	1.56482747	2.04918302	0.58939362	0.20164797	0.41262852	0.79463847
0.07960121	0.01549646	0.0365082	1.00E-04	1.00E-04	0.15966084	1.00E-04
1.00E-04	0.01140465	0.01514315	1.00E-04	0.09827728	0.02458062	0.38556291
0.19693679	0.40030946	0.36894405	0.39547923	0.28431439	0.45826183	0.79464247
3.80155654	3.33773782	3.43295912	1.00E-04	0.56170333	0.93058628	1.11972729
1.00E-04	1.00E-04	0.00535095	1.00E-04	1.00E-04	1.00E-04	0.07090837
0.21818371	0.17617846	0.2518931	1.00E-04	0.35621533	0.33336964	0.3574065
1.00E-04	0.01577966	1.00E-04	1.00E-04	0.38514623	1.00E-04	0.35952854
0.24681947	0.14656481	0.24380997	1.00E-04	1.00E-04	1.00E-04	0.2119822
0.22567886	0.12334154	0.2365273	0.14658017	0.30155388	0.40981487	0.45504885
0.16700162	0.12705031	0.07330949	0.51147044	0.24977596	0.42549311	0.41175022
2.50507375	2.4575345	2.64318885	1.86101132	2.43468286	2.48074594	2.62300965
1.3101921	1.04692295	1.07048967	1.56999821	2.01683818	2.03776353	2.04716803
4.23322941	3.90481744	4.31737837	3.10808844	3.38298346	3.5224508	3.73620446

3.46283662	3.75970383	3.85038742	1.2826751	2.07662366	2.42473027	2.35408866
6.1559427	7.02211709	7.00611482	3.7620546	4.28163592	5.4510082	5.31814637
4.66622123	5.03869737	5.08406145	3.73027625	4.59149679	4.87363917	4.93534268
3.45702989	4.14682666	4.03171065	0.98350902	1.94121216	2.40982365	2.52513916
0.51208952	0.52726915	0.58135339	0.22531639	0.84168344	1.01576211	0.3768752
3.38770647	3.41560309	3.6645073	2.98423199	3.41798029	3.60636087	3.90242802
3.01700023	2.60537691	2.66378978	3.5384596	3.91808438	3.72566989	3.93569781
1.48098973	0.63426062	0.79315167	1.00E-04	1.00E-04	0.0920883	0.18698281
1.39735517	0.98563312	1.0117148	0.56828525	1.45733915	1.64104296	1.69972376
4.44271348	4.00879584	3.97506627	2.44676446	3.00748394	3.17894976	3.22712465
2.40238907	2.0539988	2.27150539	1.96112303	2.35708294	2.10783864	2.28217815
0.21273724	0.08490173	0.14767515	0.85272965	0.42265791	0.3175745	0.48124777
2.5677242	2.11685979	2.35044749	2.66951155	3.04340978	2.91301734	3.10335984
3.61414744	3.74185686	3.65071573	2.21674123	2.74392967	3.0452935	2.97600858
2.52092116	3.02014444	2.88920579	1.60287541	2.14205998	2.18607167	2.27530339
0.04508813	0.03456062	0.01183464	1.00E-04	1.00E-04	0.1429865	1.00E-04
0.06822879	0.16221698	0.19074745	0.44496958	0.67186732	0.79038828	0.41649418
3.95383295	3.88690903	3.95997125	3.95414601	4.28346525	4.29344694	4.42368241
1.61579156	1.21576593	1.61313208	2.94476438	2.80268353	2.16036491	2.34406961
0.21330338	0.01722882	0.0087352	0.16675922	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01076032	1.00E-04	1.00E-04	0.10133566	0.1512659
1.00E-04	1.00E-04	0.0059523	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98091243	1.52700848	1.67693535	0.49298497	0.23726636	1.0871471	0.75979728
1.00E-04	1.00E-04	1.00E-04	0.30964378	1.09578449	0.18063556	0.43803175
3.47382676	3.47010722	3.51952101	3.90814501	4.14965423	4.11324345	4.14923886
2.59496455	2.61426137	2.68667555	2.52605158	2.91572183	3.0702181	2.98129529
2.63185225	2.81769291	2.83660245	1.66116314	1.77385047	2.06527002	2.12088254
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15574377
2.8184002	2.762272	2.91930917	2.6680502	3.06293152	3.13451224	3.18338577
3.3767273	3.34354374	3.50386769	3.26414098	3.47538109	3.60670609	3.76918129
2.25856913	2.31645127	2.41717546	1.07102619	1.75681664	1.93645014	1.84568745
3.07073874	2.80881899	2.54838245	1.83411733	2.02528374	2.35821925	2.46650792
3.37274892	3.05356704	3.09548175	1.52790312	1.94645935	1.86429666	1.97436317
3.66646436	3.14110456	3.39236426	1.81694223	2.00196756	1.54991463	1.84288804
1.00E-04	0.07955259	0.08143864	0.49661567	1.00E-04	0.18318561	0.52291075
3.86049442	3.46524242	3.55376971	3.96069604	4.31588111	4.18888199	4.20829939
2.87992268	2.65172949	2.91670171	2.99791248	3.28905905	3.16545786	3.25773803
3.28419826	3.54460107	3.49014933	1.85221799	2.23978678	2.62209224	2.72300135
0.83697626	0.66905897	0.83292989	0.13120906	0.28142713	0.16706631	0.36131195
0.02166553	0.07021779	0.06446293	0.49743429	0.30003893	0.11709663	0.32871447
4.15323928	3.72520044	3.76872222	4.05032472	3.93226056	3.66662747	3.98030509
1.88826085	1.86951905	1.91568671	1.76059032	2.04326276	2.01865351	2.05728284
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4.10360434	4.3514386	4.21422448	3.55376898	3.7977056	3.82550497	4.03597644
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3.41081342	3.53493897	3.56171514	2.84138877	3.06431953	3.23024138	3.44062221
3.34264351	3.08754364	3.20362615	3.37390175	3.62817912	3.52866527	3.52469887
4.03509547	4.06380916	4.11652114	3.80054421	4.1711954	4.2476566	4.16149158
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3.45288815	3.54473651	3.61215073	3.07219626	3.43794295	3.51317238	3.51838872
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2.95074041	2.6678266	2.65214656	2.89593977	3.23863273	3.04165166	3.06673631
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0.17157282	0.15308687	0.17028822	0.09757466	0.50343875	0.42812553	0.36725442
1.10296006	0.75005668	0.991614	3.23751801	3.00186581	3.22852029	2.72636071
0.04526148	0.02799879	0.00668306	1.00E-04	0.15153888	0.20889507	0.18347638
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3.25651873	3.29232933	3.2453732	2.44937205	2.95259707	3.13622704	3.45097576
3.26550846	2.95979617	3.12938224	1.61606702	1.44644365	1.4549529	1.74408915
3.04016329	2.5728152	3.07744928	3.6599169	3.7356545	3.52164385	3.68046141
5.39697101	4.89643798	4.89802668	4.45703115	4.73802866	4.50594458	4.55384077
0.39923114	0.0969761	0.07575637	0.42265128	0.09055761	0.35072549	0.26306694
0.26208656	0.43583187	0.34839723	0.3913202	0.43489734	0.47707346	0.91608776
1.00E-04	0.03888055	0.03811196	1.00E-04	1.00E-04	0.14191501	1.00E-04
0.02463877	1.00E-04	0.03155487	1.00E-04	0.13021627	0.04273991	1.00E-04
0.15406914	0.07653155	0.04984094	1.00E-04	0.58285449	0.17922083	0.34072211
0.02481909	0.03342657	0.03119198	1.00E-04	1.00E-04	0.14761404	0.31395661
0.21308618	0.05248839	0.06027953	1.00E-04	0.38963658	0.22432602	0.08700179
1.00E-04	0.00696583	1.00E-04	1.00E-04	1.00E-04	0.05198018	1.00E-04
0.04948722	0.02509707	0.02479948	1.00E-04	1.00E-04	1.00E-04	0.07320172
1.00E-04	0.01199921	0.00937912	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93890559	1.87080782	2.11585889	1.48342783	1.91414482	1.87307682	2.53706357
0.3832268	0.2578786	0.32761062	0.09690349	0.63796092	0.41313779	1.12646349
2.13779545	1.70238807	1.72379994	2.00907942	1.96422375	1.49877876	1.84175022
0.8723126	0.49985218	0.70659726	1.45139254	2.05870287	1.95614848	2.34207101
0.57171466	0.28094591	0.39821048	3.08510611	3.5527751	3.1323374	2.82467559
0.95822333	0.43399637	0.56209623	0.9710226	1.5177439	1.42732839	2.0513345
1.00E-04	0.01639092	0.02913801	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.5442144	3.95547748	4.21361443	3.3865262	3.84593526	3.52096107	3.46489144
0.03633863	0.02973444	0.02550177	1.00E-04	0.23956555	0.1842865	0.46116617
6.07422837	6.57350146	6.49888796	3.29510308	3.42205496	4.68831367	4.26489867
0.73776439	0.56804802	0.93647815	1.98810076	2.41561078	1.78612547	2.20763317

4.68244753	4.36631285	4.47085471	4.86721789	5.1613836	5.123892	5.10990097
1.9267462	1.36500542	1.43415268	1.84864584	1.99718939	2.06656834	2.14765232
0.19874375	1.00E-04	0.02786946	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05671896	0.13757421	0.17118135	0.5511441	1.00E-04	0.26487608	0.07550285
1.52162373	1.23039404	1.39239129	1.30830697	1.93709879	1.77132266	1.91676445
2.6787249	2.34124833	2.60327759	2.88970182	3.23433186	3.11391187	3.38092821
3.0933344	2.47154145	2.5235725	2.88904943	3.12790145	2.93438222	2.54830474
0.56800259	0.29199855	0.36075146	1.41127357	0.56907506	0.36203584	0.18476629
0.03336297	0.01059951	0.01054553	1.00E-04	1.00E-04	0.0664122	1.00E-04
3.56201544	3.63917346	3.73602184	2.56727543	2.91872967	2.81469895	2.9336449
4.22790945	3.49810986	3.73914947	4.42252433	4.60626484	4.58166575	4.59913948
4.77613684	5.30479166	5.26041941	4.48449777	4.82097247	4.94505688	4.89796933
0.03177909	0.07057529	0.01056322	1.00E-04	0.19335414	0.23876178	1.00E-04
2.73642722	3.39285566	3.33049555	1.51074994	1.4288066	2.16835572	2.35093318
0.27650935	0.02800243	0.08449697	1.00E-04	0.10514507	0.18250543	0.43470005
0.07869785	0.08732151	0.1142993	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15224798	0.04256689	0.12812463	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14287698	0.06398653	0.03574829	0.50360977	0.53971677	0.36677911	0.24465103
0.0464654	0.00497101	0.03465177	1.00E-04	0.14641153	0.08932772	0.39368014
2.12084629	2.12650589	2.04311205	2.62343427	2.89108401	3.3763869	3.26555895
3.23566157	2.81009877	3.0041866	3.44623736	3.66075937	3.52679154	3.52154221
0.07750303	0.01103341	0.05344555	0.49459616	0.29872673	0.03136479	0.42244874
5.26718196	5.0623597	5.12267156	4.56598718	4.77040035	4.78992941	4.8120867
1.00903348	0.77631714	1.10064973	1.00E-04	0.1561802	0.29925372	0.29063551
0.71862003	0.44785976	0.55212694	1.02947659	1.81670297	1.3820038	1.52098886
0.03701437	0.17958969	0.24831239	1.00E-04	1.00E-04	0.1573353	1.00E-04
1.00E-04	0.00682677	0.02620062	1.00E-04	0.23900429	0.03265287	0.1627928
1.13304492	0.78681061	0.74067518	0.89682555	1.68738975	1.60005665	1.8540191
3.98020619	4.225798	4.0442737	1.45263713	2.07361013	2.31674572	2.26045862
0.41395807	0.38067292	0.6366123	1.65883362	1.34747729	1.89468249	2.1815906
3.72467449	2.90748711	3.73269422	4.39783029	4.78189695	4.6048322	4.77050611
3.984523	4.02334274	3.9104364	2.81635914	3.45670521	3.32837395	3.36620641
2.76417711	2.60165578	2.60189442	0.52381764	0.75970377	1.41501372	1.30523184
0.03115232	0.04215846	0.05077622	1.00E-04	1.00E-04	0.19013038	1.00E-04
0.10077741	0.01459481	0.03714355	0.15997598	1.00E-04	1.00E-04	1.00E-04
0.17553769	0.25347578	0.15897737	1.00E-04	0.09614017	0.07416567	0.08670263
3.40719265	2.97768105	3.21225054	3.74614088	3.9703431	3.90271428	3.89702854
3.81975192	3.36048779	3.5865725	4.58390092	4.8559322	4.84190554	4.87801026
1.58637045	1.93229994	1.99377721	0.8238014	0.96986314	1.55603807	1.38696202
1.00E-04	0.02293314	0.01025677	1.00E-04	1.00E-04	0.22509713	0.23431125
0.29517626	0.08947837	0.13278008	1.00E-04	0.15132475	0.30929378	0.20034944
0.06233818	0.01764414	0.02504351	1.00E-04	0.17594558	1.00E-04	1.00E-04
0.19552849	0.15132462	0.29138587	1.00E-04	0.6390823	0.41830133	0.941336

2.37464273	2.41735194	2.38901006	0.27512117	1.12895524	1.12609894	1.03233152
5.9339145	5.50745707	5.59275619	6.23603758	6.47520995	6.2677449	6.4050282
3.32891381	2.78737243	2.91087974	4.04076418	4.07476975	3.7312589	4.08725257
3.98599199	3.32755209	3.50817695	1.08131167	1.61179185	1.16428398	1.38239605
4.12327561	3.81358855	4.09696973	3.52187698	3.66952428	3.94540931	3.7415549
4.9471088	4.18038663	4.22843242	2.21074971	3.00210205	2.05446638	2.14710074
0.04828134	0.02951446	0.039861	0.24342898	0.01942284	0.29503796	1.00E-04
3.09752698	2.34271707	2.44321801	2.59092605	2.69229437	2.46807129	2.4467382
0.08772263	0.02634697	0.04406431	1.00E-04	1.00E-04	0.13907327	1.00E-04
0.54852591	0.57277198	0.59465157	0.32085473	0.27140615	0.58410737	0.59625645
3.49338445	3.35310819	3.42457209	2.70032205	3.12559609	3.20160482	3.41515228
3.81674365	4.06259696	3.91853986	2.09137743	2.55993926	3.14794048	2.99143364
3.55700755	3.64058531	3.6693794	3.28406497	3.64322146	3.67984031	3.76962751
0.56876949	0.25998538	0.48934832	1.07733554	1.15350065	0.58514046	1.20266337
1.09034344	0.51128412	0.60521047	0.23029246	1.06187915	1.02615979	0.62395829
4.39386868	4.12097509	4.30094298	4.6046132	4.81042426	4.89142064	4.94207636
3.29770156	2.94929276	3.10747042	3.09681401	3.55696515	3.42021376	3.47939987
0.87401425	0.80541559	1.07831245	0.16085536	0.11996199	0.13878917	1.00E-04
4.05820571	3.60408358	3.76649001	4.98414039	5.31656672	5.25280818	5.32414615
1.06184119	0.76144907	0.84284599	1.39160194	1.3511294	1.10804744	1.37070919
2.05947153	1.34915722	1.50153851	1.53611265	1.59088238	1.04575577	1.19224959
0.60351273	0.30450036	0.40398108	1.36908593	0.66182677	0.47985099	1.00450506
1.53887803	0.93395446	1.07209998	0.66368626	1.69897891	1.97240609	1.78554602
0.02059004	0.11765512	0.17478986	1.00E-04	1.00E-04	1.00E-04	0.18111525
6.48009509	6.30609671	6.12201727	5.20142749	5.80224675	5.61919201	5.27995524
0.44905021	0.34303425	0.72316614	1.19148341	1.42122179	1.28293134	1.53161191
0.09867663	0.08405903	0.02750488	1.00E-04	0.09061501	0.03761113	1.00E-04
0.06394915	0.02916247	0.00953542	1.00E-04	0.12392856	1.00E-04	1.00E-04
2.01716193	1.75956738	2.18150331	2.10982611	2.51517833	2.57912847	2.62216227
1.69825382	1.92758928	2.11327448	0.75829784	0.96719433	0.89515222	1.4447571
0.12354176	0.06892968	0.02512028	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20237504	0.35681926	0.35800104	0.97397924	0.82127347	1.1157454	1.13344215
4.57093002	3.98837922	3.94136393	1.32029799	1.96559388	1.90489826	2.0646924
5.74824074	5.61773686	5.54403169	2.85496938	3.14496233	3.50801724	3.4755627
4.13574454	4.233995	4.36016272	3.32483323	3.54496422	3.79515381	3.96231869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15402317	0.00502575	0.01313222	1.00E-04	1.00E-04	0.09839861	0.06548989
0.44071656	0.15816686	0.230426	0.4901309	0.8869365	0.25276292	0.53876538
0.73253659	0.40632443	0.43530412	0.98119978	0.76423305	0.99501118	1.3001344
0.4441769	0.22673261	0.42814437	0.80680744	1.07567004	0.62030044	0.66707687
1.11369761	0.75801419	0.86330231	1.5792	1.45398296	1.02135342	1.31161962
4.39516259	5.33540903	5.16192246	2.96310334	3.31760109	3.99324791	3.95981969
5.15933042	4.62741486	4.79215868	5.59349425	5.87059826	5.79030143	5.84266848

3.62436686	2.99726631	3.28990305	4.63236805	4.88996217	4.70073201	4.77781681
4.974872	4.6895892	4.76549729	5.40742187	5.87454254	5.75657439	5.79552684
1.79814003	2.21728298	2.2959541	2.34194381	2.25424443	2.45525071	2.51200558
4.68324473	4.19247512	4.40277099	5.33056881	5.60802604	5.72280565	5.65346784
3.6203262	3.53959395	3.52712903	3.00016319	3.33624421	3.37772687	3.49025756
0.07719134	0.12269184	0.12188476	0.16868214	0.39663202	0.80186451	0.98062405
0.18046596	0.01234121	1.00E-04	1.00E-04	0.14380688	0.08084598	1.00E-04
3.37429154	3.4602549	3.47190188	2.34391184	2.90335026	2.96636847	3.24205291
4.53098289	3.99293823	4.1388649	4.23275536	4.68220317	4.73871589	4.70023459
3.72021677	3.85092784	3.80275392	3.75875183	3.99190558	3.93055995	3.86131896
5.49692403	5.00222241	5.07439735	5.47343766	5.7131468	5.61185112	5.65986015
2.97128514	3.24956332	3.30215518	1.68758963	1.43327814	2.25911644	2.72022434
2.60441693	2.65422136	2.79872495	2.60512494	2.50128508	2.71328253	2.93604884
2.39474829	1.8405028	2.07378124	2.31449672	2.39587407	2.28774012	2.59222378
4.81839631	4.65311845	4.63693675	4.45331003	4.76082995	4.7302469	4.79756257
3.05602862	2.79044027	2.92019118	3.23428554	3.38987292	3.27404247	3.39074594
3.09527278	2.55531166	2.75329151	3.2139303	3.89966448	3.59287605	3.62857692
2.52672899	2.16691092	2.19881491	2.66659356	2.72779143	2.5882231	2.63473778
2.39462487	2.40962026	2.42595432	1.91730796	2.33018923	2.33740997	2.73195093
3.48032925	2.91267821	2.90620511	3.10972008	3.34018172	2.93542083	2.98993975
1.07759939	0.84052208	1.07203213	0.81133838	1.55260731	0.95658494	1.00351241
2.7162615	3.24052342	3.27168233	1.75155485	2.35453962	3.15023865	3.25677685
1.00E-04	0.0168621	0.05591539	1.00E-04	0.23237262	0.04612901	1.00E-04
1.00E-04	1.00E-04	0.04956669	1.00E-04	1.00E-04	0.22088669	0.08144207
5.67575879	4.97224612	5.006709	4.70508185	5.01714401	5.03811627	5.03523442
4.63057816	4.08685734	4.1639821	3.6331147	4.0669226	4.30953093	4.37285413
1.58448223	1.65199822	1.79226815	2.08198626	2.70924914	2.3110709	2.32574021
4.5479747	4.41136194	4.46579784	4.9340832	5.06337206	5.11933049	5.23575628
1.1537014	0.76401286	1.30673562	0.72973472	1.33760787	1.00216061	1.22656506
2.42047591	1.98837681	2.25433482	3.39230596	3.36920637	3.1801595	3.21242774
1.00E-04	0.0336426	0.05433887	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12777914	0.66760758	0.79586519	0.73185978	1.50227733	1.68662758	1.64491861
0.81016229	0.60810921	0.76666959	0.19594204	1.00E-04	0.20515823	0.25681122
3.77919489	4.0166448	4.03395397	3.35180482	3.60155007	3.89208096	3.99778789
0.04209196	0.04328467	0.08622671	0.77185462	0.35710662	0.09796532	0.12473124
1.00E-04	0.02279013	0.03574015	1.00E-04	1.00E-04	0.04593357	1.00E-04
2.90195743	3.0802206	3.08186992	2.06630432	2.49257496	2.76875223	2.82351052
0.55584979	0.42168754	0.3110503	0.48714246	0.62150369	0.40649149	0.48310548
2.64678557	2.79181311	2.77310092	1.1294869	1.39835527	1.81562528	1.84356745
1.89331408	1.34125257	1.42275687	0.79837362	1.60481132	1.44605631	1.50455886
0.7865352	0.27160761	0.4599684	2.86589607	2.99247238	2.70823209	2.22344454
1.00E-04	0.01748368	0.00607316	1.00E-04	1.00E-04	0.11441224	1.00E-04
0.32576937	0.07643724	0.66756467	0.33051816	0.15698159	0.06302463	0.30599265

0.1604733	0.19669917	0.18943905	3.3437728	3.32534531	3.35670799	3.23493492
2.30088543	2.47937536	2.46477385	2.16467744	2.28852244	2.56373815	2.42152177
0.08099956	0.01413898	0.10384628	0.67498169	0.71448162	0.90178514	0.29574276
0.31402154	0.15179417	0.21654366	1.00E-04	0.11467883	0.38722395	0.46054444
0.08567999	0.07504418	0.09628171	0.22345439	0.40176955	0.27078533	0.16974632
0.03643048	1.00E-04	0.0066183	1.00E-04	0.44207892	0.10402445	1.00E-04
0.09355835	0.02355825	0.09248983	1.00E-04	1.00E-04	0.03130715	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0301859	0.03504665	0.04501015	1.00E-04	1.00E-04	0.03662361	0.12766536
2.81293434	2.19429813	2.40856664	1.44809516	1.72806692	1.70629634	2.10192033
4.21707365	4.00088342	4.10354912	3.60828516	3.95170694	3.87493464	3.86702436
3.20477548	3.245003	3.23257813	2.55374857	2.93206516	2.95632411	3.05308785
1.67125988	2.06618568	2.20502764	1.77465474	1.7190248	2.28910208	2.09662986
3.94125493	3.3648436	3.55172203	3.93452608	4.3247004	4.19936939	4.21876125
4.84388735	4.90300684	4.71594163	2.43423601	3.1263301	3.31299893	3.40763151
2.99636764	2.70338825	2.81541704	2.39542656	3.10326619	3.30190508	2.90683228
4.88809876	4.93801461	4.99990344	4.28724278	4.58742204	4.66251698	4.68981207
4.64399778	5.04649314	4.73883664	3.20134934	3.7626725	4.09758521	4.05846576
3.33641115	3.40588029	3.26911574	3.0703936	3.30076178	3.19776138	3.19217851
3.06013264	3.52255405	3.50972658	1.63770468	2.2053484	2.39564353	2.48376935
3.91810083	3.5699095	3.65696848	4.26804758	4.53290148	4.47379635	4.53459349
2.87670852	3.45328461	3.41627373	2.11435193	2.43270459	2.65577505	2.72000904
1.00E-04	1.00E-04	0.03092028	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.26517072	2.27779292	2.43202661	2.00114571	2.13945719	2.56212752	2.64979109
2.05470031	1.88080458	2.32006323	2.04996076	2.46259279	2.91925627	3.16845816
3.4153076	3.65117683	3.62410144	1.20557698	1.53543976	2.25938201	1.70779914
1.35029224	1.25445736	1.35559051	0.58741844	0.97202543	0.86484441	1.17776907
4.02627376	4.34515347	4.32356591	0.86649637	1.43724095	2.6228058	2.23516315
2.48537874	3.09631224	3.08176768	1.87162536	2.28721947	2.83874997	2.90770601
0.86113015	0.79278353	0.97930696	1.0680469	1.09050172	1.01035696	1.09594266
0.42410529	0.4788426	0.61268573	0.10312421	0.23457848	0.3328859	0.27758506
1.24706682	1.13201167	1.39907387	2.19601001	2.71799428	2.29438004	2.58239302
3.00828293	3.35017132	3.37251517	1.3904912	1.8514601	2.34294141	2.24538366
3.31629046	3.55969123	3.59260977	2.83312105	3.22997105	3.46997474	3.52480506
3.1838808	3.5286177	3.4182929	1.23689278	1.85270452	2.37681888	2.42300763
4.91394272	4.61268677	4.70209105	4.97152809	5.1218016	5.18485098	5.17870667
3.9773347	4.33907839	4.41226755	3.51227915	3.89185563	4.06152469	3.96978745
4.09097855	4.66012387	4.5319195	2.56350392	3.0210892	3.43109217	3.31654507
2.15348113	1.91097583	2.1787969	1.2588744	1.61404253	1.76001267	1.89550471
1.03976519	1.23033082	1.34527399	0.19482751	0.4803069	0.59351261	0.96242287
2.8553775	3.23844724	3.37786035	0.37523242	1.12011736	2.01232529	2.00722525
3.69856263	3.91486525	3.73973093	2.6194719	2.85095184	3.2021964	3.3640481
0.3580069	0.52453591	0.65830418	0.36656218	0.53396641	1.07877502	1.55640538

4.33855799	3.68542947	3.99099198	2.98597033	3.17031435	3.34960708	3.22683904
5.03405313	5.13757927	4.87954477	4.82557271	5.08571835	5.07791248	5.06610888
0.82172968	0.24708402	0.38949639	0.75854994	0.45105999	0.79016014	0.98923675
4.47555742	3.96722983	4.19244507	4.27268509	4.3367113	4.18222371	4.43490273
5.34688529	4.81986288	5.00043385	4.88282642	5.29047954	5.24405722	5.16229284
1.2028535	0.90001237	0.95327671	2.04438628	2.26959857	1.97273967	2.11463188
2.94392306	2.72073476	2.97053337	3.36239014	3.83249762	3.76048937	3.71781885
3.41941548	3.06534656	3.24578617	3.50018996	4.03279629	3.95831014	3.9255516
4.92352412	4.42072417	4.38995418	4.89328817	5.2356816	5.09793605	5.10349249
3.0927837	2.71120528	2.81919503	3.33711584	3.7403149	3.66790107	3.50404518
3.91282917	3.42205575	3.68887136	4.00314562	4.34355805	4.22859766	4.29459021
3.55869837	3.1996276	3.27886184	3.81380887	4.09218239	3.83141778	3.84206163
3.91769982	3.20524332	3.39892971	4.20327805	4.61571914	4.42524887	4.52983766
2.42538209	2.29491622	2.36463486	4.27714401	4.44609481	4.19807658	4.29014918
1.59920137	1.19184128	1.36489707	1.85806155	2.50300146	2.58696571	2.5379723
4.19622439	3.75806437	3.92797221	4.62005493	5.00629569	4.91080151	4.86930408
3.0779422	3.09109552	3.16413662	2.88393772	3.23931745	3.31838929	3.42518687
2.59472956	2.56032506	2.76360681	2.87318864	3.18486919	3.27093693	3.26086724
1.56912019	1.58649467	1.70615029	1.27503771	1.72141937	1.77602382	1.90699273
1.7360297	1.62796597	1.75005286	2.18471859	2.41941041	2.32590514	2.79122716
2.99448582	2.96211427	3.02908518	3.45090497	3.78677338	3.64718307	3.62691424
3.20339319	2.85494356	3.12323381	3.26620569	3.78062011	3.80980502	3.89318666
3.67008024	3.35805878	3.43863955	3.74453437	3.98028019	3.91941847	4.02894519
1.59143858	1.53991968	1.63032731	1.43418218	1.07582066	1.4053813	1.12659508
1.34152173	1.15716613	1.38796742	1.74480127	1.9047572	1.8643178	2.22467992
3.28260093	3.16346403	3.30597753	3.43578764	3.63610862	3.64563138	3.68870616
2.99282685	2.78818991	2.92809879	3.54563834	3.66956438	3.8304751	3.73952094
3.42530957	3.10738029	3.1655913	3.510448	3.73066813	3.64485944	3.69050749
4.90895136	4.27838736	4.39577817	5.28368178	5.67047013	5.48031442	5.47076719
6.24181355	6.78155499	6.64318409	3.24959488	3.71481265	4.81376513	4.34527301
1.43018688	1.09642041	1.23764401	1.87894398	2.49517959	2.39456051	2.26529705
4.73106025	4.63876059	4.4833965	3.43325776	3.7932036	3.83518425	3.896918
0.93317857	0.68476118	0.76028816	1.81594652	1.91549738	1.92104166	2.0090792
3.21899968	3.51139347	3.42507859	2.66952211	2.91342711	2.93737252	3.02772098
0.06587173	0.0716395	0.13970583	1.00E-04	0.49367205	0.57309298	0.61944556
0.07089052	0.10451794	0.09475167	0.2075173	0.15843334	0.17692823	0.53989551
3.77761837	3.48696746	3.6557179	4.0831077	4.49213768	4.30040825	4.47663756
0.72656582	0.51778477	0.40361281	0.67376196	1.21286065	1.28228821	1.2218549
0.31767844	0.0925882	0.12543427	1.00E-04	0.56032453	0.18516727	0.31149929
3.30279603	3.45113116	3.18898942	3.60943266	3.57249182	3.64245996	3.70679831
1.00E-04	1.00E-04	0.03933513	1.00E-04	1.00E-04	0.2541351	1.00E-04
3.52391872	2.77872185	2.71628677	1.825975	2.75632651	2.07391797	2.39518977
0.2004	0.08762243	0.10893201	0.3795633	0.97543955	0.11359413	0.40682285

0.47504089	0.3342354	0.30457617	1.00E-04	0.18154224	0.31682655	0.2092034
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25149436	0.16161894	0.17709447	0.82612584	0.683556	0.067829	0.35844119
2.45344477	2.38437023	2.50323757	2.74781046	2.832845	3.10785776	3.18012797
0.07253401	0.1585489	0.08580876	1.00E-04	1.00E-04	0.15599891	0.15976736
0.01950594	0.02131036	0.03473728	1.00E-04	0.11105475	1.00E-04	0.09043425
0.00797959	0.03212778	0.12083666	1.00E-04	0.11112229	0.17429747	0.72606486
1.16021648	0.97142882	0.73731993	1.00E-04	1.00E-04	0.19833329	0.06792119
2.83058545	3.125954	3.09475668	1.51638002	1.74146519	2.2660383	2.21606541
2.18057676	2.51830859	2.50688065	0.56088076	1.44066768	1.78916735	1.44332554
0.56460407	0.20209378	0.27865483	0.13845557	0.50655425	0.5808245	0.17436361
0.67161639	0.42821169	0.74214139	0.22224756	0.33219286	0.39975628	0.11419428
0.4391969	0.46304258	0.70841467	1.00E-04	0.11867897	0.3541711	1.00E-04
0.57973565	0.52528039	0.65062126	0.10579026	0.26264747	0.07392749	1.00E-04
3.50747784	3.66743997	3.85386369	2.69381106	2.9479766	3.39407937	3.64564765
4.63363238	2.98608789	2.88504851	0.77009006	2.51255261	1.80300782	2.25875878
5.30524548	3.2661589	3.73853002	2.62215065	4.03533113	3.09410054	3.49475364
4.27476132	2.58342386	2.92369206	2.78832081	3.12957382	2.85492586	3.05898661
4.36328969	2.92004498	2.96760344	2.51358594	2.97276143	2.72262983	2.7532248
1.03788355	1.04196301	1.21025014	1.75312794	1.61224061	1.33821967	1.58515689
7.62473848	8.03082171	7.98737107	4.43376848	5.08830389	6.07753534	5.79695793
2.36079111	2.41859917	2.50639309	2.28338758	2.79245198	2.88757655	2.77207447
0.07215928	0.0907554	0.06404786	1.00E-04	0.1802426	0.27018259	1.00E-04
1.00E-04	0.00969469	0.01659367	0.10283466	1.00E-04	0.09191147	1.01300275
2.49356179	1.89162054	1.939147	2.52014517	2.90052235	2.25723429	2.48027702
0.27193801	0.1165504	0.06023719	0.12071698	0.2522725	0.09258905	0.14368443
1.00E-04	0.01436721	0.00766259	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07510358	0.15589237	0.1758607	2.79429886	2.81146388	3.56632434	2.96874043
2.72467619	2.92786178	2.8184875	0.86006992	1.0684432	1.54636737	1.62568074
4.27158655	4.43929091	4.39598729	3.65066922	3.94324875	4.18715718	4.34856892
0.0966743	0.28199221	0.29327031	0.6593262	0.89644039	1.03302104	1.15921122
0.2454352	0.0760586	0.18792089	0.22527728	0.330662	0.30328397	0.35117325
0.43617004	0.34262103	0.34245384	0.19594204	0.8569726	0.63756574	0.34978152
2.82817568	2.83910317	2.89385335	1.96240694	2.23547437	1.87527615	2.1933311
1.00E-04	0.00514426	0.00360565	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03553508	0.05230622	0.06410172	0.08400379	1.00E-04	1.00E-04	1.00E-04
1.08657043	0.12723511	0.19113599	1.2516365	1.19924607	1.7112368	1.73860002
3.743434	3.65165512	3.69554145	3.34064792	3.6508614	3.90332481	3.72716045
1.00E-04	0.0300215	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.07903539
2.38207181	2.16135642	2.25746779	2.99110986	3.30841016	3.18665285	3.35499963
2.80590862	2.56274191	2.71095587	2.97439812	3.14207577	3.46998805	3.54840271
5.026487	4.45741671	4.5784132	1.35435755	2.67656064	2.94443643	2.72420165
0.25783955	0.13693272	0.25855889	1.00E-04	1.00E-04	1.00E-04	0.04454767

0.02043043	0.05327685	0.04436636	1.00E-04	0.13358516	0.08387806	1.00E-04
0.02354334	1.00E-04	0.00540297	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.05954405	2.80582995	3.04693163	2.83732122	3.20087161	3.35308377	3.32927456
0.60006766	0.2969824	0.54568294	0.65032149	1.18236776	0.80054371	1.371447
3.27171037	2.92691108	3.10990417	3.71382702	4.02872324	3.84229721	3.96187992
4.664988	4.02338631	4.35777002	5.31405216	5.54366998	5.43689631	5.51679139
4.93089361	4.61358556	4.75549017	4.89218865	5.0467809	5.07128746	5.20610695
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.74412184	2.8102536	2.8481201	2.22909493	2.36792825	2.59903561	2.69213292
1.66309019	1.800047	1.95792924	1.33491782	1.68856253	1.98193053	2.12767883
2.57102904	2.8405982	2.79617704	1.21804193	2.00452576	1.93451941	2.10498288
3.30302998	3.28557693	3.2233787	2.7841899	3.28578534	3.18829447	3.11414097
4.08005019	4.31847473	4.23985773	1.73835254	1.90467931	2.65549104	2.14542554
2.35624715	2.2672028	2.63190913	3.09181776	3.26360923	3.15188934	3.41136584
0.36723849	0.36134752	0.33048964	0.18920482	1.00E-04	0.62336029	0.08314926
4.07181873	3.56952027	3.83310583	5.38846469	5.42640702	5.46952869	5.50964282
0.67601913	0.33735949	0.43602028	0.79515824	1.02881369	1.43166439	1.73475407
0.55097793	0.15760953	0.13212257	0.28321541	0.44896039	0.24686068	0.29910965
4.85794979	4.498056	4.50992609	4.68402629	5.10283332	5.13136362	4.9830049
0.68991239	0.66655815	0.87383382	0.50884938	1.00E-04	0.47973801	0.7273075
0.35572699	0.24681474	0.17856147	1.64354903	1.74857869	1.69946369	1.59140073
0.02819139	0.0162254	0.00721631	0.40075034	1.00E-04	0.02787537	0.16617002
0.02391815	1.00E-04	0.0255343	1.00E-04	1.00E-04	1.00E-04	0.24765426
0.05391887	0.02163986	0.0759141	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19022395	0.23725434	0.42925835	0.35908599	0.22896146	0.53330255	0.80858887
0.30188414	0.11062647	0.25544573	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.63056678	2.80114778	3.2636118	0.42493722	0.41782966	0.74159069	0.54324167
6.20037529	6.44865615	6.18376515	3.52048837	3.74608045	4.32908721	4.09308821
2.95697965	2.87558223	2.86583074	3.15846245	3.3626673	3.39085299	3.54175069
0.35945417	0.33091935	0.34438071	0.1656693	0.46775878	0.22375983	0.1540424
0.21906004	0.06756408	0.07024913	0.42913356	0.32788704	0.43359174	0.29087612
0.02020401	0.01028433	0.02839052	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00685523	0.01751684	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06086528	1.00E-04	0.01642232	1.00E-04	1.00E-04	1.00E-04	0.07742349
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.69875382	4.19775708	4.37940969	4.68683141	5.04791176	4.92866213	4.87129934
3.15645913	2.72072325	2.96909721	2.80835572	3.34773058	3.02304967	2.94998255
0.09290689	0.0037399	0.0118889	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33403606	0.39300345	0.35413815	1.117007	1.18631577	1.29415835	0.94752606
4.13569422	3.58419201	3.78053039	1.61916181	1.69804987	1.62824714	1.69508521
0.04254571	0.28315356	0.14327116	1.00E-04	0.13214349	1.00E-04	1.00E-04
1.00E-04	0.02406939	1.00E-04	1.00E-04	1.00E-04	0.13044891	1.00E-04
0.15900692	0.27585337	0.35793029	0.7615345	0.87268177	1.46125201	1.41032144

2.50618701	2.44736576	2.62420038	2.09959646	2.20203068	2.37726244	2.37866635
1.00E-04	0.12957883	0.0224754	0.10863018	1.00E-04	1.00E-04	1.00E-04
1.33540836	0.96273027	1.13656817	1.97994712	2.33807069	2.06095799	2.0870694
1.00E-04	0.0087441	0.01284679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67179878	0.5123761	0.69151805	0.12172032	1.16091242	0.53837022	0.90827993
1.00E-04	0.01095527	0.01466376	1.00E-04	1.00E-04	0.12495561	0.12218249
3.64764177	3.33311996	3.43607718	4.38273482	4.57883305	4.63800692	4.6058003
0.81854205	0.53757562	0.46144867	0.84002816	1.27803398	1.36010528	1.16055699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0163781	0.00398678	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00451418	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06184431	0.01554183	0.03912212	1.00E-04	0.10776116	0.1584226	1.00E-04
0.03451652	0.01197452	0.01544491	1.00E-04	0.16598656	1.00E-04	1.00E-04
0.03770239	0.01025486	0.02289474	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91187194	0.81505079	0.73963734	1.00E-04	1.00E-04	0.15057263	0.03882749
3.39751353	3.80096168	3.77152585	3.10778542	3.31936713	3.64174424	3.62496948
3.55613749	3.48249386	3.71565194	2.64280981	3.38521175	3.2579661	3.26344651
1.86169571	2.15606669	2.28386679	1.45991654	1.34237018	1.80062191	2.21321812
0.8907146	0.56732436	0.7591443	1.73914462	1.64686258	1.74778568	1.7654365
3.93926221	3.46631504	3.55819591	3.77201669	4.50957963	4.34546595	4.25935584
3.491266	3.47899951	3.22503858	3.81305313	3.80652947	3.76598172	3.97075251
3.83150481	3.57093693	3.62897318	3.99521305	4.53461725	4.47876519	4.46452008
3.28622849	2.76139958	2.95290831	3.4154791	3.78325784	3.89758822	3.77232484
2.18200897	1.90787893	2.2060016	1.67335319	1.77411651	1.90416203	2.08492928
0.4620929	0.309604	0.49588751	0.79543108	1.34097814	1.88916666	1.82227658
2.99314934	3.29788826	3.25720415	2.10028369	2.51722272	2.77802585	3.0838725
3.15525264	3.48226043	3.49262219	0.9707003	1.72406282	2.27398297	2.50589165
1.99385596	1.64602619	1.79606018	1.68098891	1.64525036	1.86946774	2.12681129
4.66465028	4.63305881	4.65795025	3.96356666	4.23266266	4.39634732	4.49489758
3.64481776	3.46664252	3.58758331	3.97834248	4.22519527	4.20246172	4.30462006
0.64527461	0.4898351	0.56621625	0.34463688	1.19203994	0.71207462	0.81268982
1.38487143	0.76378568	0.74796912	0.33168177	1.29197753	0.91101374	1.34902369
6.72478318	6.65226856	6.36019573	4.47416352	4.99055196	5.00183628	4.90677978
5.3472603	5.03842798	5.09237435	3.22571091	3.87198978	3.78332371	3.71120203
3.45981482	3.16844754	3.29780543	3.77560488	3.78408227	3.73118887	3.6618305
4.72352009	3.46545568	3.95327798	5.00307379	5.15431073	5.00288696	4.88336109
1.35748979	0.86469403	0.98349929	1.69755957	1.32053267	0.89128915	0.84562387
0.38629631	0.33563841	0.25349089	0.24255538	0.99422006	0.8322206	1.04572887
1.63659202	1.57170502	1.67462453	3.45535078	3.6076214	3.52735419	3.5624747
6.64530418	5.90012865	5.93981735	5.97299343	6.23935662	6.16098178	6.10575144
4.89655866	4.41223654	4.62119477	5.5598033	5.73693165	5.68834906	5.64792365

4.71974602	4.79992143	4.82689724	1.76929249	1.85065198	2.51469706	2.07899299
1.56299142	1.46809963	1.61098612	0.62744812	1.41771452	1.27242163	1.4790198
2.82145646	2.93558403	2.88395683	2.5258194	2.91511463	3.20492952	3.11742234
3.06835357	3.48397526	3.54280322	2.62581758	2.75565927	3.16787117	3.14661599
1.24628929	1.21388838	1.38049001	1.6426024	1.72688973	2.04896198	1.93660626
0.94278805	0.57303487	0.92498858	0.41785221	0.80572408	0.4495887	1.0484224
3.5424009	3.77668353	3.65680622	2.84114017	3.22750057	3.52651877	3.6125576
4.0952926	3.84312559	3.49301994	0.69862583	1.66043689	1.94170142	1.83550679
0.25142404	0.12113841	0.24049623	0.14851373	0.3830148	0.54585431	0.22558287
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02414478	0.08957305	0.09954178	0.34008933	0.48536148	0.97797561	0.80613558
4.24694256	5.0641201	4.92153283	1.3294631	2.37878942	3.58909756	3.57441248
3.4805949	4.16785249	4.13934686	1.98662841	2.60193366	3.24061809	3.32163382
5.06982574	5.40360924	5.41224038	4.36752865	4.57229888	4.68296644	4.74418375
4.20597732	4.13613874	4.18734502	3.40766371	3.68783289	3.8759179	3.98007045
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20303684
0.1024441	0.09102254	0.07489662	1.00E-04	0.09265084	0.17125054	0.53851977
0.22903411	0.20601521	0.3353562	1.26978699	1.38402064	1.11665022	0.87513237
0.12149431	0.07516991	0.13476541	1.00E-04	0.17689075	0.06517786	0.20036287
1.00E-04	0.01338383	0.0067385	0.14161661	0.18868817	0.25027376	0.63746473
1.00E-04	0.0122339	0.04543969	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03349381	0.00972851	1.00E-04	0.11145705	0.03155893	0.08292687	0.04119131
1.00E-04	0.00524401	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02205472	1.00E-04	0.34903433	0.05625963	1.00E-04
1.00E-04	1.00E-04	0.01264097	1.00E-04	1.00E-04	1.00E-04	0.39347428
1.00E-04	0.00467748	1.00E-04	1.00E-04	1.00E-04	0.16019809	1.00E-04
1.00E-04	0.009964	1.00E-04	1.00E-04	0.25974777	0.02753112	0.26175952
3.53544339	3.79331536	3.73240376	2.88180652	3.34175344	3.52653166	3.5268357
1.56185754	1.27389093	1.2686217	1.03416085	1.38234688	1.41558303	1.53149869
4.19296957	4.8155331	3.5866145	1.44652763	2.36338692	3.33482129	2.57592284
2.76466705	2.35286373	2.48404194	3.0461329	3.2652083	3.03645119	3.09715153
3.68294916	3.24301457	3.35520031	4.08627848	4.24234932	4.04893199	4.26201298
3.45804993	3.35657783	3.38856428	3.54955139	3.70289753	3.5906831	3.69656193
2.70988207	2.75782213	2.77695818	2.34238778	2.69517911	2.60533633	2.79080696
1.00274448	0.43489127	0.72527475	1.25853929	1.23315976	1.28761443	1.04841091
1.28313281	0.67564916	0.99539673	3.2512478	3.60951202	3.49793676	3.64346992
3.44052817	3.079708	3.35374476	3.70504617	3.93184299	4.0498958	4.02532252
3.4468628	3.54840391	4.05705541	3.50915173	3.59919435	3.73441157	3.84814729
0.14130626	0.06509259	1.00E-04	0.15203124	0.32569636	0.25883567	0.2009726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.91171802	2.92225585	3.07551869	1.66398422	2.28926996	2.40449094	2.61318556
1.00E-04	1.00E-04	0.01953508	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0650651	0.04328129	0.11588416	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.42857193	0.41108853	0.42263554	0.49098037	1.27234124	0.89489619	0.92590331
0.02704895	0.01051411	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29677273	0.11458215	0.10241736	0.23124065	0.43247902	0.48781694	0.55993517
0.31885348	0.10816392	0.21862101	0.15068502	0.66741182	0.77826168	0.76718602
2.713652	3.37630333	3.37570849	2.23087757	2.54189166	2.81839716	3.06344945
2.10731954	1.85946486	2.13573108	4.49058853	4.62871935	4.49593605	4.56222983
0.12698333	0.03459201	0.01553468	0.40365782	0.28189023	0.0622839	0.1481039
2.83168551	3.30974633	3.09954976	0.85578777	0.83488847	1.3788409	1.39332964
2.29555944	2.6701426	2.59187616	0.21105484	0.83161143	1.54636461	1.63418706
3.70135626	2.99491318	3.20201207	3.63051794	3.84951819	3.80299548	3.90329313
4.3773177	4.0598234	4.32639243	4.13463011	4.3944467	4.47613117	4.49002779
1.81568022	2.0184965	2.15617041	1.36405236	1.56773329	2.00217634	2.16784797
4.78536975	4.38899837	4.37400208	4.53906117	4.85809857	4.80185105	4.669824
0.26049962	0.32050279	0.25575912	1.00E-04	1.00E-04	0.77983845	0.97343584
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.86432414	2.96616592	3.45816146	1.71021166	1.5610575	1.34495579	1.38858755
0.01756026	0.02619916	0.02450158	0.46207955	0.14264835	0.04522803	1.00E-04
4.87405327	4.4782864	4.63622328	3.90600667	4.13520254	4.1627457	4.1761522
0.44815733	0.1501346	0.26413833	2.62046932	2.3637028	2.35117615	2.27653361
0.06827931	0.01324979	0.02321921	0.31596953	0.44450798	0.72901966	0.54340905
3.52771707	3.39637424	3.67869099	3.07388762	3.14156552	2.98864779	3.15019664
2.37360944	2.57185608	2.50923241	0.81696241	0.72296495	1.20487613	1.0487655
1.40921664	1.66815262	2.08538482	2.46930065	3.07753938	2.77245464	3.28525338
2.13712036	2.34704531	2.44136635	1.46703499	1.98647207	2.21373819	2.12343769
2.92146565	2.60675426	3.33611312	0.68882612	1.71661953	2.03830979	1.51188177
3.81591981	4.14262824	4.41933726	0.72620989	1.27790102	2.02538716	1.83936194
2.85648607	2.33953264	2.96156685	2.68776031	3.50192458	3.70148885	2.98525723
1.86233751	1.83087609	1.69363908	0.6354116	0.11668759	0.54060915	0.72553626
2.89392071	2.26868798	3.34936207	0.6769286	0.30105207	0.01776122	0.64799846
2.38012897	1.58600183	1.63798611	4.56999477	4.97010354	4.34924307	4.34603752
2.49872001	2.30249921	2.40895825	1.82509173	2.42933353	2.22281942	2.46039494
2.60055824	1.5037873	1.89594207	1.00E-04	0.78438099	0.179081	0.42022477
2.36456562	1.90700379	2.09874924	1.0938796	1.05543074	0.64838515	0.83011376
0.75457074	0.51455614	0.59436391	1.94140926	2.21587177	2.4493967	2.46258165
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.61050032	4.65626326	4.31712709	4.34573112	4.4837398	4.56848546	4.45644109
0.64878797	0.93565622	0.43984511	0.16336997	0.55721222	0.33055099	0.61170842
1.6382997	1.4189406	1.40326654	1.21982675	1.29339258	1.20627949	1.59001581
4.1984003	4.52073466	4.50758803	3.67225239	3.95828823	4.08042025	4.21130591
2.15618083	1.74955491	1.75701856	2.52214716	2.88309052	2.9583901	3.02354606
4.19085287	4.56813842	4.45748115	3.27300463	3.54957854	3.91924206	3.93503517
3.05287306	2.6474772	2.87448638	3.2660797	3.7388366	3.76577851	3.74019418
6.19244477	6.48226114	6.45217413	5.3045245	5.45214756	5.72550323	5.72899101

3.03137774	2.21058568	2.33413555	3.66000574	3.99820143	3.73341657	3.75281014
3.60195766	4.05352784	3.93550777	3.17246508	3.26678109	3.48671991	3.44587797
0.02141704	0.01299786	0.07439267	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28512254	0.7775877	0.9076728	1.63773807	2.78168951	1.78889521	2.06655594
2.37344287	2.175028	2.30096102	2.78349118	2.60196901	2.76938172	2.87571651
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2.77125126	2.39701993	2.66436573	2.51554398	2.51164871	2.20070871	2.33843613
0.13977636	0.06434485	0.12984041	0.25622398	0.78461914	0.80369241	0.65692967
5.5457278	4.80055526	4.99213685	4.7402152	4.95436204	4.75364421	4.84935347
1.42001545	1.22062253	1.75417688	0.70878752	0.7367554	0.46169881	0.77913411
0.02638513	0.02629156	0.062281	1.00E-04	1.00E-04	0.17666879	1.00E-04
2.49785156	2.7557394	3.09478335	0.11770925	0.30949075	0.95067513	1.1340449
0.02547432	0.03248256	0.03807277	1.00E-04	0.18138837	0.10285723	0.12939813
0.16367635	0.04524316	0.11934207	0.11454254	0.0884656	0.17551637	0.20803373
1.38147313	1.03621592	1.34937312	1.30058218	1.68710285	1.75148907	1.58015244
0.89166206	0.60527478	0.62507396	0.62892875	0.83618925	0.43828544	0.84283728
2.40438041	2.44896375	2.46530006	2.05501163	2.20310834	2.20876253	2.44029518
5.69878781	5.17945967	5.28083894	5.71229759	6.05292692	6.00624323	5.97904626
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2.57303678	3.0138912	2.98878417	1.62602058	2.00871732	2.53298858	2.61106505
2.29850143	1.85667895	2.04374183	2.91176027	3.18573586	2.87725959	3.01103816
5.50009501	4.84762673	4.65272151	6.96494803	7.24359002	7.13439016	7.12245141
0.60753611	0.55399071	0.83007147	1.00E-04	0.34983488	0.44304898	0.24264154
1.00E-04	1.00E-04	0.00896567	1.00E-04	1.00E-04	0.13874566	1.00E-04
2.86646297	3.37445092	3.37429626	1.26252444	1.96589264	2.28539201	2.36112837
1.00E-04	0.03707896	0.0327362	0.17577722	0.06092552	0.08558355	0.20553836
3.76869474	3.68540412	3.7295259	3.43198508	3.78642022	3.88886429	3.98165168
4.49597004	4.54977088	4.54730319	4.45515673	4.72049709	4.73844897	4.7390566
0.75229062	0.90613287	1.07131953	0.63039892	0.73718911	1.10697283	1.50724003
3.86753017	4.05748746	4.21627453	1.56842054	1.86698627	2.08082271	1.94196902
3.8459655	3.86773197	3.66609806	2.63752503	3.10453392	3.38677597	3.38371495
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2.87332667	2.31876893	2.67867943	4.14066474	4.27624539	3.89547114	4.42196568
2.40250689	2.13598817	2.28432658	2.82652716	2.9551561	2.77897883	2.8063243
0.16085994	0.11766031	0.07939368	1.02649269	0.51819232	0.19010085	0.2336933
0.15214618	0.07653222	0.12372141	0.10083859	0.20646646	1.00E-04	0.18847768
2.58509627	2.56989722	2.67224051	2.55535606	2.71362637	2.57241171	2.91824472
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4.04081536	3.15086376	3.57912663	2.79746042	3.10061289	3.07544621	3.2202233
0.50360846	0.63506939	0.75431433	0.31762369	0.76482531	0.72662784	0.85585748
0.18178448	0.0747482	0.11779568	0.4755904	0.47019588	1.00E-04	0.17220921
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0.18917801	0.04202357	0.01264361	1.00E-04	1.00E-04	0.24826869	0.56420286

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3.49068424	3.96256589	3.84496748	2.43535705	2.6754876	3.06539679	3.0668798
0.07302327	0.09181492	0.09865267	0.30143229	0.18486714	0.0946102	0.23882462
2.71729548	2.31483648	2.50885351	2.96349574	3.19410251	2.86272485	2.96764811
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11711134	1.00E-04
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1.3237721	0.93366253	0.94105839	1.09704903	1.74027057	1.41034577	1.47288958
4.78081411	4.83950822	4.7905815	5.02274825	5.18639668	5.25384982	5.29195234
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.02854247	1.00E-04
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0.37353464	0.20809567	0.3462314	0.29944002	0.48923326	0.64443872	0.23310383
0.09363275	0.1518997	0.18607586	0.16942456	1.00E-04	0.09440554	0.24285517
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3.84660468	3.22026296	3.75016207	0.86377346	1.90604331	1.99001847	2.22999439
1.98945579	1.46251764	1.69279691	2.14665759	2.54591531	2.5129212	2.42523176
1.47815789	1.74257141	1.82446202	0.77755871	0.76679577	1.05022108	1.37443829
3.6611137	3.54549649	3.61780096	1.13868682	1.11304837	0.99092947	1.20452898
0.73197866	0.61783451	0.74270206	0.8848133	0.87959832	0.81055902	0.52349586
1.04813687	0.99266057	1.15190115	0.57881135	0.1381947	0.885183	0.88969041
4.40364227	4.51870262	4.62743812	2.96576469	3.00549239	3.34203134	3.50779473
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.58447519	1.63088185	2.36302718	1.93755255	2.33302129	1.48558728	1.87307497
0.74520724	0.75057808	0.51175967	0.19898324	0.27084416	0.18921524	0.33662154
0.89761091	0.78129712	0.7479811	2.43148236	2.84981307	3.06958791	2.9881176
0.05611521	0.12058561	0.08792468	1.00E-04	0.26021914	0.56784089	0.2400724
3.78295005	3.3640513	3.50167673	4.23961434	4.44386448	4.45806735	4.3712862
4.62114045	5.12780019	5.0968709	2.60731644	3.13048865	3.68476738	3.72800851
3.71854474	3.6389833	3.71973664	3.56154468	3.75137724	3.7738471	3.99105319
2.30852737	2.15117708	2.76114718	0.9536543	1.27134487	0.70666803	0.883676
4.20476157	3.78404805	3.91215346	4.59817158	4.73861921	4.77093778	4.83336972
3.20418137	3.28768944	3.4024027	3.0359833	3.38312719	3.32354706	3.46269737
2.18985905	1.48104964	1.64155503	1.99327303	2.2150858	2.07133348	2.17862956
3.16095982	2.09666397	2.27734898	3.08874892	3.6192693	3.35099479	3.2270172
4.64560957	4.08427347	4.30841534	4.20324503	4.65746481	4.36164649	4.43024739

5.25957112	3.88042643	4.27037928	4.49674194	4.94172173	4.63028571	4.78148176
3.05733647	1.88526011	2.16731386	4.02618675	4.19078031	4.35673535	4.38248406
1.21800293	1.0139255	1.13266211	1.6765862	1.74371645	1.92228833	2.15722633
2.65132098	2.43367839	2.6625736	1.88107641	2.54728077	2.68352582	2.444627
2.83663509	3.08432541	2.98462665	1.36424489	1.43649321	1.9624687	2.1819266
3.09679007	2.80235294	2.98204278	3.18536542	3.47432791	3.51747314	3.70387197
3.01330255	2.58002486	2.76432436	3.41244777	3.67993043	3.43916871	3.48965564
5.28686166	4.86819245	4.91643004	6.77983023	7.15263932	7.06216521	6.698168
4.28277078	3.13296744	3.51165284	3.11690873	3.93779242	3.30106939	3.54303438
0.4610374	0.27908451	0.4097469	0.32349798	1.14835749	0.587897	0.44454845
1.59195769	1.53062514	1.64624093	1.05693678	1.19701971	1.18273201	1.37532461
0.64570723	0.48116277	0.49470789	0.579247	1.34099601	1.00410144	1.12245071
3.89278394	3.31977409	3.66038808	3.26348308	3.27542548	2.80230618	3.21692014
3.54623792	3.82327054	3.87975762	3.22609306	3.65740129	3.60884502	3.65072096
1.00E-04	0.04783698	0.03010502	1.00E-04	1.00E-04	0.07049751	1.00E-04
1.39993122	1.225481	1.33799628	1.84339055	2.29788477	2.19581086	2.15086135
0.02218448	0.00504454	0.02943294	1.00E-04	1.00E-04	1.00E-04	0.30998707
0.46271929	0.13728712	0.17886812	0.40969814	1.20659034	0.95259658	0.70003639
0.0357183	0.00579889	0.01275252	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1098326	0.00549179	0.00728911	1.00E-04	0.1373971	0.08813878	0.31604633
1.65139626	1.20936328	1.53240226	3.86724146	3.61447176	3.18008183	3.83084251
3.95301528	3.55810473	3.42997946	2.95912252	3.50420224	3.40097119	3.58788102
3.22164248	3.29409727	2.83416057	2.92051355	3.33009304	2.78598019	2.96258885
1.96082846	1.79545132	1.98628448	2.15274727	2.54590952	2.46102817	2.54399852
0.58535533	0.64817324	0.83477483	0.46502016	0.74074586	0.58388353	0.73133514
0.04768577	0.00955445	0.00669806	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01749243	0.0533676	1.00E-04	1.00E-04	0.0610404	0.0752273
0.81264017	0.08236605	0.10377671	1.00E-04	0.50346649	0.29946658	0.59722511
0.16410477	0.18967189	0.17161491	0.24479644	1.00E-04	0.70676668	0.91822737
0.01867964	0.04466643	0.04207122	0.31804055	0.13214349	1.00E-04	1.00E-04
0.22756912	0.2073752	0.28577158	0.2229086	0.37579904	0.79191733	0.24098426
0.19678975	0.12473047	0.18583718	0.17594639	1.0024088	0.67896437	0.4195236
3.58415112	3.42660003	3.47276933	4.2427282	4.40320377	4.23445717	4.20615859
2.57198632	2.24738678	2.39516264	3.88576701	4.18275728	4.07521708	4.07551382
3.05435225	3.26760075	3.33496298	1.31145745	2.04879667	2.46211015	2.48160338
3.84816813	4.07607656	4.04306741	2.31083957	2.54221596	2.82667761	3.06076655
0.122811	0.05547034	0.08518176	1.00E-04	0.11379608	0.20224018	0.33557863
3.26026479	3.46244988	3.57474754	3.38978458	3.45898523	3.47791255	3.73981449
6.00789062	5.40109909	5.4596524	5.66309391	5.91526068	5.78106803	5.83748659
2.37628899	2.07831039	2.66200779	1.36240186	1.46037099	1.33824605	1.81282051
2.49754508	2.18829866	2.27995964	2.41995864	2.48954896	2.54405601	2.71049642
4.53962213	4.01517349	4.19836442	4.61014329	5.11338236	4.92479611	4.96419808
2.10479805	1.33954917	1.25167233	3.81404348	4.00427569	3.71392876	3.63799388

3.42470585	3.54921234	3.48728432	4.82104269	4.68937683	4.67226439	4.7281923
2.07420648	1.78682058	1.90473279	2.25774601	2.73498509	2.46899476	2.05996843
0.0266689	0.09500458	0.1937834	1.00E-04	1.00E-04	0.09864294	1.00E-04
3.25886395	3.83825688	3.64054177	0.63570564	1.43523816	2.03493239	1.48073258
2.72953948	2.49188212	2.6627016	3.46648995	3.50587809	3.30224064	3.4764526
5.00579132	5.41062687	5.34243647	3.29848613	3.54315106	4.26736296	4.27929054
4.30759395	4.40823933	4.42634869	4.25616302	4.56989227	4.46346062	4.61936305
0.51303377	0.39200891	0.42132497	0.59829093	0.66177369	0.41993342	0.61388182
2.09626346	2.30681166	2.37465716	1.48014122	1.77730775	1.90159642	2.14020987
5.17615785	4.53712521	4.79700801	5.2438073	5.47644015	5.38480749	5.32290632
2.8870469	2.62486927	2.61454733	2.91836028	3.10522342	3.1551952	3.12041899
0.25240132	0.08191066	0.06714247	0.65412065	0.43119778	0.70344035	0.46024808
0.15864128	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15826098
0.63325055	0.55710854	0.66388885	0.43302924	1.29993347	0.94850141	0.88418277
1.00E-04	0.00432211	0.01551044	1.00E-04	1.00E-04	0.09811513	0.07421728
0.69365273	0.47746217	0.81555352	1.04263943	0.91121998	1.3048352	1.17925135
0.31691213	0.17324968	0.16837469	1.79983705	0.72934793	0.49918598	0.82173496
1.00E-04	0.11885699	0.03039819	1.00E-04	0.17109374	1.00E-04	0.15191824
0.34239976	0.12734807	0.02408122	1.00E-04	1.00E-04	1.00E-04	0.07547057
2.34177163	0.91872299	1.25213416	2.80568841	3.14569997	1.85602415	2.58868197
0.40818813	0.36615191	0.42325583	0.69231602	0.83691499	0.64911408	1.17442289
0.14946601	0.01019263	0.03443531	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00987142	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08038622	0.0266437	0.00977444	1.00E-04	1.00E-04	0.16801204	1.00E-04
0.15164701	0.15483656	0.0960546	1.00E-04	1.00E-04	1.00E-04	0.07773032
0.17258963	0.13056048	0.12477625	0.18958861	0.07524403	1.00E-04	0.22707409
0.08435411	0.12937689	0.23368062	0.65292779	0.22654277	0.25162711	1.00E-04
0.03943658	0.0828775	0.08012258	1.00E-04	0.13488864	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01631468	0.00469605	1.00E-04	0.09032874	0.16747432	0.15811899
1.27628442	0.94149945	1.21830236	1.59671521	1.75358905	0.9617168	1.50510106
0.63873587	0.49564836	0.54734988	1.11831089	1.13850753	0.48000152	1.01369323
0.76134059	0.38770013	0.71193009	1.05957073	1.22046968	0.51443309	0.77470076
1.00E-04	0.04332238	0.04516184	0.18059622	0.51994451	0.14424064	0.07133816
0.79884862	0.34730355	0.60106899	0.70921606	0.63992046	0.28515067	0.78931219
0.77362926	0.28604757	0.42207187	1.4608365	1.00557803	0.65826462	0.66076563
0.18715116	0.08824453	0.15384531	0.57681874	0.28584724	0.1377305	0.46269145
1.187715	0.80605988	0.93011817	0.94210461	0.75437813	0.60107576	0.94928186
0.01232406	1.00E-04	0.02268172	1.00E-04	0.0935808	0.03262161	0.19923467
0.09502924	0.03755137	0.01433652	1.00E-04	0.41951872	1.00E-04	1.00E-04
1.70396325	1.78513762	1.89793594	1.32477477	1.8406776	1.97865207	2.03004497
4.32098948	4.25838729	4.57086462	5.63034702	5.77434081	5.94275351	5.9803667

4.31156888	4.08355498	4.09954449	4.6512743	4.69436632	4.59539909	4.59545259
2.32087271	2.71243242	2.51890979	0.85984363	1.41723848	1.71313842	1.68005736
0.84308191	0.85481568	0.9213	0.90513876	1.34361746	1.38552539	1.51420393
2.70376852	2.19494474	2.43067199	3.02387175	3.26116913	2.86927463	2.90487904
4.14962329	3.63691068	3.8408279	5.08441955	5.38149628	5.1561041	5.27322334
2.00544536	1.72081244	1.9696488	2.34857502	2.80963348	2.63140275	2.6833451
3.45830699	3.24711755	3.37569017	3.93185606	4.15809427	4.01423258	4.03331941
2.59962247	2.50577981	2.5647599	2.87404364	3.14418998	2.98046593	3.17497766
3.00710027	3.05621296	3.26326084	1.46468559	2.2044472	2.21518965	2.37711687
0.04183708	0.18925996	0.22068232	0.37513636	0.25658825	0.80448107	0.73025771
0.16214554	0.14205158	0.16273288	1.00E-04	0.48964235	0.25483704	0.23585285
4.86329864	4.46369357	4.64206899	5.50272493	5.78450181	5.61979643	5.68137406
4.18670925	4.28105374	4.26331103	3.5801504	3.79177328	4.02219132	4.24041148
4.548251	4.38227823	4.48787489	4.56479116	4.75555202	4.70812226	4.96117807
2.55107751	2.1793024	2.37362028	3.22755272	3.29543455	3.21787428	3.31682719
3.09810492	3.31534421	3.36541648	2.55756749	2.66266024	2.98023657	3.01997391
3.95818871	3.94913119	4.00933669	3.84576933	4.23036839	4.30807584	4.37048446
4.03613154	3.600085	3.66475584	4.7276865	4.78413718	4.42265161	4.48019175
4.83326431	3.95876331	4.11659596	5.77377977	5.88108937	5.86620335	5.82772941
1.35888669	0.93148104	1.04689067	5.67537025	6.00691537	5.66515195	5.65353092
1.68139687	1.61400821	1.79114228	2.52923054	2.76628008	2.55150806	2.3627546
2.88469862	2.42151854	2.7339987	3.64967425	4.00863974	3.65845913	3.88474355
0.89116903	1.08722959	1.18691702	0.56074493	0.49516385	0.54397405	0.89009239
1.9724398	0.89742223	1.42206981	1.00E-04	0.30533095	0.38646289	0.33425658
2.00067461	2.03519921	2.05953507	1.89735863	2.0888325	2.25408385	2.47497782
0.03522029	0.02954682	0.02769875	1.00E-04	1.00E-04	1.00E-04	0.11785608
0.09700377	0.05067708	0.08284703	1.00E-04	1.00E-04	1.00E-04	0.12247942
1.00E-04	1.00E-04	0.00998051	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0402701	0.07980118	0.22510796	0.17623532	0.0578846	1.00E-04
1.00E-04	0.0575365	0.04095679	1.00E-04	1.00E-04	0.18892871	0.23378547
0.7115783	0.56711695	0.54748695	0.08025885	0.37152167	0.10371187	0.21373621
1.09287069	0.46715631	0.55706481	1.50620536	2.05134218	1.40432109	1.51394747
2.61991033	2.23393386	2.4919371	3.61130333	4.1787618	4.09895621	4.05338021
1.00E-04	0.0454068	0.02363272	1.00E-04	0.13810562	1.00E-04	0.10840575
2.40751137	2.1141983	2.23172144	3.01448666	2.9623271	3.12099179	3.26230866
3.79247089	4.54601334	4.58194176	3.07123769	3.20620277	3.59826162	3.65262218
0.97441618	1.13362351	1.37076042	1.4399498	1.66271612	1.5679789	1.4967374
4.05030028	3.86144506	4.01852115	3.22317201	3.28635259	3.28294405	3.54912825
0.16091096	0.14164478	0.17726358	1.00E-04	0.495307	0.50682679	0.59846345
2.43748765	2.40659975	2.45400718	1.84134847	2.12992661	2.18282184	2.51006313
3.47795409	3.77271365	3.76201745	2.77087275	3.03324031	3.13946072	3.3669097
0.02814666	0.03334174	0.05807981	1.00E-04	1.00E-04	1.00E-04	0.20750797
0.09833804	0.06310664	0.1610116	2.15890493	1.98123904	2.06987964	2.23203651

4.46707197	4.64488762	4.6230161	4.24334139	4.26313999	4.52130055	4.61238711
3.36015648	3.44632114	3.48794738	3.05276518	3.31268119	3.37690347	3.27202915
2.64555366	2.20109268	2.31858622	1.2584443	0.9441534	1.46217969	1.76476329
3.42196427	4.05288703	3.94755285	1.6870172	1.99028032	2.38207292	2.69380322
1.26236182	1.28503606	1.40474065	0.95090787	1.4018453	1.16553355	1.77432547
4.50416186	4.98507293	4.92724769	4.01373838	3.91253136	4.28321443	4.40771217
4.20808953	4.63300591	4.57480353	2.15921422	2.82648896	3.21069998	3.42733095
4.13598828	4.45355395	4.42178897	3.49893021	3.54735313	3.65623468	3.87325134
5.0754752	4.78345586	4.85990417	4.79113099	5.03383729	4.96300874	4.9811429
3.4333418	3.58631516	3.5519056	2.77635271	3.00996563	3.40380984	3.27042215
3.97085256	4.11758086	4.04948336	2.22062029	2.60721448	3.21205161	2.84721643
0.02362414	0.02078962	0.01813499	1.00E-04	0.02237225	1.00E-04	1.00E-04
2.9180852	3.08770639	3.08166378	1.25802614	1.76915894	2.12973294	2.37180087
0.33230308	0.20181238	0.26424546	0.68648625	0.92404586	0.73571911	0.41484328
0.38768805	0.20768909	0.28593279	0.6402521	0.73894759	0.59450682	0.61808888
2.70678584	2.73350203	2.66911349	2.29535119	2.55978233	2.90470254	2.67379949
0.81139947	0.42931105	0.68701173	0.57972438	0.55021202	0.28654007	0.40399813
3.15707701	2.63460144	2.70289365	2.28676649	2.64352974	2.28151003	2.48475449
0.52061449	0.17124306	0.27106976	2.39997571	1.78375079	1.76082566	2.8305159
3.20356232	2.43799446	2.37718908	2.67423978	2.97265381	2.60308919	2.59718584
0.90131469	0.38639694	0.66271806	0.81524283	0.6141891	0.73725027	0.91034258
5.5054587	5.20634494	5.06996133	6.35040478	6.44800672	6.73500188	5.9982555
4.091377	3.93482177	4.13604634	3.74826309	3.64510543	3.67716599	3.7361843
4.99969145	4.30067186	3.96067376	5.52733119	5.75075883	5.60199976	5.56738478
0.09635942	0.11058801	0.13628832	1.00E-04	1.00E-04	0.1610213	0.10663682
3.28559569	2.026451	2.85430531	4.57840824	5.11955456	4.72845366	4.50466341
0.56397319	0.85289826	0.80945778	0.26472667	0.39574253	0.42948906	1.00E-04
1.21520305	1.17485555	1.20553023	0.10504683	0.37280057	0.70804567	0.32263654
1.00E-04	0.01834703	0.02464266	0.38564562	0.38377034	0.72854272	0.68031759
0.57565145	0.30731846	0.30873076	0.45972921	0.37536474	0.57309603	0.74595779
3.33696364	3.13306499	3.23293512	4.07789557	4.3377781	4.455822	4.65016942
1.00E-04	1.00E-04	0.00617977	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71027375	0.62270252	0.76705257	1.34992042	1.1064087	1.1450898	1.5465141
4.37130346	3.56208808	3.79578697	6.04452392	6.06016127	6.39769399	6.3419131
3.12932847	2.22201075	2.79215042	4.17164369	4.04052006	3.76875206	4.18590215
5.34322791	4.84626189	4.74785941	4.99025001	5.15781514	4.82786053	4.79251769
3.30118485	2.39431527	2.63298129	2.43632851	2.81820893	2.32702464	2.57300827
0.12087649	0.13124632	0.22679932	0.93409336	0.76347078	0.43833984	0.47493115
2.69773086	2.88499538	2.98517475	1.02610389	1.87456224	2.12369116	2.14259353
1.00E-04	0.07380966	0.11779239	1.52185549	1.70833396	1.51442909	1.52313895
2.83997052	2.42959246	2.97227392	1.00E-04	1.00E-04	0.37290651	0.44618609
5.81289349	5.03009887	5.17652684	2.75913243	3.21469761	2.73499402	3.16314809
0.30855919	0.16363794	0.2903668	3.71349013	3.53708988	4.05553741	4.54002272

0.02032958	0.0388993	0.04831011	1.00E-04	1.00E-04	0.03897551	1.00E-04
0.20954338	0.1475021	0.11805088	1.00E-04	0.26448256	0.07530503	1.00E-04
1.00E-04	0.04410231	0.04595448	1.00E-04	0.16926743	1.00E-04	0.13103246
3.62775914	3.98781104	3.86663351	2.37152684	2.4359755	2.95606075	2.76070835
3.10503152	3.43332128	3.39235871	2.0859174	2.40868105	2.78658823	2.83044751
3.95126692	3.60981465	3.50826763	3.21308886	3.61976103	3.38477467	3.51335025
0.7042151	0.48436957	0.53500713	0.5877879	1.38198418	1.50100698	1.27362847
4.65262388	4.78025856	4.73943123	4.30549453	4.60752724	4.80191787	4.78877448
3.66014902	4.0268789	3.90113769	2.60225278	2.87365184	3.23233036	3.17162182
2.29498494	1.94608718	1.81833291	1.49975914	1.38616464	1.54536568	1.37212774
4.01143761	4.34295461	4.28407159	3.19762578	3.55250073	3.75571121	3.89823768
1.54627829	1.62016899	1.80503764	1.65734765	1.91589542	1.86082836	1.94823142
1.00E-04	0.00803282	0.02686216	1.00E-04	1.00E-04	0.13413071	1.00E-04
3.027969	2.71858608	2.77237676	4.52652028	4.81099695	4.67724982	4.70581713
1.65910612	1.89333392	1.89112634	0.48164315	0.85514091	1.19579888	1.38421898
1.40108657	1.24971083	1.43689664	3.10194404	3.24747074	3.37441632	3.28365729
2.0644089	2.12862374	2.32661454	0.68723387	0.44875275	0.42069689	0.73004363
4.54488415	4.38500226	4.51576751	2.98482453	3.24733801	3.35558933	3.70325792
2.72751755	3.38260829	3.23866253	2.84994452	3.11964806	3.84626399	3.75380001
0.11172052	0.10951725	0.03516151	0.68377646	0.71941788	0.98231636	0.36671
0.40590353	0.54027771	0.34023999	1.00E-04	0.11874472	0.11910165	1.00E-04
5.74610759	4.89237388	5.10216482	4.30903206	4.6565217	4.70599605	4.76417029
3.01381377	3.14467421	3.04525993	1.68545326	2.36525285	2.20647264	2.26365518
1.64853147	1.58375025	1.81686133	1.74903386	1.79776361	1.77250529	2.28354072
0.82880713	0.87927302	1.09875759	0.97090824	0.88529653	1.05431861	1.20104603
3.97200535	3.69965312	3.76967258	3.94742501	4.42560039	4.24224184	4.18669778
1.7165679	1.28699262	0.98232928	1.00E-04	0.39315056	0.29719722	0.05951814
3.25791558	2.94494305	3.17384359	3.74559521	4.0401741	3.85063999	3.93000968
3.25056644	3.73957236	3.81241656	2.1933889	2.2247272	3.00275185	2.96499567
5.35041993	4.80194486	4.85710231	5.41943234	5.70606569	5.62221952	5.65024121
4.63872478	4.06292646	4.17022761	5.12124167	5.36464898	5.37115861	5.27794204
4.06493845	3.66100851	3.67203719	3.08580604	3.60958312	3.82322411	3.85611989
4.54064484	4.09985856	4.17070625	4.7050967	5.03139503	4.9293649	4.94080671
3.78791108	3.42882999	3.5656484	4.14213519	4.2326207	4.32935898	4.24444387
3.27819509	3.32629492	3.61769831	3.23774684	3.22581246	3.09714743	3.1250112
3.18237557	3.58762957	3.47205851	1.37190246	1.93800051	2.48750138	2.29517421
3.54445838	3.25677272	3.62350117	1.82973557	2.98599856	3.30179244	3.1205613
0.07882031	0.05610867	0.10111182	1.00E-04	1.00E-04	0.08932772	0.34385657
0.01374782	0.01726651	0.0063472	0.50879836	0.57972689	0.24002765	0.61886924
0.28848743	0.28804194	0.24406968	1.00E-04	1.00E-04	0.23562319	1.00E-04
4.58031165	4.02915992	4.22363489	5.51031106	5.86533013	5.6501191	5.50705796
0.8519823	0.84675543	1.05405572	1.01072267	1.75024459	1.81698322	1.77849457
2.59968814	2.24665676	2.27899636	2.07254843	3.10492707	3.42302899	3.254587

0.1939291	0.09766988	0.11546051	0.30230899	1.00E-04	0.19726081	0.25590088
2.98209092	1.99267527	2.11799455	5.71401549	5.94314307	5.73474101	5.12712478
0.37439192	0.03908491	0.0818874	0.21142138	0.12563583	0.13376517	0.1840516
1.57155502	1.54290594	1.33508853	1.24522564	0.97169955	0.94672071	1.12040554
4.96884234	3.70966483	4.06631727	3.44007424	3.62065618	3.49652647	3.31526931
1.83247512	1.69341435	1.99335426	1.24234003	1.66038843	1.65562301	1.81792763
0.15089613	1.00E-04	0.05267658	0.26348264	0.09637783	0.09346028	0.15567499
3.73721173	4.20208726	4.39071615	2.16828268	2.57847355	3.08521154	3.13039503
0.20810473	0.12125376	0.16802787	0.53247185	1.00E-04	0.28054301	0.19792839
6.4223011	6.31911298	6.29507006	4.69645798	5.10359345	5.20773175	5.20615588
3.20315558	3.38010315	3.33005247	2.03912514	2.14492256	2.65050731	2.37009555
2.24366607	2.29251648	2.21649617	1.75220525	2.04802787	1.98655654	2.04191983
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14522298
0.0196673	0.0432516	0.0563642	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.93536347	5.70252018	5.26612326	4.82640438	4.98911421	5.01750562	5.06113598
3.01506838	2.8872009	3.12868242	3.0483782	3.22026791	2.53645121	2.81640087
2.52270896	2.06343794	2.02945516	0.48678815	1.16704437	1.07499702	1.0432575
2.50899397	2.40801425	2.41670022	1.16043059	1.90075458	1.55359957	2.05015195
2.65895169	2.57563235	2.58716862	2.71079328	3.34293446	2.97999196	3.10807159
2.25763501	2.36598333	2.29515532	2.70613435	2.53252868	2.24178454	2.33877646
1.00E-04	1.00E-04	0.00537294	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.7626242	5.10619786	5.00335444	3.36018237	3.65427608	3.83089765	3.59497576
4.05655814	3.73594673	3.97469556	4.13154195	4.10245969	4.1083731	3.99349841
3.3073356	2.55916195	2.95246595	2.63926983	3.00171012	2.72461487	2.9616446
2.7417824	1.76518888	2.89556826	3.86391889	4.03149532	3.8010068	4.30896243
0.0590341	1.00E-04	0.00735196	1.00E-04	0.1549373	1.00E-04	0.0784558
0.62821105	0.46571308	0.72221899	1.79314508	2.45164033	2.73092003	2.32746873
2.37767826	2.40325185	2.49694848	1.58609543	2.13874778	2.1461203	2.29979053
4.37040449	4.95917583	4.78095313	2.93478361	3.49692354	3.99861705	4.21452259
2.78812472	3.01453889	3.07818163	2.56470967	2.7452674	2.86288177	2.92391322
3.00360651	2.83882407	3.06292638	3.51788537	3.62105277	3.70261813	3.73614061
2.28452187	2.1314662	2.48294918	2.04874968	2.56784871	2.69923416	2.86026341
1.02094945	1.10991873	1.05407133	1.31215087	0.91673436	1.03845625	1.2405276
0.91472576	1.15790378	1.35941948	1.03275733	1.64908134	1.63387202	1.90962856
1.82489553	1.81918973	1.87040258	0.40767712	1.52055985	1.11835539	1.26209887
1.01297905	1.27044	1.18688334	0.59118174	0.63044239	0.46341326	0.63194422
3.026611	2.8580885	2.8558554	2.7744731	3.17761746	3.23374765	3.29285548
4.83085651	4.26976741	4.18244765	4.84366195	5.01193435	4.83205899	4.93448735
3.97398129	4.22523672	4.25106809	2.83165778	3.58236032	3.86303049	3.94054029
3.12934122	3.20758931	3.19561237	1.80078768	2.32010502	2.16256162	2.38411312
2.70381848	2.85382393	2.91392673	2.60578223	2.91587651	3.09556623	3.19564766
2.77333317	2.51176809	2.6773199	2.88016886	3.23899202	3.19907247	3.13090079
2.48132062	2.28574622	2.46252816	3.00527092	3.31338752	3.32006338	3.64926144

1.62297888	1.45029149	1.63397629	1.51603042	1.83970843	1.91072752	1.9971217
0.21586402	0.2371048	0.26886906	1.00E-04	0.24552376	0.16359741	0.27316481
2.74130929	2.69939967	2.90830573	2.56376635	3.147111	3.0872266	2.91970076
3.71188149	3.39812915	3.41413314	3.99942056	4.23066646	4.11548345	4.07573373
1.00E-04	0.07639581	0.19639206	1.00E-04	1.00E-04	1.00E-04	0.2799242
2.82358424	3.3338247	3.34191396	1.15181802	1.91811689	2.05170529	2.0560034
3.99199491	3.94198317	3.96926235	3.41678387	3.89563082	4.0042142	3.87975622
5.44793614	5.71506347	5.67720834	3.63621056	4.00486546	4.35120998	4.28181893
2.76109596	3.05268352	3.02878065	1.46596047	2.03796816	2.46276968	2.38792275
5.7971313	6.49719093	6.38425161	3.61492345	4.18015674	5.16565855	5.27364266
3.9623384	4.48857595	4.40848114	1.92281314	2.33993688	3.30496177	3.06270085
0.09838346	0.11071246	0.14704274	1.00E-04	0.14686324	0.01178777	0.12273508
1.77148741	1.77382911	1.91765994	0.55133711	0.84117712	1.01702803	1.36834879
4.645702	4.22519447	4.30762817	4.44302481	4.52777403	4.27000564	4.19369009
2.1614029	1.77224578	2.13938122	0.81813444	1.41878247	1.0637735	1.76710464
3.82768244	4.08651778	4.06494058	3.10596613	3.00141254	3.22089137	3.25329859
0.75943958	0.87596727	0.89731658	0.97029091	1.9483518	1.84177092	1.95430625
3.60759826	2.80351294	2.92658565	4.47453106	4.56599585	4.53348472	4.58128478
6.0320277	6.49085464	6.52049167	3.76414976	4.23195439	5.03732145	5.12744436
2.58042587	2.3386765	2.31164577	1.23710942	2.18678396	2.43769731	2.52770541
0.34574809	0.34173615	0.51943723	1.00E-04	0.31104943	0.04978823	0.10917715
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.54204237	2.45392998	2.88427121	2.06323098	3.08803905	3.24784515	3.16358203
0.52347213	0.44579927	0.65320697	0.59525443	0.65951968	0.63828508	1.45316793
1.39341065	1.60009607	1.64487162	1.93442782	2.11891136	2.02043188	2.21811089
2.81069469	2.38246837	2.31484141	4.44383353	5.43917255	4.48236562	4.78965912
2.02865747	1.90082041	2.00339532	1.32689469	2.18830551	2.24913592	2.39674893
1.67758365	1.60606919	1.74392267	1.76762581	1.92587344	2.19576948	2.15077176
1.35398024	1.15460327	1.40463603	1.74450351	1.84565614	1.75335074	2.20628251
0.53470144	0.21929903	0.58734065	0.86556498	0.9295528	1.46204082	1.02565823
0.54519174	0.73431309	0.62593169	0.47829059	0.43566264	0.66607695	0.96819292
0.67551877	0.60321017	0.62906048	0.47536794	0.28435819	0.40939762	0.6084678
0.14684687	0.17849699	0.17362465	0.40621116	0.29091317	0.25318253	0.70876574
0.22789059	0.01722056	1.00E-04	1.00E-04	0.11773375	0.05604808	1.00E-04
4.59888478	4.69430133	4.72092337	2.82567276	3.28274349	3.41334578	3.24073347
1.00E-04	0.02402677	0.02479995	1.00E-04	0.12414391	0.06750259	0.24353199
0.34485413	0.21198109	0.39952374	3.45610616	3.39143142	3.38676191	3.84643986
3.38344252	2.93002806	3.24373816	3.5082438	3.93001823	3.83641675	3.8463987
4.59742416	5.29857109	5.12551018	2.92425368	3.25598644	3.83871773	3.78472119
4.07448251	4.59197524	4.62245615	2.39527265	2.80120574	3.31992214	3.2950082
0.09842458	0.04197271	0.07898642	1.00E-04	0.70692955	0.51455348	0.38495429
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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3.49188539	3.63234773	3.76209729	3.13565918	3.46954295	3.70121964	3.63074955
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3.27064531	3.27853201	3.43599163	3.46720723	3.64385999	3.76710952	3.92590485
0.70774252	0.43772887	0.8156009	0.26310222	0.15432325	1.00E-04	0.3847848
3.39924152	3.70049393	3.74380812	1.78636046	2.73644509	3.04895968	3.05882685
3.08786241	3.08287535	3.17011765	2.68751997	2.70892152	2.74806077	3.04494473
0.02332782	0.02941257	0.03169577	1.00E-04	0.16715288	0.14661987	1.00E-04
0.11395334	0.19742261	0.16027141	0.19652166	0.30290761	0.29992757	0.24661527
2.67960324	2.66923586	2.68928933	1.15456595	1.98523424	2.37394557	2.443246
3.54083008	3.68930392	3.61220139	2.13266534	2.98553363	3.21586079	3.26474592
3.76311425	3.61612591	3.715933	3.42340124	3.77418595	3.70099424	3.64052021
4.14029546	4.20292448	4.30509082	2.8984472	3.29267131	3.5368614	3.31102709
4.52313944	3.96822231	4.04318865	5.31524072	5.48850019	5.47753502	5.66835059
0.21135987	0.1447214	0.23806344	0.51570205	0.38696986	0.20878648	0.45047823
4.96814916	4.18570662	4.29967149	5.01320569	5.34694254	5.261326	5.14505964
3.35779522	3.55811674	3.53901485	3.01972656	3.08838135	3.38126294	3.47392668
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2.37747847	2.69960467	2.66467051	1.56886053	1.77470738	2.01398874	1.93663021
1.73202429	1.56591789	1.843499	2.57155487	2.42923845	2.53906609	3.04212632
4.35300612	4.01605095	4.25099721	3.32028335	3.72277125	3.73023655	3.70669338
4.63804958	3.96560064	4.184627	5.60675773	5.89141798	5.83282537	5.86428758
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0.97128564	1.20261593	1.13042588	0.26723075	0.20750481	0.68082102	0.46540604
1.78547814	1.077581	1.16425556	1.04632209	1.8307952	1.26023246	1.18357135
2.71556721	2.46725824	2.50307622	2.98363777	3.55476187	3.45386138	3.63962247
3.03772641	3.1633558	3.17607382	3.77985475	3.82122084	3.82442526	3.9606272
4.28758546	3.68832041	3.8479172	3.5480848	4.32672514	4.16070616	4.29995803
2.75740738	2.27713691	2.63559041	4.01006852	4.01341577	4.0894179	4.19365068
1.057222	1.2442271	1.20707427	1.18129844	0.94833391	0.96011235	1.26958009
4.5361486	4.23595023	4.34129959	5.06731727	5.33845127	5.32383445	5.35047131
1.71018516	1.71321442	2.08359595	3.01225052	3.1702925	3.14111805	3.28269536
3.19159776	2.59281594	2.73441469	4.01323359	4.05047317	3.79691439	3.79360452
5.21812315	4.64220846	4.69126729	5.43635931	5.64605999	5.50346129	5.5248383
4.3011609	3.99677254	4.03553446	4.42029307	4.74567706	4.55536171	4.61224038
5.1439609	4.31703293	4.59371798	5.6595122	5.99703709	5.96218861	5.8955229
0.59283711	0.54014449	0.48993207	0.50132002	0.74393332	0.61443062	0.8117692
2.6563736	2.85867871	2.84459598	1.9459532	1.73757059	2.31629663	2.42070691
1.22379422	0.72460319	1.17382916	0.28790627	0.43183188	0.4767036	0.43925718
4.35525913	4.00460952	4.17438318	4.85154025	4.94426668	4.85615298	4.9261126
3.67810588	4.02901873	4.00687019	1.75681736	2.28749833	3.02658477	2.98262353
3.57491724	3.53876178	3.55759438	3.08010354	3.29050309	3.49386606	3.55728649

1.60482332	1.53194026	1.70731345	1.89033692	1.70474796	1.9522338	2.46697275
3.38416193	2.92034719	3.00946123	4.14256518	4.16243554	4.09055468	4.08500022
2.31285898	2.47064281	2.16151197	0.94204855	1.90125314	1.54511133	1.21092573
5.54193184	4.98322941	5.09141695	5.99793884	6.1390875	6.10022927	6.02699109
2.72073621	2.33801639	2.30436915	2.3326493	2.84214921	2.75301419	2.49825133
2.37257694	2.07021119	2.1891347	2.68154698	2.70755528	2.84965897	2.9382695
3.96562527	3.4181271	3.64190879	4.37167799	4.64577768	4.73502458	4.72291978
1.4132585	1.32647255	1.38034884	0.91656723	0.96886975	1.06733208	1.45456203
2.9435517	2.9400357	3.09720762	2.87283973	3.37282236	3.40611168	3.11668091
2.39491131	2.28248807	1.91797678	1.45111506	1.43531957	1.3251853	1.73004522
3.31960986	3.90902712	3.85497424	0.57625574	1.31674919	2.62520585	1.90817459
3.62703551	4.31621149	3.99993227	1.92145601	2.26181218	2.5298054	2.25784257
1.7223732	1.63610515	1.67437265	0.98120375	1.2984919	0.94728527	0.70686983
2.17414884	1.51213878	1.3373207	3.05804012	3.02949979	3.35745214	3.05206655
0.60248102	0.43922084	0.62421219	2.70094352	2.60564534	2.66019204	3.03127629
5.08746765	4.67519256	4.84317192	3.7837282	4.06624296	3.55660189	3.91509786
3.17972998	2.58928929	2.78323186	3.78041495	4.0782038	4.19874869	4.14438392
0.08051697	0.16750215	0.16781933	1.00E-04	0.07069346	0.13283566	0.30395609
2.00458166	2.38134378	2.35539092	1.17245712	1.50375429	1.74293113	1.94120694
1.00E-04	0.00622304	0.12575627	1.00E-04	1.00E-04	0.22473907	0.2982067
4.18949357	4.77733609	4.7332227	0.92236863	2.04458444	3.19909743	3.09365441
3.42932809	2.98923107	3.17994772	3.74890459	4.03902568	3.85248501	3.84329649
3.81503766	3.16215112	3.42891022	3.94039146	4.26149652	4.2794976	4.25267791
4.03472388	3.48821792	3.78443189	4.44821873	4.62123563	4.49602689	4.97921596
2.41223341	2.55293267	2.51932767	1.07204946	2.24175743	2.30200137	2.36950794
1.33018209	0.86252259	1.00159558	2.59831563	2.70968702	2.65283259	2.33021467
0.03980074	0.0099638	0.06791493	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.43674671	2.28938439	2.52644454	2.75071323	3.3147561	3.35923306	3.48465739
1.00E-04	0.01907958	0.01464926	1.00E-04	1.00E-04	1.00E-04	0.17954863
0.10808513	0.07662047	0.10064143	1.00E-04	0.24169161	0.08187319	0.08666006
0.36956315	0.06463026	0.33895799	0.2159217	0.4872939	0.55942415	1.06756956
5.47305312	5.18546679	5.40954952	3.17612712	3.64341122	3.64561218	3.61471885
4.16511365	3.23408064	3.36640346	4.34691063	4.8281512	4.61772202	4.69106456
4.42600565	3.88966353	4.01418696	4.56945891	4.93251125	4.72107646	4.72540245
3.76788695	3.36420072	3.44416141	3.25086478	3.61865208	3.47434579	3.52029693
0.04370032	0.07211486	0.03334685	1.00E-04	0.1689335	0.40785316	0.45013167
5.40961273	4.88884313	5.05239689	5.61250239	5.93967443	5.98514774	5.88186255
3.59128252	3.18122578	3.49641769	3.81757202	4.252605	4.12803802	4.196195
1.45870835	1.58559062	1.69821254	1.74769649	1.70634778	2.09379783	2.01834278
2.65437115	2.41636943	2.51106006	2.71124803	3.11391301	2.99833416	2.97018632
4.54542754	3.98341459	4.10355543	4.84914176	5.20442495	5.16065835	5.13992882
6.23046102	5.75155648	5.79683864	6.34869931	6.66296175	6.49362466	6.50770185
2.0134753	2.0200668	1.93504495	0.99534918	1.11850315	0.86962812	1.36737254

3.53139836	3.95633691	4.49951282	0.72472178	0.98745232	0.81475215	0.9346421
0.48576074	0.41956389	0.45116594	0.41346793	0.59876285	0.60136235	0.6617324
3.57523303	3.31802687	3.42053842	3.89220953	3.83922923	3.776637	3.92788728
1.30123941	0.90411956	1.11387352	1.19317384	1.29814334	1.32920474	1.30711484
0.09721079	0.05925931	0.10387928	0.83980034	1.25446761	1.15215817	0.9711608
1.24602622	1.70362238	1.5560145	0.39576462	1.63979889	2.59894634	2.47850714
2.76384947	2.68420411	2.63192225	2.73951779	3.09532829	3.18003009	3.33554071
2.95049821	2.78721348	2.96976227	3.08028351	3.32747278	3.50533964	3.58221368
1.64829605	1.87860646	1.97011228	1.25079966	1.17749345	1.72971927	2.33489846
3.54882984	3.67001727	3.74645924	2.42359579	3.14140146	3.23998834	3.36944836
2.90680814	2.82499945	2.90278415	3.46202366	3.62872848	3.39379399	3.59994605
1.233041	1.13573831	1.25601035	1.51883267	2.00278737	1.74292955	1.97695025
3.18787922	3.11978605	3.07233765	3.49529832	3.78350622	3.86635339	3.88487588
3.20542134	3.10572259	3.23456886	3.20044264	3.30499124	3.10417432	3.36712337
1.43764737	1.3742444	1.68968241	1.54659994	1.54521215	1.8537734	2.27141022
3.553119	3.05558383	3.20911832	3.44811477	3.77451401	3.55835039	3.61633157
1.66210974	1.78277075	2.00172476	1.19766101	1.59772525	1.62722944	1.8287301
2.73218349	3.08045736	3.25234085	1.28911216	1.70753056	2.21616284	2.3570113
1.21983841	1.10422933	1.43956328	1.30346446	1.50877147	0.99139536	1.39863149
0.61446933	0.6437998	1.04261961	0.50118938	1.25031179	1.42813072	2.21135304
3.35083745	3.29094486	3.25548833	2.72122314	2.99667104	3.04552172	3.06340075
3.29876253	3.1364209	3.27270736	2.52104963	2.56261223	2.85332568	3.06594258
3.63122135	3.26009566	3.29613153	4.07194232	4.45254751	4.20529118	4.27716546
2.12533747	2.06861257	2.14604192	2.39162711	2.58988477	2.08892894	2.35058148
0.76975779	0.94181207	0.81912213	0.28708752	0.49451818	0.36878775	0.85426335
2.56074209	2.6692349	2.65637688	2.05532442	2.52887671	2.46061341	2.76268864
1.00E-04	0.03148858	0.03380451	1.00E-04	1.00E-04	0.16019809	1.00E-04
0.48373131	0.06011363	0.09962943	0.35834605	0.65967498	0.45150855	0.47346058
3.49435441	3.61980116	3.76101054	2.27332682	3.03835317	3.07458925	3.22645422
0.53288599	0.56281597	0.44648016	1.00E-04	0.96452863	0.7663964	1.09764876
0.18707095	0.35006831	0.61346183	0.14719932	0.56135645	0.9760274	1.05718432
5.02347839	3.9421263	4.08683471	4.17491	4.98143457	5.04744749	4.47864703
4.69387289	4.28561502	4.37245373	4.19034804	4.43684974	4.50093318	4.45037289
1.08624907	0.80556111	0.92213298	3.28673915	3.52713186	3.37226694	3.4615785
0.26761827	0.17867062	0.19835451	0.21142138	0.16899613	0.31501899	0.45007167
4.05550372	3.55645421	3.74628094	4.30039485	4.54085564	4.5716763	4.57122433
3.10217131	2.70376961	2.75071502	3.13960574	3.03722883	2.67939893	3.06096896
5.44341172	4.94467937	5.07413268	3.86587383	4.12843385	3.77504753	4.08666195
3.54696354	3.1210383	3.38975665	5.44233172	5.78763075	5.73052442	5.68716379
4.24682267	4.02046081	4.36877651	3.96656215	4.3281776	4.39258552	4.45066859
2.95098322	2.94448499	3.16708286	2.6207887	2.51356948	2.83247599	3.22220498
4.64833608	4.21467632	4.44089514	5.12947248	5.29665456	5.44941726	5.36968419
2.57580389	2.67986078	2.75140534	2.13224315	2.28768816	2.03839446	2.30236472

1.40591096	0.98560984	1.00689852	2.11354437	2.43120553	2.42980552	2.67379011
3.25647184	2.88087679	2.90820385	3.23995403	3.58874084	3.57484101	3.56994079
5.45912574	4.72597901	4.83600679	6.21486417	6.21332232	6.31001829	6.3004398
3.08592349	1.95986129	2.11192918	2.51650723	3.17517682	2.44126765	2.268114
4.08334897	3.68583501	3.79595596	4.35741447	4.72978976	4.64597811	4.59283308
4.82185986	4.9405448	4.9725428	1.9752824	2.32221847	2.71268561	2.32807349
2.24382356	2.69330415	2.51815772	2.88946834	2.85012609	3.18711019	2.96030683
0.33028385	0.45172244	0.43575438	0.76708873	1.2436493	0.95871492	0.87075192
0.93129981	0.47424074	0.5005004	1.67459327	2.23217088	2.24461431	2.09101186
3.54073673	3.04753435	3.20475664	1.62641312	1.96165129	2.04742273	2.23963654
0.04435174	0.02407877	0.03370319	1.00E-04	0.23327381	0.19758123	0.12548551
3.67601049	4.08662963	3.9940599	1.91139322	2.51666119	3.02732899	2.96274744
3.17303433	3.55396558	3.48720686	1.49687826	2.03305456	2.41025891	2.52133659
3.12771304	3.33973726	3.45891289	2.21139799	2.78873463	2.74261605	3.0199102
0.08840741	0.12260673	0.16751774	1.00E-04	1.00E-04	0.29516856	0.19042014
2.45665079	2.4257877	2.49349297	2.91027832	3.12682745	2.86343224	2.88353742
0.2927552	0.22616701	0.58963261	0.20296285	0.25985898	0.39721025	0.88731323
5.33043036	4.75413146	4.92107548	6.48252967	6.52649317	6.64534832	6.56108205
2.96873734	2.65879638	2.86336622	3.43454661	3.469592	3.59673162	3.52088909
2.53427917	2.46057421	2.37370266	3.01542151	3.3260612	3.44880879	3.54464096
2.63115864	2.99207956	2.89412684	1.86428316	1.7971166	2.13968699	2.08873367
1.58108144	1.37711589	1.67237397	0.84632702	1.64193605	1.16144612	1.36687164
3.9875461	3.39239755	3.66612626	4.19346717	4.53708739	4.46584775	4.53962757
2.56074271	2.48462949	2.53733348	1.78737717	1.64807281	1.40921602	1.76059287
3.46854293	3.26405255	3.38800763	2.74793855	3.06303919	2.85898168	2.73434018
0.67202813	0.30291719	0.33422191	2.93455921	3.47421543	2.76608911	2.95080607
0.7360326	0.60530981	0.76378777	1.00E-04	0.14059799	1.00E-04	0.11397297
1.94858082	0.91908945	1.18166362	0.37299823	0.94835244	0.96265224	1.03847505
0.18974111	0.17122005	0.26134743	1.00E-04	1.00E-04	0.07155374	0.09973572
3.23741837	3.08708599	3.23273961	3.82497061	4.24642549	4.00013621	3.84283829
3.07615149	3.30806493	3.41953532	2.8786675	3.18177992	3.33583701	3.49789947
5.20262915	4.75854461	4.97464005	3.93930421	4.14930112	3.97758818	4.01861609
4.5732541	4.18587522	4.23729223	4.34141173	4.63001057	4.56062578	4.65631281
4.60044123	4.24797489	4.24633148	7.12244678	7.40250359	7.39955632	7.25518962
1.64199178	1.70812626	1.93456073	2.96376841	3.16149322	3.08332587	3.43710057
3.69061555	3.37861619	3.29614138	3.41893878	3.87900762	3.74884674	2.88527366
0.89647504	0.73393769	0.97636406	0.43717182	0.26795939	0.66206457	0.61580628
3.17815596	2.95102503	3.05657843	3.57783942	3.79932834	3.41324271	3.6056877
0.20107629	0.14483917	0.15975194	1.00E-04	0.53623708	1.02057682	0.12864308
2.06315416	1.92783074	1.94771286	1.24253588	0.79328482	1.39638148	1.03219795
0.64864086	0.34606916	0.39893788	0.95864925	0.90755299	0.92854845	0.66876886
0.03438784	0.01285351	0.03140502	0.25865571	0.25753566	1.00E-04	0.41207902
0.06269463	0.06645157	0.10775194	1.00E-04	1.00E-04	1.00E-04	1.00E-04

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4.72872802	4.58338454	4.66262698	4.73137254	4.95348642	4.9626082	5.12943756
1.29816144	1.21472215	1.55085131	1.12506698	1.39079542	1.40004588	1.65643769
2.15334865	2.02846027	2.19828269	2.82471784	3.09164861	2.83136384	2.95022655
0.01900835	0.0089137	0.02005363	1.00E-04	1.00E-04	0.11766281	0.27542081
0.25081167	0.11020178	0.12402466	0.18053971	1.00E-04	0.19529218	0.33713978
2.06747919	1.74161044	2.18862718	0.88568625	1.6790186	1.82675118	2.02573928
1.68170872	1.31765524	1.52347846	1.75392348	2.17633429	2.41325617	2.25931077
0.07884563	0.19879034	0.20479747	0.18687438	1.00E-04	0.12164545	0.116764
2.89801425	2.51080206	2.65629736	2.0595328	2.98182744	3.50396371	3.56729856
0.73113056	0.51040342	0.50759213	1.00E-04	1.00E-04	0.18924775	0.19483429
1.00E-04	0.01359774	0.02477646	0.2900933	0.09169997	1.00E-04	0.12548551
0.10698899	0.08855473	0.07713138	0.17683396	1.08709378	0.09982807	0.35336471
0.2039057	0.15251334	0.21871972	1.00E-04	0.34644307	0.42858443	0.46123222
2.07010948	2.22298545	2.73588186	1.99982728	1.89568403	2.22559467	2.68965559
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1.4576572	1.13215212	1.39754714	1.34365154	2.78606436	2.68739864	2.6506513
0.31527945	0.09695531	0.09652847	1.00E-04	1.00E-04	0.1156337	1.00E-04
5.10440988	5.31239788	5.18760167	4.03302948	4.24665674	4.43425048	4.36052861
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4.03519828	3.84032457	4.10807167	4.17333151	4.3793116	4.37410305	4.59597565
5.19876208	4.48686694	4.60509381	5.48278319	5.72453531	5.74096846	5.7315274
0.6645912	0.29106268	0.29281648	0.76355801	0.97260049	0.79294771	1.05984416
3.61367421	3.19437992	3.36280462	4.04648563	4.28022198	4.07451534	4.09955863
1.2194007	1.06951464	1.29785391	0.95016163	0.92691586	1.45974781	1.83573309
0.11949492	0.00960695	1.00E-04	1.00E-04	1.00E-04	0.09397611	0.0706954
0.53746324	0.39759757	0.52106913	0.23152833	0.84820726	0.27452992	0.26922044
3.07606444	2.57668626	2.80411495	1.73462566	1.86662022	1.66494767	1.92999533
1.61717379	1.65215026	1.68089612	0.23124065	0.5643933	0.58941252	1.11123812
3.39131378	3.50463049	3.393351	1.43820254	1.94211998	2.25494129	2.2785136
0.12357666	0.04924467	0.09852383	0.24196488	0.0787527	0.07765967	0.11478868
4.51659279	4.50358127	4.58288256	2.4927427	3.00833373	3.13292955	2.91643541
0.05076095	0.02144685	0.02848854	1.00E-04	1.00E-04	0.06526706	0.12840893
0.07686315	0.38067007	0.74812539	0.19887492	0.29639244	0.55582232	0.22125945
2.8353369	2.56542724	2.29109656	0.41488185	0.862872	1.27792489	0.82203719
1.72010432	1.38900846	1.34808055	0.54003938	0.38923813	0.99040359	0.91218719
1.00E-04	0.03190536	0.02040388	1.00E-04	1.00E-04	0.44060378	1.00E-04
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1.00E-04	0.01268605	1.00E-04	0.11038196	1.00E-04	0.04952974	1.00E-04
1.00E-04	0.03983854	0.03736771	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00497739	0.01828407	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98877656	0.32028703	0.32641038	0.54972019	0.489182	0.24003795	0.40813234

2.73382418	2.50604083	2.51909746	2.30030274	2.64419023	2.62225797	2.68887373
3.03591784	3.5024786	3.45042956	1.16064625	0.93920648	1.55883594	1.65049671
1.22839799	0.69502492	0.79736562	0.74681056	0.16027131	0.34155826	0.26152957
3.77072273	3.15267857	3.45840513	3.54526828	3.95810312	3.91680873	3.95903953
1.00E-04	0.01036384	1.00E-04	1.00E-04	1.00E-04	0.05202554	0.10511225
1.72756012	0.50041653	0.31837145	0.70311907	0.61777742	0.78690022	0.50111373
4.43130483	4.014021	4.12020528	3.29546212	3.8339687	4.20136495	4.34043205
4.14704424	4.00322729	3.82543716	1.52619061	2.45206464	3.10168547	2.8228054
0.03983286	0.16304756	0.02046683	0.12704246	0.1689335	0.09138227	0.20608695
0.16386643	0.06613477	0.08515044	1.00E-04	0.0301277	0.18721197	1.00E-04
7.21198535	7.05878758	6.86657547	3.61509313	4.69062719	5.21769238	4.89576499
0.93336118	0.59006682	0.70251779	1.34543209	2.13338037	1.85130151	1.6344709
0.14277953	0.06457931	0.08479954	1.00E-04	1.00E-04	0.11497285	0.11569198
1.00E-04	0.0165887	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91100676	0.7661953	0.82006203	1.36292009	1.74394338	1.52831202	2.02419353
3.65555976	3.17978067	3.26423517	2.85283128	3.28431586	3.37176912	3.46874309
2.18591246	2.45719294	2.25755304	2.15851698	2.13885263	2.21139829	2.19509339
0.58938816	0.26747934	0.39377901	0.40163556	1.15952722	1.2041995	1.45132049
3.52430809	3.9014917	4.03017726	0.96728068	1.80168821	1.90225517	2.29967143
5.47089012	5.59042885	5.24634667	2.65064596	2.82150684	2.94685624	2.69786142
0.73507001	0.71661519	1.05325538	0.32052801	0.87010008	0.42371528	1.14197246
3.92213521	4.32126133	4.34433714	1.06804874	1.9404885	2.20903442	2.23997049
2.74624924	2.59464629	2.7097215	2.35368493	2.65603519	2.76800458	2.91152357
4.13773301	4.18596422	3.98128231	3.2651539	3.1041856	3.67982859	4.2375219
3.46762537	3.58847815	3.79377149	3.1455092	2.9914611	3.16044958	3.14346135
2.63801036	2.68082202	2.76871352	1.17448616	2.08455288	2.11151821	1.65640499
1.08913199	1.10854995	0.88328853	1.00768373	1.22335462	1.16888268	1.36590547
3.04653702	3.35031238	3.57735273	3.05580047	2.98961276	2.52775165	3.08112619
0.59507434	0.17264398	0.18517684	1.10224199	0.73185759	0.56073785	0.48616104
2.14402688	1.64006662	1.8454029	2.56128904	3.07560805	3.02734823	3.22058751
1.29516242	0.76274484	1.07216102	0.899094	1.43283278	1.87800669	1.59168959
1.17095156	0.61910314	0.75343571	4.67532939	4.77464073	4.58856338	4.59226964
4.62920162	4.12775265	4.31029722	3.78971555	3.62648975	3.84600767	3.79090223
2.7593773	2.10854486	2.19594622	1.38533705	2.19131557	1.44294268	2.01902474
0.14562806	0.04657172	0.03194749	0.17632823	0.34883759	0.39073127	0.69293834
5.30481059	4.02569902	4.2646464	4.16558567	3.85276553	3.3802104	3.8771438
4.3707032	3.73269846	4.06552493	5.62759466	5.89832398	5.69353967	5.70740299
1.04157387	0.81296579	0.95580875	2.05163893	2.32011475	1.71283402	1.90431844
1.49933075	0.98946785	1.14709986	2.88465445	3.25427394	3.13848745	2.77902749
0.12612447	0.06434509	0.01118291	1.00E-04	0.1237854	0.17821657	1.00E-04
0.05470596	0.01228608	0.06110882	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.04693125	4.43787978	4.39211781	2.22743133	2.69228535	2.16494123	2.32833293
2.395675	2.27535433	2.52766244	1.77903655	2.16520568	2.03883056	2.15851438

4.67887049	3.95217516	4.27392656	4.1079439	4.40797358	4.43137786	4.43999222
0.89861377	1.2168901	1.31469193	1.00E-04	1.00E-04	0.0562729	0.36209059
0.68841203	0.24770646	0.41459726	0.64721331	1.28601112	1.12687147	1.0543167
0.1256701	0.0243451	0.11187371	0.30306454	0.27108261	0.29862772	0.21616229
5.02895164	4.65422372	4.89406526	4.63052254	4.74034821	4.62241134	4.7408654
5.02154386	5.38772138	4.81501142	2.46004375	2.84067481	3.38080278	3.47234895
1.74572846	1.81894109	2.56926749	0.05552318	0.32302202	0.13578653	0.16419176
3.35891345	3.11726944	3.23856496	4.13746284	4.21295222	4.13896944	4.20396438
4.57482944	4.17663072	4.33633265	5.22835645	5.51230101	5.30441766	5.25645061
3.13203019	3.20067174	3.16092399	2.55807704	2.71182896	2.84536382	2.97712689
2.03545863	1.10269327	1.26749664	0.16783061	0.41588467	0.44836651	0.76411953
3.43587298	2.96463099	3.33190081	5.12767708	5.06910865	5.03569205	5.30069563
0.54966372	0.37054578	0.25874254	0.66786634	1.36379792	0.95450669	1.64267658
0.86272519	0.72867357	0.77852121	1.71582712	1.21215568	0.96167559	1.03964346
2.18372055	1.79009057	2.05951531	2.23234269	2.36611298	2.11856961	2.32384484
1.14592376	0.71730694	0.78702418	0.75449111	1.34886768	1.44722919	1.38548433
4.79750394	4.81603896	4.66655694	3.40485267	3.72715545	3.86480317	3.78839978
0.9722915	0.38431093	0.56183943	1.05734395	1.49571964	0.46858755	0.77150477
1.61003917	1.62527058	2.16880366	1.66073862	2.26932301	2.33361692	2.375682
3.72871513	3.67405621	3.74817914	2.99794177	3.38704634	3.4008467	3.42225214
2.38853164	1.29490848	1.73359854	4.93209275	5.23080015	4.90034202	5.29803101
3.61575886	3.72410912	3.23941754	2.25904831	2.89786514	2.91106697	2.92976415
1.16895816	1.07968553	1.35292594	2.8318698	2.96625708	3.11228407	3.1836341
0.18413472	0.16217302	0.14491677	1.00E-04	1.00E-04	1.00E-04	0.14679491
0.21118511	0.12917618	0.14841201	1.00E-04	0.34346068	0.28066319	0.60582064
0.13368435	0.17672235	0.11179988	0.59126439	0.79306702	0.69531329	0.65953816
0.8141055	0.42086795	0.77282057	0.50646285	0.19252294	0.84431676	0.64725315
2.45306592	2.47893774	2.39691662	0.66778665	1.91221826	2.525876	2.63295447
0.68897622	0.51239823	0.75027145	0.55663705	0.8538889	0.69201875	0.76462264
3.94480202	3.07680908	3.31289716	2.15581588	1.8862398	1.23763802	1.56175984
0.66829096	0.40958465	0.6477022	0.13518266	0.32462281	0.48711273	0.63668253
3.27104713	3.74366536	3.64524248	1.8773522	2.80242281	3.05017458	3.23174855
4.05787597	3.52746357	3.74370421	3.95902204	4.05545546	4.04671061	4.06479217
4.45215116	4.10640177	4.26597626	3.90026198	4.25768804	4.36604883	4.23039861
3.96465222	3.35765592	3.56296868	4.34497417	4.71773631	4.48416316	4.45609431
0.7840502	0.32501426	0.30695258	2.23257028	2.11183271	1.75180025	2.00815875
3.95875939	3.90166023	4.07938908	2.38051226	2.83380861	2.8685217	2.84994134
3.46598598	3.39361231	3.58764721	2.39331168	2.56695618	2.91792244	2.92509278
2.55332265	1.97960025	1.85739024	1.85498135	1.79581387	1.54949938	1.53124728
0.0266689	0.03246652	0.05412016	1.00E-04	1.00E-04	0.10348324	0.0933521
0.03128757	1.00E-04	0.01577085	1.00E-04	0.04425491	0.075448	0.10467577
3.9940907	4.15760578	4.29787973	3.21911924	3.44724118	3.60442154	3.69673057
0.71125993	0.61899916	0.65315855	1.54341423	1.71180151	1.50825178	1.84893179

2.85980657	2.8973899	3.00369956	1.71443448	1.7434039	2.07990437	2.2525013
0.47928887	0.1961735	0.23663693	0.9345021	0.32021485	0.14615388	0.55584551
0.7022992	0.2753169	0.23067407	0.33620314	0.62129383	0.19408224	0.35646456
2.17411809	2.13585561	2.17435417	2.07160058	2.44912624	2.4630682	2.54020007
2.1196112	2.63775901	2.03085059	0.49622673	0.90132196	0.98612639	0.45638664
2.55040186	2.39156895	2.22430099	2.7673635	2.74022424	2.29440113	2.51342697
1.28864269	0.77333786	0.90498229	1.50977604	1.77542307	1.91764364	2.02900038
0.02355296	0.02395051	0.1426361	1.00E-04	0.05795468	0.30454781	0.35163459
0.68339731	0.87764764	0.6262777	0.15555423	1.00E-04	0.44706513	0.3350477
0.46070711	0.16953303	0.36221376	0.54748209	1.03313433	1.36618128	1.48198705
3.42287588	3.39147954	3.36461445	1.24119423	1.39087334	1.59303412	1.31018712
3.20763832	2.56876861	2.42486517	0.83257243	0.45846012	1.05571901	0.90211871
2.93142481	2.97432957	2.81453074	1.85639491	2.28701492	2.19592778	2.29314797
4.04959367	4.74150374	4.66729498	2.37884657	2.58521961	3.58116295	3.73548402
3.43683371	3.52378785	3.57937509	2.9782453	3.07058792	3.31662243	3.31498909
3.32938741	2.62231925	2.85404748	2.30720812	3.18201231	3.5841291	3.35635624
3.01623731	2.66225084	2.69282594	3.11288489	3.40855413	3.56486462	3.90025874
2.47454281	2.35256194	2.55003242	1.30658849	1.61184043	1.91811995	1.78010198
0.07028613	0.14577257	0.44537748	0.29563649	0.23957708	0.12899729	0.13128219
3.05565643	2.92643989	3.04417946	2.1026547	2.81608578	2.668599	2.73967242
1.16021364	1.23237298	1.20760243	0.52626207	0.87629716	0.70111781	1.17149256
1.17357023	0.87167456	1.02794476	1.00E-04	0.60132708	0.29051164	0.32709396
0.24162208	0.18594172	0.24953097	0.15171602	0.66278276	0.60314372	0.38099857
0.61324088	0.6306987	0.69107158	1.00E-04	0.64625422	0.62695821	0.35531677
0.78289377	0.75179647	0.96127371	0.79870671	1.83329652	1.93030358	1.95967363
1.00E-04	1.00E-04	0.00627697	0.21458936	1.00E-04	0.04805283	1.00E-04
0.1019046	0.09609919	0.00886207	1.00E-04	1.00E-04	0.0775334	1.00E-04
2.87390428	2.97160843	2.95595973	2.50274406	3.12133602	2.9923857	3.1193585
1.12737181	0.70638052	0.96838909	1.33031189	1.66638223	1.62544309	1.9029483
2.66916273	2.29611605	2.58629928	1.40009393	1.82150942	1.7970526	1.99320187
4.42644841	4.26810329	4.30875811	2.6758664	3.24280364	3.19776854	3.03541256
0.04157368	0.07493779	0.08715922	1.00E-04	0.14502382	0.09885569	1.00E-04
1.37693033	1.34036673	1.17880538	1.06897357	1.68546459	1.9014988	1.96361334
1.9109953	1.72221923	2.00497235	0.81959409	1.18878774	0.71090722	0.84066084
0.02621864	1.00E-04	0.02406162	1.00E-04	0.15105794	1.00E-04	0.20001695
3.67281072	4.48779826	4.17102182	1.32543348	1.5788039	2.49795451	2.00593222
1.33613084	1.31409608	1.68459385	0.54059364	0.76885567	0.45235633	0.52977827
1.34497317	1.02196757	1.57445657	0.36225986	0.39954205	0.39432768	0.31874912
7.89201525	7.47299251	7.60102647	4.67526749	5.05193858	4.76938974	5.08930093
2.16212696	1.43135766	1.68000614	1.3543936	1.58233051	1.17324851	0.97991445
3.27400091	2.74889236	2.77380729	1.63708968	1.8500447	2.30958511	2.10826831
1.69655594	1.54889281	1.68032714	2.20295142	2.45523662	2.30565692	2.38292103
0.61726621	0.75076297	0.76079799	0.46190968	0.46678508	0.77500897	1.26660347

0.0590578	0.1484213	0.17264619	0.10353234	0.27462591	0.66027073	0.76919408
3.12225516	2.95403221	3.09583946	0.52980828	1.44193499	1.27367211	1.19908324
0.18629853	0.01878818	0.01375831	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.85247898	4.15283996	4.55547321	4.83219686	5.22953544	5.12079932	4.87100078
3.32642751	3.40041949	3.57119818	1.87058043	1.48598196	2.07395642	2.03442088
0.2765929	0.19600933	0.26459749	0.22370983	0.53213015	0.86181543	0.74558109
0.79317985	0.90195921	0.97054826	2.8940701	3.18532302	3.10082355	3.20447158
4.00531935	4.23211745	3.89627683	3.21019864	3.32479856	3.60549175	3.79602408
0.90904631	0.85822415	0.96598035	1.89469436	2.67055086	2.47332047	2.87791119
3.34314146	3.03988161	3.31367837	4.02639451	4.20608974	3.95275017	3.76964432
0.30871386	0.21919493	0.21485043	1.00E-04	0.17143629	0.14780755	0.2099522
4.02210271	2.63061707	3.07262438	3.36030831	4.20573894	3.45071777	3.70094355
2.043305	1.69999046	1.90220301	2.19443171	2.53327793	2.73781444	2.5958112
3.25064818	3.28894962	3.37655081	3.01271825	3.37214047	3.59216427	3.63151569
0.32358725	0.14276178	0.17079507	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.53867017	3.01200854	2.75064404	0.17997387	0.71394023	1.1069896	1.20452339
2.82550075	3.02193595	3.04561387	2.78964916	3.05620213	3.16632456	3.16493524
3.62490444	3.99661082	3.88296297	2.77717861	3.17554653	3.46867979	3.36754838
3.05488543	2.8576382	3.00350405	4.0889338	4.22194638	4.18563033	4.21786731
2.02804528	1.73922813	1.8048391	2.2670358	2.51392972	2.36051727	2.38084357
3.75573222	4.17378064	4.17569266	2.29771471	2.23910227	2.88177014	2.8369811
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.65474106	4.75637195	4.70868203	5.13551373	5.34198006	5.62825747	5.55685365
3.49208698	3.72553324	3.67934124	1.57820188	2.03454014	2.65745715	2.65791689
3.35645488	3.32503088	3.25545333	3.47035614	3.6680991	3.97488501	3.63715228
0.19061437	0.09898463	0.10785841	0.54522039	0.09499026	0.20546676	0.65644034
0.03156378	1.00E-04	0.00923962	1.00E-04	1.00E-04	0.08493583	0.13336097
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0.0192817	1.00E-04	0.02697524	1.00E-04	0.10463193	1.00E-04	0.11145302
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01171386	0.01143154	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03962805	0.01761644	0.03488985	1.00E-04	1.00E-04	1.00E-04	0.09024928
0.05623365	0.01014529	0.00728138	1.00E-04	1.00E-04	0.04870042	1.00E-04
0.38009796	0.17273809	0.105417	0.97526091	1.21036207	0.96351634	1.04490168
3.96927763	3.94191203	4.06467858	4.228123	4.4019081	4.681381	4.63694768
3.11358404	3.0896486	3.19232921	2.58174662	3.20607838	3.22135499	3.23402408
0.37465933	0.29739192	0.41787844	0.15171602	0.2000186	0.4578884	1.03178813
2.01272739	2.79366768	2.5162967	2.30530855	1.88383957	2.54844083	2.26878822
0.26652865	0.14364839	0.14290609	0.57614423	1.04876384	0.71186573	0.88130712
3.80646977	3.93413806	3.61717921	2.10008773	2.50228168	2.76924256	2.79459462

0.07883659	0.34353602	0.86771895	0.10863018	1.00E-04	0.10132676	0.47305074
2.1535041	1.74456123	1.97958068	1.31626998	1.34138292	1.03479188	1.00565436
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11251921
4.17685974	4.09685794	4.13347568	3.78202852	3.85788277	3.84018702	3.88670249
3.97822357	4.0721813	4.06423739	4.01896907	3.98597537	3.88934187	4.02727671
3.85459526	3.66319889	3.71327315	3.94107111	4.14505916	4.23574075	4.02581453
1.81422043	2.23585065	2.08410252	1.25627272	1.44947846	1.3723127	1.41770442
3.74846894	3.22195907	3.38077783	3.48844855	4.18634194	3.84408194	3.85291333
4.90670491	5.35318063	5.06712064	4.06633287	4.31173463	4.82446272	4.70396297
3.94686742	4.04861244	4.08393139	2.5662639	3.09730544	3.45466566	3.59767004
1.77928113	1.54264455	1.56215168	1.42005365	1.55280733	1.3851273	1.42533628
3.65426305	3.20241869	3.27250154	3.75458533	4.16387909	4.15705437	4.16959599
2.70086008	2.30238762	2.60109964	3.48861547	3.55595389	3.48387109	3.68755388
0.28043672	0.18417784	0.19497606	0.28491493	0.36519755	0.2367724	0.23145433
1.93100933	1.15924838	1.3752937	1.28330121	1.53306606	1.25121926	1.21528008
0.32799757	0.66774032	0.67641329	1.00E-04	0.08284409	0.22589536	0.20523072
0.25760581	0.07891929	0.1587258	1.00E-04	0.58517774	0.78380631	0.68313706
2.88984706	2.88067967	3.04075893	2.86790719	3.31660772	3.2652586	3.27992182
1.05596559	1.1142361	1.21598278	1.67610212	1.28129767	1.3556506	1.75038732
2.74138706	2.83055122	2.861535	2.17087804	2.47685482	2.6570098	2.61892818
2.79626504	2.98757776	3.03691121	3.17381554	3.47135892	3.52807755	3.59956634
0.8365062	1.07097582	0.95741527	0.99768441	0.43388575	1.01985486	1.23201525
0.97802818	0.66103282	0.85455898	0.89879847	0.71354428	0.95774683	1.08034441
4.58669294	4.05214034	4.28874369	4.58836712	4.92824669	4.86138237	4.99013749
3.54567214	2.92287469	3.16675451	3.75139388	4.0771065	3.90573519	3.85951447
1.94365775	1.7282524	1.69371748	2.27397488	2.80681033	2.385196	2.7011014
3.10628392	2.99739209	3.01648667	2.91724935	3.55699106	3.37149465	3.50634009
3.09119759	3.39842965	3.27189206	1.56822051	2.21263271	1.9783124	2.16387519
4.53935215	4.27606416	4.35481978	3.95358987	4.13611243	4.02677811	4.14526521
4.30883244	4.75267989	4.6717514	1.46346787	2.22868985	3.13760181	3.22735754
3.03459161	2.99471063	3.09742972	1.55146223	2.01806835	2.47951768	2.38051307
2.97630404	2.82082382	2.91485069	2.98398511	3.16947065	3.09475473	3.17246712
1.04821025	0.76347935	0.97241053	2.4823176	2.41221714	2.24943204	2.33420608
1.5121793	1.2628517	1.56556035	1.89861607	2.25122181	1.88076377	2.10238032
2.6685455	3.10480105	3.04744433	1.96211895	2.55906317	2.76632985	2.74546291
4.13097961	4.37297122	4.35473775	1.98735146	2.58281073	3.29082502	3.31549922
3.18799708	3.27500629	3.34567359	2.73708485	3.41475207	3.29593893	3.34575059
3.23705052	3.37518394	3.03823869	3.37046435	3.58951975	3.5869711	3.56784191
3.16994352	2.83759682	3.07970186	3.52712382	4.01400344	3.99117512	3.99816444
2.14782111	1.74502983	1.94213691	2.55665783	2.77327215	2.71018107	2.87195488
4.33800597	3.76806275	3.93860991	4.15421021	4.38855691	4.338495	4.33044022
2.50479049	2.57820993	2.62598006	2.38450649	2.66463358	2.58336713	2.66473257
0.61824252	0.4649228	0.56404822	0.57280412	0.8283342	0.71716882	0.60385863

1.01737613	0.83368188	0.88742095	0.93142684	1.62637525	1.75935477	1.65922354
1.00659754	0.84913863	1.05319239	2.11287518	2.07720741	2.18641076	2.07369031
3.40671574	2.95014867	3.07882848	3.18058443	3.40693347	3.01999081	3.20382415
3.31066584	2.86159174	3.03761506	3.47575172	3.97797734	3.87060315	3.72607599
2.49991961	2.59948246	2.72040277	2.58924122	2.85780588	3.23393874	3.25973567
4.21260023	4.66477744	4.57369573	2.36008806	2.48363207	3.33924237	3.54918139
2.3914223	2.99126413	2.93921433	1.43593226	1.85475648	2.30284084	2.25328939
4.39720202	4.42578189	4.27954509	4.363988	4.62566891	4.7062069	4.53590967
3.59336751	3.573112	3.74766428	3.98108188	4.10875036	4.21788419	4.3518814
2.20396752	2.45421656	2.4391002	1.83682652	1.81827704	1.98316857	2.11404745
3.03097185	3.27098416	3.27827037	2.87382839	3.21093232	3.42599476	3.64875063
3.67872914	3.99931437	4.01509913	2.50167748	3.28256217	3.51278096	3.61927582
4.03990764	4.438051	4.31681172	2.2308974	2.88115662	3.32314605	3.05254447
3.33182851	3.6730267	3.62946965	1.23547594	1.7735651	2.18231246	2.51682011
3.09905211	3.59097253	3.55425647	1.68768895	1.98983572	2.69253468	2.85302872
3.28577056	3.60951519	3.57594723	1.38738111	1.89590511	2.80561063	3.16629447
4.25434235	4.81408542	4.70206391	2.27081582	2.23615031	3.43562932	3.34892771
4.00535621	4.26896702	4.18674974	1.84942322	2.08209042	3.00857498	2.96367131
4.33925433	5.07423105	4.83058945	1.69922562	2.60084437	3.6111957	3.59134614
2.89765723	2.85825853	2.99520354	2.3854696	2.84455349	2.74435414	2.86621807
2.88635224	2.60379984	2.84259793	3.5756878	4.02863287	3.94132661	4.02777943
3.24310724	2.67098391	2.80391106	3.54675168	3.84991173	3.57415457	3.61954016
2.59227956	2.61947499	2.78230858	2.43102237	3.13372213	2.9405809	3.13826987
2.11530468	2.56639077	2.35548795	1.90507014	1.98262744	1.94000299	2.03119923
2.89299838	2.75880865	2.95046797	3.71351509	3.77530358	3.66767217	3.68920854
1.84418871	1.84043434	1.90559363	0.91340645	1.41400748	1.93080762	1.7552576
3.14857294	2.79929692	2.90828794	3.94438028	4.18047909	4.21953703	4.10052404
3.7598927	4.01283292	3.98760041	3.11543495	3.35526489	3.67913371	3.74845027
2.93387107	3.20801741	3.27815732	2.0700571	2.57336501	2.45113515	2.63027355
2.79895477	3.10285427	3.09095788	1.65491479	2.08521078	2.59434647	2.5040174
2.39535272	2.40726149	2.44220904	2.26351657	2.35233712	2.31707492	2.37571822
3.00064455	2.8981039	2.99751253	3.20875435	3.20587232	3.4823272	3.43704959
1.00E-04	0.04586798	0.02630087	1.00E-04	1.00E-04	0.03981478	1.00E-04
0.06290671	0.07382988	0.11111022	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49481416	2.63784489	2.63383662	1.80785785	2.25862376	2.23709669	2.63826068
1.68702399	1.79323221	1.82066337	1.61420509	1.83833787	1.65382248	1.87933456
2.61346423	2.49514252	2.77688474	3.13683533	3.39471537	3.64763995	3.76316806
4.71753839	5.06644903	5.09406914	2.5261456	3.28027177	3.73617777	3.82662518
2.29109938	1.92051052	1.89488356	2.81687489	3.25657184	2.91588795	2.93392234
2.65769811	2.16143845	2.17751321	1.9033798	2.14994564	2.10017167	1.80034757
0.07853447	0.00976541	0.00565234	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.84966586	3.66043769	3.70656039	2.30212454	2.54839817	2.7854187	2.63453644
1.89616993	1.52394924	1.70436736	1.69984652	1.64389561	1.75463659	1.93960658

1.78998557	1.54255604	1.73248593	2.05763354	2.04704919	2.26939602	2.57227365
2.44043475	2.58494378	2.69529109	1.37839253	1.81373948	2.15437012	2.22842024
2.76279442	3.40198496	3.36983418	1.15866357	1.39923294	2.59307514	2.36945107
2.55922904	2.62919157	2.66551137	1.77146594	1.59208795	2.02765104	2.01177363
0.59159132	0.49309517	0.59135077	0.44460323	0.76441475	0.34618476	0.50993051
2.20915063	2.58479674	2.84928917	0.58636818	0.81982869	1.42503185	1.23624753
4.73005689	4.57021978	4.61854127	3.17958694	3.52842269	3.56434012	3.45326016
0.70686433	0.36282796	0.50823748	0.60223749	0.78619949	0.98249439	1.08365461
1.00E-04	1.00E-04	0.00881145	1.00E-04	1.00E-04	0.13615674	1.00E-04
3.89261207	3.54350689	3.59722935	3.98517491	4.03895825	4.16155314	4.04594176
1.00E-04	0.00660606	0.07937372	1.00E-04	1.00E-04	0.07551969	0.28457759
0.12284802	0.06025896	0.01193339	1.00E-04	0.44862369	0.32023881	0.37192128
4.64357877	3.84892308	4.12244633	4.69292607	5.25257829	5.06362969	5.06525237
2.33364431	1.59764953	2.19277834	2.48739651	2.42475088	2.5913183	2.44798882
0.05291268	0.03926322	0.08205981	0.250622	1.00E-04	0.23357532	1.00E-04
0.01922784	0.09637755	0.0221487	0.28655742	0.1802426	0.03105445	0.59391861
0.21708665	0.04036972	0.06433902	0.53380115	0.8992765	0.48454042	0.53877928
0.02625446	0.01531757	0.05800433	1.00E-04	1.00E-04	0.09205274	0.05598888
0.89620949	0.39354799	0.39324545	1.57016709	1.50487021	0.98726032	1.16971226
0.45597526	0.24261007	0.4245178	2.2757354	2.41037047	2.25755631	2.60680788
0.17185901	0.11524106	0.20344303	0.50157136	0.11383628	0.33378055	0.51204636
1.16652562	0.76344889	0.99970095	0.67899912	1.55757748	2.33646832	2.31750237
3.67566291	3.69464714	3.62421753	2.3104943	2.58517181	2.74722335	3.02722439
3.92703204	3.81922145	3.91668271	3.91882011	4.30552603	4.22576309	4.23226071
2.59805548	2.7853127	2.81664801	1.78798526	2.47114207	2.6293228	2.75182352
3.00368776	2.65812554	2.73351588	3.20594795	3.61618509	3.44805225	3.61985563
4.82623101	4.57390039	4.69270911	3.87949532	4.07153548	3.9036877	3.9175667
7.90476776	7.67036597	7.39738625	5.0898876	5.34796949	5.07238145	5.09217884
0.43184616	0.22674631	0.16797433	0.21968929	0.44767683	0.53692651	0.61866512
3.74513433	3.30112557	3.45385075	2.1200268	1.84455273	2.18529182	1.96277224
1.88467069	1.70906488	2.06811141	2.69717093	2.71799165	2.76593061	3.12027703
0.07784145	0.05304043	0.01670374	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.69175007	2.70072207	3.02653136	1.9529667	2.07898627	2.27440749	2.17558286
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5.07331323	5.47260983	5.37090199	2.08198506	2.61169883	3.60220557	3.58787557
0.57023057	0.40629111	0.47406569	2.30737051	2.53482321	2.62964602	2.62526478
0.14236458	0.07907351	0.06794732	0.16543912	0.37045153	0.11193994	1.00E-04
4.33632683	4.0076314	4.0852455	4.37475009	4.60325989	4.31233872	4.3533736
0.54354528	0.35555525	0.41751592	0.70972551	0.85772926	0.49424009	0.44972546
1.5739209	1.44868939	1.37210988	1.13093137	1.05276525	1.15750831	1.23016965
2.08875834	2.14892968	2.35342903	1.95985735	1.9331977	1.54625167	1.73817792
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4.69916416	4.47224125	4.59239128	4.97752666	5.28268159	5.33640696	5.30238778
4.44997737	4.69583411	4.60020649	3.89852214	4.41721606	4.84818806	4.61668307
4.98053405	5.42463222	5.44805805	3.38056892	3.77575324	4.34654536	4.39162077
2.04132874	1.52727991	1.81807241	0.52703616	0.63532836	0.27060075	0.58289051
2.66140663	2.90643639	2.46425193	2.05709045	2.35379375	2.72121826	2.81864279
2.80874647	3.0463599	3.05134591	1.68794332	2.01141172	2.40829663	2.40508499
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2.35315295	2.61616305	2.6660488	2.16993107	2.21329652	2.31978882	2.40397574
2.80345746	2.37465073	2.54118426	3.0532648	3.09905507	3.23653631	3.24973467
3.09955496	3.79594881	3.8240322	1.85439016	2.45245439	2.86766355	2.92235267
3.44933079	3.41346432	3.47546467	3.85055994	4.06963017	4.08185373	4.18053197
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1.76868658	1.30189652	1.56058912	1.25943316	1.95403455	1.81689222	2.15016354
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0.91163344	0.81475524	1.14697611	1.00E-04	0.0838188	1.00E-04	0.18888817
3.09952136	2.59304715	2.64464254	3.42663772	3.63658847	3.84851237	3.90378624
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1.1173194	1.19594416	0.92145563	0.46696441	1.14279281	1.06140898	1.41263848
4.06478985	3.77791765	3.9052313	3.549409	3.85511087	3.72973992	3.80142834
1.91622034	2.02075963	2.13224302	1.8021093	1.86716095	1.89513066	2.1641028
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4.26828538	4.21566651	4.11745387	4.37538919	4.72041867	4.75153155	4.48995445
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1.0610796	1.69713187	2.17152515	1.00E-04	1.00E-04	0.30450615	0.46630065
4.86006316	5.3484563	5.37700663	2.21108001	2.57544195	3.50901511	3.35827729

3.64285746	2.88734272	2.9722513	0.96249462	1.19015229	1.117593	1.14357139
0.16123717	0.07204289	0.11793666	0.40331865	0.20965497	0.46645376	0.08187649
5.41642674	5.48655395	4.54044639	3.47443333	3.54600767	3.81765286	3.6434199
3.67771729	3.77022183	3.55101544	3.32949363	3.50116686	3.54545074	3.56908189
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0.63607221	0.27160592	0.33945377	1.00E-04	0.36973512	0.31770898	1.00E-04
1.00E-04	0.0228521	0.03846878	1.00E-04	0.11877762	0.41128906	1.00E-04
0.09638869	0.06608831	0.02603965	1.00E-04	0.1841195	1.00E-04	0.18306956
4.28188001	4.20571175	4.26350566	3.65162407	4.00102953	4.07510414	4.3051067
3.49823178	3.14825024	3.29264495	4.32196604	4.37595615	4.48169239	4.56296701
1.43363438	1.39639824	1.43125492	0.45233656	0.3681467	0.58088451	0.09691495
0.0436495	0.04502743	0.0348729	1.00E-04	0.42128053	0.10102612	0.28306056
0.03120501	0.25765406	0.31665144	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.8960045	3.23219218	3.44391743	2.52404262	3.04003394	3.67881646	3.93153778
0.59995397	0.29307908	0.46983902	1.97914806	2.22967041	1.6569935	1.79490426
2.84334579	2.64045322	2.75356224	3.16446963	3.49783033	3.2572285	3.24356072
0.03816702	1.00E-04	0.01526344	1.00E-04	1.00E-04	0.1103844	0.11599626
0.84201014	0.76747447	1.00802862	0.96317771	1.28025266	1.536783	1.73547272
0.06011923	0.05033041	0.06031747	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75829012	1.82797723	1.90262834	0.97201383	1.47398272	1.94131741	1.6789221
2.15874702	2.24252183	2.44023726	1.23847453	1.80370483	1.81919027	2.13046155
1.22827158	1.16426	1.21124081	1.66926244	1.68266343	1.91737095	1.98168488
0.07429682	0.04498216	0.05111636	1.00E-04	1.00E-04	1.00E-04	0.18093189
0.29408125	0.2981285	0.33020773	1.34425749	0.82409918	0.98993365	1.41028937
3.39748939	3.64441326	3.61824644	3.07121802	3.23992473	3.40271558	3.59012047
3.36931395	2.87946353	3.04548556	2.4771072	3.07529689	2.97504595	3.0857442
1.14757926	0.43043683	0.76346997	0.52975657	1.34151708	0.79898335	1.59365611
3.42781822	3.33310876	3.39857478	2.65696004	2.94490285	3.13962388	3.19386571
4.50071528	4.26730472	4.34038239	4.06456064	4.47948168	4.52169219	4.52846402
3.93770691	3.98088033	3.97893495	2.69147713	3.09305263	3.00272617	3.32632464
4.01865394	4.1891852	4.19847299	3.84189402	3.91005517	4.07738019	4.00768377
3.40826848	3.00040956	3.03121196	3.21461325	3.77168827	3.68251418	3.65892454
4.65905235	3.98997536	4.21960307	4.94723277	5.05626443	5.0228297	5.12956245
3.96174632	3.71940126	3.79465335	6.13038648	6.44474544	6.22886397	6.28707056
1.38562266	0.49257997	0.68063968	1.55955992	1.11221346	1.27435654	1.23912609
3.91246059	3.55274331	3.67964087	4.20432893	4.56663324	4.42259231	4.47967393
3.38115079	2.89535309	3.08317241	2.82485463	3.43823652	3.73161935	3.67814684
0.46263523	0.16301482	0.33952046	0.35690049	0.4707255	0.389694	0.25601015
3.67942955	3.65535638	3.75707274	3.76089157	4.0601346	4.32360834	4.39854816
3.97539529	3.77562001	3.96883081	4.76784027	5.01685784	5.06928376	5.07943516

2.23229591	2.07324418	2.01850201	2.08187448	2.27558364	2.2512503	2.33014325
4.9214137	4.5299182	4.72307996	5.77035342	6.00614151	6.00830001	6.03724585
2.51002696	2.23623379	2.40972783	2.68603464	2.94256131	2.95133283	3.07255002
4.75999233	4.30734096	4.39211074	5.11826805	5.57187699	5.52666881	5.46932732
6.06302612	5.41919983	5.59105627	6.23600474	6.45362216	6.42349667	6.46131329
3.9124	3.56777847	3.82014318	4.50561602	4.77909997	4.75789794	4.90606913
4.77975696	4.2774661	4.41321907	5.60549494	5.92200736	5.86198264	5.90513153
4.9970375	4.56514486	4.73719747	4.92766799	5.22945393	5.19337652	5.27043569
3.75389844	3.84666506	3.85319325	3.15508193	3.24365683	3.49108029	3.75906694
4.02571235	3.4572297	3.69353692	4.33688348	4.63476432	4.54317715	4.49555036
4.46441918	4.04933792	4.11032959	4.56789867	4.86633931	4.78778874	4.85381137
4.26801422	3.85948868	4.11158888	4.93651034	5.16129414	5.13095376	5.25682914
4.28967638	4.10543333	4.26946276	4.53114651	4.73255996	4.87249223	4.91969111
0.6841528	0.18794859	0.26629958	0.88317598	1.37299049	0.85152515	1.35990815
3.28151538	3.2545135	3.44912237	3.50321702	3.65437146	3.61755505	3.54682069
2.78390487	2.53187668	2.79828074	3.21357052	3.41944865	3.34602033	3.53749112
4.43502232	4.2093803	4.28206883	4.36752115	4.59330947	4.53546169	4.46479118
4.2857977	3.83518521	3.96246579	4.93027968	5.24955191	4.99165151	4.9975358
5.17544124	4.48983718	4.61212027	5.91344003	6.1621564	6.02868429	5.98875983
2.76579698	2.61406514	2.7811097	2.67692051	3.17145439	2.83270981	2.86365261
4.70421905	5.18527843	5.24371609	2.80113138	3.31675946	3.73729494	3.76266571
1.05398165	1.13622276	1.15699105	0.63842976	0.94732272	0.68960878	0.9807939
3.83593205	3.35563927	3.56898233	3.95579363	4.20352217	4.18219341	4.08429362
2.75091623	2.60439984	2.8053977	3.56729245	3.82140073	3.89677866	3.92566291
1.00E-04	0.05573425	0.05549798	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.92078223	3.26963599	3.15856291	1.61955048	1.66099276	2.2721424	2.54643538
3.80010619	3.22253935	3.51417268	3.1290869	3.45766734	3.27693792	2.91519158
2.8861725	2.75652667	2.82337145	2.29448592	2.9586114	2.92927324	3.12484436
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.98549358	3.07084451	3.28274444	2.4092712	2.72529133	3.02168495	3.19371539
2.69452699	3.06488752	2.97244622	1.4858811	1.89909687	2.14720552	1.93567577
3.70117328	3.88909381	3.99099653	3.05641724	2.80872268	3.17365	3.31186725
3.28343205	3.56762017	3.53896318	3.13244622	3.77643311	3.47142907	3.48675713
3.18710901	2.6497539	3.18502008	0.55448792	1.14791368	1.22674954	1.07200582
1.15695977	1.01224043	1.40444767	2.04222353	2.75909704	2.47729137	2.70421526
2.39321417	2.23845702	2.25455454	2.92709616	3.1424181	2.97869852	2.9866739
0.02487531	0.06607575	0.08132831	1.00E-04	1.00E-04	1.00E-04	0.08619455
4.89340828	4.93015382	5.05977158	2.39844216	2.4137733	2.78148309	2.51513634
3.59646323	2.8971542	2.60651622	3.36410529	3.54277949	3.51400791	3.66506419
3.1071179	2.74833664	2.81887667	3.8493295	3.9159007	3.94568246	3.91604095
1.38215387	0.8551622	0.93102404	1.35495324	0.87216485	0.89661046	1.26537574
1.00E-04	0.00691654	0.00567782	1.00E-04	0.07744466	0.12471251	0.11722954
0.58405003	0.00522987	0.08651316	1.00E-04	0.32948929	0.24475464	0.11722954

2.28723077	2.05521101	2.13447904	3.13026539	3.19815175	3.15651416	2.94518044
0.96704861	0.90110727	0.48035986	1.00E-04	0.30613413	1.00E-04	0.01438582
4.89039109	4.5617244	4.6117364	5.04084838	5.22651567	5.28055438	5.18073734
2.27843285	1.8891778	2.28188198	2.6170604	3.22118045	2.92451635	3.15678305
0.3352204	0.33668049	0.30257584	0.10688636	0.77894988	0.17394515	0.44338896
0.34411714	0.11506749	0.11688502	0.48317396	0.25514514	1.00E-04	1.00E-04
0.02744489	0.02168103	0.01290975	1.00E-04	0.1317778	0.06083796	0.21251031
0.44830392	0.34815328	0.67880584	1.33188232	1.5257747	1.5777282	1.58693454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.69286588	6.08550286	5.98853396	3.29708669	3.94943323	4.56202436	4.30814727
0.75746217	0.77789215	0.80554688	0.45583998	0.93172202	1.16750217	1.49418936
3.93062	4.21906127	4.25372509	2.37817902	2.7920773	3.48829022	3.56364524
2.87393044	3.51179733	3.48529699	1.57020996	1.72554542	2.27343704	2.36902581
5.37263511	5.82890834	5.70775666	2.27582248	3.16290371	4.09237683	4.03973455
4.49477123	5.0317897	4.92059374	3.41779215	4.08979545	4.32180278	4.05891933
2.18257748	2.44037545	2.5315827	0.93508989	1.51812453	1.73229012	1.99694666
4.57073123	5.13933087	5.00789083	1.88119015	2.43512742	3.21481582	3.07825515
1.07283114	1.21162775	1.49201808	1.21404596	2.23698298	1.76350912	1.89163361
1.61404337	1.21225098	1.25789186	0.3859236	0.10597666	0.84641953	0.33121853
3.1816868	3.38135278	3.34478439	1.72782026	2.26168818	2.47164937	2.53727168
0.10209935	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04930448	1.00E-04
4.09357751	3.63551614	3.80560253	4.82539153	4.94398734	4.94544704	4.8145133
3.26537719	3.03224209	3.1830291	3.24805513	3.78005867	3.81563763	3.83940299
5.42246967	4.85246653	5.25115143	6.47601764	6.54324737	6.60509946	6.3907273
0.08410458	0.09847922	0.19375728	0.54119493	0.22222371	0.15506727	0.27875095
0.24670497	0.53954834	0.3673755	2.31101306	3.11487888	3.75670189	3.07155139
0.10556063	0.0744292	0.01462477	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20967719	0.12085567	0.14325674	0.29584661	0.31273832	0.78812527	1.07225485
0.6441848	0.56219986	0.65106219	0.85704367	0.62422778	1.1665257	0.9575801
0.11320356	0.06894645	0.15017704	0.20209394	0.24686219	0.11643845	0.25911359
1.20451691	1.31737965	1.35072122	1.52858898	1.55632487	1.78273438	2.09384248
2.59716233	2.61382729	2.88719029	1.7606668	2.20945105	2.56148208	2.57366366
4.6919698	3.98337276	4.16369889	4.91212082	5.32948765	5.01475937	4.95419376
0.07199341	0.01483372	0.00637668	1.00E-04	1.00E-04	0.08344934	0.16257469
3.51914087	3.24178799	3.48868055	3.56338635	3.97119191	4.15758035	4.12862305
3.02814799	2.84503152	3.10709789	3.38306343	3.61713846	3.63441675	3.96954529
0.13326029	0.10263086	0.10010958	1.00E-04	0.18427805	0.38076827	0.28721586
2.15118839	2.11359982	2.31294881	1.64010916	2.13751566	2.26705816	2.44714376
1.57924532	1.57382486	1.94490036	2.06298293	2.20471737	2.5272878	2.76880829
3.68919908	3.70486867	3.75903986	2.48322972	2.66814148	2.95805809	3.11409083
4.66495911	4.282888	4.52541345	4.63707117	4.75351144	5.00458887	5.18544404
3.98829976	3.72845159	3.87587513	3.69969143	4.18487207	4.2786711	4.29172595

5.02279697	4.41794127	4.57234572	4.61966282	4.37133845	4.24292154	4.43148614
1.86400398	1.67687533	1.86366603	1.00E-04	1.00E-04	0.16384299	1.00E-04
4.60766373	4.60962111	4.68777113	3.48745809	3.72756592	4.06354265	4.22367047
0.75358055	0.52898541	0.47876172	2.34373067	2.67153511	2.25954377	2.57064936
4.07241029	3.55233715	3.69004251	4.22167544	4.66201663	4.47459764	4.45932147
4.63109709	4.71645399	4.48669432	2.70022927	2.78173402	3.10617885	3.1472194
4.84936315	3.90342811	3.86186059	6.33242479	6.511668	6.43320052	6.34709252
4.80556013	4.54406152	4.76542737	6.36336478	6.69172304	6.67638791	6.47910549
3.51315404	3.3442541	3.52606389	2.56929483	2.95808716	2.67985633	2.71390484
5.4712782	4.76646307	4.73383347	4.13664103	4.34605677	3.75966224	3.74935851
0.96835443	0.35464871	0.31377883	1.11557019	0.42643767	0.56921504	0.60347397
4.19004739	3.90317025	3.92226359	6.77817947	7.31555621	7.1727575	7.06043095
3.20653977	2.71541302	2.93434697	3.87586505	4.24115223	3.96802325	4.0006297
1.77170024	1.3814366	1.59436542	6.22268462	6.56031025	6.48155174	6.41484072
3.82091987	4.18394591	4.07888725	2.67174496	3.27949877	3.57713115	3.64479963
1.50768176	1.00843394	1.41173494	3.21110067	3.05709036	2.91340562	3.08428551
1.59026515	1.27751353	1.34972906	0.47587674	1.00157179	0.60709961	0.6368501
2.89774322	2.21114435	2.35203638	4.06885253	4.4350024	4.36227765	4.3000895
3.79491083	3.39606441	3.64915831	4.69183183	5.21426262	5.11676917	5.0771342
4.85777025	4.91702814	4.99627629	5.13288966	5.35596794	5.25620345	5.22035667
1.68122126	1.63670384	1.43090157	1.60851757	1.92756531	2.56936097	2.79524602
0.11845599	0.00918365	0.03260099	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.41307972	3.30442431	3.64702361	3.13525536	3.25639602	2.64926751	3.04971899
2.80816548	3.14263578	3.18995618	2.46673156	2.64946297	2.79553471	2.8506838
3.06479113	2.82036353	3.06454292	3.53562552	3.65398376	3.578449	3.75642725
4.5296714	4.06044608	4.11433118	5.44955833	5.69534401	5.38039456	5.52409035
1.00E-04	0.01461227	0.05994033	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12506124	0.73601523	1.22547458	1.00E-04	0.17544083	0.86890088	0.13504603
0.14860168	0.19416702	0.06062592	1.00E-04	1.00E-04	1.00E-04	0.07470408
1.07428977	0.43859781	0.38427084	1.00E-04	0.36058387	0.26718514	0.32821027
3.37595997	3.68772928	3.67434589	2.12531963	2.61686655	2.88623417	2.91413883
4.2331586	4.31808875	4.42943127	3.967952	4.16931274	4.33580478	4.49416507
4.70684188	4.10194607	4.23532537	4.32913779	4.67012935	4.55041582	4.56020783
2.25061836	2.18491668	2.1991258	0.92592636	1.96386109	1.81698816	1.28234057
2.05109904	2.11367697	2.20475354	0.51619246	0.82694654	1.18538289	1.58784796
3.09774784	2.85382542	2.87115928	3.67845453	3.97925492	3.67722124	3.68448729
1.00E-04	0.03687159	0.04550824	0.21942522	0.11632806	0.41762219	0.26657904
4.62924842	3.91112349	4.14046064	4.06474788	4.30624797	4.12386246	4.07462079
4.6104438	4.50768928	4.34540637	3.0384657	3.51686064	3.7098691	3.5574266
0.14314115	0.06496764	0.03522487	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50642744	0.31139211	0.40177097	1.00E-04	0.64002282	0.43510728	0.50439184
1.46146782	1.1816944	1.30725732	0.89072194	1.90810831	2.1031148	2.26049628
1.97375039	1.65838136	2.14862525	0.74509389	1.08223649	1.02520395	1.53527382

0.20143901	0.07041796	0.11843348	0.51568461	1.00E-04	0.21515698	1.00E-04
0.09274137	0.04174999	0.06832209	1.00E-04	1.00E-04	0.28770321	0.20446159
0.02734888	1.00E-04	0.02678479	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1306428	0.11827455	0.12802513	1.00E-04	0.44933091	0.17007631	0.12821179
1.00E-04	1.00E-04	0.01412858	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67183394	0.28737806	0.30377354	1.06572895	1.36503354	1.20147457	1.12376717
0.47361296	0.34264369	0.35220092	0.29973645	0.86294675	0.57333813	0.48066007
4.10624433	3.44227729	3.61181048	3.92970064	4.33900182	4.25735288	4.13865544
4.33208032	4.57131421	4.71660131	2.93937873	3.3202835	3.5132823	3.44132179
2.53362093	2.39806965	2.55629711	2.51835356	2.98788256	3.01095288	3.13858118
0.40753602	0.18512096	0.17664682	0.43764384	0.44627698	0.25062308	0.79156454
0.74333504	0.40427244	0.54657902	1.31427339	1.65061958	1.32520533	1.24700456
0.14836976	0.07824732	0.13998448	1.00E-04	0.22511081	0.07614676	0.12167681
0.22093713	0.18494335	0.23384955	1.00E-04	0.16165745	0.06861721	0.22924035
0.79490986	0.69838541	0.89316336	0.95050685	1.20343953	1.52651073	1.67397838
3.03474377	3.03072744	3.10166285	3.1248489	3.59456242	3.39159955	3.57827411
2.51143819	2.61701529	2.66138697	2.23410419	2.24743831	2.27462614	2.51402774
3.36246381	2.764024	2.88595761	3.25774365	3.74024552	3.41327418	3.48377514
2.94293534	3.14981908	3.12531868	2.38069239	2.70093433	2.81237842	2.8226774
2.80014537	3.00230479	2.97817033	1.90693921	2.46054952	2.51958195	2.6375507
4.20838167	4.33397176	4.27519125	4.39541387	4.46618662	4.52250201	4.60867696
3.09023535	2.81939086	2.90841901	3.19896948	3.59395213	3.61457884	3.60221136
3.12329051	3.19805438	3.31780319	2.2858293	2.66521579	2.94790978	3.11461511
5.32550738	5.21378395	5.27145362	4.83086011	5.2026274	5.21572915	5.2143407
1.64404811	1.20588952	1.47747985	1.01985951	1.83479571	1.62478066	1.85066601
4.99316188	4.86121694	4.89257588	5.4191357	5.55182915	5.63247225	5.48896213
4.17970678	4.22377924	4.36798617	4.18039629	4.72095592	4.73879282	4.74444084
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71126988	0.54648331	0.47738339	0.74852115	1.26050977	1.27175539	0.63085227
2.23760159	2.09340101	2.18407716	1.59398895	1.82765206	2.26265907	2.13606454
2.82100041	2.96322581	3.15635732	2.28066959	2.4916476	2.74202796	2.8284027
2.87752452	2.63682606	2.74784761	3.01604794	3.27782305	3.16953039	3.17753177
3.57448116	3.39141646	3.44396205	4.15653907	4.66952892	4.57002909	4.45728791
0.40571208	0.41753464	0.75556184	1.24593344	0.756865	1.2704107	1.09576088
2.58348956	2.26230043	2.43863873	3.64836292	3.84568827	3.58456093	3.61924168
5.09217902	5.24336285	5.24433343	3.11884222	3.74221906	4.22136482	4.14823182
1.94146594	2.02034607	2.05197066	1.9264804	1.9563113	2.07872191	2.00295237
4.71631228	4.36050633	4.51570198	4.70148554	5.03420369	4.94050446	4.94160209
1.21512293	1.44692327	2.03854608	0.32385541	0.15223902	0.61546728	0.80613188
0.06176909	0.09859706	0.09495359	0.22674862	0.10741022	0.65669179	0.47556809
0.67313687	0.15146497	0.52897604	0.57571941	0.37570127	0.32255584	0.36349949
0.23650979	0.07489003	0.11620652	1.00E-04	0.2144503	0.15525445	0.3475221
0.02118002	0.04504185	0.01446024	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.57446651	0.31450652	0.52054724	0.10591264	0.53214946	0.57267796	0.62764333
0.13166382	0.17439155	0.13891533	0.36249052	0.73422435	0.28770678	0.43761596
0.18490637	0.31265206	0.29328992	1.03137847	1.54614554	1.39556315	1.47462671
1.8145414	1.92516313	2.15349134	1.71815011	1.94529614	2.06279723	2.39517323
0.42048059	0.4159947	0.43131271	1.00E-04	0.35513111	0.40377639	0.58617371
0.07514861	0.18178806	0.14528033	0.27480984	1.00E-04	0.16012195	0.5914357
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54538072	1.27367625	1.10261074	3.4516827	3.74121726	3.50171947	3.25276976
2.40555842	2.2509476	2.35256237	3.72652829	3.24436698	2.94717818	3.84871639
2.22320433	1.94019781	2.03025326	2.91420424	3.12916447	3.01600791	3.22768267
2.67664646	2.68616344	2.84536553	2.63801856	2.94826804	3.05940712	3.39592462
3.31997564	3.29208801	3.33168736	3.19212435	3.37624564	3.33868886	3.54096588
4.71914282	4.29276826	4.38931498	5.65726576	5.85366354	5.74300403	5.7356114
5.65482008	5.52984084	5.56256604	5.95610274	6.03073507	5.97881399	5.94164108
2.62864016	2.51662567	2.62783108	0.91621915	0.75503373	1.14601996	0.97122224
0.8731628	0.83613561	0.96647371	1.32099838	0.88956624	1.33789048	1.29987828
1.76586893	1.45155492	1.71920641	0.36352002	0.70945286	0.87783333	1.37313674
0.0828174	0.14046605	0.04222246	1.00E-04	0.23070116	0.038798	1.00E-04
0.49213129	0.23159999	0.17032299	0.49285284	0.34092871	1.00E-04	0.05846379
0.01241261	0.02918727	0.03639092	0.82867843	0.68527545	0.30743753	1.19389047
0.8095121	0.6630886	0.91550504	0.84812774	1.37204067	1.08586897	1.71367119
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0248045	0.0243481	0.37364435	1.00E-04	0.12995077	0.43721314
0.17276897	0.09008903	0.11500957	0.08513605	0.26328365	0.31329888	0.31451881
2.80017296	2.42057909	2.92135013	1.38973092	1.29636824	1.18275701	1.49570361
1.29167732	1.55088868	1.3729678	0.09859906	0.60106597	1.12823398	0.76026645
0.37119088	0.186701	0.26564398	0.13050735	0.12116122	0.04732814	1.00E-04
0.73740793	0.26932891	0.34242556	0.39737222	0.4551306	0.45715185	0.37240506
0.1479666	0.2059623	0.51701472	0.13046084	0.43929217	0.83358978	1.27558821
0.14305194	0.18136615	0.21335111	0.24953982	0.35284848	0.68299928	0.45318066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46823289	0.20429531	0.74280624	0.23458533	1.0018739	0.23018895	0.24451283
0.83331909	1.14709863	1.1695475	0.52008769	0.38993424	0.68867686	0.66309201
0.31573338	0.07495348	0.15236146	1.00E-04	0.08831987	1.00E-04	0.20248434
0.1011136	0.01164359	0.02137985	1.00E-04	0.27725559	0.09543144	0.04194965
1.30482697	1.02466723	1.09111078	1.11180601	1.14817705	1.49759628	1.58182498
0.03003258	0.00857497	0.03757887	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01975643	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04576095	0.07961326	0.03841184	1.00E-04	1.00E-04	0.09099855	0.12548551
1.00E-04	0.04575388	0.01454471	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70371475	0.59300204	0.7300635	1.35759427	1.21263827	1.72186784	1.53742512
0.20026696	0.08439975	0.20937912	1.00E-04	0.13992966	1.00E-04	0.1691727
1.63922147	0.8367391	0.91272997	1.44754167	1.57263315	1.33352424	0.80568059

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17784616	0.38125138	0.50359463
0.28232839	0.22851521	0.14687411	0.26637628	0.47803353	1.09771905	0.94490119
0.71554685	0.79793468	0.68668335	1.10585557	1.08217912	1.07013458	0.9738759
0.17077099	0.1124528	0.16552807	0.29301831	0.10741022	0.29546706	1.00E-04
0.20953222	0.05771578	0.08464523	1.00E-04	0.29152265	0.23996601	0.22002305
0.26841306	0.25252255	0.06116606	1.00E-04	1.00E-04	0.10808209	0.23029218
2.15411661	2.08569976	2.25702345	2.35016723	2.72232157	2.64373909	2.71692832
2.4255473	2.14009275	2.285066	1.49833723	1.73618917	1.67403101	1.74920058
1.29693481	0.47471097	0.6836436	0.6644332	1.00133256	0.41951654	0.82038078
3.47677757	3.83627577	3.90593096	2.36413764	2.43191104	2.89866625	2.93711735
0.96899185	0.81674678	0.87962129	0.83933867	1.3055408	1.55480499	1.37914302
3.08302503	3.28482894	3.26391346	2.5098142	2.75457818	2.89557476	2.92858795
7.3926229	7.48344596	7.39163727	5.09932729	5.44888356	5.80350422	5.70582126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08643328	1.00E-04	1.00E-04
1.60804326	0.8259539	0.9469356	2.16222391	2.70134571	2.33904121	2.44643004
0.58970163	1.02197092	0.44721399	0.21922759	1.8098196	2.23446258	1.68066965
1.00E-04	0.01998291	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11725073	1.00E-04	1.00E-04
4.10483189	3.04283069	3.51376346	1.42261123	2.06921171	1.35122287	1.64845914
3.29598662	3.07540142	3.19280537	3.59733568	3.7574814	3.7913878	3.75887131
5.13795124	4.90289324	4.7130141	4.66157787	4.98693728	4.9052717	4.88409345
2.25244218	2.19688868	2.30625929	0.76675791	0.81394549	1.28659693	1.2038651
3.91343329	4.60294548	4.43784436	0.9015831	2.24978301	3.12454098	2.84547893
3.07695497	2.94099938	3.16149311	4.90311169	5.03044417	5.09244899	5.26607812
2.30716097	2.18375253	2.37285902	2.72058581	3.05378583	2.9148933	2.87298195
0.1585267	0.04004719	0.04482467	1.00E-04	1.00E-04	0.15344113	1.00E-04
5.09254956	4.96760013	4.98620509	4.30733272	4.56830977	4.84602913	4.51407279
4.96231624	5.19798903	5.18189568	3.1486371	3.57594839	4.11354205	4.14573259
4.49542551	4.55048103	4.60848824	3.19698252	3.60272771	4.00658746	4.08433105
4.5001729	4.69819806	4.61031691	2.88817605	3.17098776	3.76984877	3.67834868
4.25811545	4.3502102	4.36212166	3.45144568	3.85588562	4.08118107	4.14314089
5.56476291	5.41518881	5.3313015	3.6257538	4.11791514	4.28245347	4.2340828
5.80885967	6.12916436	6.0583791	3.71774997	4.23856561	5.03054782	4.94532635
0.05043761	0.10848866	0.11527274	1.00E-04	0.19764172	0.24975368	0.20844482
4.961188	5.1483038	5.17311773	2.96821485	3.34366112	4.00078693	4.0148362
3.76412148	4.05440938	4.03641123	2.02405899	2.34147749	3.15152811	3.09972251
3.977046	3.95018176	3.86244794	2.61658289	3.09199429	3.24548937	3.08189443
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3.99536124	3.90438808	3.88911637	2.76074049	2.98749398	3.24202905	3.45216039
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1.62003051	1.49410638	1.70032285	2.04958872	2.42296006	2.13420775	2.2025387
3.61507966	3.65140798	3.65347677	2.13597241	2.69578893	2.93125175	2.86119859
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4.33842265	3.96528515	4.02806359	3.32039841	3.83748414	3.81007089	3.7736133
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1.06630409	1.29331644	1.59166585	3.88198548	3.99245011	4.10365566	4.25603205
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3.69441213	3.83297728	3.89936716	3.58536717	3.69238934	3.59999459	3.91212661
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3.31332709	3.09395729	3.27040677	3.52994833	3.81893471	3.91655024	3.90357891
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2.68038724	2.66512787	2.40487481	2.85180035	2.97191894	2.68666393	2.61719907
0.12849077	0.07855723	0.67272099	0.58170234	1.13524964	0.89670335	1.5842282
0.06514766	0.01236337	0.04383457	0.194172	1.00E-04	1.00E-04	0.0933521
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3.14470997	3.08023829	3.0972482	3.91030687	4.25059737	4.14613631	3.98941923
5.20905276	4.63148547	4.74161243	5.17603605	5.5846485	5.50037873	5.49554498
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	0.03951177	0.18129816	1.00E-04	1.00E-04	1.00E-04	0.13894207
3.33847341	4.04096182	4.24835319	2.48844377	3.83247602	4.51566831	3.04126366
0.10343449	0.16926813	0.21087346	0.20156306	0.14284796	0.26259639	1.00E-04
2.14748033	1.7811549	1.93791829	0.56590098	0.45164121	0.45103744	0.59600327
1.17853837	0.99753625	1.69438643	0.61183323	0.67739915	0.53121853	0.63623417
4.69727615	4.65060321	4.28656546	3.87085855	4.10992271	4.23171353	4.17015534
0.04342054	0.05867408	0.0793296	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.97463283	3.19422144	3.10010603	1.08674264	1.87888092	2.13941963	2.0918907
5.36085922	5.51735779	5.48068888	4.89748324	5.27893368	5.33800776	5.42628915
0.06310328	0.0854181	0.10585056	1.00E-04	1.00E-04	0.17051968	0.25373016
1.00E-04	0.0659604	0.01973903	0.41747181	1.00E-04	1.00E-04	1.00E-04
2.72952558	2.65714776	2.67603621	0.81361335	1.57075347	1.62292153	1.28749922
0.67688664	0.38097621	0.62503778	1.00E-04	1.00E-04	0.11209792	1.00E-04
0.07947838	0.11122927	0.0313785	1.00E-04	0.1079239	0.51541902	0.30223506
2.75394796	2.96900046	3.02715429	1.26593097	0.99318987	1.7526651	1.90139034
1.75872072	2.52148126	2.68406479	0.97936846	1.50183313	1.37667979	1.68972171
2.80293052	2.15741081	1.73505113	0.16911117	1.16523567	0.73160897	0.86176432
0.7089954	0.358109	0.60418537	0.89782952	0.92028191	1.42748353	1.38953739
0.2206179	0.1356345	0.1300208	1.00E-04	0.54681394	1.00E-04	0.188383
0.02768209	0.03570482	0.01837577	0.25340878	0.22866211	0.02150869	0.15431211
3.20529919	1.99156396	2.35448933	0.86389355	1.7306717	1.28766259	1.19772995
4.47403954	3.86427269	3.94046689	4.88857657	5.07124133	4.98281767	5.0026749
1.26841884	0.87198432	0.954821	2.38412261	1.84043544	1.38777431	1.41507708
0.61318906	0.20834961	0.51555038	2.51714478	2.2566674	2.2641612	2.65472336
5.72735397	6.41406299	6.24027718	4.8368717	5.07349309	5.56614751	5.48451702
1.00E-04	0.07750767	0.03036116	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.81419543	5.25512429	5.2435315	3.29411639	3.47243695	4.12985518	3.92513542
0.01481226	0.01978304	0.0535924	0.15408014	0.19957811	1.00E-04	0.23579324
2.74084593	2.87856208	2.89189026	1.85147833	2.29984122	2.5706799	2.7670489

3.9551298	3.77238069	3.98697596	3.36037214	3.76027252	3.99542798	3.91860944
5.4891042	5.42481093	5.45607666	4.31372208	4.66769988	4.82950403	5.04025685
0.10155186	0.08103104	0.19322528	0.15340177	1.00E-04	1.00E-04	0.15151405
3.12234223	2.96579169	3.04631941	2.58876726	3.15418932	3.03114534	3.13919188
1.93926457	1.57108735	1.85809995	1.77173582	1.87878292	1.5090037	1.79059119
3.53463947	3.95957829	4.04769039	2.35080705	2.93300704	3.31341432	3.27323144
5.71187043	5.10489362	4.9791969	5.27786071	5.74730228	5.62141402	5.36165199
4.34572286	4.04622834	4.09373354	4.3412678	4.78027962	4.64960367	4.6112662
5.87089585	5.58228288	5.490592	4.04190486	4.08850676	4.26407166	4.09766298
2.6527117	2.5962235	2.91513373	4.03432319	4.25509534	3.96742199	4.20248544
1.42535958	0.87708994	0.65760203	0.33498149	1.17899014	0.81688223	0.71088804
3.60244883	3.72358758	3.80687583	2.32516598	2.16709913	2.7707593	2.84117997
5.19970383	4.69830778	4.69650755	4.99072569	5.22002391	5.03601361	5.21305872
0.02802523	0.02766119	1.00E-04	1.00E-04	0.12198876	0.16283543	0.09544731
0.31635487	0.33572666	0.37912073	0.40198773	0.08195767	0.38502117	0.50564751
3.39415048	3.46041165	3.6871901	5.51370182	5.56603066	6.00477412	5.9117796
3.3125381	3.09597951	3.25246432	3.41721431	3.71691062	3.70538554	3.64293491
0.55386547	0.14918953	0.20260391	0.12940013	0.9434647	0.56547332	0.7229418
3.69197523	3.29715559	3.47493249	5.67588624	5.88403818	5.92805476	5.93312058
0.43497242	0.21917897	0.40161985	1.00E-04	0.33464684	0.21920204	0.01875595
4.51653412	4.75089304	4.74124724	2.97649984	3.51476416	3.72047651	3.88647107
1.56416508	1.24078378	1.68690244	3.53901531	3.61401815	3.77556536	4.07207462
5.45501755	4.87626088	5.0613082	5.62531347	6.02615927	5.76601198	5.83237794
5.36793022	4.8622928	4.91336372	5.56243066	5.87992433	5.85890926	5.79154915
0.23915455	0.44076208	0.72913944	0.46518882	0.03132626	0.75305199	0.90090391
6.8210343	6.5755159	6.61289465	7.42318834	7.58556442	7.74543607	7.77080232
0.70163725	0.72932389	1.07892231	2.19852984	2.48765351	3.25365776	3.47556306
1.28897502	0.90802349	1.04131449	1.94504352	1.08713254	1.07458159	0.86870722
3.77661423	3.56234869	3.96081089	3.28700025	3.34939492	3.51102156	3.73640858
0.3580627	0.21753942	0.36970063	0.82644085	1.54959351	1.16896538	1.18818665
0.85275825	0.3840515	0.47723442	0.49699613	1.14100915	0.90925361	0.75824732
0.61615874	0.23273963	0.314938	0.76128774	0.88945218	0.44530991	0.28780735
6.32245718	5.46279928	5.65653789	6.24620438	6.36225697	6.61093243	6.33058824
1.42443471	0.7731119	1.15898324	1.27450182	2.02910696	1.48077932	2.10125123
2.89534917	2.7092906	2.8410394	2.23568425	2.02049344	1.91259903	2.45050044
0.44138461	0.23214218	0.29533746	0.22135427	0.94665906	0.83933828	0.48224753
0.57610856	0.19397565	0.38053393	0.43543523	0.81033724	0.33506994	0.76351275
2.70904716	2.49812451	2.72847863	0.74743148	0.85451739	0.78210271	0.85572488
0.06575792	0.06890592	0.06242383	0.98776502	0.56080485	0.1015426	1.00E-04
0.08768267	0.27650037	0.33398745	0.57637727	0.40358043	0.27634394	0.31676799
0.55365758	0.36684238	0.33085318	0.50295243	0.6008389	0.62692084	0.34858446
1.29287488	0.68220676	0.98363097	1.76594916	0.97549194	0.98232356	0.83996616
0.11214133	0.16617559	0.21820431	0.30973543	0.86747166	0.28177591	0.40484193

0.52704182	0.29891171	0.37337561	0.22510796	1.30688659	0.97808675	0.91627952
3.32348732	3.77244627	3.74978837	1.09235205	1.28911854	2.12489555	1.99164766
3.10520315	3.19328352	3.20037762	2.21041621	3.06657016	2.91515042	3.05755836
3.01548062	3.5896307	3.56258551	0.70899464	1.37570949	2.21116487	1.90930967
2.31784572	2.39092569	2.59999723	1.86263957	1.92861577	2.40419021	2.65451995
1.24474221	1.5485014	1.78423913	0.69924496	1.06226351	1.53510957	2.16957317
4.44158853	4.61539751	4.54548215	3.0726377	3.46016559	3.66166022	3.82501177
0.28589924	0.13362448	0.20694273	1.59118541	1.84269282	1.78118587	1.44871748
1.98162538	1.80011922	0.65241249	0.45187501	0.19655371	0.49133938	0.41019143
0.44136719	0.50046995	0.62309985	0.74823335	1.00E-04	0.32573261	0.01875595
3.18791922	2.47780056	2.95635421	3.55959563	3.65992734	3.36038886	3.63463147
3.77826208	3.95365453	3.88637811	2.6629573	2.95630404	3.08147193	3.30129328
5.19351163	4.68960679	4.8280464	5.67035962	5.85585718	5.74577494	5.69794882
5.27426493	4.77914316	4.90597631	5.89946873	6.26390553	6.04182558	6.05147412
3.32245517	3.45017959	3.38545248	3.41473755	3.52608695	3.71373042	3.82385761
3.61689331	3.44699094	3.46060561	3.47490691	3.69236815	3.70113708	3.75212445
0.28785727	0.13861089	0.15427334	1.00E-04	0.086503	0.18130009	0.20812289
2.93154071	2.86382906	2.93037521	2.93484772	3.22119753	2.87646912	3.11690016
3.89810584	3.50935399	3.61221592	3.83100711	3.89875834	4.09474006	4.16622935
1.79404397	2.02886659	1.95887735	0.56734848	1.60530092	1.64352613	2.05284325
3.14895803	2.7516356	3.03677399	3.89976357	4.02266462	3.80980015	3.9338087
2.26972552	1.88422038	2.23028269	2.35384534	2.81436382	2.72647786	2.77858289
0.91032059	1.22529585	1.15363016	0.97553657	0.72583954	0.68763116	0.81217247
0.06984815	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.99426014	2.18019085	2.08925639	0.67545856	0.15494392	0.63408955	0.79131838
0.06809684	0.07124661	0.13842009	1.04219731	1.33399834	1.97766551	2.29815024
3.49624618	3.63404977	3.71026915	3.19832132	3.52455001	3.70034726	3.64662828
2.52899118	2.47563962	2.52223697	2.92172711	2.93966087	2.74706382	2.97512139
3.17981002	3.00716599	3.17159687	3.87016616	4.08403811	4.13565985	4.27321406
2.25264409	2.1981016	2.23348687	1.04817515	0.93541425	1.23028314	0.98633259
2.98471208	2.84465076	2.96493121	3.13839627	3.37742469	3.25021037	3.22705886
1.00E-04	0.07711672	0.01904802	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.80710975	3.56557438	3.7098195	1.22719202	1.33544495	1.63301451	1.87704738
1.67578883	1.44439445	1.52214922	1.43746186	1.94589509	1.68232381	1.77609298
1.26321654	0.68730944	0.89216614	1.27545527	1.85913801	1.92507655	2.16964165
3.97344101	3.2693768	3.43505256	4.18995892	4.43749602	4.33805121	4.27448463
1.60117889	1.86155105	1.80906345	1.06232568	1.63573591	1.568053	1.77503316
2.9334793	3.27590562	3.26564338	1.93495324	2.02996545	2.25078693	2.45377468
3.09293281	2.65564224	2.75944874	3.71300499	3.71274952	3.67676161	3.70120531
0.10280444	0.06968587	0.05262089	0.24672226	1.00E-04	0.09240958	1.00E-04
0.68019753	0.42490843	0.61310693	3.40660219	3.57638718	3.4171959	3.23374917
5.42469965	6.23216741	6.19316929	2.49405622	2.69584977	4.17116598	3.83210384
0.37303666	0.13713531	0.1564285	1.08431907	1.53357149	1.28455719	1.25934951

1.51581879	1.41228698	1.42205014	1.08895622	1.50019965	1.65658486	1.56311423
1.4480849	1.4668985	1.54353798	1.23499847	1.09072352	0.86080854	1.52719209
1.00E-04	0.03634735	0.0415565	1.00E-04	0.15321921	0.03400759	0.14235037
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.80376913	2.35277919	2.57742021	3.35168055	3.50372169	3.30062291	3.31666191
4.18344706	4.2566501	4.23427892	2.09095374	2.34709952	2.34061963	2.43096139
1.34242336	0.90977716	0.98518315	2.42264114	2.83116075	2.19116607	2.2858527
0.03331413	0.03929724	0.06448175	1.00E-04	0.29293987	0.32162777	0.4561332
1.71953797	1.64790756	1.72911207	1.87520781	2.2128209	2.21269529	2.3432768
0.27967587	0.38714729	0.61998184	4.1195524	4.26429514	4.59182291	4.70315677
2.47562473	2.45199435	2.52844056	2.59699331	2.59449596	2.66246944	2.94084877
2.95509111	2.97070657	3.16682616	2.27603975	2.74779492	2.78045058	3.06208867
1.84924941	1.63715604	1.92391944	2.84785276	2.71042076	2.56538615	2.96937637
0.06166927	0.21609476	0.19003531	1.00E-04	1.00E-04	1.00E-04	0.2496646
0.03950075	0.1239844	0.0949077	1.00E-04	0.37870868	0.39353786	0.33422049
3.6739338	4.30036818	4.25547771	2.66593359	2.76628116	3.45916065	3.27612718
3.44128712	3.74681713	3.72066588	1.95352798	2.66137858	2.94718763	2.96737828
7.10632362	6.69452586	6.6391702	5.25025039	5.45942437	5.44517049	5.35352682
1.26053698	1.44055533	1.75907148	1.00E-04	0.19127957	1.00E-04	0.29633023
1.99655628	1.88597808	2.1075472	2.13422202	2.50824893	2.5373848	2.44588141
0.76576803	0.93209218	0.80238621	2.12222066	2.28828003	2.17469453	1.98134276
1.00E-04	0.00560791	0.00827353	1.00E-04	0.10354547	1.00E-04	1.00E-04
1.00E-04	0.02037991	0.02479811	1.00E-04	0.13346036	1.00E-04	1.00E-04
4.37682717	3.82535543	3.92747773	4.77131224	5.10748734	4.91518556	4.90597353
1.73346801	1.03276685	0.99260314	1.59350381	2.69307231	2.3663722	2.28566842
2.50684315	2.34678383	2.47095806	2.54155439	2.90378173	2.99773874	3.16140118
4.0533095	3.36972713	3.60584018	3.92180785	4.21405411	3.90444861	4.11284474
4.53116809	4.31530881	4.52753012	3.13631918	3.69433384	3.60001121	3.68353884
2.07251299	1.98347824	1.95369109	2.82013817	2.93855045	2.73665451	2.77989145
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2.34009304	2.34803432	2.44229152	1.85885209	2.36340519	2.28447239	2.25561939
2.02173776	2.13809737	2.18088268	1.3514567	1.51681959	2.14264223	2.0000178
4.04013605	3.52135988	3.67008607	4.29075322	4.45967885	4.5195872	4.55284319
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5.65315172	5.35267042	5.41196523	5.44823343	5.81613248	5.78057327	5.83781179
2.81134041	2.87774642	2.89287747	2.75508776	2.72233048	2.88830637	2.97389519
0.03578877	0.03494788	0.03388022	0.2429426	1.00E-04	0.15224527	0.06223494
5.42878378	5.11890556	5.15996514	5.01985555	5.2562414	5.32970283	5.35185363
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2.76755326	2.87391036	2.85570088	2.23127372	2.29983851	2.50910792	2.73544341
5.94473235	5.55308853	5.69182482	4.6317188	5.11246361	4.74035491	4.83272306
2.73836272	2.54530499	2.88071952	3.16022104	3.58763785	3.6162117	3.84125059
2.71367795	2.12323678	2.3395105	4.21333921	4.46805096	4.14735556	4.10489632

1.61973791	1.41305694	1.59379884	2.82033834	2.93353931	2.6563024	2.89176319
2.3314894	2.42460514	2.59678322	0.73319217	0.93695025	0.78974134	0.90198067
3.71337993	3.65095634	3.42772922	3.35574412	3.468278	3.55015709	3.60953962
4.68372373	5.47747283	5.22629849	1.87690564	2.39077851	3.63385155	3.11096506
4.85664406	5.19390261	5.13437732	4.1930216	4.35990706	4.60795727	4.73220037
1.06046265	0.58399035	0.77132982	1.15426729	1.24143706	1.53457396	0.96462956
1.00E-04	0.04529762	0.03548752	1.00E-04	1.00E-04	0.32268908	0.09516424
4.14696239	3.97109478	4.0599439	4.17263086	4.42297675	4.48096764	4.49228544
0.32629186	0.10221797	0.10071107	0.66534496	1.36105127	0.90574035	1.42281529
5.3930985	5.16692197	5.26183737	4.91435185	5.18157766	5.14737729	5.32004978
3.32181063	3.53948958	3.47083049	2.617141	2.90492275	3.09717072	3.23279056
4.59782502	4.74356877	4.42687463	1.78266782	1.64389219	2.31434104	2.12166841
3.94492555	3.95332131	3.89647232	3.81887148	4.17031072	4.15189319	4.2613274
4.11899862	3.90921375	3.97020789	4.23879487	4.61751212	4.54021828	4.59797427
1.68010308	1.32501403	1.32349237	1.08972535	1.91014172	1.74284581	1.48090238
3.74589698	4.04952231	4.08405274	1.82458779	2.27563682	2.74701808	2.84994775
0.31420826	0.23646746	0.24075473	1.00E-04	0.35649715	0.23472924	0.94352134
0.22371328	0.12117556	0.24880298	1.00E-04	0.924024	0.82639756	1.43987836
3.70426156	3.40035803	3.47750201	5.47190741	5.46040092	5.67318297	5.69589635
0.49558915	0.16939653	0.30730097	1.70113956	1.37366516	1.52586487	2.03883843
3.81343161	3.35795304	3.51036295	3.98112796	4.42506555	4.36486038	4.25335362
3.18636098	3.27010669	3.30758621	2.36915417	2.89268075	3.22253688	3.25262393
5.80547282	5.64538062	5.64963942	5.59896938	5.92194634	5.85731666	5.8090434
2.82341452	2.75603573	2.79455231	2.78749959	2.83915491	2.9884557	3.06318404
4.57709543	4.49490491	4.42682076	2.38608063	2.75096229	2.67858637	2.64990847
6.11473242	6.08740181	6.16490109	3.68844136	3.67552599	4.00720802	4.03654774
4.01791608	4.70671022	4.69527973	1.09326688	1.76197799	2.56724092	2.28920656
0.15080815	0.05694435	0.06850927	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.08706877	1.85410863	2.05619342	2.10551613	2.58027005	2.64029799	2.93732829
1.4252122	1.37901821	1.78800554	1.00E-04	0.49010144	0.84505974	0.59631741
2.5846273	1.88622353	2.13908456	3.75537736	3.68829811	3.47426935	3.36788788
0.23561802	0.0914977	0.17011954	1.00E-04	0.4408541	0.36492235	0.52440047
3.823378	3.82062246	4.16040874	2.80972628	2.80078865	3.61374804	3.64467868
0.79565751	0.77722933	0.90249815	1.00E-04	0.33552738	0.44674523	1.00E-04
3.53857801	3.26658179	3.33605187	0.6202415	1.56580211	1.48179624	0.68218155
0.06096184	0.01205511	0.03064502	1.00E-04	1.00E-04	0.20214247	0.50710655
0.91099674	1.00691702	1.18885601	0.38025666	0.83737122	0.81717852	0.5206187
0.18339515	0.03877657	0.04060321	0.2963985	0.72329356	0.12331437	0.22918438
0.34631253	0.06873859	0.06717441	0.41868133	0.22158848	0.03708484	1.00E-04
0.23819655	0.22891067	0.43799153	0.79319596	0.38558899	0.36327284	0.63466806
4.51910739	3.9189584	4.11777375	4.46136783	4.81989662	4.67189832	4.79141424
4.83848007	4.52780462	4.60714399	4.71230198	4.91472021	4.95613745	4.97963947
2.28694832	2.15726921	1.45827761	0.32596692	0.47614374	0.93449728	0.56694469

1.87621787	1.77638376	1.48079928	0.50411808	1.33274656	1.04400827	1.15886344
0.06489811	0.0386511	0.00764637	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.29476004	2.6857434	2.90078924	3.59073228	3.72157066	3.48280375	3.86171901
0.97457434	0.48461066	0.76664693	1.5694204	1.56606107	1.57109146	1.48343679
2.51300538	2.26483515	2.40985268	2.83178864	2.95957474	2.82014244	2.81813497
1.00E-04	1.00E-04	0.01083346	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07273747	1.35565827	1.51019973	1.00E-04	0.43400745	0.69083714	0.68297307
3.43098684	3.19835139	3.339575	3.85693326	4.05695767	3.84483522	4.1310544
3.18555769	2.59086565	2.36115461	1.1035775	1.78310995	1.53811754	1.3373188
3.94433644	4.43340788	4.34537683	3.64802833	3.57439709	3.9437619	3.97369347
0.58441838	0.52810096	0.61993225	0.46820132	1.2994207	0.85412926	1.09217703
3.96660018	3.94767788	4.09117459	4.01436869	4.33263131	4.41676655	4.43332261
3.11017812	3.2229163	3.33233986	3.06367763	3.35502589	3.33654799	3.64584246
4.48849374	4.62008746	4.54659899	3.06354904	3.58107225	3.81956529	3.81013309
5.08038051	4.75171057	4.86766955	5.02747467	5.30259096	5.26393316	5.28879237
1.00E-04	0.2002945	0.37082914	0.34283013	0.10597666	0.11671788	0.24506016
5.64958427	5.41256718	5.4527989	5.07848461	5.43855722	5.40933297	5.45265776
3.52993907	3.50352686	3.59181755	1.29227032	1.03008453	1.73391505	1.35346009
4.2663659	3.97785279	4.01210392	2.77614728	3.289217	3.25198651	3.60117916
4.8460683	4.28212173	4.39514028	5.24231516	5.43339534	5.59079402	5.53228686
3.26183406	3.51384008	3.4753368	2.37635407	2.82887973	3.07730433	3.10904935
0.27129726	0.23212528	0.31034674	2.76919216	2.73898175	2.80391421	2.96405277
4.31842455	4.64794352	4.71529273	1.86405802	2.6170235	3.62137305	3.9615453
5.0219246	4.71400342	4.85734556	4.97582863	5.31367482	5.32520006	5.35057515
2.43042818	2.23452228	2.43698612	2.80984351	3.18739517	2.97465287	3.0733398
3.44603133	4.01531322	3.79454173	2.87663289	3.50535592	3.86694698	3.70110021
4.64492289	4.05554659	4.20308245	4.56840275	4.78963907	4.73296911	4.86387258
5.93255324	5.15764975	5.29759908	6.855383	7.05582093	7.02255857	7.17811148
1.97206857	2.43318027	2.38970529	1.39195512	1.0120135	1.6002855	1.39125754
2.77022996	2.59754806	2.7391506	2.54857134	2.75358277	2.80211344	2.96367447
2.42943954	2.44217811	2.53491933	2.72114536	2.48207028	2.99416379	3.26400971
2.55145536	2.49732661	2.5039517	1.80400093	2.59356025	2.72512165	2.60690667
2.56052684	2.31234989	2.45308208	2.39016672	2.59285318	2.6387226	2.77024086
3.69629965	3.75742514	3.83728773	3.84219885	4.16109412	4.18177357	4.26536379
5.85042433	6.08984136	6.0393188	3.85854146	4.30162365	4.69266716	4.66815025
3.30122753	4.06624452	4.14431595	3.2907764	3.44164549	4.27282003	4.36861615
0.36083137	0.36710898	0.40616483	0.12407158	0.71423422	0.67695781	0.59291981
0.95367946	0.79190553	0.8917328	1.4749968	1.67820242	1.55244954	1.44696757
6.39052875	7.40928617	7.32009188	4.27866474	4.73339469	5.90895607	6.06842779
2.00245017	2.09846308	2.10107052	1.885057	2.32536236	2.36640879	2.59150245
2.98469353	2.91945145	3.0172632	3.30450359	3.39538451	3.62729108	3.73362245
2.16345726	1.80229653	1.97508121	2.68979749	2.90451831	2.87330032	2.98976429
4.15195985	4.11642377	4.16149031	3.96429927	4.30391724	4.44703552	4.64260002

0.10246973	0.01225693	1.00E-04	1.00E-04	0.09059586	1.00E-04	1.00E-04
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4.23240886	4.01434712	4.03770368	4.14716195	4.32159138	4.30181609	4.43828049
2.0540431	2.04555321	2.26760446	0.87487324	1.1141343	1.21918888	1.13727344
0.69041754	0.61796885	0.77223095	0.51335573	0.49424677	0.68339365	0.49098904
0.13233867	0.19874979	0.09610764	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.73022975	2.67212273	2.63492591	2.73721319	3.15780385	3.42765663	3.36988337
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3.71824549	3.05920243	3.2313902	3.97805235	4.58513433	4.26373981	4.16877197
3.2404049	2.60917373	2.80149886	3.05327126	3.74130798	3.28880459	3.15620154
1.38451682	1.29188459	1.42031301	1.06679602	1.42602838	1.79797476	1.78798134
0.14888748	0.26225597	0.29141748	0.32685159	0.5596881	0.48323979	0.19251493
0.69422027	0.70428216	0.8803763	0.72781648	0.90074612	0.66854674	1.07163802
2.22229681	2.24222964	2.42518246	2.72563984	3.10663158	3.08088023	3.02520958
5.38610924	4.98555107	5.0386145	5.01549799	5.38473586	5.33380674	5.304536
0.06806538	0.06909734	0.06803121	0.42935359	0.15919894	1.00E-04	0.10372207
1.00E-04	1.00E-04	0.03047131	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.13161182	2.45362464	2.71661173	3.80144301	3.91207876	3.3003638	3.11669784
0.23538734	0.20753588	0.66326656	1.00E-04	0.44655642	0.4369337	0.2070226
0.01964301	0.00527589	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11672537
5.64677794	5.14669493	5.02372852	4.15516195	4.62375113	4.44744048	4.52823669
4.04112615	3.75426796	3.91719922	3.1279401	3.24209906	3.40960444	3.66652142
4.45794455	4.60688588	4.59874713	3.83220117	4.09018103	4.31540648	4.35275126
4.82634815	4.05642941	4.2207077	5.02240665	5.39819996	5.24941074	5.27710243
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4.29755821	3.59975644	3.75518137	4.85873246	5.09189655	4.96803096	4.99413341
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4.79873854	4.59882249	4.5866427	4.97930719	5.18621017	5.13997135	5.18544592
0.30605801	0.16217744	0.28365589	1.30662353	0.57178783	0.58873447	0.87808881
3.26996427	3.629384	3.59134279	1.32549365	2.32321934	2.66530077	2.97084136
2.34215506	2.14094151	2.95866298	0.49744244	1.65458839	2.00078207	1.38327288
1.80985953	2.30798667	2.78598537	1.00E-04	0.20853035	0.55163317	0.20183617
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14846378
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3.83090555	4.20040593	4.13274868	1.81048636	2.47399497	2.80158381	3.01417538
2.92199524	2.40820792	2.53046561	3.37002733	3.4237685	3.25735131	3.32374977

2.11320863	1.06394992	1.16027009	0.13898135	1.05898865	0.77071951	1.02028241
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2.41247888	2.84452144	2.84689245	0.78082735	1.33079242	2.07349818	1.91911346
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0.76810738	0.30197261	0.25350347	1.52902071	1.69139644	1.08629001	1.12200537
4.11915746	3.43567115	3.62146376	4.48365507	5.04005597	4.05317155	4.32007932
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2.89731133	3.14601252	3.17168162	1.48608142	1.61968315	2.04579033	1.95961121
3.15937616	3.29170406	3.20304527	2.17495424	2.60579706	2.64372444	2.90104785
6.51996411	5.98295103	6.04761847	5.80033195	6.10234677	5.99640922	5.91178299
5.54232662	4.77429781	4.79750123	5.50989126	5.53008748	5.4611732	5.68036593
0.14112105	0.04046748	0.04089621	1.00E-04	0.09827728	0.16429942	0.15595047
0.33555979	0.26118498	0.37531989	1.00E-04	0.52894519	0.19098079	0.64792992
0.31736092	0.15364159	0.2807103	0.15388571	1.16393857	0.06613592	1.01641435
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1.3237522	0.86598751	1.0969599	1.02773275	1.87861474	1.57526265	1.43764694
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2.16296868	1.82949821	2.34689175	0.53186511	0.31689711	0.19651334	0.46202798
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0.60274771	0.1987701	0.28428243	2.14228052	1.93544149	1.17871984	1.68592129
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1.5382555	1.29961707	1.66421199	0.47731215	0.57233712	0.64272696	1.0969266
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0.50023973	0.21266813	0.13563978	0.28932985	1.01999686	0.31952302	0.64731243
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3.88318918	4.41618832	4.36514556	1.54675581	1.80120778	2.55118725	2.38172734
4.15958581	4.24858503	4.24600211	3.63767572	4.1178512	4.11568226	4.3031583
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1.92892897	1.25115957	1.39094693	1.93140522	2.93949649	3.14478948	2.98018037
0.0593779	0.01886894	0.01369145	0.23878848	0.31983524	0.13123948	0.07473571
4.97043116	4.42978359	4.78746427	4.61100521	4.97131869	5.07826067	5.05597701
4.61611878	4.19097848	4.33811605	5.24468519	5.50148731	5.35640064	5.20346267
2.70307192	2.31427726	2.52995658	2.86158387	3.04628822	3.05898761	3.14948909
3.42057342	3.58266937	3.60486408	3.34659486	3.61347876	3.67710793	3.59014176
2.94202144	2.81947358	2.9214671	3.27027608	3.7519752	3.65744592	3.77016021
4.15731599	4.30052789	4.24014823	4.66131683	4.60740818	4.5230141	4.60233248
3.36763157	3.28050326	3.38595452	3.51696352	3.74343825	3.85498154	3.87737695
3.47960913	2.9676603	3.08921856	2.78935085	3.27571623	3.21511405	2.90749485
0.01792537	0.02368169	0.07607829	1.00E-04	1.00E-04	0.04628118	1.00E-04
1.33309954	1.3744234	1.43931606	1.22271208	1.12530569	1.03823933	1.39224761
3.45024304	3.39970226	3.51434068	2.91898873	3.46755033	3.52278181	3.6870453
3.55668176	4.00295219	3.92648928	2.7003508	2.85358915	3.10929891	3.27713411
1.81668195	1.48132775	1.91877383	2.42465144	1.99687634	1.98693232	1.79802824
3.75545308	2.80015667	2.71330417	2.52069054	3.15229272	2.45027044	2.41538942
1.20835884	0.71540609	0.73576808	1.44431756	1.65218249	0.77622083	1.00737942
3.78092273	4.41186038	4.26666984	2.02019265	2.47462789	3.24459547	3.25886844
3.17694769	2.54555051	2.64942895	3.13389686	3.18008382	3.21864155	3.07647202
3.32317968	2.92636567	3.19494675	4.33483562	4.71535734	4.40285426	4.52756378

3.86380665	3.66454487	3.87246349	4.87650382	5.08758534	5.23875131	5.26744082
3.14335954	2.92511258	3.12584156	3.56738652	3.86410216	3.6916639	3.87640361
0.36903158	0.14266877	0.13309242	1.00E-04	0.1216408	0.59489446	0.71754823
3.14618418	3.06673392	3.23103395	3.80841759	4.02085428	3.98328957	4.08722154
2.1927708	2.21185784	2.31847695	2.36821214	2.50619523	2.5384504	2.82303283
2.80326734	2.45609698	2.62270371	3.60354608	3.59159474	3.68666028	3.68419926
1.92250253	2.000626	2.08626473	0.87944066	0.77722399	1.31523625	1.59716045
4.3412461	4.28242909	4.13264312	3.89885977	4.21243143	4.16140025	4.01081632
2.99871609	2.98458349	3.06644642	2.57799271	2.91797511	2.98051369	3.13545404
4.02662364	3.53404387	3.56021734	4.11795675	4.20450886	3.9408311	3.97146021
0.37075202	0.26747489	0.30014093	2.24055705	2.32621753	2.78683307	2.77873051
3.61639845	3.60312422	3.63005588	2.37048905	3.04090016	3.1561327	3.1803797
3.89960787	3.77017204	3.84936644	3.69406258	4.18893206	4.14477541	4.12622757
0.5481601	0.2855983	0.27178995	1.00E-04	0.23699096	0.24319058	0.43674018
5.04446319	4.77497346	4.77332845	4.99736332	5.26772704	5.18571616	5.27982509
4.80826021	4.49467709	4.56997612	5.24860883	5.46221773	5.50002113	5.50108976
4.19013259	3.95344244	4.07079659	4.50780055	4.9044354	4.84897976	4.9203339
3.44966937	3.39238363	3.45779988	2.95420089	3.42426495	3.42140748	3.4948793
4.76581225	5.40009176	5.37853994	3.50963457	3.8227372	4.25326851	4.30572364
4.76017871	4.17417796	4.38229389	5.44833989	5.59712519	5.46426141	5.5194988
3.53917574	3.46217719	3.47886804	3.45427502	3.86021949	3.85000618	3.72458224
1.60502611	1.47419499	1.53954281	2.71885308	2.42329279	2.78523625	2.80482289
5.38648713	5.48123971	5.37363916	5.29014318	5.59016215	5.69420284	5.69681672
3.77353637	3.49225859	3.5956967	3.96878075	4.18196909	4.16926289	4.12968566
3.25328394	3.43851549	3.31035312	1.74976698	2.35132781	2.62427289	2.59078526
3.40400825	3.22074337	3.38123216	2.71651238	3.12452995	3.24762749	3.29719088
1.16657034	0.38311608	0.31021868	0.78063332	1.12202895	0.91152136	1.03715307
1.75434892	1.82982467	1.94242906	1.74976891	1.75821295	1.87094088	2.37379509
0.61659334	0.66785673	0.54707234	0.36637192	0.87635365	0.6561321	0.18331421
6.71954941	6.0312398	6.07006263	3.40806584	3.60707716	3.46891541	3.59166088
2.02836769	2.16015958	2.12854564	1.77713197	1.73332086	2.11526	2.40204134
4.45218549	3.96683732	4.20235764	4.84287908	5.11951063	5.04122679	5.09576019
5.21917784	4.64204231	4.69031506	5.34394168	5.54282764	5.43245493	5.42711524
2.91191753	2.98192681	3.00343823	2.38508149	2.69062523	2.830302	2.9338336
4.1696643	4.48568354	4.44991859	2.51372989	2.96256648	3.41150424	3.41745483
5.81520938	5.28193571	5.40729749	6.05417772	6.215199	6.07689871	6.06823928
2.91551459	2.13914132	2.51041536	1.95486704	2.75377904	2.9076623	3.07134197
1.52826574	0.51121083	0.85961397	2.16759418	2.61837605	1.66378332	2.46992663
3.95897439	4.11737693	4.13548627	4.26767748	4.70048687	4.64819973	4.73388907
2.62166268	3.05553767	2.96154874	1.67239608	2.00112943	2.19960167	2.35330967
2.66814667	2.72872829	2.67101705	1.57990037	2.12423462	2.17027383	2.3913131
0.15367375	0.03369921	0.16964308	1.00E-04	0.12896243	1.00E-04	1.00E-04
1.00E-04	0.00569905	1.00E-04	1.00E-04	1.00E-04	0.31180381	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09252419	2.02248662	2.28227808	0.58019373	1.46686907	1.67395388	0.94304734
1.00E-04	1.00E-04	0.03760135	1.00E-04	1.00E-04	0.03706755	1.00E-04
0.33600892	0.32454701	0.29341164	0.62981318	0.5191103	0.42345679	0.42447805
6.27630304	5.43466982	5.94893089	6.01398699	6.36592837	6.08917818	6.19323024
0.1410625	0.07761504	0.11892218	1.00E-04	0.77456613	0.47206922	0.39415884
4.78484483	4.07540171	4.31414516	5.85102586	4.60367936	4.16288324	4.23184985
0.19579698	0.06626543	0.09837001	1.00E-04	1.00E-04	0.12613465	0.38999816
3.23653065	2.54527088	2.77907178	3.49937229	3.56402019	3.51179835	3.54379097
5.28426483	5.30305193	5.29813163	3.6571596	4.12034948	4.33841492	4.34256863
4.82737157	4.36464977	4.59037202	4.91275812	5.13854579	5.18427243	5.13265327
3.89000776	3.67508614	3.80909663	4.18413597	4.4293836	4.61400364	4.89290494
3.78116145	3.37674901	3.30160506	2.97329193	3.17063241	3.0159547	2.89921876
0.72901679	0.6610679	0.66998319	2.285866	2.02757698	1.95810203	1.36585676
2.34160002	2.09797498	2.45915581	4.30624225	4.42494989	4.28342569	4.76954575
2.79069949	2.73485946	2.88238902	3.84672383	4.01866338	3.92629808	4.20333735
3.13042201	2.84967089	3.19974725	2.87529751	3.13713206	3.26105196	3.32628438
2.81638474	3.20007209	3.17673681	2.60235016	2.89080962	3.18960064	3.43755415
2.76600845	2.77652602	2.97351213	3.12107094	3.42018244	3.2079241	3.35194155
4.01018117	3.82432445	4.04336754	3.07720495	3.51477442	3.34390488	3.48530128
0.47006998	0.69149642	0.56978835	0.21283837	0.28102542	0.54941757	0.85545272
2.51765482	2.70102036	2.69971161	0.86589103	1.88799238	2.13109915	2.30167515
3.55614433	3.30589331	3.46793038	4.262062	4.36681213	4.35433995	4.35303777
3.62863251	3.81307013	3.74598415	3.17764538	3.49730204	3.43969659	3.37510112
2.43210295	2.38556087	2.36492553	1.67072829	1.94209744	2.32063724	2.4235742
2.54615881	2.51181856	2.63625433	2.04462696	2.40817821	2.57417925	2.74833976
0.74632051	0.58360657	0.67065699	0.38728307	1.12695776	0.79599824	0.82369289
5.10239847	4.62501569	4.70283226	4.71136656	4.97877495	4.86622271	4.75935552
0.95317076	0.87365943	0.92391453	1.46224861	1.84863598	2.46383264	1.96260481
3.90055651	3.66519784	3.81675924	4.5279712	4.85205824	4.85892052	4.89814505
3.58953568	2.736698	3.44692896	5.13620229	5.05933769	5.17216646	5.22030935
2.61599114	1.85811319	1.90379125	1.55336342	1.46158099	1.21499894	1.24136848
1.00E-04	0.00709483	0.00547603	1.00E-04	1.00E-04	0.33354562	0.08311011
1.45035324	1.11126026	1.19085655	1.98421006	1.81975307	1.75374939	1.73619291
1.93270365	2.07952038	2.08490685	2.28216706	2.10532616	2.5753321	2.94603513
0.23921633	0.33155438	0.3513962	0.51707034	0.32423619	0.05081725	0.41498835
0.8876165	1.0483389	1.16509665	0.65768293	0.92743015	1.04931688	1.12808921
2.69864186	2.91176233	2.89004654	1.62692586	1.88975944	2.2836963	2.53431128
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.04121127	1.00E-04
1.11266755	1.22564762	1.3167918	1.07725237	1.49980552	1.55780837	1.80515637
1.00E-04	0.01482715	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03780102	0.0476431	0.05035931	0.07865641	0.63433309	0.87433362	1.45849646
4.66668959	4.61723507	4.5731537	3.7205486	4.12312902	4.14357768	4.16712385

2.71397566	2.02831918	2.11990294	0.81699611	2.15023197	2.29265597	2.53695082
1.05352602	0.71375244	0.81091289	1.02587464	1.36207601	1.18920554	1.18509085
1.15213248	0.67713967	0.91174606	1.71218312	2.09243199	1.99061274	2.26284245
3.4704605	3.51520993	3.51811155	2.99392342	3.22768381	3.3426379	3.49260409
0.57101118	1.0109693	1.16106786	0.36291579	0.27808583	0.40954086	0.31749658
1.78353235	1.69120913	1.92874158	1.79700492	2.1621818	2.06703552	2.14703459
0.95195393	0.4478127	0.66824962	1.86539206	1.50083439	1.431565	1.91858088
0.25376801	0.2057922	0.26147391	0.40256768	0.24449748	0.65250293	0.96330057
0.43070599	0.3116335	0.35965976	0.92378266	0.88045472	1.07012181	0.76144583
5.27390973	4.92019129	5.04217751	4.7094867	4.91731304	4.89949639	5.02654361
2.21742263	2.21538572	2.42561768	0.56861366	0.93436324	1.08046052	1.48366512
4.47479197	4.45132999	4.69482289	4.02245394	4.38540283	4.56917054	4.63272779
0.66355543	0.63158204	0.76537791	1.00E-04	0.19248428	0.1239985	0.76854739
5.89564962	5.88965826	5.55356951	4.64058428	4.80579498	4.94227618	4.80907339
3.19033124	2.95957637	3.08382256	2.7876585	3.25209699	3.2189923	3.42405729
4.3084869	3.6991233	3.59885257	3.24107112	3.76478436	3.27698206	3.32611658
4.59484676	3.9121478	4.1299638	5.2677186	5.54080046	5.47280237	5.38554921
3.78540595	3.92889625	4.06298639	4.1352659	4.25461551	4.4698684	4.38540038
1.58686954	1.38066844	1.41848534	1.56591735	1.7641031	1.74459476	2.13158731
0.51989982	0.665193	0.60024733	0.52393979	0.70101334	0.81247671	0.84399761
3.81069847	3.96928703	3.97328297	2.49257398	2.74506023	2.64638852	2.56244837
1.00E-04	0.01226368	0.01561887	1.00E-04	1.00E-04	0.31477421	1.00E-04
0.5163342	0.32013661	0.17856301	0.15304882	0.4737082	0.43478546	0.7490088
1.00E-04	1.00E-04	0.00418628	1.00E-04	1.00E-04	0.07022612	1.00E-04
4.14558194	4.40952103	4.38325766	2.07165298	1.89539179	2.66443541	2.41903526
0.26328201	0.1739423	0.11152956	1.00E-04	0.44439242	0.53614927	0.13211218
3.01926419	3.4468391	3.30947589	0.69254167	1.42774574	1.71827091	1.80559542
3.97556777	3.32027854	3.55063208	4.87905994	5.1250247	4.9448945	5.01350918
2.21267008	1.71351994	2.02737318	0.50924197	1.17044615	0.83629404	1.10581737
4.55428024	4.90481831	4.96175455	3.43778671	3.60807913	4.06574787	4.07270553
5.74438727	5.0760748	5.26292548	6.03227417	6.26745241	5.99747455	6.16837918
0.35025956	0.17375374	0.27412655	0.4289519	0.65945728	0.34893747	0.28303308
1.00E-04	0.04788544	0.12405582	1.00E-04	1.00E-04	0.08956264	1.00E-04
3.74027201	3.48354641	3.66860789	5.71847414	5.70115879	5.55800739	5.81206441
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.11212581	4.19778088	4.19244143	4.18501269	4.23377089	4.37726083	4.3018752
0.13803792	0.12539925	0.11200164	1.00E-04	1.00E-04	0.15257246	1.00E-04
7.56747414	8.67723444	8.3926328	5.30205698	5.00749492	6.60258696	6.13707651
1.00E-04	1.00E-04	0.00625837	0.29478777	1.00E-04	1.00E-04	0.06852756
0.8313298	0.66325547	0.79524194	4.77846752	4.79606085	4.78726047	4.93139263
3.31459574	3.50575732	3.45846208	2.05696407	2.30015096	2.7702693	2.91824703
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2.81074006	2.61913726	2.7294715	2.56646354	2.83675936	2.81756201	2.78220645

3.93768504	3.45626716	3.63665761	4.30454777	4.42800493	4.45181345	4.48010241
4.92238086	4.28198115	4.23736607	5.69471065	5.99829517	5.87736872	5.85256482
4.60696006	4.95768604	4.99077232	2.1967208	2.92086559	3.61780274	3.76839137
2.79829137	2.34954916	2.53279897	3.05264058	3.41570781	3.13477979	3.03179613
3.63864121	4.0217129	4.03271814	3.20340879	3.50722117	3.99981468	4.17047859
2.41076649	2.68033505	2.68090297	2.47869686	2.51471505	2.70694824	2.7995556
1.5570003	1.20175107	1.52767665	0.76367584	1.29927235	1.40548396	1.69320074
3.92910306	3.81959087	3.96066149	4.21603472	4.47950323	4.50596375	4.49762578
2.1793779	2.26402764	2.29771622	1.59503216	2.15156682	1.92494397	1.92745782
2.68688413	2.1424906	2.3523775	3.11814162	3.54735769	3.44181907	3.49384869
1.97464142	2.05992756	2.17105769	2.03671036	2.65793237	2.91035922	2.85796097
1.91647488	1.73727386	1.99860226	1.36991437	2.20770816	2.53549093	2.54796989
0.75071595	0.85497046	1.00952418	0.72987983	0.68618568	0.81647189	1.02500941
4.11813026	3.88093853	3.66857012	4.84286175	5.02801558	4.91097992	5.00909777
3.38544396	3.50901917	3.5192964	1.76314149	2.45248153	2.85903359	2.62750447
0.27002335	0.16149125	0.22189911	1.00E-04	0.5008587	0.14587986	0.27271902
0.7118107	0.36130993	0.53587733	1.7400401	2.49435538	2.47036216	1.95657284
2.86664464	3.07250344	3.01623876	1.17044542	2.00242615	2.34765072	2.25280958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02015042	0.00544195	1.00E-04	1.00E-04	0.09457266	0.06198368
2.58098195	2.37420808	2.57014444	2.41319261	2.77118755	2.8638474	2.79981681
4.66397458	3.8427023	4.21844804	4.77882968	4.73867975	4.80807479	4.9100082
0.33209597	0.46644574	0.11604872	0.35145749	0.77421744	0.62997486	0.66855533
2.74549062	2.36760172	2.53902953	3.82233994	4.15098259	3.94112688	4.11229182
3.10839027	3.07490539	3.17778171	3.4613756	3.68482976	3.70048714	3.79979479
5.31341345	4.79637684	4.77324647	4.24311421	4.31446282	3.90033406	4.18877715
4.96560455	4.03712353	4.35895752	5.84950719	6.1089757	6.00552285	6.03180804
0.25516082	0.30048322	0.28348129	0.64688513	0.90630089	1.2562484	1.57949798
2.39754993	2.42552869	2.62158495	1.83773682	1.78771499	2.07536663	2.23449074
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.28705181	3.85582086	3.97783069	5.38632987	5.57071006	5.80851692	5.61214675
0.20695495	0.29871568	0.13634931	1.45736543	1.17776389	1.38115406	1.53253984
2.89603617	2.90966658	2.9756424	0.96119466	1.69503543	2.07274198	2.20918251
1.59055666	1.44251409	1.54117063	1.23555426	1.38840276	1.43550086	2.0184939
5.89337775	5.57797144	5.6867967	4.83850191	4.95526709	4.91692824	4.89162062
4.35138597	2.91941563	3.27641326	1.57525414	2.24002927	1.98029097	2.02186754
4.80715425	4.78584111	4.83268766	3.31742715	3.88579721	4.12552193	4.39132517
3.208726	2.95950439	2.95049347	0.85130371	1.01310494	1.18157622	1.01623975
0.14117289	0.01069945	0.01932202	1.23760627	0.66435236	0.97201833	1.24161277
1.5372491	1.25236843	1.63134355	1.85715742	2.06014266	1.49431857	1.88124421
0.33982865	0.12193704	0.14695703	1.00E-04	0.06044769	1.00E-04	0.14986843
1.01923256	1.02397999	1.05425563	1.11842169	1.0587938	1.06120379	0.90807691
0.02704895	0.06153993	0.0399432	1.00E-04	1.00E-04	1.00E-04	0.10314609

3.79550557	3.49093791	3.3859032	3.5337037	3.35117483	3.08503689	3.2523482
3.44698494	4.1190884	4.34416935	2.4377902	2.35182904	2.94467699	2.73232081
0.45951652	0.17119295	0.21803181	0.80151873	0.74600146	0.51349579	0.62104014
3.59487003	3.27908811	3.77168606	1.75971158	2.19495348	1.81491139	2.43170248
0.23905893	0.12637393	0.23779988	1.00E-04	1.00E-04	0.28656175	0.17411707
2.70355392	3.07323365	3.15189946	2.80232806	3.09764543	3.18041333	3.45811828
1.60529484	1.48234677	1.70749997	2.74506192	4.13114121	3.53464942	3.38147622
0.88792367	0.9505936	0.97575678	0.78715882	0.47675926	0.6887777	0.89950646
3.39213012	3.52375298	3.69155734	0.63595428	1.07877473	1.42076425	1.72544421
4.59651909	5.05249994	4.94518152	2.58616835	3.06646822	3.51814923	3.5112432
4.46703829	4.11325875	4.08600147	2.14492776	2.5113076	2.52504956	2.32732642
0.84897376	0.64057628	0.70242531	0.83939855	1.7597511	1.82708955	1.42764301
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09325955	0.77791971	0.83368365	1.20502206	1.89115989	1.6045105	1.95188339
1.55909307	1.59336729	1.64159847	3.70894871	3.74704903	3.83972377	3.74032394
1.00E-04	1.00E-04	0.01178683	1.00E-04	1.00E-04	0.05770253	1.00E-04
1.43378443	0.40756854	1.01726732	1.8535196	1.49318474	1.71126284	2.09333431
4.18893137	3.5956721	4.5077044	2.57795213	2.27073416	1.61380986	2.08928069
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.02824171	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49342735	0.73076897	1.01048787	4.73444305	4.93530438	5.07612159	4.77168752
0.07237222	0.08093334	0.11671459	1.00E-04	0.10151097	0.23047309	0.19795293
0.25881883	0.16281262	0.08843631	1.00E-04	1.00E-04	1.00E-04	0.13816747
0.08863833	0.12086846	0.23710081	1.00E-04	0.08608632	0.11834808	0.26161753
3.69881769	3.13770099	3.33489522	3.9145015	4.3291333	4.07735014	4.21986247
3.67488159	4.04683807	4.08975121	2.45871455	2.88894876	2.97740554	3.1304618
2.82251366	2.43140521	2.57284692	0.85808908	1.72487237	1.88854599	1.75245409
0.03390002	0.0571	0.05913956	0.54414134	0.40590658	0.153824	0.24664389
3.7936469	3.60566461	3.36323533	2.84444365	3.05651373	3.27829994	3.08548528
0.09430454	0.08887328	0.13894432	0.87924094	0.40004808	0.58100326	0.58996031
1.1518716	0.9891663	1.22442565	1.10716233	1.36712049	1.47935192	1.60836018
0.47460956	0.09444829	0.26093818	2.06440078	2.12615159	1.90321197	1.89672694
0.0303348	0.0585752	0.00705718	0.25816404	0.10553324	0.15455728	0.16839326
1.06227477	0.49070747	0.81690451	1.10174463	1.75636414	2.12739807	2.40369961
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10625154
5.2275751	5.22261908	5.05655258	4.50062289	4.85475709	4.85053553	4.91704796
0.66133822	0.84058895	0.90713513	0.99692121	1.03201355	1.02393147	0.97832244
2.83784035	3.51272006	3.04916968	0.28154572	1.20492412	1.79637928	1.04152949
2.43458435	2.61801435	2.66166303	1.96888587	2.12142538	2.60656822	2.53270714
1.00E-04	0.00811262	0.01765962	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.72741563	5.90207491	5.97874956	4.74877303	5.13555995	5.33160877	5.49118992
3.58276171	3.58215385	3.37621194	1.23155334	1.94443494	2.11381401	2.17246328
1.87463181	1.60616467	2.01001546	1.35483417	1.1704896	1.38852909	1.86464267

1.97814632	1.97509043	1.79778015	1.225135	1.05644358	0.93837021	1.3270093
2.85239198	2.78238975	3.03263116	2.38996539	2.25459882	2.65356047	3.03914684
2.27094052	2.48862387	2.49443104	1.08002848	1.18355261	1.66890833	1.70224396
0.41158026	0.29481921	0.30844858	0.2963985	0.65277422	0.1688225	0.57776459
1.41939998	1.29352616	1.33712864	3.6177686	3.61096231	3.6212377	3.64620341
4.13589491	4.57414455	4.53703423	2.25679165	3.04391439	3.30333166	3.45722169
5.0040151	4.69900483	4.66745663	5.609773	5.8693414	5.89336603	6.04370144
0.75068552	0.52994302	0.68203831	0.38398955	0.13817553	0.62136044	0.52110533
4.44508922	4.305463	4.31901788	2.73472046	3.1362322	3.19580577	3.19125128
3.70930319	3.33458022	3.47501994	4.04439226	4.32664093	4.22180994	4.26920671
2.93874146	2.84240901	2.92347824	2.72976781	3.42176957	3.21946153	3.36752435
2.91012014	2.07594243	1.82255807	1.26027081	1.57603433	1.70139532	1.91927614
0.09775193	0.04795136	0.11686447	1.00E-04	0.25380147	0.24460364	0.17700659
2.13128957	1.72632946	1.86531318	2.11406599	2.26530888	2.02305083	2.2349874
0.59639882	0.51820627	0.60374992	1.00E-04	0.61814201	1.02545553	1.18650649
0.39204432	0.2493509	0.28298814	1.00E-04	0.11210008	0.33613311	0.1667364
1.06366227	0.61817232	0.76874771	0.70385406	1.3791427	1.36260306	1.32540329
1.02686601	0.92447017	0.88371704	1.00720265	1.07176613	1.62247506	1.55929595
0.55849289	1.01920148	1.34885839	1.00E-04	1.02555273	0.82242584	0.87002349
4.46015683	3.87993544	3.97996743	4.46514475	5.00911666	5.01713736	4.83790184
0.43090364	0.09171227	0.21713903	2.18029722	2.54166804	3.00390909	3.20735958
2.28275512	2.38642338	2.41216978	2.31796916	2.77954085	2.79166485	2.80229542
3.86599177	3.14445804	3.3218779	4.13906095	4.63914834	4.24576233	4.24939495
5.09312376	4.11714334	4.36380499	5.7421326	5.87075118	5.95150276	5.858902
2.92379315	3.11919332	3.10349464	1.86106265	2.10987876	2.18642939	2.27664803
4.10390566	3.7112527	3.86160251	4.55226202	4.8113894	4.71780176	4.72117359
0.40781899	0.52569862	0.43721316	0.42572561	1.10549685	1.53752715	0.87363592
1.73850639	1.92713958	1.77805696	1.02345039	0.13704557	0.8463267	0.99071438
3.65352284	3.38006801	3.59287425	2.95979206	3.29144563	2.99082313	3.04727225
5.38478038	5.11174214	4.87476514	3.17890718	3.85753093	3.86566804	3.83498565
0.75417081	0.50253502	0.58437418	1.04865098	0.58306247	0.69470095	0.92368678
0.17075429	0.04912668	0.07012168	0.94622946	0.3042619	0.27009924	0.37311066
2.55733729	2.10438079	2.57979133	1.58381253	1.51449947	1.37094225	1.73028873
0.2106796	0.18455269	0.09519583	0.60765015	0.86029887	0.62508019	0.25270607
0.35835893	0.32481029	0.28360726	0.82405003	0.69060214	0.39257344	0.75346952
0.486119	0.13178855	0.30151971	0.53215281	0.70516651	0.47400806	0.89462154
1.00E-04	0.00536087	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16276652	0.61794327	0.8587463	1.00E-04	0.19094124	0.28810369	1.00E-04
4.33677129	3.19510554	3.58504804	1.52126374	2.66471024	2.1859789	2.33569831
4.95613879	4.68012109	4.81914428	4.16374142	4.21906263	4.24342469	4.23798356
3.09504791	3.06531357	3.0632965	1.98582864	2.34893219	2.68666345	2.92819846
1.12611699	1.11086931	1.244321	2.26537338	2.16897094	2.36471938	2.50876564
2.90842862	2.608929	2.85657966	3.19970853	3.71096937	3.76862074	3.85984755

3.51274689	3.55832954	3.59976283	2.9869303	3.38604357	3.35363119	3.48092377
2.88370069	3.06257242	2.99875098	2.40555187	2.3406248	2.63163346	2.64427216
4.30973694	4.2857287	4.30359641	3.89026251	4.21798111	4.36642498	4.53350102
1.76832492	1.93913357	1.99466649	1.99931401	1.87423146	2.03023085	2.39259871
3.10109476	2.97970307	3.15647853	3.17070622	3.22755741	3.33190182	3.42857875
4.29158864	3.70616317	3.8825207	3.87520482	4.22357112	3.9641136	4.01006523
5.16912784	5.00106015	4.3176458	2.5882092	2.93988152	3.06031577	3.02631776
2.3699415	2.32000527	2.37612509	1.45658014	2.08227644	2.17600235	2.27521269
0.09211633	0.04203598	0.09866981	1.00E-04	0.47125611	0.22349633	0.22898332
2.35801473	2.43112939	2.56347558	1.38869494	1.96476812	1.85995841	2.18346445
3.73594208	3.34129354	3.57808185	6.91102421	7.07089282	6.97846414	7.18366593
2.4090722	1.55463896	1.76410488	1.52951878	2.52410602	2.53046381	2.36752207
1.00E-04	1.00E-04	0.01605214	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10033452	0.04421398	0.06113028	0.28215476	1.00E-04	0.24965406	1.00E-04
3.19940573	3.01441859	3.18706855	2.57800464	2.77386537	2.72682341	3.00662118
0.30690565	0.23818257	0.26594833	0.44417831	0.31801784	0.72581846	0.87969565
1.40493236	1.53383295	1.59679412	1.14732273	1.79543605	1.82051905	1.75735023
1.63048827	1.14471112	1.11670849	0.18958861	0.53570752	0.53151584	0.6024439
4.66158227	4.06224111	4.20022718	4.95414356	5.27618743	5.2505662	5.11802512
3.92633249	3.77685843	3.89378045	3.60979179	3.90549733	4.05972409	3.96241663
0.38736968	0.49009879	0.52752742	0.93731862	1.00765812	0.95074379	1.10680021
3.6325743	3.20425462	3.36873265	3.65326487	4.03217006	3.9288472	4.06153544
3.48218134	3.60981074	3.69752919	2.93127173	3.35489223	3.79610809	3.90012766
2.36813001	2.41290144	2.44041256	1.92502861	2.38205905	2.31571637	2.21011949
6.1508174	6.10201014	6.06225662	3.67518815	4.26880364	4.54718581	4.43569006
2.19511358	2.40160302	2.53583869	1.86086737	2.11343228	2.30193377	2.5655573
0.86476081	0.69148189	0.80245725	0.80181329	0.82103717	1.38725639	1.20062468
3.70280149	3.56553334	3.75514216	3.48599578	3.87919734	4.19020007	4.24386679
3.56676535	3.37076498	3.55058083	4.48595939	4.75597207	4.87353822	4.65890346
2.6814921	2.41838771	2.56187562	2.72533045	2.93089567	3.13169652	3.32830733
0.19936158	0.53329116	0.52341906	1.00E-04	1.00E-04	0.04479482	0.35545038
0.90806902	1.71988509	1.52960212	1.00E-04	0.315618	0.69361345	0.32806338
3.35932166	4.50671714	3.80065127	1.07891745	0.35589414	1.99385757	1.63573543
1.29635677	2.49161191	2.0780698	0.29282122	0.1237854	0.33091538	0.3642552
3.164962	3.38564684	3.70456981	2.40290675	2.53075615	2.76913249	3.42116657
4.54426104	5.1631357	5.21773991	1.60301208	1.99330987	2.84102505	3.14588878
1.00E-04	1.00E-04	0.00794967	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.85067804	2.82312647	2.94325426	1.83234557	2.23901187	2.21565644	2.49311113
1.82076821	1.98466201	1.87009735	1.2103415	1.83522205	2.28097022	1.91011007
4.83211447	4.95447501	4.87778163	3.82173898	4.09803724	4.29685653	4.18018834
3.54995731	4.30982456	4.30057928	2.08825486	2.35344569	3.01607993	3.09996156

5.77630972	6.11303655	6.00240191	3.27431677	3.75788804	4.63589202	4.43621593
2.53868234	2.69545651	2.84131726	1.51347675	2.08469252	2.24706821	2.45640689
5.68053003	6.15519072	6.09172649	3.41098833	3.57471004	4.15591454	4.18161613
0.29763643	0.43684098	0.50607258	1.00E-04	0.51113452	0.48120028	0.51228619
0.07390969	0.04242991	0.04510321	1.00E-04	1.00E-04	0.04098467	1.00E-04
1.52216688	1.47290983	0.86439687	0.24848733	0.63663312	0.91915541	0.57159408
4.16938186	3.96251153	4.02861459	4.26035474	4.39666627	4.40944157	4.45824975
2.98594508	2.81383744	2.80985717	2.68595175	2.93823131	3.07887271	3.18618021
3.49488089	3.18787703	3.27426365	3.54705207	4.00029414	3.82817594	3.78584217
4.60286608	3.94501287	4.10722456	4.6192395	4.91156255	4.96427201	5.00828337
0.04473873	0.12971332	0.16995902	0.29186608	0.56612173	0.24423138	0.3989231
2.73467939	3.00361181	2.94587269	1.2140001	1.81472088	2.22267543	2.72699314
1.00E-04	1.00E-04	0.01088085	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.55136031	4.17991482	4.43147832	3.51472772	3.93606266	4.10800854	4.19409615
4.49697955	4.10369963	4.30811333	4.78962041	5.0584001	5.07410807	5.06239592
3.46788389	3.16626847	3.3158124	3.72749718	3.99426772	4.03152655	4.15463575
2.18627163	2.1219902	1.91865447	1.59062154	1.77722946	1.81710103	2.00916448
2.11868919	2.1372174	2.23963946	2.62290466	3.04036087	2.82943829	2.77330408
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3.38832258	3.26757039	3.38131092	3.26535218	3.81705151	3.84381578	3.86983295
0.04642298	0.11438738	0.10855194	0.35541769	0.24784779	0.20726367	0.35010181
6.12311158	5.719073	5.77020921	4.81179504	5.16767052	5.19245647	5.20752214
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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3.90082945	3.41375297	3.5784477	3.55971817	3.87261009	3.91694914	3.95722626
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3.50546092	3.5525865	3.51699036	2.5000283	2.80736032	2.91459375	3.17584263
3.10181009	2.88739906	2.93373055	2.62147032	3.0156725	2.56958507	2.91344884
3.77309485	2.89662265	3.12829235	1.36027572	1.56962606	1.58275558	1.94852199
3.83065426	3.46524305	3.49636591	4.4883094	4.71819774	4.7143254	4.75582626
3.19445908	2.98163416	3.14847024	3.34705785	3.45569084	3.42200111	3.39704315
5.79670019	5.61342398	5.81789532	5.8888385	6.16819377	6.11283645	6.07045594
1.79739753	1.54509076	1.68879966	0.6845882	1.4852186	0.75937443	0.49810709
1.00E-04	0.02697367	0.05768814	1.00E-04	1.00E-04	0.05642973	0.19538393
0.33660596	0.09948175	0.1357874	0.62710815	0.80871319	0.58820625	0.6086604
0.43256826	0.38720947	0.36023628	3.63399727	4.35667692	3.97826163	3.83131577
0.26490185	0.17310939	0.19721484	0.51423582	1.08565431	0.46247267	0.47028227
2.29486648	2.49497357	2.63118848	1.91903261	2.00793128	2.01564913	2.32819975
2.64853168	2.87717834	2.92070806	2.59444934	2.90183086	3.51684417	3.60645498
2.67791404	2.53825454	2.72808206	3.61936662	3.46109793	3.52243192	3.75988188
4.45595616	4.01018676	4.16580594	4.82340312	5.1804097	5.12721737	5.1730821

0.05863748	0.00870339	0.0529976	0.14808867	0.15047425	0.27438893	0.19019631
2.79039027	2.38260294	2.70362218	2.27552488	2.47766364	2.40815167	2.83105563
3.69233857	2.81209391	3.22742235	0.25698951	0.4835659	0.3358668	0.30644693
0.43646497	0.15725538	0.16007303	0.25455879	0.52098786	0.59167361	0.12734276
4.1520981	4.65872952	4.49042127	1.52616928	2.02003378	3.12631474	2.8507143
1.00E-04	0.0184306	1.00E-04	1.00E-04	0.39564743	0.23153584	0.09080648
0.27046416	0.19529448	0.38004993	1.00E-04	0.14227873	0.50561507	0.34872348
3.6458338	3.17143782	3.30023834	3.53259847	3.90853954	3.95768242	3.93361654
3.08425452	3.44561024	3.40711478	2.10405659	2.24881492	2.75534485	2.88106614
4.229088	4.05800573	4.06945782	4.77612124	4.92982556	5.01596446	5.14958543
4.83821985	4.30522696	3.87163425	4.50559702	4.80917492	4.39520524	4.48860351
3.35985452	3.25060382	3.36495442	3.43382959	3.75022959	3.56784524	3.581484
3.30645262	3.36784244	3.36136701	2.93576275	3.17118974	3.24100107	3.33578982
0.27772488	0.12986426	0.20155945	0.84278535	0.50443898	0.34462446	0.33059964
0.1248127	0.19203217	0.15518387	1.00E-04	0.24654679	1.00E-04	1.00E-04
0.11757738	0.23833178	0.27014839	0.31194583	0.81522707	0.61724575	0.82204736
0.73664529	0.49172155	0.69237373	0.12588478	0.60071416	0.61166187	0.82335121
6.75184518	4.96174364	5.32321417	6.06817415	6.64808011	5.88635908	5.84857367
3.0056994	2.81401682	2.86644203	2.93349871	3.30955827	3.0255094	3.33042351
1.29179254	1.34774508	1.40820073	0.62042555	1.15476001	1.42279348	1.40002702
3.69356728	3.53125625	3.65927326	1.90005513	1.65273929	1.46649824	1.88207034
2.75334661	2.69178683	2.75292827	2.7705025	3.26545951	3.01719564	3.34438445
3.22001793	3.20148644	3.27874369	2.30736502	2.97613893	3.07590022	3.13349246
0.03639886	0.02761256	0.02391255	1.00E-04	0.15415663	1.00E-04	0.06317014
0.38934902	0.11653017	0.10971575	1.13952149	1.23789034	0.92052149	1.19693916
1.00E-04	1.00E-04	0.00982691	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76435163	0.47730023	0.6073407	1.37791631	1.91349883	1.88761817	1.86641418
4.31323776	3.77646509	3.99623616	4.01691545	4.47421647	4.63168945	4.69506728
1.70491855	1.63732287	1.60946387	1.51520664	1.72950005	1.61884118	1.77227882
1.78102027	1.88402841	1.92783727	0.73520389	1.00699302	1.17997152	1.41921813
3.17842316	2.83399074	2.95714974	2.95866463	3.67728517	3.29271077	3.3999003
0.90898458	0.6490722	0.66714485	1.04104726	1.68429148	1.88568008	1.75903625
3.47381483	3.4044894	3.6668819	3.66793118	4.12051713	4.54052838	4.51403465
5.27931946	4.66103492	4.82083815	5.72902312	6.02632377	6.00244884	5.97319956
0.00666135	0.01029724	0.03971515	0.0798217	0.39829967	0.45068991	0.38755227
4.18681689	3.89107485	4.23433713	4.80822849	5.12502743	5.11164391	5.07700949
3.18628304	3.15080274	3.12938477	3.09240784	3.35375894	3.31268603	3.34611131
2.63033355	2.52900811	2.67150851	2.8922403	2.98280694	2.99230055	2.96265985
1.65411592	1.523637	1.81179255	1.06186801	1.44368663	1.35194063	1.01471612
1.95760887	1.90550729	2.0786206	2.55340007	2.45193348	2.62256642	2.86390469
3.60990848	3.88520558	3.77701183	1.82248356	2.5527349	2.80693688	2.77353771
2.62983685	2.73858459	2.74516057	2.29922224	2.60604557	2.57075532	2.76576208
4.00057721	4.45506858	4.46747729	2.3515194	2.83700723	3.36255289	3.2948511

3.37095286	3.03801116	3.10472137	3.36735668	3.5468584	3.60555789	3.67134611
4.12240721	4.22021945	4.22472222	2.68739711	3.10821939	3.5936423	3.60313479
0.53033982	0.40437316	0.55072038	0.50882219	0.49101586	0.66549089	0.4344022
5.13709207	4.46124706	4.56739001	5.26236601	5.63649506	5.54650558	5.49025203
3.61262392	3.25462317	3.37132384	2.3928112	2.89058223	2.67257006	2.79324373
4.15492305	4.26940481	4.29612494	4.42294309	4.77173922	4.96173729	4.81209709
3.22591157	3.10008144	3.32662721	3.56119605	3.75594662	4.10367856	4.24282476
2.84455355	2.92414484	3.05444537	3.00714836	3.2263959	3.23261427	3.29834833
3.71958237	3.98794883	3.99810453	3.00630446	3.40067576	3.73853942	3.84995377
3.55478516	3.63343984	3.64508539	3.4689847	3.80403693	3.86230933	3.91758216
3.75952681	3.63357472	3.65500234	2.75673741	3.33817455	3.45957961	3.55351783
0.64468247	0.44160456	0.427831	0.97940011	1.06122666	0.90904264	1.27835818
4.17769407	3.58355748	3.80285591	1.99168952	2.18326135	1.90325951	2.2925981
0.46498001	0.36236383	0.4571353	0.30690012	0.140184	0.10725462	0.46738779
5.74277661	5.55760925	5.56471629	5.78002012	6.10087487	6.07376521	6.03957397
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3.1614125	3.38740945	3.38543888	1.5056163	1.92994567	2.28019059	2.5405195
0.2125036	0.42670915	0.27265307	1.00E-04	0.27359435	0.46314975	0.73862321
4.17673984	4.89696949	4.72795917	1.92065713	2.67678432	3.58153167	3.57871557
0.44845119	0.28691255	0.23568387	1.00E-04	0.5571054	0.54964141	0.60223276
1.13092812	0.97234124	0.82105846	0.74731708	1.89670443	2.288402	1.98319483
1.21526333	0.54377172	0.92518004	0.19131857	0.76438527	0.55153962	0.49123119
0.50634222	0.18738382	0.27582926	2.33671469	2.42828759	1.70614916	1.53595937
3.28889409	2.67383553	2.94442706	6.79648918	7.255953	6.94187147	6.61140642
0.10744233	0.06390748	0.08240518	1.00E-04	0.16475276	0.14778958	0.09909168
0.10843979	0.26744991	0.22495058	2.27520974	2.75392533	2.81479424	2.74654092
0.06923562	0.02268597	0.02579404	0.10312421	0.27390085	0.04452721	0.15699226
0.486862	0.2121181	0.11104173	0.38376045	1.27430142	0.19140805	0.63845299
1.00E-04	0.00844653	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.92476168	3.28306135	3.30400878	1.64125869	2.45744363	2.69353358	2.90014517
3.19154843	3.11794271	3.29390658	3.76133592	4.08851839	4.07746167	4.08387197
3.65596008	3.5487059	3.77971386	2.24960003	2.81823835	2.90797002	2.91486161
3.11929133	3.77833661	3.76277383	1.64402602	1.95522889	2.92118592	2.81473977
1.16656864	0.71082812	0.63887873	0.74876686	0.74609466	1.10204658	1.04207182
2.76479305	2.98335169	2.97888254	1.58715534	1.96396593	2.3795629	2.42700795
2.43712163	2.29929962	2.52296404	2.48342568	2.44951634	2.60802421	2.5703415
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2.8573584	2.88335773	2.84363613	1.84811554	2.46051166	2.52092467	2.71285885
2.87585077	2.91550969	2.99092572	2.98341561	3.19083343	3.23680875	3.29151386
0.0376099	0.00319975	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.75993707	3.97581639	3.9424807	3.55970365	3.647054	4.00100062	3.99346083
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1.44278787	1.1048409	1.2316253	1.30915047	2.03144814	1.71911269	1.76586285
0.18968263	0.10192265	0.12825109	0.29767627	0.16926743	0.27208576	0.14966115
0.31695955	0.33418093	0.22289202	2.45965563	2.82597727	2.09261	2.28187634
4.11444593	4.04572436	3.73923382	3.1992845	3.76616288	3.82663874	3.67534888
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6.80628799	7.68173448	7.61513057	5.09315423	5.52354087	6.5647956	6.79743328
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6.84307831	7.78263814	7.65023756	4.53628107	5.14234755	6.44334922	6.60250823
0.02934656	0.07206514	0.04534027	1.00E-04	0.18958483	1.00E-04	1.00E-04
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5.99108997	6.95480541	6.7766113	4.23864874	4.64861882	5.68670674	5.79010645
4.1133479	5.17813357	5.0544258	2.17515548	2.41758206	3.57958316	3.74428927
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6.1178726	6.9673069	6.81483293	3.83513381	4.45022474	5.65676007	5.76078876
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6.71693905	7.51172873	7.36133097	4.46807531	5.17515012	6.25125972	6.40233705
6.1104028	7.15331363	6.9420873	3.94425569	4.3764974	5.75171855	5.96581221
6.55126497	7.46106918	7.2896452	4.27639627	4.74162165	5.97106249	6.22415833
5.4804236	6.38892312	6.24683268	3.65368529	4.35725642	5.51092529	5.52997784
7.30331333	8.36871711	8.19157868	4.90738557	5.35355056	6.86865071	7.00918365
6.99094327	7.94719146	7.65571536	5.01177747	5.56949406	6.68910211	6.86293754
4.41916332	4.5785923	4.71054535	2.85456426	3.24800538	3.66873773	3.54422738
6.23855365	7.13284341	7.0168303	3.94492328	4.58227035	5.68416932	5.75168656
6.56667365	7.53283348	7.35940449	4.17736001	4.88849196	6.24710291	6.19151589

6.0075737	7.04547207	6.83520356	4.3091009	4.76908539	5.9516403	6.18091906
6.73088515	7.76805074	7.64313052	4.24097595	4.78101939	6.28918543	6.37347672
5.31727806	6.26430824	6.11187004	3.66200768	3.92495388	5.07789066	5.1519225
5.23591125	6.33599063	6.18697078	3.06719108	3.57762578	4.83903068	4.97226854
5.94740312	7.05470092	6.73955107	4.15870802	4.42033575	5.61712543	5.69814543
5.74483827	6.94630787	6.71147988	4.05786981	4.17041394	5.4916748	5.74249533
3.02828623	4.02753755	3.81885488	1.25984916	1.49220581	2.69790786	2.73384399
6.72166464	7.90085836	7.72169263	4.53606284	4.95066245	6.4020928	6.48781922
4.5719756	5.27893309	5.08553902	3.05306792	3.89696141	4.45088658	4.52516675
6.55053591	7.54093822	7.3079379	4.42466502	4.93109418	6.15170793	6.30139279
5.88027146	6.82410507	6.55106902	4.12028006	4.42949164	5.61115811	5.87547383
6.09127133	7.07699668	6.9875711	4.22641274	4.66056862	5.81240382	6.07789598
6.18952701	7.22030944	7.04544003	3.96438568	4.47527336	5.79287456	5.90204068
5.71783382	6.7330042	6.59906167	3.57623362	4.33934775	5.27038157	5.30069731
3.68065407	4.51958837	4.40794799	1.47572462	2.12777869	2.94924653	3.14699397
6.39934617	7.34898565	7.22600203	3.81273792	4.23699058	5.79955484	6.02322029
4.31077688	4.43699706	4.68753385	3.89205756	4.0287336	4.30840076	4.23856829
1.6479902	1.24353638	1.52918636	2.93755679	3.13135591	2.33390011	2.85078608
5.20570838	4.72324763	4.92018516	5.67048477	5.79063507	5.90031557	5.85775386
3.2467199	3.35275281	3.45199424	2.70922626	2.90613631	2.91173713	2.81110433
4.50303745	4.24046465	4.42057839	5.49891514	5.6397577	5.69478647	5.67349078
0.07442756	0.01592988	0.14823372	0.39286069	1.00336036	0.57544196	0.36086257
3.8184657	3.51774259	3.66915106	4.51180885	4.73015771	4.70556635	4.71331167
2.59622528	2.57853157	2.68747311	2.4162098	2.94199079	2.78449837	2.76013195
5.48653532	4.61379287	4.70600229	5.32687662	5.74210427	5.47467322	5.48494723
0.65022106	0.51693857	0.56997389	0.61646262	0.6056908	0.90534032	0.91477584
6.83974628	7.69068929	7.59766588	4.57954132	5.16880115	6.39435855	6.54683103
6.88576614	7.94034055	7.71213567	4.88118058	5.24757821	6.45422593	6.45693723
6.96963836	7.5929545	7.51621216	4.56454566	5.08402322	6.1387633	6.18570808
6.23208039	7.1421164	7.00335335	4.34548251	4.65789786	5.70976364	5.7943703
1.00E-04	1.00E-04	0.00436614	1.00E-04	1.00E-04	1.00E-04	0.25490803
4.72914042	3.9948211	4.12920601	5.16891264	5.40841289	5.09305068	5.03716571
1.3494632	1.54985903	1.58676652	0.69840691	1.57871628	1.63902269	1.9419831
1.3780369	1.51461342	1.58336491	0.33598518	1.10147762	1.01037919	1.24153764
1.99506756	2.00358412	2.01648196	1.36368957	1.82440385	1.64341857	1.8765252
3.10290673	2.84162917	2.94209994	3.18712034	3.55680632	3.25673276	3.42320379
1.0960814	0.84018965	0.55218277	1.21656414	1.16082834	0.97138365	0.75859504
2.97589164	3.34672069	3.28589874	1.0043505	1.58642941	2.3261437	2.46841623
2.38116736	2.10184412	2.28629276	2.43609896	2.6022306	2.65235566	2.80451179
3.75646988	3.90027292	3.86930324	2.59196409	2.91249918	3.20550561	3.35583761
3.97282519	4.23377196	4.23860025	2.18692403	2.43488171	2.59513841	2.52883822
3.66894579	3.82169042	3.72928714	1.61071872	1.95022979	2.15378756	2.4678861
1.70592873	1.15199642	1.38006639	5.09879115	5.54324805	5.38787724	5.23318576

4.93764792	4.56915222	4.66530099	3.80800246	4.00484389	3.88878206	3.76275032
5.36421944	4.76287186	4.85236272	4.23258749	4.27240571	4.38604965	4.49020877
0.57158404	0.25918874	0.3884285	0.77005929	1.25910146	0.63522675	1.13466193
3.67186268	3.52008957	3.62807361	3.91446363	4.46346478	4.16873138	4.12391876
1.51938813	1.76113877	1.57807984	0.90560833	1.37676737	1.28592091	1.76726909
3.05555469	2.84357982	3.02958845	2.83632576	2.96824195	2.8936166	3.06836396
2.45391535	2.26164012	2.50258101	2.93998567	3.22069023	3.19023316	3.30635204
2.4543862	2.48062063	2.61014056	2.31734917	2.7919248	2.74039618	3.08702327
3.13470758	3.33574721	3.39360433	2.29799044	2.73166283	2.58958719	2.71463371
3.1054421	2.80917708	2.95340451	2.99364558	3.08201245	2.83242976	3.08158362
3.29337255	3.53231383	3.49818266	3.05429026	3.16791377	3.34385587	3.3746062
2.90911038	2.76639351	3.02877204	3.84468754	4.23617613	4.18297938	4.12968
3.06900527	2.81709221	3.12679011	2.71653744	3.20115885	3.37485684	3.45331537
3.19998623	3.44861887	3.27403738	2.47065595	2.81992896	2.6496214	2.91973039
1.97115001	2.20696983	2.36724616	1.97223049	2.17579032	2.11395018	2.0978969
2.1031696	2.23082402	2.19992686	1.44866676	1.92332051	1.93680752	1.96425577
2.24296963	2.81465945	2.81251883	1.17148373	1.40068749	1.69142937	1.67310478
0.08615515	0.05899113	0.04537688	1.00E-04	1.00E-04	0.05895787	1.00E-04
1.11729425	1.07320757	1.10813857	1.33541469	1.58619455	1.52216054	1.86722517
3.37799455	0.99764471	1.2919848	1.97933121	2.89924797	1.17025664	1.18927308
3.58687348	3.57697157	3.69080658	4.2721968	4.59903111	4.55562214	4.63407927
4.19772702	4.03530096	4.08539749	4.67606422	4.96352548	4.9946724	5.05841343
5.07445518	4.58988148	4.72075049	5.67015661	5.94882616	5.85683658	5.83202724
0.98404074	0.92809608	0.9281175	1.64406259	1.85178109	1.68008708	1.83000349
4.00805843	4.16449775	4.21433167	3.40816061	3.65967845	3.8451392	3.87326056
4.28317975	4.96509902	4.85860878	3.27953977	3.50732783	4.18900838	4.12901168
0.56903168	0.69560948	0.54821093	0.84100467	1.64876174	2.13645126	1.8092526
0.49291995	0.32408353	0.34341286	1.00E-04	0.88137277	0.86556191	0.96150377
1.71914498	1.45495273	1.71734498	1.03139375	1.70607425	1.6999532	1.97788214
0.74743769	0.58365369	0.66076031	0.22503858	1.05929777	1.56550496	1.7843904
0.26474954	0.14913011	0.18117456	0.31432775	0.31063988	0.19812278	0.8501375
1.33991906	1.2496215	1.47583025	1.9368574	2.4866962	2.60264005	2.52839215
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03324993	0.01193076	0.03325875	1.00E-04	0.17716359	0.17074961	0.15107197
0.32025477	0.09029805	0.15701836	1.00E-04	0.4076074	0.27121772	0.61516538
0.06122897	0.00572349	1.00E-04	1.00E-04	1.00E-04	0.0499865	1.00E-04
3.08275361	2.78210787	2.97251819	3.32052523	3.84657916	3.6817911	3.69061905
4.93405626	4.39795213	4.58197142	5.22989157	5.63403421	5.49636012	5.59667506
4.64314389	4.6763619	4.64387583	4.22014578	4.66315394	4.74511003	4.85543688
5.0163573	5.3099888	5.4065426	5.06434584	5.18701421	5.7981754	5.74532865
4.98843539	4.62258862	4.68321983	5.28798164	5.53688895	5.32858999	5.35149168
1.00E-04	0.01500455	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.3521822	3.33104365	3.43638523	3.14467996	3.32703271	3.39211472	3.41504716

4.31187527	3.86009219	4.08333004	2.4452928	3.49804528	3.33317853	3.45622596
1.00E-04	1.00E-04	0.04396974	1.00E-04	1.00E-04	1.00E-04	0.15769458
1.00E-04	1.00E-04	0.02262708	1.00E-04	0.03155893	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11956125	1.83622859	1.98897979	2.14791403	2.50160377	2.15095722	2.32029735
4.34204695	4.26852053	4.3476339	4.27537204	4.48354495	4.52056981	4.47506303
3.94283718	3.85520026	4.00530534	3.8235391	4.17967326	4.26643766	4.18978491
0.06419663	0.03033258	0.10929493	0.11063207	0.43664083	0.57504709	0.53195855
0.29897784	0.23026977	0.53522399	2.52430561	2.06762086	1.63974452	3.04002066
0.99445091	1.05913687	1.13898793	0.5982435	0.48862509	0.66084945	0.97896374
2.22498598	2.20071416	2.16491314	1.24021017	1.14674164	1.43937444	1.64255591
1.28652577	1.25800736	1.33582161	0.50692842	0.73586168	1.06459165	0.86031272
0.02435772	1.00E-04	0.02311507	1.00E-04	0.15698159	1.00E-04	1.00E-04
5.00712895	4.98097428	5.32221925	2.5734757	2.36520359	2.59187209	2.64549751
1.57967132	1.88234759	1.85770277	0.65296097	1.35168579	1.53253911	1.13494323
5.62730799	5.65767094	5.51276579	4.82840008	5.06859576	5.12641409	5.13667816
6.75420898	6.49952805	6.46845592	5.19139304	5.51747832	5.52965704	5.55606823
3.11990965	2.44998272	2.4841209	2.65981411	3.08841684	3.08842229	2.93981835
0.06274188	0.06424071	0.17711268	1.00E-04	0.38951675	0.78511937	0.7726961
0.57723994	0.33712674	0.35951825	0.24818319	0.69719704	0.51905292	0.61896004
0.17546119	0.08917899	0.10090704	1.00E-04	0.09094164	0.28786013	0.12424801
0.64998999	0.1264387	0.19478009	0.63322733	0.98283246	0.63052618	0.82274622
1.00E-04	0.01191512	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00676574	0.00726174	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64271074	1.57919021	1.71884911	0.76419278	0.59337402	1.08450307	1.00070258
1.00E-04	0.00679835	1.00E-04	1.00E-04	1.00E-04	0.35816137	1.0148423
4.36882153	4.93929745	4.87150112	2.94858556	3.23910303	3.81014491	3.79023415
3.38011451	2.61541291	2.95832101	4.02172728	4.41213133	4.17670449	4.15500524
2.28664205	1.7192802	2.05277391	0.46630104	0.45508953	0.49718273	0.97674318
4.30572625	4.1346881	4.32164134	4.16078488	4.34750598	4.3645657	4.50878077
2.81960917	2.39923135	2.71883824	3.34393298	3.7557401	3.71200617	3.7252692
4.48979238	3.88452839	3.99573716	3.73443268	3.88784801	3.81654759	3.9528794
1.59222594	0.89932489	1.26981414	1.00E-04	0.50005496	0.36786524	0.34560565
1.44229717	1.34657076	1.44753415	1.83326112	2.26227732	2.41784974	2.31516982
0.02814666	0.04998968	0.0254944	1.00E-04	0.06871202	1.00E-04	1.00E-04
2.17978665	1.85745997	2.11345097	0.27390548	1.56411122	1.37697566	1.780044
6.45298507	6.12357571	6.19912623	6.44010503	6.63336415	6.53291193	6.72858456
0.92858398	0.51323437	0.56992877	1.90081346	1.29838933	0.89958669	1.0136023
4.43744561	3.42596978	3.83178376	5.95575154	6.52678861	6.21993747	5.79017404
3.81846365	3.23117653	3.65548347	4.5284096	4.74138358	4.6651669	4.3285183
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3.68617339	3.21244043	3.55599448	1.89684126	2.01125755	2.04843871	2.1639556
2.90221296	3.01477877	3.03518745	2.44952135	2.65905881	2.8536229	2.96810304

2.51495753	2.61495265	2.53067611	2.2210732	2.90468723	3.18074306	3.05892455
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1.2184536	1.27410356	1.40702699	0.82624806	0.47044722	0.99261118	1.11643479
2.11725167	2.16520081	2.12065068	1.43092264	1.97214226	2.04488499	2.40260093
2.25237969	2.28762213	2.52578038	2.32418736	2.13707993	2.56244352	2.68362317
3.2362733	3.66531399	3.63224841	2.42638287	2.41639632	2.94835281	3.29255946
0.41372198	0.36875504	0.57739369	0.64415887	0.39983138	1.08059476	1.15075291
0.89858691	0.70477102	0.85538002	0.23686965	0.30135989	0.42797034	0.52620412
0.13317798	0.19747681	0.17612097	1.00E-04	0.25114928	0.11089808	1.00E-04
3.44727521	3.01348122	3.05688031	2.34139996	2.19697757	1.92632897	1.94483243
2.4335004	2.45275383	2.4735648	1.95916967	2.23322984	2.47763653	2.61480904
0.084893	0.00843627	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17534852
2.81465117	3.09396669	2.95477181	1.78555396	2.13213265	2.52643895	2.48697367
4.22962804	3.79586582	3.87289969	4.48737282	4.81046276	4.55674456	4.56474557
4.05440399	3.61986446	3.70173545	3.60051256	3.64753816	3.48707033	3.81234802
2.4994	2.38400042	2.51591056	2.16144848	2.48833022	2.28510762	2.51233897
1.73692945	1.07358693	1.11624194	5.2678964	6.27181169	5.67716528	4.98949425
0.67635221	0.47761906	0.51297373	0.93506167	1.38546272	1.6059528	1.43742161
0.46850572	0.76313255	0.83302084	0.40963671	0.33826192	0.12633683	0.40329535
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6.47621441	6.9817599	6.86310953	3.20291494	3.80260304	5.27527318	5.05704296
2.89799569	3.35748396	3.30630632	0.42776304	0.70503761	1.92180712	1.55059723
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4.46820005	4.46976109	4.31037397	0.96472075	2.14002663	2.52908442	1.89211369
0.36084683	0.28330716	0.30585248	1.00E-04	1.00E-04	0.23381592	0.12189144
6.69448793	7.52582632	7.27347013	3.51841551	4.20490336	5.37797704	5.47662681
0.09731898	0.12259955	0.11227196	1.00E-04	1.00E-04	0.12491355	0.25573219
7.59454373	8.00759642	7.8795089	4.21862113	5.2604545	6.04462036	5.78520832
3.23344882	4.6195486	4.05116043	1.00E-04	0.45513831	1.38902353	1.32072089
4.02747165	5.13537498	4.19774498	0.82651038	1.34843957	2.25002361	2.02374459
0.03365266	0.06026042	0.0398511	1.00E-04	0.22080786	1.00E-04	1.00E-04
0.03055586	0.02448709	0.00615236	1.00E-04	1.00E-04	0.12772124	0.17109131
2.38347181	2.71026594	2.20727502	0.16694953	2.0058914	2.4148562	2.26657837
3.094717	2.67882514	2.92060551	3.52225012	3.93921249	3.97030515	4.13597578
0.88622338	0.30206056	0.54858894	2.24244673	2.79377866	2.34396142	2.41453806
1.26062108	0.96669694	0.85040274	0.25729192	0.60619751	0.62616661	0.77242906
0.03256212	0.02663944	0.01148766	1.00E-04	1.00E-04	0.04674377	1.00E-04
2.28417926	2.73935951	2.77673328	1.68200189	1.81306954	2.79412341	2.7946597
0.1134284	0.01730116	0.05596971	1.00E-04	0.08754288	0.27960696	0.26643191
2.2959753	0.39784278	0.27570363	1.00E-04	0.41900998	0.3418591	0.78416124
1.7402231	0.10999214	0.06204878	1.00E-04	1.00E-04	1.00E-04	0.11789546

0.1992209	0.01664564	0.01064777	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25226956	2.36322552	2.39133657	2.50334653	2.50199234	2.56535452	2.80808702
2.00570721	2.28291696	2.36708133	0.84146285	0.69561438	1.29512465	1.5430261
3.67193522	3.45907151	3.62749303	4.45845169	4.60124432	4.71337539	4.69994976
2.63756564	2.43327395	2.66254807	3.86590498	3.90540366	3.987001	4.10902414
3.3955264	3.08265691	3.21962164	3.92345182	4.25933349	3.8210965	3.96142882
4.28633122	3.97583537	4.09129118	4.66615237	4.91840774	4.79856069	4.7773367
3.97657968	3.70262835	3.75396737	4.51769148	4.60795944	4.49950333	4.64107755
0.79691568	0.41576833	0.41875919	1.32032422	1.67931884	1.38269787	0.74987294
1.00E-04	0.00621121	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21087213	0.08764883	0.06314794	1.00E-04	0.66376018	0.04526236	0.13827581
0.06836311	0.07319205	0.03410499	1.00E-04	0.2208795	0.038798	0.15437969
2.99840668	3.26132461	3.24118739	2.30604668	2.16629606	2.34349023	2.4910607
0.18091793	0.10542911	0.04509243	0.603452	0.50194152	0.59031836	0.95394448
0.05489481	0.04148027	0.04792074	1.00E-04	1.00E-04	1.00E-04	0.21342598
4.07072811	3.88111248	3.78083464	2.07835824	1.78915745	2.23546372	1.97992172
1.96424215	2.07322964	2.2081237	0.32816085	0.9049738	1.1298589	0.93576475
0.6876337	0.46794015	0.60622248	1.52136558	1.13572483	1.03242385	1.10210037
1.84805498	1.62850308	1.88877244	1.45595765	2.25668645	2.12845497	2.09679397
0.22544882	0.34054927	0.4217895	3.32146953	3.09875104	3.69630956	3.70749582
5.53614566	3.83032186	3.97983556	2.15068932	2.93192852	2.19448487	2.30798322
3.40560809	2.98591827	3.15070169	3.56199387	3.92836921	3.8154909	3.7423913
0.08634237	0.09785636	0.1237242	1.00E-04	0.50359189	1.00E-04	0.30566245
0.02034661	0.04101216	0.00844712	1.00E-04	0.23995613	0.14800864	0.07082303
3.65777023	3.38112098	3.57986517	3.74043829	4.15647939	4.02463715	4.11556447
3.36963175	2.36188972	2.50265222	2.793157	3.05254789	3.11141848	3.36388131
5.15496201	4.12576731	4.37824168	3.45725202	4.00783509	3.71411761	3.79799404
6.02870211	5.28115543	5.69379734	4.77706676	5.0799333	5.04991692	5.21112733
2.88779833	3.28787079	3.25260177	2.95885728	3.20392733	3.20974342	3.32364514
3.65816451	2.82717989	3.06628456	4.36053829	4.62184437	4.37262514	4.45848523
4.57233924	4.99192296	4.92519895	2.77047833	3.41488686	3.96449735	3.76036178
2.00645689	2.05838281	2.26614655	2.9459343	3.15546053	3.25552876	3.54257489
3.66458054	4.17502804	4.01429569	0.66998082	1.38084415	2.16117092	1.85582018
3.36983122	3.13223983	3.26501453	4.03750847	4.32443729	4.10347569	4.17046801
2.60157875	2.89129148	2.77764326	2.09824213	2.31238331	2.67341159	2.87611846
0.3127775	0.08938946	0.17356699	0.10136886	0.37906497	0.50135319	0.36481438
0.48729679	0.33695776	0.33858704	0.21701249	0.40747443	0.57628412	0.46530391
3.79697122	3.75856211	3.70961238	3.41136394	3.61970821	3.84126007	3.84369616
3.39936498	3.36859367	3.40004676	3.16936448	3.60141924	3.79863938	3.73044383
5.27363501	5.41274118	5.44948185	4.17510792	4.38964895	4.87316196	4.7113715
0.08541014	0.01178653	0.07875311	1.00E-04	0.16926743	0.12102921	0.17448017
1.08383619	1.08712823	1.30841226	1.43192852	1.48614607	1.46640527	1.39011374
5.2784434	4.73650663	4.66717527	4.67182088	5.04152443	4.84903424	4.85551046

4.15004895	3.93955725	3.99074483	4.20809223	4.64620127	4.42078666	4.70354412
2.2049327	1.99252753	2.09355883	1.40617138	1.9941384	1.77110926	1.95326583
2.86915065	2.93237385	2.99516569	2.58187101	3.1262846	3.03112124	3.01566177
2.87920638	2.59113896	2.84179253	3.36153342	3.74280797	3.62640772	3.74379899
5.45930059	4.45098305	4.33740435	3.05536272	3.8487413	3.22639424	2.93452776
3.80785371	3.93057323	3.94395148	3.58455097	3.74074945	4.2118649	4.20346067
2.30176981	1.98343705	2.09983597	2.45207911	2.86444974	3.22974643	2.97824117
6.6424834	6.83903907	6.63337822	3.46049725	4.17498786	4.90253382	4.47087091
3.95430147	4.47637047	4.47305069	1.42267393	2.28631477	3.14440013	3.18133407
3.7594732	3.09822551	3.69250302	5.63604669	6.48467292	6.05306566	5.54476056
0.27905825	0.34043185	0.45569722	0.20840534	0.11322507	0.13389524	0.72146218
0.48313134	0.22580118	0.30155753	0.24672226	0.74166643	0.68457367	0.6703266
2.59832813	2.44050754	2.4322962	1.82585035	2.14539794	1.95821922	2.35468637
1.12411965	0.63527909	0.90812338	1.36525208	1.53498899	1.63920984	1.57510645
1.29037871	0.96813081	1.07748405	1.24610024	1.62499731	1.5242952	1.8025538
2.95873937	3.52333468	3.52683215	1.69069057	2.13688229	2.53552322	2.48278894
3.18824344	3.40309595	3.4017377	2.22710588	2.90635785	2.96144578	2.95018105
3.09390588	2.67889697	2.77609463	3.25157445	3.5901979	3.63429807	3.82085399
6.13194923	5.42948902	5.56218121	3.87895225	4.10434171	3.78216413	4.10917698
0.35889084	0.20536323	0.14788047	1.15260632	1.62342884	1.70539841	1.59086036
0.50485314	0.24939611	0.22999276	1.00E-04	0.40389352	0.36285859	0.13892593
4.20367004	3.90865756	4.03495396	4.6903243	4.93622304	4.92153469	4.89972454
3.76273837	3.28312502	3.56731987	3.85178325	4.23827304	3.95413897	3.97710732
1.28371979	1.06681434	1.28710735	1.28377428	1.44245355	1.18126683	1.52502235
0.07298321	0.10575627	0.13570687	0.11595721	0.03960299	0.88034143	0.9086799
2.70593503	2.94879518	2.92574341	2.38735147	1.96289629	2.38220448	2.69021782
2.80859998	2.68749371	2.62070156	2.23813587	2.74754079	2.54429056	2.76467734
5.48329836	5.24352486	5.28501669	5.39578448	5.62791631	5.65457248	5.62837462
4.09123977	3.60140107	3.82870779	4.64300957	4.8203647	4.72192797	4.79841
4.92898072	4.31053959	4.48483649	5.54433265	5.77333729	5.6335382	5.74608981
3.22008555	2.66874059	2.88266604	4.31002251	4.55364975	4.48003894	4.44921818
4.2488976	3.9302924	4.03396232	4.18836327	4.41681043	4.58796394	4.52205993
4.30823524	4.39663654	4.38018524	3.46061599	3.89471324	3.96782389	4.11890766
2.69667835	2.90630629	2.87043465	2.41602818	2.68246086	3.04055137	3.3155092
2.35234449	2.19431344	2.39655291	1.78353862	2.2323686	2.04219232	2.2526421
0.09368878	0.05351439	0.10430015	1.00E-04	1.00E-04	0.06908671	1.00E-04
3.67859274	4.24560057	4.11235729	1.73314884	2.21155506	2.95334759	3.04228352
3.48151917	3.27746503	3.47293843	3.93011814	4.04149817	3.9234072	4.00025954
5.33309996	4.22545627	4.36949716	6.25134544	6.56074232	6.47985128	6.47360622
0.13472056	0.01605479	0.0241373	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03907668	0.04193904	0.08519544	1.00E-04	1.00E-04	0.18009938
3.59005173	3.50262042	3.7671676	2.39490422	2.69032866	2.72841912	2.77873634
5.37249179	4.94549345	5.04250488	3.55122581	3.8611134	3.88605855	3.86690285

1.80002589	1.5115714	1.62778999	0.82415706	0.66882595	0.50086914	0.53030009
0.95492868	0.97705456	1.05958143	2.02351855	2.06909355	1.68696572	1.3699899
2.98058075	2.95498069	3.07916473	3.57515028	3.50049795	3.79447867	3.75125101
3.72989752	3.63999136	3.37205696	2.69373242	2.85361133	3.10496229	2.76796245
0.95202879	0.23119309	0.38884136	1.33051622	1.49474688	0.70167778	1.02210658
0.42826304	0.09211902	0.07413401	0.32579502	0.88069322	0.25201664	0.1868836
4.81214791	4.3126799	4.40596417	4.91066849	5.3028253	5.21384276	5.12829743
4.59503972	3.95581365	4.1914511	5.19269236	5.47009968	5.24944843	5.25318514
0.66430848	0.51824967	0.61547237	0.29031177	0.58135575	0.61426823	0.73631576
0.34536863	0.59735012	0.69078161	2.68709354	3.08906744	2.96377161	3.10352318
0.52623604	1.21116854	0.71387151	0.21670209	1.65289475	2.17060386	1.63065429
1.00E-04	0.02315462	0.0057453	1.00E-04	1.00E-04	0.13744953	1.00E-04
3.07286004	4.01523944	4.04736468	3.36020294	3.77118465	5.38737867	5.45646215
0.46687563	0.2168816	1.39909459	1.00E-04	0.29194301	0.48985919	2.72783215
0.02125812	0.02610941	0.02719536	1.00E-04	1.00E-04	0.09715528	1.00E-04
0.89401497	0.6869022	0.79613449	0.27606756	0.23294916	0.22547741	0.60264155
4.71371284	3.88585987	4.30704747	1.93198902	2.40927606	2.23535338	2.64881074
1.71570707	1.42881075	1.29796568	0.2335344	0.926597	0.54706135	0.6809682
5.06887779	4.12132321	4.15808134	4.69579389	5.20341251	5.05285568	4.94418506
2.6914126	2.31866744	2.54218494	2.45602748	2.80295638	2.5981918	2.61698739
3.79770116	3.24741677	3.47415164	3.6666783	3.75699912	3.65010061	3.69154995
2.5634797	2.23789131	2.3025818	1.13819572	1.37161637	1.19602557	1.17595094
0.43057439	0.23346496	0.31009799	1.08646583	0.90313908	0.61339769	0.62814761
2.92277539	2.19235749	2.59057724	6.21306884	6.36977539	6.39864518	6.3344263
1.00E-04	0.01007423	0.04905527	1.00E-04	1.00E-04	0.0920883	1.00E-04
0.07741785	0.18730348	0.17750678	1.00E-04	0.0949482	0.26334139	1.00E-04
0.14533853	0.05294357	0.08514339	0.61257652	0.68436564	0.19911214	0.36994984
3.28420988	3.14775696	3.23258914	1.7689439	2.01939714	2.13307682	2.10570147
0.40685156	0.17707974	0.43359752	0.39230771	1.25031825	0.2757639	0.65437557
0.21352671	0.2346878	0.19374568	0.56740551	0.4860671	0.57596607	0.28836128
0.26680154	0.23069869	0.24530597	0.54404451	1.42891206	1.29393098	0.93141119
0.35289331	0.12617023	0.1240696	1.93533836	2.46226376	1.17627564	1.51087507
0.25275307	0.34918973	0.74412025	0.22081873	0.5200655	0.24852501	0.25848656
0.05161884	0.01617412	0.04167874	0.17290945	0.06470172	0.19730748	0.45470805
0.13173493	1.00E-04	0.04806288	1.00E-04	0.18849889	0.06310802	1.00E-04
1.27996893	1.2233615	0.86997914	0.14302802	1.00254288	0.64991429	0.8164896
1.60539424	0.82915023	1.62326744	1.29061689	0.90807594	0.59426754	0.85341708
2.75060025	2.5468611	2.70927285	2.42302719	2.62285524	2.72261214	2.81268064
2.15026082	1.69856484	2.03061886	1.61007243	1.97613105	1.92366643	2.29245367
0.36948103	0.22974462	0.31871088	0.53158721	0.70004528	0.78333953	0.59306924
0.17149442	0.06373565	0.04850444	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	0.13541186	0.17415314	1.00E-04	1.00E-04	0.09975763	0.16515767
0.2063833	0.25690779	0.47165051	0.342942	0.15675178	0.16224267	0.40430396
2.69799427	2.90633247	2.93635117	2.04338356	2.38601757	2.86161421	2.82785353
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1.00E-04	1.00E-04	0.02044513	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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0.20363958	0.15938455	0.29739644	0.21265247	0.1469136	0.26327889	1.00E-04
0.18262276	0.1724079	0.17279037	1.1796215	1.2256136	1.01036194	1.38912422
0.39228439	0.19298413	0.14010317	0.23541776	0.15634287	0.21714163	0.07231712
0.85917947	0.61587257	0.85759845	0.9442784	1.56325336	1.77713298	1.78725557
1.53249289	0.9910841	1.07798244	1.22790249	1.08653143	0.96363775	0.89682304
3.5174291	3.09934277	3.25103793	3.85719803	3.90794493	3.99454997	3.96757411
3.35296587	2.89425576	3.0829341	3.71821869	4.05860727	3.90690735	4.02546778
3.8900834	3.89988003	3.99556005	3.05366186	3.31681474	3.45935679	3.44561196
0.42532777	0.19140743	0.25692831	0.33186306	0.32774303	0.30336463	0.59228575
6.65573164	5.92813257	5.94510663	3.45024218	3.90978927	3.63793899	3.46581448
3.3360129	1.42289568	1.52199796	1.00E-04	0.71474495	0.4452441	0.4434049
1.08757657	0.73577359	0.82796883	0.85077262	0.70925251	1.12796185	0.88039403
5.767795	5.88655741	5.79758446	3.58139438	4.18929084	4.52003163	4.40448422
0.61359799	0.43665357	0.33898661	0.47570519	0.12697572	0.4925802	0.30120962
5.44218228	4.71492692	4.81050988	4.31170342	4.68745082	4.63732657	4.69569355
3.12134076	3.02024102	2.96723902	2.63737409	2.82310004	2.84859576	2.83336083
3.48627036	3.57443579	3.59460062	2.8265522	3.242536	3.28094052	3.22212688
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3.89673212	4.03149836	4.00988643	3.32826135	3.4855624	3.60827139	3.72260615
4.34179113	4.53283987	4.5774453	3.73303132	4.0189882	4.02384867	4.08624282
0.27057076	0.43263646	0.40763752	1.00E-04	0.19619148	0.04218805	0.05377231
3.06045538	3.43031794	3.39463142	2.100807	2.54117833	2.86748548	2.94466958
3.09528232	3.0679312	3.12384111	2.48419058	2.4920681	2.68875049	2.71334634
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3.15722273	2.92392868	3.04650898	3.13433335	3.53662182	3.46617787	3.37928203
1.72469329	2.37631103	2.51980086	1.00E-04	0.41495239	1.16004375	0.99422549
3.1365985	3.42043466	3.40972537	1.70122461	2.02657914	2.22386695	2.13273666
1.72776305	0.90553707	1.15581324	2.14208807	2.63082788	1.93333935	2.78008767
0.6710693	0.32590406	0.39248991	1.51927386	1.27394718	1.11674236	1.48699058
0.20430051	0.20773933	0.14773247	1.00E-04	0.74392288	0.7263518	0.72365864
1.79442468	2.1720961	2.10340711	0.9366164	1.44482834	1.58562298	2.08337333
0.13665969	0.09332079	0.13275194	0.31236333	0.22788297	0.35597318	0.50505544
0.58711778	0.84424513	0.95246067	0.72885898	0.863673	1.53429965	0.90943684
1.00E-04	0.01032368	0.03492602	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.21014578	0.11443674	0.2582642	0.17839311	0.46213456	0.49837195	0.45814794
1.44771707	1.27532741	1.39630582	1.16174695	0.69415392	0.54452091	0.47378865
4.13418616	4.45616414	4.4900632	3.91803863	4.31666084	4.45650054	4.67412959
4.07834582	4.62292097	4.62337512	2.45935193	2.91628675	3.5060994	3.45877614
3.30227389	3.32867499	3.40530163	2.89149835	3.26332262	3.49536828	3.4130267
3.80457205	3.58316622	3.83934896	2.89651059	3.20471903	3.28889598	3.1722845
0.82689867	0.57131236	0.89558473	2.26109394	2.20887341	1.96155749	2.31545083
0.61365545	0.56854215	0.32415842	1.00E-04	2.1898124	1.53933404	1.33364366
0.03406779	0.01832877	0.03350783	1.00E-04	1.00E-04	0.05759105	0.18970902
0.06587944	0.04493567	0.06882241	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09011997	0.11848758	0.21864311	0.45933369	0.63326023	0.27036918	0.55098896
3.52546179	3.2081194	3.41052172	4.17679927	4.3312913	4.03495027	4.0631044
3.92351142	3.49384338	3.75260039	4.15744966	4.56047457	4.6038682	4.68201773
3.47125106	3.47532219	3.27274447	2.91329014	3.16575743	3.3660946	3.43563185
2.56176702	2.31793215	2.5179507	2.6236253	2.79987109	2.91164422	2.95936742
4.07677431	3.61560858	3.75789226	4.47816212	4.74529885	4.6387419	4.67299175
3.27565342	3.14678864	3.25101707	3.23953921	3.4073544	3.57634972	3.40766599
3.39133137	2.93466163	3.17527796	3.43317478	3.62849412	3.67745521	3.77718577
3.66740322	3.16959171	3.25730904	3.62948141	4.12322251	4.09053419	4.01255353
5.0015085	4.5537452	4.62939819	5.00348077	5.26860446	5.29380379	5.26490807
3.31516103	2.97947841	3.2266194	3.47380904	3.85328624	3.8158935	3.77480622
3.90919741	3.32638442	3.56088719	3.95790111	4.46989862	4.34001268	4.13981407
5.53619196	5.14730814	5.20428159	5.0651367	5.35755466	5.30540122	5.2676609
2.11227915	1.58245538	1.68028388	1.26937729	1.59588016	1.47933362	1.58644784
3.60713488	3.51552789	3.58818568	2.75270013	2.97723748	3.23632893	3.25469338
2.36971847	1.85253811	1.91205143	3.87828408	3.97315737	3.91991068	4.04115689
4.7571077	5.46457984	5.44447947	2.54669654	3.14367114	4.09692581	4.10163583
4.12574282	4.76179638	4.72709821	2.47795816	2.89029832	3.63797282	3.79818149
4.57655732	4.78695749	4.69121647	4.05133307	4.21141464	4.51592068	4.57479021
4.67292138	4.40087115	4.51438105	5.02669974	5.32195789	5.15626505	5.10350435
3.83520034	3.69855537	3.80891714	4.02921576	4.40275605	4.4437078	4.52876895
4.40078397	4.02154049	4.15185159	4.4247035	4.56819288	4.51476207	4.56884544
2.15317835	1.03507867	0.96075437	0.53074281	0.65824773	0.29340969	0.38091972
3.59159517	3.56747368	3.6598378	3.94485621	4.00813464	4.03059451	4.18081591
4.5215732	4.32963695	4.3429432	4.07391188	4.49198427	4.42987887	4.48186188
0.08419438	0.12380083	0.08953749	1.00E-04	1.00E-04	0.18987379	0.25083225
2.25051614	1.62573592	2.02330463	3.87743967	3.4525235	3.10916122	4.0401134
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10952198	1.00E-04
0.13579668	0.15477323	0.12748355	0.22015294	0.65529525	0.77264111	0.76136157
4.41733616	4.59464279	4.5922332	3.74848837	3.92586578	4.22065867	4.16814589
1.48746571	1.89137079	1.74097234	0.86200426	1.09961328	1.1649018	1.16467749
3.4379446	3.10279598	3.21890554	3.65241446	3.93337872	3.77756902	3.8476497
4.2930222	4.69943496	4.62085285	2.27215512	2.79629886	3.79578479	3.53965211

1.43139907	1.67499077	1.7614851	0.30626002	1.22049658	2.15387929	2.25273571
3.11185557	3.02130094	3.13489701	1.57825954	1.75049925	1.90789195	2.116328
3.04010241	2.71885484	2.93683554	3.32203318	3.66969226	3.39983478	3.46493855
4.47307159	4.51609042	4.6523486	1.35402043	2.04015778	2.8059749	2.6163375
4.64548184	4.76915403	4.73795021	2.64621233	3.12732609	3.45271012	3.49944122
4.27984193	4.38572094	4.44951836	4.04726256	4.35934872	4.50589268	4.55712823
0.05235839	0.04923937	0.04937572	1.00E-04	0.41577411	0.2013507	0.32242236
5.48584774	6.09633768	5.9574379	3.31513407	3.68878945	4.80512532	4.63312416
1.18033229	0.27871681	0.50980841	2.01287522	1.07050786	1.52577722	1.14215392
0.01577531	0.01615509	0.02848443	1.00E-04	1.00E-04	0.04927392	1.00E-04
4.19837278	4.12232022	4.27905773	3.04281656	3.32594669	3.71768217	3.84716226
4.81725941	5.383984	5.28572488	2.90726036	3.60324281	4.19670158	4.17113688
0.64045047	0.37282034	0.22233731	0.58393513	0.34679054	0.34856798	1.00E-04
1.03228584	0.57374415	0.72231948	1.60110635	1.25690537	1.03903514	0.76317741
4.91886251	4.53461281	4.53095284	2.06171776	2.95372821	2.44969207	2.5032467
1.360244	1.40557349	2.24162302	2.01769004	1.19885307	1.39018173	0.72218535
0.7037965	0.15302177	0.1621743	0.8551224	0.91086636	0.35619197	0.58765902
0.2139204	0.13182045	0.20972807	0.27816774	0.46917447	0.26315633	0.15983981
0.09643656	0.0254254	0.03804275	0.75744916	0.90287667	0.23552768	1.37315937
5.49030843	5.23552469	5.005722	3.59353401	3.49828304	3.28028956	3.59715475
1.05750068	0.64615012	0.94727005	3.31572972	3.47953096	3.2434437	3.48723731
0.3779119	0.24729158	0.36851843	1.00E-04	0.20337381	0.09897061	0.11546483
3.30903137	2.61893428	2.86882382	6.32677151	6.33254396	6.39807652	6.26628586
0.19659112	0.14068638	0.20894186	0.89152118	0.83981855	0.79628208	1.3210601
0.80147408	0.4751829	0.57418188	1.18144626	1.60597184	1.42246589	1.52320815
0.47411273	0.31486766	0.2727286	0.55803095	1.03729774	0.51261074	0.47439866
1.89694417	1.99796617	2.15917734	1.03986125	1.47926252	1.7320114	1.52283712
1.00617219	0.33477389	0.64632009	0.60756009	0.59828661	0.13981854	0.56666105
3.85765094	3.54849771	3.30307711	1.46871014	1.75607507	1.98783993	1.80233338
0.18886831	0.15581762	0.14047183	1.00E-04	0.39073941	0.52240684	0.35604801
0.04604935	0.16696437	0.19128923	0.82382726	0.45590929	0.23910786	0.36734333
1.61266227	1.0523662	1.41125736	2.48494482	2.48540823	2.61818431	2.62135225
0.05659252	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59743303	2.2736405	2.47729579	3.38619231	3.70799303	3.63039766	3.8099734
3.85932564	3.52640125	3.73884985	3.98434044	4.27457886	4.41197674	4.33051424
2.22006859	2.20424607	2.54322144	2.2124105	2.80886725	2.81003002	2.77227262
4.70308167	4.22514157	4.2887011	4.85035336	5.09533561	4.98983748	4.95124135
5.21905031	4.79835429	4.93305907	5.73120639	6.03709652	5.93261684	5.88631219
3.94957635	3.55200134	3.71871284	5.71885046	5.68828973	5.84234629	5.851454
1.54415185	1.32012167	1.47838603	1.07490998	1.38397848	1.23640551	1.44454102
2.82908859	2.79023208	2.93459925	2.91022345	3.26425879	3.25992762	3.24673083
4.00423067	4.45913897	4.24261815	2.22223215	2.5881458	3.08168424	3.14104832

2.81518693	2.48139033	2.65777535	2.94632877	3.19389885	3.28788306	3.3827285
0.6183315	0.8492744	1.01902217	3.71041848	4.01647425	4.30438095	4.4516009
0.28859206	0.18919089	0.31215343	0.41024219	0.52525598	0.39944488	0.48592457
5.49466982	5.49784218	5.38202881	4.46794987	4.52302616	4.95459553	5.00166593
1.1611918	0.74219516	0.93713707	1.34564712	1.43717081	1.20237239	1.60413456
0.20444703	0.24140176	0.33110235	0.23972232	0.44434782	0.51750863	0.54465849
4.69209552	4.68057462	4.73807935	4.1937028	4.3069663	4.41291129	4.49822033
0.37157124	0.299743	0.3557469	0.78645728	1.59299677	0.58893479	1.50115257
0.88567228	1.01832464	1.1344664	1.00E-04	1.00E-04	0.63942397	0.58518047
0.13776464	0.15121794	0.28449216	1.00E-04	1.00E-04	0.07293255	0.06330604
4.5110487	4.20546981	4.27172722	5.22718615	5.33666223	5.40704243	5.56045862
5.3257291	5.24438049	5.28590812	5.58685928	5.91134628	5.90784603	5.85431018
2.94554929	3.11858215	3.2198008	1.04167474	1.41785021	1.94881504	1.98581066
3.88588248	3.22635145	3.58296364	5.29289782	5.24896091	5.14018569	5.22951103
3.70770636	3.54838293	3.60184396	3.23339661	3.39947193	3.48150143	3.40311509
5.1033365	5.48058274	5.41843563	4.24541724	4.50043578	4.75817159	4.7517267
1.81870016	1.92739775	2.03200238	1.52363859	1.66407963	1.73608644	2.01071654
6.04681938	6.87096631	6.63230858	3.31110848	3.88251341	5.16041723	4.84086551
3.43415372	2.7507246	2.93174256	4.16438938	4.54315645	4.32107218	4.40141867
4.17786969	3.98946404	4.17928584	4.32339977	4.72446424	4.70747192	4.94749875
0.30657877	0.15285894	0.24279176	0.65653752	0.14736843	0.17776691	0.42932712
4.07740372	4.12226456	4.17638155	3.49600018	3.94382244	4.07651166	4.15491219
1.19626522	1.13566025	1.24613146	1.05223229	1.50381388	1.56655888	1.69362488
4.66256826	4.21763555	4.41601603	4.1518711	4.39118003	4.36188475	4.50212697
5.02874493	5.58304749	5.5224251	2.75006385	3.10373278	3.93906437	3.88945069
0.02725353	0.01342308	0.04482251	1.00E-04	0.15849197	0.25549889	0.428506
4.93244332	5.28147813	5.02474856	2.15177166	2.72640139	3.33093562	3.11602878
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0055081	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04764846	0.02969794	1.18295303	1.00E-04	1.00E-04	0.14937179	2.18972506
1.00E-04	0.04451035	0.02956671	1.00E-04	1.00E-04	1.00E-04	0.11630214
0.05522351	1.00E-04	0.22929032	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0872115	0.05642706	0.17760711	1.00E-04	1.00E-04	0.05068765	0.20277924
1.00E-04	1.00E-04	0.01331013	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.39861394	5.57917747	5.40366484	2.78133101	3.43926625	3.85838204	3.65016733
2.37169104	2.48737132	2.79626819	0.23360915	0.39733262	0.8005997	0.61912694
0.24195479	0.25650425	0.45823309	0.60050018	1.13025941	0.97093417	1.13284878
0.11389705	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13992168	1.17895385	1.27730237	1.00E-04	1.00E-04	0.33166324	0.33401717
0.55550713	0.30458996	0.33861241	0.51392566	0.12198876	0.56398271	0.55236177
0.89399862	0.37631213	0.78166484	1.42492219	1.47555788	1.69017605	1.89947337
0.03366003	0.0370372	0.04508532	1.00E-04	1.00E-04	0.07464494	0.16042179
3.38643685	3.28970018	3.27379795	2.23053952	2.62614238	2.53666831	2.68106983

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0.85539395	0.32822667	0.37901297	0.67921225	0.72132197	0.96371605	0.58947004
1.32419984	1.0740474	1.31953541	1.22086286	1.68594167	2.25083988	2.11979922
5.22826383	5.20105478	4.31822296	2.01304299	2.45495295	2.71269447	2.63839509
0.57050718	0.19940186	0.20065741	0.1682166	0.7935021	0.80411842	0.92798514
1.08319664	0.8550428	1.03465431	1.05135074	1.69874201	1.8628437	1.95416484
1.9930824	1.81905402	1.88050305	0.68192953	0.63687591	1.01961724	1.05415862
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2.19029804	1.37406971	1.17076419	1.00E-04	1.42770251	0.56254908	0.84091107
0.21294337	0.00601585	0.01333153	1.00E-04	0.55019683	0.28765912	0.74881661
2.01182675	1.99287343	1.93612952	1.79970688	2.23192954	2.41465738	2.6685987
0.02057809	0.08102422	0.02418373	0.83007968	0.49166513	1.00E-04	0.19674662
3.58027219	3.78430757	3.67369343	2.20821763	2.12734367	2.80046911	2.8972081
4.78044981	4.30407796	4.66427388	3.88943491	3.9032992	3.89911767	4.09615688
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09227829
1.00E-04	0.04460361	0.02452665	0.10206093	1.00E-04	0.24136982	1.00E-04
1.00E-04	1.00E-04	0.04592362	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.50332938	4.03307723	4.08802731	4.60992492	4.89210011	4.82028749	4.84218242
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3.42929232	3.62563299	3.95043843	3.45584459	3.22152735	3.2545915	3.64161573
4.92732257	4.2390026	4.35115514	1.99955561	2.14731881	1.79293098	2.23975189
4.87306177	5.1496931	5.1100829	3.60595394	3.91324706	4.32898326	4.39335819
2.3630309	1.3797833	1.93388677	4.23337397	4.82038377	4.38609621	4.41557084
2.4674134	2.07666626	2.25658288	2.85565324	3.03298832	2.75327303	2.70747414
2.84292943	2.6159933	2.84161889	3.17193791	3.60048867	3.47174599	3.48572845
5.23999016	4.58929163	4.76022934	5.89759087	6.13924199	6.07382087	6.00397178
4.0291024	3.83344961	3.9039975	4.14416739	4.35752246	4.36831595	4.35507724
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4.8336903	4.23451339	4.35985794	5.08255471	5.40601704	5.41618099	5.44044967
1.69302852	1.56812524	1.63880632	1.74580853	1.68296344	1.51182048	1.81759994
3.46143979	3.25336519	3.52691081	4.17335945	4.43923435	4.51878025	4.19921866
2.6473341	2.92679878	3.02193677	1.38455004	2.05209315	2.42696159	2.46753564
3.48794837	3.30743877	3.45711811	3.42284195	3.75258226	3.74672281	3.76781694
3.91195808	3.79742638	3.99912392	3.31806858	3.58826607	3.62289604	3.77164011
4.905182	4.38977478	4.53421484	5.69169977	5.93501651	5.81566192	5.88321262
0.15493581	0.19459714	0.22544398	1.00E-04	0.1834672	0.50238085	0.39523112
0.09460494	0.1446336	0.15559448	0.12844662	0.31328798	0.29293534	0.415627
0.54904664	0.67382277	0.65779412	0.51186652	0.39398825	0.54271309	0.72134765
4.39505245	4.23890536	4.44358886	4.58183232	4.93237226	5.03562279	5.04867377
3.08057849	3.12229895	3.26565129	3.30012573	3.2591815	3.52170282	3.36662829
2.85202079	2.68512063	2.67349554	2.87806278	3.38315316	3.44428873	3.36178551
3.54012547	3.65723615	3.67000416	3.22990143	3.53359882	3.6819029	3.7199684

5.0057617	4.95538963	4.89926939	4.88787923	5.1248144	5.13422979	5.20823968
4.12589744	4.18017079	4.22368004	3.1932397	3.86305051	4.02034571	4.06629582
3.65167581	3.5289917	3.70582985	4.11032109	4.4053016	4.42772447	4.53573738
2.51925952	2.87909178	2.7506476	1.47018676	2.08879538	2.408025	2.26321981
4.15034036	4.65853006	4.56890266	1.56850261	1.961038	3.00390844	3.16887712
4.38225815	4.57344571	4.51346043	2.52568692	3.29880619	3.78329407	3.81137365
3.38974452	2.72902127	2.84972028	4.03013438	4.46068347	4.10703578	4.17158558
3.47668251	2.59470896	2.84021999	4.02766727	4.67796787	4.39167629	4.29644956
3.58859348	2.82155352	2.97488301	5.90037493	6.04801796	6.16592503	5.99252783
0.01792537	0.01115289	0.01316716	0.26102953	0.11313543	1.00E-04	0.15505872
4.98488096	4.87166476	4.8889514	5.20905296	5.26394111	5.28600065	5.33570918
1.18582638	1.4114677	1.52077131	0.89233523	1.19969109	1.40656022	1.64729437
1.00E-04	1.00E-04	0.00721973	1.00E-04	1.00E-04	0.05463566	1.00E-04
1.00E-04	0.00737471	0.08629688	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12184514	1.0136449	1.35873641	1.00E-04	0.36497627	0.35308779	0.35825376
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.28318025	3.89079359	3.94540169	4.89318167	5.03495106	4.87269275	4.84665184
3.94657329	4.28961265	4.21612626	3.31097225	3.21961599	3.64310802	3.64163644
1.51140871	1.26264323	1.60134465	2.54941496	2.74077809	2.67923403	2.91078201
0.03438784	0.0303568	0.02785101	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22830993	0.02621008	0.03422329	1.00E-04	1.00E-04	0.19414887	0.37360994
0.11682548	0.06849104	0.08090454	1.00E-04	0.12537857	0.51435867	0.16159858
0.44634799	0.08611613	0.21845712	0.35682888	0.51677594	0.43930447	0.26500347
1.33699712	0.43380046	0.42350892	0.05344231	0.66771791	0.75561425	0.27224699
0.17317149	0.0827354	0.05939266	1.00E-04	0.21438533	0.28141207	1.00E-04
1.93692608	1.78361644	2.16226084	3.74293451	4.16396587	3.97741579	4.1092325
1.16551132	1.2464818	1.41292699	2.79094006	2.86423426	2.78524534	3.0024915
2.86438479	2.86617459	3.02309665	2.01094768	2.20562403	2.42247843	2.70671683
2.89156413	3.13761953	3.28139111	2.27465575	2.90219797	3.04199947	3.09629827
3.12524496	2.38636661	2.31962836	1.44730995	2.05601612	1.15748104	1.49612584
0.12107139	0.02622868	0.04055687	1.00E-04	0.08536672	0.07392749	1.00E-04
1.26484125	0.89276635	1.53071029	0.88497009	1.118854	1.37171003	1.5191952
3.22206852	2.2584416	2.4088435	2.61885262	2.39067651	2.06235618	2.65070463
0.17439539	0.08503528	0.20918543	0.89047208	0.99372487	0.45220228	0.74617024
0.49428161	0.38226025	0.55938016	0.30787904	0.85833744	1.31049503	1.60144432
1.01135851	0.45066595	0.5138382	2.19649335	1.53876431	0.94115532	1.96451839
2.7991276	2.66323361	2.86999393	3.34967707	3.59920673	3.50838337	3.44685722
0.1618375	0.09628179	0.2376499	1.00E-04	1.00E-04	0.14487106	0.2937087
5.25539069	5.56849872	5.39620577	2.38229604	2.80540909	3.39524572	3.32533899
0.43652534	0.30368606	0.3338674	0.16632315	0.11604466	0.4192339	0.46278818
6.44350519	6.13869426	5.89644048	5.82329638	5.92621858	5.89147981	5.92917645
5.29708927	4.86227578	4.77930065	3.16712171	3.23538542	2.92887151	2.93619627
0.57468596	0.61869035	0.69711015	1.00E-04	0.34359504	0.69015681	0.66608269

1.05373216	0.75812466	0.7645455	1.16773589	1.03562482	1.32868949	1.09735551
4.09657646	3.43111544	3.71931318	4.00013159	3.94503	4.09038978	4.13652003
4.13523545	3.68811549	3.97045051	3.86505047	4.00058656	4.03448475	4.1414755
0.4916648	0.26777826	0.28641662	0.59094544	1.43748645	0.89810879	0.90265381
2.71770505	2.69986152	2.64663019	1.3439155	1.48864383	1.93598918	2.12360121
0.56676197	0.33305727	0.45754979	0.7001381	0.75029141	0.54896817	0.8849661
2.54905323	1.76899186	2.16245649	2.7087589	2.93301644	2.65779008	2.93230138
3.06222597	2.77336233	2.87923313	2.41708868	3.197912	2.97305197	2.98930406
2.91048716	2.77017679	2.91668966	2.58316652	2.78409035	3.00445255	3.10256568
2.70000741	2.36632919	2.69774173	2.24647699	2.22803997	2.57047778	2.82175429
2.13924294	2.04229687	1.99254063	2.45884048	2.479338	2.58930541	2.55592946
3.28092817	3.24805941	3.24311957	0.59942325	0.95052126	1.15071078	1.27608178
4.477159	4.12371066	4.41813579	3.76992894	4.02788722	3.9776051	3.96737379
0.43853684	0.27114203	0.30529983	4.21377373	4.3021143	4.53940947	4.68797359
0.06326565	0.07600807	0.03843122	0.37048599	0.06590434	0.23311225	0.40441298
0.18672208	0.33414972	0.37923289	3.2390368	3.4142332	3.45546285	3.14728755
1.24063599	1.19394244	1.37821671	1.91347105	2.05670068	1.98638431	1.78192309
2.35034626	1.83923801	2.33070516	4.1416116	4.42006106	4.36208725	4.50112956
0.30568804	0.16513856	0.42837097	1.00E-04	0.31211674	0.46539506	0.67278387
4.27435438	3.46157325	3.35362461	2.62505106	2.81099576	2.24243564	2.34317194
0.44109485	0.28698695	0.30549622	0.79204844	1.12440017	0.81999624	0.99738435
1.12251971	1.01370193	1.10220009	0.17327817	0.59468344	0.79409809	0.87187556
0.27768055	0.34766071	0.44700339	0.20993265	0.5247423	0.69059245	0.60072558
1.3220333	1.00324786	1.06849385	0.98871276	1.48973015	1.34828446	1.53742889
5.49306841	5.80766575	5.75336981	4.21497951	4.38128819	4.75602743	4.68530819
0.46401231	0.18752908	0.29678824	1.17274655	1.09982034	0.8177622	0.90604986
5.71153442	6.42615896	6.30667141	3.3991425	3.94538029	5.22593606	5.451446
3.27440334	3.28422735	3.32717144	3.47241758	3.54359375	3.74349546	3.94613974
4.08787711	4.10033447	4.0804988	2.24695435	2.33040272	2.79760613	2.85092672
1.51985505	0.99779369	1.41460427	1.00E-04	0.66457584	0.45759851	0.38973644
5.29102022	5.21470889	4.97849545	4.64593121	4.69099089	4.75863567	4.67766985
1.89746604	1.58809519	1.75421846	1.86838255	2.04996549	1.8513465	2.12725676
1.00383114	0.52166494	0.54576289	0.66649324	1.6913781	1.04773589	0.70528992
2.91352014	3.25841759	3.02188584	1.26898325	1.34340937	1.83638674	1.61560503
3.47147487	3.28650374	3.395159	4.34743497	4.70197444	4.4381241	4.42836969
0.07543918	0.10357164	0.09964881	0.27859329	0.11134316	0.09037756	0.21461268
0.7118617	0.14969493	0.43068303	0.25954262	0.23582701	1.00E-04	0.28096092
4.82940608	4.84746756	4.84120057	3.883441	4.28835403	4.42921362	4.43771704
2.34142395	2.46365643	2.54548277	1.87142354	2.11354019	2.36370951	2.8434617
5.47503854	4.72881182	5.08143433	6.73593247	6.89684318	6.89048535	6.81437806
2.03064973	2.15001413	2.22727889	1.07585943	1.56562347	1.4467037	1.48361951
3.99940188	3.11630363	3.16567309	2.97271379	2.64681909	2.6525915	2.87236291
2.33198814	1.90087198	2.23086172	2.25705234	2.16637949	1.82275944	2.20273324

1.04891225	0.25110692	0.33253152	3.75982197	5.25298042	4.00145314	3.83528236
4.2124977	3.11934067	3.44511652	0.97980031	1.50478189	0.96218674	1.58426201
3.21097392	3.22946822	3.39910579	2.33072304	2.15936856	2.12457911	2.37570281
0.02113344	0.12154197	0.13290412	1.00E-04	0.05143167	0.06944654	1.00E-04
0.61801324	0.48909989	0.62514562	1.07856381	1.51989275	1.35120621	1.34669216
0.16110803	0.08935917	0.1309955	0.99411812	0.44918835	0.08521405	0.24445272
2.04436028	0.63849861	0.63646761	0.66390214	1.33646441	1.33608956	1.14853488
0.09126356	0.07636847	0.0258025	1.00E-04	0.17143629	1.00E-04	0.20818501
3.63919246	3.90536846	3.91719121	2.57665851	3.13253803	3.43337641	3.52388825
2.2753401	1.31711337	1.52868164	2.04025294	1.57912245	1.79918624	2.09266557
0.43071224	0.64657251	0.79865831	1.00E-04	0.22112247	0.05020748	0.25211479
3.45635696	3.30556057	3.33334112	1.74475859	2.55892741	2.73328484	2.78950081
0.27292858	0.10628864	0.1173769	1.00E-04	0.34093894	0.28048924	0.13152104
2.0071481	1.35272842	1.56118959	1.45144677	1.95194966	1.55251599	1.57520897
0.16646591	0.13772718	0.17698238	0.46735508	0.34126117	0.18410089	0.28003527
1.22336448	1.28508446	1.45251041	1.3254969	0.8590353	0.72883921	0.27987978
0.69568538	0.18567406	0.25239161	0.17696834	0.47268103	0.38261088	0.69027237
0.30851957	0.14546304	0.15090058	0.15672042	0.61533966	0.49296326	0.34262134
0.12798189	0.12757732	0.24994997	0.3815305	0.26925444	0.06961109	0.41909699
0.10497002	0.04896925	0.11185885	0.2229086	0.15712505	0.54406698	0.49885709
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04711094	0.00578214	0.00905019	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00867384	0.09964689	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59029094	0.41017212	0.60506587	0.18167321	1.00E-04	0.38487507	0.1718632
4.87927918	4.54636779	4.57183307	2.67974501	3.43866536	3.81804879	3.94061594
0.64439293	0.22317519	0.24330899	0.74404967	0.68814541	0.42725129	0.47874413
1.9951569	2.29603628	2.30273794	0.93538265	0.97341868	1.4084715	1.25360303
0.04491292	0.04061565	0.1316602	1.00E-04	0.50519355	0.40506108	0.47167172
0.04748723	0.09468526	0.03884373	0.28031942	0.54084962	0.19943178	0.23265194
1.00E-04	0.04353179	0.05143159	1.00E-04	1.00E-04	0.10837643	1.00E-04
0.52035218	0.55441732	0.56799819	1.03567727	0.5693414	1.09138775	0.74273846
0.22842907	0.0505261	0.11839232	0.37481647	0.3638157	0.9124045	0.68812709
3.20781018	3.20759008	3.26448352	2.67744463	2.91989353	2.97602599	2.96237677
3.71088165	3.47205343	3.7566804	4.12353011	4.38445011	4.3922398	4.53968654
4.0483293	3.45218311	3.65921711	4.59317272	4.82260583	4.67140551	4.6781991
2.63710371	2.49762731	2.48752328	1.46726551	1.93375421	1.81110696	1.74198225
2.7532406	2.98785909	2.99469094	1.14888692	1.92661822	2.15243349	2.3014559
3.10542487	2.98831936	3.04292304	0.7050366	1.48209519	1.6418486	1.41331598
4.96064637	4.65048242	4.64756126	4.90006963	5.09310499	5.07164097	5.09537087
0.07432146	0.05012991	0.18092668	1.00E-04	1.00E-04	1.00E-04	0.20907912
2.80793281	2.23651831	2.81008683	1.76321721	1.96227888	1.78314064	1.96417105
3.93808034	3.47355364	3.69862377	3.963183	4.19520283	4.24073598	4.32888483
3.3029054	2.80145058	2.95933381	3.62781447	3.91770425	3.54357158	3.64879056

0.03408541	0.04113076	0.09969137	1.00E-04	1.00E-04	0.1522176	0.04015628
0.1035851	0.08585508	0.22562197	1.00E-04	0.61201333	1.00E-04	0.42704833
2.53127525	2.12091658	2.70735397	1.73357846	2.25101842	2.11436243	2.00438249
3.92786964	1.72871939	1.43352822	0.44798579	0.92841017	0.26390257	0.66027264
5.56312387	5.54047122	5.53904176	3.37073239	3.50310141	3.75894705	3.55607239
0.11245723	0.05671006	0.04087237	0.71816406	0.44744792	0.3969601	1.00E-04
0.39555253	0.27382548	0.27509947	0.86317731	1.00969219	0.81220642	0.9556798
3.58725639	3.18499694	3.28218365	3.06877438	3.70282828	3.5724443	3.45255785
3.40835827	3.31639403	3.11126012	2.87530356	3.23216293	3.45757113	3.61174354
0.06638595	0.02340798	0.04991113	1.49731488	1.46305842	0.9099711	1.63902065
1.08430103	0.52209393	0.72173974	3.56254988	3.5557045	3.89010098	4.01156818
2.69217213	2.40615615	2.54527891	2.58862631	3.36135912	2.94114282	2.70960261
5.29193865	3.51969552	4.16567467	1.08627701	2.20524131	1.68880862	2.48971869
0.04967674	0.11949853	0.13562683	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.50643828	4.8075742	4.65808621	1.70402433	1.83440602	2.49811368	2.40158008
1.00E-04	0.00652635	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.10895574	2.78198396	2.9870029	1.27877782	1.49502435	1.73425687	2.17253089
0.07424294	0.04114994	0.07444032	1.00E-04	1.00E-04	1.00E-04	0.09691495
2.2364417	2.43056977	2.28248476	0.24448956	0.32930674	1.02689012	0.587734
1.24516954	0.53610772	0.75142642	0.63983297	0.81643022	1.06941691	1.72601077
0.35590743	0.28192382	0.46001077	0.15712431	0.40207926	0.47372496	0.16976334
0.32105243	0.48332295	0.48043268	1.00E-04	0.2865465	0.22965701	0.116764
2.36881004	2.35045539	2.51287886	1.52271956	1.61567254	1.83862586	2.41582119
3.53644153	2.5796897	3.0732946	4.08569641	4.05987474	4.19507188	3.97570742
4.81599933	4.41484204	4.39791552	4.17893248	4.46022893	4.33131325	4.44256615
6.34996202	5.44777233	5.54771261	6.80661233	7.07493838	6.99923971	7.00319395
3.17842567	3.34269409	3.38677999	2.55562936	2.40356242	2.91201578	3.15443874
4.35641806	4.05940796	4.16047111	3.83645203	4.24615103	4.08247434	4.26984208
0.29287867	0.14679905	0.19138849	0.4903246	0.18685432	0.45565373	0.41204835
0.14608984	0.18505086	0.26655163	0.2159217	0.73989903	0.51267177	0.59890652
2.54758143	1.95100551	2.21637524	3.45616285	4.1420671	3.94194722	3.87127075
4.54215985	3.90705636	3.95474657	4.53718932	4.90659911	4.73736925	4.77773521
2.99299965	2.58515504	2.72148236	3.41564081	3.71136283	3.49950773	3.6363679
3.7528277	3.98462749	4.00557705	3.7885193	3.99679739	3.91317861	3.96821784
3.45462834	3.59401039	3.70607516	2.87461618	3.25204258	3.42177392	3.44331191
6.29933788	5.60219014	5.6004129	5.63629592	5.90835329	5.70881858	5.5847812
5.10098918	4.31465376	4.32611502	5.18243934	5.61946337	5.20579565	4.67294267
4.5077365	3.91822922	4.02648215	4.92197946	5.25287373	5.01763906	5.00244828
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3.28026696	3.60220389	3.61422454	0.87179765	1.15315059	1.92910763	1.46408907
3.62908827	3.25712389	3.49997856	4.20736857	4.53787661	4.32997736	4.51661779
3.90881616	3.82295786	3.84703455	3.68068257	4.06354357	4.13638116	4.15064311
1.54461531	1.25661525	1.56904415	1.81128588	1.73669788	2.18549646	2.41299192

1.27464564	1.33727319	1.39367113	1.29937026	1.32538079	1.3548178	1.45893663
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1.92191827	1.93839671	2.02049554	1.33550668	1.62482803	2.23834401	2.12975367
3.45461586	3.60322851	3.59812631	3.01483324	3.42111503	3.64930271	3.50680703
1.00E-04	0.11130386	0.18680438	1.04828855	1.4016806	1.9058052	2.15537113
3.17863897	3.70599447	3.67672809	1.01215365	1.37073432	2.46612236	2.59334762
0.10868451	0.07510345	0.08667477	1.00E-04	0.40128142	0.63124313	0.35815791
0.04758735	0.06778429	0.03041764	1.00E-04	0.23913296	0.20091857	0.14522298
0.18104007	0.06927271	0.04451841	0.24772777	0.2990798	0.43409731	0.22210107
1.00E-04	0.01414444	0.01075537	1.00E-04	0.19068288	0.20097833	0.36029043
0.12753656	0.1493885	0.25130838	1.10556854	1.47218805	1.25394097	1.38077933
2.15724383	2.00807315	2.33706867	2.54815416	2.99584341	2.99345959	3.44067214
0.2065401	0.19228679	0.18083315	0.29521955	0.28755119	0.72252415	0.56466315
2.67443823	2.39495492	2.81134766	7.43109605	7.52873264	7.66829486	7.73057523
5.82022182	5.68461246	5.73880876	4.60405943	4.68241588	4.77295606	4.83015455
4.93289535	4.57471378	4.7297183	5.40092661	5.3762569	5.0071395	4.9714292
1.00E-04	0.06219055	0.12352731	1.00E-04	1.00E-04	0.02579539	0.05609561
4.90719866	5.05635127	4.96740975	4.10913188	4.52149352	4.45455973	4.50681818
1.90354094	1.71479365	1.77980958	1.494142	2.33408676	1.85098845	2.1358888
0.0864442	0.01643106	0.03068569	0.27905525	0.3943627	0.06470039	1.00E-04
1.00E-04	0.00308484	0.00667396	1.00E-04	1.00E-04	0.16092583	1.00E-04
4.827169	5.17482685	5.10550427	3.71752831	3.85178357	4.41313536	4.25504629
1.53919933	1.40918041	1.55698425	1.88982605	2.37932943	2.0692706	2.47200992
3.76598762	3.86598745	4.17107152	4.26796172	4.54399642	4.5771651	4.80423965
1.5893138	1.04734252	1.3206367	4.77115236	4.93591007	4.80658024	4.5532496
0.90237436	0.56945251	0.75473324	2.93081922	2.67258225	2.78751939	3.08687071
4.20185429	3.99107696	4.0217649	4.28875451	4.62343309	4.4841674	4.61826142
0.91597009	0.72527535	1.00581895	4.67892356	4.69322383	4.41463377	4.70513587
0.5089869	0.26855224	0.37723997	2.96412502	2.75502092	3.44426854	4.06230893
2.76958285	2.66810651	2.8159095	3.04110559	3.04316788	3.44258217	3.39640978
1.8660028	1.88705979	2.28866553	0.8736622	0.67968188	0.76813026	1.35698993
3.55261292	4.28074666	4.40062586	1.22259922	1.71124256	2.52163124	2.3727968
3.28320934	3.49581081	3.40381386	3.54116015	3.75320233	3.87318653	3.92390505
1.3708658	1.72091734	1.24988101	0.58048038	1.67757924	2.29243096	2.21447162
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.78372256	1.81786087	1.87639299	1.29927139	1.23757767	1.36337513	1.77808093
0.0338428	0.01035167	0.02812254	1.00E-04	0.14375863	1.00E-04	0.15032532
0.25474057	0.13906717	0.1190718	1.08320479	1.14651273	0.71028211	0.78434289
1.00E-04	0.00447335	1.00E-04	0.16962102	1.00E-04	1.00E-04	1.00E-04
4.05529947	3.30023493	3.5424194	4.24689713	4.62417597	4.54068136	4.48970484
6.12400231	6.08534985	6.10355666	2.81267263	2.88071984	3.32988972	3.44910738
5.08654888	4.58110763	4.73646397	3.3848579	3.61425046	3.74361179	3.670682
0.20050094	0.03208362	0.06363428	0.21471554	1.00E-04	0.1514253	0.33571025

2.44939348	2.01016377	2.32474208	4.17066619	4.24503561	4.32201239	4.22765243
0.3522555	0.37923459	0.41408725	0.55006288	0.90319399	0.65974928	0.65112328
2.18663455	2.2751439	2.424729	2.04854415	2.07436419	2.26971445	2.30043621
0.19804834	0.15092448	0.17684163	0.40331116	0.72368682	0.5423749	0.9369516
5.02419232	4.75415263	4.73770026	4.959044	5.03031661	5.25022631	5.29301749
3.61819099	3.29669058	3.48057677	2.88021094	2.99683879	2.65997528	3.04288054
0.50976039	0.28428116	0.26904929	1.16872567	1.30683259	1.5775515	1.29225673
2.9816869	3.00372342	3.16212399	2.39465118	2.67734204	2.75687454	2.77790174
1.00E-04	0.02050585	0.02707813	1.00E-04	0.320705	0.13697525	0.08132949
1.00E-04	0.02724197	0.05044353	1.00E-04	1.00E-04	1.00E-04	0.20153738
0.6023255	0.54004473	0.72108028	1.03235531	0.58011802	0.96626353	0.77939617
1.31911452	0.87318117	1.10506721	0.93359501	1.7711832	2.17435578	1.87043074
0.040174	0.00293732	0.00714124	1.00E-04	1.00E-04	1.00E-04	0.05980035
0.03980074	0.03933229	0.07322541	0.90206212	0.87679	0.80765871	0.64934188
0.14400283	0.03927011	0.04004114	1.00E-04	0.25130422	0.03834887	0.32450751
0.06102975	0.08093943	0.0936643	1.00E-04	0.49478923	0.11359413	0.25072816
3.66426221	3.14956781	2.81757695	1.5490708	2.12365791	1.31864755	1.49192333
4.42294337	4.43969163	4.31360802	1.50637037	2.22067876	2.70214971	2.41735696
4.05942728	3.9390368	4.01496547	3.82665405	4.13755903	4.13402348	4.07115254
0.7412444	0.4036981	0.63205709	0.18498288	0.09409409	1.00E-04	0.30481678
0.41676079	0.37324135	0.43539551	1.05472043	1.67268814	1.96741987	1.34580004
4.92058168	3.1075426	3.53522771	1.53200827	2.05242611	1.57189383	1.60104185
1.00E-04	0.363903	0.26866076	0.26046994	0.33261026	0.89149407	1.23377198
0.22265934	0.11969357	0.11700486	0.21922759	0.38584423	0.69057491	0.6570713
0.4157441	0.49267499	0.72837305	0.37989178	0.47658523	1.32418963	1.23886032
0.19280786	0.05307366	0.11424762	1.14955881	1.19604227	1.1012069	0.98143275
0.22272905	0.15423833	0.29101369	0.32029834	0.97815503	0.19506752	0.96972077
3.77227309	3.79966528	3.93618489	2.94909172	3.25937037	3.32066809	3.35973295
1.40670844	1.29168519	1.72139663	1.55585197	2.15638664	2.91364041	2.93627367
2.93668006	2.79399739	3.01745232	2.3531857	2.60281623	2.53951238	2.52295009
3.13392166	2.8826274	2.94780973	2.85257035	3.21793245	3.37262245	3.39616767
1.68485705	1.69556385	2.19988787	4.75636948	4.80685371	4.79121567	5.04979354
0.23466211	0.22842207	0.21384363	1.00E-04	1.00E-04	0.31938721	0.30392457
0.33926682	0.15083192	0.19122821	1.00E-04	1.00E-04	0.2050265	0.07828184
0.11454403	0.12558485	0.04299515	0.19304367	1.00E-04	0.08521712	0.042505
1.00E-04	0.00650139	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00319193	0.02352338	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02555795	0.00883982	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.13319265	3.86355459	4.12147931	4.09598644	4.56839471	4.37801486	4.44277577
0.09783133	0.04640081	0.0351201	1.00E-04	1.00E-04	0.12521753	0.05419315
0.41076921	0.13015937	0.16215563	0.38579634	0.41306443	0.31839267	0.22267354
1.36204094	1.32957128	1.34520149	0.70410466	0.45046489	0.82290049	0.70046186
0.10645685	0.02486142	0.01484913	1.00E-04	0.11274864	0.13688107	1.00E-04

0.699575	0.51543909	0.6683349	0.86429001	1.59478472	1.61594896	1.37492561
3.02241392	2.66869819	3.03142204	1.29965217	1.64757019	1.75780616	1.94948954
0.94037793	0.98641619	1.16370959	1.31935539	1.30418348	1.00729179	0.83698572
2.97663169	2.7299855	2.9468714	2.5810612	2.62023851	2.86516996	2.94726127
0.05701774	0.01624861	0.03461792	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32186749	0.2191268	0.33921061	0.26144656	0.79158927	1.01138396	1.08565952
2.55433628	2.95235573	1.96331135	0.71950362	1.56674726	2.04772081	1.41844918
3.80353733	2.95248651	2.75520991	1.3574651	1.30816022	1.6996356	1.43018681
3.10647265	3.17074201	3.4423948	2.45685296	2.47616922	2.83483364	2.97153018
3.87931952	4.08871024	3.96346501	2.77279355	3.17675582	3.13445318	3.26363651
0.37331784	0.56691848	0.3414512	1.00E-04	0.14130257	0.29353532	0.13478798
0.03349381	0.00826759	1.00E-04	1.00E-04	1.00E-04	0.05782845	1.00E-04
4.02530871	3.759389	3.70374487	4.03359178	4.35185626	4.49485046	4.40922527
3.51506936	3.04007111	3.36181288	3.58734427	3.95863495	3.78182847	3.84638439
0.10337801	0.03620078	0.01336991	1.00E-04	1.00E-04	0.03645012	1.00E-04
1.05553159	0.45475806	0.54827105	1.31885181	0.91709813	1.29499119	1.10987979
0.70351413	0.34214955	0.35676153	0.62911749	0.80070925	0.60884193	0.41351319
4.86520002	4.52180462	4.67424712	1.85738814	1.97788845	1.91111713	2.20352075
0.28837695	0.44688321	0.45487644	0.45241372	0.46759496	1.11102361	1.1147381
0.54826731	0.51611327	0.58426802	0.10153748	0.43675621	0.33953785	0.48849198
2.92833704	2.99579209	3.07913384	1.77325642	2.26229437	2.38311916	2.34582401
0.15201481	0.15508618	0.22476822	1.00E-04	0.07958553	1.00E-04	1.00E-04
1.00E-04	0.0155537	0.02519133	1.00E-04	0.11917387	1.00E-04	1.00E-04
1.38928884	0.85023213	0.98098222	1.45583989	1.56390193	1.15186545	1.48889055
1.43582731	0.88370457	0.89628907	1.77908348	1.77445521	1.73618084	2.1678671
0.07179651	0.03698032	0.01058048	1.00E-04	1.00E-04	1.00E-04	0.30767789
0.09269465	0.02991739	0.07030431	1.00E-04	1.00E-04	1.00E-04	0.42866074
2.61403583	1.71830915	1.69318019	0.15292088	1.16450652	0.82794946	1.0343503
1.82314238	1.51022063	1.67037721	2.19981755	2.79830205	2.36935938	2.44409246
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01087455	0.04379369	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12964137	0.02205324	0.04451531	0.2025128	1.00E-04	1.00E-04	0.20731717
1.37633157	1.09601184	1.28875478	1.67057764	2.28106842	2.58342336	2.44660172
4.91576243	3.92806281	4.21511199	4.63000602	4.83147544	4.73760945	4.7067532
0.02155416	0.06493877	0.07371311	0.09566338	0.15657987	0.1790785	0.50056906
1.96740569	1.2538242	1.51678934	1.43177384	2.18335056	2.03013139	1.989427
0.18240847	0.07402268	0.170228	0.45332104	0.16395288	0.09559626	0.26129281
4.74617931	4.36523877	4.03862964	3.47279532	2.85058038	3.06460051	3.73650079
1.47513605	1.92255275	1.81512717	0.2075173	0.75457944	0.32406425	0.71113207
0.10135833	0.04072612	0.03999289	0.11488395	1.19929556	1.26130917	1.96954834
2.93756839	3.09244262	3.10528577	1.52859912	2.08260421	2.22381976	2.52147023
1.65109072	1.75556015	1.94172198	0.78034899	1.21046949	0.9765554	1.1134204
3.1996367	3.6486917	3.58503362	1.65192197	1.99511454	2.49539069	2.38973516

3.51712804	2.86606508	3.08648518	3.63268773	4.14783023	4.36326998	4.23731503
4.86296809	4.34982398	4.4640615	3.90962196	3.91304555	4.00166905	4.2106749
1.71311557	1.47406125	1.60193009	2.29787057	2.52876832	2.42817997	2.6555151
3.77407767	3.40178361	3.65461417	3.62102673	3.80544164	3.71520084	3.79981456
3.25117171	2.91922937	3.039798	3.35643847	3.83594932	3.79904876	3.88310857
1.31866774	0.60390579	0.84423726	0.90021937	1.57990785	1.62062464	1.51987341
3.20974442	2.91390838	2.96322055	1.46075462	2.15079512	2.25088497	2.2493579
0.12515816	0.21831244	0.24660576	0.140637	0.32310762	0.22629315	0.18385946
2.2696843	1.96795954	2.05965183	2.82091321	2.99017417	2.85000866	2.47060163
0.64906582	0.24642628	0.43288725	1.88877978	0.915248	0.68947327	0.75233559
1.00245694	1.04430296	1.11986616	0.9976501	1.34055489	1.35593243	1.72384998
2.17015775	2.20824564	2.18776984	1.73894001	2.0089296	1.78077132	1.67226411
4.48157728	4.31740834	4.39484367	4.05349189	4.11991414	4.07420106	4.24971645
3.57951266	3.56541156	3.64427128	4.29769339	4.15007083	4.19569207	4.51668191
4.11734172	3.79537714	4.00857075	4.90135523	5.14133152	5.17790126	5.17324929
2.91090071	2.86083896	3.04716293	2.20966479	2.17685454	2.5418251	2.31861224
3.03308664	2.90274824	2.86541918	2.67922995	2.8843756	2.84523645	2.94553423
1.7458664	1.4822966	1.67945156	0.58883879	1.39323994	1.02761047	1.49179582
4.92276684	5.72380988	5.68562711	3.24620074	3.67159616	4.33792997	4.36967813
2.98906948	2.79397907	3.0083091	2.70572473	3.40041064	3.17146054	3.26164576
0.40276946	0.23824057	0.22167374	0.44238651	0.33740152	0.1084261	0.25684916
2.55798414	2.24934386	2.30827382	2.55859644	2.5588251	2.74253254	2.88209348
4.16524158	4.02821005	4.02917722	3.38561256	3.90943432	3.7397128	3.56962558
1.12262003	0.7712577	0.81726961	0.93888505	0.91446826	0.89630823	1.08805539
1.72328058	1.69740874	1.890902	1.44639444	1.4003758	1.89084689	1.97361786
3.57206146	3.61576218	3.72141375	3.43042115	3.704618	3.69381677	3.83230099
5.10825147	4.62023372	4.53717105	3.22684633	3.44335663	3.63110777	3.70129988
2.18864561	1.97976821	2.22442098	2.72719972	2.85589251	2.87776922	2.87948885
2.60523053	3.23529225	3.14361869	1.54504387	1.46277475	2.2063906	2.38176354
3.92018	4.30058355	4.31867044	2.34367401	2.841829	3.54500391	3.49448595
3.42589045	3.76574292	3.63170729	3.02530484	2.99495866	3.24296178	3.59515275
0.32126009	0.3357937	0.38531518	0.56063476	0.26335309	0.31648268	0.1733472
2.02713304	1.80073787	1.76156619	3.69592341	3.70776821	3.86461848	3.75214261
2.18297873	2.12585039	2.35432147	2.12176697	2.45374785	2.30099664	2.51420322
3.46976902	3.18290111	2.70203317	2.03235297	2.63722683	2.51489623	2.67909136
0.43154099	0.50876652	0.79754938	0.92154489	0.89563133	1.23771321	1.85979835
3.50648282	3.54557486	3.69988812	3.02784335	3.10839701	3.42841492	3.53884204
0.89264477	0.51873146	0.66086848	1.00E-04	0.39935964	0.33433894	0.32516288
1.00E-04	0.03889231	0.04054864	1.00E-04	0.13325287	0.05265731	1.00E-04
4.57411235	5.45339035	5.33153436	2.23826849	2.7871206	3.91114012	3.82951992
0.92247438	1.34474271	1.19054847	0.4574325	0.2195988	1.17546607	0.99405313
0.06614637	0.17871396	0.1038992	1.00E-04	0.09473845	0.37477296	0.65101229
1.75527245	1.66971791	1.97268431	2.33458254	2.77144679	2.77164986	3.01105718

1.10850715	0.86598775	1.1121719	1.02508312	1.36232558	1.68815371	1.91072856
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.76605801	2.42294255	2.65990985	1.53049035	2.32887303	2.0030941	2.32330482
2.8186937	3.05143141	3.13593633	2.5486886	2.92928771	2.99792321	3.29519325
0.45992993	0.40427048	0.59654595	0.08600548	0.40830191	0.83282296	0.93527308
0.65189305	0.53932965	0.83920263	0.32313026	0.25691217	0.09166338	0.29250751
0.25994313	0.18825119	0.3054971	0.3846766	0.53057768	0.63173498	0.55929727
1.17671553	1.13454389	1.25134477	1.32775331	1.30684938	1.29288021	1.32748632
0.11132119	0.01769695	0.03769924	1.00E-04	1.00E-04	0.1561776	1.00E-04
0.73536622	0.34672171	0.57349397	1.3239591	1.64408927	2.27465544	2.15576472
0.33325074	0.13439244	0.06137397	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95362502	1.95659629	2.14410683	2.19649926	2.30301691	2.18520697	2.45928749
0.77649037	0.3902272	0.37276046	2.9659962	3.30371534	3.35946095	3.13310117
0.4202132	0.20002327	0.45385133	1.00E-04	0.76015263	0.39651047	0.41992983
2.51642615	2.20192766	2.26814842	2.83308262	3.06223624	3.03825311	2.87886242
2.40747096	2.55592689	2.55541351	1.39492482	1.97361176	2.02227786	1.92375019
0.03578877	0.04424667	0.06398364	0.43035465	0.56741668	0.05218491	0.3074284
0.45480311	0.17355876	0.19627667	0.13046084	0.61314349	0.22243693	0.04979202
0.28752943	0.11843975	0.05941146	1.00E-04	0.30989454	0.13990286	0.19673043
0.53452795	0.26750151	0.4138886	0.42007313	0.36950019	0.13524137	0.74028413
4.09503887	4.52284198	4.44754756	2.37001648	2.75338481	2.85778168	2.75328366
0.17961352	0.27256112	0.27721504	1.03969376	0.61339196	0.75012532	0.64398729
2.89518153	3.02353832	3.12286558	1.7201749	2.06928754	2.19006635	2.26931127
0.97126896	0.42235226	0.52861214	0.06571364	0.84613815	0.39720071	1.04876948
1.88350016	1.25074821	1.59440366	2.47915104	2.87425308	2.29847818	2.14143827
1.91031647	1.39109064	1.57326117	1.65633405	1.1737097	1.34662928	1.5682897
1.03491545	0.6818134	0.77579019	2.24571556	2.24683949	2.14654131	2.10513304
0.38658849	0.19310667	0.2071971	0.47327043	0.82051244	1.16611983	1.46361713
4.26801102	3.7202346	3.84702542	2.31680597	1.97008837	1.87716596	2.03427378
0.02214826	0.01020566	1.00E-04	0.09841361	0.75600198	0.27384582	0.14480552
3.89925035	3.77668115	3.4735683	5.01068898	5.08069973	5.36715081	5.2759517
1.00E-04	1.00E-04	0.00850468	1.00E-04	1.00E-04	0.09176924	1.00E-04
2.27739472	2.33271171	2.42646312	1.46303703	1.99224973	2.45161664	2.729538
4.14007724	3.62923568	3.68960884	1.16421328	1.11840843	1.09583471	1.08459089
2.91957408	2.84365714	2.35928872	0.82110103	1.39898127	1.45962318	1.51084105
0.08115326	0.02579632	0.04018952	1.00E-04	1.00E-04	0.04428744	0.11287916
2.83850846	3.14020063	2.98020354	1.36068531	1.6705148	1.7452962	1.7526019
1.6920056	1.34370365	1.36446314	3.678873	3.61482991	3.49936099	3.36888874
2.93129644	2.42516011	2.4752602	1.93139474	2.24734964	2.08923842	2.50282452
1.00E-04	1.00E-04	0.01019791	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07768313	0.03697605	0.19506103	1.00E-04	0.44062907	0.20566743	0.15904496
0.05130949	0.09771342	0.06266862	1.00E-04	1.00E-04	0.26656598	0.28931685
2.81400502	2.56372511	2.9083238	1.19044765	1.4195477	1.27017062	1.41919318

3.59777133	3.32036684	3.4825064	3.57846003	4.03774149	4.01043189	4.03126071
2.79493983	2.54109694	2.73568655	3.32487558	3.34306941	3.53044382	3.57564043
3.66727267	3.18761463	3.36179905	4.08895584	4.38000732	4.25388963	4.33802319
0.52275589	0.5782554	0.74943472	1.00E-04	0.44495942	0.58355192	0.31162376
4.56344428	4.05435868	4.14821959	5.07769539	5.33847557	5.24036329	5.24645561
2.99440245	2.94698982	3.21918621	2.37923706	2.61196027	2.74203862	2.98489695
3.37266993	3.66073647	3.76790969	1.43940155	2.1760971	2.43726687	2.46608122
2.75391797	3.04385974	3.12902961	2.90850373	3.13676096	3.30799146	3.56253735
1.00E-04	0.02991173	0.01218651	1.00E-04	1.00E-04	0.07408829	1.00E-04
0.1321374	0.19686269	0.56583497	0.15588565	0.76390292	0.22401705	1.24943065
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89829489	2.84288836	2.9225272	3.41676331	3.60983371	3.80146426	4.00368359
2.47143393	2.51254004	2.57216837	2.73727969	3.2201592	2.931145	3.03745965
3.22209345	2.80066541	3.03627581	3.72759567	4.13865181	4.0939121	4.14447741
2.58488591	2.74268738	2.85329409	1.06745981	1.36361451	1.94605473	1.80879677
3.50196607	3.38617721	3.43861858	2.81360131	3.23428515	3.32405708	3.43335514
3.17615221	3.39471496	3.35918013	2.16879455	2.61912382	2.73580722	2.7089762
2.38504704	2.42029474	2.54955496	0.6439761	1.30723446	1.82839386	1.96042314
2.6419007	2.67558145	2.93781649	2.81717962	2.59278321	2.851177	3.1544951
2.10495388	1.9024328	2.19110349	1.9641085	2.31376997	2.62978212	2.67860776
1.9840734	2.17874751	2.13608272	0.42811026	0.90282694	1.20681494	1.13537127
3.67017763	3.72928035	3.86829786	3.37348456	3.5133578	3.64273071	3.62135473
3.41885335	2.8480264	3.0085594	4.27170564	4.62621278	4.55890772	4.24811708
3.50843666	3.38329888	3.47488537	4.27207743	4.43060067	4.50128059	4.61880697
0.31940024	0.18115502	0.18075516	0.62639054	0.49727002	0.46519293	0.76218896
2.80161922	2.54950103	2.67989341	3.47365851	3.94928172	3.65346952	3.51202141
2.16576854	1.77628663	2.19496668	3.60032344	3.7732859	3.70580104	3.71666424
2.4363731	2.2593179	2.54971527	1.95209344	2.27056647	2.02376497	2.36156882
1.15219394	0.50328141	0.83197903	1.17254925	0.84450106	1.16717779	1.60347481
0.3056204	0.17838283	0.43145689	0.13919279	0.25418064	0.32136743	0.40844407
1.97493188	1.40441267	1.38779108	2.8561063	3.11789045	3.2488009	3.00325329
1.03108525	0.95177161	0.98604654	1.47754906	1.25751634	1.39254165	1.72094671
0.13061662	0.04647404	0.08574455	1.00E-04	1.00E-04	0.16059473	0.09976391
3.55402979	3.08053088	3.28888542	3.33032676	3.49096847	3.32819803	3.39600006
2.49929494	2.05645316	2.38153523	1.95223049	2.15597958	2.26230478	2.23104674
1.27618701	1.46500909	1.62413897	1.12382128	0.96747511	1.24564838	1.93008558
1.58243943	1.78982722	1.78217279	0.24181526	0.31584392	1.01064035	0.47925613
2.9453819	2.44067234	2.80306083	2.52187496	3.14599968	3.01826029	3.17654304
0.04498794	0.05523961	0.04451789	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2411843	0.25284575	0.42344041	1.00E-04	0.69366037	0.23939588	0.13473649
4.33077544	4.33057565	4.42241802	2.76148329	2.82673987	2.9070031	3.1855719
1.26904739	0.85991812	0.7507839	2.74000367	2.91197919	2.75942026	3.01585656
2.83029441	2.84831516	3.19292851	0.84758408	0.53317789	1.04939669	0.85787592

0.62192555	0.39359013	0.64782871	3.306025	3.48077171	3.50597291	3.68369725
1.4257918	1.78609576	1.75587025	1.0209549	1.33612235	1.18025704	1.61324531
5.03587752	4.07155114	4.46325409	5.98745357	6.45553654	5.99205966	5.97221926
3.74698476	3.66334589	3.7668873	3.90312622	4.12595119	4.08159512	4.15055903
0.0826428	0.13055424	0.19106289	0.24351024	0.71698271	0.40379109	0.72029102
3.31568184	2.83057129	3.20528898	3.97738358	4.22083158	4.53533982	4.61693963
0.03043288	0.01727398	1.00E-04	1.00E-04	0.15454598	1.00E-04	1.00E-04
1.97598162	1.56320038	1.64973894	2.38101159	2.53946045	2.54153552	2.72584841
3.79535938	3.3094451	3.41199104	2.89051406	3.13346029	3.25973908	3.05466186
2.92092302	2.74775951	2.80903924	1.32005856	2.17529821	1.95191735	1.70593694
0.77708238	0.27939528	0.43415497	1.39598571	1.77307814	1.15658196	0.98680603
4.54216275	3.96126596	4.24812307	4.42274748	4.82994483	4.91474704	4.86547833
3.6416931	3.86129877	3.88249159	1.41578345	1.4328602	2.31586827	2.42748657
3.95468774	4.3035567	4.53896585	4.13457281	4.33767385	4.48891984	4.61065804
5.0395393	4.70746153	4.76033036	5.38082676	5.56296425	5.42900435	5.4594654
2.21234318	1.75111227	1.55098206	1.00E-04	1.23394058	0.65960524	0.57357865
4.3586307	3.95770819	4.48535416	1.88812902	2.05462867	2.50726016	2.65630495
1.30125261	0.90318615	0.99398236	2.37280419	2.67063448	2.83851054	2.60686664
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62754039	2.93287336	2.8601466	1.477949	2.01371945	2.04707169	2.34820936
0.3050894	0.69534114	0.72576736	1.00E-04	0.38113139	0.40266855	0.48401602
0.24207982	0.13263847	0.1791935	1.00E-04	0.50822122	0.55871608	0.85215858
2.90053856	2.71225321	2.88180128	1.95710571	2.45441573	2.63545355	2.71638214
3.14458724	3.33654738	3.36113991	1.94303593	2.47586081	2.66224718	2.737339
3.46363453	2.32528292	2.31586408	3.04141018	3.71133521	3.129937	3.34561341
3.47779068	3.12853875	3.31112538	3.85992708	4.23022872	4.08558803	4.20170943
1.03140191	0.86385627	1.07559363	0.9437142	1.74333403	2.42473199	2.33401824
4.72676138	4.61495201	4.59190593	2.95602094	3.30409449	3.51048663	3.60093746
2.41434219	2.59308622	2.64252422	1.70677087	1.35530863	1.963232	2.22709331
1.55244993	1.35571599	1.60000517	2.62034069	2.54000754	2.46419987	2.50922388
3.19528858	1.66254056	2.3715658	2.36909655	2.75884368	3.01705203	2.77695016
2.32531178	2.48157184	2.67214894	1.76610492	1.81586074	1.99917334	2.32823072
0.77546312	0.5670409	0.60578309	1.24562482	1.82175844	1.54931931	1.51478744
4.52990353	3.96931938	4.18474118	2.8369864	2.75517125	2.40986023	2.89190168
3.65151756	3.46903182	3.61229232	1.41896388	2.07598136	2.48572535	2.44525336
4.49789465	4.24164029	4.47368045	3.4673353	3.5440647	3.54585427	3.7952024
3.08177877	3.31556166	3.3731292	3.94748131	4.07640767	4.06329174	4.0045826
0.33989816	0.14283909	0.17584094	1.00E-04	0.12966473	0.53685139	0.48079763
0.69574626	0.32963307	0.38102143	0.99013212	0.83543865	1.31246954	1.14757854
2.56228893	2.08322167	2.30505611	2.50761858	2.22458415	2.44503182	2.46587417
0.36716222	0.10659938	0.20518209	0.53143932	0.77554899	1.00298904	0.97601371
0.0219731	0.0130472	0.00291923	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47306766	1.3971983	1.3564228	0.25978863	1.00E-04	0.38927312	0.74107747

3.18259479	2.31927324	2.49955195	3.4236512	3.5895054	3.29426097	3.23567476
3.02022258	3.30425861	3.26325169	1.01195582	1.19099102	1.70033922	1.73144048
1.38143084	1.61618161	2.04068975	0.31831719	0.36482572	0.7295482	0.62937349
1.81415298	1.90769266	2.14385273	1.87608679	2.50433759	2.70669985	2.84902341
4.3631088	4.26999854	4.31267628	1.79037006	2.01004057	2.37742357	2.15464706
0.53374108	0.33814971	0.25074841	0.22643458	0.5697019	0.86778408	0.59802518
1.75772543	1.82496813	2.00220087	1.22505101	1.76129333	2.00407868	2.17506726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.44768724	4.09694869	4.44781562	3.76833059	4.00838985	4.06939979	4.21986425
0.09694515	0.03592599	0.00741309	1.00E-04	0.03886766	0.0631749	1.00E-04
0.66840989	0.2831041	0.42413867	3.4429405	3.89773674	3.50051233	3.40347506
0.57766179	0.62151522	0.69513441	0.33125942	1.11218334	0.91178168	1.36717877
2.97380846	2.95845983	2.98538227	2.56527895	2.98145445	2.95832702	3.20834132
3.04208161	3.0108751	2.9854177	1.4739429	1.94476035	2.21975172	2.1690831
0.02696829	0.01609212	0.00616617	1.00E-04	0.10991593	1.00E-04	1.00E-04
0.80376578	0.43215249	0.3967786	0.63870685	0.91042836	0.42240925	0.66063158
2.70479966	2.18214485	2.31376309	3.37360466	3.483097	3.24308007	3.44997702
4.31883956	4.05564597	4.31605201	5.73003746	5.72293246	5.78993167	5.86084895
0.06148014	0.18130346	0.2484903	1.34503558	1.79035677	1.31363924	1.1054259
0.89344532	0.82135217	1.09637264	0.70932948	1.65455557	2.31563178	2.51077557
3.06863865	3.359814	3.41867425	2.08845786	2.72300824	3.10314118	3.39016676
1.1945213	0.69802091	0.93110395	0.92071592	1.09108917	1.61658672	1.39267748
0.06420439	0.02220501	0.01569337	1.00E-04	0.32891494	0.08433492	1.00E-04
0.65413663	0.64118206	0.71900163	0.70882446	0.59435065	0.8328422	0.91056051
2.49883809	2.71993014	2.61183412	0.95649683	1.54567393	1.96798001	2.29501453
0.09219406	1.00E-04	0.0392994	1.00E-04	1.00E-04	1.00E-04	0.13827581
0.29445483	0.00683316	0.01183255	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77116686	0.25768219	0.27686756	1.60026592	2.01843568	2.20578967	2.2302714
1.7184262	1.47105583	1.7878675	1.47465504	2.29856261	2.62759547	2.75694092
0.00999745	1.00E-04	1.00E-04	0.15388571	0.1246131	0.06961109	1.00E-04
0.07756385	0.04838919	0.1046422	1.00E-04	0.40553571	0.50131318	0.16704554
2.61204495	2.2322475	2.10130113	3.35306899	3.37207656	3.33625714	3.53109947
0.02033854	0.01344861	0.03548038	1.00E-04	1.72292914	0.4443742	0.43994243
0.39431893	0.10064115	0.19562265	0.47408737	0.3174064	0.18252286	0.19613441
1.36032022	1.43152287	1.50845315	1.22720319	1.49557052	1.13926267	1.27588195
0.171548	0.05170427	0.04446464	1.00E-04	1.00E-04	0.11263966	1.00E-04
0.16275633	0.07055601	0.2986849	0.66688657	0.44550279	0.60791753	0.6074232
0.02705054	0.01516017	0.05100907	1.00E-04	0.09882081	0.08114866	0.48233891
1.00E-04	1.00E-04	0.00961965	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06227282	0.07722211	0.0569361	1.00E-04	0.19395284	1.00E-04	0.09015708
0.0780753	0.01822432	0.05280573	1.00E-04	1.00E-04	0.11578991	0.10880685
2.99874502	2.68937306	2.76635639	2.96986776	3.31878551	3.49994735	3.52272808
0.37370805	0.03816428	0.11287322	0.30677069	0.44998121	0.34310011	0.59942317

0.04374973	0.02082892	0.03930037	1.00E-04	0.13288101	0.16439815	1.00E-04
0.19729853	0.13191148	0.15904695	0.29696745	0.42940522	0.22019802	0.31712042
1.00E-04	1.00E-04	0.00979187	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00687136	1.00E-04	1.00E-04	0.27234879	1.00E-04	1.00E-04
0.06095378	0.03673047	0.0328433	1.00E-04	1.00E-04	0.11861341	0.27487221
1.00E-04	0.0073958	0.0142024	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50939062	1.49050541	1.89450194	0.85833841	0.85170882	1.0617878	0.73256415
1.00E-04	0.03587616	0.04544963	1.00E-04	0.09916358	0.12995077	0.08953962
5.73515955	5.54318467	5.65329832	5.00427751	4.98078803	4.95974637	5.02896245
0.32660494	0.22842596	0.18905466	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93301463	1.00211175	1.13791608	0.81173886	0.81067392	0.5535002	1.05968263
0.53843556	0.17198566	0.46405337	1.80856493	3.02431649	1.99837175	2.11604903
2.61387353	2.06201518	2.32311565	3.406587	3.60250835	3.15998355	3.40657107
0.03001109	0.01802144	0.02622763	1.00E-04	0.42057921	1.00E-04	0.36526393
2.71198186	1.20673737	1.83238834	0.42372527	0.81651537	0.57978328	0.78955401
1.00E-04	0.03104565	0.01056448	1.00E-04	1.00E-04	0.04270165	1.00E-04
0.0746004	0.08446041	0.06737314	0.17997387	0.21788165	0.19012437	1.00E-04
0.75016599	0.4030253	0.65321828	0.43015749	0.85613672	0.22146404	0.92139305
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07262896	0.01301856	0.01687103	1.00E-04	1.00E-04	0.21380284	0.25653838
3.7119384	2.94373305	3.03875236	4.147411	4.59665114	4.53429621	4.4385689
3.79137702	3.14163037	3.36896211	4.0973245	4.45546457	4.47512838	4.48146427
2.83350036	3.1267025	3.25358692	2.71207192	3.08452966	3.41390562	3.59210316
5.22241458	5.34778725	5.27749859	2.3767829	2.84565808	3.27737213	3.26508887
4.99278126	4.13800345	3.98560733	1.95513594	2.68416508	2.17802407	1.91563159
1.86361858	1.33508942	1.49411899	2.28144236	2.91868182	2.22948042	2.32663347
6.74066299	5.61577743	6.11134261	3.20459783	3.63794943	3.74115291	3.56238801
0.28044447	0.25464226	0.22450945	0.96278467	0.92444782	0.63035626	1.00E-04
1.00E-04	0.03930376	0.02306357	0.23043759	1.00E-04	1.00E-04	1.00E-04
3.31389566	2.56658845	2.97885335	3.02469009	2.99579104	2.67115334	2.872016
3.79821646	3.63887929	3.42545627	3.506881	3.6514124	3.56766535	3.34713727
2.1930346	2.03884957	2.1962352	2.20013001	3.00391972	3.51351054	3.6476101
0.52411308	0.67890348	0.71109097	0.65025708	1.13004668	1.02815998	1.15792962
2.43178953	2.89690283	2.84438177	2.73464521	2.78976063	3.39850027	3.4344079
0.05302837	0.0218271	0.09554977	0.17251618	0.31656498	0.12054785	1.00E-04
0.08657392	0.15547349	0.26446645	0.12575505	1.36653745	0.56251894	1.0287408
0.27071132	0.18340736	0.15253243	0.34283813	0.56645396	0.244211	0.21144436
3.030023	2.81745942	2.79021774	3.05440889	3.40631933	3.30418168	3.20257441
3.89733772	3.14400043	3.45054851	4.26086309	4.50213588	4.48638008	4.55837412
3.83931205	3.36163807	3.46631152	4.25194836	4.58197781	4.41543138	4.47363686
4.29245151	3.22393541	3.6628069	5.88951938	5.99290121	5.91674534	6.32284512
1.02621617	0.55523825	0.66839641	1.40344979	1.27786527	1.63275318	1.80714038
1.2725551	0.82095474	0.85581426	2.15794195	2.54618576	2.70979316	2.66415796

1.57646965	1.24582607	1.32976739	1.05203686	0.74450502	0.66203734	0.23249544
0.14400888	0.0840705	0.06250708	0.40590789	1.07053337	0.75783836	0.51355458
0.91518179	0.40231857	0.33795561	0.92795541	1.24802858	1.18343026	1.63461541
0.13274431	0.06277676	0.10353083	0.4437501	0.40166047	0.3130181	0.51449439
0.11470072	0.09062679	0.07323375	0.23725472	0.33155781	0.10023362	0.27803868
0.02466117	0.0393642	0.04180257	1.00E-04	1.00E-04	1.00E-04	0.16317305
0.04144978	0.0216322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50256638	0.12011668	0.0991194	1.00E-04	0.3677906	1.00E-04	0.2156106
5.27839627	5.02527314	5.39123804	2.45017566	2.84419426	3.27890281	3.09685297
4.58073565	4.35813705	4.40600106	6.19110736	6.56606868	6.08853887	6.20385484
1.0181878	0.22803157	0.44569028	1.84034762	1.46035557	1.32690773	1.0865876
0.44830662	0.42322142	0.71633686	2.90224562	3.13819046	3.14940243	3.29495015
2.59332023	1.56920357	2.0730431	0.45231561	0.90395305	0.66214089	0.50760225
1.00E-04	0.05319575	0.19564297	0.11454254	1.00E-04	0.17728883	1.00E-04
2.87902372	2.51163486	2.81425919	3.83371982	4.26846193	4.28060708	4.31973392
3.65241065	3.43577998	3.50542011	4.052974	4.13492399	4.24898863	4.34534187
3.74449245	3.68076313	3.70695131	1.53877067	1.50891631	1.42744916	1.6717182
3.16000253	2.70970669	2.91075782	1.12610788	2.06141423	1.38407304	1.43902305
1.51894509	0.50492363	0.77549135	4.40454259	4.80230312	4.62566133	4.84384031
0.08073495	0.08506338	0.07370314	0.20296285	0.19221539	0.44677223	0.54053755
4.65109725	2.37799413	2.76127005	4.16826272	4.63053216	4.39311243	4.65327134
0.41373865	0.28485996	0.52778095	0.10510713	0.77037319	0.69235989	0.88494475
4.17435081	4.96998044	4.81268643	2.21830146	2.72412948	3.77269188	3.6591772
0.55762096	0.41657859	0.3779555	0.1894412	0.89666497	0.63161332	0.47589185
0.76681192	0.47508701	0.53969672	2.24270241	1.32998076	0.84883183	1.02386674
0.38580228	0.23818515	0.58231029	0.47529318	0.56832004	0.25522075	0.60162064
0.10016	0.01033614	0.03829189	1.00E-04	0.18099554	0.23512651	0.20234782
1.00E-04	1.00E-04	0.04926127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06530652	0.08815481	0.00644161	0.12411364	0.17881196	0.06046773	1.00E-04
1.00E-04	0.03937273	0.01177066	1.00E-04	0.14280035	1.00E-04	1.00E-04
4.4961125	4.2815052	4.42760792	4.84455712	4.73195898	4.7816745	4.93313613
5.0882686	4.38128767	4.49547755	5.27735085	5.64657307	5.57514786	5.49789308
0.77896624	0.83078149	1.14377887	0.62171818	1.37181409	2.10934455	2.09536802
4.48219596	4.36372575	4.51400502	4.68024978	4.90990505	5.1262138	5.22184651
3.81393648	3.78257792	3.72654598	3.10119425	3.70618487	3.73058504	3.7224544
1.00E-04	0.00748861	1.00E-04	1.00E-04	1.00E-04	0.05287914	0.24506016
1.00E-04	0.00989573	0.01518081	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.06169933	3.35195361	3.294963	1.791638	1.89865881	2.27127593	2.0545284
1.75839689	1.2628102	1.34725752	1.8977211	1.84239655	2.02715029	2.11778175
4.03624501	3.58705219	3.66602722	4.34119746	4.52717282	4.64548591	4.55773514
2.96313998	2.58183884	2.41586007	0.4244002	1.04014082	1.21581068	1.19230318
4.62591053	4.24701547	4.32804201	4.87095546	5.17221794	5.06392694	5.10033336
2.65684287	1.57948818	2.07330418	5.20869096	5.19125241	4.95114254	5.01105437

4.03793063	3.53976842	3.80766301	4.68448322	4.86985091	4.80623438	4.82574376
3.22023311	3.05787045	3.28236099	2.38031375	2.6103944	2.66419059	2.93409447
2.67708884	2.52634365	2.70084302	0.40288361	0.2462203	0.75867602	0.98016402
4.2869991	4.24562593	4.3053164	4.57510456	4.49403209	4.38788393	4.37150155
2.93171924	3.10862952	3.27456938	1.80467075	1.88276834	1.93980764	1.94320929
1.6546938	1.07548531	1.06372371	1.85935142	2.30632734	1.98718172	1.96012694
4.60272826	4.23229017	4.32433181	5.64832876	6.05298719	6.00091449	5.89216018
5.06108515	4.79508293	4.99868545	4.49166313	4.76179574	4.6939498	4.7595196
0.60823918	0.3040006	0.34241641	1.00E-04	1.00E-04	0.30045991	0.34936702
4.59451343	4.33749616	4.40211261	5.57071608	5.65026322	5.60089676	5.71188388
4.23874916	3.89595958	4.01780947	4.27979288	4.62195913	4.43283873	4.49144924
5.144319	4.85851946	4.91161175	4.44462301	4.93785332	4.94905402	4.86052218
3.28243604	3.0204355	3.18047042	3.35822395	3.59334594	3.73144492	3.89156073
2.7770417	2.54634749	2.61076927	2.8925193	3.30686192	3.34801304	3.33665105
3.45648265	3.53820248	3.55742831	3.61677282	3.75349452	3.60403137	3.72601329
5.19399306	4.94017232	5.01079642	5.34361694	5.6468688	5.51954286	5.55773419
3.80976	3.71117146	3.81201285	4.14826038	4.42635432	4.29054788	4.26857938
2.94060141	2.84194009	2.9491956	2.42297106	3.04624708	3.01507703	2.98317718
2.90503126	2.87683747	2.96873853	2.69435098	2.82320782	3.01462857	3.09218364
0.8474945	0.39043414	0.85091848	0.59468191	0.71085536	0.99929283	0.94220843
3.95859148	4.02342055	3.99126543	3.35333807	3.48037026	3.74971787	3.84160489
4.22242238	3.97776653	4.03007696	4.29476337	4.40498181	4.22642217	4.31403289
1.48845689	1.05228008	1.44441292	1.92328672	2.64340789	3.02962887	3.12732491
2.39877561	2.58004059	2.6095972	1.64411322	2.24852701	2.35274596	2.08503073
4.11624044	4.26576116	4.31635653	3.97921714	4.10404554	4.50659117	4.64490193
3.17995876	2.96808051	3.1974598	4.36055891	4.68770133	4.84800544	4.88322088
4.70925923	4.11999463	4.29683917	5.04635351	5.40631201	5.27716731	5.32608551
6.2317338	5.99722951	5.92886221	4.61714312	4.85566583	5.03068182	5.05560699
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1.00E-04	0.04626091	0.02305633	1.00E-04	0.1171546	0.14994965	1.00E-04
0.12512681	0.02557334	0.12344246	0.26342821	0.45082979	0.30352433	0.33801072
0.04183329	0.04242914	0.00778248	0.16875998	0.14818402	1.00E-04	0.09242326
3.87988527	4.62628325	4.51831775	4.12443315	4.00794088	4.08085234	4.09592944
2.6182148	2.40642102	2.63601783	1.61709823	2.10322201	2.19019623	2.50354094
4.65078617	5.41792887	5.41348815	2.26535886	2.62783447	3.84293405	4.1346862
5.10337522	4.40655672	4.55646755	5.49371118	5.70736178	5.66710185	5.6655176
2.92619864	2.63926775	2.94343307	3.24853381	3.65032621	3.5558417	3.57516414
4.82649979	4.26271221	4.40326033	5.45506521	5.78874509	5.64124472	5.59277433
4.64241612	4.04691771	4.24848563	4.80102786	5.16118064	5.05840697	5.11100909
2.07865717	2.25010226	2.18844164	0.70599904	1.12378016	1.55764653	1.28516131
2.91143872	2.61946299	2.81917006	2.75670012	2.84179218	2.84471491	2.54045532
2.10032332	2.42978222	2.31387645	0.64371847	0.621361	1.34590176	0.75736292
3.06469067	3.44974383	3.39570284	0.7289344	1.71442991	1.80207969	1.5102926

3.3093585	3.67127205	3.55363075	1.86678476	2.37245143	2.83597277	2.89530841
0.04616029	0.048204	0.08518158	1.00E-04	0.31455729	0.09216505	0.56176059
2.83467758	3.4298473	3.31150274	2.29581238	2.15823611	2.63289736	2.72131517
2.52009119	2.82552682	2.76663092	1.65783615	1.77604736	1.99287555	2.03601213
2.62305916	2.83639591	2.78959746	2.15956568	2.35746084	2.32236972	2.44944063
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2.73377623	2.92026705	2.92799585	0.30070313	1.55152255	1.64246727	1.5675865
0.86226468	0.31450569	0.46441378	0.50873116	0.49445548	0.03653946	0.39418273
0.9930153	0.92947846	1.21713811	1.03787975	1.09088984	1.8959207	2.23971579
3.82008166	4.2162402	4.27316047	2.57796376	2.88876938	3.46220605	3.63192873
0.35600392	0.27171151	0.30980898	0.72055855	1.00E-04	0.15498335	0.28377604
3.24943945	3.69664887	3.69641671	1.30487725	1.74342547	2.31616317	2.00276982
1.00E-04	1.00E-04	0.00548807	1.00E-04	1.00E-04	0.05287914	0.19495324
0.92726937	1.17642009	1.05006614	1.00E-04	2.16648507	2.33415907	2.19963347
0.06932029	0.03587518	0.0570853	1.00E-04	0.11349483	1.00E-04	1.00E-04
3.07183808	3.72052508	3.65222789	1.63625238	1.99958513	2.60844212	2.53241106
2.56595073	3.10342882	3.02571254	0.89638875	1.30307802	1.88291387	2.26005646
1.00E-04	1.00E-04	0.01774553	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50121881	2.55847859	2.78014194	1.04252766	1.64996862	1.94040226	2.3522874
3.07066787	3.20255173	3.17955183	2.12534025	1.87318191	2.28534552	2.56256911
3.91505096	4.38336015	4.28983828	1.55553312	2.16138634	2.97956763	2.87607978
1.00E-04	0.0132829	0.0074777	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23874752	0.16261984	0.24997068	1.00E-04	0.22210203	0.05257605	0.36653761
1.59841395	1.31995069	1.83889948	0.11614111	0.35917008	1.00E-04	0.32440668
2.32317586	2.9352731	2.8697651	1.26698524	1.66196335	2.19012143	2.09457613
0.16292341	0.16010153	0.2362127	1.00E-04	0.34695184	0.41740017	0.12588854
0.05271816	0.06217718	0.09601413	1.00E-04	1.00E-04	0.110538	0.36822543
4.29404861	4.60374699	4.60040811	3.310397	3.32616668	3.83542049	3.73255365
2.0274153	2.21327583	2.29129845	1.1394569	1.27460006	1.55793859	1.93484191
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0.50314685	0.45937341	0.58836782	0.19898324	1.02669615	0.70840382	0.56211151
0.05924215	0.04795746	0.0275245	1.00E-04	1.00E-04	0.04173771	1.00E-04
3.52098704	3.33362625	3.51881927	3.33952164	3.53613544	3.54441548	3.59497991
3.52154788	3.62179904	3.60646043	3.23177601	3.42347539	3.78808859	3.52299903
0.40940013	0.23570897	0.21147075	0.1367484	0.07273092	0.19979726	0.06960832
0.65984403	0.34767797	0.35226131	0.35901348	0.2665558	0.10660723	0.36778784
0.27153015	0.09949521	0.20108534	0.54865524	0.0834566	0.43156988	0.31854828
0.92007053	0.44151282	0.73362392	3.52186854	3.83957991	3.33816166	2.80519879
2.39907895	2.35061526	2.7560068	1.80713818	2.14598004	2.79751051	2.91064423
2.3375976	2.80876544	2.89557462	1.31675241	1.763214	2.21156367	2.29296816
1.16814719	0.48839222	0.59270462	0.37486853	1.23639241	0.93802372	0.89289441
3.09475078	2.93696088	3.08959345	2.92100598	3.38105062	3.28622281	3.17666485
0.09312288	0.03588427	0.02123763	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.78553862	3.75561948	3.63753066	2.61144618	2.71466639	3.0896496	3.44715049
1.8839285	1.47215158	1.06239732	1.00E-04	0.47902765	0.62541503	0.37905071
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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3.94070919	4.17816645	4.07027207	2.85873897	3.19415866	3.52355473	3.60234947
0.84198167	0.91709996	0.8495464	0.86050865	0.56798669	0.6564776	0.83974332
1.65670852	0.65668172	0.99210782	1.47633653	2.30040497	2.66871779	2.74753125
0.06354352	0.03641119	0.12373896	0.17560837	0.08195767	1.00E-04	1.00E-04
3.98154195	3.84359611	3.84589266	3.39258266	3.82939935	3.8372963	3.76697404
1.25988868	1.54572445	1.68886384	1.45797316	1.14668947	1.2192916	1.0973876
4.49162575	3.9813259	4.15194124	4.42041706	4.82173987	4.52919037	4.76788157
4.24708142	3.59486354	3.90393907	4.67041829	4.98035657	4.95279694	4.9423745
0.05342347	0.00872706	0.06500005	1.00E-04	1.00E-04	0.21093061	0.24218961
3.6873095	3.70012007	3.72787912	2.96983357	3.24183721	3.23374321	3.30563139
5.42938587	4.83737674	4.93265572	5.90525048	6.26024085	6.159633	6.05911411
3.0258709	2.67434232	2.96888558	2.97788933	3.49560121	3.27278231	3.33649222
2.31956343	2.08844538	2.23253169	2.09658233	2.58394037	2.18031212	2.33923815
1.29619584	0.70624869	1.06139815	0.21252871	0.23763546	0.07614676	0.13250924
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00581027	0.78779717	1.00830251	1.07318674	0.85332318	1.16073942	0.76522636
3.68869186	3.65594783	3.71415365	3.01273568	3.23421782	3.40527459	3.30601984
0.86698196	0.2438604	0.29585511	0.13394589	0.07004708	0.12098194	0.55235931
3.29588792	3.38642859	3.34866724	2.83453083	2.80234612	3.11391166	3.09248484
1.88353317	1.93850944	2.16510188	2.40058265	2.78475485	2.80781129	3.08670578
0.04447913	0.12445457	0.10922682	1.00E-04	1.00E-04	0.16934507	0.28211563
2.89186481	2.75040385	2.67492017	2.15029448	2.68155486	2.43836847	2.65179245
1.86730265	2.26230286	2.34353661	0.77719536	0.85355832	1.5378234	1.38236625
2.48687352	2.1928868	2.52863641	3.365791	3.67836217	3.77873779	4.04551169
2.1422536	2.101059	2.19473444	2.90949008	2.98878295	2.8034236	2.69428888
3.37023453	3.59810795	3.5398964	1.87848711	2.58252362	2.99774311	3.03042254
3.614656	4.11620561	4.14039551	1.57318055	1.74491512	2.58137207	2.59706549
0.02375432	0.03020831	0.04429396	0.74723158	1.00E-04	0.23545197	0.40294728
0.931397	1.0257746	0.92628389	1.00E-04	0.13037472	1.00E-04	0.0762365
1.00E-04	0.02612007	0.02312039	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60385784	0.34749006	0.64787619	0.52922811	1.27547326	0.5098689	1.00E-04
5.52529815	4.98465118	5.12485687	5.58706804	5.91498097	5.70210144	5.64287679
0.86784613	0.76311427	0.97458489	0.89811191	1.80302225	2.00227753	2.26656747
4.07561536	4.5512383	4.56519214	2.51097501	3.39624814	3.80178112	3.80880088
3.00338817	3.00158347	3.07137834	2.96746649	3.16972173	3.71305945	3.4926829
2.78396085	3.00919553	3.14099963	0.74376362	0.84428571	1.37116505	1.26570423
2.63684206	2.30768331	2.19034726	2.23946037	3.13332931	2.96474507	2.79180085
0.05570636	0.08488618	0.11278203	1.50345545	1.59693881	1.4176799	1.04908924

3.27763293	2.83323284	3.09102569	5.32908591	5.2618114	5.23819164	5.18434385
3.80240721	3.84928385	3.96606298	3.74055611	4.1491428	4.14415226	4.19871509
3.21039185	3.4493605	3.44655305	1.75912995	2.3364824	2.93051646	2.92998477
3.04438701	3.51792399	3.37274251	2.6221926	2.72994159	2.93018422	2.84799361
2.90310797	3.05106557	2.99808381	1.51956022	1.83364528	1.9991593	2.09479404
2.31600335	1.95706809	2.12686501	2.97299845	3.35799887	3.27690834	3.31614289
2.69076219	2.80391282	2.84084613	2.19567387	2.85948782	3.01948266	2.97762756
4.2727061	4.11933001	4.17470273	5.07195707	5.27202887	5.00287958	5.09207639
2.34776197	2.65544561	2.60630886	1.65219879	1.98980261	2.33833683	2.63321469
3.78315734	3.71786431	3.75229359	3.48887351	4.1960689	4.32915809	4.23272788
4.55900446	4.91585504	4.85282352	2.8462711	3.06587617	3.71033337	3.71477719
3.78352732	4.24642393	4.08827618	2.39985368	3.03808082	3.47981202	3.4836615
1.51436785	1.53472005	1.72005799	1.77330173	1.88504134	1.97681292	1.98000841
3.93832644	4.27362095	4.24972837	2.64290761	3.16420758	3.61817966	3.7004533
4.08573715	4.77182488	4.58930725	2.21078074	2.63776699	3.59363547	3.68531497
4.49901127	4.88830625	4.855709	2.76799414	3.21115525	3.70699877	3.83125893
3.82421597	4.38879094	4.3415452	1.83771208	2.35464691	3.15696696	3.28038928
2.73806546	3.42186399	3.31331531	2.29912945	2.49326429	2.8588641	2.86733661
3.53895203	4.16934128	4.06987094	2.45741844	2.66814147	3.24044882	3.37894995
2.82751079	3.186129	3.23867461	3.52800194	3.94083292	3.85147476	4.02946025
0.18921087	0.06608876	0.06346605	1.00E-04	0.09353998	0.3167108	0.37845282
5.79956058	5.28381759	5.07889129	5.57332071	5.83199654	5.73100247	5.70051459
3.31019278	2.76771219	3.02228601	5.23344352	5.40203312	5.56988904	5.51563586
0.46267577	0.18129828	0.15947587	0.57158916	0.42772885	0.67338614	0.4199082
0.8267406	0.32231759	0.48433614	0.95741897	1.43222081	0.73784205	1.36764104
0.73800377	1.10380293	0.67729558	1.00E-04	1.87839054	2.44999304	1.77471795
4.38117693	4.78296513	4.71718675	3.06061112	3.54226637	4.02894579	4.16824686
2.78843284	2.8546959	2.91640902	2.40021285	2.927586	2.80336777	3.0199234
4.22871839	4.28198868	4.3101472	3.92259668	4.3283375	4.38814398	4.45513498
4.51934788	4.4398297	4.46955936	3.65107403	3.96982625	4.00553088	3.94770176
5.29406418	5.0333111	5.04095627	2.50770777	3.35110875	3.4731783	3.34769064
2.76718824	2.44420166	2.62818411	2.33745011	2.86403311	2.95973674	3.150475
2.73959704	2.81595375	2.93224637	2.2880371	2.58346306	2.61319299	2.64559875
5.03323786	4.33921462	4.44948979	4.94858189	5.28539048	5.18726351	5.20905903
4.70072933	4.18955949	4.35661054	5.05378227	5.17638202	5.20928815	5.29721457
2.87138939	2.95295388	3.04108725	2.23933745	2.30990252	2.59715932	2.772694
1.8594973	1.82913312	2.02783219	1.32010194	1.75338863	2.21878972	1.82482281
3.36861854	3.79168399	3.68143288	1.75280783	2.33854346	2.68048874	2.92222497
3.46473299	3.27294149	3.5115848	2.82096205	3.13154275	3.28276125	3.61433281
3.285191	2.85462977	3.02400897	3.55829827	3.86945223	3.60564385	3.7835835
4.90827422	4.65715301	4.82008356	3.79671043	4.03865502	4.24222465	4.23958175
1.88350521	1.7887259	2.04566284	1.34137693	1.76779603	2.08256942	2.30715805
1.2663151	1.13472332	1.30778844	0.72964143	0.79263835	1.00975915	1.21340019

1.12139813	1.07309178	1.11304336	1.00E-04	0.11786323	0.14923627	0.40012117
5.85717745	5.44122936	5.51386792	3.0986001	3.39700921	3.3173936	3.55215846
2.53185656	1.72801139	1.94896847	5.11156777	5.474364	5.07843117	4.9270366
3.94098561	3.74436045	3.76664443	3.93071915	4.19148373	4.20153174	4.26432064
5.67410482	4.98473167	5.27584109	4.99698319	5.29058143	5.26533343	5.07508828
4.98598324	5.31533283	5.19213886	3.640479	4.09099877	4.26191978	4.25063541
3.79174128	3.3975336	3.54024014	4.10032602	4.32401833	4.40113859	4.24512195
0.0777866	0.12526895	0.18081354	0.44693886	0.67135717	0.36298921	0.32932282
2.0532434	1.92499509	2.59404302	2.15495355	2.67079154	3.14635847	3.16540171
0.84933466	0.87112969	0.84955931	1.00E-04	0.14424261	0.10307965	0.55453366
4.50236063	4.18536535	4.16270162	4.58550406	4.9117921	4.82776899	4.81071249
4.21188754	4.54577922	4.56913347	3.57701323	3.73896059	3.88084572	4.015274
4.96600483	4.7896882	4.91006905	4.85887265	5.10664822	5.06380476	5.15693086
1.83936752	1.61845815	1.67421796	0.18037346	0.81076377	0.74226656	0.73256161
3.73056307	3.53528995	3.87039075	2.49050539	2.90864956	2.7983541	3.12868131
5.65740789	4.9880301	5.23953456	3.49021464	3.59425953	3.53622065	3.67088438
5.17138076	4.71974594	4.82856322	3.46432477	3.77178199	3.85072146	3.98596076
2.6120355	2.62849577	2.62016446	1.54012363	1.87157381	2.12658026	2.4197838
1.63885922	1.78049811	1.7103994	0.4301513	0.77201699	0.91290574	1.29891453
3.18391498	3.45590351	3.55800908	3.07517328	3.53245582	3.9541617	3.99529795
3.79670756	3.39202643	3.6320596	2.98002929	4.09366716	3.01802372	3.74729903
1.88324916	1.94474779	1.84695429	0.4207023	0.39695027	1.03577424	0.73246515
1.9708768	1.77282421	1.90213284	2.7797535	2.90261425	2.73953335	2.94080174
3.58319222	3.0713653	3.25164479	3.54103611	3.76874134	3.45576363	3.65089104
2.91130229	2.77202318	3.07634907	1.78939904	1.72761551	1.88801883	2.09887851
2.63532215	2.45893662	2.69922319	2.448409	3.15739192	2.94377888	3.11135583
4.11599695	4.38585645	4.27926727	2.27831139	2.93536311	3.2666456	3.42564884
6.12187932	6.23052878	5.49623413	2.79881477	3.74836017	4.15905426	3.85600361
3.58819949	3.28440903	3.49693233	1.38883727	1.34875867	1.5474131	1.55488901
0.41966045	0.10693834	0.178549	1.31338532	0.69759765	0.91544422	1.54906596
0.52897527	0.09918191	0.2744634	1.00E-04	0.37845325	0.2346538	0.33717645
5.35550805	5.45591869	5.3817766	5.10775263	5.3960971	5.61138308	5.58176536
1.22416805	0.67405211	0.69097249	3.66688706	3.65031496	3.5079824	3.50173653
2.4158938	1.05390772	2.03931191	1.20740664	1.25177635	0.93134588	1.44432398
3.38311682	3.31308493	3.41174884	1.97740391	2.44273482	2.31123691	2.35206806
0.62177122	0.37756921	0.50143926	0.82922632	1.38058419	0.85072834	1.28100962
0.25955777	0.25798166	0.30808818	0.96572345	0.7182356	0.46209479	0.28425477
0.18634663	0.07690476	0.04535982	1.00E-04	0.5207935	0.32472466	1.00E-04
1.79583927	2.01408565	2.13945936	0.95707163	1.04873994	1.17420534	0.92923553
4.8366804	4.65639976	4.80223371	5.92328417	5.91124518	5.99213033	6.03358121
4.5097714	4.30120053	4.46940797	3.4114924	3.51414107	3.66340459	3.80422054
5.33069013	4.68762343	4.84492357	6.89843696	7.67569354	6.95666396	7.10342455
4.93663245	4.53512773	4.64920248	4.99196931	5.47145997	5.4740724	5.27526943

0.03436222	0.02868254	0.04933221	1.00E-04	0.14106086	1.00E-04	0.10924475
0.19762314	0.1495917	0.30597514	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00605548	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01792537	0.02458221	0.02852492	1.00E-04	1.00E-04	0.12214658	0.48351096
2.3040921	3.05353238	3.10371275	0.39739747	0.35097297	1.1470805	1.27469006
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29592808	0.24870158	0.50512727	0.81748615	1.3912261	1.16274495	1.10504077
0.72601383	0.7519044	0.92906915	0.8735056	1.22266339	1.18782415	1.27464501
0.60349352	0.18818124	0.22074615	1.10602728	0.34437193	0.41617273	0.82195338
0.27209275	0.19107224	0.11674271	0.30766668	1.00E-04	0.27772927	0.43374261
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81869131	0.51401711	0.76626508	0.22063423	1.45361452	1.36703214	1.32212574
1.00E-04	0.07361639	0.11657872	1.00E-04	0.1568666	0.65020859	0.87551711
1.00E-04	0.02218018	0.00879508	0.4412924	1.00E-04	0.06750259	1.00E-04
1.78110922	2.67402939	2.74397259	0.89548712	1.03137123	1.70130896	2.04557588
2.20629247	1.37755284	1.50667696	4.44755186	5.3807401	5.45810549	4.82730746
0.77733018	0.39578456	0.46614775	2.37332513	1.38449154	0.98351862	1.46486104
0.12642033	0.14083114	0.10331297	0.15759815	0.34105987	0.39059987	0.32475328
0.05740076	0.14762644	0.18444011	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02105032	1.00E-04	1.00E-04	1.00E-04	0.06508891	1.00E-04
3.40186317	3.29121496	3.39349345	3.55562982	3.59962532	3.63534217	3.89561849
5.92306888	5.03673098	5.21807097	5.87258871	6.55605412	6.05790698	6.02173481
5.26691862	4.42928618	4.62867168	4.99162363	5.28830053	5.29993653	5.27218144
2.57191637	1.34940021	1.3817066	1.73335546	2.3133484	2.25226806	2.0124784
4.84464208	4.51581146	4.68912142	4.47219195	4.8953327	4.86465345	4.93236148
2.58115033	2.37394422	2.54469413	3.38412169	3.75053579	3.44000835	3.65564857
4.41681689	3.9137781	4.2562257	4.7580539	5.05207371	4.99633794	5.11619299
3.86448272	3.20391722	3.38003835	4.32474732	4.64458252	4.63606927	4.67251547
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01032893	1.00E-04	1.00E-04	1.00E-04	0.09389844
0.40616487	0.41070018	0.44574276	1.00E-04	0.9681599	1.05225104	1.15031651
1.00E-04	0.03556638	0.02262478	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00852696	0.02664044	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23303674	0.48857164	0.53317624	0.55109534	0.50637972	0.669656	0.64474977
0.99378984	1.04680539	0.87058531	0.56386507	0.57573823	0.96941011	1.5180706
0.12159383	0.04421902	0.09326917	1.00E-04	0.24265892	1.00E-04	1.00E-04
3.00738634	3.06511514	2.97303047	0.62421265	2.16489693	2.75626756	2.84166728
2.28074126	2.26613498	2.06637619	2.219599	2.87878728	2.86974938	2.96002155
2.65455322	2.15962705	2.41289402	2.50643006	3.25345443	2.78041037	2.830848
1.07057098	0.71178501	0.99657701	1.01340202	1.73965838	1.92185879	2.42734006
0.21853515	0.32954265	0.29494741	0.63192866	0.53665067	0.30153466	0.53855226
1.35892366	1.41852424	1.20639845	0.77926469	1.03926215	1.05169187	0.80966325
0.75539464	0.52583348	0.4775823	0.35395439	2.02360271	1.44726996	1.64405708

4.17183064	4.21151506	4.32522683	2.7743484	3.32495086	3.20930027	3.26916563
0.08424999	0.48467395	0.49220328	0.20301925	0.92716448	0.70335818	0.9489582
5.84531361	5.30047252	5.30617207	5.28207826	5.49023659	5.42459618	5.37947228
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14038347	0.23561301	0.16904522	0.13545783	0.30817037	0.2841661	0.08895297
1.11036772	0.80896037	0.87609373	0.68038667	0.76002548	1.27955923	1.2134834
3.48366547	3.74525937	3.6200789	1.87767029	2.42148579	2.60789784	2.57908642
4.21480159	3.72546079	3.92342514	4.39710872	4.68708492	4.67029926	4.6492953
2.61576829	2.53550399	2.58323795	1.77932913	2.31528514	2.29759026	2.7581211
1.00E-04	0.00636439	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.71355915	3.33604262	3.15006009	5.06637821	5.1741802	5.1452811	5.30091875
0.2963125	0.13961728	0.26932789	0.35993214	0.64432465	0.73617837	0.47573108
1.14815641	0.65535035	0.80377231	1.17774318	2.23216739	1.29166994	2.02968685
0.48129816	0.33162073	0.4622785	0.89211209	1.45096562	1.44327168	1.20848597
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.35772825	2.58823833	2.62953305	1.60713724	2.16960255	2.28167532	2.13869204
0.33428554	0.30351781	0.32827753	0.28215476	0.45463074	1.00E-04	0.19669574
3.04871978	2.4250251	2.39880987	2.56631844	3.52986225	3.58403283	3.49672578
0.10854409	0.06798989	0.06556983	0.08563356	1.00E-04	0.06973323	1.00E-04
0.69902342	0.7168469	0.70779412	1.02653426	1.17630968	1.09558147	1.12226972
1.00E-04	1.00E-04	0.02067452	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73054141	2.56742293	2.73134976	1.6607249	2.13259848	2.46741975	2.31588184
1.00E-04	0.00636178	0.03823049	0.59892184	0.49653875	0.56277789	0.9202184
2.12999984	1.53666503	1.90158226	2.58635496	2.83184341	2.91764314	2.79568621
1.12673387	1.43487099	1.3143506	0.15225267	1.21323265	1.48992286	1.37214353
1.00E-04	0.01786061	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80467373	1.93763939	2.10244525	1.71541847	1.89888297	2.00735682	2.35000161
0.0614822	0.03937498	0.14811246	0.24848733	0.35991176	1.00E-04	0.17615684
4.76921865	4.02904293	4.24859543	5.2465729	5.68041124	5.41982054	5.49864094
4.40616772	4.32765135	4.4111618	2.07155657	2.336374	2.0787648	2.5596603
1.29952051	0.81330595	0.96485376	1.67093517	2.00606791	1.62469392	2.14711155
2.01643631	1.74498174	2.01307216	1.20731953	1.65557492	1.42184711	1.24493443
0.40308403	0.32646836	0.58672271	0.87222337	1.18193466	1.44082763	1.89809978
1.00169137	0.55959681	0.62227392	0.52002931	0.73981495	0.67271157	0.30036003
0.55204548	0.24951109	0.28823528	0.65110109	0.47312711	0.44602609	0.31049288
1.00E-04	0.07089023	0.1668836	0.30702966	0.14813278	0.31545227	0.66435934
3.71867489	2.91428812	2.98160409	3.50067359	3.95368114	3.89176778	3.93256853
5.70367099	4.82874582	4.71773583	3.63394332	4.45136511	4.1887541	4.04195193
0.2733928	0.27598903	0.2342136	1.00999415	0.68442792	1.35507399	0.91566205
0.36251913	0.20986745	0.20795662	1.00E-04	0.41902751	0.46940279	0.3478964
4.33893166	4.89521508	4.85303001	1.81521197	2.67055021	3.6180584	3.71279823
4.17713097	4.52154781	4.4606814	3.08923381	3.41913188	3.89556777	3.97290802
4.24702219	4.70441444	4.65059561	3.22716887	3.4322704	4.05399816	4.00909319

0.40003221	0.16274972	0.16199585	0.40461579	0.51641269	0.08082832	0.46947
1.01752028	1.18884837	1.27051567	1.1310557	1.4625673	1.23247856	1.50732847
2.75213366	1.91659197	1.89384555	3.40916954	3.04015803	2.88888912	2.63534068
0.06268011	0.17147361	0.18467491	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.4373985	2.81945044	3.27152323	3.30545754	3.3136953	3.38052568	3.0443684
4.32695473	3.75438675	3.83625159	5.01145341	5.22151474	5.11402527	5.12676677
1.00E-04	0.00467924	0.01398712	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06490864	1.96557812	1.47737218	2.07721512	2.53075436	2.14767896	2.37193585
1.00E-04	0.00967283	0.02442802	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.916923	4.52806648	4.69687374	5.25076124	5.36536882	5.27728726	5.3261029
0.8587615	1.6172876	1.51801484	0.12443002	0.54461867	0.46573551	0.11230434
5.00278224	4.43924496	4.57241945	4.77213293	5.27277999	5.10338439	5.2852155
3.51442601	3.77258309	3.78297889	2.77074454	3.12842276	3.29112573	3.49302821
3.66919907	3.45551641	3.57598118	4.16209387	4.40575704	4.26960306	4.31031373
2.10648031	1.72454054	1.73432756	1.00E-04	0.34908428	0.19504408	0.07068125
2.52481524	2.49048716	2.54098966	1.63760326	2.14801596	2.221925	2.18446733
0.36389125	0.08142993	0.15508915	0.51328255	0.50468216	0.2048966	0.25600391
5.43210596	5.46160132	5.37348802	2.34427385	2.52760089	3.04760027	2.95921134
1.00E-04	1.00E-04	0.00653855	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.64016505	2.38548775	2.62162936	2.96130924	3.15521315	2.99027331	3.23477347
5.71855421	5.07229984	5.13853737	5.73460576	6.05112681	5.91368235	5.95785148
4.45640426	3.90978091	4.05598595	4.14714158	4.28543814	4.3304522	4.25554327
1.18264693	1.19414004	1.50096033	2.37853597	2.12619696	2.4249754	2.86737437
0.59679148	0.47434729	0.76915318	0.14302802	0.31160693	0.65556886	0.45879968
1.44181272	1.15606374	1.2503251	1.47617515	1.39905168	1.79745327	1.16970301
1.00E-04	0.01466354	0.08490556	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00743389	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40349649	1.36552835	1.43772741	2.25001526	2.35927696	3.56313186	3.44558598
0.04292347	0.14997377	0.0871881	0.21105484	1.00E-04	0.1847027	0.29301483
1.00E-04	0.03196841	0.00552428	0.31776084	1.00E-04	0.17702931	0.31406628
0.11673489	0.05618969	0.05776133	1.00E-04	1.00E-04	0.09051482	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50586737	0.4824403	0.55102607	0.1897028	0.52361249	1.05275426	0.81634734
1.00E-04	1.00E-04	0.01080277	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.39677756	3.62156613	3.69018174	1.60782535	2.29725538	2.18692741	2.19869515
3.60608316	3.98739523	4.06663114	2.80307678	3.13891683	3.57235579	3.74802003
1.00E-04	0.01242178	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10194536	1.00E-04	0.1579741
4.84670479	4.08457329	4.24338764	2.31158045	3.01093306	2.82347995	3.06074201
1.10841356	0.57658008	0.54167353	0.23592893	1.15686085	0.80252332	0.89084849
2.85315638	3.19416191	3.11179926	1.54076495	2.03208597	2.32695203	2.61725712
3.69055619	4.11997185	3.96268501	2.11615656	2.76025217	2.72560257	2.64586201

0.80502282	0.48055648	0.60384481	1.11035769	1.7530554	1.37552074	1.17148679
0.62394122	0.68532015	0.97801563	1.9939381	2.23871925	2.12151496	2.05677689
0.17023209	0.06710516	0.08863831	0.82437225	0.74074757	0.42477612	0.57351047
0.18228182	0.06649424	0.08749272	1.00E-04	0.11189528	0.25980073	0.23559872
0.08210882	0.20024253	0.27361292	0.60478585	0.55572615	0.4544212	0.10119414
1.10606471	0.99156639	1.05951655	5.02668406	5.36196231	5.02127686	4.84813569
0.31268194	0.16024593	0.16205402	0.91055673	0.5328327	0.63148833	0.5440238
1.77432169	0.5467335	0.60256441	4.32886418	3.97757355	4.17361345	4.13541434
0.43478416	0.36102722	0.37309394	0.49225695	0.780205	0.95256847	0.83913536
4.73226649	4.17318112	4.37462828	4.74269249	5.01830347	5.02517516	5.13836307
4.19017678	3.53064356	3.79566558	3.92024964	4.34318848	4.16583191	4.31796783
0.02142799	0.0754807	0.02746139	0.09984894	0.16395288	0.19857428	0.1082395
1.84432676	0.82968691	1.57550871	0.45269233	0.34624627	0.63647768	1.00E-04
1.00E-04	0.00678572	0.00647594	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.66065319	4.16883704	4.32181385	5.20387022	5.49403242	5.41741219	5.53247574
0.70806332	0.46425002	0.4618541	1.1767222	0.52923994	0.93037057	0.90637364
5.30882524	4.76038521	4.90740993	5.51291645	5.91928568	5.84865225	5.80329459
2.41806973	3.01670647	2.76652805	1.08153279	1.27633389	1.65632507	1.38007578
6.2197336	5.46954319	5.50061013	3.1641139	3.49906354	3.27263528	3.39106018
3.66382192	2.84525281	3.13797474	3.17340996	3.89861976	3.46522917	3.38210328
0.35343256	0.2084121	0.26198527	0.47117182	0.92005261	0.77189923	0.81735771
1.00E-04	0.00521165	0.02806991	1.00E-04	1.00E-04	0.0852395	1.00E-04
0.3596633	1.00E-04	1.00E-04	1.00E-04	0.13429683	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72698241	2.43379996	2.67064744	2.34575361	3.04947937	3.21457932	3.28161257
1.0863759	1.16003424	0.5435939	0.72079706	1.10593158	1.403998	1.11435943
1.21056648	1.26034414	1.65682527	0.28429524	0.87105059	0.28324466	0.5508207
3.34169127	2.66150472	2.86035522	1.25293579	0.90282003	1.35061521	1.54982036
0.15357714	0.09971731	0.0837109	0.21756195	0.95327335	0.55589936	0.24528865
2.82076299	2.95377101	2.95789776	1.93122165	2.59950484	2.7284795	2.68171928
1.7273498	2.18339852	2.23515396	0.5597569	0.76733848	1.16380201	1.31352437
2.89823871	3.05200984	3.12431626	1.86232374	2.27755905	2.45383347	2.77531344
3.4835696	2.79439489	2.91410663	4.48771939	4.71321111	4.30199435	4.19379475
2.05873699	2.40730329	2.46510656	1.48760205	1.81625379	2.44791335	2.55047576
2.91663187	3.14155037	3.2615132	3.2610906	3.6537442	4.04224546	3.99064717
1.00E-04	0.01868614	1.00E-04	1.00E-04	0.11560656	1.00E-04	1.00E-04
0.24202822	0.14072063	0.06725862	0.32070646	0.1874256	0.11507527	1.00E-04
4.38437948	4.06666599	4.02392739	4.96744482	5.16460061	4.98338798	5.03385352
0.77695152	0.62597843	0.9673872	0.50160171	1.09564553	1.2996323	1.35186097
1.17700038	0.77547365	0.81438605	3.71792087	3.76909677	3.53790108	3.34642635
0.8087099	0.28232968	0.48271875	0.3777551	1.14131205	0.58610443	0.3300901
1.45815622	1.17802037	1.26784623	1.43088139	1.15401189	1.24501928	1.68004052
1.98084203	1.49081043	1.70302695	1.24394666	2.13742332	1.49158819	1.76831116

3.57051276	3.31033196	3.38117868	3.66436133	3.88439361	3.90625313	3.90973475
4.84343493	3.97187236	4.13849816	4.26498718	4.59603499	4.4353381	4.66765493
1.82247856	0.81178246	1.55367304	1.750797	1.20597976	1.10114601	1.19752038
3.84574491	3.82616383	3.91190461	3.4477178	3.87864472	3.75868172	3.7475544
0.09351866	0.06612664	0.1229849	1.00E-04	1.00E-04	0.0675217	1.00E-04
3.6279885	3.91295227	3.80075055	3.07763419	3.29534614	3.38735383	3.33801349
0.02975359	0.08885436	0.07263204	0.27480984	0.25404493	1.00E-04	0.12350852
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09185764	1.00E-04
2.10907571	2.34415197	2.63109403	3.67501983	3.57188743	3.82402424	4.04980921
3.95173934	4.02125558	4.00299725	2.99144284	3.01635057	3.43606802	3.62142736
5.50856578	5.51554979	5.4427925	4.10162069	4.53318182	4.71431102	4.59295393
3.41629862	3.45110643	3.5475387	2.15703565	2.70793117	2.84244761	2.73132692
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.88158665	3.32721558	3.49567754	4.04160091	4.4074838	4.27669278	4.25465797
2.65889797	2.00645426	2.18639627	0.993721	1.07028147	0.78942725	0.82375133
3.20255505	2.64625183	2.91973196	3.84428139	3.96829105	3.68061514	3.80863267
0.3638928	0.22560778	0.32209381	1.00E-04	0.21038018	0.15550128	0.22374836
1.49347056	0.93292164	1.319272	1.73165404	2.2446828	2.12836666	2.23413638
0.3202378	0.06690605	0.17243711	1.00E-04	0.29118132	1.00E-04	0.10151431
1.86357526	1.92601358	2.07994562	1.29220607	1.1501035	1.45067611	1.57799116
3.0876276	2.54496267	2.65005247	1.58865572	2.0112694	1.79330999	1.74152855
3.65978349	3.39583144	3.54884943	5.15230805	5.32818765	5.21515021	5.30834516
4.33545559	3.99303389	4.11962168	5.02463645	5.22485813	5.24187352	5.19184858
3.58108723	3.7846627	3.71588087	3.18697066	3.67469372	3.84612392	4.0093287
2.07757174	2.2354196	2.28736114	1.89067133	2.14402643	2.31736379	2.16134192
3.34238603	3.38746648	3.34903695	2.65492152	2.79157855	2.98686733	3.22478098
4.05040429	2.50456268	3.11432987	0.7240552	1.49064008	1.14008021	1.54466473
5.98569712	4.47306885	4.79594758	5.00318689	5.11978695	5.0038167	5.04866446
2.32569767	2.0655099	2.58791319	3.13083116	3.02981311	3.45322192	3.50664934
6.65018591	6.611024	6.56834138	4.64132312	4.89309426	5.32508833	5.3616922
5.03006427	5.46552639	5.177103	2.94067761	3.37474643	3.92074498	3.91762779
1.04642936	0.49465471	0.49576538	1.40116088	1.51909019	0.90167736	0.97994807
3.19427579	3.61334066	3.54455383	2.38332582	2.70099622	3.10781814	3.11197113
0.07189001	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11105199	1.00E-04
5.46190444	5.97431758	5.90623464	3.10652116	3.48665363	4.56591534	4.53683296
3.9496919	4.22813613	4.22963605	3.38942779	3.94954262	4.15834179	4.37492375
3.72039441	3.72378556	3.88771668	3.81579302	4.15259412	4.18748623	4.31385641
3.14085136	3.09735409	3.11531692	3.05826312	3.33891706	3.30858112	3.29884665
4.01869305	4.05170978	4.05934702	3.52196958	3.61989026	3.7212729	3.72989258
4.0466717	4.40150678	4.41727269	2.13080526	2.49807957	3.30598393	3.35124326
4.03826775	3.74969345	3.79362249	4.68312362	5.04665664	4.97512542	4.98470538
4.7146798	4.25017055	4.34220042	6.29303982	6.38305014	6.35137761	6.38858229
0.0767751	0.06840705	0.14856339	1.00E-04	0.12439611	0.05598229	0.11180616

3.53312218	3.65226236	3.60724858	2.35813676	3.03952851	3.21853482	3.33379437
2.79670479	2.96159867	3.04479503	1.87234667	2.29914522	2.57727075	2.77504871
0.05502094	0.04286355	0.04675194	1.00E-04	1.00E-04	1.00E-04	0.08408003
0.7092751	0.36962137	0.436228	0.11693859	0.18758993	0.57628547	0.37600972
2.8489352	2.88222611	3.00881744	2.40268314	2.91271295	2.64626666	2.93517529
2.24287904	2.25484784	2.17555732	1.89177609	1.91271143	2.14365882	2.2901968
4.99168222	5.05194109	4.95244891	4.47001058	4.67209832	4.74997303	4.6974319
5.60681075	5.61421106	5.43917351	5.81099841	5.8369203	5.76150603	5.69121986
0.40121821	0.09210899	0.11516474	0.16336997	0.35405966	0.10998882	0.39182306
0.03816702	0.01655475	0.05614035	1.00E-04	0.28451008	1.00E-04	0.10239791
0.20682617	0.08472553	0.09881679	0.48706846	0.16933437	0.1191472	0.23311979
2.98090729	3.26403604	3.17355908	3.22262167	3.47877238	3.42514806	3.4099128
3.53723094	3.68664207	3.77774934	3.82318064	3.99389233	4.13088594	4.28033237
4.32451329	4.40616429	4.39444492	4.36693745	4.7187578	5.00936506	4.82984669
4.99312339	4.96565116	5.02085603	5.23057836	5.56790552	5.69784861	5.73585949
1.23071597	0.90554115	1.14974519	1.06166676	1.99599934	2.02822528	2.15320632
4.29790562	4.58693137	4.71746706	3.58453906	3.94796005	4.43107148	4.5568198
4.40464221	4.87645636	4.8397416	4.08256118	4.45345942	4.78454185	4.60458461
4.83169661	4.64400709	4.66817805	4.8149385	5.11032377	5.03853447	5.02039887
5.15453877	5.56254763	5.37901136	4.46643978	4.77699067	5.10985385	5.18039454
3.67478566	3.986466	3.94194066	3.51009451	3.53255767	3.75623013	3.77312288
4.75928338	5.16889382	5.08099792	4.70462016	5.18703215	5.47113301	5.55123653
2.44160105	2.6789585	2.84317874	2.09711166	2.35804117	2.77307266	2.78245888
4.72719221	5.07118812	5.15521902	3.14112998	3.44240866	3.92541834	3.98336055
2.39108016	2.33737164	2.44497834	0.39846058	1.39250023	1.23347679	1.42721094
0.03065946	0.00624653	0.00662022	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.04450617	3.47002723	3.64275497	4.66477255	4.93146894	4.96987093	4.97103286
3.45376725	2.93676745	3.13329516	3.4335631	3.22363458	3.44726834	3.46045165
3.44746558	3.98042292	3.88689129	1.86003346	2.3337878	2.99138407	3.14244479
4.80369268	5.12878473	5.01790276	3.65274404	4.25210539	4.71652254	4.71585898
3.8396971	4.34872694	4.25628288	2.29274635	2.49316894	3.13434101	3.06769557
5.20188431	4.21910453	4.45430165	5.44748303	5.8494458	5.61282737	5.66745855
3.53864682	2.93273755	3.16927935	4.90392769	4.84690515	4.84339575	4.77481581
3.59859781	3.73370185	3.87919609	3.46259919	4.02290632	4.3792873	4.37228476
0.36094703	0.38986453	0.49657258	1.00E-04	0.18364546	0.22457741	0.2326141
0.18687593	0.53548255	0.49426001	0.1751871	0.46538187	0.39122069	0.40347902
4.24923826	3.51516843	3.65585653	4.12587494	4.35813644	4.19791977	4.13204433
6.13963527	5.45964253	5.5239276	6.3485653	6.57774834	6.44395197	6.40090998
3.39466057	3.52938147	3.6182544	1.84497296	1.99444081	2.28118816	2.21829634
0.11148335	0.13643989	0.06692464	0.33879932	0.14054067	0.26530578	0.34050221
2.63447686	3.13808914	3.20651617	0.6623675	1.00013474	2.15127967	2.15460578
3.11724039	3.25183289	3.3038982	1.00E-04	1.20736787	1.31060289	1.57849297
0.11455993	0.0642464	0.11494032	0.26992319	1.00E-04	0.06593477	0.14966115

4.52964729	4.63477539	4.73503115	3.67977867	4.04530884	4.311115	4.29785872
4.45498819	5.08612229	4.95592392	2.89301821	3.07481375	4.06999694	3.99948176
4.17465355	4.53678398	4.58622875	2.67118631	3.123699	3.55950536	3.43005548
4.99901391	5.53920453	5.42467513	2.27510728	3.12642765	4.16573966	4.24497826
2.67270014	2.93815712	2.95292695	2.34043565	2.73623799	2.60480786	2.69907929
0.22144178	0.03067142	0.22993479	1.00E-04	0.43849888	0.04054574	0.27475687
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10738314
1.00E-04	1.00E-04	0.00718309	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.98060114	4.31328898	4.32749064	3.88355856	4.1008381	4.16964765	4.18109899
0.07815668	0.16376	0.27225426	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98649299	0.90406065	0.855417	0.76706659	1.28590585	1.08603141	1.1504719
1.00E-04	0.00828315	1.00E-04	0.25411524	1.00E-04	0.04746943	1.00E-04
4.43354194	4.78570553	4.65400707	3.71230562	3.77568803	4.20364222	4.30367626
3.01767095	2.75141789	2.65535507	2.2363073	2.57721168	2.62470592	2.58944298
0.44996877	0.0446963	0.27578607	1.00E-04	1.00E-04	0.12249436	1.00E-04
4.78800582	4.47607926	4.44016976	5.4548776	5.4217419	5.51460964	5.64242145
3.36495899	3.23291234	3.19621894	3.42818138	3.51867698	3.20139711	3.64341451
4.30172332	3.60380531	3.80282165	4.61672272	4.91042693	4.69478012	4.81078222
2.96591753	2.41315406	2.49438776	2.6657575	3.01369537	2.8200618	2.75526186
3.52130971	3.13460838	3.26430165	2.99087621	2.8733223	3.17534257	3.43442926
4.42427943	4.12511135	3.96217202	1.31708421	1.79547087	2.03008699	1.88974224
2.16211953	1.91385626	2.40171447	1.28270568	1.74713551	1.43496786	1.79732676
4.90008461	4.4666877	4.54486627	5.63045653	5.78686238	5.70770074	5.78799778
1.00E-04	1.00E-04	0.00806549	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43748581	0.46323775	0.66880947	0.44559569	0.89849853	1.471846	1.47649922
1.39317437	1.55164609	1.57955662	1.60528369	2.29236095	2.1228361	2.1073822
2.96786257	2.8455826	2.91909579	2.91347654	3.1451505	2.43916637	3.34690219
3.17895173	3.3531815	3.24977259	1.75988736	1.70412528	2.2045366	2.11832544
0.11051937	0.35730364	0.17768915	2.9380953	2.87169006	2.46647378	3.18600268
3.34519821	3.21925086	3.21893586	3.21326375	3.59638753	3.52640892	3.36974505
4.35794194	3.61812257	3.67105883	3.05617783	3.32900529	2.95973559	2.96647596
4.35059034	3.84685428	4.06566944	4.5665882	4.72385215	4.77037516	4.7306427
0.99727353	0.68375768	0.85812023	4.05623469	3.26420831	3.90565322	4.258771
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15657219	1.00E-04
4.28264804	2.97210801	3.60683009	5.72378563	5.92200153	6.12363602	6.29603893
0.20386096	0.04997216	0.00767415	0.09600186	1.00E-04	0.06569861	0.11064921
0.65992756	0.53393821	0.6394102	0.96120706	0.74417066	0.75408905	0.75530857
2.29993465	1.14238211	1.8153249	1.25335994	1.5217685	1.35224895	1.10889334
0.38007741	0.33266859	0.36172736	0.15889884	0.33947754	0.7809155	0.78456572
2.52152462	1.86369369	2.65004531	3.03329024	3.2060611	2.89356934	3.53965661
0.16771303	0.07251761	0.07307663	1.00E-04	1.00E-04	0.21568868	1.00E-04
4.70055518	5.16909691	5.02246531	2.22064589	2.61732484	3.42172224	2.96858505

5.76999198	5.18893396	5.33056832	6.49345556	6.73441895	6.68147982	6.65417995
4.93747394	4.83083131	4.80741436	5.2380354	5.47193109	5.51206567	5.53646064
0.58097318	0.35697219	0.30031977	1.81154283	1.42699498	1.45622247	1.7695431
3.49210384	3.20934151	3.40075679	3.71087389	3.55836808	3.81335689	3.84132552
4.10010139	3.72526238	3.95459965	3.64434701	4.0330049	4.02931532	4.13036568
3.49961213	3.5182902	3.49793455	2.51174148	2.67322111	2.79690785	3.00507779
1.61128547	1.39116965	1.69880244	3.7427165	3.64406502	3.69736022	4.11187989
3.97250543	3.38762017	3.46176137	2.08231124	2.95474198	2.81763691	2.81533494
0.66408368	0.54994615	0.45419485	0.88359637	1.30238626	0.86764856	1.30464387
0.34254402	0.24837172	0.16867843	0.20018252	0.49983909	0.50555194	0.33452104
1.42027915	1.55767104	1.44858407	1.06656157	1.35165932	1.44065421	1.72278915
4.53233921	3.6979362	3.96915239	1.73967582	1.86916221	1.70392013	1.69189982
3.19113284	2.95510847	3.01976867	3.43703	3.7706151	3.73704609	3.78254617
3.00135252	2.83817624	2.93576964	2.84013347	3.28990019	3.3929334	3.577832
1.98566177	1.66665115	1.62429568	2.43380249	2.82504682	3.06981402	2.8786897
1.38515209	1.67092472	1.78420095	1.23020744	0.50714931	1.13192536	1.0821967
0.06973167	0.05763646	0.06541886	1.03119095	1.11145967	1.01140278	1.07274578
3.4700322	3.49947107	3.56663666	2.45563905	2.98742542	3.13346108	3.13998316
2.09016227	1.84629387	2.18536411	0.25455879	0.21913216	0.45291051	0.38078389
3.91089939	3.62209678	3.89740064	3.41990681	3.67795388	3.70868734	3.41764656
5.38266751	4.19616153	4.49492831	4.1756196	5.03306003	4.2532165	4.32003703
3.83996844	2.8516312	3.05400873	3.22072185	3.62104265	3.18157443	3.24327275
5.14778054	4.6518888	4.80110682	5.17760029	5.53693743	5.3603108	5.36979035
2.31770405	1.43088222	1.58797434	6.01390561	6.51021049	6.22545756	5.96922186
3.68606304	3.33152852	3.57085367	3.65631466	4.06338043	3.89264636	3.96854778
3.94949067	3.49054414	3.71705949	5.2239307	5.7041439	5.44311235	5.58463443
3.83319907	3.72378612	3.71114472	3.26937822	3.24329893	3.3236136	3.38779546
4.91059975	4.74054346	4.76033483	4.98505707	5.37022742	5.27431649	5.17853565
5.25053704	4.78366401	4.9170991	5.21488409	5.55668539	5.50048401	5.51557954
1.50789528	1.62986624	1.54597627	1.00E-04	0.38147205	0.34368503	0.18195994
1.00E-04	1.00E-04	0.01215737	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07012938	0.09184304	0.16286953	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4881241	0.91836155	0.88030102	0.35732802	0.50397388	0.79567042	0.55826358
0.88329433	0.49030774	0.70619174	0.28084913	0.34658305	0.10744804	0.30758937
0.8921162	1.1991766	1.25382525	0.37129448	1.00E-04	0.33150731	0.3004415
1.40692734	0.42154763	0.58931504	0.23990694	1.00E-04	0.16372415	0.62539711
0.07487184	0.02148838	1.00E-04	0.2028916	0.36955484	0.28221183	0.20001451
2.25856408	1.84061662	2.17647359	2.12118404	2.78578921	2.81616228	2.77375065
4.11546683	3.72518678	3.80354074	5.50605081	5.59207593	5.70408464	5.68442225
4.75363267	4.20116259	4.25850589	5.39572432	5.68352994	5.54897062	5.42129369
3.9129632	3.54720127	3.72334951	3.51223859	3.50420521	3.5443053	3.6719558
4.24176701	4.61222001	4.21732647	3.61817525	3.95807641	4.02282525	3.98314975
5.52307647	5.17238421	5.10817044	6.24234776	6.33697866	6.33877943	6.37721618

3.32558763	3.08553654	3.19844103	3.15388388	3.37262484	3.27993024	3.28643423
2.73465631	2.65635039	2.77437805	2.5163959	2.58273779	2.835459	2.70077975
2.60568948	3.01120922	3.07535395	1.08998275	1.8638436	2.34098511	2.27619925
4.6801274	4.57899652	4.4541286	6.24632568	6.50154906	6.53789573	6.47341299
5.88955974	5.92077551	5.92351401	6.66521494	6.86064743	6.95504926	7.00055653
5.36323995	5.20579495	5.20053787	4.98766619	5.2317656	5.01076192	5.07613272
3.1708529	3.25134256	3.30454986	2.94226469	3.31211695	3.15445893	3.24036455
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4.97979893	4.20445119	4.32708689	3.69397115	4.17718255	3.77130234	3.90458859
0.26096069	0.3682788	0.33576841	0.41838157	0.11664458	0.19971619	0.69135212
0.08808555	0.09414836	0.08309981	0.20137881	1.00E-04	0.26619199	0.23851773
0.48866297	0.35313489	0.35293861	0.60107294	0.1508983	0.56028958	1.02136899
0.96720085	0.61731654	0.83004194	1.87181917	1.73421193	1.83062288	1.57786553
0.93293648	0.3226221	0.70342388	1.07004973	1.57267842	0.88425773	0.82567329
2.24595358	1.83483431	2.21288713	2.87256255	3.36795859	3.0337715	3.11976889
0.86159191	0.33016208	0.37125359	0.782254	0.83485818	0.63103994	0.54997699
3.54995593	3.30393871	3.52459488	4.63903966	4.87234813	4.65963063	4.84295776
4.11921164	3.61795387	3.87264937	3.77833743	4.16538414	3.96821716	4.05814184
2.05592745	1.61351213	1.81715996	6.20189506	6.42930028	6.44026565	6.36009288
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4.29851067	3.8819857	4.08760408	4.04547014	4.33059601	4.23666331	4.24132724
0.68533529	0.6200287	0.69693364	0.97173006	1.39120393	1.11127755	1.09933138
1.7740841	2.1062131	2.37446735	1.559856	1.47806748	2.28588553	2.28348863
0.07686072	0.01687202	0.03287572	0.48161206	1.00E-04	0.11033329	1.00E-04
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0.11474483	0.0146428	0.03154372	0.25770778	1.00E-04	1.00E-04	1.00E-04
3.3210333	3.85887282	3.38903296	0.78501297	0.94024478	2.08073396	1.61622183
3.34860783	3.41747167	3.58079842	3.11380787	3.11118918	3.36686063	3.65940218
3.83143347	4.0510669	3.89697673	1.58000484	2.02297849	2.42376605	2.13235438
0.85665007	0.4590293	0.77130894	0.22015595	0.66278425	0.46307721	0.8881288
3.44090019	3.97629107	3.95825751	1.75207558	2.17356013	2.73795027	2.71400188
1.00E-04	0.00319975	0.01837003	0.21471554	1.00E-04	0.30749614	1.00E-04
1.14383977	1.0039524	0.86836267	1.98466196	2.84973008	2.14660711	2.12375681
1.96219836	0.94231392	1.13649051	1.00E-04	0.98738271	0.6927596	0.72923988
0.60169577	0.51544358	0.52835106	1.49841628	1.87589306	1.69688952	1.5411626
0.89001658	0.71311131	0.86101575	0.90510713	0.87148816	0.92144846	1.23392358
2.12228862	2.30070732	2.15988433	0.46974783	1.29076506	1.15172075	0.75155847
0.40602683	0.24771264	0.35668091	0.80610974	0.79968222	0.38631311	1.16594652
2.91712334	2.36927704	2.91729951	2.11877675	2.99024104	2.78631579	2.98054231
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.70152454	2.46231297	2.49075064	4.02934003	4.28059137	4.36410248	4.34401272
0.53712918	0.37695632	0.59371596	1.75635356	1.44714207	1.34058051	1.47344401
0.03385025	0.03053641	0.03608376	0.13626473	0.14187827	0.0954908	0.14545032
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0.80818716	0.30989659	0.40339171	0.44445964	1.20501792	0.59837891	0.94749662
4.56752861	4.10544201	4.23221526	4.93285717	5.39724778	5.33078121	5.18238389
4.86754323	4.19728693	4.33562976	5.08085851	5.39652193	5.29578591	5.35775942
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2.68012193	2.4020306	2.55298932	2.02700384	2.42662415	2.20194668	2.44698029
2.79226198	2.96571913	3.10889563	2.75263403	3.15006336	3.38050366	3.54495125
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0.33822308	0.3166267	0.20073596	0.80754237	1.12544998	1.33885442	1.04378304
1.72929817	2.16921321	2.2206246	1.17738205	1.00902638	1.59207094	1.98205601
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3.60724265	3.34284687	3.47365898	3.7837578	4.02752631	3.84158053	4.02367782
1.01065479	0.61896832	0.85609674	0.78843128	1.2720296	1.23833753	1.48279068
1.44969867	0.72226235	1.03159333	2.34929462	2.86300615	2.56710264	2.79433155
0.23787135	0.29327691	0.34159269	0.51788781	0.91772667	0.68043393	1.01208244
2.88703078	2.75356393	2.85551309	2.46497505	2.77699396	2.34704099	2.91315651
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4.08488954	3.9593107	4.09225376	3.27465944	3.47715758	3.36505075	3.36266775
4.55830941	4.39653903	4.61168818	3.582651	3.69794035	3.7171727	4.01288003
5.19682604	4.8329007	4.90219447	4.9889815	5.28014714	5.22787667	5.24553881
1.495408	1.21103082	1.32249618	1.43909629	1.0915224	1.1933806	1.60483235
4.16338638	4.4729953	4.33765437	3.17578927	3.38343538	3.61817072	3.5344754
4.22809633	3.97244343	4.12305757	4.00049065	4.27674833	4.31298429	4.33118975
2.99917453	2.41030797	2.62621256	4.2605306	4.68629209	4.57014234	4.57602059
4.87373643	4.25428592	4.51851949	5.56998408	5.81610922	5.84045088	5.75173399
0.6823988	0.42282471	0.39278975	0.36590888	0.64120992	0.89705252	1.07380642
1.07556402	0.88325532	1.41935487	1.68929395	1.55173083	1.7379082	1.53881435
0.36787977	0.23896015	0.21952654	2.78403833	2.70406252	3.67644261	2.57602421
3.47007231	3.22307976	3.29728152	3.47192985	3.49236636	3.5632066	3.67410153
1.6492998	1.30826992	1.35672307	1.20700308	1.47975794	1.56411708	1.36908846
4.96086961	5.25480625	5.28637185	4.31710181	4.56894614	5.13511687	5.0364708
3.42884709	3.38512133	3.37674003	3.39095738	3.79003807	3.70661944	3.73846605
4.28024999	4.6354609	4.58209688	3.28146891	3.4053143	3.84593313	3.79745327

4.66690492	4.35966337	4.46642976	4.9925269	5.19967052	5.14550744	5.16607229
3.82928314	4.5147882	4.60089285	0.77309016	1.87156633	2.51820582	2.5179794
4.61671237	3.96196595	4.12092654	5.02477054	5.26500157	5.14141521	5.0105392
3.62596834	3.6951406	3.64089318	3.75907663	4.09279797	4.17033559	4.1978469
3.64891411	3.22942406	3.42569914	4.64155769	4.770834	4.50293673	4.58299216
1.37749993	0.90123489	0.98012638	2.5841887	2.71488222	2.43047732	2.80972997
2.85707079	2.48181462	2.65838337	3.32237182	3.76934159	3.59167662	3.62195186
3.27687911	3.0853415	3.27011142	3.52394275	3.75565553	3.63544943	3.71677036
4.01119058	4.14560857	4.04264223	3.96703294	4.26115078	4.34093809	4.45269268
0.04587534	0.08166741	0.18283609	1.00E-04	0.41825101	0.22010914	0.32468497
3.95131765	3.32014763	3.788711	2.3570763	3.46294914	3.71915624	3.59736067
1.970089	1.7393547	1.92262777	2.15639523	2.59689679	2.4817604	2.77577016
0.03128757	0.01479289	0.04411018	1.00E-04	0.45396586	1.00E-04	1.00E-04
0.07298089	0.03348253	0.06304229	1.00E-04	0.18882626	0.22653124	0.70410148
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18961784	0.12583495	0.11566797	0.37209524	0.43999377	0.36504478	1.00E-04
0.38622672	0.1781753	0.17908382	0.56588092	0.58927979	0.80718694	0.4773629
0.50287059	0.24218142	0.23074255	0.0766008	0.49338759	0.25404001	0.39626757
4.52695567	4.22508143	4.23409969	3.75061739	4.3175315	4.16436246	4.18757453
2.66283142	2.81927078	2.90201218	1.55060608	1.9626629	2.00001263	2.25281641
3.36086915	3.53893286	3.62265534	3.34855057	3.50830137	3.54321325	3.63928895
4.82089494	5.29366015	5.24257023	3.08199539	3.44023328	4.07183513	4.01542356
3.68687081	3.77348874	3.83371746	2.38867907	2.9522806	2.88079187	2.9601573
2.64528132	2.00701536	2.18893659	3.18513888	2.90655452	2.65890456	3.23528672
3.95977694	3.72440375	3.89160625	3.8704489	4.28971665	4.5612679	4.55790329
0.15378337	0.19279856	0.25065758	1.00E-04	1.00E-04	0.22989836	0.35695373
0.10348487	0.04748081	0.08667709	0.1968923	0.37949743	0.15434185	1.00E-04
0.62663176	0.56707878	0.97546948	1.00E-04	0.20721798	0.54845859	0.77848915
4.05655128	4.24746114	4.24701412	3.51549642	3.91571394	4.04879206	4.03811981
3.81742128	3.51607234	3.61028764	3.98716878	4.3564861	4.46675795	4.49980793
4.93400849	4.20226259	4.38221928	5.86321107	6.31860377	6.11339784	6.15183511
3.90687046	4.15032803	4.11374048	1.63018513	2.45673803	2.7204249	3.09587784
3.69301319	3.70165526	3.77046229	4.0732195	4.27698093	4.25337977	4.350864
3.583503	3.28579494	3.35676529	3.55242783	3.78094577	3.58234538	3.63331058
2.14619955	2.04450951	2.18465973	1.80937297	2.278381	2.43436502	2.47974156
2.71547891	2.20920047	2.37041406	2.89588347	3.2387597	3.33719797	3.31051212
2.70556047	3.08138695	3.02986956	1.46301611	1.6927219	2.33510999	2.3050554
3.68736404	3.87541938	3.87145292	2.91008512	3.25949738	3.32265874	3.37490939
1.88890506	1.95571779	1.91290596	1.62190088	1.50348103	1.85471019	1.82698077
3.06391034	2.64858269	2.81744023	3.6018073	4.04643609	3.98255125	3.62544449
0.28552735	0.0726051	0.02320068	1.00E-04	0.21978605	0.08269675	0.27991896
1.74655443	2.27751162	2.53237408	2.45160429	2.81371129	2.64168779	2.87318956
1.56009272	1.30474914	1.60494981	1.88264801	2.02285272	1.54063616	1.88169658

0.19568983	0.12291989	0.18480675	0.3106126	0.36105063	0.61673472	0.25787095
5.08719972	4.58554396	4.77700229	5.06566793	5.3696639	5.18979103	5.22584147
0.83804884	0.62067421	0.71081936	0.94171728	0.86324512	0.90787896	0.96274661
1.69856601	1.26692661	1.5224283	1.22138288	2.12912427	2.55249759	2.50378174
4.09730299	3.80625322	3.9132951	4.70270633	4.99043668	4.89886401	5.00014531
1.00E-04	0.08735927	0.17419678	0.90356305	1.49056189	0.84138858	1.25896504
0.1081697	0.03375323	0.0704472	0.08513605	1.00E-04	0.13486005	0.31364842
0.78754374	0.39104891	0.48557645	0.35412643	0.6760828	0.41033629	0.73636841
3.96148771	4.13035728	4.14592975	1.95058605	2.21834597	2.57747933	2.72292637
0.38098272	0.08031024	0.06697168	1.00E-04	0.02237225	0.04478641	0.56792542
2.87423187	3.3305047	3.26024509	1.29850434	1.88244261	2.37706813	2.17217691
0.11771915	0.16366838	0.23336816	1.00E-04	0.22857891	0.1727659	0.1383115
0.31775558	0.12322443	0.24284925	1.15346773	1.30250863	1.20647825	1.24617712
4.62907125	4.23876612	4.39592225	1.73154558	2.34905178	2.17106868	2.00031054
1.94746336	2.31495068	2.37688509	1.38645595	1.69521444	1.35310495	1.67137541
0.99680044	1.24770477	1.20995456	0.3922619	0.24455141	0.40965968	0.36119491
3.90691419	3.32934031	3.41779147	4.24917805	4.49035668	4.51005774	4.59160654
3.99570309	3.88135767	3.97526128	3.80242779	3.8773239	3.91082614	3.89109773
0.42339101	0.15294843	0.32374001	0.50475917	1.48277661	0.81429568	1.10451077
0.03032283	0.04597544	0.0886048	0.91005086	0.79075884	0.53584252	1.06293141
2.09441851	2.78042682	2.46857047	0.70162482	1.07440579	1.46163721	1.47622595
0.80338687	0.68169136	0.87339189	1.45507776	1.7121251	1.51744636	1.55995764
1.0992473	1.12799342	1.04215335	0.50396365	0.1310124	0.43982146	0.51364197
0.02972483	0.05266777	0.03437364	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70194658	0.70654241	0.72940429	2.38316089	2.34821982	2.41030786	2.78123911
0.10623702	0.06651737	0.02854692	0.20745837	1.00E-04	0.12049918	0.15991233
1.32799097	1.02178465	1.13247145	1.45996485	2.10771823	1.71339087	1.82304615
0.02034123	1.00E-04	1.00E-04	1.00E-04	0.18154224	0.09251718	0.17243089
1.68421761	1.76013314	2.21881781	1.14111062	1.0606528	1.14516056	1.33248362
4.18721312	4.36837248	4.28847665	3.2615921	3.57690387	3.9380443	3.93354493
5.417811	5.06489936	5.22443638	2.29378729	2.47152579	2.64339031	2.81634568
3.05175484	2.71034088	2.79992495	3.15491866	3.71761485	3.43813291	3.62754797
0.28634343	0.09456912	0.24813903	0.253368	0.47688694	0.41313373	0.74141836
0.84721696	0.97084033	1.17590776	3.29373768	3.06268353	2.57906573	3.1777588
2.34206939	1.76501886	1.9623068	1.75051056	2.84321929	3.09595582	3.04660856
0.99607531	1.24167185	1.36509011	0.62041761	1.46681268	1.99640553	2.22561594
4.34771885	4.18950055	4.28119669	4.10977782	4.33755545	4.13545366	4.29519253
2.16510921	2.05161822	2.05409438	0.33420322	1.41274254	1.05018104	0.77050877
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.32863108	3.00182586	3.17757763	5.87293109	6.01578118	6.06434641	6.11171107
2.70846779	1.51533143	1.88982165	6.23121342	6.27985917	6.04505152	6.16674327
3.52441964	2.49579748	2.92609779	5.22114438	5.6940136	5.21609884	5.43522056
0.030459	0.00601731	0.05880895	1.00E-04	1.00E-04	0.10094055	0.20130689

1.47529896	0.92209154	0.94916498	1.70131735	1.73983725	1.240479	1.38004688
1.2306625	1.71456759	1.7374055	0.13540772	0.20986075	0.75405072	0.89214321
4.755927	5.01279466	4.95541958	2.22427722	2.99193993	3.38475124	3.36320498
0.01650049	0.03162983	0.05750398	0.20852433	1.00E-04	0.07129062	1.00E-04
0.71247216	1.09098936	1.18040476	0.67556923	0.64427783	1.17232451	1.63555297
4.26013019	3.56623258	3.85016036	4.1508207	4.41672711	4.37149156	4.36392378
3.56697125	2.71728732	3.28900167	1.73984338	2.10418182	1.5320296	1.5424934
3.53110026	3.31048424	3.51838107	3.8024465	4.15611639	4.23999144	4.30565528
0.02647448	0.03745227	0.05853776	1.00E-04	0.20752408	1.00E-04	1.00E-04
0.69372894	0.32245601	0.6032613	1.00E-04	0.07946758	1.00E-04	0.19130596
0.35347642	0.24219056	0.22107238	2.04137312	2.77591995	2.58620715	2.24255738
0.0826738	0.02837337	0.10986404	1.00E-04	0.23132566	0.13339328	0.12155105
0.73706272	0.24657562	0.23897838	0.17336032	0.50198546	0.25071458	0.29311104
3.94749992	3.60030697	3.74917437	5.06805414	5.32247311	5.39408673	5.42135309
0.7483519	0.63839049	0.85243252	0.99524489	0.9128523	0.71334859	1.02116307
2.92238398	2.91824879	2.87709398	2.50863293	2.89884677	2.79356852	3.18532586
0.25573936	0.12890812	0.19062527	0.74634511	0.78316522	0.29549328	0.31214257
2.93478136	3.19605546	3.21995773	2.13349926	2.47705009	2.63511047	2.90299936
0.51159609	0.32269714	0.46371427	0.86234318	0.41305197	0.4389599	0.55538118
0.09234804	0.01429853	0.02113346	1.00E-04	1.00E-04	0.06264385	0.1525097
2.12616626	1.84999872	2.15791555	2.77539274	3.26502226	3.29226818	3.48909988
0.11011788	0.117375	0.15859493	0.33009162	0.07958553	0.21361275	0.29722103
0.10631559	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23064588	0.09120267	0.08435083	1.01329059	0.9156938	1.13987877	1.30096004
0.29112027	0.21435337	0.36625918	1.00E-04	1.00E-04	0.14244838	0.17606971
0.81662211	0.10724591	0.2646735	1.00E-04	0.52709427	1.00E-04	1.00E-04
0.66816958	0.23176771	0.25326115	1.00E-04	1.00E-04	0.50310689	1.00E-04
0.80955985	0.63278635	0.50230078	0.50616399	0.62123119	0.99653369	1.00315742
0.07631527	0.12511096	0.06838742	0.47516084	0.11705863	0.34840023	0.09146531
1.00E-04	0.00781584	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23149346	0.07961569	0.16317798	1.00E-04	0.3671411	0.03738711	0.77784708
1.00E-04	0.01713038	0.02792744	1.00E-04	0.16376478	1.00E-04	0.08908767
0.04100811	0.01038602	0.03663233	0.34386858	0.14073653	0.07401929	0.2362562
1.00E-04	0.02835415	0.02286943	1.00E-04	1.00E-04	0.05719054	0.20269782
0.05383709	0.11401494	0.21654178	0.44146719	1.00E-04	0.40394046	0.75584199
1.64342738	2.21366224	1.92827903	2.40906753	2.72907991	3.08272905	3.22028407
2.12919571	1.28195533	1.58592417	5.53982194	5.56509051	5.66278695	5.40357215
4.36377015	3.9939533	3.97588804	5.60257239	5.8022451	5.65631853	5.31265955
2.29303406	1.74804496	1.94900279	0.82358886	1.4744153	1.03365844	1.31478075
0.14868431	0.01602677	0.06059135	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.45985036	2.56720748	2.66182583	1.70210629	2.28716096	2.42009205	2.59156299
4.22234652	3.8746022	3.88216308	3.76836358	4.08738403	3.88219189	3.89889692
3.27605706	2.85298918	3.03373656	3.61616139	3.62876415	3.78747385	3.78896905

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2.33056571	2.254042	2.4333034	2.9088982	3.09346213	3.16071969	3.09534764
4.70600788	4.28085295	4.51201655	5.10694986	5.43027734	5.26338938	5.62273543
3.51422124	3.23135901	3.2387049	3.68825905	3.92872843	3.86299113	3.95403133
0.03967064	0.08387464	0.06322903	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.02494977	4.79662224	4.80002633	4.43753593	4.84753116	4.76285889	4.86215412
1.08749882	0.60834898	0.60435869	0.50724699	1.30647904	1.00540076	1.12504299
2.53491548	2.66664607	2.80243392	3.06873636	3.13155377	3.19578115	3.43932843
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1.00E-04	0.03993608	0.04395556	1.00E-04	0.13744117	0.27766297	0.33587185
1.77865078	1.98307147	1.96328561	0.47902502	1.26462612	1.39305165	0.89312378
0.03366249	0.06565358	0.02622454	1.00E-04	1.00E-04	0.13580376	0.07133816
1.33648051	1.18462984	1.08828517	1.00E-04	1.23842165	2.07289886	1.85434879
1.84858591	1.68271789	1.96025336	2.66129755	2.92956708	2.82605753	2.83473492
3.07520595	2.79375186	2.9581618	3.15140033	3.55995794	3.41383208	3.43672547
2.36152746	2.28834766	2.45879896	1.9587791	2.260346	2.60612596	2.78213404
3.14092545	3.40115076	3.38319258	2.18586295	2.46418368	2.92318369	3.05313468
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4.16983826	4.67751084	4.56572504	1.50216466	2.07114974	3.0484711	3.11996131
2.87272783	2.99323495	3.01396572	2.71540849	2.67412692	3.04590512	2.96186023
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2.25815935	2.25452424	2.44146372	1.22294072	2.01138555	1.97365834	2.43786158
4.76314813	4.59453324	4.62105449	5.2520607	5.5459272	5.66283162	5.66853313
1.78989197	1.81622151	1.89680138	1.91114216	2.5317579	2.46932421	2.64012084
4.35853832	4.07827505	4.0353966	3.63185432	3.97073438	3.89670087	3.9013333
1.81673012	1.72978426	1.82100757	2.34312707	2.69472432	2.62779923	2.52602093
3.50220425	3.3991899	3.4597311	3.510826	3.82372196	3.9073416	3.98338253
1.00E-04	0.00347686	0.00705972	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.91086672	3.41716401	3.57262465	4.205778	4.56258169	4.44713639	4.4695363
4.89012267	4.34815855	4.42011454	5.56873807	5.92414666	5.69039288	5.67396741
2.59315152	2.051886	2.25252245	3.67448002	3.76623923	3.48247271	3.50303883
2.43017114	1.96912018	1.77995112	2.18023883	2.34404731	2.09252535	1.8335865
1.61839036	1.48466618	1.73990848	2.535982	2.6479669	2.7426593	2.77483295
3.39336406	2.94803156	3.14820837	3.51888123	3.79027295	3.7902296	3.71609836
1.97167005	1.90883103	2.00645391	2.10548993	2.40621952	2.33601039	2.33443187
2.47926474	2.41278337	2.56006473	2.15102906	2.50819727	2.58507774	2.79218104
3.58944388	4.02018427	3.95542867	2.80023894	3.18523024	3.48131367	3.67971688
0.0799782	0.13409213	0.0584625	1.00E-04	1.00E-04	1.00E-04	0.16871575
2.82475666	2.53749086	2.76058164	3.2533649	3.56343452	3.26594204	3.44689448
3.72649748	4.09225854	4.09039748	1.88402951	2.30924879	2.9356089	2.88683208
1.9201011	1.61732561	1.91229325	1.51739257	1.9081838	2.1275364	1.90239027
0.25641097	0.13472165	0.15541034	0.46279506	0.22864477	0.17401306	0.28619271
1.04844949	0.39670366	0.39351575	0.58185758	0.77830359	0.61098718	1.01229167

0.02225727	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66174687	0.42493337	0.54111373	0.71206914	0.6070999	1.14828375	1.15891339
1.00E-04	0.03995063	0.01501338	0.18208041	0.32119524	0.53176976	0.08370126
3.21244697	2.86320035	2.86950561	3.56762442	3.97418266	3.98839704	4.05480132
0.98638576	0.80128967	0.96568688	0.82422358	1.92250231	1.56871753	1.56924224
6.46313716	6.5688499	6.64093745	3.71983676	4.36629825	4.9361295	4.91661175
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16467026
0.09345978	0.04277699	0.04883906	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.90332582	2.09689111	2.18791522	1.27970214	1.56337079	1.35691595	1.29320143
5.13576274	5.48207652	5.43461092	3.00776115	3.54498053	3.92457694	3.85973654
2.23705699	2.24572033	2.34175828	2.75624	3.21165922	3.08383152	3.29101401
3.43271878	2.55546325	2.85276738	3.16671433	3.80929114	2.60234544	2.98700149
5.65863751	5.65824884	5.45611344	3.87247754	4.225357	4.11057203	4.09323617
3.25840346	2.91660262	3.11291798	3.86002061	4.10563841	3.89486436	4.04452946
5.15261655	4.62945971	4.61768793	5.18504973	5.56313968	5.2095829	5.26739736
5.39389144	4.87995303	4.84293717	5.50755694	5.77992081	5.68730926	5.84715934
5.49554968	4.85973054	4.99205821	5.57525406	5.83722978	5.72400265	5.78435874
2.47725082	2.18606118	2.28073558	2.30063043	2.63518733	2.68438171	2.99787356
6.18655617	5.72615496	5.72711549	5.71777069	6.0644441	6.04521345	6.03802726
3.62899792	3.22804139	3.32696542	3.09459679	3.61039333	3.64636571	3.7857938
3.20406203	2.89368904	2.93834305	2.88567753	3.29466015	3.4267245	3.45550691
3.50239591	3.25981374	3.22758417	3.29347903	3.66918413	3.7056663	3.76562481
2.44775416	2.59624251	2.62409248	2.42925772	2.44597345	2.91879287	2.92284468
3.18431786	2.57490926	2.90730292	3.87154662	4.10848395	3.94270911	3.92036704
3.15397242	2.77124232	2.92649907	3.49169031	3.73814248	3.49194214	3.47572831
1.54352806	1.74462129	1.75369787	0.94366996	1.18478275	1.5807245	1.70724643
3.52598538	3.5721498	3.64696283	3.86957282	4.0384261	4.10529543	4.23349373
0.87244243	1.76237008	2.37835332	1.00E-04	0.20231428	0.20026406	0.42007132
3.90090229	3.79659281	3.83680644	3.70826776	3.94178277	3.70948606	3.91082247
2.54500367	2.40353473	2.46318767	2.12400041	2.65572956	2.50413724	2.69158879
2.05201883	1.99797017	2.10923625	3.22804782	3.43618712	3.56768934	3.7497938
0.85952817	0.50908913	0.47076791	1.46273498	1.85018601	2.12731599	2.0830084
1.00E-04	0.00669279	0.00780593	1.00E-04	0.42890219	0.03361934	0.3084236
0.23987943	0.14717747	0.13972433	1.00E-04	0.26042011	0.31924575	0.14356743
0.10262227	0.05970134	0.07222242	0.20443948	0.25960332	1.00E-04	1.00E-04
1.00E-04	0.00415529	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07596876	1.00E-04	0.07038716	0.12912625	0.39538399	0.20311783	0.23500636
0.31531982	0.37653278	0.29501902	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01505693	0.04812403	0.11699326	1.00E-04	0.15986847	0.12872398	0.44526456
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16086484	0.07594961	0.13416641	0.25860126	0.24199564	0.18035534	0.11905214
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.05953186	1.00E-04

4.0920571	3.69886175	3.87553369	5.18506179	5.1915272	5.29038568	5.43767591
4.29999568	3.83944397	4.00787881	4.86607565	5.12046595	5.20329132	5.17957556
3.77524291	3.16611327	3.27309968	4.29885252	4.66365439	4.70130282	4.73107734
1.00E-04	0.00717107	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.81549409	3.74719234	3.91063113	3.27839785	3.74213752	3.85503344	3.93596546
3.51954948	2.77927932	2.88724924	4.03236297	4.34991444	4.14562459	4.15880926
3.22604242	3.41730699	3.4950551	1.15238852	2.00122686	2.03189434	2.17751057
5.11608206	4.99064074	5.01731885	5.15504255	5.46464988	5.54347599	5.51770745
3.6100353	4.03389995	4.07615299	1.38295165	2.0610522	2.31078564	2.22020268
2.35278879	2.37055146	2.54862022	1.765589	2.06403286	2.10394435	2.31076177
0.05933797	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.71516188	4.25661171	4.35005358	5.26885653	5.59309421	5.666941	5.57376554
3.11504748	2.73825192	2.94617151	3.28440135	3.52941985	3.37382621	3.22969677
2.86934897	2.80014592	2.80604484	2.6275031	2.86440403	2.85990931	3.02202142
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4.52088702	3.9270541	4.20723994	2.01538604	2.20106206	1.88257122	2.19608269
2.27075684	2.31889332	2.46117644	2.33776659	2.62843573	2.55612019	2.47204321
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4.00931261	3.62268726	3.77023753	4.50659768	4.75501515	4.74815764	4.72301117
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2.08707379	1.91419766	2.0280026	2.17831968	2.52141176	2.37491376	2.22486258
2.9679812	2.22512717	2.51804119	3.24430464	3.42667386	3.14379171	3.57173899
4.38542162	4.02220264	4.23931225	2.15643829	2.65465434	2.46294767	2.52884159
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2.59340638	2.14618263	2.27149505	3.9888146	4.22523759	4.3589072	4.33050979
4.26660959	3.77629795	3.94326307	4.33531209	4.57580289	4.57359551	4.66196355
0.12421312	0.12334419	0.06703897	1.00E-04	0.26200723	0.21166307	0.3503852
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4.18259855	4.02290771	4.20804615	4.6250654	4.68367771	4.93537803	4.79329664
2.29979567	1.96053586	1.99285827	0.81522091	1.30014854	0.66663576	1.26368187
2.13286946	1.93045299	2.14519713	3.29378872	3.73761014	3.69097718	3.55866317
2.32709539	1.78886643	2.02897682	0.89988151	0.92567878	0.39951465	0.61936755
5.38124335	4.96706581	5.02217512	2.85092213	2.96488688	2.92349622	3.00590557
6.5380532	5.98776238	5.9968489	6.56684226	6.82564085	6.78567567	6.75704843
1.80567225	1.88299592	1.82244351	1.46857254	1.76248387	1.9897793	2.07324449
4.56961653	3.43964974	4.02968875	2.51118568	2.4966341	2.08590038	2.35489147
1.87129874	2.1618443	1.97281992	0.4843002	0.40633445	0.70610147	0.66681992
5.43626004	4.35478354	4.489006	2.14998263	2.84114391	2.46325804	2.5081051
3.83374994	3.57254434	3.71499466	3.52297107	3.81047808	3.72414203	3.8371768
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1.41550698	0.74725381	1.19040312	2.02928489	2.56931882	2.59536098	2.48384571
3.82399793	3.29367347	3.52785038	4.58177851	4.88396834	4.65795183	4.71863452
4.47889514	3.78537055	3.60877351	3.96308016	4.24074207	4.1081993	4.23295811
0.39986167	0.23963302	0.23380775	1.07340324	0.758914	1.11796404	1.13635717
4.72486862	4.41048013	4.56236839	5.39545795	5.43562966	5.31768316	5.44299963
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2.772367	1.58391037	1.75906596	1.55326298	2.26165781	1.66471632	1.38254291
2.4763777	2.54775819	2.66129432	1.91427822	2.05305525	2.12050363	2.3408445
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2.858179	2.80753933	2.91091871	3.46901657	3.76721774	3.71797564	3.99670631
0.10145913	0.03597235	0.0193997	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93472012	0.22362355	0.22561018	0.82662007	1.43412109	0.98737882	0.8475609
3.52457905	3.6124844	3.67851411	2.58624155	3.06144544	3.43560232	3.53425476
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0.06896073	0.04202086	0.08740285	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09705606	0.04972534	0.02679979	1.00E-04	0.40839306	0.06997881	0.0561402
0.11687892	0.11272487	0.10314566	0.17389623	1.00E-04	0.04594241	1.00E-04
2.85069338	2.84882875	2.9283962	3.77764573	4.02496401	4.00147644	4.13961104
0.3425759	0.0709564	0.10438942	0.10510713	0.41900349	0.29996123	0.28343756
1.00E-04	0.01149803	0.0239005	0.05552318	0.59717519	0.39417814	0.11688003
0.56720256	0.47845523	0.56755333	3.06625183	3.21440041	3.13237062	3.18185876
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00588355	0.01015026	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01402726	0.01486169	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63073083	0.31652328	0.56336146	1.00E-04	0.52489168	0.81620687	0.96569234
0.14143351	0.0677565	0.06520593	0.75608655	0.89383717	0.8946277	1.27130313
4.08023475	3.4704367	4.01343626	1.25469506	2.16155818	1.90491779	2.01600266
1.38177421	1.20465817	1.3662016	5.84889863	5.96744551	6.29019648	6.16992232
1.05672842	0.91720465	1.17375069	1.59155172	1.95370627	1.91592897	2.20773206
0.67661791	0.20644362	0.50467994	2.47612636	2.28843275	2.56632609	2.82457463
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0.46268895	0.31516963	0.42220389	0.48668528	0.34757103	0.396458	0.52000478
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0.0758431	0.21498712	0.10035274	0.36354455	0.91186636	0.65424516	0.9965546
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1.00E-04	0.0372186	0.05231519	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.29206375	1.18381005	1.40593771	1.64075874	1.51369878	1.38105528	1.66898799
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1.00E-04	1.00E-04	0.00574241	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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4.01856422	3.37831497	3.57173065	5.04411157	5.2251262	5.06291352	5.13506886
0.53946483	0.32881025	0.66291369	0.22531639	0.47049378	0.14821567	0.28670184
0.14945371	0.04332331	0.02193741	1.00E-04	0.25911696	1.00E-04	1.00E-04
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1.10651921	1.00100222	1.06909998	3.87232001	3.77217597	3.45319406	3.74802725
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1.20848822	1.58210835	1.54338776	2.37113869	2.22539392	2.48163944	2.70125129
0.09389936	0.15942501	0.22970737	2.85725068	2.58315091	2.53649417	2.88363048
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1.00E-04	1.00E-04	0.00728138	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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0.07725606	0.01323811	0.01547514	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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4.66740641	5.27666121	4.94571641	3.35172287	3.48235016	3.53750445	3.62337018
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1.00E-04	0.00440728	0.01682114	1.00E-04	1.00E-04	0.04452721	0.15087802
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0.03410274	0.04415344	0.03706932	1.00E-04	0.1561077	0.07198577	0.07089413
2.39546099	1.88761546	2.27485469	3.03322025	3.33488558	3.13649324	3.15456087
3.03789554	2.69197931	2.85933673	4.07597694	3.88524276	3.77950468	3.98369265
1.39675358	1.48814605	1.67691525	0.98106191	1.56177967	1.19533607	1.42949558
0.51983203	0.41779821	0.43791755	1.06774811	1.35137728	0.99331384	0.69554549
0.75660023	0.76948338	0.90380585	1.47296672	1.66262584	1.60909109	1.93650119
0.02704895	0.03710838	0.02655998	0.14529967	1.00E-04	0.10882182	1.00E-04
2.33935788	2.39528934	2.4765819	0.25911662	1.71910625	2.07152383	1.94638883
0.47980138	0.87441919	0.70846316	0.40307433	0.67704579	1.87110704	1.57713097

1.89828144	1.87058	1.96761341	0.70439439	1.15353742	1.52304427	1.21311181
0.83520133	0.40782238	0.67261515	1.16424732	1.71987993	1.78675076	1.53436499
1.47185254	1.18233645	1.36694532	1.85158626	2.07938979	1.6488603	1.78552304
3.88612051	3.86301475	3.78567444	3.67354963	3.82393283	3.92819128	4.04822436
1.00E-04	0.04033435	0.02069216	1.00E-04	1.00E-04	0.06349449	1.00E-04
2.73816794	2.2004007	2.38120338	3.12193325	3.46013623	3.2160921	3.25954883
3.12911452	3.03070764	3.05994546	2.67156128	2.98352791	3.00776459	3.36639871
1.00E-04	0.01527985	1.00E-04	1.00E-04	1.00E-04	0.07634181	1.00E-04
0.13537395	0.17254307	0.0659131	1.00E-04	0.12120057	0.12842472	0.11998025
0.18827945	0.1565001	0.15800619	0.44133325	0.5956981	0.4337188	0.67219773
1.00E-04	1.00E-04	0.01279059	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.59375059	4.07575605	4.14524885	4.70272029	5.01673294	4.95865948	4.91007211
0.15258397	0.02290336	0.05160719	0.23124065	1.00E-04	0.15113252	0.38135518
0.23818631	0.28377508	0.19696608	1.00E-04	0.22641613	0.04324359	1.00E-04
4.26641831	3.18271174	3.37460677	4.09069005	4.48758302	4.14709029	4.22349471
0.26802426	0.1728407	0.17288451	1.47758833	0.3654644	0.54344319	0.25909945
0.323129	0.36970052	0.35837361	1.7593662	1.57242713	1.64576502	1.38796941
0.27263294	0.16599499	0.3001938	1.00E-04	0.3352818	0.68733745	0.72521792
0.93207255	0.64912751	0.88960236	1.48159241	1.83655462	1.76620471	1.7984207
0.02190839	0.05392302	0.01794904	1.00E-04	0.18059573	0.22189417	0.12734276
0.3763435	0.27818517	0.26689527	0.23725472	0.98274051	0.69802294	0.25672629
0.55530972	0.35707862	0.48662608	0.24850901	0.82300872	0.95346401	0.93005399
3.65811506	2.90515668	3.27409658	1.87084815	2.58695861	2.22764284	2.18360746
2.56470126	2.53171063	2.64234932	2.99412484	3.27890286	3.12043317	2.99659424
3.91787068	3.3527657	3.53514709	3.41343497	3.56711311	3.34899038	3.42102381
4.0727639	4.78262656	4.64052234	3.239535	3.1630911	3.70311408	3.5499449
1.00E-04	1.00E-04	0.01647905	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05806377	0.4033013	0.57732905	1.45512616	1.97844193	1.94883847	2.06703357
1.00E-04	0.22239142	0.03985813	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.77379403	2.73761588	3.00438392	2.14013796	1.77157824	2.00086267	2.11043605
0.48526554	0.15434993	0.25977413	0.1968923	0.5454714	0.32235831	0.16545438
1.01984503	0.80836834	1.28824129	1.06956572	1.12588029	1.24440329	1.5469287
2.05853277	2.20689065	2.30915129	1.02141027	1.54011953	1.86086115	2.08073506
1.09401325	1.38665023	1.94828544	0.35032284	0.31946963	0.51651423	0.7400725
0.88667016	0.98081468	0.98702176	0.3213231	1.59850837	1.88902037	1.96746677
0.54642235	0.81846213	0.86582814	0.28215476	1.23211879	1.41341251	1.17575229
0.36627336	0.40287445	0.31022324	1.00E-04	0.0985483	0.44522489	0.3260653
0.1066448	0.15742855	0.17192499	1.00E-04	0.34035091	0.27091547	0.8177756
0.11835814	0.19190135	0.22826101	0.22884814	0.54365646	0.10188697	0.29059397
2.04309483	1.80357109	1.92226033	1.79607545	1.56558307	1.58921999	1.74942038
0.13246972	0.14226231	0.22563065	2.07687328	2.98519647	3.55013735	3.77895672
0.78147636	0.59177588	0.70712282	0.58898004	0.49666842	0.69995791	0.71436563
0.92948452	0.65517954	1.03928878	1.39880172	1.35364835	1.72931224	1.92125345

2.81150524	2.12830437	2.78212817	1.61670322	1.46541992	1.63766385	1.55817292
4.86856705	4.18526569	4.44286071	4.87580145	5.21037682	5.07896545	5.21826117
3.48477103	2.65692277	3.04349649	4.17454648	4.34104971	4.18079519	4.23022186
3.91348599	3.52528518	3.68153732	4.27736019	4.62084033	4.60716268	4.59888372
3.27311823	2.50618187	2.68315484	0.63357713	1.05074055	0.94518071	1.07146605
0.23367292	0.19047097	0.25177857	1.00E-04	1.00E-04	0.1639497	0.13827581
1.67892506	1.32327425	1.39747218	4.51440106	4.86157857	5.14284851	4.93043105
0.01217893	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.78229484	3.73176639	3.85742647	3.04198608	3.14913937	3.10688748	3.18736108
0.13144858	0.11265363	0.05964191	1.00E-04	0.21293857	0.3371913	0.35555591
2.34082869	2.14545036	2.34392217	2.65874849	3.15760204	3.09163276	3.28624637
2.19493126	1.65578052	2.01786834	3.61105759	3.6856738	3.76786019	4.03727292
0.12674649	0.02233723	0.09727233	1.00E-04	0.09509557	0.14522066	0.09478093
0.06160731	0.26690695	0.18045407	0.75457233	0.14524207	0.36124244	0.53536735
3.71857554	3.70887743	3.74042812	3.52477551	3.86123575	4.05780719	4.05314153
3.0585519	2.75483382	3.06976516	3.35916457	3.43603816	3.40711424	3.74668395
3.65103902	3.62211268	3.72049663	4.18519904	4.61594973	4.83705321	4.68485557
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16672029
3.08445472	2.41664796	2.61821304	3.71880258	3.6231376	3.79361154	4.08630876
1.17405897	1.17561637	1.48275907	4.4221098	4.57895186	4.55475829	4.72866248
2.59633991	2.82947603	2.70737379	1.15445208	1.92035133	2.14368429	2.26635121
3.82334786	3.49955252	3.71785093	3.01301657	3.5279128	3.23730298	3.38198568
1.46193701	0.62706297	0.47576733	0.90407811	1.96350406	1.56407477	1.12731321
1.36620705	1.1036449	1.4893518	3.54319649	3.70945493	3.89170976	3.88583135
1.51802382	1.27994664	1.47158412	3.80158136	4.05715219	4.21609665	3.79148066
5.42795644	4.73603556	4.96761556	4.6295745	4.97599572	4.9738835	4.80542139
4.46640992	3.839218	4.08684901	4.37966787	4.76407625	4.59633325	4.68577041
2.62178096	2.2797782	2.54852918	3.28498896	3.43718335	3.47019409	3.62306538
1.00E-04	0.01717638	0.00859466	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03737366	0.96979314	0.64583798	0.60004311	0.52650789	0.41311268	0.25027652
0.38281091	0.18085503	0.22865018	0.25935911	0.21476326	0.2984856	0.67317581
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01437189	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.40153934	5.66660979	3.94465381	2.60526998	2.77988518	3.78294659	2.89158539
0.08037842	0.05176792	0.04564366	1.00E-04	1.00E-04	0.13111813	0.09715504
3.79150021	3.53408413	3.6084597	3.48936809	3.88326513	3.85929325	3.6568887
1.95357975	1.27418844	1.59688467	1.65234989	1.78700967	1.35460058	1.66524415
0.35535293	0.29349609	0.33959715	0.1271307	0.86023466	1.16154536	1.26161577
2.49246418	2.77637725	2.76910566	1.7937287	2.07002439	2.18471938	2.47226965
3.51599133	3.66177301	3.61209313	1.785035	2.67894443	2.56797458	2.38624413
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39828146	1.42263562	1.873	0.99374752	1.18968643	1.01915993	1.27029892
3.29400184	3.82856652	3.63339335	1.89464231	2.18657099	2.80903576	2.57726049

1.00E-04	0.03371999	0.05874999	1.00E-04	0.17338027	0.12028323	0.31270226
0.64429397	0.22552407	0.25204499	1.00E-04	1.00E-04	0.06687784	0.12766536
1.01552291	0.81296251	0.97574897	0.84669733	1.14849587	1.96012461	1.8060643
0.14895012	0.03481889	0.18142542	0.44811529	0.37454788	0.84831007	0.81741659
1.78740299	1.18803887	0.98251368	0.68113041	0.84193931	0.47831647	0.70270639
1.00E-04	0.02085287	0.01158997	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33048988	0.57676447	0.640099	0.45937877	0.35657043	0.74976956	0.9184838
0.02645778	0.13360001	0.15422896	0.25916109	1.00E-04	0.28244398	0.80427267
0.03927537	0.012952	0.04027314	1.00E-04	1.00E-04	0.09166338	1.00E-04
0.23989903	0.04332577	0.04976179	0.69638551	0.37433787	0.55692752	0.63369279
0.03781342	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02494191	1.00E-04	1.00E-04	1.00E-04	0.0570128	1.00E-04
0.44218931	0.31999953	0.2343979	0.53093165	1.49580277	1.01599503	0.99530291
2.72134813	2.95165306	2.96407769	2.5007572	2.91656494	3.146616	3.28118941
0.02286977	0.01293985	0.0606037	1.00E-04	1.00E-04	0.06080693	0.16245514
0.02686618	0.01779047	0.03358022	1.00E-04	1.00E-04	1.00E-04	0.17827659
1.00E-04	0.01241851	0.00642533	1.00E-04	1.00E-04	1.00E-04	0.21813485
0.6635587	1.27906136	0.45886923	0.4039639	1.03277484	1.1277798	0.72512929
1.46365118	1.54564978	1.71618348	1.87673177	1.99052183	2.00721995	2.05474317
3.48942802	3.4497356	3.50995385	3.60627525	3.83698553	4.04329513	4.02145292
3.08461007	2.9169128	3.05203452	2.96249545	3.28189531	3.04401352	3.24493718
4.38525486	3.87007235	4.05323473	4.4953434	4.90092595	4.81325933	4.81956391
1.90269468	1.34429818	1.78821979	1.09127495	0.98597136	1.22006994	1.02733714
2.69867987	2.8945336	2.78297461	2.49585055	2.45759885	2.52338193	2.69903663
4.51615186	3.87852275	4.04286837	4.20197016	4.55689996	4.53574397	4.64458558
3.11858759	3.04111909	3.1761733	2.09002847	2.47502282	2.56307156	2.70374649
3.51234921	3.37233711	3.54684534	3.16317959	3.34814606	3.23942988	3.42008784
5.37386053	4.3690155	4.39558617	2.16962726	2.4240997	2.21144338	1.87777211
0.02706165	0.03572905	0.00738637	1.00E-04	0.1646463	0.14095922	1.00E-04
0.19545976	0.06862793	0.05834719	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29737555	0.54416438	0.51136883	0.27880656	0.31211148	1.2289159	1.64217487
4.04976489	3.97794679	3.9919824	4.13984009	4.30507139	4.29677095	4.37523125
2.5506001	2.4560285	2.6484446	2.35193449	2.74019905	2.90185176	2.99934574
3.5365015	3.16301689	3.02889275	0.95865614	1.00842197	1.17260662	1.20867628
1.62842659	1.63706646	1.084271	1.00E-04	0.60438517	0.25910507	0.188383
2.06380904	2.08984531	2.0997714	1.44619319	1.83968014	2.03523037	1.78180671
0.16501124	0.15951599	0.28295689	1.00E-04	0.11322507	0.13721198	0.20284613
3.65390604	3.43708609	3.62444588	4.12371342	4.36610901	4.17708552	4.21691653
2.19278171	2.26584201	2.55368062	2.64238752	3.06479802	3.38986493	3.70695429
2.3112002	2.53013299	2.5601684	2.04496896	2.2648605	2.77790192	2.72585808
1.42488426	0.78685327	0.98993826	1.00E-04	0.37404149	0.12825794	0.48943956
5.04030968	4.91756965	5.11519343	6.17161482	6.47463263	6.22751671	5.97200418
0.06900903	0.04013114	0.07005413	0.25165979	1.00E-04	1.00E-04	1.00E-04

1.84966142	1.22071002	1.30236207	0.7588432	1.39662409	1.22846043	1.48551151
0.29268614	0.09727576	0.12451875	0.77688425	0.87135963	0.91071612	0.80530454
4.17724158	4.39649964	4.71591477	1.55176454	1.92253122	1.85685387	1.644424
5.33869159	4.6133705	5.05207824	4.58879949	4.89090479	4.61125744	4.96223107
6.31989006	6.10089149	6.09719301	5.68505603	5.98799989	6.04685709	5.95751111
3.6408528	2.5182333	3.12499921	5.71558476	5.57622993	5.81058293	5.58732437
0.30758699	0.31506318	0.44378013	0.17025278	0.08396303	0.38132807	0.25519916
3.1194919	2.91850533	3.01136702	3.12259985	3.26618295	3.24527221	3.48299436
2.15795048	1.71445597	1.88851264	2.7203118	3.06903888	2.94911747	2.62787275
0.46463658	0.10600822	0.2273378	1.00E-04	0.55327037	0.27776042	0.22215978
4.58648331	4.91738727	4.74660178	2.54503363	2.52904072	3.52523244	3.29567368
0.18506115	0.10647078	0.17336605	0.30527507	0.11464816	0.06409177	0.40811468
0.39819622	0.41682017	0.41733046	1.00E-04	0.1469136	0.36728196	0.13504603
0.09734904	0.04333315	0.13308854	0.08942771	0.11198296	1.00E-04	1.00E-04
1.00E-04	0.03824433	0.02656947	1.00E-04	0.22884783	0.20475845	1.00E-04
0.03003649	0.02433067	0.06461378	1.00E-04	1.00E-04	0.15878767	1.00E-04
4.92328554	5.08446418	5.02994267	3.25462987	3.67215171	3.9117416	4.05291885
4.56990006	4.42469476	4.48368691	3.74223464	4.37498569	4.39849629	4.36058084
5.50340849	5.11241503	5.14833578	5.56005329	5.78888979	5.66396484	5.75985197
2.23542661	2.53454932	2.54266996	1.76403749	2.16020157	2.05036838	2.22187128
1.69489182	2.28364494	2.05855595	0.82693183	0.39420607	1.08435416	0.9283605
2.59811433	2.89376138	2.82513888	0.87013158	1.42757959	1.92464352	1.84595884
3.42276866	3.31216017	3.37292556	3.10467939	3.26146312	3.37052743	3.54383158
2.03372798	2.31242787	2.11386904	1.18679856	1.67072818	1.7360287	1.69306732
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2.81928749	2.67313248	2.78301933	2.64463931	3.03381192	2.96807587	2.95204489
2.55947799	2.58661344	2.69118405	2.21699163	2.47229751	2.50167339	2.67720123
1.97564836	2.15199031	2.22590341	1.94856859	2.1518756	2.55291442	2.56463822
2.66380884	2.82222134	2.90679999	1.81892014	2.03293784	2.69156581	2.86199837
0.54660053	0.48468709	0.51477034	0.73665832	0.22142714	0.14327013	0.85765474
2.42536048	2.44314477	2.25192926	1.62093237	2.07282769	2.51776418	2.44330982
3.14641359	2.96006245	2.58092571	0.76847784	0.88190455	1.12590805	1.02584595
3.44001856	2.07650214	2.46971681	1.92475135	2.2637239	1.61577908	1.2961585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33773615	0.90420603	1.1204198	1.13910232	0.957234	0.93960055	1.25012917
1.00E-04	0.02369819	0.03054635	1.00E-04	1.00E-04	0.26409879	1.00E-04
1.00E-04	0.02541006	0.03245389	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26236451	0.082014	0.13471552	1.00E-04	0.44128384	0.56389127	0.54793466
3.09558946	2.84199167	2.99945645	1.92558139	2.51114961	2.42335137	2.82652903
0.03667965	0.01506272	0.01874759	0.14300007	0.58683449	0.77440251	0.92027953
0.94183065	0.80997284	1.05340115	0.27295794	0.47022624	0.32157029	0.86376232
1.37009549	1.37059749	1.72628911	6.32062824	6.55147641	6.74977389	6.70031878
3.9865378	3.44181458	3.50979919	1.32521987	2.19574422	1.21733257	1.72031401

2.37750835	2.55364568	2.61983415	1.80155424	2.02518415	2.4931847	2.63265473
0.92586448	1.02697256	1.15798666	0.2335344	0.64545357	0.49883321	0.94546664
1.44473005	1.12494953	1.18632017	0.6261853	1.11144788	1.1095121	0.81850378
3.95601372	3.52413392	3.62129943	3.95207974	4.4854335	4.38580163	4.43235088
4.73190869	4.41111111	4.44672658	4.76563509	5.14810115	5.12922997	5.0991953
2.24378747	2.37144323	2.4015672	1.71871361	1.99256573	2.09971472	2.20757977
3.1618144	3.2752094	3.24098577	3.29288306	3.55224756	3.61658974	3.64468401
2.95766181	3.31833664	3.29839627	1.01749333	1.61310775	1.78109539	1.90803598
3.48392196	3.76529666	3.79594013	2.23126598	2.55058549	2.87998319	2.91137034
1.9059558	2.15013782	2.15910249	1.911832	1.81087591	2.06396007	2.30062365
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.28023415	2.30898724	2.24511684	1.60946674	1.58486541	1.63024251	2.01021262
5.16519486	4.95742553	5.01925983	5.12690561	5.29196272	5.39388688	5.3947931
3.67584634	2.17573448	2.43182338	1.97555051	2.2251341	1.67486789	2.0796424
0.06771065	0.09019146	0.07662997	1.00E-04	0.51413049	0.30131929	0.3955176
2.95974027	2.31565294	2.35541752	2.50592641	3.18574927	2.98901527	2.90142459
1.89492334	1.48136967	1.51664028	0.93778233	1.394084	0.90805631	0.81575761
3.20694487	2.06493968	2.8223833	1.10962591	0.73832695	0.27477911	0.8986774
0.67648576	0.36678369	0.45570664	0.47674393	0.46830584	0.56914517	0.71201466
2.14405302	2.25539175	2.29792984	0.99597723	1.44460235	1.3347019	1.67610118
3.52301191	3.55131336	3.61518838	2.88604568	3.40991499	3.60713584	3.61613296
2.98206603	3.17133684	3.29013893	3.62116152	3.64427165	3.89081746	3.96713377
3.11790358	3.26968115	3.32032295	2.47490838	3.37680724	3.2963995	3.54556936
1.93959146	1.68427854	1.94913164	0.75916008	1.46376125	1.81214543	1.22682079
3.19738691	3.62291743	3.46380286	1.85928853	2.33114988	2.80490809	2.89249774
3.65516392	3.54663985	3.64000379	4.08236499	4.342739	4.49227734	4.66381874
3.86352863	3.85639717	3.90756898	3.82473817	4.04910638	4.24746711	4.38986872
4.2285696	3.41046618	3.85120438	3.09732774	2.80057433	2.65843167	3.53501828
1.74944705	1.4298867	1.56123301	1.90733029	2.76342678	2.5214642	2.80674373
2.19508343	2.01915731	1.99673815	1.32547885	1.43071293	1.26383104	1.58067337
2.76092382	2.72971536	2.77875217	1.6460593	1.55763582	1.57005597	1.60761294
0.04618529	0.05181925	0.0712393	0.2051859	0.49474592	0.08723603	1.00E-04
2.27867791	2.39994701	2.59728583	1.2782436	1.72619996	2.05062736	1.89491418
1.7273996	1.48498326	1.33208357	1.61379102	1.66979769	1.35366648	1.17892577
1.31711589	1.59434394	2.27627936	1.00E-04	1.00E-04	0.29980035	0.3349591
2.81141553	2.80865683	2.86971762	3.39375569	3.85249459	3.78820058	3.68978093
0.23462505	0.23753096	0.25494474	0.53574503	0.92126937	1.07827756	0.88917545
1.24398029	1.18363184	1.12530618	0.98157192	0.60960017	0.73003441	1.02029778
0.09259531	0.15995174	0.2780139	1.00E-04	0.31089269	0.20739845	0.17506819
0.12424248	0.08857778	0.16161418	1.00E-04	0.5690497	0.51367568	0.34653891
1.45243497	1.65030483	1.81568076	1.20564641	1.72052093	1.5628078	1.64820701
0.55201113	0.80849303	0.80837128	0.55936917	0.36546142	0.4484529	0.54133903
1.50386991	1.33866752	1.52947599	1.11189596	1.75843562	1.48516633	1.66684145

0.38402309	0.49253325	0.79312141	1.62874689	1.63050254	2.58153215	3.03954206
2.31252549	1.06513281	0.92645775	0.96403147	1.53324857	1.04480241	0.54293169
1.67021174	1.31228954	1.48298871	1.48396781	2.21564684	1.90017463	2.05646852
3.02604897	3.43075044	3.44639331	1.30522596	1.83456148	2.11359349	2.13876245
3.44313212	3.88150722	3.99181698	1.6566503	2.20481252	2.86420788	2.96900889
3.86493808	4.53930521	4.56399815	1.34023845	1.86418835	2.84881761	2.91274292
3.70267108	3.98156877	4.01573165	2.77853415	3.14871367	3.45152033	3.35343139
2.75828817	3.10144992	2.89524406	1.47167727	1.94457773	2.30669001	2.18746871
2.17933746	2.54329916	2.46326746	1.27488088	1.52601235	2.09869672	1.5074867
3.1610279	2.85450986	2.90730374	2.04927282	2.67830895	2.78813625	2.65997681
3.83019262	3.43256837	3.54788591	3.93306709	4.2477108	4.22547128	4.09173503
2.81749173	3.05827747	3.09242512	1.58150678	2.50389997	2.87265712	2.77553052
2.88423574	3.15414685	3.02433514	2.39928754	3.04661887	2.95203388	2.98220401
3.42284439	3.68906586	3.57834936	2.29816513	2.44231278	2.67386245	2.65715409
1.13319764	1.46366557	1.51635138	0.48286328	0.90100443	1.48183872	1.07110861
0.33848268	0.43259448	0.41455727	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01537898	1.72060746	1.53329046	0.38656528	0.56905352	0.62220219	0.66891192
3.06884705	3.44117407	3.47151709	1.73385232	2.36607225	2.5785	2.80421867
3.1171566	3.40969838	3.42183611	2.50656343	2.90785704	3.16934267	3.27492761
3.1479738	2.79702956	3.40057181	0.43361489	0.68176964	1.47430771	2.05561232
4.46206443	4.46535042	4.51369985	2.05600908	2.64144384	2.79910357	2.60868274
0.62671928	0.66995432	0.72047758	1.00E-04	0.07961507	0.15274726	0.45903177
0.09246213	0.1324677	0.12462854	1.00E-04	0.19673281	0.47272255	0.30111365
0.01681019	0.01166205	0.03245892	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96087377	0.55439766	1.15104167	1.00E-04	1.00E-04	0.20782062	1.00E-04
1.74127044	1.9440576	2.09323207	0.85057975	1.38526885	1.64676202	1.65830333
5.03264202	4.75900804	4.58281438	4.08139822	4.22243702	4.22065847	4.09946341
2.47527712	2.25655382	2.33021526	1.74017582	2.05568146	2.09820312	2.05310091
2.27599022	2.36369892	2.36324193	1.90988026	1.8428888	2.32224597	2.61587222
2.67820678	2.41137448	2.68487329	2.27184041	2.96311739	2.99017544	2.95922347
2.67440664	2.39296982	2.53433932	2.35800988	3.00544141	2.78385288	2.90319126
1.75349796	1.11653391	1.46733735	2.19343138	3.21490702	3.19657138	2.0108605
1.62118011	1.33323915	1.40390939	2.56392983	2.76085309	2.55658767	3.24995434
0.71478232	0.47180547	0.63362294	0.71357511	1.36584703	1.08928139	1.66438273
1.47359341	1.30365461	1.33043558	0.11595721	1.10057557	0.99037338	0.81004176
2.5864484	2.44383196	2.67258367	2.14799684	2.71618074	2.51710149	2.51747152
2.00676772	1.98919411	2.09628705	0.59350097	0.59050868	1.02594759	0.84402264
5.52373975	6.06860379	5.89643434	3.55161876	3.73369455	4.33891615	4.19861148
1.12764619	1.1509514	1.10218175	1.00E-04	0.17762476	0.29139167	0.35314788
0.21757669	0.05454543	0.01830159	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31699097	0.25003845	0.30813683	0.50142308	0.72796743	0.7597672	0.65181665
3.63444405	3.42083379	3.39099235	1.7406486	1.97543423	2.09592755	2.27589439
3.21327803	1.94526051	2.56031972	1.64805097	2.40261103	2.32895303	2.64912825

2.21850018	2.40173486	2.14219586	1.24525938	0.38524583	0.80446741	0.67997992
1.02780979	0.71850187	1.20356146	0.94147423	1.02821907	0.5701136	1.11267871
3.68010777	3.74197331	3.84427719	4.24267401	4.4876698	4.44068249	4.3577875
3.14931355	2.91909771	3.08815439	3.16006905	3.46678118	3.77920206	3.85391275
0.52512139	0.20461022	0.44145775	0.1942236	0.08092175	0.45097038	0.21203972
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08362496	1.00E-04
5.03948974	4.51136739	4.63842758	5.89033288	6.02055155	5.97633929	6.14664391
4.87794852	3.97893537	4.18443302	4.76591872	5.03680298	4.96737459	5.05461128
0.5272799	0.23016231	0.24137935	1.00E-04	0.15623717	0.10577211	0.40016478
1.37127102	0.65427767	0.56597794	1.01685696	1.58254656	1.19168835	1.48474117
5.51605469	5.71147528	5.68800862	4.33896878	4.48233776	4.71123225	4.73524123
3.9070476	3.49830177	3.90442668	3.0649124	2.75816582	2.62714931	2.68165672
2.60187176	2.70471368	2.67788062	1.49942823	1.53620315	1.85564633	2.00897225
3.72337056	3.96562953	4.01544309	1.11506215	1.52080223	2.07689183	1.77751068
1.48581908	1.28951765	1.46255528	1.00E-04	0.42220271	0.31750635	1.00E-04
5.11638803	5.10097406	4.76391698	1.9617916	2.53966554	2.84882535	2.30398033
1.91939871	0.91937514	1.21236986	0.18482871	0.96451595	0.81114593	0.79028275
4.94746039	4.89156181	4.90982659	2.11941098	2.49440722	2.66309894	2.68769875
2.3677423	2.46315973	2.58698171	0.73490707	0.73719946	0.87803675	0.29476033
2.9721756	2.98711947	3.00621414	0.99812772	1.22014997	1.89270046	1.65804754
1.74986977	1.32834944	1.75241796	1.00E-04	0.45583335	0.26366449	0.62316316
1.91096318	2.04190368	2.18631981	1.13527356	0.61665405	0.61812361	0.76043572
4.46325565	4.95331421	4.96967918	2.56453759	3.06872488	3.75142013	3.94763582
0.11286477	1.00E-04	0.02987358	0.27275226	0.45175768	1.00E-04	0.09948271
4.28751045	4.25296068	4.29992785	3.68371446	4.21553399	4.24572145	4.34104326
2.95208223	3.13609874	3.09326869	1.19954013	1.47751272	1.75537367	1.80413061
3.21675391	3.53325854	3.46383374	2.89492911	3.05458414	3.32569358	3.26753521
0.26196188	0.01967967	0.09586535	1.00E-04	0.16407852	1.00E-04	0.21317661
2.6238647	2.0439231	2.30347738	1.30185794	1.10096473	1.16723836	0.60956218
0.50192624	0.3540685	0.48885592	0.31021258	0.9327456	1.16843089	1.10021179
0.04260077	0.03926529	0.06951312	1.00E-04	0.08009075	1.00E-04	1.00E-04
1.02523331	1.47997922	1.5474646	1.00E-04	0.68903417	0.57497534	0.94779344
4.30772358	4.32962025	4.43186927	2.40282718	2.57405431	2.87162928	2.9550972
0.5182862	0.24906033	0.26517232	0.90042862	1.31957352	0.51684304	1.21800932
1.18336223	1.08236281	0.99690836	1.21025025	1.46501254	1.60455947	1.60423154
3.80453335	3.94668454	4.08764525	3.37686298	3.90326754	3.89168586	4.06555639
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4.37503334	4.04228877	4.16187852	4.49413214	4.72316823	4.7583558	4.76602973
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4.24425045	3.96670086	3.87947253	3.78542378	4.26212251	4.08064465	3.96792854
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4.12250737	4.92861238	4.75417726	2.48843141	3.04929196	3.86985879	3.9067435
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0.06912558	0.14283968	0.05980989	0.13626473	0.31734745	0.08675454	0.17945717
1.46561552	1.23662546	1.31772014	1.00E-04	0.6333477	0.2278306	0.24132747
0.19722165	0.06495714	0.0990613	1.00E-04	0.24429464	0.30101307	0.2194556
0.14181787	0.03372188	0.076395	0.26889657	0.38635058	0.12103777	0.21609723
0.62382939	0.63987937	0.79688721	0.84120892	0.79516357	1.19611844	1.29714697
0.81014175	0.5392302	0.54636651	0.45100545	1.80742648	1.48278872	1.58850131
2.20042651	2.2455715	2.42904948	3.01502727	3.05968601	3.1843682	3.44166755
0.34684253	0.40287468	0.38148055	1.00E-04	0.20570383	0.29318123	0.53758587
1.00855301	1.08163939	1.0876083	3.47425195	3.67823098	3.70265915	3.85498826
5.7910033	5.27880415	5.3514967	5.27803027	5.55601442	5.35070354	5.46122859
0.59541787	0.3772452	0.49687745	0.35864258	0.67783259	0.40043393	0.76456608
6.31476823	5.36854157	5.44600623	3.09547622	3.54567354	3.19970753	3.36304315
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0.22170869	0.06468084	0.06630917	0.38489782	0.78576635	0.19503088	0.22687858
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3.21179384	2.75565135	3.03584147	3.07517635	3.35709999	2.7887705	2.95349638
0.7453321	0.66862544	0.49556889	1.00E-04	1.00E-04	1.00E-04	0.08283709
1.82239358	2.13727288	2.10582092	1.04237564	1.51967016	1.77335573	2.04611495
3.31701432	3.37000581	3.26476726	1.07317647	1.53185612	1.82672319	1.74825064
4.7124827	4.64111996	4.69579597	4.24834666	4.51655383	4.47377074	4.59698797
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3.9238053	4.03156487	3.89859461	3.12965158	3.53058424	3.72661463	3.74472371
0.76418129	0.76258924	0.92246058	1.27661879	1.63845191	1.54155379	1.67248933
3.70580527	3.83299043	3.90027132	2.16506875	2.7803591	3.11592228	3.14927618
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4.33867242	4.73099937	4.70105342	2.41459339	2.73741965	3.53249697	3.4900536
0.22066085	0.16252384	0.13069531	1.00E-04	0.23764488	1.00E-04	0.4218837
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09163081	2.3335553	2.40532031	1.07988887	1.47063656	1.93441297	2.17368657
1.77747961	1.94219077	2.03808115	0.83566966	0.92053297	1.10970062	1.44460941
3.29238383	3.07156354	3.20444635	2.84818317	3.09537702	3.06868214	2.89983948
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3.33337342	3.85663052	3.83238823	2.02825928	2.29122059	2.70021372	2.64165332
0.48910246	0.34642557	0.69073829	3.00461709	2.58299831	2.7489445	3.13140729
3.51548393	3.56739784	3.63452697	1.9692852	2.0839957	2.91585184	3.03009525
2.90634791	3.18434552	3.22354662	2.19153884	2.24371775	2.40152532	2.54478509

0.20776655	0.21455172	0.28980412	1.00E-04	0.07345321	0.03071455	0.20538069
2.23106049	2.52973829	2.47147813	0.59312802	1.0729726	1.60385322	1.73301486
1.06720539	0.70153375	0.75283551	0.44369886	0.8420076	1.02222014	0.77264832
4.90618692	4.44255079	4.43951335	3.09155669	3.71304558	3.02496135	3.08801636
0.41484868	0.20958106	0.2420663	0.1104652	0.98797421	0.31223589	0.27223063
3.50378681	3.44211877	3.45489496	2.03768078	2.6981342	2.67793615	3.08225882
2.73762939	2.1458988	2.30299307	2.80778757	3.07120652	2.82281117	2.96574698
3.79143856	4.27817331	4.15059752	1.51184684	1.31298454	2.21034833	2.00677271
0.05614799	0.15085609	0.2397652	1.00E-04	1.00E-04	0.0998412	1.00E-04
4.46725806	3.46323937	3.49028468	4.87400522	5.09742404	4.65363267	4.73445668
0.09757659	0.05697974	0.02984526	1.00E-04	0.19440844	0.39445232	0.31783602
3.13274124	3.7162217	3.69324809	1.00539169	1.29563849	2.26965209	2.38271461
3.08310364	3.08810394	3.10881635	1.81158827	2.29557865	2.41640893	2.69590561
3.96046376	3.98298166	3.98020945	2.52020657	2.7810515	2.98800997	3.18663331
3.01475087	3.09131342	3.07907186	2.07435903	2.58444467	2.83791292	2.98282937
1.89776016	2.05189329	2.20032111	1.24058242	1.40927774	1.73157156	1.85530162
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15146138
5.87148862	5.21121601	5.30863421	5.7950808	6.04448525	5.90053939	5.82840089
4.98250218	4.74415786	4.73957868	5.77604978	5.93845974	5.98546721	5.97799371
1.01639586	0.95142471	0.86957516	0.15382101	0.07744466	0.11886399	0.09220597
0.293478	0.17656841	0.15847615	0.62132906	0.59238855	0.69952433	1.03597942
0.45693573	0.27697307	0.3622156	4.01513245	4.03120141	3.30256745	3.33085092
0.43853417	0.19805407	0.25645149	0.69495333	0.62504541	0.36749675	0.54228094
1.00E-04	1.00E-04	0.0039757	1.00E-04	1.00E-04	1.00E-04	0.10968619
3.56681068	4.03340671	4.07959494	1.70162949	2.18662313	2.76695189	2.74683454
4.8940739	4.00065403	4.14052183	4.71530038	4.95502629	4.82365475	4.68748364
1.00E-04	1.00E-04	0.00295237	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77703256	1.89312739	1.93932643	1.1071218	0.99117438	1.48070433	1.31044048
0.09218666	0.11345601	0.16975133	1.00E-04	0.43748783	0.30356164	0.36083603
2.69993676	1.90625079	2.19257241	2.01575436	2.22104296	2.13150446	2.27136313
1.91552762	2.12094199	2.20513584	0.41785024	0.98003055	1.42338981	1.08731324
2.27627635	2.19818156	2.21528557	2.37575921	2.45717766	2.52684808	2.41358718
2.68275481	2.50658482	2.69658857	0.92509207	0.87849567	1.13928955	1.38960238
0.16343116	0.19250235	0.26051034	1.00E-04	1.00E-04	0.18742724	0.01438582
4.55735051	4.89207372	4.86894101	2.09396426	2.88478821	3.55965114	3.49112903
3.4366733	3.47882032	3.55471023	1.81746285	2.48658136	2.76161381	2.81905669
5.21367793	5.67812211	5.63013712	3.02090206	3.47572302	4.16328436	4.1780621
4.56969841	5.11576787	5.07823517	2.17697676	2.81482504	3.47644389	3.57608595
2.19056647	2.3728895	2.41558816	0.54852965	1.14241338	1.34143114	1.1334953
4.37153553	4.45586227	4.22639367	1.55944184	1.75846389	2.30010556	2.10537735
1.2163451	0.52075288	0.54800714	0.3841162	0.7363191	1.11278097	1.16212205
1.00E-04	0.0075759	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14310134
1.00E-04	0.03614938	0.0310613	1.00E-04	0.16069227	0.10237126	1.00E-04

1.05078987	0.82061883	1.29266983	3.82845672	3.94818362	4.13016111	4.28948156
0.02410566	0.00508525	0.0198593	0.2662741	0.07430564	0.10615581	0.49972549
2.19220507	1.81211531	2.54428811	4.47262803	4.4592304	4.56228094	5.02518559
0.45721925	0.7480188	0.67224796	0.6685752	1.00E-04	1.00E-04	0.19344598
1.22463847	1.72679419	1.68960584	1.1183895	1.05861566	1.29368095	1.71127953
4.12041348	4.58024423	4.56886683	2.30217249	2.69507245	3.63745127	3.69104104
2.42197174	2.32803355	2.32441307	1.43884695	1.82983121	1.97685845	1.98301531
3.4933199	3.00679848	3.07119665	3.73190008	4.06320025	4.16950303	4.06634556
2.5242543	2.09602318	2.50128345	1.95997037	2.39844388	2.52009222	2.3299063
4.70505765	4.02291451	4.15803904	4.98742747	5.20426401	5.22095203	5.23268657
4.11952027	4.10637126	4.12348694	3.71166626	4.18717505	4.15936757	4.25065803
4.12646084	4.48810215	4.50353952	2.87088895	3.08670012	3.31415441	3.37992906
2.37215	2.4811	2.53627241	0.99243094	1.67613608	1.97141101	1.71143716
2.80875756	2.57648509	2.75309174	3.25452787	3.48420728	3.55689136	3.66296164
0.70930315	0.57563789	0.73230332	1.00E-04	1.00E-04	0.10384315	1.00E-04
0.28240904	0.46785531	0.49299253	1.00E-04	0.20725852	0.60121459	0.5447884
2.60693693	2.57128243	2.59888568	1.83031416	2.26774607	2.54270158	2.6665263
4.47209865	4.26430503	4.36716637	2.37817246	2.2054435	2.01958453	2.18316713
0.46425295	0.16050917	0.08896972	1.00E-04	0.14409708	0.49346451	1.00E-04
4.31213711	4.48374512	4.51143881	2.31115579	3.24247515	3.00820015	3.26676049
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.52600518	2.33251139	2.47608507	1.96174058	2.25167297	2.21243436	2.64114688
3.93272929	4.0095155	4.78616396	0.47917999	0.65915177	1.0788549	1.07961772
4.5215501	4.60414465	5.34196678	0.66931296	0.89880671	1.51772502	1.47035532
1.23826957	1.2016693	1.23121871	0.69877713	1.37704222	1.18371816	1.32565591
0.03063298	0.06329863	0.07267796	0.24030201	1.00E-04	0.10813057	0.32118834
0.08717462	0.06956968	0.10350518	0.1353076	0.39691213	0.4161058	0.25207358
3.73830043	3.9456993	3.96797891	1.8280556	2.20536737	2.64498191	2.63977803
2.68874571	2.70976678	2.71679108	1.47772693	1.63031743	2.25391903	2.38037282
3.67756366	3.28105471	3.33030174	5.24440746	5.3776568	5.25178732	5.01781725
1.48021631	1.02950972	1.05052688	1.49587234	1.90509277	1.93372563	1.77660646
3.122794	3.34075478	3.30085156	3.17214676	3.35398772	3.42120299	3.4513328
0.53496762	0.17498635	0.25506169	0.60077362	0.85422775	0.84384308	0.72077758
3.29769243	3.06339838	3.12501681	2.80807917	2.86035855	2.86925338	2.83469181
2.86124356	2.46276957	2.59622271	2.35392338	2.74319657	2.89571218	2.99420073
1.62702579	1.58526121	1.74452683	0.52561646	0.69958878	1.04243638	1.53141952
1.69834983	1.67183627	1.7960457	1.15676026	1.41105639	1.5928562	1.76407295
1.57110055	1.68074539	1.62669182	0.21735854	0.55190223	0.74964219	0.81810558
2.02008836	2.30280357	2.334592	0.58021033	1.10706627	1.56758966	1.90188699
3.18006839	3.23987232	3.28870894	2.37882362	2.76781022	2.50129412	2.64931297
1.96323357	2.01622703	2.00028342	1.31747656	1.54642654	2.23747085	2.15641771
0.69405893	1.10417671	0.90942311	1.00E-04	1.00E-04	0.33324386	0.07519732
0.52119654	0.54493093	0.61308425	0.40235535	0.87776757	0.71044359	0.4946978

3.15061575	2.81311539	3.00590656	2.81524501	3.08348601	3.12612754	3.23167283
0.03917862	1.00E-04	0.01483483	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00291192	1.00E-04	1.00E-04	0.03439499	0.0466606
2.14400692	2.15249004	2.1023084	1.01467768	0.8062383	1.61998767	1.4366465
1.00E-04	0.04238086	0.18088176	1.00E-04	0.29332985	0.24576424	0.08299288
0.08184333	0.09595627	0.05274588	1.00E-04	0.09065331	0.17790962	1.00E-04
1.68148925	1.38472502	1.3726151	1.42772865	1.49675921	1.36972064	1.58174046
0.12335445	0.10123792	0.18799209	1.00E-04	1.00E-04	0.10210812	1.00E-04
2.79881682	3.03297226	3.04094269	0.86689169	1.31706401	2.09017663	2.09893451
0.23963726	0.24267101	0.35109482	0.91410042	1.38033988	1.53445389	1.7521287
3.19147619	3.55954025	3.51825921	1.0567847	0.95829124	2.197606	2.33616034
3.07847624	2.62587423	2.83367956	3.25093242	3.34644588	3.38926484	3.44962001
0.05933338	0.01808536	0.06307319	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.59125419	3.9858534	4.04562718	1.80202358	1.97375003	2.64017412	2.72097159
2.15434469	1.81750538	2.18987647	2.94635533	3.21680484	3.12450577	3.31946713
0.0456965	0.04875991	1.00E-04	1.00E-04	1.00E-04	0.08739561	1.00E-04
0.37992072	0.19280883	0.3904317	1.00E-04	0.80941254	0.28943267	0.44950519
0.02756957	0.03879905	0.00769394	1.00E-04	0.28471098	0.55926873	0.3664342
2.51187847	2.58988645	2.67021786	2.57643248	2.89186604	3.07268548	3.09757341
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25334403	2.52908305	2.56827104	1.59584938	1.96198369	2.25155176	2.48622272
0.36244765	0.19612924	0.1998747	0.14812294	0.94749308	0.35072969	0.32798221
2.64085351	3.08371401	3.05052189	1.18584652	1.02632171	1.83760008	1.6375664
4.69966784	5.14411389	5.07873254	2.67343001	3.01653885	3.94041969	4.02593739
1.62751768	2.14127121	2.3008021	1.06218395	1.25736509	2.02001055	1.89306992
0.3907439	0.13298284	0.14455452	1.00E-04	0.41789905	0.25736755	0.20635131
2.873564	2.76486211	2.9776644	2.20815864	2.87588533	3.01766052	3.09512328
2.78543405	3.30233792	3.26025628	1.36388381	1.66678068	2.12232145	2.10111174
0.33586098	0.18182581	0.30766228	0.21020451	0.34892235	0.30115634	0.41734265
1.00E-04	1.00E-04	0.00640345	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88776205	0.52674388	0.66298446	2.36179711	2.42963194	2.16798208	2.70687651
3.63463473	3.88299097	3.93321581	2.43110886	2.94410951	3.16937967	3.31938868
1.60045258	1.21862689	1.28847224	1.18398469	2.09816113	1.67667682	1.93970981
1.87307177	1.16363157	1.31319619	1.40768916	2.39734573	1.7438441	1.94445838
0.02397784	0.03399233	0.01999644	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18732899	2.18544999	2.33014992	2.74926049	2.84857136	2.72106649	3.12052469
1.00E-04	0.04874337	0.07258428	0.11847098	1.00E-04	0.10020215	0.26122248
2.36641751	2.61003876	2.67079818	1.06225419	1.21124521	0.76370265	1.17775212
1.07356547	0.96595629	1.00170672	1.86194594	1.49393314	1.60380484	1.82302928
2.84604201	3.53317195	3.39782022	1.49785648	1.47349806	2.46935166	2.4686429
3.85222548	3.66158545	3.74787221	3.76039298	4.0528404	3.74752247	3.97945486
3.28585962	3.16860236	3.30846074	3.63320972	3.60259467	3.59000025	3.80227712
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0.09155313	0.01026187	0.02131934	0.62253562	0.67607436	0.94342665	1.34276447
4.6500834	4.04471728	4.13766557	4.81152317	4.96607367	5.02090931	4.89501467
0.53584053	0.83941759	1.07906971	1.00E-04	0.10703484	0.49394407	0.85562027
1.00E-04	0.00319975	0.00521181	1.00E-04	1.00E-04	0.06541028	1.00E-04
3.78625312	3.67616733	3.75003419	3.75416001	3.85914244	4.07245204	3.9785684
1.00E-04	0.03095875	0.02257208	1.00E-04	1.00E-04	0.05813989	0.24423998
2.14643865	2.31684321	2.36877813	1.16098957	1.44348984	1.53413387	1.5555813
2.19457051	2.73047205	2.71494647	0.57027034	0.47242118	1.54329138	1.13084132
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.51025267	1.73626255	1.7419596	0.45946797	1.49673987	1.49738966	1.60423985
2.20133988	1.20190327	1.45854239	0.40304188	1.13083622	0.71727313	1.11776866
0.39893456	0.39714126	0.66008288	1.56862243	1.10074089	1.21254221	1.34984764
2.82707081	3.54338465	3.47180592	0.47836917	1.35880535	2.32487814	2.49938486
4.05387988	4.71918164	4.53360702	1.71932573	2.14470176	3.37717403	3.33367593
4.1271727	3.96481977	4.03375819	3.77384179	4.29867823	4.33668083	4.42191435
0.31765731	0.43425558	0.39451079	1.00E-04	0.2328384	0.04239803	0.09942666
2.84385861	2.78538881	2.98941318	3.64758452	3.59406651	3.86989277	3.97438001
0.0191512	0.05690191	0.09191323	1.00E-04	1.00E-04	0.02753112	0.12859618
2.23568983	2.27999731	2.21980276	2.38063363	2.2329563	2.43399721	2.48568021
0.52187212	0.22834204	0.29539908	0.98988717	0.99287811	0.62541825	0.84516803
1.41164156	1.02553204	1.21990666	0.45895885	0.10307257	0.37681736	0.74583841
1.99420073	1.88307308	1.90310704	1.95361539	2.34114107	2.39923372	2.65578161
3.35204348	2.88909374	3.16710647	2.38057848	2.72740932	2.28660562	2.67283387
2.23512922	1.68306777	1.87639334	2.30936336	2.7784482	2.52422375	2.50454041
1.00E-04	1.00E-04	0.03079368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26575495	0.14795434	0.08882857	0.30127712	1.25255284	0.39361531	0.86008445
1.76966167	2.01092179	2.43458617	2.71399496	2.31916175	2.2953189	2.57563513
1.18139981	0.33451676	0.31170316	0.24672226	0.37937545	0.10763937	0.48026439
3.82986417	3.8599168	3.83283447	3.53681734	3.6079786	3.78654703	4.05516149
0.04328193	0.07976557	0.09432367	0.10677729	0.21009012	0.39422858	0.57163641
1.00E-04	0.01347815	0.01263184	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.501807	3.4372478	3.44712333	3.07153444	3.23767648	3.37253161	3.43637296
1.00E-04	1.00E-04	0.00914057	1.00E-04	1.00E-04	0.10922789	1.00E-04
3.69180568	3.84986175	3.85652328	1.40096831	1.34691766	2.49166713	2.36425625
1.39101769	1.45758364	1.55799116	0.15340177	0.17164248	0.76875552	0.22627105
3.67822887	3.77221868	3.72395432	1.66543361	2.26997558	2.51091558	2.2905391
4.20924419	3.8140806	3.79698435	3.51262	3.85352622	3.75741381	3.72349104
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2.89706179	2.70846927	2.81966699	2.67509122	3.05745727	3.04613526	3.19288282
0.31758869	0.14405392	0.10838545	0.42100391	0.4542224	0.3023464	0.37679338
1.62392392	1.5344422	1.69017718	1.50603756	1.88591082	1.82416497	1.89995856
3.27027111	3.328598	3.43403609	3.23078225	3.52170854	3.69543252	3.8082367

2.53208646	2.90001176	2.96768011	1.30709926	1.58233261	2.05222164	1.92636625
4.07165252	3.91033294	4.17032899	3.48454425	3.7910544	3.95055511	4.13517099
1.75267343	1.59469488	1.73144937	1.15699884	1.80327029	1.48516501	1.74473204
0.33787529	0.20635758	0.52437394	0.12073689	0.07892658	0.1657394	0.59795198
0.95443563	0.59904057	0.63044201	0.86408607	1.2198024	1.45641165	1.41374155
1.00E-04	0.02894519	0.09043245	1.00E-04	0.44393814	0.29146313	0.22421782
4.78346154	4.82295223	4.84389936	3.60973128	3.86603658	4.39409981	4.52776008
3.5095713	3.86362223	3.76638005	2.74029715	3.07989879	3.25588541	3.30093485
4.76432363	4.30633075	4.32982446	0.9750073	1.72884791	2.36736015	2.1820054
0.14696052	0.04881621	0.06254457	1.00E-04	1.00E-04	0.15849152	0.15290658
2.22648133	2.62752468	2.18459099	0.25157298	0.11183691	0.72764679	0.53808684
3.65289767	3.32946491	3.30638771	2.24937129	2.81773449	2.59251284	2.55962371
1.05702143	0.30431629	0.28030231	0.14506926	0.66261444	0.37913323	0.59775146
0.15184028	0.16083067	0.19169846	0.15171602	0.32561413	0.31561672	0.12294895
4.95230726	5.29855162	5.23727405	3.30841269	3.70050003	4.39165829	4.53104903
1.00E-04	0.01268472	0.01121214	1.00E-04	0.07448627	0.06127566	0.13315958
3.04654688	3.24867951	3.1968779	0.88952923	1.75941992	2.37407397	2.6103626
1.00E-04	0.02854118	0.01440507	1.00E-04	0.2139562	0.24379257	1.00E-04
2.62581313	2.02298204	2.42095998	3.0989761	3.54453869	3.39111666	3.41635973
2.82020823	2.77886217	2.85683049	2.11013957	2.29500355	2.63078539	2.54624927
2.69389001	2.4143589	2.33987546	2.35323252	2.42427616	2.41769751	2.47543687
0.12120479	0.05854528	0.09584037	1.00E-04	1.00E-04	1.00E-04	0.48610395
2.23741239	1.93112361	2.21253243	3.10343308	2.81297925	2.59613721	3.03009062
4.42681191	4.40020258	4.29683229	4.12997135	4.03359879	4.0654326	4.28166118
2.48501513	2.24855447	2.50396277	2.81961047	3.30709893	3.23531652	3.22972225
3.19969918	3.20434016	3.2296921	2.36602479	2.69666159	2.81367728	3.0406265
1.9659496	2.3707384	2.36641096	1.3602831	1.20194048	1.98072977	2.11219062
3.16110059	3.56120884	3.38808842	0.54498059	1.64989203	2.30322852	2.12300387
2.66914032	2.42929535	2.81157813	4.45287318	4.58751224	4.63712985	4.56822119
1.00E-04	0.00430816	0.00414682	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00700159	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04493562	0.07002677	0.17940346	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61257624	0.8185244	0.8793588	0.75850719	0.81611315	0.80782983	1.01482452
2.4705303	2.36721298	2.70850616	2.29332255	2.77965861	3.09469565	3.23577984
0.43054423	0.69204023	0.74576763	0.33950326	1.00398518	1.35768566	1.46573318
1.11615343	0.56288791	0.63850721	0.66362271	1.2481254	0.46391827	0.4788151
3.9354889	3.96746968	4.11670921	0.61594135	1.64245051	1.91912574	2.00676916
0.69463146	0.38189007	0.38104799	1.38331827	1.23495619	0.71498719	0.63305787
4.94518764	4.41817705	4.60325404	5.06520633	5.43337758	5.36413863	5.42394594
4.09500033	3.44356735	3.73524157	4.84550268	5.08451732	5.05813199	5.09309695
1.31240293	1.14558203	0.89486574	0.23472716	0.51734899	0.51757948	0.11253018
1.00E-04	0.00591748	0.00741069	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03697371	0.02452189	0.02515018	1.00E-04	1.00E-04	0.11005347	1.00E-04

3.64672804	3.57012914	3.72547668	2.23788235	2.7761629	2.78809332	2.84335452
0.4298368	0.42023805	0.3557379	0.38424303	0.55965265	0.62422295	0.82946075
1.7771711	1.95716321	2.02883624	1.68055204	1.69683977	2.07230436	1.87150487
2.24771615	2.81651568	3.18286628	1.26621118	1.47822372	2.0246678	2.21719446
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.88496732	2.66516292	2.86178353	2.12704478	2.65870048	2.85952398	2.82213876
0.29234297	0.09462615	0.02337883	1.00E-04	0.25917052	0.22727761	0.33085145
2.24905302	2.39358353	2.53884883	1.31865726	1.72352051	2.0243417	2.04575216
0.15029935	0.16278285	0.15488669	0.13626473	1.00E-04	0.52356687	0.42969163
2.27562583	3.10104897	2.87223085	0.8937582	1.13047377	1.97384299	2.19347303
3.73506525	3.9386496	3.96612465	2.38377606	2.71274252	2.93707488	3.10969991
3.34685019	3.15889676	3.26097997	3.82157562	3.99201712	4.00371943	3.99252757
0.13415042	0.01767631	0.04241285	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13472833	1.00E-04
0.01505693	0.13116192	0.04163004	1.08549126	0.97754864	1.71123853	0.96434651
0.71990784	0.58420128	0.60218297	1.00E-04	0.69746021	0.10675633	0.20344015
3.8580012	3.51177123	3.6745644	1.88892149	1.72228957	1.94223256	2.31606323
0.70824646	0.31104906	0.36709637	0.28061093	0.77925848	0.84271907	0.58332651
2.14555827	1.28923344	1.50594851	3.74562544	3.64576035	3.84247563	3.91252749
5.25561825	5.18022094	5.22881026	4.77805125	4.96128607	5.00772128	4.95864993
0.65915834	0.69879304	0.74588187	1.01560746	1.25305712	1.33354924	1.61585801
3.47242955	3.55996349	3.52626494	4.05471862	4.19926294	4.21907124	4.38023497
0.37538054	0.46408639	0.56584236	1.19516482	0.46687338	0.46720746	0.36864665
0.05284004	0.02942914	0.07290241	1.00E-04	1.00E-04	0.0477259	0.11212591
0.03979152	0.01466242	0.03527203	1.00E-04	0.18438071	1.00E-04	1.00E-04
0.14388213	0.04853575	0.08247664	1.00E-04	1.00E-04	1.00E-04	0.38002011
0.13513908	0.01612256	0.01258534	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00590566	1.00E-04	1.00E-04	1.00E-04	0.06577109	1.00E-04
0.45196422	0.16481228	0.28728334	1.00E-04	0.64685326	0.5425897	0.81078148
0.35929946	0.57240912	0.82788629	0.75088986	0.62542937	0.8610839	0.95040988
0.0676116	0.05325517	0.10658361	0.26272291	1.00E-04	0.29585005	0.21208928
1.32708968	0.30039395	0.39018071	0.31844831	0.45627413	0.29450185	0.5727282
0.02298717	0.14045592	0.05143521	1.00E-04	0.21345846	0.41828867	0.15492244
0.65369595	0.50719737	0.91414064	1.00E-04	0.28855713	0.4421428	0.40806095
0.96145631	0.52685383	0.4143841	0.22510796	0.86883604	0.47222798	0.78492555
0.33026232	0.13115424	0.10253939	0.6833782	1.42196779	0.77699106	0.98405862
0.03751811	0.00898136	0.02151236	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90002176	0.64170877	0.74764906	1.06877642	0.80144576	1.2109326	1.80115152
7.61751092	8.10489775	7.97252651	4.83869573	5.57316701	6.5692328	6.48163994
1.00E-04	0.01143221	0.0039757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89537548	2.53197487	2.65976689	0.64230387	1.04690908	1.80038671	1.79159174
8.97432467	9.38832994	9.45667137	6.11416938	6.66152906	7.73625248	7.64735803
0.40396911	0.18149589	0.12322071	1.73338871	0.36418935	0.66474497	0.74507144

4.71849189	4.57512968	4.75526016	5.47351497	5.54626077	5.48497977	5.43883936
2.83633069	2.52499397	2.56032134	3.23004217	3.61104987	3.39576494	3.49290695
2.76954273	2.47894461	2.7296782	3.54192948	4.02659672	3.85067818	3.65876881
2.85558521	3.1259036	2.96517061	2.05712398	2.31784361	2.66140586	2.66368943
2.10258984	2.09816472	2.27562157	1.59099731	1.97684057	1.84696579	2.07871041
3.76778335	3.69115444	3.73044971	3.2351935	3.30405301	3.81257698	3.93853742
2.2182538	1.69973886	1.99871968	2.35110904	2.82854089	2.73037115	2.83284421
3.82310889	3.86775709	3.88536334	4.0552109	4.30828621	4.28868071	4.43075708
3.58294799	3.67185947	3.80273689	4.02804256	4.08227654	4.21223829	4.40866052
0.05738838	0.14000016	0.24530504	1.00E-04	1.00E-04	0.10382406	1.00E-04
3.10873659	3.87848122	2.67159817	3.55216401	3.43353336	3.6549927	3.71505627
0.79918928	0.95148769	0.91851489	1.27323001	1.10254138	1.05700363	1.16104668
3.51478443	3.49460498	3.52883318	0.92291325	1.28423072	1.36595066	1.24477203
5.40895013	5.56592023	3.72748213	4.40186893	5.37306384	5.57717195	4.62768941
1.29607109	0.56013496	0.97589595	1.00E-04	0.45064361	0.07801542	0.29928068
4.74619699	4.55588764	4.66555884	5.56343762	5.91620884	5.84015733	6.00325353
2.47139954	2.36894292	2.66223581	1.39513359	2.22364703	2.61249493	2.33815943
3.39277817	4.11130854	3.9602991	0.98033995	1.48040667	2.41104973	2.26739714
4.37959448	4.44739133	4.57634837	1.55299209	1.77526649	2.26283313	2.18306694
3.04171778	2.91194276	3.11909931	3.17819037	3.31573103	2.86393874	3.52688853
4.14390144	3.84585215	3.60200216	3.55180185	3.94650841	3.68387216	3.93194272
1.00335002	0.43677911	0.58099533	0.33848662	0.21006694	0.26837045	0.42736947
3.84941564	3.79123095	3.8170299	4.44824829	4.72480353	4.54643669	4.49735543
1.87305788	0.94689546	1.46629712	0.40970491	0.73066336	0.4586723	0.35384844
0.04288881	0.11903861	0.37814376	0.67459045	0.19809934	0.06754082	0.0609565
3.9215264	3.91038251	3.97922078	1.22042674	1.87529076	2.57976643	2.20896887
0.30600514	0.05562114	0.08197722	0.3397536	0.44479477	0.31580213	0.40050126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.0287496	2.04480316	1.91873011	1.85848556	1.25402014	1.60338918	1.48712565
1.00E-04	0.02299651	0.08143279	1.00E-04	0.22282819	0.10773428	1.00E-04
0.53281656	0.42933808	0.62397591	1.06856204	2.16610955	1.66398964	2.07993531
0.91293819	0.38344	0.42283846	1.00E-04	1.11021745	0.96131966	0.43682685
3.9519438	3.9309104	4.11364812	2.8282139	2.86803866	3.18094282	3.36628062
4.63465715	4.47215736	4.55337343	4.99003408	5.27019142	5.04256289	5.17879461
4.9108895	4.34480229	4.46397771	1.68226549	2.54282129	2.49896211	2.52592059
0.64399099	0.28200928	0.49751584	3.778574	3.90922748	3.62641765	3.56631287
0.25908768	0.48137596	0.28708331	0.33288916	1.21548334	0.87302821	1.41085763
0.4753403	0.27384764	0.46259825	0.43366382	0.56591749	0.27822572	0.2489259
0.88252648	0.86881272	0.70666224	1.70548628	1.71407697	1.19099023	1.24059467
0.90081182	0.3796105	0.49233596	0.78350358	1.19223595	0.62631501	1.17930248
2.81719058	1.69499015	1.91924511	2.92591291	3.25997422	3.30904251	3.91248211
0.08786029	0.1252454	0.01847926	1.50914654	0.70682379	0.96990492	0.55035566
3.77209947	4.26315813	4.19931863	1.73804792	2.14370665	2.69333473	2.80705267

5.08791538	5.51876779	5.38988892	2.71031346	3.11042714	3.75353072	3.55666406
5.08959465	4.52010194	4.84673355	2.91719362	3.19140794	3.40248981	3.3061171
0.58937935	1.20901064	1.31911241	1.63926847	1.49487793	1.93464094	2.49436575
0.2053916	0.22515311	0.48106967	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0617153	0.10738637	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.13762612	3.739291	3.92970643	5.39682081	5.43807925	5.55070579	5.61266616
4.46855027	3.91612879	4.1270975	4.04990091	4.45981077	4.1298456	4.29895738
0.36778069	0.25646062	0.46694666	0.12694112	0.10151097	0.0934941	0.37090431
2.95719401	2.237667	2.29506204	7.03285755	7.33514335	7.25286576	7.12307307
3.5203798	3.08484668	3.13182881	3.59676475	3.84678061	3.6272988	3.87843412
3.47788855	3.65219949	3.49870152	2.80669601	3.13104124	3.31559196	3.38153765
2.10368977	1.8556821	1.65729588	1.97276657	2.13290125	2.376337	2.52029497
0.10776682	0.09309935	0.19845021	1.5383222	1.83005808	1.4661608	1.85195494
3.93681163	2.80138414	2.99981305	4.10087653	4.04091845	3.71809026	3.91625856
5.00829945	4.20789722	4.34495336	5.38855614	5.72413619	5.55516299	5.49247682
0.95857493	0.82083969	0.80510709	1.39279598	1.42693447	1.52644257	1.70151311
3.90132064	3.61323527	3.75441584	4.66305806	4.82960593	4.97815539	4.91909675
0.6056522	0.47047552	0.63844616	0.78682116	1.10876947	1.21805358	0.93460588
0.21428463	0.34706549	0.2502207	0.25603756	0.82005015	0.69042258	0.91322259
0.39651567	0.30332278	0.33469618	0.69482135	0.78069116	0.63559211	0.62265955
0.65179515	0.74906368	0.58853984	0.32100787	0.46925005	0.39963782	0.42034081
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0.11810949	0.05752524	0.0463057	1.00E-04	0.19967127	1.00E-04	1.00E-04
1.17097135	0.32341086	0.61865045	1.00E-04	1.00E-04	1.00E-04	0.18599539
1.07943407	0.86828238	0.79269008	2.45962556	2.22848178	1.86454379	2.08101155
4.25965477	3.74170031	3.97153498	4.37769652	4.6936154	4.6364622	4.70166216
2.70257892	2.21229319	2.4887058	3.13199823	3.47843822	2.8793323	3.12831457
4.65377858	4.19463738	4.31499607	4.94682145	5.23377646	5.15980994	5.14530623
0.33768778	0.13783283	0.25535396	0.46743382	0.44815213	0.11841491	0.28693079
4.63170994	4.16728831	4.5082841	4.22462631	4.61655358	4.32191649	4.36929696
4.89210817	4.34524376	4.57813259	5.43911329	5.79137914	5.66754778	5.70453837
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3.57003782	3.05941565	3.14238368	5.28203678	5.60735199	5.40026866	5.45720776
3.60914186	2.61665834	3.21962393	0.66822252	0.74022187	0.7008371	0.48216296
1.31452217	1.18098754	1.33491202	0.73260516	0.86163761	0.66052528	0.61553643
5.90876097	4.87555792	4.95232797	2.26344897	2.88995193	2.56501582	2.6603081
0.53775101	0.49070974	0.37075695	1.00E-04	0.19379204	0.06630141	1.00E-04
0.65312719	0.21063195	0.19890084	0.97236668	1.03551489	0.78570861	0.70792379
2.74533565	2.67425029	2.70680619	3.23182895	3.36929494	3.76354227	3.66300129
2.96273458	2.75348098	2.93308241	2.87068205	2.85730833	2.91781539	2.81159481
1.4357487	1.71057042	1.70325275	0.45690025	0.89317142	0.9243782	1.15152135

3.71385196	3.13217108	3.420271	3.93507903	4.53635218	4.38087576	4.57367993
0.31649604	0.13260643	0.41615834	0.3666911	1.00951285	0.28159134	0.66843276
2.7143677	2.61631831	2.7568598	2.22613829	2.20583626	2.3258041	2.42313209
3.95880602	3.8498751	3.8088194	3.08190614	3.4194103	3.5755706	3.59642253
0.96509943	1.02653887	0.97331434	1.23392014	1.3037396	1.44000142	1.37921945
3.54902124	3.06713776	3.22225844	3.82797867	4.12362464	4.11680937	4.08561966
4.98065597	5.35751835	5.37652924	3.61641264	4.2242498	4.57926282	4.62669587
0.88028165	0.77197398	0.88609327	1.45921582	1.84765244	1.18730671	1.34321672
3.17789258	3.70435675	3.65158767	1.00091844	2.06875716	2.53877217	2.38777065
1.80913141	1.59596898	1.66306587	1.51211387	2.05373581	2.3181065	2.35014445
3.39343043	3.94518654	3.85739193	1.98746212	1.97178881	2.59150955	2.3653083
1.35531177	1.41088687	1.22187049	0.67833695	0.66256544	0.84691011	0.43036852
4.08552885	4.64284633	4.63290023	1.37252803	1.88911896	3.05017895	2.82963324
4.13957385	4.97795915	4.8686886	1.74623109	2.13506325	3.32219232	3.04437055
4.65704617	5.65497191	5.42208104	3.24362883	3.58733702	4.76361764	4.8654529
3.46073754	3.35792122	3.42793321	2.99799247	3.48250846	3.46886259	3.51078098
1.32964892	1.07481395	1.14963015	1.43998168	1.82544264	1.47486126	1.30803192
5.54098967	5.32863611	5.26801638	5.24090934	5.45923694	5.44806892	5.32533419
3.72368617	3.47447892	3.45578342	3.07755315	3.16686888	3.10177879	3.01133331
1.09915842	0.98318454	1.14783007	1.7168863	2.00129506	2.35565632	2.53859856
4.27662403	3.97432245	4.17243129	4.89780151	5.13318793	5.1230994	5.18800837
3.01810554	2.61450071	2.84550184	3.26364536	3.47808351	3.45922585	3.61595913
2.1466851	1.96253218	2.10444654	2.50738128	2.8552554	2.48590049	2.50863597
0.04189626	0.05868417	0.07033873	1.00E-04	0.09084533	0.31096871	0.07194871
3.40926503	3.32965621	3.43502779	4.18407732	4.3176161	4.22887104	4.23772935
3.5564267	3.49053638	3.50269666	2.85070849	3.09908866	3.33479944	3.25136876
3.01678903	3.18630112	3.15414415	2.00916923	2.14348859	2.54892676	2.59269183
4.03816525	3.94634399	4.01002074	3.73187236	4.05397502	4.21711176	4.31314984
2.78093344	2.64275598	2.80051392	2.03838985	2.6485084	2.43469371	2.65560573
2.15660498	2.16782718	2.17726931	1.25556198	1.27717841	1.24183299	1.2015872
3.19313036	2.36017911	2.71465844	2.24242351	2.67376035	2.79624114	2.92721111
2.43228555	2.84051266	2.62227581	1.11875581	1.24003208	1.84085541	2.02167175
3.35501979	3.56270279	3.55223871	1.56653652	2.37323404	2.41632803	2.74941816
0.43796481	0.38452585	0.34806651	1.00E-04	1.00E-04	0.17544094	1.00E-04
2.59064236	1.71680012	2.22560142	6.72398588	6.56879544	6.59968605	7.10031101
0.57446623	0.26682388	0.33656265	3.30748816	3.24606634	3.42997292	3.71846525
0.33783275	0.08956647	0.11829043	1.00E-04	0.77527417	0.20146215	0.65277029
3.82756002	3.82121033	3.82475975	3.6742995	3.98201582	4.04376785	3.90916613
2.81272802	2.75120276	2.89781724	3.00128805	3.22212876	3.19638354	3.55381986
0.02229385	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.05678275	3.62857938	3.6658393	4.30138684	4.7831352	4.6152328	4.61790639
4.78062577	4.19187964	4.05375986	3.95639857	4.30083502	4.08707914	4.09907502
2.78235331	3.26733328	3.29487991	1.17986519	1.02469096	1.85719177	1.90146373

3.99199782	4.29506705	4.21259393	3.64218762	3.87754876	3.79178489	3.97780419
0.782372	0.73947592	1.11798375	0.51164779	0.75295925	1.27907965	1.72207486
2.24521619	2.44168118	2.48599422	2.31389474	2.4756272	2.59201547	2.68251735
1.42600171	1.418996	1.36005582	1.34816691	1.35342111	1.37211958	1.19843377
2.72554528	2.96895649	2.85502818	1.08334672	1.47854435	2.03910904	2.07759441
0.06011346	0.01624138	0.05554903	0.11063207	0.10445351	0.41993673	0.30100772
1.10948258	0.47715447	0.60761203	3.41888969	3.6197185	4.03575054	3.6491489
0.42179115	0.18838023	0.22750017	0.92817421	1.12377233	0.67771569	0.77228904
1.00E-04	0.08622735	0.06972039	1.00E-04	1.00E-04	1.00E-04	0.11064921
0.25440658	0.14121528	0.38356997	1.00E-04	1.00E-04	1.00E-04	0.06876779
3.17917001	2.84522325	3.2352073	3.02955199	3.16409663	3.19162868	3.22217287
2.34755737	2.00205561	2.2148798	1.28014163	1.24847162	1.19310674	1.02718179
3.4038191	3.01680615	3.32560613	4.43287131	4.71053609	4.79267584	4.84091743
0.54089812	0.31331059	0.42047311	1.00E-04	0.35244221	0.28362167	0.13211218
4.13401319	3.88736348	4.08581521	2.4469058	2.72045684	2.97319029	3.03702368
2.87502256	3.36582499	3.42671344	1.76973489	2.09772005	2.41744438	2.36285747
3.18511046	3.29949044	3.28697173	2.98125895	3.42499419	3.4061162	3.48313384
0.12821316	0.08416473	0.09001878	1.32826141	1.58725714	0.91215367	1.76079421
0.18093135	0.20608153	0.07973512	0.36595487	0.14037209	0.54733608	0.2744227
4.61517141	5.21292768	5.0625513	2.6292473	3.22408542	3.90424597	3.94686765
4.60256152	4.2180434	4.41252501	3.90645162	3.9466644	3.85978712	4.1864918
2.54073147	2.71135622	2.67151834	2.84296664	2.85498695	2.99792256	3.43068342
1.86756486	1.70713931	1.80695536	2.66141028	2.71648085	2.34146877	2.46359768
5.80434982	5.91225013	5.92336521	4.61557045	4.92822756	5.17821751	5.25826806
4.61779561	4.47910437	4.79506856	4.0234699	4.26525681	4.2498719	4.40790314
1.20890261	1.60677019	1.55713203	0.36084702	0.25808319	0.4162632	0.12481951
0.09395216	0.06425608	0.02868008	0.27753186	0.19764172	0.0791025	0.07749146
4.79240166	4.89453721	4.90925788	2.50479868	3.40634836	3.44104793	3.56626724
4.1735927	3.92408027	4.07889212	4.16525434	4.32811373	4.28829777	4.44928253
3.75342924	2.88017108	3.20199773	3.15925459	2.72224959	2.80607896	2.92245465
3.48760749	2.40296005	2.98932835	0.83579938	2.04732208	2.36706899	2.57251412
4.72408212	4.70990087	4.73820414	4.8003687	4.99953536	5.04011887	5.07172691
2.65862114	2.54137397	2.46954625	1.46569904	1.85777136	1.91262437	1.78680736
2.78297822	1.98632044	2.09682885	1.35008514	1.86895108	1.80248693	1.88202359
2.03638294	2.15142989	2.22029982	0.83120015	1.23448353	1.57563049	2.13527572
1.84104938	1.98602944	1.99142215	0.91900036	1.2486808	1.35059802	1.4557956
2.84641568	3.11381078	3.17433683	1.37548114	1.85543179	2.35656537	2.53027079
1.6696224	1.82631381	1.7436574	0.97312397	1.08298831	1.53677672	1.42611942
3.32570053	2.64491858	2.98158842	0.56863722	0.9641418	0.72877126	0.73040698
2.80858166	2.90964304	3.08315925	4.20744798	4.448706	4.32580622	4.38699365
7.18397622	8.13123066	8.05548204	5.52320213	5.66058816	6.80792037	7.02747531
1.28330501	0.87998453	1.28106389	1.14657426	1.40934656	1.32006487	1.57960926
1.23198609	0.94297301	1.22755838	1.78042436	1.84505445	2.00650051	2.0657428

4.8551765	4.69937827	4.74507081	5.13968298	5.27692187	5.49457601	5.52104099
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3.86672994	3.87744677	4.03636185	3.01186673	3.49038841	3.32766276	3.38836184
0.08885053	0.121319	0.13803388	1.00E-04	1.00E-04	0.08733158	0.13489108
0.14049376	0.03022701	0.03885184	1.00E-04	1.00E-04	0.03517614	1.00E-04
3.12221745	3.46207629	3.43204012	1.94251773	2.44026766	2.74007632	2.6644668
2.48696726	1.90479822	1.83858018	3.40184487	3.2308162	3.24811971	3.35572557
2.64692535	2.17247261	2.28921353	3.68617002	3.73446876	3.65126633	3.84182082
4.71929946	3.89174464	3.96700446	4.79373815	5.19484349	5.07567129	5.08359415
4.12602882	3.42068674	3.76613691	2.97098911	3.43758519	3.16240748	3.04131112
2.29111325	1.99539372	2.01661833	2.35259675	3.01370109	3.22761676	3.23032246
2.388821	2.74756817	3.03013394	4.43662411	4.67840857	4.97909423	5.322723
2.05436728	1.88659042	1.92036857	2.33483775	3.06384471	2.88552535	2.88833256
0.95665829	0.93027128	1.08392682	1.55223832	1.95764243	1.8162298	1.92164901
2.26076131	2.15720342	2.25914097	2.78479674	3.35852268	3.26613433	3.37639376
2.86630013	3.37021643	3.27076902	2.25052275	2.47383885	2.65258256	2.64727682
3.25469482	2.95329867	3.10912353	3.14567922	3.27473719	3.22522544	3.29832187
1.93144742	1.98437188	1.82793457	1.29537094	1.83143084	1.47485286	1.74192351
5.85907201	4.97491786	5.258763	3.51038499	3.83713747	3.66124059	3.5989313
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4.50334525	4.66064006	4.76368739	3.99647818	4.44137881	4.66559965	4.74731271
2.85817725	2.20442632	2.34290878	2.48889667	2.41271739	1.94441496	2.33316779
4.37011811	3.67367309	3.79949337	4.24400832	4.55069831	4.39336555	4.48446594
3.08176922	3.05417197	3.13350846	3.01825028	3.66467479	3.33753356	3.45849576
3.58528146	4.19996447	4.03929275	1.64377518	1.89281542	2.80230345	2.54162016
4.62652257	4.16651941	4.32044093	5.50680718	5.71608555	5.72662063	5.75755348
3.4212389	3.0651573	3.38217797	3.23769584	3.64781616	3.63067203	3.75687699
3.49645562	3.2026769	3.20115837	3.50119514	3.6645865	3.73590732	3.84882623
3.02518518	2.83557707	3.02269058	3.35595126	3.67740908	3.8426047	3.90394988
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3.8044087	4.09861242	4.12941912	2.53336928	2.87646645	3.1571974	3.2437251
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.86852363	3.42048983	3.30910065	2.60821984	3.04646748	3.37194999	3.45698355
2.06577443	1.74820314	1.90079582	2.96478617	2.86608737	3.07909828	3.17826288
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4.92212515	4.0770107	4.24277455	5.73444261	5.86008384	5.50096994	5.60307214
0.08832614	0.03310089	0.16191761	1.00E-04	0.33142023	0.0926368	1.00E-04
3.05883939	2.77309675	2.94848414	4.04173249	4.22080596	4.35560867	4.2809277
5.89066033	6.14747013	5.9238673	2.91042283	3.69649416	4.18254046	3.98579122
3.92491698	3.8001375	4.02133128	0.95115043	1.56012203	1.55821191	1.38549418

2.78829448	2.07179874	2.38843541	0.54054602	0.45223008	0.33732428	0.31554776
1.62811964	0.91822952	0.96893769	1.70834371	2.01335596	1.76623711	1.92567397
1.34733725	1.59389681	1.42508184	1.00E-04	1.00E-04	0.17355618	1.00E-04
3.68007505	3.10543397	3.7140637	5.89476633	6.12609935	5.78074946	5.99904525
3.03001434	3.07174217	3.0272375	0.40154429	1.35090255	1.21158556	1.03899132
0.94216012	0.78178915	0.90415344	0.74196884	1.1565289	1.42672361	1.30730709
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3.69260457	3.67609694	3.50674323	1.70344383	1.46518447	1.56298493	1.40469874
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2.25192685	2.67379562	2.59738678	0.73554982	0.84032585	1.78640272	1.77706015
3.34242291	3.34135062	2.91778437	1.16322938	1.75961442	1.71462097	1.8083815
0.68319636	0.53487641	0.85983236	2.96031038	3.24765868	3.10015559	3.40179043
2.57506294	2.50962846	2.2017977	2.82859347	3.25637169	2.81694588	2.81276766
2.26798748	2.17636941	1.88383854	1.00E-04	0.43326444	0.85279222	0.85628247
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11977873	2.00674415	2.12269831	2.26460469	2.78176295	2.71554128	2.72578715
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4.52063758	3.95335085	4.02305268	3.76062069	4.39647176	3.93428016	4.13442674
1.00E-04	0.04822911	0.01813976	1.00E-04	0.1232515	0.0578846	1.00E-04
2.4700687	2.50461281	2.20210633	1.22994758	2.32929779	1.91331049	1.96563877
0.17062078	0.07320957	0.21017301	0.37611648	0.6338822	0.71948693	1.0223567
1.13978043	0.68689176	0.98375437	0.19673328	1.40643169	0.86811262	1.09573443
2.25723578	1.89150404	1.81817387	1.61525389	1.5846363	1.63978602	2.06978838
5.19854493	4.88350202	5.10981167	4.63169045	5.0613987	5.01225072	5.1366309
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4.61258503	4.05928676	4.18301322	4.89065125	5.18689864	5.12327251	5.01240858
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3.36834493	3.56593499	3.53590226	2.83267817	3.16679228	3.3607435	3.34875239
0.06985063	0.06613361	0.0200229	1.00E-04	0.17659885	0.06920702	1.00E-04
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0.03490565	0.00530565	0.08959203	1.00E-04	1.00E-04	0.37109397	0.08846255
1.51256584	1.49146328	1.54072439	0.95274773	1.1829025	1.47572334	1.20476671
4.54730783	3.9744361	4.14155086	5.07063859	5.40536811	5.32984292	5.30890249
1.9135031	1.98005888	2.16910205	0.54723963	0.70467701	1.13943645	1.08133402
1.13017836	0.66176001	1.099023	0.40825912	0.44331913	0.51610877	0.71426548
3.0497314	2.67112501	2.86279962	1.80796294	2.04061242	1.51529424	2.14062733
3.11584416	2.65263177	2.91708642	3.88400816	4.22381208	4.07769628	4.05121172
4.86507652	4.58601565	4.68965233	3.61142416	4.06457241	3.97035279	4.05075919
3.39401876	3.35995677	3.39252846	3.8619055	3.98049449	3.9552497	4.13813563
1.00E-04	0.03106097	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	0.00186282	0.01052532	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.73646927	4.17340834	4.22210858	3.86181239	4.27710392	4.03285936	3.88484426
1.69973481	1.20155704	1.4447916	1.34946195	0.97064698	1.23451178	1.82931345
0.33409144	0.18194793	0.34806608	0.49203402	0.75100922	0.68004144	1.20803416
2.83071231	2.36039484	2.5431188	0.0670483	0.19153383	0.98499517	0.99738273
4.22468747	3.62823524	3.77883518	3.53386917	4.01358886	3.79825292	3.92280011
0.01884141	0.00578214	0.02311353	0.11454254	0.13082089	0.0521051	1.00E-04
2.73493696	2.690728	2.71875726	3.14256783	3.12944018	3.45984513	3.51912388
0.12155621	0.11286424	0.11696383	1.00E-04	0.3423785	1.00E-04	0.10053117
1.05740708	1.17984693	1.19233373	0.46332638	1.00E-04	0.2040176	0.17764732
2.58685786	2.16972044	2.2936657	2.79765641	3.13800683	2.91918746	3.09756208
2.44289844	2.42847672	2.43317503	0.24457153	0.04521075	0.81476463	0.99055572
0.52289711	0.52428402	0.8308145	1.64914122	1.68383542	2.14349701	2.3846666
2.06602829	1.1966815	1.48253099	1.16718295	2.22816889	2.42620152	2.56549957
1.60400026	1.06644338	1.39486292	2.52530929	2.99083647	2.76554595	2.91455959
0.78672984	0.41084675	0.54340761	1.00E-04	0.54218475	0.28092918	0.44912123
3.03343457	2.98070244	3.04946752	2.48237447	3.26445656	3.29909167	3.23164517
0.72551195	0.30740275	0.45756186	0.47617863	0.86575054	0.0891976	0.33994154
0.7117844	0.40885488	0.5788455	1.00E-04	0.37015193	0.29734171	0.78490951
1.47007785	1.38059019	1.5254498	1.43024069	1.14117129	1.37969711	1.65831504
0.58521688	0.22873262	0.42782094	0.31428716	0.90084298	0.54641812	0.94743142
0.22333814	0.16385366	0.14557955	1.00E-04	0.3743267	0.56240688	0.66765839
0.2941883	0.15563396	0.15336227	0.76967404	0.50978311	0.27620754	0.33964881
1.06672899	0.87424858	1.0293689	1.0402661	1.69002358	0.27958996	1.10490095
1.00E-04	0.0257479	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.99490545	2.88683336	3.18926383	3.33311811	3.36653872	3.3143417	3.41142027
0.83505807	0.22835783	0.20820046	1.02372044	1.49759675	0.56618245	1.60427763
1.00E-04	0.00353257	1.00E-04	1.00E-04	1.00E-04	0.04373522	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.5745137	4.8796141	5.05657938	3.61418518	3.62190605	3.27459532	3.33514711
3.44266199	3.32500405	3.45117055	3.33267301	3.79577294	3.88800754	3.95950351
2.2074226	1.98545416	2.12050559	1.07714081	1.11457624	0.97788999	1.25887452
3.91260181	3.81086197	3.84251457	4.07990814	4.12159519	4.10076642	4.1775023
5.5389848	4.9060336	4.96961099	5.32544625	5.59719187	5.52670044	5.485504
0.62319576	0.66103702	0.76817452	0.59720135	0.79311971	0.487341	0.34775018
3.75786828	3.36729916	3.50125724	3.79383931	4.16490483	4.09366442	4.21203646
2.51546332	2.52800458	2.42136536	1.59151323	1.7650069	1.65791225	1.6600109
1.30866319	0.79952316	1.10448833	1.3673647	1.63805465	1.18036161	0.86237739
4.95051993	5.45418717	5.41780891	3.47030108	3.93166061	4.64194808	4.63171767
1.94751131	1.7788072	2.04412053	3.04772689	3.2096581	3.1925634	3.29911389
3.00139464	2.86418829	2.97797879	3.21300667	3.12894098	3.06478254	3.38619522
2.68186026	2.72276019	2.71268252	2.35764435	2.85654102	2.53521993	2.72455055
1.90077379	2.31649843	2.31112611	1.56584099	1.57274533	2.07698017	2.16308935

3.33714338	3.19257178	3.40812881	3.79862778	3.80893991	4.01939453	4.08949168
3.14069451	3.38050629	3.51678397	2.39833166	3.06584174	3.30335336	3.20870858
2.91735023	2.58921098	2.71810397	3.40943935	3.60094834	3.65097109	3.74004047
4.47807232	5.08216591	4.88192752	1.70502194	2.65335621	3.56465703	3.45147993
1.25673075	1.3013398	1.2873841	1.10681039	0.93200942	1.22623801	1.2023033
2.41777567	2.17522681	2.40509669	2.49761221	2.53568512	3.06477292	3.21450175
3.43472929	3.43097091	3.41782566	3.30589733	3.37132274	3.73264919	3.77098738
2.04621746	2.29942653	2.35901762	1.68995365	1.86679561	2.06885777	2.3784854
2.06848343	1.81741419	1.93182686	2.2409156	2.26361916	2.21492844	2.37545847
2.3585596	2.1994952	2.26622723	2.76596986	3.10274144	2.96853641	2.82778445
1.81326547	2.03815021	1.97166648	0.65246144	0.99284345	1.69527401	1.44796959
2.59396513	2.79511601	2.8579764	2.15847008	2.52542051	2.55990754	2.77661415
1.55551135	1.73184439	1.77256053	0.38874904	0.93758221	0.83080212	0.89189184
2.33972863	2.00177715	2.25367047	2.85303768	2.8349184	2.94444803	3.13793959
0.4130466	0.19800996	0.24272652	0.79936652	0.87478991	0.65755023	0.83954382
2.95317892	2.69777394	2.87281669	3.65909459	3.70266379	3.59121315	3.82732386
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11745512	0.10385353	0.10991534	0.16938286	0.23699931	0.59359386	0.52427805
1.00E-04	1.00E-04	0.02298049	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00629665	0.00596341	1.00E-04	1.00E-04	0.06341008	1.00E-04
0.0752487	0.0872326	0.06659172	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2020943	0.26509229	0.23722716	0.29367583	0.84370946	0.56861063	0.79596568
1.00E-04	0.08371564	0.00666942	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00365693	0.00531039	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00610641	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00670886	1.00E-04	1.00E-04	1.00E-04	0.1863891
1.00E-04	0.0076952	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00686073	0.00724296	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15135755	0.05916295	0.08770917	1.00E-04	1.00E-04	0.0886303	0.52863806
0.03414598	0.04047497	0.06380262	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01169284	0.02354891	1.00E-04	1.00E-04	0.0573418	1.00E-04
0.07159825	0.15469747	0.07165077	0.17057044	1.00E-04	1.00E-04	1.00E-04
0.18669753	0.17700728	0.21466268	1.00E-04	0.186346	0.61994045	0.6977325
0.15491097	0.10314289	0.09737358	1.00E-04	1.00E-04	1.00E-04	0.09917521
1.00E-04	0.0287744	0.03729995	0.06245449	0.11406858	0.07947163	1.00E-04
1.00E-04	0.03909773	0.04606785	0.17861099	0.15100469	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0681888	0.06862762	0.09158694	0.35007602	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.01434392	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00368788	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00475361	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01049234	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02572727	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00739911	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07171391	0.02942087	0.02041323	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.10196998	0.01682514	1.00E-04	1.00E-04	0.0312211	1.00E-04
1.00E-04	1.00E-04	0.00965755	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02515947	0.0649521	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01900391	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1670359	0.10043512	0.08585933	1.00E-04	1.00E-04	0.07992452	1.00E-04
0.12972439	0.00695646	0.0753216	1.00E-04	0.15278201	0.31117449	0.51777598
1.00E-04	0.02177048	0.02578718	1.00E-04	1.00E-04	0.23385522	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06430609	0.23559612	0.27504357	0.52303264	0.43923718	0.71737054	0.99099332
0.13812817	0.17555465	0.11495022	1.00E-04	1.00E-04	0.13795247	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2290034	0.30068181	0.28112219	0.22720983	0.13408673	0.06213784	0.40727061
1.00E-04	0.00730656	0.01102397	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02136524	0.01450851	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02054486	0.01575153	1.00E-04	1.00E-04	1.00E-04	0.14978831
1.00E-04	0.00921147	0.04695949	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35635704	0.17268868	0.26228336	0.140637	1.00E-04	0.05996598	1.00E-04
1.00E-04	0.03678774	0.0349116	1.00E-04	0.21390708	1.00E-04	1.00E-04
1.00E-04	0.00666082	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14263518	0.19261835	0.24495175	0.46013805	0.63096535	0.38459587	1.00267783
0.04503766	0.06614777	0.00534824	1.00E-04	1.00E-04	0.08030139	0.17551636
0.03027308	0.05984885	1.00E-04	0.26357792	1.00E-04	0.09755291	0.14934418
1.00E-04	0.04977143	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01137508	0.00681781	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13715332	0.11806166	0.1157436	1.00E-04	0.257337	0.07658702	0.2231334
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98140039	0.81373037	0.62398547	0.28117439	0.78977633	0.7514025	0.81525384
0.15224176	0.11663871	0.09515462	0.09861233	0.16650291	0.17650118	0.21815227
0.15708371	0.11968136	0.07489395	0.38794801	0.15212381	0.04558242	0.3433504
1.00E-04	0.02734371	0.04419868	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44582486	0.46769989	0.32904864	0.10480634	1.00E-04	0.10294608	0.07273425
0.15463602	0.21822739	0.20911641	1.00E-04	0.29872307	0.47265569	0.07494193
0.05853061	0.07407893	0.05980836	1.00E-04	0.10558522	0.14026945	0.40513084
1.00E-04	0.00772777	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.44810182	0.55579354	0.51281653	0.47960479	0.36477856	0.5269163	0.75241639
0.02059004	0.02578294	0.0181441	1.00E-04	1.00E-04	1.00E-04	0.2997053
0.10630446	0.15276483	0.11478356	1.00E-04	1.00E-04	0.22428073	0.25386003
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01027579	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05925379	0.03717402	1.00E-04	1.00E-04	0.14990903	0.13860188
1.00E-04	0.05700067	0.04659112	1.00E-04	1.00E-04	0.06738813	1.00E-04
0.02842069	0.01930345	1.00E-04	1.00E-04	1.00E-04	0.05256446	1.00E-04
1.00E-04	0.01592429	1.00E-04	1.00E-04	1.00E-04	0.06168777	1.00E-04
1.00E-04	0.0107557	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0211799	0.02871844	1.00E-04	1.00E-04	0.10461806	1.00E-04
1.00E-04	1.00E-04	0.01779167	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.05753158	0.00548694	0.01916818	1.00E-04	1.00E-04	1.00E-04	0.14796535
0.07459987	0.06823039	0.03700469	0.25351036	1.00E-04	1.00E-04	0.14546262
0.60609483	0.77862811	0.66694401	0.37949214	0.3675551	0.42602552	0.75935699
0.02147788	0.02954009	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04406628	0.13262215	0.16578615	0.2124051	1.00E-04	0.12508557	0.10430452
1.00E-04	0.00705732	0.00877541	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07730082	0.16888482	0.06512647	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07681201	0.03074549	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06200612	0.06516192	0.06623568	1.00E-04	1.00E-04	0.13897423	0.17371761
0.09087342	0.21374552	0.245003	1.00E-04	0.23562294	0.48183415	0.07186085
0.18487656	0.07599933	0.07923856	0.15889884	1.00E-04	0.12825696	0.41782121
1.00E-04	0.03300655	0.02411098	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04071475	0.0241482	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04077187	0.04570626	0.02033718	0.2404604	1.00E-04	0.10183975	0.0883961
1.00E-04	0.01243565	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01351024	0.00410995	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02397728	0.02515319	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.03659214	0.04873755	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0206392	0.00606913	1.00E-04	1.00E-04	1.00E-04	0.05985103
1.00E-04	0.02111806	0.00583144	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00482546	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04419024	0.04573813	0.03803118	1.00E-04	1.00E-04	0.06936808	0.10954998
1.00E-04	0.01334783	0.0287614	1.00E-04	0.11036864	0.23557426	0.12313453
0.02409936	0.12702271	0.12930457	1.00E-04	1.00E-04	0.09810731	1.00E-04
1.00E-04	0.04237959	0.01434486	1.00E-04	1.00E-04	0.1919631	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28269096	0.21629172	0.26817387	0.39791076	0.06590434	0.40240735	0.81139691

1.00E-04	1.00E-04	0.01492412	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00714644	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00771241	0.00657582	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23483576	0.23886352	0.43670064	1.00E-04	0.21788165	0.25748049	0.30600895
1.00E-04	0.11150881	0.17941156	1.00E-04	1.00E-04	0.10778822	1.00E-04
1.00E-04	1.00E-04	0.02226064	1.00E-04	0.10384639	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00499722	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03221189	0.04062974	0.01473337	1.00E-04	0.23449978	1.00E-04	1.00E-04
1.00E-04	0.02517108	0.00612901	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03980074	0.11974749	0.02735571	0.08519544	0.1174113	0.29012171	0.2408448
0.31274912	0.08016572	0.11122947	1.00E-04	1.00E-04	1.00E-04	0.08309055
0.20186074	0.12439564	0.17466543	0.27868519	0.27234879	0.03351542	0.06246613
0.23079082	0.23941584	0.14663413	0.67758545	1.00E-04	0.0966337	0.07951602
0.26098995	0.17393715	0.31069519	0.2875937	0.11248242	0.24920618	1.05571561
0.1698795	0.3295979	0.22738968	0.16691144	0.27346601	0.46256959	0.47722954
0.03428049	0.08678332	0.04260059	0.22806165	1.00E-04	1.00E-04	1.00E-04
0.45378707	0.5323448	0.40968139	0.16875998	0.36855985	0.39579852	0.6755055
1.00E-04	0.00854369	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22296225	0.16774893	0.1518818	1.00E-04	0.41409951	0.28441435	0.19039922
1.00E-04	0.01230521	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00528509	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08140451
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18037603
1.00E-04	0.00529908	1.00E-04	1.00E-04	0.39812045	1.00E-04	1.00E-04
1.00E-04	0.03298493	0.01920142	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01217893	0.02453371	0.03488762	1.00E-04	0.15476935	0.0881062	1.00E-04
0.08591684	0.01569377	0.04016612	1.00E-04	1.00E-04	1.00E-04	0.05279952
0.13595096	0.05995822	0.0405924	0.19783354	0.17451109	1.00E-04	0.0724953
1.00E-04	0.05535343	0.02554832	0.33801396	0.11128536	0.15611987	0.20151726
0.08127699	0.22299656	0.20655685	0.16691144	1.00E-04	0.18701528	1.00E-04
0.1046679	0.16800577	0.05575278	1.00E-04	1.00E-04	0.13068149	0.24782502
0.02449094	0.05556887	0.01043491	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09253659	0.06838757	0.11853959	0.23264109	0.07273092	1.00E-04	0.24249698
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01036402	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00324102	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01588608	0.02402328	1.00E-04	1.00E-04	1.00E-04	0.22969054
1.00E-04	0.06092424	0.10392088	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00745264	0.0217991	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02084013	1.00E-04	1.00E-04	0.09090364	1.00E-04

1.00E-04	0.02279484	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.01912658	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.94969455	3.13922781	3.32106549	2.88450651	3.17402483	3.09000162	3.14190516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22155635	0.19488999	0.17419423	0.42538986	0.36127764	0.43373893	0.11096236
1.00E-04	0.01316676	0.00800343	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06122464	0.09922375	0.05469678	1.00E-04	1.00E-04	0.11907805	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00927645	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.02865323	0.03297758	1.00E-04	1.00E-04	1.00E-04	0.23355948
0.02413088	0.02826864	0.01353496	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11326448	0.03963912	0.05213453	1.00E-04	0.2039557	0.12269375	0.13736026
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11292126	0.15020052	0.09148007	0.43665778	1.00E-04	0.03976169	0.17614344
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0085031	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.03205518	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.00332034	0.00970328	1.00E-04	0.20572159	1.00E-04	0.0747832
2.85327447	2.77062999	2.85411551	2.91905018	3.36530477	3.47997719	3.52433917
0.02627989	0.12473479	0.16060015	1.00E-04	1.00E-04	0.3097433	0.42049069
0.02922569	0.02919236	0.02522111	1.00E-04	0.25734241	0.25483018	0.34948805
2.72621499	2.18890091	2.50478884	3.43479766	3.85846507	3.5764166	3.95837491
0.36805505	0.06197455	0.16846073	2.00725136	2.28235239	1.78906686	1.66288848
0.44649751	0.32684764	0.5061839	0.66162161	1.10717028	1.03755039	1.03907312
4.74571347	4.10644939	4.32030106	5.05836407	5.28899002	5.27561575	5.3202473
0.82548052	0.48805271	0.62926909	1.17115622	1.05735721	1.49450442	1.21966851
0.02814666	1.00E-04	0.00624783	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69335847	0.81933201	1.29655314	0.14194619	0.50696036	0.09907867	0.5484207
0.15857391	0.02042991	0.01471858	1.00E-04	0.16205384	0.03709061	0.15159163
0.89604651	0.69484417	0.59628396	0.31125597	0.6611557	0.16831593	0.80210253
4.2573243	3.481581	3.60174217	1.34708849	1.34712161	1.90941147	1.80743198
1.29690305	1.18088067	1.11563668	1.39076501	1.02730877	0.52050394	1.01053243
2.30675533	1.87588708	2.16423982	0.64533092	0.70012739	0.3849705	0.94618975
0.12170934	0.08011658	0.05881112	1.00E-04	0.4636364	0.06562629	0.0724953
3.92469807	3.46833789	3.42738534	1.47140789	1.56140848	1.37392369	1.89703051
5.20145985	4.60301121	4.72462378	5.57431456	5.95292369	5.83275458	5.81822561
1.00E-04	0.07735768	0.01876167	1.56216593	0.8573805	1.44321973	1.30500144
6.4239432	5.50565094	5.79742318	6.24925599	6.32225571	6.30106652	6.51598841
1.06241387	1.24554801	1.20993501	0.61331585	0.67466149	1.05609964	0.78554657
1.56828213	0.92583956	1.24071344	0.42069494	0.48511227	0.1956962	0.34916058

4.76514107	5.17826717	5.18466983	4.10372306	4.43365757	4.63345917	4.80725639
0.15687892	0.13894802	0.11844278	0.20704678	1.00E-04	0.27745072	1.00E-04
2.41728128	2.61078397	2.85880678	0.86372648	0.95559464	1.20921899	0.98563611
0.09640074	0.03476819	0.05418112	1.00E-04	1.00E-04	0.19708991	1.00E-04
1.00E-04	1.00E-04	0.10581513	1.00E-04	0.07273092	1.00E-04	0.16799189
4.09274779	3.60706877	3.84123014	4.6723694	4.85399912	4.68117077	4.76510885
1.93461361	1.45004409	1.62179734	2.15266383	2.51500126	2.57139798	2.7956094
2.45528277	2.58134418	2.69345845	1.96315231	2.44771883	2.49065882	2.35438312
1.54313493	2.00966869	1.62069407	0.37535308	0.65548811	0.93213519	1.07685836
2.29710325	1.8486474	2.2218954	1.00E-04	1.26502677	0.76493924	1.04597565
2.92706813	2.38684798	2.67407096	3.43203721	3.64473279	3.58646675	3.67752949
2.93336761	2.81262669	2.94576255	3.06009342	3.45972777	3.26918741	3.34798706
4.11315674	3.58098604	3.78877255	4.98140999	5.14284101	5.26826762	5.22325023
4.67284106	3.96865054	4.1992786	4.58747686	4.91425809	4.74073042	4.79298939
4.37201356	4.36227883	4.61534255	4.05926227	4.1450784	4.46969452	4.58010191
2.8674695	3.09444762	3.16055971	2.74240778	2.90221844	3.22632978	3.49558135
1.74966156	1.66266182	1.86999876	1.72254453	1.80897909	1.82190979	1.7659474
3.29814486	3.07008133	3.18779932	3.57809692	3.98233023	3.68710335	3.8481615
2.71355155	3.09430835	2.9828684	1.31476159	1.61021397	2.25912374	2.27686945
2.31301978	2.23592049	2.44764673	3.78863354	3.86652613	4.23723738	4.21836712
2.96459577	3.251663	3.2076808	2.70379141	2.81763304	2.79918218	2.91976236
4.29484545	4.06691438	4.10460215	4.43017513	4.7477131	4.69355538	4.71151309
2.80581283	2.26400741	2.5128618	2.80885544	2.95576206	2.96201881	3.22438901
0.1382441	0.03953873	0.07664385	1.00E-04	0.23207955	0.11018026	1.00E-04
0.15542704	0.1832813	0.20340622	1.00E-04	0.2414518	0.30575311	1.00E-04
0.42999431	0.34364543	0.36006972	0.75681863	1.25092859	1.08296915	0.98094001
2.67030575	2.36457818	2.53799789	3.33158991	3.55999391	3.66686073	3.55162167
1.97955441	0.6323007	0.90818615	3.73494669	3.96401972	3.47168585	4.04194395
0.12202703	0.05558971	0.02108685	0.53462683	0.25402109	0.1494237	0.49523428
2.56316017	2.36857918	2.11742272	0.30777982	0.67683219	0.63086615	0.56344347
0.33858245	0.04735837	0.09919743	1.00E-04	0.12007517	0.22898081	0.11052913
0.07324613	0.04170349	0.0994227	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.65502414	2.83738801	2.90195685	2.28616944	2.98308151	3.18708501	3.16411765
2.50004989	2.04216676	2.20387671	3.71302683	3.58511882	3.36615926	3.51245598
3.28115401	3.45276953	3.51851628	3.24641837	3.48817565	3.51824119	3.75467987
0.41158782	0.25851099	0.32575696	0.7140746	0.52308114	0.88654792	0.77891097
1.2926191	1.58991689	1.41082087	0.74789181	2.88917023	3.11628633	2.60067193
0.17978354	0.09999065	0.08661388	1.00E-04	0.28853356	0.17780775	0.17695643
0.05619254	0.01291064	1.00E-04	1.00E-04	1.00E-04	0.0475641	1.00E-04
0.63443418	0.48265861	0.62301635	1.00E-04	1.32401875	1.5397396	1.64152586
0.83281249	0.31950683	0.60964932	1.81384263	1.71066111	1.62169521	1.46493974
5.17340074	4.87016359	4.92956807	4.4268242	4.36784293	4.30346902	4.49089807
0.91360638	0.57165742	0.70064516	1.23559547	1.44894106	1.44483903	1.24696214

0.10809553	0.1013042	0.12527335	1.00E-04	1.00E-04	0.29248453	0.15424459
2.04196509	2.02694477	2.05836137	1.30359379	1.74306268	1.53880859	1.86189684
1.44280223	1.43704242	2.17894677	0.47968653	0.69387856	0.79720257	1.00788523
0.66306332	0.62264352	0.45415317	0.91134603	1.49838341	1.73263991	1.18282768
0.27565132	0.41702659	0.65326039	2.42296592	2.22777357	2.47918888	2.93958434
2.81282894	2.57080113	2.85334673	2.17829202	2.92997683	2.82701225	2.85871065
3.24128592	3.3398393	3.40274799	1.1951954	2.169094	2.47911373	2.47806745
0.34325033	0.60599714	0.81869773	2.53346272	2.10555555	2.28684152	2.3534779
2.58474162	2.59268244	3.0299507	0.34402578	1.08335663	0.49577766	0.90706146
3.56567311	3.76454274	3.77060467	1.35905369	2.19081913	2.39640352	1.97237847
1.49253643	1.16275999	1.71064566	4.86389334	5.05803985	5.2327161	5.23350305
0.76760672	0.76125633	0.72548429	0.21259057	1.50120409	1.94977911	1.8410645
0.22717415	0.10842962	0.20513258	1.00E-04	1.00E-04	0.04342468	1.00E-04
0.03163306	0.08131019	0.07488366	0.27418929	0.52700839	0.67240395	0.22934662
0.49172587	0.18188394	0.27878808	1.57411651	1.58590352	1.28180783	1.5390006
6.01290359	6.77447028	6.73592059	2.94695207	3.4324932	4.73517448	4.49143927
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.51957397	2.90292276	3.03865867	3.93294615	4.13964981	3.8102071	3.68902382
2.9927994	3.28203537	3.27322507	2.9505412	3.18410536	3.52691034	3.47211429
2.17178166	2.09398362	2.15793622	2.98530878	3.09004357	2.9511283	3.20115638
1.63156856	1.52956074	1.55192608	2.03260898	2.22209311	2.06645941	2.3165105
3.98497577	3.56267566	3.63123144	2.26707966	3.05403769	2.99346919	2.91691512
1.00E-04	0.00367382	0.01180342	1.00E-04	1.00E-04	0.11721464	0.24958514
2.61866143	2.61542228	2.6719224	2.00701722	2.38581932	2.27206	2.48404766
2.38458783	2.73583147	2.77871396	1.57175028	1.93727703	2.18373823	2.43447544
2.86800768	3.09035172	3.04779069	1.15398166	1.16281518	1.96727877	1.86039526
2.75622988	3.10072498	2.97349402	1.93605654	2.18370558	2.43258764	2.59115802
1.00E-04	0.09921971	0.05075918	1.00E-04	1.00E-04	0.04559985	1.00E-04
0.39777688	0.0910663	0.09606446	0.22359125	0.62099361	0.47461544	0.17573996
0.5862982	0.37002637	0.59878235	0.32049599	0.35761857	0.59718298	1.12284059
0.07723268	0.28881004	0.28983517	1.00E-04	0.18231556	0.03148069	1.00E-04
2.39573494	2.63614094	2.84776305	0.65512274	1.21027946	2.09220518	1.88418216
2.92134421	3.18629737	3.18591588	1.29795362	2.293517	2.57752406	2.70030783
0.98843946	1.04243814	1.30829282	0.21759623	0.80092811	0.72081152	0.83092011
2.40193393	2.20211106	2.54238391	2.3742745	2.46428303	2.6134087	2.60964754
2.10149739	1.85102724	2.26238288	2.49569071	3.10230359	3.65520097	3.59929427
0.35762967	0.26919114	0.28654062	0.36920661	1.15614196	0.81629664	0.94772797
4.09869836	3.54052267	3.67023196	4.54638447	4.90307861	4.76684349	4.67407838
3.87540121	3.9101328	3.90580581	3.54165582	3.73057913	3.79442021	3.98734718
2.17054471	2.16572775	2.31763595	2.78994172	2.58332769	2.74643953	2.84263142
4.01655681	3.62215797	3.7676628	5.02033453	5.12434079	5.24294543	5.35270956
3.23223245	3.21889212	3.32200966	3.96439564	4.2850927	4.34127341	4.46564106
0.98307309	0.44093402	0.65789765	0.71529927	1.4352712	1.33266132	1.21239143

4.90353003	4.3800405	4.52762107	5.36394916	5.62632811	5.57852292	5.52878506
4.16652694	3.73269293	3.83775848	4.43088424	4.82331188	4.95810302	4.94702723
3.07890601	2.53165267	2.63783687	2.20007868	2.8627522	2.82532293	2.78996044
1.62957153	1.28878167	1.4665756	2.84974287	3.1295484	3.12178794	3.14197248
0.57165433	0.75436221	0.75158627	0.8325616	0.27293183	0.05989068	0.44517451
2.92126171	2.31782779	2.49895541	2.44012721	2.74612677	2.42988632	2.3775395
0.87465293	0.8178497	0.99391982	1.47560614	2.16547508	2.36031403	2.71137304
0.18857849	0.12430991	0.10592972	0.1972111	0.87009177	0.59157041	0.65650694
1.43549094	0.96046816	1.03333717	1.13588395	1.80959907	1.83890365	2.00257867
0.62425577	0.53725641	0.53402145	0.72676785	1.18373212	1.18434847	1.1546641
3.87205376	3.42246828	3.52723343	4.20566999	4.55214829	4.42170271	4.32079204
2.42865197	1.93687769	2.27751966	2.17794709	2.70864799	2.38760435	1.91014043
0.85427216	0.26206581	0.51299982	0.54278936	1.53007727	1.07318354	1.21966054
4.50906395	4.44078339	4.64315029	4.3870108	4.65502726	4.67342234	4.50166678
0.76620858	0.8917979	1.00888527	1.00E-04	0.65627966	0.78099073	0.83025137
0.77235392	0.84893524	0.93368764	1.00E-04	0.60209603	0.93099456	1.04193512
2.68563518	2.58172324	2.72690811	3.01628801	2.86774115	2.90781261	3.09505339
2.51770394	2.73914073	2.75473331	2.17294847	2.39748382	2.67122767	2.93614497
3.08819616	2.88498978	2.95595115	3.75846948	3.99226929	3.85014083	4.02614497
0.28047739	0.056647	0.15050523	0.49955192	0.49545555	0.36826887	0.41936226
0.7866489	0.29874529	0.38631404	1.58154913	1.73619532	1.1305275	1.28669056
4.41866426	4.20503237	4.37350117	4.6235486	4.77503501	4.8582547	4.9022165
2.05572696	1.95526427	2.02287499	3.00263415	3.169626	3.1727385	3.35896956
0.88921906	0.39013876	0.40896395	0.78389956	1.63462369	1.06126305	1.38686343
5.08707136	4.81291151	4.69575376	4.24270201	4.59846146	4.39171055	4.54963729
4.55031497	4.06193368	4.32174696	6.64851207	6.8917905	6.84218929	6.71449603
2.3572478	2.22304155	2.34572117	2.16696153	2.52662504	2.36304345	2.65937028
2.31220194	2.45313627	2.52320826	1.87890568	2.57027463	2.79743818	2.84171888
0.82707016	0.30706473	0.21113419	0.47123318	1.48745321	0.74662436	1.1185845
5.28815009	4.69345628	4.79845317	4.90232643	5.03358182	4.82813288	4.67285636
4.58744341	4.07657831	4.20046373	2.85661852	3.06230023	2.86960271	3.02592287
1.89799625	1.77151894	1.95733127	0.50916922	1.02817601	0.74692695	1.48996823
0.18049648	0.13180262	0.1716314	0.12912625	0.68235943	0.87189306	0.16374176
1.00E-04	0.04520402	0.01890274	0.11488395	0.21331829	0.22749477	0.32126481
2.10195901	1.84491704	2.00487394	1.94332088	2.06247681	2.15395309	2.08321227
3.62527288	3.60506266	3.69532522	4.02758423	4.33859844	4.54823095	4.48847139
2.87296313	2.74774519	2.81842256	2.12178532	2.39370452	2.19906787	2.65813917
3.06505908	2.75535225	2.81716519	3.35919139	3.62113679	3.50311377	3.45954644
2.28456003	2.36733458	2.47552401	1.9859214	2.70670422	2.7510774	2.71806648
0.69859018	0.66579817	0.79496545	1.64176701	1.93272697	1.78009589	2.01227237
3.54129468	3.55710658	3.29585724	2.787092	3.02254985	2.87173984	2.82310042
2.01702695	1.88676659	1.93639823	1.52219747	1.7765646	1.65552946	2.08923492
2.88667522	3.42544035	3.12738204	1.99341041	1.69969865	2.28224074	2.07824006

3.16083525	2.42988426	2.57902159	3.26414165	3.45462671	3.18916454	3.32006665
2.33663444	2.54560753	2.66273113	1.70258341	1.59579287	2.1872493	2.06438509
1.00E-04	0.00948944	1.00E-04	1.00E-04	1.00E-04	0.14702319	0.0537314
3.0828208	2.53100131	2.82585669	3.54255494	3.98210849	3.53663954	3.73299678
2.50435276	2.13154526	2.37332096	2.68035136	3.05802585	2.75283123	3.07762349
4.30441076	3.43754916	3.48461804	4.58158375	4.87054615	4.75202735	4.49641348
0.15690344	0.21617531	0.2664822	1.00E-04	0.53660597	0.66457627	0.43261037
1.1847876	0.38187787	0.58381551	2.58540592	2.51129298	1.9859082	2.48268235
1.00E-04	0.00227404	1.00E-04	1.00E-04	0.10960684	0.08946181	1.00E-04
0.83488534	0.73310052	0.83307742	1.05055785	1.64227163	1.82916792	2.06936721
0.99047183	0.74118982	0.85037429	0.52913956	1.29205257	1.07607068	0.93089107
1.00E-04	0.00681702	0.01860413	1.00E-04	0.09484321	1.00E-04	1.00E-04
1.34234821	1.06183506	1.41077946	1.37412119	1.8256394	1.88281865	2.13203641
0.29605368	0.17279146	0.21365177	0.21146114	1.00E-04	0.51973757	0.41799185
1.85065558	1.33889368	1.60862816	1.35480761	2.04731249	1.34623269	1.28027193
2.91274654	2.43429412	2.69030519	2.13810031	2.26853994	2.25176005	2.39661267
0.61043585	0.23353369	0.50135026	3.23164206	2.95987062	2.39667558	2.83325752
3.93639826	4.05616809	4.20505383	2.4510217	3.40115789	3.89948743	3.99491218
5.74511756	6.45455884	6.25671038	3.53065222	4.03672958	4.88338663	4.66587411
0.02961794	0.00852082	0.01552414	1.00E-04	1.00E-04	0.2258831	1.00E-04
1.02741273	1.07032399	1.18418079	2.66897756	2.93466088	3.2307252	3.55123132
0.4926282	0.11605684	0.1956514	0.91981052	0.78943225	0.64332535	0.49855626
4.39547371	5.11189233	5.06077584	3.01851558	3.15101708	3.93592484	3.96487407
0.50054984	0.41692496	0.74675809	0.34118635	1.26012453	1.72437139	1.67857289
0.15824818	0.16565693	0.11925689	1.00E-04	1.00E-04	0.02844377	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.51054789	3.85795093	3.65356335	2.80521274	3.26619035	3.61149188	3.68025265
4.66539526	4.57148707	4.76410486	1.95118569	2.12274175	2.4689514	2.53751667
2.3278263	2.03966409	2.22969764	2.177271	2.38224569	2.30256854	2.48180953
1.38120986	1.16357339	1.31468317	2.05498998	1.73326963	1.95177312	2.06884818
1.96432511	2.22922455	2.22063187	1.09492242	2.03673336	1.77581478	2.19137694
3.52455814	3.48536367	3.60489837	3.289117	3.77735286	3.49529797	3.52432946
3.71771578	3.08754575	3.34643373	4.23238489	4.45452189	4.22485073	4.39643318
2.76770186	2.45697841	2.65143947	2.3158009	3.12727009	2.98318465	3.01792763
2.09788586	1.7245821	2.092496	2.55259296	2.87932804	2.83712047	3.21746237
2.06774179	1.92373783	2.015501	2.79174145	2.97849885	2.81725466	2.77634601
3.80999648	4.3616271	4.24467064	1.72621317	2.47959996	2.99264541	3.0073728
2.30222987	1.88172249	2.03443275	2.04677215	2.03607045	1.80167677	1.72305551
1.00E-04	0.00464893	0.00676906	1.00E-04	1.00E-04	1.00E-04	0.09015708
3.27709427	3.68208051	2.22615975	0.65896072	1.70521506	1.78067979	1.66366411
1.21714313	0.78756751	1.03904567	2.70029022	3.26026388	3.10743559	2.97775104
5.73153433	5.19567051	5.1541058	5.05166987	5.48068179	5.37288114	5.14726805
1.19231993	1.652631	1.63986357	1.00E-04	1.00E-04	0.20380942	0.27309682

2.40116759	2.6139302	2.58536152	0.92710448	1.61214733	2.04366939	2.12471605
4.08671248	3.67331443	3.81921849	3.28947069	2.96765634	3.01776239	2.83998345
1.36358745	1.35726606	1.51925161	1.29281183	1.78116358	1.81093125	1.94937803
4.57591644	3.99508802	4.29112802	5.31228538	5.57465244	5.55205218	5.44211548
4.94856688	4.52639951	4.72868585	4.94214833	5.15213693	5.06216741	5.09097839
0.93921668	0.8370637	1.16358419	1.03448497	1.29916072	1.56281519	1.71348091
3.72191356	3.48505033	3.68786489	3.44899889	4.12705703	4.26959368	4.26129902
2.66247534	2.39347889	2.56079367	2.71833129	2.92911876	3.11635591	3.13702678
0.1123547	0.09397974	0.02854377	1.00E-04	1.00E-04	0.12354838	0.25379918
1.51307118	1.79163363	1.44519787	1.00E-04	1.00E-04	0.23700923	0.16354821
2.93811259	3.09206644	3.11564992	1.97278399	2.28517465	2.64605095	2.62431858
1.59048397	1.26299984	1.50355687	1.48521671	1.90280866	1.44024635	1.58774013
2.68279247	2.52484096	2.56231004	1.18644311	2.07149114	1.98856001	1.66824999
1.14292292	0.68831123	0.82628015	3.83976423	4.15799465	3.63284362	3.69182101
3.66227342	3.53143532	3.61718579	3.19885803	3.65334929	3.68744154	3.63770775
0.27189477	0.16764705	0.27061979	0.71387397	0.59832091	0.79953875	1.48027602
3.4341579	3.15008445	3.27167476	4.19964135	4.50390602	4.37694388	4.28726264
6.88923723	7.25369606	7.22292597	3.88830371	4.48593942	5.44143714	5.0370752
3.46915986	4.00622132	3.98250277	2.23003057	2.7299755	3.00666265	2.94017945
4.06141537	3.6817575	3.82123981	4.44635306	4.70348249	4.59654687	4.65334771
3.71992447	3.58553514	3.63689151	2.99465861	3.46460306	3.60871744	3.46610002
3.15909033	3.39467421	3.41727915	3.19562581	3.47641918	3.62062255	3.82797498
3.81638136	3.63924744	3.60145873	3.31620529	3.38625907	3.48393468	3.44941541
3.90384649	4.40847563	4.45180013	1.3360705	1.96881744	2.89070479	2.69609371
0.38304513	0.20293371	0.11891961	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92319492	2.19288818	2.1583182	1.88487308	1.97810168	2.22874042	2.35415549
0.3723789	0.08781129	0.07950134	1.00E-04	1.00E-04	0.15323982	0.17981294
3.21064738	3.42497255	3.36658955	2.19293522	2.17814801	2.8740025	2.95391889
6.58609259	6.9081835	6.80717481	5.04075831	5.52574964	5.58318623	5.81737173
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2.21988822	2.43952786	2.45333657	1.6859085	2.22074032	2.26438538	2.52812203
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2.48558209	2.46383424	2.64183646	2.84366305	3.10607031	2.98934077	3.17331816
0.89660915	0.32496429	0.48961743	1.87574743	1.82326134	1.46573405	1.58343804
3.46649805	3.311989	3.40278627	3.20548275	3.63579184	3.4182235	3.58880074
2.05848372	2.97300467	2.35521731	0.13456143	0.59484922	1.34363322	1.04808319
0.01642996	0.01714181	0.02296356	1.00E-04	0.24319396	1.00E-04	1.00E-04
0.12814234	0.1084303	0.23998946	0.47436622	0.31026525	0.28387418	0.20627176
6.10211367	6.88221689	6.79892601	2.61514677	2.93529609	4.48683795	3.75281872
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0.40884134	0.47334519	0.50314	0.20207559	0.03224663	0.35895348	0.41625588
3.10874273	3.1640662	3.13299358	3.07264449	3.26143776	3.29561639	3.33171927
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2.21916484	1.48045452	1.80679021	1.25266995	1.19644538	1.01567678	1.12198237
3.64303814	3.99889952	3.41767532	2.46967215	2.88891288	3.11891939	2.71204973
2.69184919	2.63055197	2.77245437	0.27637039	0.66237537	0.88930654	1.07667745
3.5980858	3.62518791	3.68316208	3.40051725	3.67010286	3.70685343	3.70850578
3.9494428	3.86021192	4.00699304	4.24791226	4.32395239	4.36704011	4.45992187
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3.9878461	3.7120563	3.81040547	4.12792864	4.25867978	4.2145788	4.36747289
0.79368924	0.50752949	0.76387172	4.69384711	4.93746246	4.62713747	4.74919091
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6.48931388	6.46133368	6.42032252	4.31880613	4.78090549	5.35711158	5.41151386
0.35366303	0.83944643	1.33572962	1.00E-04	0.1758733	0.27516454	1.00E-04
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3.49410406	3.36799337	3.35770989	3.12172822	3.0981611	3.28617057	3.34200394
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0.22770866	0.12716495	0.11792217	1.00E-04	1.00E-04	0.18122156	0.2362073
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3.07696557	3.43220997	3.40081423	1.68725871	2.38059441	2.76026496	2.61574091
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3.56839749	3.03131707	3.39952547	3.57850214	4.06052042	4.07193467	3.90617581
0.08710285	0.02407534	0.03203835	0.12228952	1.00E-04	1.00E-04	1.00E-04
0.68871552	0.50847534	0.36044948	0.39241374	0.70294342	0.94369798	0.23322
5.00251791	4.64266887	4.78498908	4.92688694	5.32686891	5.22433468	5.28424643
3.39578696	3.68245824	3.52822825	2.60449767	2.63419743	2.90916711	3.05371638
0.91886397	1.10568506	0.8531841	0.12588478	0.89347369	0.85511417	1.01214185
0.07589264	0.0127884	0.01030954	0.1682166	1.00E-04	1.00E-04	1.00E-04
4.22908617	4.26835747	4.32820879	3.62027164	4.04982418	4.14978941	4.14033986
3.72031647	3.73853443	3.85959257	3.70587227	3.81051818	3.93919736	4.04552245
4.79113111	4.43445079	4.69531538	4.56686211	4.86110157	4.89891966	5.00719525
3.27468791	3.0016419	3.09665083	3.39061827	3.77025475	3.77836425	3.9554532
4.93136272	4.40374058	4.49722063	5.10483326	5.42530042	5.30727219	5.26146055
2.86965599	2.4732014	2.72287264	3.10436374	3.16363711	3.20000516	3.19728964
4.66559541	4.08953142	4.24701029	5.35656186	5.62676775	5.45244998	5.53062654
5.38888372	4.34809557	4.44232734	3.90068449	4.25713748	3.93612764	4.05225877
3.80055472	3.5865919	3.7536123	4.23726748	4.53277763	4.58500946	4.60515101
4.45044618	3.89926046	4.05525072	4.62172472	4.85406713	4.76765221	4.75993789
2.48719064	2.49524146	2.43365744	1.7928201	2.05933049	2.14806776	2.29154127
1.89892761	1.58013253	1.81312169	1.90802211	2.32016456	2.06122818	2.36575267
4.99194704	4.76153812	4.83983135	4.63624863	4.98632364	4.72572241	4.97532847
2.59751447	2.81020661	2.98379147	1.53010503	1.76860522	1.98291904	2.21874846
4.67079507	5.43177093	5.25609161	2.11217007	2.99088945	3.87687798	3.92736586
2.34287698	2.53300279	2.45491249	1.31394287	2.27236125	2.15632755	2.37538032
2.25400604	2.40486596	2.46926052	1.90383121	2.08566188	2.38929469	2.41694872
3.84314768	3.74219568	3.93139168	3.56923876	3.90360063	3.82577904	3.75531749
3.53092898	3.23859752	3.36691314	3.80585102	4.14868874	4.15761188	4.1576295
2.36819751	1.98082099	2.24454135	3.09394866	3.324154	3.09297967	3.32330878
4.2215214	3.82889389	3.97159727	4.5128442	4.74937231	4.66364853	4.68771782
3.98708537	3.85491158	3.92999656	3.98047536	4.16593023	4.20135257	4.37107159
2.33984473	2.40803656	2.54330116	1.62453835	2.22008462	2.54470231	2.58138537
0.12057898	0.03436369	0.03436587	0.2568001	0.21229852	0.13681788	1.00E-04
2.35764248	2.12358274	2.32241075	1.96409872	2.51292185	2.28111681	2.43785834
2.29390113	0.95821686	1.29195038	1.27440578	1.88716032	1.27176016	1.72504588
4.53815677	3.97469043	4.12772858	5.24796575	5.63860035	5.55870824	5.51644039

4.9991263	4.42795284	4.53151925	5.20099694	5.49988957	5.48345874	5.45441243
5.34471689	4.47398536	4.6820789	5.44253832	5.81881138	5.68446953	5.59626579
4.42627982	3.86572816	3.9291512	4.79512419	4.98829308	4.78017943	4.72004845
5.34588304	4.68871249	4.79180941	5.61403163	5.79581167	5.68276461	5.64683273
2.7315594	2.62161621	2.77605724	2.66228374	3.05197026	3.1341275	3.07494274
3.230259	3.45300701	3.51240296	1.62298265	1.95673822	1.63019448	1.88863606
3.50886949	3.21016618	3.39648249	3.66464567	3.96109506	3.88381409	3.9522858
3.68945981	3.83617763	3.8870612	3.45139119	3.76902951	3.91900923	3.94829636
4.80327358	5.3473887	5.26727641	3.35958165	3.94014453	4.48244223	4.46175278
0.1828154	0.32405457	0.27360136	1.00E-04	0.5635799	0.90307454	1.26438454
1.7512105	1.35737436	1.43681336	1.74556086	1.56725666	1.57189808	1.52755838
3.43415093	3.08984414	3.17925632	3.43817432	3.76697533	3.75430523	3.74835255
3.65488988	3.35414805	3.53736257	3.54693146	3.73710543	3.82626419	3.79897899
4.9142591	5.08541762	5.10158136	4.28770009	4.75764212	4.82712681	4.8775824
3.13472862	3.45981041	3.4400766	2.40673683	2.62048846	2.53829277	2.86923935
3.66704084	3.32901076	3.58270536	4.39254968	4.64264685	4.63167934	4.75718355
2.26362505	2.49528257	2.46308929	0.88795199	1.05088758	1.40171835	1.64771267
0.65827954	0.0907187	0.22038596	0.07458157	0.52588199	0.5100232	1.00E-04
3.95981572	4.11654893	4.09605766	3.92841054	4.20721073	4.2335347	4.16940344
3.55531028	3.6795396	3.75020223	3.0913054	3.11002373	3.16890396	3.45071292
1.51756209	1.48761282	1.52635937	0.63571499	0.98107606	1.11840862	1.46004213
2.74428978	2.57728456	2.80249972	3.2067393	3.58697898	3.63626899	3.59685333
3.32752277	3.13966754	3.3313207	3.36451052	3.64935806	3.57682147	3.61571926
0.05940694	0.06087361	0.03708733	1.00E-04	1.00E-04	1.00E-04	0.07123741
1.17021427	1.12337717	1.26886032	0.31003743	0.52778107	0.78098511	0.84620118
1.00E-04	0.04854256	0.03411373	1.00E-04	1.00E-04	0.31449173	1.00E-04
4.57848543	4.64120032	4.87281259	2.79571125	3.16357468	3.41218371	3.50766777
0.46585541	0.22934588	0.27808222	0.95641295	1.21331339	0.90344351	0.82839918
4.0861611	3.8835526	4.05746634	3.94955394	4.43513357	4.45237952	4.43589513
4.21860674	4.79261501	4.78777574	2.89766193	3.17584064	3.66140277	3.69386359
3.90692449	3.87884969	3.88286504	3.74724758	3.77425421	3.80965955	3.85717072
3.49477567	3.47159677	3.6754913	3.06689555	3.70287352	3.76685954	3.93211895
3.72925081	4.0869486	4.06151878	2.6790124	3.27828067	3.47369747	3.6063519
2.19162391	1.97921892	2.0991005	2.50477248	2.91383578	3.00392673	3.09214565
3.0985665	2.75161494	2.93234396	3.73378967	4.12601116	4.06420522	4.00362114
2.7441178	2.93012395	3.02870746	1.68751602	2.3178943	2.34633501	2.41477299
3.86018216	3.44871206	3.60681795	4.42810675	4.69287105	4.57384572	4.62227728
0.61585185	0.52696939	0.52857478	0.33983468	1.32563122	1.57956259	1.17532747
3.97631973	4.09815767	4.1023945	3.3329926	3.84810897	4.06572584	4.06602109
0.05896103	0.01835467	0.09645599	1.00E-04	1.00E-04	0.2838335	0.07882364
0.09453821	0.00934625	0.05172055	1.00E-04	1.00E-04	0.22132083	0.16142975
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.01040412	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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0.05424902	0.01152605	0.06509948	1.00E-04	0.04395572	0.18702752	0.43879811
4.65371699	4.67564456	4.61288733	3.63217516	4.0635992	4.21958104	4.23489069
0.62609154	0.44044136	0.75531656	1.03928109	1.46100705	1.61317606	1.7198221
3.13578785	2.5249703	2.70081275	2.8749765	3.34296432	3.20379356	3.16045762
4.75196503	4.31634664	4.3761663	4.62647515	5.05515811	4.91548207	4.76918288
4.53438885	3.95352746	4.11402136	4.92551686	5.23861463	5.15739869	5.20963383
3.7986167	3.31466675	3.50464307	4.48483832	4.89705593	4.7114905	4.7844982
2.64403296	1.97804795	2.28632585	2.7147368	3.15409369	2.87625939	2.68509351
3.73899776	2.92719134	3.40511683	4.30244084	4.68940252	4.52259766	4.65123243
2.05833477	2.17554207	2.23670979	2.03794384	2.09599078	2.16669961	2.2979231
4.48253868	3.87430434	3.96977832	4.55020369	4.98218506	4.71240786	4.68358464
4.56788923	3.96207256	4.07974607	4.93596353	5.30541914	5.23638119	5.30150522
1.00E-04	1.00E-04	0.02046193	0.17053066	1.00E-04	1.00E-04	1.00E-04
0.25214263	0.12438581	0.36925866	1.00E-04	1.00E-04	1.00E-04	0.13784345
2.28255484	2.55787355	2.6294692	2.234353	2.6857068	2.81074749	3.07916896
2.65345234	3.1041452	2.97249536	0.91375466	1.53916669	2.03961844	2.18987871
0.99525289	1.26982325	1.30416399	1.0311978	1.4418656	1.73390373	1.73610525
0.2023611	0.2195958	0.21718257	0.7318498	0.56054706	0.52247948	0.4867002
4.56695169	3.93346453	4.11070679	1.72149799	2.31408888	1.72555734	2.04284741
0.38645313	0.29438894	0.20123618	0.32560499	1.01135621	0.74591688	0.75236118
3.62803582	3.6397687	3.60460634	3.37223714	3.65111551	3.52412325	3.76828216
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0.04813873	0.03713051	0.01762017	1.00E-04	0.17999898	0.30605787	0.59957451
3.63096835	3.88854025	3.88990404	2.21058164	2.68031421	3.1239422	3.09587585
0.488869	0.16987321	0.17318257	0.25770778	1.00E-04	0.05187842	0.49914719
0.49750315	0.6461603	0.649065	0.34930938	0.80852871	0.63820647	0.49981787
0.5641904	0.30140518	0.20930798	0.13394589	0.42746399	0.47862108	0.7404327
1.00E-04	0.01741511	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1072852
0.51045256	0.43588615	0.51391326	3.16162018	2.68040662	3.53323606	4.1482295
0.67755428	0.35154955	0.58929052	0.81677003	1.40790577	0.71521717	0.8658994
0.47445919	0.29796571	0.36814915	1.00E-04	0.03219824	0.29503835	0.28836466
0.25051799	0.02823921	0.04993568	0.23865145	0.3594612	0.2499194	0.3471308
4.89478083	4.49825455	4.6304361	2.45588446	3.00030831	3.07141084	3.10861693
1.11774989	1.03552502	1.15784022	0.73269655	1.14799315	1.04601786	1.4077087
3.11795329	2.66838576	2.91959866	3.50192812	3.8217382	3.45897099	3.72957163
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0.51604829	0.21294498	0.21509958	0.90434436	0.6424427	0.94059461	0.84601872
3.4199676	3.00959212	3.2570519	3.89345861	4.17554795	3.88595996	3.91796323
4.91106797	4.70351819	4.70836016	4.81212687	5.08268582	5.04069997	5.1400247
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0.14945677	0.01833099	0.01477826	0.21697333	0.11645446	0.16085349	0.57257996
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0.62647309	0.37705125	0.45782084	1.07722055	1.41450622	0.6817767	1.133275
0.03732522	0.08040477	0.0173251	1.00E-04	1.00E-04	0.17757902	0.31288537
3.80520889	4.04733649	3.84014034	3.21885772	3.54763589	3.35843442	3.47283938
1.00E-04	0.00378333	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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5.03581448	5.82143102	5.72910328	3.34028774	3.72711633	4.56420567	4.55418587
4.43951975	5.09682486	4.92121146	2.0115912	2.8051379	3.75848143	3.82717873
0.04313715	0.0853469	0.04373355	0.30755936	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	0.02822657	0.04367649	1.00E-04	0.11802548	0.05629452	0.2239245
0.27649394	0.21468373	0.21900752	1.44312175	1.06306979	0.34711433	0.17023662
0.84271051	0.99402647	1.07102383	0.25340878	0.33535326	0.78146606	0.70931375
4.70397365	4.64234231	4.72089928	4.3572367	4.46692193	4.67223654	4.67565278
3.44447021	3.44052176	3.52500445	3.20958696	3.62302739	3.38829159	3.46898655
4.32442854	3.9092194	4.04685472	4.50974524	4.85537425	4.73948059	4.6891428
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1.45994937	1.44732931	1.63077703	0.90029302	1.03311289	0.89141367	0.95307315
4.00652745	3.74546291	3.81508521	3.87000969	4.2982149	4.28909146	4.26917184
5.92106888	5.20022861	5.30378372	6.33474898	6.71041408	6.53520417	6.53406918
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0.7801505	0.95220268	0.82670364	0.83120114	0.90791363	1.14262316	0.96243516
4.44098128	4.31833507	4.42648164	3.71014356	3.90142477	3.7416748	3.99387986
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5.70333139	5.04066798	5.18573899	6.22867614	6.56710149	6.53606157	6.52879517
1.3595273	0.86036602	1.01993537	1.33461031	1.22766374	0.78504445	1.13972913
4.90920026	4.80019323	4.84177439	4.60556209	4.80506573	4.62348679	4.51806129
4.18998447	3.59239985	3.79029019	4.37264237	4.7828928	4.65309497	4.62752144
3.59690434	3.15496207	3.33589784	3.14952605	3.704738	3.6356067	3.71543233
2.7889173	2.74323775	2.93183558	3.10166717	3.15927516	3.07536338	3.34708894
4.4878362	3.99641126	4.25472548	4.50837299	4.88412834	4.67372162	4.79130511
3.71777941	3.30077751	3.52249639	3.68524726	3.76605461	4.01158729	4.02057706
3.62219248	2.8572696	3.0444878	4.28818113	4.58836398	4.34991553	4.22546091
0.90042022	0.58743605	0.83427655	0.62911449	0.45290946	0.2928092	0.95346016
2.40714657	2.16008316	2.25891632	4.79205935	4.99286347	5.09470436	5.09813774
3.56323242	3.30632158	3.30306104	3.54906081	4.03881277	4.01384513	3.80481169
3.23515707	2.6806739	2.91599608	2.55246585	2.85781508	2.58689759	2.85202518
5.02443675	4.53739932	4.65244747	5.50662361	5.70944536	5.66951031	5.6045993
4.30111255	3.95694385	4.06339572	4.92884549	5.02005734	4.92198625	5.01453965
2.24983239	1.80118404	2.05264712	2.47968173	2.82924386	2.28828497	2.61872162
3.04679832	2.78858134	2.90132655	2.55363626	3.07115692	3.01225131	3.04260357
1.99101773	1.29278598	1.40435856	2.06819726	2.72442826	2.3285591	2.18933029
1.30685999	1.10668121	1.22435439	0.66950939	1.35081016	1.42821699	1.80124612
1.83436414	1.43799803	1.81109213	2.30543909	2.04386348	2.72722709	2.77000511
3.35064192	3.01308721	3.28233051	3.27214521	3.88698802	3.67784507	3.69330119
4.91015119	4.4551963	4.07398967	3.87714611	3.99934511	3.86984937	4.02090805
4.02886021	3.76746691	3.93408034	4.44850438	4.54900945	4.54891613	4.54878998
4.90629144	4.59248512	4.70182385	4.45079523	4.71848835	4.71186395	4.67348719
5.55669487	4.86910017	5.01532682	5.49832796	5.66181259	5.57080602	5.55055397
4.03498819	3.63708662	3.6770127	4.96851488	5.3992927	5.50153846	5.40288212
3.82082387	3.5657183	3.35934053	3.53998444	3.77033709	3.84630435	3.8919382
3.22719214	2.68312554	2.90686112	2.43864419	2.75775189	3.31923667	2.91224437
1.00E-04	0.04066566	1.00E-04	1.00E-04	1.00E-04	0.27126442	0.07206619
2.69685935	3.12435891	3.02547857	1.55594781	1.42962031	2.29509469	2.18704661

3.20265467	3.2562705	3.16902511	2.47980131	2.83186506	2.60267157	2.94765666
2.41413887	2.38791751	2.48310825	1.85165177	2.3586756	2.43419288	2.64008428
2.02441307	1.79224283	1.80130101	1.4264298	1.82794813	1.68973261	1.70726665
3.60952764	3.81226742	3.77764995	3.48071465	3.6681679	3.82798766	3.80800776
3.58430619	3.29515798	3.39486608	3.63095533	3.88061675	3.69315147	3.79549671
3.37744582	3.68314896	3.38139303	1.41335147	2.11042978	2.40526633	2.37230144
2.66574653	2.84014316	2.82973976	2.63163257	2.9198302	2.76739995	3.13455644
2.62574658	2.85457525	2.80960935	1.66081232	1.85898334	1.93748535	1.99135663
2.852785	2.57932306	2.66056952	2.6648189	2.90851744	2.86700746	2.9368271
3.1485355	3.00053612	3.12008367	3.08933553	3.55297156	3.52993684	3.37252945
5.52130321	4.79926978	4.89016366	6.62977468	6.77075618	6.76085205	6.72450585
0.17790306	0.10375926	0.42721183	0.33801396	0.28339315	0.94992986	1.10315853
0.39286793	0.25192399	0.22275907	0.137287	0.30185733	0.36904752	0.28233049
4.53919694	4.11797638	4.09961318	5.41038262	5.92646392	5.97946367	5.73477503
5.82733055	5.06919249	5.27860105	5.50252494	5.84093947	5.73354125	5.76855079
1.90460093	1.46411739	1.71445551	2.67334853	2.62403623	2.16371041	2.2427582
3.95122997	3.64747352	3.66307537	4.97415735	5.10160459	5.06232646	5.02492909
2.95761941	3.50503225	3.37244383	2.10379383	2.0009072	2.48094008	2.53842638
3.74896416	3.40053832	3.54454943	3.92783153	4.00465333	3.88729044	3.94209821
0.39074828	0.42578314	0.31170356	1.86867034	1.3662895	2.04049745	1.87648315
2.87630523	2.90469039	3.03704558	2.95153633	2.94829968	3.26688572	3.3044609
3.92014236	4.10682267	4.13800077	2.63643743	2.71118545	3.219912	3.20311092
3.53335357	3.77939276	3.71486186	3.26092624	3.53397937	3.62576256	3.86597652
4.89648277	4.78075778	4.8839308	2.41542129	2.81924389	3.06890765	3.2953405
3.0178059	3.12928098	3.22457244	2.72780127	3.11307149	3.31798694	3.20384157
5.46044283	6.07129376	5.98849053	2.67822222	3.12087969	4.29042339	4.08182033
0.45112559	0.43009863	0.47345973	2.08439932	2.03713155	1.91925894	2.00601984
0.03780102	0.07511908	0.08481781	1.00E-04	1.00E-04	1.00E-04	0.13833005
6.32151077	6.40938157	6.2254093	4.79380306	4.97008706	5.15003871	5.00633616
3.49997588	3.07078159	3.37632118	4.08671363	4.5106911	4.37019158	4.44810847
2.72787067	3.00027497	3.10987027	1.73723556	2.46046894	2.38452506	2.60472322
1.93959071	2.05172272	2.05945437	1.45350312	1.7983147	1.69663849	1.82994847
1.46181811	1.50727542	1.89893007	0.16514031	0.41136763	0.73793818	0.50962701
0.42837608	0.37377153	0.56567657	0.72664716	0.61707207	1.60395548	1.8389155
0.91609936	0.68787688	0.98484192	0.37473079	0.91903284	0.92597658	0.83096502
5.35729218	5.45931135	5.41045106	3.61078926	3.84960986	4.12971168	4.13212522
4.13458193	4.30501131	4.24950961	2.26239834	2.74769197	2.96412167	3.00325085
0.36612696	0.19041539	0.24422219	1.29537011	0.5754621	0.32664255	0.52299928
4.78287149	4.51284892	4.61163628	5.05281382	5.29381391	5.23638168	5.16498075
1.46088166	0.90516075	1.33614614	2.68448701	2.2285964	2.0479029	2.34610656
5.99196363	5.1659698	5.1792061	4.76822496	5.08087761	5.1354672	5.08860969
0.08240358	0.0060605	0.03798564	1.00E-04	0.1953968	0.1755589	1.00E-04
3.18611436	3.50831904	3.55000971	2.47692769	2.82998068	3.09411352	3.31810344

1.00E-04	0.15993179	0.1157618	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.64269111	2.51997364	2.68378253	2.48401688	3.22481347	3.3036281	3.39436372
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3.06073237	2.56392749	2.83927988	2.30771684	2.73659701	2.2640837	2.52989392
2.78288968	1.30976446	1.94700033	0.83503601	1.65125704	1.10830924	1.12940778
4.09691707	4.65428353	4.44541665	2.09918462	2.24271954	2.9608639	2.78915156
0.08496852	0.11110904	0.14920584	0.29182574	0.35085307	0.14235642	0.25338014
0.38819921	0.09394797	0.21218709	0.15231606	0.55174748	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65653377	0.59060942	0.3590183	0.50040843	0.26668489	0.66107379	0.68173478
3.79108273	3.73875348	3.78778756	2.93581198	3.49494516	3.70772504	3.8622723
3.75440703	3.19656229	3.39989684	3.96026138	4.35038466	4.12687813	4.25110768
0.25652618	0.16425551	0.13710544	0.14994398	0.50531235	0.22871604	0.51982671
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0.8495585	0.40077417	0.66147103	0.6404236	0.53501178	0.20162861	0.20032729
4.35624209	3.86792684	4.00752561	4.27471783	4.40603221	4.4443867	4.48577
3.05756184	2.74470681	2.78458035	2.4102897	2.65662976	2.78475171	2.82291271
2.37768081	2.4220131	2.39081576	1.93774277	2.6490893	2.76090653	2.6273968
0.89928685	0.31563901	0.50301743	0.54484339	0.67443783	0.73932863	0.70542078
8.36616552	8.59768572	8.64837235	5.80589005	6.13570375	6.85719021	6.73930225
2.6715556	2.42278717	2.59717747	2.5534166	2.68608802	2.5233391	2.91152862
0.47033602	0.31880476	0.72971784	2.27752452	2.33299714	1.92068518	2.33001186
0.09886258	0.16492066	0.29111147	2.99604172	2.50593402	2.37701748	3.12192367
3.506916	3.38760313	3.57459567	3.73816453	3.90503422	4.01052465	4.1488823
0.23457687	0.15234392	0.14782468	0.38342184	0.50608976	0.29611378	0.47524858
3.06410908	3.38392005	3.42606247	1.51444268	1.78675838	2.12877325	2.04270424
4.72837143	4.35833497	4.41950779	4.04553376	4.49616131	4.25244846	4.2131606
0.3123826	0.32980996	0.25261119	0.20047195	0.10272688	0.28513666	0.09976391
3.58020621	3.98209782	4.02021272	1.3176129	2.13684298	2.67009755	2.8053801
0.65572186	0.61680403	0.62888265	1.28134093	1.52640803	1.35513125	1.66189329
4.85672875	5.39528572	5.51568516	1.91278784	4.37960568	4.95472964	4.81449956
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1.00E-04	0.02237696	0.01450548	1.00E-04	1.00E-04	0.24784412	0.17755779
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4.08225508	3.66940151	3.73468857	4.48234176	4.63599568	4.66225164	4.63065674
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5.77997567	5.41849476	5.45860341	5.45519049	5.58773274	5.58042217	5.61115941
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4.12460276	4.60208228	4.46897989	2.22710657	2.91832137	3.38521772	3.4492725
4.92520848	5.20407166	5.12618345	2.86585855	3.15474043	3.79844837	3.78241448
2.66472498	2.34748251	2.59674787	2.89996469	3.43670815	3.30148834	3.36866728
2.06042613	2.06800513	2.28833064	2.13591739	2.18222291	2.21843051	2.42202421
4.06606085	4.22536047	4.25137702	3.27018291	3.4405331	3.52236143	3.65901671
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2.92124557	3.04684685	2.97532944	2.44678545	2.54854402	2.65628542	2.67935115
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1.63525267	1.60025089	2.05481553	0.76820942	0.21982373	0.50012909	0.61772259
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1.00E-04	0.02037991	0.00295237	1.00E-04	1.00E-04	0.08301349	1.00E-04
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0.37462351	0.1618871	0.21963759	1.63967247	1.26630082	1.03623174	1.35811488
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0.77351795	0.72595493	0.75402016	0.19828873	0.76121409	0.45152389	0.54213661
0.05665456	0.08519525	0.08871437	0.28956619	0.44598125	0.31051497	0.32921318
1.69099877	1.4016907	1.51512222	1.62362177	2.148565	1.95356883	2.06827632
3.01717771	1.97130085	2.33484892	1.64565799	2.5847767	2.06739211	2.1053171
2.71535743	2.55749182	2.70643394	2.73648986	3.28909568	3.24932434	3.38018754
1.00E-04	0.00840542	0.00490074	0.19934401	1.00E-04	1.00E-04	0.31300713
1.00E-04	0.0230814	0.03354078	1.00E-04	1.00E-04	1.00E-04	0.109584
0.31741979	0.31698659	0.52036688	0.49144553	0.5293367	0.87845405	0.9529581
5.41521588	5.20039446	5.06164584	4.14327389	4.57496904	4.48613522	4.53883643
1.13841282	1.17376228	1.03723013	0.37938864	0.69232748	0.62024259	1.12341972
0.15539025	0.03897929	0.04773975	0.15162171	0.16807145	0.23010672	0.14439045
0.5024863	0.18906449	0.37785668	0.68451923	0.94967701	0.33719228	0.59923382
5.39580412	4.75410268	4.61486926	2.32352541	2.84882141	2.02164654	2.41057501
1.00E-04	1.00E-04	0.01925642	0.27859329	1.00E-04	1.00E-04	1.00E-04
5.24288077	4.83748527	4.95070849	5.68614534	6.00639846	6.01364834	5.97817594
4.8036088	4.45793723	4.5550106	5.19087815	5.38100003	5.31616861	5.33685228
4.78917948	4.259723	4.32592429	3.1750275	3.90809091	3.52411183	3.6744937
3.51220814	2.86461269	2.96467514	3.9501334	4.17439217	3.93696082	4.02030866
3.53662256	3.93846678	3.79842395	2.92010734	2.99713161	3.31484893	3.3691185
0.11421322	0.1045543	0.03865587	1.00E-04	0.84133159	0.47172827	0.22321318
5.36756416	5.10201841	5.24229207	5.36969649	5.61159944	5.5158646	5.612856
0.23458907	0.01709597	0.07716463	1.00E-04	0.62236388	0.03816479	0.21159322
3.11333895	2.90086534	3.05385215	2.95713379	3.11385151	3.23250788	3.41295735
4.27924531	4.63614923	4.60957211	3.16034316	3.57861926	3.89837032	3.94486903
4.87732959	4.30979255	4.55327182	4.78830827	4.94974893	4.80666641	4.90120897
4.05602619	3.87928281	3.9912127	3.55970432	3.98235955	3.92518613	3.99824714
4.39495346	3.99642101	4.1535943	4.59493123	4.83321043	4.94430824	4.91934624
2.42250136	2.65245919	2.57373388	1.63774735	2.03764672	2.4446043	2.63707868
3.86824689	3.78720584	3.81615485	3.40466763	3.72878774	3.80773153	3.77087125

4.48108193	4.09674716	4.26495327	4.51695427	4.8864623	4.8850177	4.85790713
3.93758002	4.10116323	4.09600615	2.93415632	3.33001057	3.52787725	3.56301401
0.03844858	0.15179116	0.10110658	1.11639942	1.01054147	0.86614958	1.00669091
4.15329618	4.21767305	4.13904352	3.21895117	3.72203701	3.70094557	3.80621329
0.94009671	0.97877631	1.08407233	1.23630716	0.89139924	1.23397693	1.47449449
4.35580802	4.16419366	4.12388338	4.27864076	4.45104172	4.54058823	4.64464966
4.86056425	4.18976925	4.3829594	4.83830725	5.09775031	4.81803983	4.94510484
5.93053091	5.27500368	5.31865438	2.96681695	3.02590749	2.88364396	3.06499061
5.18144973	4.72499666	4.88930398	2.42768265	2.5634495	2.43661369	2.57233105
2.04137769	1.50678983	1.85850598	2.47104363	2.78241774	2.89476354	2.51033591
4.77060106	4.28110234	4.39326638	4.67409117	4.96675878	4.80298081	4.85088392
4.14907721	4.26750135	4.31944522	3.98336578	3.91413346	3.85179459	3.92802153
2.83773323	2.44889575	2.74335542	3.26265956	3.20319658	3.34505565	3.24766792
2.89260967	2.99596355	3.03875906	2.37126364	2.89129147	2.77258057	2.8491988
3.15096017	3.13504384	3.25381072	2.04114134	2.45146456	2.39551786	2.58117315
0.12995965	0.03962852	0.07447865	0.25917356	0.37663932	0.12654243	0.18139774
2.31028194	2.45334415	2.5133882	1.25923578	2.0357217	1.77322681	2.0164214
2.72468673	2.22764558	2.40049529	3.01849907	3.5548896	3.16330308	3.18390571
3.98864538	3.4415071	3.64807189	4.61913432	4.92177533	4.84222232	4.82547512
1.83880338	1.68935886	1.88715252	1.44103381	1.66010738	1.68115355	1.68632395
2.59005739	2.20178033	2.35251597	3.28412966	3.60298761	3.51130234	3.4372452
4.30517377	3.94213078	4.07072674	4.84227476	5.04340925	5.0743781	5.11457637
2.14585053	1.93293085	2.01065079	2.96512653	3.32066199	3.36340524	3.46707082
2.61662332	2.65353343	2.67059517	2.57111663	2.73416181	2.84141061	2.80205038
0.17715502	0.20986166	0.30856766	0.15889884	0.81940098	0.23279156	0.47589561
4.62330636	4.07137361	4.29182506	5.2251536	5.42200248	5.39394196	5.39653065
2.64153878	2.29482211	2.48389094	1.97283235	2.30754075	2.23048603	2.31786198
1.82864013	1.30355839	1.40772219	2.38432123	2.70161405	2.49950765	2.66227983
3.38522689	2.8697238	3.06476532	3.22324856	3.63711305	3.51406011	3.53944387
4.09171295	3.66746247	3.84967166	4.02989458	4.39247601	4.17626907	4.1996038
0.09877971	0.23153127	0.35723069	0.1972111	0.77850995	0.96779061	0.69474448
2.37371294	1.94155711	2.20007811	2.86031144	2.90350469	2.67025744	2.74587695
3.69675476	3.59494655	3.70715978	2.84424421	2.96700126	3.10406795	3.2203689
4.14090222	3.93580922	4.08005346	4.42663484	4.62275457	4.56660327	4.60115209
4.21440932	3.48811238	3.67108203	4.74265814	4.92929761	4.79666898	4.83330774
3.09823808	3.41532587	3.39254224	1.63360152	2.12947298	2.54867706	2.69698432
3.30724501	3.00541276	3.12759444	2.718596	2.83672829	2.71248484	3.11633822
3.01012854	3.35010007	3.31702027	2.56214715	2.81564723	2.78699171	2.79199582
3.57606557	3.15602081	3.52659219	3.69844764	3.98504153	4.04424027	4.03668524
3.66544624	3.15410623	3.32588668	3.67938643	4.00869323	4.0032558	3.99706609
0.32772888	0.18627554	0.37142957	0.47197773	1.18487736	0.75555259	1.055397
2.84818629	2.77927857	2.91129205	3.135844	3.52621335	3.40099989	3.34713897
1.85341444	2.03689965	2.1185184	1.65469391	1.27580803	1.14100306	1.89498292

2.20980985	2.39119007	2.34248318	1.46603491	2.0511061	2.29733921	2.17786213
2.05040835	2.05977034	2.12356821	1.40367727	1.59485167	1.72283187	1.76514588
3.45716788	2.93678772	3.18220235	3.89640453	4.2150516	4.10141029	4.17406652
0.5198861	0.66742208	0.67386402	0.57470664	0.68042726	0.89478378	1.06633112
2.41273145	2.23005332	2.44185582	2.57968128	2.85209347	2.67000837	3.0459351
3.6455745	3.2695098	3.3647331	4.79881485	5.03190112	4.76943067	4.87814001
3.26837489	3.49090884	3.41172464	2.25146065	2.69331454	2.80326473	2.94606436
2.16956184	1.66440399	1.83207883	2.19165688	2.67595992	2.52657716	2.56817095
2.73166651	2.14156301	2.69642468	4.06270683	4.45481597	4.31018114	4.26789784
1.74509382	1.38997977	1.69656324	0.38352499	0.54364347	0.94876391	1.6831532
1.34979214	0.7796388	1.21132858	0.99325491	1.96494803	1.48287346	1.98044231
4.96988658	4.38486049	4.48290854	5.36761781	5.68625336	5.66491789	5.60651593
5.19513362	4.49540992	4.5837322	5.56756993	5.87550747	5.74579026	5.67965249
0.36809077	0.1895976	0.28477141	0.46819126	0.28283255	0.37695111	1.02449274
1.90061333	1.85635387	2.13047184	1.87334504	2.47028592	2.09794385	2.30725001
3.49371236	4.00933038	3.54324969	3.05492018	3.32185606	3.48778328	3.48658891
3.30641316	3.12308431	3.17452442	3.33694962	3.8459524	3.75237191	3.88364504
1.80197121	1.50773127	1.70493896	2.8485543	3.07886501	3.23632188	3.30157902
2.00181216	1.91749317	2.10150155	1.11451013	1.48910358	1.47084503	1.6257577
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3.4535548	3.21648224	3.34889153	2.35049301	2.74234025	2.37578888	2.25287089
3.2375692	3.21528958	3.39897222	3.78987891	4.07012203	3.9668526	4.15016527
3.02276414	2.99144453	3.08765795	2.24283397	2.89796663	2.94454689	2.90749274
5.43912811	5.59155018	5.46738134	2.40432322	3.10075131	3.99553307	4.0876157
0.27595317	0.09067943	0.19878368	1.32134268	0.96076942	1.33258865	1.34258991
0.08939025	0.09760563	0.10500587	0.39423873	0.07264471	0.08840558	0.3053678
0.31178263	0.2112548	0.45324886	0.58095082	0.84828147	0.7492843	0.81142243
2.64406261	2.47434337	2.68627077	3.53111138	3.75197616	3.59657583	3.73164554
0.88818732	0.65735915	0.91485769	1.10269344	1.54553118	1.23032346	1.47412231
2.67734309	2.92372962	2.95856448	1.81468639	2.38142023	2.51815438	2.44597712
1.89407366	1.53931461	1.95049104	2.33053118	2.39012296	2.46151735	2.67253062
0.67286154	0.82751826	0.94909693	1.11386039	1.18227307	0.96204622	1.1478622
3.49584253	2.97949753	3.23863933	2.25653228	2.77340049	2.62371352	2.9140528
3.2110783	2.82777672	3.06344042	3.96881651	4.21576008	4.13738525	3.99292486
1.62003718	1.72429671	1.80312193	1.31456612	1.35824588	1.72016684	1.55114583
1.35002421	1.14111432	1.34944575	2.45665437	2.35243673	2.32025572	2.29292959
0.03168086	0.07716331	0.05514726	1.00E-04	0.19196612	0.10512566	0.0835428
0.08597711	0.04722015	0.05088339	1.00E-04	0.31455241	0.29289857	0.17909225
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21524846	1.3923043	1.60688888	0.22061857	2.04355547	2.69482641	2.75571156
0.17834073	0.20892461	0.25998457	1.00E-04	1.00E-04	0.30601637	0.50332556
0.05988924	0.02622185	0.09508925	1.00E-04	0.26913288	0.61723237	0.49648148
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

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4.00674599	3.98275435	3.98445899	1.92224974	2.53761945	2.35808867	2.76622441
3.71779928	3.597183	3.32386484	3.34517438	3.59508555	3.40449318	3.59959895
2.67879893	1.53288986	1.78706867	1.99697435	1.84868101	1.32302587	1.32468999
0.02812606	1.00E-04	0.01752475	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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4.42386165	3.89619312	4.05473375	4.91253812	5.11433021	4.92959158	4.91837927
0.31566111	0.049136	0.0734537	1.00E-04	0.35584188	0.2456482	0.36858016
2.84502866	2.52092435	2.70504518	1.15426591	1.55927739	1.31057859	1.34784428
3.81184298	3.69521367	3.77224837	3.83349564	3.95302484	3.92863758	4.01330833
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3.94871794	3.65296221	3.87096394	2.4422424	2.44363323	2.33398507	2.61576025
5.30490571	4.89607173	5.00351029	6.02531776	6.11753301	6.25900157	6.32386534
0.36645613	0.21032923	0.16253945	0.2232494	0.35612235	0.4137016	0.37840636
0.34907452	0.20197331	0.33765675	0.83993063	0.93995395	0.6654972	1.00184558
0.12506573	0.07089856	0.11301963	0.10767201	0.6562214	0.4489344	0.59197374
1.00E-04	1.00E-04	0.01038361	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11487224	0.0440668	0.03469236	1.00E-04	0.55429014	0.58146849	1.00535369
0.11060023	0.00775384	0.14590685	0.25393825	0.35292696	0.14234169	0.34223766
0.02951559	1.00E-04	0.01270421	0.5079092	1.03018018	0.54808507	0.54229859
0.0193229	0.01411063	0.00564258	1.00E-04	0.05166078	0.22762425	0.08197155
1.00E-04	0.01108267	0.00923402	1.00E-04	0.12332242	1.00E-04	1.00E-04
0.4211632	0.15602893	0.21729328	1.00E-04	0.61869885	0.27186736	0.57497581
0.24191792	0.1535178	0.20262054	1.00E-04	0.51778406	0.49763021	0.45522671
0.15897954	0.09305932	0.09333478	1.00E-04	1.00E-04	0.31652311	0.1087063
0.31602917	0.11322848	0.18077826	0.23338503	0.74204462	0.42466825	0.51917182
3.16551588	3.06485553	3.64370932	0.29259404	0.28689207	0.64276859	1.00917387
0.37150028	0.2688829	0.52241914	1.00E-04	0.47279872	0.41369174	0.20698024
1.05303308	0.6263779	0.42202169	0.4437841	0.33531578	0.23437474	0.28482916
1.00E-04	1.00E-04	0.01994816	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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0.68401496	0.3043101	0.70440331	0.93336501	0.4629563	0.77228434	0.7176424
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1.20676331	1.23304404	1.14658455	1.01068056	1.35284912	1.48304574	1.44864208
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3.80323533	3.95059817	4.00948239	3.05378117	3.45956189	3.63858976	3.81781569
0.89449121	0.40773034	0.7033639	2.52596499	2.86904857	2.36838254	2.67272566
0.04380722	0.04241934	0.02184892	1.00E-04	0.10463193	0.09699714	1.00E-04

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1.60341505	1.80829956	1.82082667	0.69685245	1.24659404	1.26988924	1.0670553
4.69543813	4.24979137	4.42693301	2.84215155	3.41967215	2.7041868	2.61331739
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0.39885332	0.15981952	0.35670961	0.870675	0.9172063	0.66710452	1.25011818
2.76062122	2.58093845	2.58494734	2.00816776	2.3966738	2.34227162	2.29270772
3.75834339	2.40535953	2.6383885	1.56936564	2.63065569	1.70465689	1.94679232
0.11862498	0.1043356	0.08634527	0.25807266	0.44956074	0.42625231	0.32098556
4.47408932	5.065801	4.56121706	3.42212945	3.65037913	4.04328383	4.15963992
1.00E-04	0.00623555	0.0334989	0.24465355	1.00E-04	0.04495524	1.00E-04
0.03950075	0.07575348	0.14582582	1.00E-04	1.00E-04	0.13840804	1.00E-04
0.06873646	0.02714579	0.04494662	1.00E-04	1.00E-04	1.00E-04	0.18698281
1.26968226	1.29046253	1.35278738	0.52208688	0.86254462	0.86897795	1.27474856
3.59152419	3.29129907	3.42988652	3.68702637	4.01528232	3.92339721	4.2537794
0.50317543	0.11140202	0.23203196	1.41463733	1.14512215	0.61310804	0.74239552
1.00E-04	0.03329696	0.1302336	0.47119376	0.97268597	0.67754156	0.69994343
1.00E-04	0.01063811	0.007472	1.00E-04	0.11718663	0.04522803	0.14699853
0.22402344	0.13579064	0.11306191	0.14161661	1.00E-04	0.10146129	0.49474071
0.0501421	0.05444427	0.06428058	0.21949118	0.73486108	0.35497397	0.60601132
1.53081318	1.18126641	1.36981802	3.237553	3.17451115	2.69195933	3.13855059
0.34044463	0.21762685	0.24713199	1.09201048	1.08486704	1.12813904	0.66159491
1.45002901	1.59970533	1.68292887	0.45743447	1.10867506	1.21787477	1.11576636
0.04414794	0.03544681	0.09572479	0.26163764	0.30563479	0.23732572	0.16205859
0.29928456	0.11265284	0.12416634	0.11492	0.26392454	0.11152086	0.49947614
2.94533717	2.83867597	3.00976555	2.6790682	3.00182866	3.27980662	3.10261046
3.91019911	3.62286654	3.83358631	3.72784206	3.86202051	3.98514041	4.19796063
3.4003123	3.02238988	3.12535263	3.08415285	3.20472735	3.10137418	3.04680937
0.09877385	0.1376061	0.17319782	1.00E-04	0.35200165	0.11359413	0.2423913
2.71224312	2.40581076	2.53003065	2.81931386	3.22735804	3.30117288	3.35443823
4.81964784	4.47126982	4.62784368	4.72674346	5.04927754	5.02069087	5.10214189
3.89284468	3.25171777	3.44408949	4.24478384	4.58528556	4.52808512	4.54337564
3.30920539	2.88973632	3.19182364	3.73854738	4.12466562	3.95614189	4.03685529
4.51286145	3.96599671	4.09975431	5.11175521	5.35306964	5.22532216	5.24702843
4.14153763	3.79395856	3.9088375	4.52673829	4.85625248	4.8160111	4.77528911
3.37795677	2.94039897	3.20287289	3.77768155	4.30672327	4.03036096	4.13501544
5.09846853	4.48264149	4.58101906	5.31401571	5.56515102	5.47380128	5.45295098
2.76064739	2.80675681	2.7847838	2.8101908	3.15540021	3.15119447	3.10491167
0.34825464	0.32729485	0.4523258	0.53439337	0.66833818	0.50102599	0.69404723

0.4016133	0.3113396	0.3527705	0.64996486	0.98254181	0.57001023	0.95722023
4.44631866	3.99709341	4.11277296	4.5516628	4.94172352	4.8714581	4.92804707
5.22496953	5.3015827	5.30215937	4.83321096	5.21627173	5.19606055	5.19436949
4.786211	4.80175935	4.86359092	4.43725172	4.82118435	4.8563007	4.8351192
5.38139217	4.43750124	4.54175005	5.43756204	5.8180141	5.69158959	5.65921446
4.74298898	4.58316199	4.62783994	4.99116686	5.34998908	5.22930374	5.2272054
1.76482767	1.33481584	1.47443902	2.11050169	2.4660776	2.5906236	2.42015036
3.02147108	2.18481214	2.39619933	2.980204	3.26220875	2.64653602	2.76488275
1.73451751	1.33733899	1.5773389	0.89284581	1.91331138	1.70984226	1.19899382
5.81850369	5.06869236	5.43364219	6.33433737	6.70763941	6.38105421	6.3427098
1.75143166	1.60585257	1.81481371	2.601651	2.69814912	2.6599164	2.62605733
1.72101689	2.06482772	1.91928518	0.75190206	1.0570585	1.22065013	1.2395215
4.23804722	3.90657366	3.97906915	5.04170979	5.41458009	5.34720654	5.34960829
0.32514283	0.24602795	0.27839895	0.56855085	1.5725546	0.7173254	0.99485426
3.63992804	3.28857597	3.54065549	3.75254058	4.35347798	4.1509181	4.31184315
2.82676326	3.36990053	3.33025547	1.6602912	2.22908621	2.57416581	2.53827515
2.0464892	2.37654444	2.38669141	1.2761419	1.43665078	1.68846249	1.86752223
6.23438513	6.91319192	6.80067243	4.38854157	4.5949501	5.32681412	4.91589248
0.05314551	0.0060378	0.02563078	1.00E-04	1.00E-04	1.00E-04	0.18347675
4.60917487	4.74179294	4.85862867	1.77023877	2.36496762	2.79112041	2.73908775
1.91206686	2.31472377	2.35615315	1.38026579	1.85068389	2.49294405	2.66434878
3.85354293	3.12789251	3.38976151	4.01541152	4.46947945	4.29189497	4.36067896
2.71959681	2.84545428	2.84313017	1.93182572	1.96887372	2.11716688	1.93440535
1.32068939	0.98254721	1.28426494	1.29360803	1.43985601	1.28196713	1.40171344
3.20982585	3.55848246	3.53484686	1.27603051	2.15559497	2.37435721	2.28221536
3.10469647	3.40033136	3.35613778	1.46357231	1.43238788	1.83058356	1.82484046
3.23607981	3.29485857	3.26731518	2.58466411	2.82429605	3.05023135	3.23844209
2.3919707	2.25567742	2.33370885	2.0587096	2.47972371	2.80529905	2.90919667
3.15748644	3.46347979	3.45784455	1.91910627	2.29898904	2.59290132	2.7329474
2.60595412	2.65066129	2.77995619	3.1132709	3.26257262	3.27187025	3.39759317
3.4873726	3.4797984	3.61090669	2.77715915	3.38912802	3.60238581	3.46750553
3.03994708	3.125582	3.17278487	2.84140065	3.10006738	3.08548754	3.21069451
1.56841578	1.2792065	1.38709224	1.30683856	1.71704619	1.55396446	1.31495698
0.537234	0.26557641	0.17272551	0.69593049	1.17507532	0.54236415	0.32785402
2.60874695	2.46753221	2.58707286	2.77495816	3.15061685	2.78816265	2.94881515
2.86578339	2.78387639	2.9125024	2.33064735	2.69739593	2.75812443	2.92003838
3.6016685	3.38288455	3.53110299	4.33688639	4.52007457	4.34846985	4.46781758
4.22647056	3.97847881	4.1053117	4.56840308	4.9226945	4.71412018	4.81518252
1.51725605	1.12122856	1.24199106	1.64795552	1.90063788	1.74997577	1.81806535
2.2316979	1.5898707	1.5995819	3.71913288	3.9746793	3.84637737	3.83606805
3.83526503	3.80972733	3.86948793	3.42479484	3.29266413	3.34705517	3.69918554
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0.73040031	1.05096451	1.24940385	0.35377745	0.46582213	0.66059524	0.57125713

4.35822861	4.17129929	4.2008344	4.56902665	4.6088616	4.85407175	4.56722951
1.92365588	2.19780137	2.21330712	1.74934062	2.04566908	2.2521486	2.53064267
4.34884839	4.26504698	4.24674537	4.67657424	4.89625737	4.83663222	4.8577185
3.84463085	3.22573445	3.47898996	4.17668838	4.29941847	4.37772216	4.42133131
2.95010173	2.75691066	2.89707035	3.29843284	3.33961175	3.3243921	3.33127621
3.7674749	3.61119008	3.71734936	3.71981185	3.98590858	3.77880584	3.91502788
4.54421575	4.22912598	4.32500164	4.22378895	4.56371538	4.58752724	4.53366465
5.60236732	6.05255058	5.97544548	4.31352144	4.72975034	5.07645922	5.13356219
5.09101383	5.13957935	5.10589142	4.67922658	5.17396545	5.10839665	5.299467
4.84361057	4.73229479	4.8467755	3.91737494	4.33963266	4.12439635	4.30176645
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4.79102627	4.77782075	4.53474924	4.14361991	4.48512383	4.50855508	4.43475458
5.83403274	5.7905865	5.86128822	5.48027338	5.76630588	5.86272057	5.87443819
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3.00673577	2.95015902	3.00673758	1.99983673	2.62177981	2.64531953	2.59942194
0.20251294	0.02738408	0.11039766	0.56126104	0.32673335	0.10765798	0.05161875
2.58092725	2.86609139	2.88822563	2.25803553	1.96741429	2.56081929	2.64523583
0.2824096	0.26547777	0.27267569	0.32000054	0.35536343	0.33353048	0.22542396
0.92302088	0.61023827	0.73166554	0.60687537	1.28500408	1.83909493	1.62115523
0.1137261	0.10915653	0.19154141	1.00E-04	0.28574733	0.18197923	1.00E-04
1.24242078	0.38678318	0.55246486	0.95491405	2.01559027	1.19618566	1.61766964
3.40755114	3.61632417	3.56973074	2.39908362	2.79572832	2.4761044	2.52264097
0.11041449	0.01274524	0.17037217	1.48920909	1.48639013	1.47989988	1.6287439
1.19651314	0.97892143	1.18438896	1.00E-04	1.00E-04	0.24285912	0.40399266
2.95114659	2.76623145	2.88757022	3.32754544	3.41994233	3.20200528	3.33864143
2.9668576	2.36675723	2.35483936	3.05094977	3.26115369	3.0119361	2.98394644
0.37407793	0.55413009	0.64945669	1.00E-04	0.05181674	0.27620646	0.76565282
1.50037512	1.41351734	1.62991684	1.33855007	1.14382919	1.13473083	1.34371679
1.00E-04	0.02462526	0.02442037	1.00E-04	1.00E-04	0.26889016	0.22967927
3.24249712	1.9911427	2.28049177	3.22933018	3.12831806	3.42588844	3.55991247
3.86431061	3.44642031	3.72710497	4.34773993	4.28798705	4.51304024	4.54193005
3.3427018	3.27023963	3.09594502	2.32210451	2.26606452	2.13702255	2.26323151
3.36111579	3.02497891	3.2197017	4.18639014	4.34473194	4.29050114	4.36792771
0.34808463	0.3499806	0.22405072	0.35367365	0.45728363	0.08543523	0.23443298
1.90822813	2.21335781	2.29306744	2.22881573	2.01101498	2.6284902	2.74811138
1.7625952	0.38500332	0.61314642	4.59407086	4.52484481	3.71524414	3.44308676
2.71530922	2.36724907	2.57771239	2.73302047	2.93257383	2.99666264	2.99683652
2.20367965	2.03520434	2.12203426	1.5658887	1.55580291	1.37167018	1.68002542
2.67636595	2.47740071	2.31603336	3.15620932	3.21244065	3.29722511	3.35143701
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0.35104703	0.61291858	0.52455651	0.31015816	0.36547773	0.42623069	0.11534656
2.55580707	2.68538741	2.78514557	2.64585291	2.51500969	2.54038914	2.78802
2.07165537	2.26154377	2.09867424	2.03255773	2.52542606	2.71905748	2.78268877

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0.33361951	0.1718515	0.28523908	0.798047	1.1043131	1.52447109	1.52351486
2.67246684	2.87354296	2.85178568	1.80243673	2.15236681	2.19123671	2.26581368
2.67118157	2.29063358	2.52180478	2.14103346	2.12956458	2.15293618	2.33634954
1.20874188	1.17301735	1.18423527	2.28291503	2.17038247	2.03824023	2.22739645
3.13554654	3.12554875	3.23736214	4.65771461	4.89307491	4.98808419	5.21195251
1.16095348	0.78762542	0.96383267	0.79896825	1.21097034	1.26584195	1.06122324
3.05841254	2.9174257	3.05132452	3.01893686	3.32587592	3.50517994	3.61115135
3.43509516	3.20435785	3.15488865	4.00483682	4.1886687	4.11828293	4.06238317
2.41758337	2.10696311	2.26203937	2.86392536	2.9771756	2.94367089	3.28197603
0.96889603	0.93267234	1.11180978	0.21026502	0.1930838	0.54653656	0.3807921
3.72649125	3.34879532	3.42713921	3.1831096	3.61095421	3.74801811	3.67805685
3.59939326	3.33623934	3.4828197	3.92906596	4.25336225	4.24155552	4.3088137
1.31522818	1.30838815	1.33249629	0.62984823	1.12457688	1.05135042	0.9999329
3.26022403	2.59098148	3.20226119	1.31128593	1.37887445	1.32572647	1.27309835
2.26767461	2.31674969	2.37409017	0.75600443	0.58563726	0.91366429	1.08062041
2.55011251	2.77144708	2.88011332	2.31922663	2.80298522	3.00376072	3.01246215
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1.69823208	1.57167765	1.67334889	1.09452817	1.3578291	1.54300599	1.80298131
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0.26782121	0.31018052	0.44226713	1.63061605	1.23527814	1.0371352	1.08494888
1.45952252	0.99975715	1.44588928	1.62612961	2.04194694	2.15986243	2.34364878
0.15979194	0.08222358	0.03832457	0.38564562	1.00E-04	0.05533928	0.28273688
3.20860164	3.15206071	3.23834128	3.57030559	3.80158045	3.85108376	4.01907692
1.22787844	1.14319727	1.24513786	0.23124065	0.38088229	0.78810283	0.65288039
2.23646668	1.98224172	2.41087299	3.2518646	3.35783601	3.49850504	3.92718781
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4.18875005	3.85164761	3.91858731	4.50582067	4.67371532	4.67316475	4.73909945
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1.38680436	1.09087681	1.40004997	4.33475683	4.40502601	3.99107638	4.38749259
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4.32362114	4.52380163	4.45154588	3.43558584	3.63076995	3.9239697	3.96932203
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0.14895327	0.05013712	0.04940909	0.72103386	0.74533451	0.75032947	0.41113694
2.9226305	2.56520798	2.78338901	3.34681351	3.60681953	3.82961318	3.71267102
2.56998092	2.31208404	2.24374843	3.15285591	3.56259832	3.21279195	3.31564265
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1.00E-04	0.00635852	0.04084949	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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0.0283927	0.02065145	0.05797281	0.45672301	1.182515	1.03204789	1.04628427
5.45621246	5.02153349	4.8786458	4.72302955	5.13080295	4.93638033	4.895538
1.48964334	1.41988731	1.62401434	0.49830301	1.33376449	0.51021299	1.08970437
1.93587679	2.24695502	2.25880689	1.33506954	2.08484105	2.33542287	2.20167288
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3.7530797	3.37319301	3.66502931	0.87637572	1.25843033	1.47983559	1.24069163
0.76425934	0.2954768	0.50554657	0.08025885	0.44087568	0.32729331	0.48789482
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1.83953554	1.34979403	1.68123839	0.53841847	0.9520093	0.90635585	0.64081035
3.30172142	3.61620396	3.56208964	0.86356709	1.28303301	2.0171831	2.14549512
2.8247652	2.7429357	2.78006631	2.55676694	2.85956653	2.83907311	2.96228363
6.27786178	5.23942935	5.29492172	5.20991526	5.42405303	4.82775618	5.17766992
1.114193	0.96605501	1.22476767	2.262525	2.29631647	2.0180797	2.54269334
2.09902235	2.11423931	2.1586631	1.986393	2.29695731	2.60132438	2.6596983
3.71368029	3.11087988	3.38829331	4.12386215	4.2493478	4.27814592	4.42488335
3.00442009	2.88162095	2.90670246	3.68825394	4.12790317	3.93699788	3.85327951
0.43557505	0.35108049	0.26074815	0.09566338	0.47287133	0.56564635	0.68611316
1.28836728	1.31040459	1.49585555	2.37038632	2.47298032	2.56131109	2.72101122
4.68039704	4.17628478	4.20206374	4.73578138	4.94664647	4.79027247	4.79541226
3.3841191	3.00897467	3.09589707	2.73774568	3.04896378	3.10915436	3.1452476
1.00E-04	1.00E-04	0.02901433	1.00E-04	1.00E-04	0.07286569	0.01787061
1.09292517	0.60764779	0.99151543	0.18606578	0.399866	0.29602748	0.39708292
3.33039233	3.63169654	3.58916822	2.02362739	2.51597145	2.75374174	2.8206461
4.39555217	4.7161807	4.622514	3.23936333	3.57983008	3.84975042	3.62875688
2.49839365	2.47383762	2.52285317	1.15618428	1.80738244	1.99646328	2.02874083
3.28212913	3.11243438	3.23977971	3.23038533	3.56544205	3.52986627	3.71114739
2.97823154	2.77103692	2.87397263	2.78438285	3.04776079	3.02683685	3.18953916

3.73957697	3.43153815	3.77772699	3.15322791	3.54579918	3.47607514	3.44516423
2.08262019	2.07101428	2.21758048	1.5359854	2.38608538	2.28401983	2.506918
1.98498018	2.24079124	1.99597065	1.32624114	1.52106321	1.63995884	1.57618717
3.10584711	2.00303978	2.48808317	5.80774145	6.00427055	5.97134703	5.92946029
7.38259448	6.74756786	6.76401784	5.23347255	5.42521209	5.41037559	5.35315282
2.75320761	2.26684098	2.6101939	3.47028027	3.87587263	3.72979091	3.82778717
2.16389879	2.1810646	2.38711384	2.5279993	2.59803783	2.84972863	2.87917083
3.6330535	3.54948346	3.62995691	2.53908976	3.02638392	3.31060449	3.28776437
2.74136557	2.72767395	2.74907833	2.29952788	2.48229098	2.55000128	2.66059952
6.30784816	5.64635003	5.66800829	6.20433068	6.55824002	6.50701344	6.47712652
2.64273487	2.36690272	2.56680022	3.3485322	3.51302319	3.44486297	3.7443332
4.82254389	4.94245072	4.78018236	3.35794498	3.71571213	3.98297855	3.99220806
5.43583226	5.21004008	5.17798206	5.44193241	5.74335733	5.78447059	5.72539338
2.86740173	2.28790847	2.39333222	3.66290008	3.64586852	3.53869674	3.22465001
4.8365716	4.41251056	4.27069603	4.95729337	5.12097484	5.0267593	5.0724057
1.76363419	1.93261363	1.94087547	1.16448391	1.02387728	1.15080564	1.03085978
5.31175909	4.88498008	5.14110278	2.21489026	2.64955973	2.45922791	2.69918104
0.07688625	0.09275521	0.10089533	0.2644091	0.0787527	0.28017477	1.00E-04
1.46499927	1.07227678	1.14926825	1.53380705	2.11516505	2.20620734	2.25205609
2.83079808	2.70202147	2.96471762	2.98609299	3.30698217	3.45844803	3.75043542
2.34332611	2.04018937	2.08070748	1.62397858	1.6048126	2.1048663	2.0429365
1.17203934	1.02573514	1.24108066	0.56091502	0.8085753	0.4718007	0.42216833
1.32626337	1.27117866	1.60640572	1.68981631	1.85021285	2.11479866	2.25301208
2.82450122	2.46768813	2.7069123	3.00398302	2.78092984	2.82589257	3.42859836
5.87317582	6.26374001	5.81987402	3.70087164	3.96994764	4.54360397	4.30307036
4.75125802	4.62203287	5.04576362	3.99647681	4.48586504	4.84177057	4.83064223
4.95964376	5.07159645	5.06739392	4.91553625	5.03222253	4.97767401	4.97246157
1.95062755	1.68948475	1.78750393	2.08450267	2.45728404	2.12808577	2.20951133
0.73250921	0.91747928	1.03784194	1.48224342	1.32298383	1.68702726	2.20217607
1.00E-04	1.00E-04	0.02097139	1.00E-04	0.14082904	0.04930448	1.00E-04
0.10814661	1.00E-04	0.00651466	1.00E-04	1.00E-04	1.00E-04	0.09414533
1.46801164	1.39483529	1.7503805	2.39776553	2.1274025	2.16337973	2.17154497
2.29989194	2.13962827	2.28245934	2.88325927	3.29035353	3.21106675	3.17431599
1.47645782	1.3875882	1.45796322	1.82083354	2.1961329	1.95928238	1.86918514
0.25756661	0.09786172	0.08395723	0.29633771	0.26255687	0.29076351	0.17084967
2.22406384	1.74655575	1.87068093	2.57767913	2.86864506	2.77071631	2.88781579
3.94614916	3.70752468	3.89379182	3.31991425	3.65583953	3.64420918	3.78604927
3.98649042	3.77233362	3.8271942	3.80037689	4.05955459	4.01007371	4.10686659
0.02196159	0.0361392	0.02069308	0.24416224	0.50175968	0.376262	0.50452485
2.32704337	2.64863909	2.51121874	1.84886795	2.14632912	2.2676137	2.38807023
2.96983995	3.24048317	3.22707941	2.59510962	2.5976155	2.65779422	2.78365344
1.00431102	0.30758038	0.58877217	0.84042729	1.12172307	0.71667218	1.0466932
4.85593659	4.53524729	4.66323684	4.99083573	5.42231594	5.37696696	5.37528934

0.35563033	0.26303232	0.24676278	1.28687085	0.72203174	0.6496406	1.14254887
4.21118854	3.88446284	3.84651127	4.48870693	4.65212751	4.57142376	4.6444718
3.0726086	2.90470133	2.92332408	3.05519938	3.56410389	3.71623083	3.70049376
3.08440601	2.68350962	2.93304167	2.88822936	3.22712354	3.1687181	3.09799569
5.51655801	5.21500198	5.39483288	3.76898753	3.90788364	3.99758155	4.02724484
2.75959305	2.74584175	2.8618701	1.99959954	2.09174146	2.38257264	2.41577436
3.25183439	3.44882288	3.48301277	2.09631228	2.43108617	2.49291494	2.54376222
4.8741688	4.79962396	4.82781109	3.43525046	3.63577134	3.70513695	3.64827895
2.98111836	2.63527293	2.73813851	3.43243844	3.71389325	3.73878183	3.81892901
0.94382009	0.73074979	0.85192628	4.08642183	4.20720839	3.74992159	3.89546054
3.2251647	2.70003034	2.78885142	3.82426079	3.75841317	3.4154403	3.67316912
0.25254638	0.31867665	0.29056311	0.9569716	1.00583184	1.22788785	1.74008662
0.02898371	0.20311797	0.20940792	1.00E-04	1.00E-04	0.06144934	1.00E-04
0.37838786	0.82063768	0.93571272	1.00E-04	0.18783699	0.4734162	0.37761014
3.04306277	3.10709696	3.06715543	2.95273295	3.17479049	3.37954006	3.63760554
1.08469794	0.77856793	0.83737282	1.69402383	2.22258325	1.87919043	2.16801809
3.01346751	2.66459281	2.81372707	2.53116811	2.94021726	2.78661799	2.97311893
4.22186642	3.71503654	3.72117138	5.49832845	5.75825354	5.64035932	5.61361879
2.417059	1.93629304	2.22064402	3.38752106	4.0194721	4.16690172	4.01394662
0.86627156	0.62343882	0.840454	1.00871732	1.67755917	1.33527291	1.70256463
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.24766214	3.04168083	3.29099798	3.21019386	3.4368132	3.33151015	3.58290722
0.7764658	0.53849926	0.71727978	0.68856743	0.97551601	0.57974628	0.8869801
0.51787949	0.63127377	0.67337685	0.15997598	0.44939496	0.27475808	0.2525139
1.42675377	1.49957056	1.77968416	1.08740519	1.7940875	1.5407709	1.98768166
2.23619705	1.73226662	1.96660985	2.00645553	2.5682207	2.35109162	2.38995939
0.83750645	0.6759968	0.66081042	0.59512155	0.56420096	0.67495013	0.70141841
1.9798009	1.94224753	2.22290791	2.60696718	2.85973368	3.06739565	3.04075017
2.47725259	1.96590108	2.17696889	3.37696185	3.06122169	2.61190988	3.04429241
3.67252573	3.97926259	3.94178276	2.25906657	2.71612788	2.98822451	2.97984811
3.81789182	3.964612	3.83391288	2.873419	3.34080659	3.44955156	3.49326729
0.28742327	0.10750637	0.19915535	0.19718934	0.21246791	0.27340699	0.33237924
2.50512033	2.79809669	2.83889318	2.03462101	1.71075867	1.75910989	1.86272461
5.29921117	4.67799591	4.86509156	3.40867196	3.71878217	3.24878794	3.47709504
2.83673819	2.66083933	2.69263561	2.30692745	2.64580739	2.4164929	2.52354961
3.60943559	3.39462819	3.59341041	3.61046403	3.87582046	3.7790308	3.7280041
2.44352262	2.20374214	2.36932048	2.51568438	2.98752364	2.7609932	2.94428045
4.86250904	4.31741168	4.53313155	5.52422059	5.78173706	5.74896287	5.8322641
1.76793521	1.93495919	2.01917061	1.49678027	1.55884412	1.90569481	2.16782881
4.99971832	4.45864011	4.61140416	4.68974425	5.02465742	4.97476369	4.93857164
3.73815254	3.45734371	3.7458246	4.37852647	4.78022012	4.70569126	4.8232107
3.08990667	3.00174636	3.20284223	2.99684915	3.41257828	3.3306005	3.61673953
0.54451961	0.48178306	0.45795634	0.88238473	1.41631044	1.74122735	1.48438057

4.5307515	3.96039618	4.12513338	5.25694984	5.40676533	5.4395557	5.42017674
0.89142172	0.82189357	1.0460082	0.71195979	1.0001115	1.50867192	1.40988265
2.04052971	2.43157063	2.42313037	0.26598257	0.58016434	0.71874068	0.36090513
1.30660135	1.5665419	1.47458815	1.09586762	0.89604052	1.03044478	1.39174095
5.0556472	4.6834876	4.77358858	4.93112398	5.13876963	5.08805407	5.14343089
2.35618912	2.24854995	2.46882779	2.25600012	2.36610282	2.60148863	2.91584095
1.00E-04	0.11993574	0.13277031	0.61727692	0.4596727	0.24873008	0.65317972
4.3869132	4.49699214	4.51266056	4.17530269	4.25603324	4.31455527	4.28814308
3.26140307	2.73498265	3.03690514	3.98144788	4.33617463	4.22117589	4.36395613
1.1783814	0.96608997	1.25599975	1.00E-04	0.76292588	0.32589005	0.47868121
2.36800089	1.81671531	2.07914066	2.26743001	2.47792386	1.9212284	2.27804093
2.36042019	2.47480368	2.46461043	1.97388484	2.57879206	2.38932619	2.61223604
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0.38194799	0.26279851	0.46173678	0.5709474	0.58422989	0.57436685	0.83356386
2.21948548	2.13951114	2.16183377	1.7375085	1.96592112	2.30489773	2.37600764
2.14357534	2.18634928	2.39781567	2.07629973	2.13486611	2.14136686	2.6175349
1.07952543	1.01042564	1.07054438	0.25235272	0.28301966	0.67097364	0.78804555
3.03423845	2.74414561	3.05519137	3.0562323	3.5511837	3.53337033	3.83804055
1.63965808	1.1398852	1.44163475	2.78454403	3.01173698	3.05991456	2.87672693
2.13984871	1.95898894	2.14876957	1.83957493	2.04252497	2.18910951	2.39235738
2.40933106	2.01034683	2.18022651	3.01595553	3.41895015	3.23572656	3.38813896
3.78156038	3.71648756	3.5757151	3.84744084	4.32295886	4.25984118	4.3045597
3.65215239	3.46197673	3.63770879	3.62976446	4.02541322	3.87983008	4.20505259
5.05264284	4.53178276	4.66792378	5.42946639	5.69535821	5.72364299	5.69935683
0.98684752	0.88464044	1.10279084	1.04782451	1.88494267	1.57109584	1.88974837
0.61493711	0.83627072	0.88934067	0.12901248	0.4601727	0.2346064	0.33752704
0.24562308	0.21351919	0.34089175	0.78858486	1.20755333	1.0992077	0.99904614
2.23268751	1.79947235	2.08953769	2.29463178	2.73783071	2.50833535	2.69754136
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1.17052768	1.01516961	1.06529893	0.13924575	0.42963186	0.45277205	0.87993427
3.00822801	2.86492073	3.11944213	3.52566544	3.90207194	3.80989941	4.02777753
1.80755997	1.57270654	1.82117653	2.01090386	1.47391222	1.72802471	1.82899709
0.98614124	1.27795459	1.31707131	0.57534905	0.93117766	1.32361309	1.44496533
1.33529836	1.31938523	1.42254333	0.10023149	0.01838291	0.46920257	0.58454869
2.64808343	2.45379227	2.59284339	2.74828069	3.15031402	2.97899322	3.14544215
2.42819275	2.38930237	2.49836993	2.56365624	2.79247291	2.80917044	2.67532449
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1.69473374	1.52462512	1.71147388	0.84890471	1.72483368	1.74899285	2.1119495
1.91608081	1.981791	2.01137397	2.3211957	2.30691895	2.48843181	2.59030086
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0.18937815	0.15011375	0.17284375	0.26618601	0.63390346	0.57006747	0.81910279

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1.68009643	1.51526912	1.62458314	1.59273474	1.58253089	1.48993814	1.53546494
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1.84114099	1.74535413	1.91694617	1.54113325	1.28214245	1.93625884	1.82204361
1.41546706	1.42696396	1.60296913	1.40077179	1.12240236	1.68312398	2.002065
2.08378781	1.76890404	2.02089529	1.497478	1.94274123	1.55696032	1.80695464
2.52044359	2.37801252	2.51243399	2.20735725	2.37889355	1.99415434	2.30056514
0.98248607	0.94727497	1.10470761	1.5038149	1.48844618	1.26797864	1.72567568
1.00E-04	0.03528678	0.02533871	1.00E-04	0.08706489	1.00E-04	0.2649369
4.6225912	4.5271816	4.39694521	4.04413371	4.41612021	4.44736747	4.41687418
1.21882198	1.48500796	1.56650814	1.22624153	0.88899255	1.08420944	1.56418573
1.53952935	1.56748139	1.75635624	1.90754171	1.93829011	2.03217636	2.25107629
1.86601876	1.88286852	1.93266352	0.7601395	1.43082799	1.36429562	1.93890429
1.24644787	1.04714469	1.27953864	0.68193453	0.73096286	1.1208989	1.10861125
0.91688173	0.65744306	0.95755388	2.03781074	1.91269898	2.32206516	2.39338991
3.65892023	3.80098039	3.73364378	3.72756293	3.82776193	4.06592739	4.23661276
1.05607541	1.03900317	1.22641649	0.84703294	0.95013608	0.85074322	1.21558724
3.87937317	4.15402511	4.15324108	1.68853474	2.581861	2.93895074	2.95906423
1.3510796	1.37866672	1.14303481	0.61749268	0.56309546	0.72810948	0.80019736
2.79600698	2.69397356	2.82844125	2.85219248	3.23573193	3.7404157	3.76354821
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2.26929737	2.343772	2.43961608	1.80886515	2.43268581	2.35045309	2.44894374
1.72961074	1.54483555	1.69877647	1.96145982	2.1952099	2.03548927	2.637362
0.35269001	0.2997782	0.30020221	0.7051083	0.77816963	0.89575936	0.50218404
1.86818988	1.65867385	1.71989915	1.59337488	2.03109553	1.90600849	1.91529024
1.471315	1.66402116	1.59120082	1.4586805	1.34700596	1.49307161	1.82248878
1.8072527	1.73867309	1.9488031	1.56440408	2.09155141	2.16339709	2.17079687
1.20886967	1.02433729	1.22938977	1.01762141	1.52766359	1.4262758	1.69577469
1.75671139	1.48841587	1.63533285	1.58782033	2.11033345	1.93488146	2.12112829
1.71780039	1.4866335	1.62327045	1.55231632	1.79784761	2.03917478	2.38088193
4.11701011	3.55846529	3.68937637	4.55720816	4.7344379	4.61917369	4.58506755
1.06056691	0.87269519	0.94616632	1.23040522	1.33778597	1.36984557	1.34076122
3.30243852	3.33080897	3.27286798	2.46613697	2.84666391	2.86231435	3.12629014
2.80171133	2.65929698	2.79401513	2.50971724	2.92064853	2.74764668	3.03190296
2.1183958	2.01080963	2.18027245	2.13472342	1.94950294	2.51443558	2.60422388
2.0376551	1.97554316	2.08269243	2.50090573	2.79312539	2.49898853	2.55212004
2.42570265	2.0852572	2.35844516	3.06450788	3.47762616	3.30885442	3.54330281
1.11724891	0.82259551	1.24615481	1.67050202	0.87157169	1.55242125	1.8940162
1.32469095	1.19613824	1.53772282	0.983991	1.77556731	1.63625232	1.50417253
2.48186091	1.86875981	2.30896878	2.95332871	3.22714572	3.01764743	3.2882871
2.41031531	2.61985679	2.59683799	1.91408463	2.04797996	2.26030275	2.26604585
1.97187464	1.88702385	2.05136112	1.75403605	2.03455551	2.26344547	2.34432385
1.60779963	1.3557394	1.59961714	1.68465565	2.14550501	2.09134289	2.1453617

1.36097963	1.26611848	1.35253486	1.67017089	2.27762709	2.33613425	2.25335194
4.36237366	3.91684606	3.64871698	3.69884759	4.34254017	4.18810491	4.14709345
1.78735112	1.89191899	2.03838142	1.98382652	1.89865048	1.75106025	2.251936
2.57897477	2.29859621	2.57924493	3.00092127	3.1702081	3.10659075	3.33407286
1.28347855	1.07501034	1.15714035	1.7234929	1.86203436	1.76448536	1.83814007
2.7118378	2.48398748	2.61101418	3.37089008	3.49945027	3.35649971	3.43570683
4.64800133	4.32100494	4.45139683	4.33021248	4.57545243	4.63357734	4.55706185
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95679973	0.77131381	0.7269479	1.15807342	1.97313279	1.75280817	1.91361767
2.64866519	2.12511622	2.24646423	3.14692216	3.4796308	3.35668598	3.46443005
3.79505459	3.47577894	3.6508441	3.91774538	4.32425045	4.2892576	4.3848106
2.75162896	2.80619776	2.81405487	2.3188836	2.82223119	3.05887238	2.84475811
2.2257019	1.86834372	2.02668024	2.22027737	2.80262776	2.42365017	2.31503757
1.48362842	1.29661914	1.4375741	1.86563062	1.80264441	1.56105031	2.06654582
1.10236724	0.91476507	1.12194873	0.66746672	1.2424815	0.99398287	0.89502367
0.36403726	0.21244018	0.33107581	0.31819045	0.33543477	0.45997479	0.29596539
1.19617112	0.98655359	1.21230316	1.63301449	1.90243343	1.73868614	2.18449547
0.46602771	0.43659886	0.50064791	0.6065658	1.21815593	0.88950379	1.33118726
4.67999117	4.24127744	4.42133825	5.74257043	5.99029398	6.12067685	6.13252752
1.48389994	1.34893335	1.69571863	0.17130587	0.46302847	0.65361586	0.79133497
0.75007103	0.49616611	0.8018236	1.20213373	1.18823269	1.44923134	1.12243096
1.41175424	1.29749554	1.53436762	0.63868416	1.30372542	1.3187122	1.49264759
1.51048234	1.28361502	1.244207	1.9176866	2.11938301	1.95861972	2.07868792
1.61769364	1.56209313	1.82347664	0.81962667	1.3517462	1.2407295	1.73451118
1.6690426	1.3938441	1.7526509	1.37527442	1.97129131	2.10582332	2.23913963
1.66949057	1.59858693	1.83980223	0.13518266	0.67004572	0.64006409	0.545228
2.21591684	2.1063792	2.26647992	2.12272794	2.59779042	2.20278984	2.55710353
2.38733118	2.18684018	2.46700641	2.76289217	3.01520925	2.79664683	2.79941626
2.69422982	2.34153881	2.47285508	2.37481954	2.83562927	2.56808647	3.03951059
1.0698185	1.23659898	1.29722646	0.78457924	1.04983538	0.95014973	1.1448572
2.04647611	2.12479138	2.25855825	0.92822173	1.56825305	1.70386497	1.82812384
2.68321331	2.81993861	3.03687028	1.78362367	2.06859376	2.29007107	2.83175063
0.73898781	0.670749	0.84057948	0.75282181	0.86054015	1.19906075	1.22856292
3.92467559	3.76084541	3.75980209	3.74773287	3.97192078	4.10632523	3.9205827
1.95395733	1.620033	2.09670919	2.3775771	2.45262247	2.35882613	3.12316241
3.41229376	3.71659193	3.6824694	1.8469167	2.03655059	2.5941712	2.63143634
2.28498903	1.67202525	2.1552991	3.05566106	3.37704481	3.19164058	3.40037488
1.89442258	1.82264885	1.9799995	1.21667348	2.09478465	2.03129666	2.18553205
2.35659576	2.21791986	2.41970393	2.30682972	2.48818863	2.43333047	2.67053087
2.73724006	2.48522374	2.68363022	3.31720284	3.45127937	3.57891697	3.65223975
1.67375392	1.37394774	1.52859519	2.247691	1.75878026	1.69242823	2.01088005
1.48241234	1.51476561	1.68592806	2.05028416	1.7917169	1.94657001	2.24345485
2.29156268	2.19442562	2.16027336	2.11156079	2.42780537	2.28139749	2.34622474

2.47476817	2.22403144	2.3891149	3.04192356	3.18807337	2.94097439	2.91801532
1.17590772	1.03369397	1.1857946	1.4750598	1.72630994	1.61169955	1.98264258
1.12639944	1.1359141	1.23658888	0.75253731	0.94815973	0.93754038	1.50982182
2.22166027	1.91716928	2.24756871	3.0395841	3.08733912	2.90906812	3.26984152
2.41344551	2.17846019	2.35007879	2.18649677	2.47784438	2.24490783	2.45018751
1.46751059	1.32047976	1.6183285	0.31514552	0.75838473	0.57694075	0.55228444
2.82915218	2.57824685	2.70327151	2.74015011	3.29872731	3.18977866	3.25386318
2.51829103	2.51044044	2.51022124	2.42253675	2.59253162	2.66116545	2.63349902
1.58062582	1.48599024	1.40921481	1.22436076	1.07562292	1.1348194	1.2133287
2.35725814	2.06693761	2.22692724	2.63079122	2.86276643	2.77675912	2.66656681
2.43838388	2.59808118	2.65490978	1.03055078	1.24553346	1.45828145	1.30833943
2.95476604	2.77478944	2.94209767	2.51556606	3.12437538	2.74216278	2.83134921
1.00E-04	0.02378075	0.08444678	1.00E-04	1.00E-04	1.00E-04	0.08929048
1.83322885	1.31699653	1.77708266	1.00E-04	1.00E-04	0.19477746	0.4399996
1.4762545	1.18046945	1.51277946	3.11595502	3.47438914	3.46372937	3.38984646
3.89785864	3.40324456	3.52847611	4.08111333	4.52863208	4.33446672	4.34941875
3.20439085	2.8899184	3.11915519	3.22839624	3.66897685	3.63885883	3.79780742
2.11689757	1.91019199	2.14208748	2.552123	2.6825179	2.86437158	3.04835731
2.89377022	2.69739664	3.01016977	2.97761436	3.25047997	3.40635002	3.37247952
2.56278906	2.25718663	2.46188293	1.70694401	2.38746775	1.37051214	1.4764037
0.67571333	0.34428139	0.54207826	0.37879122	0.39255838	0.51635578	0.94436205
1.35171335	0.84751531	1.19230902	0.76767861	1.37780219	1.67972681	1.55785371
0.33702389	0.17985247	0.43916326	0.99880144	0.577105	0.43572339	0.6739627
0.03353512	0.08601276	0.07387421	1.00E-04	1.00E-04	0.15957704	1.00E-04
2.68843309	2.72906436	2.73027005	2.66608062	3.09064982	3.11015438	3.06585067
1.78001001	1.29696078	1.76127828	3.08037457	3.02960485	3.22694007	3.52887179
0.14764211	0.1392187	0.1773372	1.00E-04	1.00E-04	0.1862294	0.13361357
1.12188105	1.16183017	1.29582106	0.64036001	0.75261723	1.09684167	0.72326659
2.44553486	2.09770727	2.3477784	3.07676219	3.524556	3.21385526	3.17914886
0.57635542	0.31537543	0.46655013	1.00E-04	0.12845994	0.45627547	0.70995864
5.11674817	4.3046561	4.46427541	5.91519626	6.00502994	5.91451721	5.85113162
1.63313272	1.58037581	1.72171898	0.8099636	1.15761549	1.57484143	1.88572797
2.50237143	2.18485781	2.38937784	3.08458835	3.41594946	3.4430554	3.21433294
3.97162051	3.48810228	3.59577948	3.70542412	3.93359285	3.80086721	4.02700982
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1.77940785	1.63169658	1.75441561	1.45847503	2.08125864	2.19923245	2.19150664
0.87455319	0.86832299	1.07524865	0.15962692	0.82983658	0.9423745	1.15380366
0.95033787	0.82975521	1.21554404	1.4224722	1.81505619	1.33628917	1.82738815
2.63266825	2.45054835	2.61878072	3.13618667	3.42842546	3.60701214	3.74726037
0.31853863	0.17391528	0.12715405	0.54972158	0.17906614	0.07801542	0.49147144
1.35783826	0.90819514	1.27513359	1.62618466	1.3202812	1.37289508	1.34423052
2.64446523	2.44700334	2.62501538	2.28459159	2.70343427	2.66636041	2.72206934
3.11160338	3.44312896	3.35559932	1.22063544	2.23319363	2.56281686	2.62734958

3.16852257	2.76962976	3.05942258	3.70098782	4.18062772	4.25830779	4.36260927
1.60170686	1.59750583	1.80606279	1.76628764	1.87978003	1.88134755	1.76419763
1.61007619	1.1761926	1.3438894	1.57200139	1.55566654	1.68898763	1.90686206
0.91016605	0.68840817	0.8987706	0.82717175	1.0740632	1.04800385	1.00395015
4.24613356	3.55007394	3.73680826	3.88713763	4.01893741	3.97794138	4.24296137
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1.58332265	1.23332303	1.52646091	1.75526942	1.94883213	1.69085267	1.95552293
1.58147372	1.37986645	1.46219471	1.7765467	1.52278434	1.53763421	1.96354755
3.18574038	2.9226843	3.19738557	3.35716631	3.40257691	3.49033616	3.6758238
1.39341045	1.07149947	1.28278667	1.58171402	1.88040606	1.66866037	1.65021839
1.40807637	1.14138421	1.4157662	2.00639982	2.09377926	2.01507473	1.76273459
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4.66228691	3.87648051	3.94275461	4.83374994	5.49258355	5.09759619	5.02356126
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1.09843009	1.09930262	1.25169396	0.52850701	0.10387155	0.16974896	0.49522666
0.03497988	0.02141973	0.05109965	0.17185302	0.56947473	0.39631016	0.14258059
0.82063224	0.76259611	0.8374423	0.57389294	0.85382242	0.47336097	1.18419393
2.14732883	1.98464007	2.21988223	1.20346144	1.00898365	0.86044493	1.28805125
1.76006749	1.6683286	1.69195008	1.56719611	2.27858904	2.04582741	2.22618086
0.1580625	0.05852561	0.06962496	0.38092969	0.11325498	1.00E-04	0.23775356
0.8052449	0.93501897	1.089032	0.88945948	1.15213202	0.96422256	1.185102
2.6779969	3.00772354	2.97218322	1.99280484	2.29380299	2.13201084	2.49999207
0.37331227	0.18712292	0.30909882	1.81150465	2.06898	2.01912947	1.95388903
1.69408324	1.41848559	1.59816875	2.3747268	2.68162011	2.45152374	2.892583
1.05788341	0.90890244	0.98038086	1.20367119	1.0781082	0.98411334	1.23310108
2.98720615	2.81527475	2.9660626	3.32106559	3.54455904	3.31327663	3.40159666
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2.11379009	1.6078268	1.62095664	1.33829233	1.59055931	1.36793385	1.38966229
0.36869206	0.23336758	0.26536466	0.56348276	0.44658949	0.23857254	0.55201565
0.77203106	0.78682098	0.77939288	0.91988454	0.53472996	1.03170644	0.72607833
0.93542007	1.08846048	1.19136708	1.17097721	1.15790281	1.05034953	0.92835944
0.99638413	0.8131976	0.86584447	0.57836418	1.04848358	0.86683587	1.3628098
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2.48493161	2.37924336	2.35226543	2.56513225	2.8071275	2.7900192	2.93097004
2.54979171	2.75580874	2.84188433	1.21667676	1.49663109	1.94978795	1.97025516
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1.17691173	0.59221076	0.98821301	0.52428775	0.74567014	0.1338153	0.58779699
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0.93622546	0.86853511	1.03545188	1.54023144	1.79852684	1.70714283	2.11048521
2.55517	2.69868378	2.79262511	2.31320203	2.49321385	2.58714673	2.81377679
2.83582687	2.61604593	2.86325966	3.2866592	3.46450491	3.62650262	3.66201012
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0.797337	0.4972758	0.72294473	1.66475902	1.49218584	1.28596946	1.67764419
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1.02751766	0.92712768	1.01367438	0.84291993	0.81015308	0.85459143	1.05267029
0.63380641	0.97611754	0.95286156	1.7175075	1.83590922	2.05368904	2.20326127
1.17852277	0.99441369	1.21214218	1.2808261	2.03459623	1.52069371	1.76326255
0.77573191	0.82728449	0.89657386	1.00E-04	0.14772414	0.61637011	0.26458434
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0.54928668	0.50896954	0.69920442	0.80398976	1.37375695	0.88125099	1.33292871
1.15881589	1.07330366	1.35715734	1.53240752	1.66547825	1.67369357	2.01832211
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1.17674702	0.76696647	0.92370309	1.03600195	1.22392323	1.1324514	1.27770889
1.54119904	1.56215948	1.50706665	1.76633607	2.20979376	2.0753445	2.21883275
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2.17865416	1.92426724	2.11823279	2.64344341	2.68436951	2.55290957	2.98802365
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2.38940915	1.99489471	2.28574581	2.4332235	2.55152358	2.44080732	2.57672226
2.92620768	2.66629783	2.85827669	2.88519334	3.08243457	2.9847088	3.32220674
2.89420434	2.78163841	2.96612582	2.86556086	3.27543941	3.38853012	3.60918213
2.48416309	2.34912806	2.54860524	2.62424769	2.9005516	3.05797711	3.43673298
3.43019913	3.02254102	3.1060912	3.83006832	4.15184477	3.87982132	4.06003209
1.09800438	0.89224946	0.91516897	1.46436922	1.82605987	1.7641271	1.85063823
2.14806391	1.65225342	1.92166378	1.9000608	2.39415659	2.30879219	2.62753806
0.89475715	0.70569721	0.90227922	0.70312684	1.21653986	1.05771726	1.52492753
1.61983133	1.53371355	1.72168122	1.35391723	1.25707803	0.95620895	1.81350654
1.58954071	1.4503235	1.63663564	1.60408255	1.52009599	1.68940997	1.72575252

0.42218162	0.78484437	0.757239	1.00E-04	0.55836182	0.32907085	0.46978937
1.50689968	1.62563045	1.58009542	1.28286915	1.33688151	1.4477106	1.4134399
2.52393219	2.17872943	2.3519364	2.07484265	2.49391938	2.4329465	2.82120089
1.34631169	1.47149007	1.58669435	0.523587	1.187141	1.02056776	1.36416615
1.54145853	1.73416766	1.77028669	0.87148006	1.18382403	0.86697766	1.56034881
2.6290291	3.06542657	3.0747666	1.190485	1.32574109	1.9709636	1.71310814
1.27671128	1.22944525	1.26816202	0.79547916	0.7655395	0.58036354	0.94548431
1.82118241	1.87367072	1.88985976	1.53306589	1.81752386	1.96811612	1.87694502
0.61487856	0.63951359	0.79589897	0.78460062	1.11198461	1.06408047	1.09495882
1.04297372	1.01988795	1.2397006	1.19422738	1.40314203	1.48831047	1.59697416
3.10175687	2.90246226	3.22298055	2.38237047	2.68206881	2.76927184	2.90023683
3.82052972	3.4030105	3.63018738	3.90987395	4.33435572	4.31170851	4.31862999
3.20889735	3.60622727	3.5564216	1.06632381	1.81927264	2.38214739	2.19739897
1.30721044	0.67521427	0.87373948	0.75868865	1.54772761	1.63184153	1.66601187
2.034967	1.92880745	1.97767568	1.97635163	2.18767458	2.03243377	2.52736997
2.02516402	2.0209798	2.21042275	2.17861765	2.36289356	2.4859326	2.73827214
1.0896888	1.09259606	1.18239857	1.7149219	1.02716827	1.3877148	1.38646183
2.02008045	1.88180749	1.96203106	1.78806888	2.09176111	1.93210882	2.14107198
0.08910665	0.17918252	0.32805158	0.36682991	0.43577195	0.36274992	0.9411024
2.37209487	1.9250013	2.26687313	2.93844374	2.86225187	2.67336803	2.85598989
0.50597042	0.28951612	0.47430852	0.29270011	0.43087641	0.41964611	0.86230645
3.42628844	3.60215255	3.37099078	1.23486647	1.31819093	1.40471799	2.11556107
5.54403126	5.00728994	5.20474032	6.15109125	6.40929713	6.3886786	6.51699388
1.9401857	1.71991873	1.76723609	1.49260451	1.78977509	1.8082625	1.67972705
2.94030603	2.79257421	2.84487043	2.63142714	3.02622739	3.05503136	2.9024665
1.06733231	0.84914565	0.98212875	1.17514768	1.16202139	0.53781537	0.99062869
2.43504656	2.26572975	2.28624038	1.97486047	2.05219457	2.29155059	2.21387567
4.61405389	4.29404165	4.31440795	5.00604887	4.84398235	4.99205728	4.91842293
0.97118444	1.00624346	1.15121728	1.11576674	1.31434201	0.97771449	0.63347719
1.23714833	1.2152165	1.36806404	0.70567529	1.00647107	0.96241598	1.13514692
1.4461567	1.31385497	1.4318351	1.7307779	1.9657914	1.92367825	2.2651509
3.17902084	3.3793306	3.28915916	2.47594881	2.65245641	2.67858745	2.65898657
2.31937628	2.19025446	2.42964122	2.71715635	2.88017481	3.00915616	3.04106262
2.36259089	1.99403909	2.15028104	2.6860741	2.56307727	2.7619445	2.65054639
0.89852504	0.68917511	1.07396308	0.7729343	0.62458112	0.99291549	1.44181309
2.0499428	1.59405899	1.84053547	1.93980545	2.15645166	1.68027119	2.22591872
1.52689929	1.34196658	1.47713278	1.71677317	2.01959052	1.80622735	1.68198665
1.7368399	1.54208111	1.8257372	0.42747489	1.02320363	1.26345204	1.20378912
0.16328298	0.27760176	0.39575994	0.89494165	0.77190121	0.29344175	0.47300747
4.85860796	4.38716139	4.54078604	5.50079329	5.70227424	5.58021211	5.67601354
2.13511324	2.23595468	2.28799399	2.56826887	2.61080478	2.79834393	2.73203984
2.53421462	2.60997552	2.84148637	1.62591848	1.73724581	2.08392799	2.16924209
5.06933617	4.54623735	4.69073552	5.49377073	5.84253701	5.76909832	5.72288033

1.89338486	1.76182475	1.95200728	1.54950423	1.91936775	2.24758801	1.90847259
2.88523673	2.75869903	2.88096048	2.66980526	2.52897833	2.74686673	3.08812569
3.7637689	3.42011838	3.62579811	4.49176408	5.0231401	4.9211411	5.00047693
1.90964954	1.51658939	1.5714472	2.58203788	2.95484379	2.58164529	2.58939032
4.48268132	3.93748525	3.97396222	4.5751199	4.71844873	4.78415119	4.77071522
3.49223602	3.26438718	3.40127762	3.84842296	4.00231523	3.84797971	3.99773825
1.7041579	1.64279622	1.76233229	0.96840064	1.36285084	1.30214287	1.64707924
1.54899692	1.08731732	1.37534001	0.3391407	0.44379048	0.55688307	0.73454833
0.02884551	0.03161675	0.09590635	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77977976	1.46351833	1.69990845	2.64430099	2.85422353	2.68740368	2.93616015
1.34194517	1.15887083	1.50464713	0.89401918	1.37162459	0.79097571	1.06865837
1.3025151	1.44226902	1.50886077	1.66486823	1.77563626	1.62944233	1.68118808
1.78971566	1.86282732	1.93924998	1.95876797	2.26161332	2.25327475	2.44119518
1.94974893	2.03724477	1.97762261	0.35098057	0.68091299	0.42142826	0.98607695
1.34265179	1.14526322	1.30744739	1.15596416	1.5659957	1.69857083	1.87054857
2.49804606	2.49383325	2.75476379	2.08372964	2.42263763	2.51804163	2.51753536
2.36573515	2.01335182	2.00788913	2.19066435	2.39257351	2.40857568	2.52972855
0.8467056	0.99515848	0.89807291	0.1523795	0.45868976	0.49589584	0.28589045
2.21628538	1.9148041	2.2072409	3.09726719	2.7785407	3.13466165	3.1798756
0.60273242	0.39950382	0.5441666	0.73777373	1.01533335	0.90039552	1.19633689
0.14548003	0.10735623	0.11784184	0.80974697	1.56499187	2.13706181	1.49932751
2.34443606	1.82640784	2.09482929	2.04533889	2.40321376	2.62396553	2.75610914
2.18647959	2.25840187	2.15490583	1.41632549	1.70724718	1.68105226	1.47641815
2.1010532	2.32120162	2.43422012	0.7715007	1.66240853	1.6563895	1.94201793
1.76567414	1.8452577	1.86880927	1.18424795	1.29649511	1.19524099	1.43050981
1.5629244	1.6239769	1.8415823	0.78997672	0.80869253	1.09687931	0.81403239
2.83594429	2.52605	2.75779173	3.27137378	3.63642923	3.50065486	3.72884926
1.76566164	1.57674392	1.54267167	1.75294784	1.71869195	1.68142102	1.9373618
1.77829313	1.38377011	1.63554402	1.00E-04	1.00E-04	0.49691955	0.45153631
1.46083141	1.33241324	1.57318316	1.71454004	1.77643121	2.04457243	2.5015992
2.62363322	2.38352344	2.57766175	2.43803106	2.82724475	2.79833584	2.85237176
0.07215939	0.2478887	0.23345082	0.65484942	0.09193585	0.10341709	0.19218679
1.40451599	1.77638562	1.87260872	0.3868589	0.88392032	0.76292313	0.94406752
5.85312401	5.55618187	5.52897784	3.21283851	3.27094122	3.24223955	3.31447719
4.42129964	4.94559609	4.92713662	2.75023236	3.05824627	3.91057923	3.98997319
1.87698483	1.69994047	2.05143735	2.25277314	2.52979933	2.23722968	2.2908221
1.96261363	1.47177331	1.49703195	1.42305146	2.12545147	1.64867524	1.8406659
1.42550669	1.15483307	1.22648032	1.21194389	0.9980088	0.79511022	0.9991053
4.49251383	4.01518171	4.43913269	3.68588043	4.16824365	4.28036922	4.33849833
1.93611854	2.21300646	2.22111355	0.54582926	1.38007333	1.59456789	1.78309754
0.43127062	0.49810533	0.5268782	0.59408852	0.77037576	0.9465403	0.94991043
1.21323158	1.15637858	1.12110771	0.7278559	1.47029172	1.4356518	0.99064224
2.08484228	2.04561052	2.31223378	2.06468874	2.05490904	2.44635766	2.46197536

0.32839888	0.50311761	0.50726766	1.01461814	0.20336642	0.44494301	0.68456392
0.33335942	0.53302208	0.54773284	1.00E-04	0.66062298	0.46959933	0.58501963
0.73410765	0.58462593	0.68399027	0.96995123	0.82020216	1.45880436	1.6593342
3.42133153	3.25964575	3.54466504	3.38103774	3.96206758	3.83901774	4.0826299
1.3216463	1.04253503	1.3053702	2.22855856	2.86825295	2.94125484	3.07612502
2.42721279	2.21017897	2.4365875	2.80595955	2.85904644	2.84203051	3.04313478
2.95130658	2.79580266	2.92184555	3.30469735	3.76161983	3.83171854	3.8781359
1.78114461	1.52785433	1.63227212	1.21662247	1.06878594	1.14199054	0.82768486
1.54531169	1.41241238	1.554584	1.72325983	1.47631516	1.91363459	2.01611094
3.15545098	3.27152495	3.24699794	2.47460179	2.79984163	2.80269275	3.01877479
1.17756222	1.36208631	1.53081342	1.55350494	1.48986612	1.50585877	1.84482073
0.26861114	0.34622105	0.29144083	1.00E-04	0.12847394	0.28139241	0.41767622
0.4606719	0.45156714	0.59779679	0.72689993	0.39993006	0.29546596	0.30907771
0.18505432	0.09794038	0.10032842	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95868812	2.20803805	2.33839227	1.10296333	1.15119873	1.45128878	1.69684936
1.59543304	1.39209497	1.81192008	1.91501916	2.37897584	2.41216222	2.63236074
1.55422483	1.43825304	1.61138187	2.27024904	2.48774286	2.27061494	2.56071666
1.68090304	1.4086756	1.78338836	2.28942701	2.38898676	2.47453433	2.57317183
0.80621188	1.10197033	1.16523354	0.27462507	0.71276275	0.78179835	0.99889436
0.99238166	0.86405733	0.90210808	1.04854996	1.33676962	1.33399141	1.35474999
3.70739226	3.53797125	3.63528223	2.6622123	2.94756627	2.9381812	2.87150528
0.3041521	0.10171153	0.11161085	1.00E-04	0.23981619	0.28270426	0.24083039
3.15224815	3.00342013	3.32377537	2.69824904	2.9442141	3.12272004	3.15873429
1.8383226	1.55013719	1.60634648	1.80864111	2.54964073	2.56796787	2.57070411
2.41866313	2.25431777	2.57494186	2.37812805	2.77290751	2.71549865	2.98340329
2.33734881	2.42121683	2.52215683	2.25014262	2.17869919	2.16599514	2.45443049
0.94546737	0.90906662	0.94996332	1.36522878	1.36090272	1.15617987	1.17218268
1.33468926	1.32732745	1.47292343	1.230894	1.37341741	1.65788949	2.06549846
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1.00E-04	1.00E-04	0.01411448	1.00E-04	1.00E-04	0.06898678	0.46200687
3.81690276	3.75195854	3.72557057	4.00644016	4.23260318	4.24314442	4.37560971
1.00223398	0.71517441	0.72708432	0.44995557	0.10296564	0.33905222	0.48745292
0.2872177	0.05941157	0.1003855	1.00E-04	0.38826347	0.1994391	0.46326521
1.70353841	1.57237065	1.74577389	2.18929592	2.34522148	2.27172461	2.2021148
0.81333532	0.8599322	1.04941651	0.62786962	1.14384346	1.14964969	0.97797886
3.07353633	2.64153304	2.66334804	3.17290239	3.40024505	3.44612019	3.39403876
3.19062652	2.7346957	2.92086606	2.14739035	2.34589233	2.44161191	2.8920373
0.899214	0.88805804	1.10473125	0.60758353	0.30605895	0.54118724	0.27024036
1.01289581	0.51071248	0.63105912	4.40450855	4.52418366	4.5749499	4.77037693
0.56451748	0.48355556	0.57761817	1.45864777	1.27878574	1.30642452	1.66312878
2.77561828	2.97963285	2.86602554	1.68606067	2.1727926	2.55409298	2.62443561
0.14590303	0.16861732	0.43497551	3.90647007	3.668477	3.76100075	4.42843419
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0.4408206	0.43288332	0.56367659	0.42454958	1.12554648	0.45601889	1.13044463
1.68179901	1.40947397	1.61924937	1.81283006	2.05673592	2.09211614	1.8990292
1.86263184	1.95215623	2.15169499	2.07401091	2.50742866	2.63093739	2.67427928
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.06511911	2.9048821	2.86617724	2.02815595	2.41662169	2.31893291	2.69026203
1.09863024	0.88525185	1.02070767	1.49294749	1.94731659	1.59363679	2.08192666
0.73889202	0.71507315	0.66578261	0.26219285	0.17819999	0.571863	0.59631396
0.25214527	0.12886421	0.17729675	0.40143226	0.23133386	0.10732166	0.15980865
0.03593096	0.01938811	0.02902428	1.00E-04	1.00E-04	0.09048047	0.09763881
2.33018266	2.27091362	2.57887483	2.53808577	2.660405	3.02791997	3.17860177
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1.23492734	0.92599266	1.12207229	0.59487266	1.20649903	0.82144258	1.47414099
0.14394729	0.17107996	0.20914493	0.12538893	0.66381622	0.41386461	0.63140745
1.35392011	1.40270723	1.38672606	0.630843	0.5308653	1.00630779	1.50366439
0.13154001	0.08526126	0.1553454	1.00E-04	1.00E-04	0.12321467	0.08976732
0.89386393	0.83109797	0.82529595	0.45273841	0.88251765	0.67040197	0.68346335
1.84117452	1.47124277	1.6725125	1.66875331	1.62096259	1.18809627	1.72134214
5.05666663	4.12984114	4.28319392	4.1184662	4.74737132	4.47406143	4.51606304
4.28158483	4.60125864	4.5483705	2.18547807	2.95099194	3.42880982	3.53862465
1.90598692	2.08551098	2.05861151	0.52154799	0.74215497	1.15706142	1.22842905
1.20489721	1.00559666	1.29066239	1.65109358	2.4677017	2.63008402	2.60520357
3.64097863	3.53954561	3.69190137	3.61720664	3.89682506	4.08538675	4.02782052
3.20295022	3.6898159	3.71225891	2.11334033	2.28156479	2.9373839	3.27099171
2.76311017	2.99505626	3.05563891	0.88118455	1.32604195	2.05337711	1.82637587
4.39054705	4.11628219	4.31351606	3.92954341	4.21445798	4.35379727	4.09546467
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1.00E-04	0.04054406	0.05419847	1.00E-04	0.29053496	0.36596908	0.34279316
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.02693994	0.03426215	0.04073986	0.09600186	0.03439155	0.1570914	0.14689058
0.53615717	0.37038598	0.43435594	1.95274161	1.0161196	1.0780464	1.36463636
0.06455419	0.00683316	0.00866573	1.00E-04	1.00E-04	0.30818971	0.28294455
0.04888892	0.0641432	0.09241858	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.11813716	3.37145324	3.34937564	2.3214464	2.57659032	2.75343539	2.64272494
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3.66190757	3.81906755	3.7799657	3.89377759	4.14074314	4.48298299	4.56097686
4.37934823	3.82082853	4.00033641	3.85825264	4.3204996	4.09324617	4.3221414
3.96163148	3.99459577	4.04544469	3.75982884	3.93357691	4.04583075	4.12766471
1.13417486	1.51771388	1.39141758	1.00E-04	0.15349374	0.35978959	0.43749483
0.22134606	0.42364602	0.52104059	0.20030589	0.8630894	0.49893998	0.78096075
1.66063138	2.04100858	1.92633818	0.79321913	0.14757149	0.84880231	0.69081721

3.39309743	3.18554432	3.39653138	1.77182968	2.29624958	2.34056519	2.93081477
1.24404656	1.06595357	1.25661665	1.81989499	1.99872968	1.85581593	2.12210987
1.18040405	0.92350493	0.89276164	0.48520276	1.22516179	1.13400834	1.0374905
2.48703843	2.4721876	2.53882213	2.14012283	2.68158571	2.50949633	2.66090258
0.79233762	0.81585772	0.84139261	0.23693465	0.56729609	0.33863295	1.00561753
0.02581943	0.00532751	0.00719287	1.00E-04	1.00E-04	0.24056225	0.11557836
2.04226562	2.02461658	2.15647289	3.14098654	3.54855881	3.26308956	3.43070012
1.79519992	1.81769693	2.03122817	2.18805595	2.27128773	2.48932	2.4085925
1.84315878	1.66395881	1.81427858	1.41752239	1.82893079	1.93163014	2.28362657
1.14881918	1.40816325	1.4453243	0.59762683	0.79079426	1.08336616	1.48860593
0.58631671	0.84202423	0.59524655	1.00E-04	0.13949942	0.34302293	0.91064785
2.02644205	1.77891663	1.95903876	1.78932146	2.52639777	2.42565982	2.72217057
1.00E-04	0.01575126	0.02309544	1.00E-04	0.15031585	0.21390178	1.00E-04
2.31207943	2.16661945	2.26588533	1.18905954	1.59689633	1.68527441	1.7136472
1.45223238	1.45869889	1.60132529	0.71617549	0.91641222	1.22455528	1.19477242
1.31499859	1.40672779	1.51859429	0.21214801	0.64160456	0.94211009	1.02576253
0.03943658	0.05793051	0.01780012	1.00E-04	1.00E-04	0.11877123	1.00E-04
1.35846877	1.07179522	1.38036894	1.50288665	1.85251894	1.3454678	2.11657354
4.73948371	3.86122091	4.31421295	4.30511778	4.65628575	4.84952698	4.63181223
1.62037843	0.99063168	1.35053047	1.91423134	1.93273891	1.8102985	1.86213941
5.76725206	5.03743694	5.21616248	5.11901881	5.34658122	5.25082842	5.1887287
3.6162602	3.61403998	3.72913658	3.62940856	3.82441012	3.88553904	4.01625011
3.32730022	3.12598313	3.31092306	3.30345809	3.49177469	3.88691423	4.04261517
2.13823164	1.86516996	2.13235349	1.89274702	2.49739819	2.40587482	2.48242451
3.58679769	3.36705887	3.45244177	2.81902215	3.2197331	3.21925779	3.22903607
2.70209017	2.33019698	2.50591384	2.69634381	2.89653185	2.93329949	2.85690493
2.41856699	1.68483284	1.65155453	2.36737238	2.78684013	2.46135683	2.25450038
0.65552331	0.93579633	1.04520066	0.25995094	0.30015173	0.52816128	0.94543545
1.05234383	1.11082468	0.88482647	1.11540954	1.2131222	1.487404	1.26117984
3.28222247	2.98798059	3.23575377	3.64532902	4.00904771	3.79719264	3.84896688
1.13094386	0.74445771	0.79265246	1.53410515	1.51761974	1.25603928	1.5032999
3.59897479	3.02323161	3.16624737	3.55425398	3.70985624	3.64942951	3.88166657
4.10230958	4.31430969	4.29687372	2.72574597	2.87036859	2.9899179	3.00849019
4.61472828	3.96267941	4.10664481	5.3351552	5.69105552	5.46886091	5.46215338
4.57403066	3.95038678	4.16969586	5.28148814	5.57544533	5.44795582	5.50618965

C4.wk5	C4.wk11	C4.wk13	C4.N	C5.wk5	C5.wk11	C5.wk13
1.00E-04	1.00E-04	0.04732804	1.00E-04	1.00E-04	0.28135532	0.39041828
1.00E-04	0.13260722	1.00E-04	0.03169284	1.00E-04	1.00E-04	1.00E-04
0.16636142	0.51658283	0.21450109	0.11077557	1.00E-04	0.77481956	0.13285762
0.51174798	1.77745894	1.20263739	1.27788065	1.26693598	1.83073049	1.87143938
0.59262497	0.63400788	1.04641882	0.85777445	3.23253585	4.03444263	3.81640774
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.42342298	2.33357118	2.37354777	2.29052548	1.57179718	2.09630034	2.32284865
3.8831991	3.85805821	3.5113865	3.57988147	4.18144656	4.02117538	3.45110661
1.00E-04	0.41668466	0.6489237	0.35980546	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22921129	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4454017	0.19615963	0.29886822	0.13473027	2.6670282	0.67987378	1.09304461
3.27757257	3.60616904	3.27851658	3.19165084	3.58507893	3.90737466	3.44312123
5.90504977	6.14136519	5.84823666	5.69542519	4.24302143	4.19090999	3.89691136
2.23242743	2.55238894	3.10697271	3.08257579	2.49408509	2.21460143	3.18397961
2.55302842	3.02123622	3.46992496	3.55491857	2.26064191	2.56616522	2.99756605
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.28295305	2.79031219	2.52888975	2.67161674	2.01111984	2.98851183	1.98297146
3.95363533	4.52474168	3.9600729	4.26688404	3.87351095	3.82410544	3.70677334
1.46531808	1.94488402	1.70085596	1.74581695	1.51817911	1.77456905	1.41808024
2.72121095	3.01041408	3.07105869	3.15741161	3.13218985	3.27911442	3.34481601
2.96719056	3.22381762	3.26487622	3.26992517	3.271015	3.3310959	3.18883499
1.61349187	1.88599865	1.20203153	1.26485571	2.49210581	2.6829359	2.34917862
4.72094187	4.77690088	4.5246657	4.47763032	4.80078668	4.86886157	4.4605387
1.00E-04	1.00E-04	1.00E-04	0.08964846	0.86941673	0.26855651	0.65953826
3.26001627	3.25736603	2.86230621	2.66061235	3.3321668	3.68442478	2.80009721
3.09542322	3.45033442	3.02746081	2.57850412	3.02497174	3.81669559	3.75163717
1.99277635	2.53017888	1.724781	1.88137232	1.07365411	1.75497372	1.52188033
0.25546422	0.23062623	0.03367236	0.07644621	1.00E-04	0.71250596	1.00E-04
0.81182275	0.38905526	0.17962895	0.3882766	1.00E-04	1.00E-04	1.00E-04
0.24197078	0.39328877	0.16492186	0.13417548	1.00639663	1.00E-04	1.00E-04
2.41009589	2.23324758	2.33278946	2.24803587	3.85277238	3.05749052	2.34184319
1.92820686	2.06602108	1.6371356	2.21117871	1.80924553	2.47670394	2.05872794
1.00E-04	0.79255192	0.29821891	0.54416984	1.00E-04	1.5376816	0.74197924
3.58254212	3.7764493	3.54952631	3.47420388	2.53909404	2.9580055	2.90454964
1.03478673	0.18414442	1.0026817	1.22406826	1.00E-04	1.06619223	1.55151823
3.04786212	2.54768724	2.76362279	2.94200407	3.45427727	3.29498002	2.85539116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62802781	0.07806238	0.07157234	0.25904859	1.00E-04	0.27606067	0.54475208
1.44186147	1.35810257	0.81810663	0.81356955	3.06934927	2.08462181	1.59577723
3.87823852	4.0287447	3.92128106	4.03601631	3.98483961	4.18475043	4.01317106

1.00E-04	0.33725556	1.00E-04	0.08699794	1.00E-04	1.00E-04	1.00E-04
0.17061638	0.16097413	0.1692321	0.22309769	1.00E-04	1.00E-04	1.00E-04
0.20345	1.00E-04	0.14132759	0.17621236	1.00E-04	1.00E-04	0.21257887
1.0224872	1.49180053	0.97313285	0.79177863	0.77322435	1.23888434	1.33089255
3.65494031	3.78400648	3.466107	3.49995536	4.2528573	4.08779216	4.12905249
1.87093459	2.00375449	1.87859242	1.96048812	1.00E-04	1.62730522	1.495814
0.59523168	1.71634095	0.62193598	1.028982	1.3720938	1.37345965	1.36219623
4.59640754	4.83007785	4.49826109	4.35932276	4.75148459	5.101509	4.53737259
3.52382401	3.66469277	3.35379715	3.30393035	3.09966973	3.07662102	2.73083719
0.26060442	1.00E-04	1.00E-04	0.08539189	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0479524	0.1794379	1.00E-04	1.00E-04	1.00E-04
1.148179	1.7406658	1.34537025	0.97991355	2.18336535	1.2876604	1.66937521
0.78730899	1.00193652	1.32091255	1.36855164	1.00E-04	1.12926115	1.98313437
3.83436011	4.04954594	3.59605632	3.47818925	4.56943333	5.20459257	4.76541261
3.60189624	3.23695998	3.31633844	3.18466342	3.1319949	3.30632862	3.19255562
1.03306404	0.91938489	0.84438365	0.80801319	1.03691098	0.62993489	0.8215358
0.25333901	1.00E-04	0.12789376	0.07729204	0.40975599	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05441302	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75900783	1.2470326	1.05887413	1.20433503	1.81720509	1.00E-04	1.32783552
0.54257147	0.11488356	0.36618368	0.05782762	3.1710163	2.64054206	2.4498944
3.96085179	4.22643622	3.85243837	3.75679825	4.02585817	4.17828042	3.64004732
2.93255876	2.97386687	2.89562016	2.95964482	2.60197379	3.09764775	2.98683888
3.85566839	4.15101887	4.01513622	4.06973191	3.64098359	4.02032577	4.15031677
4.14246639	4.27764072	4.41650233	4.40961217	3.74584257	4.12779051	4.3016181
1.98575171	2.91898609	2.56805922	2.5308404	2.27570646	2.44565555	2.52920435
2.2903387	2.51183646	2.65245795	2.54292758	1.86075303	2.39966409	2.63637561
4.16544061	4.09738779	3.93994081	3.6924871	4.36225506	4.94224442	5.19270391
4.61612664	4.67596148	4.36676365	4.18518266	3.77536606	3.65858009	2.78743712
1.00E-04	0.14903946	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26076105	0.316726	0.20754782	0.29853688	1.00E-04	1.00E-04	0.2166229
0.33971235	0.53759579	0.17474453	0.26980452	1.00E-04	1.00E-04	2.08688124
0.42191073	0.14334273	0.55971365	0.62658801	0.752506	1.00E-04	0.33758991
1.42963528	1.83103468	1.82265405	1.84822829	1.69692057	2.04899443	1.73420479
1.4172078	2.42621319	2.44229982	2.56297369	2.0586607	2.03292028	2.75785901
4.62048454	4.51358594	4.32104975	4.33616973	5.14011851	4.96965898	4.7420684
1.07316593	0.23968273	0.34775257	0.38134848	1.00E-04	0.34644897	0.77184628
3.09094355	3.21045431	3.11446529	3.13245507	3.36783041	3.12119523	3.07590052
2.59001938	2.43108281	3.15272082	3.11639843	2.91922718	2.72390675	3.02164222
1.60899789	1.24727647	1.34520574	1.15932113	2.75512505	2.08288051	2.06849572
3.50733286	3.62939815	3.73249769	3.67006604	3.98480213	3.57235779	3.73767445
1.00E-04	1.00E-04	0.06453097	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.5789123	3.8944939	4.23360574	4.25325872	4.03389688	4.09419368	4.39441735

3.70696206	3.61434211	3.5532741	3.43488713	4.21625758	4.44815379	4.14140884
3.47250761	3.76078262	3.26638472	3.30172677	1.70838229	2.55548443	2.19295499
3.74366136	3.94724997	3.89188139	4.05068616	3.8625457	3.89942012	3.9153192
3.83707554	3.90516517	3.57829216	3.57845216	3.62113294	4.34845945	4.55373563
4.22311291	4.11527589	4.11634465	4.04731381	3.64349597	3.66861512	4.02629294
1.65282948	1.74760144	2.00107142	1.88111523	2.4150024	2.20350658	1.89604692
3.17329456	2.83160248	2.97232296	2.96807927	2.90746087	3.20594821	3.7809343
3.92020474	4.15327968	3.82261851	3.59158697	3.66260298	4.01659401	2.97233077
1.83481	2.1352641	2.39508701	2.35029152	1.82768341	2.50131185	1.59341351
5.11852301	5.39368904	5.08112727	4.93544006	5.44240567	5.75754029	5.42488181
3.31862567	3.65539793	3.1775039	3.18223291	3.25000094	2.69175956	2.59075426
2.26254348	2.69170074	2.6710633	2.53202915	3.27472782	3.03030788	3.19498047
0.76105559	1.48070547	1.39900205	1.76480035	1.00E-04	0.69293531	0.80660957
2.11400185	2.55124324	2.46039009	2.47007074	2.17018425	2.66663563	2.71368859
4.71541924	4.86627506	4.56661692	4.46301278	4.79531715	5.07378054	4.55527879
3.5486932	3.79390185	3.37048955	3.32289716	3.84999338	3.99571417	3.72417228
5.43422815	5.51799906	5.19732813	5.29859377	5.61630013	5.81669979	5.24359584
1.50602779	0.98967745	1.04327368	0.95261127	3.24851536	2.45141302	1.50589949
1.00E-04	1.00E-04	1.00E-04	0.21727479	1.00E-04	1.00E-04	0.1313165
0.31246706	0.57919891	0.47174122	0.3682392	1.00E-04	1.09866233	1.00E-04
5.52474496	5.34270966	5.23594687	5.03035162	4.73997152	5.04885619	4.80941283
0.3912543	1.00E-04	0.77324845	0.68901178	0.74910948	1.45357467	0.78659931
4.33092936	4.5585545	5.65891899	5.74945472	3.58344569	3.82662614	5.21924136
2.48828866	2.75058804	2.78003569	2.87816634	2.41326594	2.79227578	2.78528183
2.61073564	3.06193706	3.03617371	3.28593987	3.33588583	3.2748079	3.3972837
2.329773	2.55280409	2.98720776	3.1612777	2.47834254	1.74683318	3.07995942
2.2296697	2.10317396	2.39041924	2.41393029	1.19100559	1.94704389	2.33983025
1.97190071	2.21485726	1.61017923	1.55036304	5.41492458	4.86359877	2.91158894
2.27082525	2.35708121	2.41274553	2.53325817	2.08026581	2.44579576	2.95925327
2.93552734	2.93945882	3.01878037	3.18262142	2.61908336	2.55906953	3.2481437
3.44783048	3.5825425	3.12733867	3.08534119	3.54148929	3.75338779	3.36448862
1.10040452	1.44722965	1.05025993	1.09525152	1.00962972	1.36321823	1.58044168
2.0579836	2.6306601	2.54312806	2.45769282	3.18072645	3.28267705	2.9849865
3.21992664	3.3867545	2.94485332	2.96536898	3.05679223	3.04208573	3.05062765
1.90948982	2.45346976	1.95240896	2.00385349	0.58708779	1.77658199	1.50624614
2.0646179	2.63737947	2.1820036	2.17739682	1.70935438	2.38888974	2.55471944
0.17537753	1.21043303	0.46522485	0.70744248	0.82857057	1.81432373	0.67034002
3.29951591	3.21483969	3.45957429	3.26049008	2.97948607	3.24543101	3.42203241
2.25708578	2.71655943	2.75767493	2.75528209	2.29044586	2.14617531	2.50223429
2.89171521	3.48600146	3.2003578	3.1258213	2.92219327	3.44153638	3.15895373
2.64354303	2.74625797	3.12338691	3.10987672	3.04277361	2.80515389	3.23472476
1.00E-04	0.42702259	0.25807972	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.45108226	4.3376055	4.50189698	4.70766029	4.06467285	4.13204044	4.02816047

5.8758483	6.00404829	5.78572265	5.74035819	6.31047031	6.6527797	6.25504631
2.41573551	2.92478222	2.32171153	2.5637092	3.04311354	2.78849518	2.57517669
3.40702409	3.96009503	3.85358953	3.90927417	3.50448073	3.80668961	4.07656413
2.5487725	3.18513708	3.57566623	3.64738551	2.97823576	2.8739447	3.69893401
4.00361331	4.42374592	4.33282166	4.27173996	4.28179438	4.59763739	4.49574802
0.70965939	1.2654542	0.95680275	1.088262	2.12051757	1.62288822	1.60020364
3.46139712	3.79102255	3.76870242	3.72397611	3.88099441	3.27788866	3.43446053
3.99879086	4.43702038	4.01997433	4.09328097	4.77866567	4.96040295	4.60500732
1.00E-04	0.27461466	0.21814595	0.28627011	1.00E-04	0.64238088	1.00E-04
1.71589333	1.42225943	1.54536692	1.55503668	1.61030479	1.4460191	1.03375984
1.00E-04	0.13260722	1.00E-04	0.13799447	1.00E-04	1.00E-04	0.11491268
0.95177963	1.11705753	1.76362495	1.78169273	0.768034	2.0159876	1.25643399
1.00E-04	1.00E-04	1.00E-04	0.07837773	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33517108	0.13770247	1.00E-04	1.00E-04	1.00E-04
0.55040869	1.00267536	0.80522205	0.99812858	1.81582591	1.18578548	0.8216051
2.51651229	2.06727136	1.64736305	1.69599161	1.84451228	1.83373084	0.90834379
4.27263037	4.52711689	4.27150751	4.19579262	4.61081736	4.7144543	4.75731607
1.00E-04	0.27779723	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.83619589	4.85262835	4.63697856	4.62499564	4.89020655	5.07830176	4.68126982
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43065453	0.17254764	0.18571131	1.07694717	0.53331445	1.23123344
0.32979817	0.50302865	1.29943581	0.96487052	2.82023034	2.87157265	3.31588174
0.86031487	0.8022873	0.89683383	0.66418665	1.00E-04	0.52314182	0.6171328
3.76959868	3.94979932	3.71678179	3.82326568	4.06761804	3.98881943	3.82638736
1.00E-04	0.58855522	0.16997471	0.24202642	1.00E-04	0.28241755	1.00E-04
2.66445664	2.9670886	2.72845333	2.62605909	1.24368199	2.90304927	2.59521343
3.71058249	3.92607119	3.75085324	3.64372291	3.88148951	4.31127599	3.90606676
1.00E-04	1.61586741	0.08609898	0.18330586	1.00E-04	0.57503905	0.40071654
1.22145729	1.13583057	1.20412626	1.53771766	2.29685753	0.39904739	2.09437822
0.15660685	0.98228065	0.37550814	0.21933818	0.63609922	0.3670047	0.72173252
2.39665388	2.72605822	3.11284202	2.96805836	2.3925074	2.32950173	3.52348833
1.38664217	2.09150887	2.7171486	2.92394881	1.71651959	1.99285216	3.26110413
1.00E-04	0.28319007	0.58616743	0.14104636	1.00E-04	1.32126989	0.77188075
1.35733392	0.31293385	0.85605496	1.01500667	0.63609922	0.55707341	1.0070924
3.81087139	3.72014559	4.02031533	4.19512201	2.09556279	1.5342546	2.6408597
2.26824211	2.46029908	2.77856092	2.68894353	2.01312889	2.83857558	2.41406695
3.43688865	3.49227657	3.52254969	3.62147267	3.33213699	2.88081599	3.57353238
3.38425063	3.73004066	3.40734227	3.49673566	3.64813055	3.29563552	3.44408682
0.51361959	1.11394744	0.41135787	0.72023122	1.81932707	0.62608956	1.01711287
2.74569775	2.74684901	2.44122837	2.49035435	2.13911781	2.62182254	2.18331422
3.54942699	3.69464099	3.22030042	3.39137384	1.15140245	1.48468894	1.43091262
2.9536898	3.39953024	3.64516216	3.79370602	2.64055497	2.68346934	3.45804691
0.72620252	1.07005925	1.49924453	1.37591332	1.00E-04	1.2633937	1.40279108

1.09707108	1.24320751	1.18669616	1.15124024	1.00E-04	0.51379071	1.48133938
1.53498965	1.63941253	2.60937702	2.23349549	3.31074327	3.32879623	4.25938661
2.59579863	2.16589887	2.37864658	2.50195114	2.19037614	2.00111948	2.36542432
1.00E-04	1.00E-04	0.05299778	0.04667415	1.00E-04	1.00E-04	1.00E-04
0.28642711	0.22760809	0.58219295	0.21908039	2.04168001	2.05273932	1.36413253
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.61262853	0.72583193	0.86713324	1.00E-04	0.28241755	1.12511116
0.79055933	0.78821812	0.78096994	0.40428266	1.00E-04	1.00E-04	0.27004553
1.00E-04	0.32855152	0.3618402	0.32342752	1.0651258	1.52797239	0.75430157
1.00E-04	0.33646412	0.4032073	0.08823849	1.00E-04	1.00E-04	1.00E-04
2.53008116	2.60386378	2.70174525	2.85600824	2.95142189	3.00026475	3.08025563
2.88540819	3.18771195	2.50721807	2.30610918	3.74287642	3.40660074	3.19768973
3.32946515	3.51530072	3.33653912	3.22939875	4.10830028	3.96353864	3.66749764
3.5109051	3.63175392	3.24976494	3.35353528	3.81472401	3.22775057	3.43662386
4.82476204	5.00965462	4.53307328	4.61972113	4.62589783	5.07094765	4.29247748
2.92420873	3.17627593	3.29661438	3.42485301	3.1401075	3.37071856	3.19873038
0.34943781	1.00E-04	0.15995195	0.06694181	0.69043823	0.50196154	0.09464396
1.00E-04	1.00E-04	0.08835182	0.15308409	1.00E-04	1.00E-04	0.53349818
0.65663773	0.53363439	1.03722587	1.11589189	0.58708779	1.44403603	1.36337538
0.85458188	1.50007095	0.99508492	1.13406731	0.65910354	1.00E-04	0.36980447
1.00E-04	1.00E-04	1.00E-04	0.11190723	1.00E-04	1.00E-04	1.00E-04
3.21211181	2.87255039	3.29330473	3.26289402	3.3536217	3.03338435	3.05591758
0.21092722	0.91881144	0.83060116	1.06765084	1.93422569	1.28393519	1.79062385
1.00E-04	0.26503836	0.17233044	0.22682756	1.00E-04	1.00E-04	0.23172291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19124552
0.99325629	1.23370209	1.33439539	1.55003952	1.06226135	2.32601962	2.238865
4.26479687	4.10320715	4.54704913	4.63946427	4.28183272	3.740839	4.50281995
5.96522764	6.36339989	7.0212543	7.19847858	5.2709637	5.48820408	6.71652584
0.3422687	1.00E-04	0.27516734	0.05763682	1.00E-04	0.45330561	0.23721926
1.00E-04	1.00E-04	1.00E-04	0.04327766	1.00E-04	1.00E-04	1.00E-04
2.3487975	2.86424226	3.01131493	3.0749444	1.48268956	2.46155522	2.98816392
1.00E-04	1.00E-04	0.20495263	0.13618431	0.38530742	0.30127966	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19220506	1.22828096	0.80715485	0.64224094	1.00E-04	0.30709731	0.49077974
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.44929515	2.8886983	2.87924595	2.84956508	2.96672298	3.18654662	3.63298303
0.49784987	0.52208087	0.35141668	0.41549457	0.48823099	0.98585584	0.13285762
1.44875121	1.34717819	1.0426046	1.14905572	0.69094647	1.14245465	0.29945792
5.19815653	5.22997872	5.26548855	5.05061772	4.46970128	4.34170972	4.20556369
3.81996899	4.07420844	4.17833026	4.15814232	3.68720678	4.11393223	4.10260341
2.54396306	2.79906838	3.01004463	3.03588778	2.02814423	1.76857818	2.64364266
3.01675713	2.97130922	3.01170303	3.30577258	1.9451902	2.47206911	2.07738568
5.64498885	5.83687804	5.8437511	5.87313385	5.9294705	6.07039293	6.10526566

5.56396392	5.71543762	5.75992707	5.82050226	5.71809977	6.09731029	6.01478667
3.10294084	3.18102028	2.7604758	2.8215298	3.11675761	3.61833144	3.11209722
2.93223443	2.82693254	2.63816389	2.73101723	3.17815001	3.13983455	2.62422871
2.65214805	2.79991993	3.06838058	3.22853462	2.64036936	2.71488938	2.82258923
1.86212262	1.61468562	1.24815928	1.40458734	1.11738781	0.99976414	1.26138408
1.06338587	0.60874393	0.63854229	0.64762765	1.68850638	0.73006578	1.34139687
3.90564113	4.02768662	3.54844465	3.45994016	4.16025018	3.87341812	2.93537869
1.18212367	1.74140547	1.29547319	1.69225401	1.41077241	1.93153381	1.48932121
2.92217511	2.67544517	2.34304413	2.22351068	1.00E-04	1.0592027	0.85695622
1.89233393	2.0068772	1.58352241	1.50125922	2.78904914	2.22332864	2.54390483
2.11644606	1.20468919	1.14133501	1.47088422	1.92823103	0.89854394	1.9216428
0.68583674	0.41460885	0.96528885	0.79088071	0.59676012	1.06179699	1.80560746
2.28654126	2.66228793	3.26453413	3.46071022	1.67802912	2.27911774	2.99730329
2.7249878	3.27186362	2.83028047	2.77858023	2.70977357	3.46382786	3.52470878
3.37276196	3.46112376	3.94839206	3.95539995	3.37099307	3.9480087	4.03188216
1.97231176	1.69593242	1.92663887	1.64950952	4.49686339	3.62414268	3.66947853
1.00E-04	0.45073748	0.34338977	0.41560146	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.92643721	2.7857175	2.89712168	2.92454822	2.86901151	2.96292649	2.91984512
1.94873242	1.91202781	1.68633352	1.71529882	2.34893366	1.82190366	1.53174972
5.10766773	5.25592857	4.97458423	4.82795869	5.15040107	5.23296695	4.93706931
0.56215843	1.00E-04	0.47196624	0.64810378	1.00E-04	0.25244024	0.46435976
5.29171776	5.65410206	5.16255823	4.5711768	1.00E-04	1.50470462	1.92701479
2.19953881	2.10208781	2.3825752	2.26774847	1.30721519	2.28774693	1.75996819
4.48643543	4.85616247	4.44750456	4.43501302	4.83966568	5.09471983	5.07517816
5.46825828	5.84761144	5.09320829	4.85027479	6.11018248	5.94827376	5.35311027
1.00E-04	1.00E-04	0.22846776	0.10756325	1.00E-04	0.18597055	1.00E-04
1.00E-04	1.00E-04	0.24707464	0.25721644	4.82119867	3.63525254	3.34844484
5.81420986	5.74109085	5.23088354	5.40392825	1.07547903	2.44572854	1.52056989
1.00E-04	1.23085894	1.1047759	1.02898682	1.65441992	0.96071411	2.38477809
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28980357	1.67553511	1.40023408	1.40101773	2.32837458	2.02598805	1.15032036
1.00E-04	1.00E-04	0.12745616	0.12421274	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0892471	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.8149629	2.99942202	2.87056719	2.69622209	3.49737859	3.52132279	2.77104384
3.69082988	3.83977409	3.43418822	3.36053037	4.44659774	4.41464087	4.07219434
1.43487549	2.04047103	1.72159856	1.44838762	1.30764316	1.99883122	2.36599619
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06032815	1.98718066	1.76590078	1.56099577	1.09250634	1.57603999	1.28469201
1.00E-04	0.59406819	0.25469014	0.40315133	0.55964322	0.82270999	0.22681224
0.63922385	0.14470393	0.26726971	0.17256404	2.31418071	0.93820444	1.83060236
1.61299789	2.19250085	1.90158069	0.76471963	1.01957699	0.49029432	0.76709838
0.51698213	0.35291811	0.25916396	0.17020495	1.00E-04	0.14939575	1.65300298

1.60711107	1.67350866	0.92012569	1.6334478	0.98095841	1.1868867	1.43540393
3.30791606	2.97686363	1.94119946	2.64959794	1.00E-04	0.19340846	1.00E-04
1.00E-04	1.00E-04	0.31478062	0.25269386	1.54404458	1.00E-04	0.51797601
1.00E-04	0.1466407	0.03244585	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33400098	0.20403501	0.16024121	1.00E-04	1.00E-04	0.33758991
0.21771568	0.46516868	0.03432544	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42783802	0.05651393	0.1120406	0.04637215	0.768034	1.00E-04	0.21591061
1.00E-04	1.00E-04	0.05305005	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.83558735	2.9196717	2.76293894	2.89122076	3.5680168	4.18619563	3.93931872
0.50497401	0.3396325	0.45893792	0.6055879	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14706958	1.00E-04	1.00E-04	0.41311084
1.00E-04	1.00E-04	1.00E-04	0.06012927	1.00E-04	1.00E-04	1.00E-04
0.83976733	0.6312227	0.23905647	0.55814142	1.00E-04	1.01243993	1.00E-04
1.00E-04	1.00E-04	0.05717762	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6151388	0.06491731	0.28375834	0.28135316	1.00E-04	0.16158638	0.21257887
1.86235319	1.95169933	2.07922569	1.95952873	1.0827355	1.93647564	2.38284379
0.80936582	0.920805	0.71612898	0.54814722	1.00E-04	0.20066371	0.33973531
2.84694419	3.04981665	3.06820276	2.98963911	3.32432394	3.2775485	3.54041708
0.77781819	1.42770876	1.54256051	1.66303772	1.49637627	1.92908332	2.74891429
4.9928517	5.37868222	4.73349407	4.76955751	4.66710095	5.07923557	4.47745741
3.21030082	3.12923452	2.56680149	2.67663993	3.0966623	3.44920581	3.05698426
1.21549166	1.25771399	1.19157171	1.18016656	1.11462272	1.73210531	0.66401292
1.82134153	1.95730888	1.54344041	1.47052228	2.0046453	1.81597639	1.9155881
1.45178368	0.90581161	1.43415938	1.4306919	1.00E-04	1.84810759	0.88976647
2.51385353	2.79135776	2.22152715	2.10652695	2.24848454	2.21895374	2.1494573
1.7668004	2.27641311	2.59322372	2.67188564	2.25796563	2.87765044	3.07114652
1.78689889	2.17685921	2.07491555	1.9625411	2.83408789	2.91193984	2.51377297
0.43236402	0.32413592	0.0725572	0.25455754	1.83697621	1.10666446	1.00E-04
2.10253474	2.32898911	1.90176824	1.88581315	2.5051845	1.96050094	1.9076652
1.64531492	1.24423843	0.53860261	0.84072468	0.24496797	1.74062386	0.35267682
2.93734206	2.69687588	2.52089264	2.60059191	3.09519278	1.64630564	1.54057767
1.00E-04	0.41289496	0.45092658	0.37701919	0.49833685	1.00E-04	0.70453014
1.00E-04	1.00E-04	0.26359492	0.33334329	1.00E-04	0.63205342	0.54120727
1.00E-04	1.00E-04	0.07807672	0.197505	0.78234266	0.14939575	1.00E-04
4.44349969	4.36629527	4.17069338	4.22289819	4.44588505	3.99914659	4.06128712
1.00E-04	0.47212653	0.06465401	0.05350981	1.00E-04	1.00E-04	1.00E-04
4.83738958	4.90171949	4.43887886	4.33988796	3.64508593	3.12458856	2.36976912
1.00E-04	0.21386006	0.08448878	0.40597805	1.00E-04	1.00E-04	1.00E-04
0.53428441	0.34937814	0.28686938	0.33915954	1.00E-04	1.00E-04	0.11699513
4.99620596	5.11348272	4.76311886	4.87504127	5.17168227	5.14786496	4.77942986
1.00E-04	0.08324088	0.02867289	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.7741104	4.99561916	4.5333316	4.59415438	4.65415202	5.00662229	4.66608325

0.57916996	1.8837889	0.78008059	0.95825925	1.90786953	1.54581933	1.19339547
1.00E-04	0.73084554	1.00E-04	0.1321369	1.00E-04	0.54106652	1.00E-04
1.75308464	1.83424455	1.53223668	1.76924742	1.31477119	2.03994469	2.53078335
1.00E-04	0.65268024	0.25184217	0.50236429	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04199671	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22926339	0.15123949	1.00E-04	0.42197018	1.00E-04	1.00E-04
0.82392132	0.39656347	0.57356106	0.40655972	4.64254834	3.55917892	2.9694654
1.00E-04	1.00E-04	0.03909448	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05768037	1.00E-04	1.00E-04	0.6396933	1.00E-04
1.68299271	2.12323856	1.78857423	1.69185994	1.66000504	1.87466418	2.46425635
1.40844879	2.2971419	1.92993157	1.91472986	2.04049768	2.38655603	3.18353693
0.55415595	1.23114849	1.05413977	0.41512489	1.00E-04	1.00E-04	0.80117726
5.95507582	6.07864227	5.88846962	5.88895657	5.54101786	5.91705792	5.43780656
0.88095234	2.56355883	1.80986294	1.8698715	0.67168427	2.23323345	1.97811374
1.00E-04	1.00E-04	0.12339911	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.71304998	3.17537338	2.79362642	2.94237855	3.5620351	3.90897008	3.60553269
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.562084	0.11363526	0.61681977	0.96874826	0.24496797	0.59354009	1.61470348
1.2755232	1.41587452	1.46859081	1.09551172	1.00E-04	0.87474903	0.6171328
0.47550083	1.06938156	0.79014915	1.0360801	1.00E-04	1.23224736	1.74492355
0.33427709	0.23204828	0.43486447	0.22333403	1.00E-04	1.00E-04	0.21741182
1.00E-04	1.00E-04	0.03629366	1.00E-04	1.00E-04	0.47354754	1.00E-04
3.47657866	3.19442568	3.60485628	3.29465213	4.80984671	4.90958065	4.51038092
1.15583986	1.00E-04	0.29675271	0.15809519	1.74518695	1.00E-04	0.39457361
0.85098902	0.82204881	0.11102388	0.42925524	1.46745867	1.00E-04	1.00E-04
1.97107747	1.78767104	1.4602411	1.67231137	1.08797261	2.11778643	2.06598434
0.44969806	1.07508922	0.67309799	0.93177049	3.03061076	2.32381724	1.59121367
1.62835102	0.83046262	0.34108674	0.47063032	1.03553465	0.35621081	1.10223017
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.99547203	0.60325628	0.27996846	1.00E-04	1.09154024	1.08126917
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8511787
1.00E-04	0.27379322	0.1166135	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6744366	3.44385476	3.65519828	3.88824565	2.7228312	3.01669831	3.69876647
1.00E-04	1.00E-04	1.00E-04	0.10673246	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.29830285	1.74984612	1.79697696	1.00E-04	2.22847543	1.10494719
1.00E-04	0.70329265	0.21172637	0.10254781	1.00E-04	0.82756898	0.83750969
2.89105559	3.13047311	3.61098227	3.60521599	2.23736809	2.80536604	3.4996758
0.49090939	0.33330698	0.34708548	0.24919989	1.00E-04	1.00E-04	1.00E-04
0.23118277	0.36998406	0.34710018	0.35706825	1.00E-04	1.00E-04	1.30835328
3.14050703	3.36288823	3.48151551	3.51153224	2.88439345	3.21933787	3.21462044
4.25290946	4.55243532	4.18466008	4.21223324	4.53369246	4.51328241	4.67444124
0.36055806	0.78952868	0.70937764	1.38170137	1.00E-04	0.26855651	1.00E-04

4.80221609	5.24679458	4.71565049	4.70640976	5.64081325	5.78470904	5.73929065
0.40171885	0.40776515	0.78193326	0.48684878	1.00E-04	0.62845155	0.71119452
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24177107	1.02261581	0.91044116	1.19420877	0.70994317	0.63412712	0.666344
4.81046007	5.04411939	4.56046784	4.59479811	5.05033997	5.28538582	4.83424715
3.12594286	3.19442107	3.00100565	3.15314346	2.72880179	2.80281683	2.72835428
1.79645202	1.86653637	2.22142073	2.32401509	1.53628932	1.78099814	1.87481152
0.14193279	0.05111793	0.23626883	1.00E-04	1.00E-04	1.00E-04	0.67528773
2.23701715	2.06194342	2.98462513	3.04705983	2.23525517	1.7005721	1.32726637
6.91445182	5.8127906	5.63977555	5.39125573	7.40241804	5.74937442	5.63926998
1.00E-04	1.00E-04	0.18010664	1.00E-04	1.00E-04	1.00E-04	0.33110505
3.4832759	3.83240041	3.45795989	3.53400993	3.66663203	4.39960167	3.91832429
2.11087224	2.14751338	2.62789934	2.70691886	1.9432855	1.71046489	2.58285296
3.02099788	3.15737401	3.50755284	3.64311761	2.88460643	3.13318046	3.64477526
2.86397556	3.1258496	2.96612061	3.08438909	2.7193248	3.00288775	3.22508186
1.00E-04	1.00E-04	0.04259861	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05483457	0.08451178	1.00E-04	1.00E-04	0.28482166
0.72257143	1.49417355	1.05520754	1.11364641	0.41241033	1.00E-04	0.25370611
1.00E-04	0.44885439	0.24494538	0.3459766	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24773715
1.85721778	1.7996883	1.94554843	2.02661312	2.03083146	1.64446805	1.37504313
2.26951681	2.23264126	2.45037827	2.26581332	1.42402661	0.87056761	0.25275834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31671355
3.20290359	3.63774466	4.08693259	4.19114705	2.57610232	2.39693707	3.61589584
3.04708164	3.29183625	3.40120256	3.42879899	2.46584878	2.72757168	2.97246179
4.11886683	4.22803777	4.24748673	4.26256684	3.93593688	3.81741084	3.91080195
1.30632903	1.48617105	1.03471647	1.52724391	1.83241539	1.73406573	2.22856372
2.50729017	2.73389189	2.44570342	2.30043023	1.00E-04	1.38363358	0.9266431
1.00E-04	1.00E-04	0.06201439	0.15048625	1.88165579	2.35844741	1.89138519
4.60636779	4.78016772	4.41052155	4.37738592	4.81005346	4.98726909	4.6218558
2.72966698	3.29975176	2.65770739	2.89509948	1.42503166	2.18391299	1.96709928
0.82817838	0.74751114	0.88399901	0.63439504	1.26985336	0.12640632	0.83498063
1.00E-04	1.00E-04	0.04609525	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90512443	0.90974772	0.6742813	0.81040495	1.00E-04	0.76224978	1.00E-04
3.18382507	3.26918424	2.823811	2.86343895	2.57985472	2.75631576	2.7354182
5.35557908	5.45077619	4.9328134	4.83247384	5.39535972	5.46865024	4.91850904
0.66270553	1.23835221	0.55259803	0.2155794	1.4226867	2.90677093	2.4688401
2.62929776	2.59102587	2.27914115	2.528678	7.48441962	7.47994563	6.88219928
4.99372918	5.33699803	4.95005734	4.87351014	5.59872542	5.66699866	5.32733636
3.70409531	3.61826427	3.36508542	3.2939656	3.90681358	4.13686501	3.94379764
3.86517347	3.99797267	3.62297165	3.65092336	4.06513401	3.8897412	3.67156174
0.65769158	0.74491065	0.17533137	0.52066968	3.74391769	3.67170889	3.37675214

4.65853352	4.8436129	4.49177895	4.49009811	5.58841333	5.63317829	5.36578635
2.87793884	3.22982532	3.36507484	3.69464272	2.90255774	3.15887717	2.83193258
1.68772821	2.61980108	2.35063105	2.52703699	2.51366826	2.73288642	2.19950741
3.23805525	3.36119035	2.89822617	2.93719071	2.25446055	2.38047137	2.31825372
0.92234502	1.66281614	0.63381162	1.18783386	1.77353717	1.15517101	1.28514392
0.24497454	1.00E-04	0.61244106	0.32489385	1.00E-04	1.00E-04	1.00E-04
0.90383042	1.54166293	1.01283349	1.33500249	3.19625615	2.81534134	2.80476262
1.74111058	1.81234162	1.32571342	1.80361554	2.30836829	2.97699773	2.09898799
1.7189978	1.64525731	1.65737156	1.81507729	1.09731861	1.76562064	1.38701144
1.07162591	1.51262162	1.58114984	1.56996888	2.04618409	1.72014408	1.91300534
4.94400725	5.07326498	4.8349601	4.92922864	4.77853356	4.92841562	4.74430846
2.49412078	2.53107459	2.43531425	2.64844535	1.53809493	1.87861952	1.64371439
3.64783099	3.75885376	3.70506764	3.73743625	3.37396342	3.51751402	3.72272562
3.51884835	3.88185419	3.68678595	3.80094336	3.56419309	4.38787433	4.09628059
2.75052756	2.71347366	2.39222128	2.77403054	3.29044147	2.88633629	2.77604163
0.9098226	0.82954321	1.24983966	1.12205614	2.08801473	1.50967207	0.87035522
1.00E-04	0.39840486	0.23437029	0.06260776	0.38488463	1.00E-04	1.00E-04
3.12653468	3.48284281	3.01292547	3.01807367	3.17607565	3.35851376	3.19433424
4.67667856	4.81086945	4.16532196	4.00084949	4.61473335	4.64589238	4.04682353
3.74876813	3.91479782	3.70991017	3.70680193	2.75496282	3.16784404	3.12600764
1.23030628	2.32137019	2.69031251	2.65041028	1.5199357	2.25970382	2.5409338
2.25110268	2.83025579	3.30732477	3.36911659	1.45523912	2.38765865	3.4565564
4.76927829	4.73842598	4.59577028	4.5126381	4.90271626	4.88886988	4.54611008
4.8799772	4.85890376	4.48572609	4.50080192	3.65653402	3.4047249	3.20729819
3.28569301	3.33465033	3.25696518	3.24065089	3.87389137	3.7713929	3.22690537
5.27538041	5.39776048	5.05600038	4.899032	4.94113342	5.11862086	4.953454
1.00E-04	1.62704852	1.58119617	2.50781234	1.00E-04	1.7548618	2.03860914
0.99286193	1.94735717	1.95821413	1.73113988	1.00E-04	1.53261833	1.5877719
0.38262809	1.16864693	0.44207247	0.52994667	0.976933	1.84612244	0.30648356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.63477701	4.72798486	4.42690574	4.30496626	4.3040321	4.41534543	4.27989701
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.99185351	2.80508172	3.4035021	3.23220068	1.71502808	1.8326531	3.71975111
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.09314185	1.00E-04	0.06531469	1.00E-04	1.00E-04	1.00E-04
5.00313219	5.07263044	4.70994255	4.72119868	4.81769713	4.77359576	4.37085818
1.92729526	2.0390552	2.22862534	2.21151005	1.57616595	2.19575667	2.7892329
3.40671453	3.80458529	3.47277516	3.44111501	3.38592804	3.49245197	3.08335924
4.71896217	4.87255997	4.46675254	4.43627843	4.77430853	5.00353294	4.64402677
3.32472238	3.025584	2.87564452	2.56718726	4.53524809	3.84588833	3.24116571
5.70443896	5.77597476	5.37149841	5.25191834	5.24395338	5.03812084	4.67357841
6.77405419	6.01270074	6.07197584	6.35208351	5.54665971	5.23535908	5.03083803
1.42566772	1.19706132	1.53682543	1.55063571	1.78974422	1.44060119	2.04532

5.70596317	5.36536102	4.80858367	5.15205082	4.88165211	5.19205707	5.16314203
1.19369578	1.66019786	0.75385749	0.74177195	1.00E-04	0.29937888	0.14365894
3.08588526	3.50992378	4.1742218	3.93677175	2.64559011	3.06451455	3.9115782
3.49222665	3.38374418	3.7277577	3.66880769	2.9855797	3.36546842	3.65490508
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1.00E-04	0.31732619	0.35839148	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05742366	0.34492066	0.67124526	0.4509066
3.4816389	3.74238096	3.64536904	3.81476434	2.73232726	3.53294658	3.21253719
2.35021308	3.03421737	4.0928501	3.62094014	1.31547375	3.09300767	4.84149554
0.19142737	0.04733209	0.09214165	0.14525417	1.00E-04	1.00E-04	1.00E-04
2.01428589	2.60830256	2.6171953	2.71844227	2.09724893	2.68917943	2.57838077
0.62620949	0.56766914	0.99484908	1.19163311	0.51366621	1.53001544	1.63120571
0.38264823	1.4743912	1.37558024	1.20698712	1.00961597	1.44742452	1.16421976
2.22321498	2.40962045	2.4799182	2.44492193	2.68353845	1.98035211	2.54709553
4.03554561	4.09401229	4.37143918	4.45145698	5.00205756	5.21742008	5.08562135
3.44569855	3.78993023	4.27153558	4.33648834	3.06489237	3.56131227	4.12079255
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3.71523176	3.95904547	4.51408118	4.63331857	3.03365584	3.84914961	4.44299787
0.14841374	1.00E-04	0.16638892	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40171885	0.66519456	0.38016933	1.19325317	1.91597994	2.51716399	0.46109044
0.27100504	1.00E-04	1.00E-04	0.07234909	1.82708276	1.00E-04	0.34770255
1.24453871	0.98481865	0.6394836	0.95071602	1.90072125	1.90001463	1.15931426
1.00E-04	0.24006886	0.14156794	0.08878669	1.00E-04	1.00E-04	0.50398398
1.00E-04	0.19245908	0.45992316	0.51716978	0.84840873	0.45330561	1.00E-04
2.89871921	3.27397686	3.09701924	3.18428686	3.02420924	3.34771547	3.60384882
3.23410818	3.67153231	3.48437156	3.54775012	2.90716413	3.48723669	3.44860169
1.00E-04	0.47080866	0.34815365	0.29859183	0.59994704	0.90320021	0.37891513
1.23547065	1.64685423	1.27774897	0.92800191	1.41933895	1.4221902	1.37868034
1.81001152	2.07988663	2.5113541	2.5993535	2.1955377	2.34298484	2.76901852
1.47336189	1.34509505	1.1399192	0.98140691	1.00E-04	1.19052919	1.20961857
0.672837	1.56383814	0.55118116	1.13571761	1.00E-04	1.69742194	1.42925627
1.01967227	1.77604067	1.70290405	1.76330197	1.69940479	2.76445711	2.29896618
1.00E-04	1.00E-04	0.01190456	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.03551928	3.38975892	2.87437365	2.95721848	2.35636722	2.90026313	2.82049536
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4.17342761	4.00762761	3.8637996	3.80790621	4.52083472	4.0977845	3.98201132
0.87455367	0.80580527	0.74113698	0.72035329	3.18047251	2.34056691	0.71451104
6.66946479	6.66063947	6.28816191	6.31713379	7.06887951	7.16528222	6.64977653
0.9442524	0.73908017	1.62966035	1.0871821	1.00E-04	1.37867168	1.46695988
3.80656252	3.79904874	3.63407097	3.54950115	4.12629991	3.81081002	3.69372107
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0.32474744	0.72766933	0.39647039	0.31604664	0.80006359	0.86488658	0.32599971
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.29891236	3.44238954	3.31111231	3.36855168	2.81111655	2.65373353	2.92853887
0.79510078	0.96616264	0.59822852	0.87858645	2.481696	2.52621816	1.36250214
3.82428129	4.01849734	3.78031974	3.85397843	3.89205787	4.40336459	3.84821294
3.61698673	3.86271353	3.55100318	3.54766026	3.75207434	3.90812443	3.34694822
4.23891355	4.48030441	4.31472981	4.18057596	4.24969641	4.5378795	4.25509443
5.62496989	5.70192996	5.40564468	5.29879566	5.74149908	5.66401834	5.53495431
1.93015576	2.51472985	2.6729352	2.76949437	2.23016089	2.55176991	3.01993549
3.85426978	4.03187672	4.26400868	4.26509985	3.8651131	3.87328973	4.24350874
3.91874236	3.86279951	4.08396881	4.1562951	3.83014043	3.94614971	4.13375198
5.4754468	5.45029469	5.24804195	5.18715819	4.96685428	4.94465599	4.45333439
1.38633664	1.70927077	1.78272426	1.45663837	1.00E-04	1.51318558	1.44380533
3.29684234	3.70350547	4.19909988	4.28140465	3.69471631	3.73817733	4.59314841
3.00927699	3.35055388	3.85716393	3.87950512	2.99538917	3.24213146	4.49972501
1.00E-04	1.2735996	0.59223784	0.36017197	1.00E-04	1.29045456	1.22550533
1.00E-04	1.00175137	1.00E-04	0.04133837	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05129965	0.05268275	1.00E-04	1.00E-04	1.00E-04
0.28756762	1.00E-04	0.08121304	0.0651928	1.00E-04	0.23817629	1.00E-04
1.00E-04	0.21554997	0.05683929	0.26217958	0.69094647	1.00E-04	1.00E-04
1.96841741	2.60173719	3.35875597	3.21424746	2.25654227	2.49942326	3.82624708
1.00E-04	0.46622403	0.15325531	0.22912147	1.00E-04	0.77106992	0.13285762
3.06835573	3.25349565	3.2064486	3.36836006	2.85947444	2.71391128	2.86542647
1.32150172	1.63768906	1.86359716	1.73879897	1.08923444	2.32611591	2.49278763
3.63872518	3.55056777	3.58837451	3.47820676	3.83422099	4.03545449	3.36544864
6.23207031	6.28769294	5.51475987	5.6762378	6.28792107	6.50015584	5.91636065
2.60978425	2.87524914	3.03124826	3.07347387	0.7375061	1.9116163	2.34734162
1.52060323	0.94812311	1.2271053	1.62833604	1.30922769	0.89375512	1.86228329
2.412243	2.27404327	2.72024436	2.59082209	1.64138326	2.09494269	3.09097904
0.33080752	1.00E-04	0.09722468	0.12695018	1.00E-04	0.19340846	0.31671355
1.00E-04	0.51181638	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.40642389	4.73470155	4.28949279	4.2841811	5.53042177	5.72959775	5.54298558
2.30804316	2.68980173	2.90516682	3.02969384	2.7183395	2.65570612	2.99715323
3.62436485	3.56381809	3.43055986	3.31704834	2.99255112	3.27620432	2.91629244
2.18552858	3.32701549	3.28934306	3.21745922	2.54682684	3.3336225	3.82107217
1.00E-04	0.40535697	1.00E-04	0.18120297	1.00E-04	1.51216693	0.55337493
1.00E-04	1.00E-04	1.00E-04	0.07450971	1.00E-04	0.10651827	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17922381	1.00E-04	1.00E-04	0.0686521	1.00E-04	0.7524439	0.58798018
0.78357693	1.78892052	1.79113936	1.75133251	0.97660847	1.75597235	2.05554719
4.11329753	4.29870021	4.82843179	4.56561728	4.12074745	4.76769641	5.92378268
1.03598013	2.35038115	2.06587709	2.21259081	1.00E-04	2.83856587	1.83156012
2.85017298	3.10275365	3.22005704	3.32075968	1.58397578	2.62232394	3.21674238
1.66985747	1.78641183	2.16670258	2.24980224	1.58977983	1.8302176	3.10152689
1.63045484	1.2677913	1.12925241	1.1870214	0.24496797	1.14053783	0.09760498

2.50555375	2.76195259	2.18980575	2.30806859	1.59592739	2.32106886	2.41362702
2.60920476	2.18139871	2.51175263	2.32501422	2.04920461	2.52511872	2.69712726
1.27347669	1.55536107	1.3699531	1.32274739	2.2933393	2.14227164	2.07290799
2.51370507	2.54816666	1.95030598	1.83560475	2.13861943	1.64867898	1.80512959
3.55971481	3.74468827	4.08564463	4.08770447	2.9023738	2.89231201	4.20944414
3.93490794	4.5239562	5.26945366	5.33677999	3.23640269	3.77194097	5.1585402
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28681298	1.24342497	1.60250159	1.75654644	1.21732344	1.01233489	1.74332991
1.98237	1.98108751	2.16962265	2.2643604	2.15678507	1.84901821	1.9692926
2.67477929	2.58234267	2.36661917	2.51970465	2.66134206	3.03650611	2.52045537
2.08259744	2.7076294	2.63987136	2.6049431	1.58399623	2.58029535	1.99377687
3.93102078	4.01313877	3.84105793	3.90798169	3.90151534	4.22973407	4.03665539
2.76562129	3.27417308	3.10019581	2.91945794	3.10919428	3.38561676	3.26281514
2.75805892	2.18863183	2.50724257	2.62715503	2.02639166	1.48677348	2.72039599
1.88370172	1.93054997	2.50289121	2.48163926	1.78935293	2.2799964	2.54609228
3.57867068	3.51908776	3.44401082	3.59166512	3.28368127	3.72423733	3.34698946
3.58198451	3.58441351	3.63954388	3.74430962	3.11920051	3.80946309	3.60727959
3.51752815	3.65663548	3.34175818	3.47499139	3.57523825	4.07005084	3.7890961
3.26837678	3.55121185	3.15444415	3.128097	3.38285584	3.54660057	3.46756506
1.58622462	2.08686423	1.26594839	1.50271987	3.45254796	3.05705889	2.24896628
1.00E-04	1.00E-04	0.28331241	0.06523845	1.00E-04	1.00E-04	1.00E-04
0.27519759	0.69236947	0.5494862	1.15155021	1.00E-04	1.00E-04	0.30880053
3.40158843	3.48652284	3.01889702	3.05611505	3.40710208	3.53898308	3.09197101
1.54785204	1.84043052	2.40044943	2.4393271	1.969051	1.8007444	2.54183689
2.47857807	2.39542151	2.99407069	2.98780314	2.7547984	3.29955467	3.22974592
1.60180095	2.29088503	2.2318634	2.30762642	2.49277224	2.73590836	2.1051522
3.77146512	4.16731652	3.82789927	3.91576284	3.44579952	3.88536229	3.36620454
0.78079917	1.28158594	1.58523911	1.75012096	1.64572142	1.58414772	2.28930668
3.62106506	3.85127355	4.68040135	4.87718874	3.01298666	3.01441975	4.36547349
3.26552196	3.55792368	3.10554352	3.11093988	2.68092901	2.89113554	3.30800347
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.30000283	4.55494298	4.06283757	3.95969211	4.31010412	4.09056695	4.06575083
1.94191869	1.73007059	2.06664265	2.10837151	1.47723091	2.67329149	2.45280589
1.00E-04	1.00E-04	0.15290734	0.04087293	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09345866	0.32499759	1.00E-04	0.44945293	1.00E-04
1.00E-04	0.14873259	0.1316701	0.18922639	1.00E-04	1.00E-04	1.00E-04
2.07818693	2.20271322	2.21549841	2.22779533	1.79678568	2.13321266	3.39710106
3.13073436	3.45162145	4.02645621	3.79501321	3.2860265	3.57498752	4.95181827
1.00E-04	1.00E-04	0.09634196	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.21303868	4.62229637	3.87768199	3.83152901	4.43827183	4.64332511	4.29043012
0.43595156	0.24566986	0.48286078	0.89111856	1.22214313	0.62166682	1.00E-04
2.46339235	2.8950122	2.09355299	1.95476139	3.12217548	3.250766	2.50980477
1.00E-04	0.06166075	0.22610634	0.29951858	2.24370149	1.64255333	1.3758599

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.17166112	2.976001	2.76378703	2.72673701	3.2179041	3.27262421	3.21857044
1.00E-04	0.38441825	1.00E-04	1.00E-04	1.00E-04	0.1839207	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2633732	0.15174552	0.04952394	0.23904883	1.00E-04	1.00E-04	0.3937581
0.52916042	0.37824072	0.75797273	0.74805074	0.77790531	0.96443614	1.00E-04
2.31810325	2.93147642	3.19408921	3.19645799	2.39847362	2.44236219	2.93040025
1.45559773	1.57877809	1.4833172	1.35061147	0.24496797	0.78288831	1.44303563
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49177497	1.00E-04	0.2969531	0.25802731	1.00E-04	1.00E-04	1.00E-04
4.87185179	5.18669792	4.72363484	4.52322048	5.43358701	5.55171719	4.98684614
4.01643812	4.48262586	4.41233547	4.35347098	3.79970613	3.72351685	4.08004483
1.00E-04	1.00E-04	0.38663176	0.03814544	1.10722677	0.75030373	0.24737345
1.38789715	2.40939997	2.13475752	2.24046936	2.14503775	2.73690868	2.54414067
1.00E-04	0.41752436	0.13439776	0.21707507	1.00E-04	1.17961084	1.06568065
0.31508345	0.05411367	0.20780647	0.47534516	1.00E-04	1.00E-04	0.07440699
0.41107925	0.590686	0.63790977	0.90838054	0.47257629	0.80490006	1.06025949
4.00470756	4.28491644	4.03896189	4.08105174	3.89502139	4.39281022	4.08279187
1.00E-04	1.00E-04	1.00E-04	0.06150548	1.00E-04	1.00E-04	1.00E-04
1.71352239	1.89871154	1.61863919	1.4196288	1.73065652	1.54986125	1.2540864
1.00E-04	1.00E-04	0.0529352	0.1022541	1.00E-04	1.00E-04	1.00E-04
1.44596397	1.39324591	1.79994106	1.6726251	1.00E-04	2.39844085	2.47773997
0.82630673	0.43341385	0.97587707	1.1064114	1.75649083	0.5356685	1.22147907
3.98864864	4.10162641	3.74974238	3.63077945	4.1917277	4.34017063	3.96952381
2.60627877	3.01402378	2.79752597	2.98327434	2.86053113	3.24889721	2.84634847
1.40883868	2.35642168	2.4666967	2.59553076	2.31338252	2.34610547	2.18966379
3.64938198	3.65207772	3.38034822	3.55656907	3.7832677	3.71389386	3.14968181
1.00E-04	0.42702259	0.34779753	0.60444816	1.92723679	1.47217132	1.74135908
1.95861383	1.47581843	1.33598666	1.50255873	2.11275415	2.05702515	2.51857382
1.00E-04	1.00E-04	0.20903936	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82296987	2.23867409	2.30125084	2.4263035	1.34089435	1.97995319	1.61292957
0.45235468	0.31514229	0.37335008	0.4014989	1.61384599	0.70868795	0.23745568
1.00E-04	1.07264043	0.12848864	0.12638308	1.00E-04	0.42698816	1.00E-04
2.2632249	1.99149479	2.02369376	2.28119052	2.99753718	2.96647483	2.79911359
1.48217051	0.75888615	0.13874729	0.24121571	0.41241033	0.73928316	1.00E-04
1.70005181	2.27986694	1.9619459	2.00929947	1.25602083	2.1071952	2.91547435
2.70178885	1.54420886	1.66098426	1.65427101	3.303567	1.6991147	1.31507593
3.13488999	3.3250701	3.20215406	3.4471509	3.59497312	3.59820287	3.69040057
4.00992438	4.24663805	3.69261153	3.76501496	4.08874846	4.22206773	3.94562614
3.92968677	3.88765399	3.73703688	3.69273335	3.80318794	4.23700684	3.9065988
2.90345282	3.52760037	4.02102284	4.23843706	1.67512284	2.53879633	3.89618931
2.83650124	3.12218904	3.8513671	3.87865557	2.06714835	2.88904738	3.37416593
2.13124234	2.72467579	2.94762119	3.12965765	1.97452974	1.71161716	2.81791287

3.38710479	3.5984375	4.09018844	4.26653861	3.90960617	3.96454474	4.5440308
2.29742274	2.44987794	2.44111593	2.73112678	1.97035156	2.42256687	2.37784815
3.61664405	3.65110881	3.43346423	3.55909719	3.93844192	3.97566443	3.61120708
3.56334991	3.9299575	3.84209302	3.86339174	4.16986654	4.03046635	3.84557272
3.66958771	3.80600331	3.63291435	3.65372569	3.59419819	3.72913043	3.84007803
1.85130552	2.43727327	2.13754357	2.0582484	2.5113104	2.06727519	1.62518655
3.8558285	3.7325934	3.73129129	3.85268805	3.90821742	3.77768215	3.75658229
1.10332592	0.16443023	0.1093057	0.14967266	1.00E-04	1.00E-04	0.35106062
2.79569869	2.89681063	3.23332658	3.25182433	2.45389853	3.32292813	3.15256848
1.00E-04	0.54031669	0.30973343	0.3490506	1.00E-04	0.34543859	0.50814514
0.7612112	0.61708006	0.37908487	0.77633344	2.9529304	4.1642503	4.32161567
1.62951817	2.40876016	2.07851491	1.92286076	1.45035496	1.84877781	1.918059
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14465503	0.27373508	0.06429088	0.36590848	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90553081	1.00E-04
0.12498368	0.9461294	0.37929205	0.54722017	0.40975599	0.78618572	0.95136283
1.07030108	0.82981373	0.90209563	0.6879291	1.00E-04	0.64757447	0.24295541
1.00E-04	0.17785615	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63325851	0.64344904	0.45963186	0.38030624	1.3177583	1.18457719	1.36570886
1.52486336	1.21095056	0.75536437	1.19219937	4.69644414	3.9153253	2.92215606
4.919616	4.78322393	4.44223645	4.50915773	4.61470114	5.15247887	5.05385729
3.42615004	3.32399503	3.03407548	3.03008916	3.73643662	3.52345269	3.38527451
2.30352609	2.67881158	1.94648516	1.84498939	1.9046789	3.13642601	2.68547602
2.36976378	1.89653342	1.70747526	1.76717516	2.61953528	3.10734151	2.53312319
1.00E-04	1.00E-04	0.23437428	0.09979139	1.00E-04	1.00E-04	0.09464396
0.70605606	1.79243225	0.19244873	0.9692699	0.45889659	0.78574608	0.48696079
4.70933998	4.8977264	4.42800328	4.52863986	4.29885512	4.61743218	4.31054197
4.46127978	4.45014558	3.97833653	4.08840081	3.85369682	4.57409076	3.77581404
5.11981986	5.34820974	4.9405677	4.88566029	5.08165051	5.31450112	4.90663026
1.00E-04	1.00E-04	0.14151327	0.3090545	1.01493203	0.19146001	0.88703261
0.80439119	1.00798706	0.89190491	1.44656623	1.03932717	1.57857132	0.84858285
3.94101614	4.16996356	3.81102621	3.89787933	4.1292176	3.84717909	3.36308192
0.85425563	1.87315402	1.00613987	1.29693708	1.00E-04	2.24528207	1.88838944
2.72629362	3.26557226	3.02491097	3.00009051	3.1578253	3.48412925	3.59662365
2.84883028	2.76607202	2.72443839	3.01818788	2.43650791	2.54624764	3.08951148
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.6541352	4.51183332	4.38856503	4.46070147	5.61150105	5.56151052	5.12133164
6.71424884	6.66749456	6.25153963	6.16733252	6.69224973	6.65483845	6.04630222
6.57277042	6.65929753	6.22919241	6.38593461	6.34022838	6.42227312	6.12743778
3.88432499	3.92236083	3.68017392	3.70938019	4.33303795	4.67094922	4.44658965
0.28790199	0.91319378	0.58799034	0.67180071	0.98164313	1.00E-04	0.79732367
4.11740241	4.44673436	4.09913403	4.05229974	3.80082791	4.03311411	4.15669534
3.17639527	3.51388464	3.46816747	3.57006941	3.26334289	3.75995249	3.30096358

1.90396912	1.93605129	1.74127342	2.1055908	2.87254229	2.71225154	2.48827752
5.62042232	5.75993667	5.3746517	5.26543402	5.95555202	6.14283835	5.648844
0.5848479	0.13112909	0.13297878	0.32873843	2.17554262	1.1034832	0.97981777
1.00E-04	0.32314458	0.26910419	0.53151925	1.00E-04	0.26855651	1.63167366
0.97520904	1.40438615	1.14059426	1.28623406	0.49775343	1.12392646	1.53343557
0.97558505	1.81880046	0.78824263	0.73415999	2.0313726	0.69126897	1.00626712
3.62486775	3.6379786	3.48218274	3.45321675	3.31577295	4.36229045	3.85644388
4.35425302	4.22030573	3.9029887	4.05561502	4.53460718	4.58319076	4.06284557
5.15399776	5.33648802	4.89170815	4.72212336	5.31666456	5.25742639	4.91411142
0.78204496	0.68149464	0.22834762	0.69294053	1.00E-04	1.00E-04	1.00E-04
0.62698282	0.66001405	0.29977331	0.42222228	1.52247112	1.00E-04	1.07374074
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34939726	1.52761354	0.72766346	0.59022431	0.51102197	0.95137913	1.00E-04
3.34197286	3.20441938	2.62484921	2.82098295	5.58669367	6.03278964	5.52339051
0.43381431	0.22617926	0.06966268	0.24823833	1.00E-04	0.74332227	0.20772946
1.00E-04	1.00E-04	0.06719117	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17152618	2.00450373	2.15075285	2.34000046	1.00E-04	0.28241755	0.38071708
1.00E-04	0.62247053	0.18141711	0.26522562	1.00E-04	0.84931864	0.50814514
0.98014593	1.56794026	1.37358472	1.30021755	0.85330615	1.00572774	1.2488303
2.84432565	3.35434704	3.54477574	3.58759566	3.19225833	3.38793367	3.43388416
2.87265283	3.05274878	2.88201555	3.05244873	2.14968719	2.96923454	2.82941969
1.00E-04	0.68799766	0.24755387	0.44677242	1.00E-04	0.27972467	0.23698908
2.66924998	3.01518583	2.68347676	2.84310875	3.12048718	3.04434022	3.03890393
7.60248215	7.72215013	7.30484717	7.16434895	7.1273007	7.30538792	6.79765672
1.00E-04	0.23921457	0.08544573	0.05252434	1.00E-04	0.35359087	1.00E-04
3.23357908	3.59384025	3.40286411	3.49908944	2.76851192	3.39290393	3.4409286
2.45235255	2.58778617	2.64011308	2.82835725	2.19761162	2.29382964	2.64453359
0.97750998	0.79335083	0.88161287	1.16524636	2.20490374	1.76476484	1.34097068
2.32832325	2.09915085	2.1921393	2.1257847	2.84215539	2.42462853	2.40705174
1.00E-04	0.35911115	0.54109009	0.60909094	1.00E-04	0.74758152	1.00E-04
2.47152842	2.79730441	2.69408935	2.66877874	2.42663754	2.42381293	2.32808523
1.19775379	0.40115117	0.15920146	0.2342098	1.00E-04	0.87776869	0.62852461
4.32822871	4.47789125	3.99278845	4.17942916	2.9203965	3.00568456	2.48112193
0.14841374	0.21853725	0.05445166	0.09207061	1.00E-04	1.00E-04	1.00E-04
1.01322552	0.32810663	0.38116957	0.43628112	0.50894684	1.00E-04	1.00E-04
0.72211748	1.46492881	1.016311	1.06426685	1.69984304	2.20184197	2.88920625
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20964658
1.08119012	1.47420343	2.05183283	1.67855109	1.00E-04	1.26176489	2.24876449
1.00E-04	0.64592528	1.09004909	0.63992859	1.00E-04	0.34097617	0.48918601
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1872842	1.99304173	2.01671691	2.13117366	1.09481238	1.06821525	1.48266745
4.49802889	4.72412798	4.1351754	3.99490505	4.22836539	4.67769119	4.10050438
1.45585971	0.91606731	0.84484618	1.08351718	0.85927533	1.8891438	1.96099701

3.3595172	3.64335657	3.31517104	3.28789421	2.57669149	3.4685409	3.17488249
1.00E-04	1.00E-04	0.05219559	0.0676385	1.00E-04	1.00E-04	1.00E-04
2.45004493	2.11574062	1.73133688	1.98326675	3.128603	2.45693983	2.33340406
0.52220286	0.71541133	0.19540197	0.46846303	1.00E-04	0.59690854	0.32597388
3.9055499	3.91248219	3.90452636	3.94765387	3.14289937	3.75763257	3.4057239
0.3652118	0.96767114	0.7542494	0.52940683	1.85792886	0.55135621	0.59416984
0.28992479	0.36459825	0.26113169	0.33189992	1.00E-04	1.00E-04	0.3937581
4.01834318	4.20768248	3.62669268	3.57625503	2.81320812	3.54319892	3.52286129
1.00E-04	1.11871889	0.45670895	0.72608665	1.58231058	1.52795577	1.43452476
1.00E-04	0.50650888	0.14765383	0.38662616	0.81725677	0.70102881	0.20283809
0.54557714	0.11830642	0.22369944	0.26344582	0.97970424	0.44897522	0.83555971
1.00E-04	1.00E-04	0.27467011	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.68534808	4.92170023	4.58617676	4.57284975	5.01226109	5.29219559	4.77575247
1.20552047	1.83987419	0.67051036	1.06634523	1.00E-04	1.19401079	0.23472517
2.93201394	2.66959683	2.49589565	2.61525259	0.86859881	1.75545763	1.46789153
0.18249369	1.02809011	0.36815621	0.27394303	1.00E-04	1.00E-04	1.00E-04
3.84982036	3.94272601	4.1446209	4.16553398	4.61837221	4.41481526	4.23936903
4.60357664	4.98491939	5.24250529	5.32938906	4.61550504	4.65579055	5.22352516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.06478651	4.17879536	4.37728768	4.55441502	3.47270771	3.97324101	4.2881489
1.09761759	2.32948682	1.55051106	1.24035494	2.89833514	2.22562326	1.95965085
1.00E-04	0.36821611	0.40010993	0.44076163	1.00E-04	0.2827378	0.40750063
5.88074969	5.79169123	5.47533963	5.55133696	5.93256714	5.63681786	5.40655807
5.39148526	5.77679957	6.19897366	6.37075668	4.75560133	4.92687712	5.65543881
0.24123137	0.8108774	0.4540316	0.22128158	1.00E-04	1.69815979	0.16770769
3.4222091	3.48591907	3.64324531	3.53295676	4.09676321	3.80310015	3.87159363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.99167553	5.30029419	5.53674304	5.74134787	3.78787548	4.41801845	5.16708292
2.96486807	3.44232061	3.04874152	3.28680823	2.76055975	3.21771319	3.06315484
2.60188178	2.94791257	3.16349482	2.85898146	4.21775891	4.97316706	5.15699794
4.4385452	4.6109749	5.12704204	5.15624395	3.92309958	4.0102449	5.05007622
5.01328583	4.84777701	4.88635168	4.9900558	5.05276272	5.0166118	4.90622777
3.83971171	4.23171727	4.30619391	4.29032549	4.21891407	4.42505625	4.78348338
0.28661656	0.34839541	0.08944308	0.1271788	1.00E-04	1.00E-04	1.00E-04
1.34607962	2.38854243	1.91215676	1.46135164	2.85864732	2.61062494	2.90293794
1.00E-04	0.39018485	0.06053656	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.34674049	5.05949501	4.64169153	4.62468344	5.47638835	5.35476603	4.79324357
1.00E-04	0.3468517	0.14342349	0.14513266	1.00E-04	1.00E-04	1.00E-04
0.47609977	0.04733209	0.45532713	0.51768997	1.00E-04	1.20201413	1.49826044
1.00E-04	1.00E-04	1.00E-04	0.10352797	1.00E-04	1.00E-04	1.00E-04
3.07309515	3.16279006	2.68545202	3.10121722	3.13639494	3.11465249	2.92086783
3.38519272	3.4843813	3.42744605	3.49710436	4.3775352	4.60977567	4.25881388
4.62022767	4.70584202	4.38734094	4.40103919	4.67512919	4.81278849	4.60659338

2.44607147	2.74191923	2.2021562	2.31722626	2.36453756	2.62876395	2.4973755
3.22311589	3.72029283	3.7147263	3.71963909	3.16904844	3.38669989	3.57915592
0.23582726	1.00E-04	0.38436781	0.14386896	1.00E-04	0.91184154	0.07440699
2.32123099	2.89300021	3.87045789	3.92810238	2.15007423	2.10216823	3.81267051
3.84433189	4.1117338	4.668121	4.87011247	4.66321247	4.38970414	5.11273388
1.38011416	1.70244789	1.48799257	1.51060233	2.76979833	3.0033091	2.78145546
3.59299423	3.33384081	3.35128476	3.46623227	3.83586579	3.79559553	3.22934341
3.92428484	3.91663981	3.66015542	3.57290734	4.25084991	4.09353524	3.69671835
4.93781567	5.18791027	4.85089346	4.86661373	4.54416967	4.76512047	4.60854898
3.51726454	3.88594845	4.55668436	4.45635769	2.36112044	3.09281982	4.1572925
2.76794715	3.09112045	4.00884782	3.90495154	1.98838575	3.00501225	4.20339267
5.4466251	5.54226794	5.14617352	4.98751119	5.5247881	5.72987377	5.27252621
0.38788008	0.66031477	0.1888796	0.26817047	1.00E-04	0.28241755	0.94333719
3.91521843	3.84445059	3.74155895	3.59574814	3.88056911	4.12571684	3.30671403
3.08499238	3.49794141	3.52887592	3.74506227	3.53967711	3.71506483	3.66838863
2.89028822	2.62737194	2.47697334	2.76782544	1.97795384	1.01852826	2.19492693
3.73259686	3.95731695	3.79787974	3.84774656	4.08906007	4.39609076	3.8877576
3.78985955	3.90901439	3.43398778	3.32512818	3.55847936	3.37889566	3.3320332
2.96932634	2.97677183	2.71086634	2.83580205	3.09406313	2.79706254	2.90313533
4.05021638	4.18258626	3.89425459	3.90397723	4.42924664	4.52513993	4.33611375
2.0720178	2.64983472	2.54793155	2.62180625	2.28033795	2.33512057	2.58162451
3.3184834	3.78241996	3.15356165	3.29052255	3.21738285	3.89303564	3.10019777
1.59575936	2.17024945	2.30102033	2.35842221	1.60383829	2.63702711	2.36680344
3.12493917	3.65074944	3.39978724	3.47019705	3.65010012	3.74363101	3.88571138
1.93929501	2.05244355	2.18026426	2.41786867	0.95184717	1.37764124	2.294576
3.00971106	3.13587353	2.71778035	2.92778564	3.02486415	3.01746428	2.76721273
4.12122149	4.16496715	3.76418986	3.77063958	3.90863494	4.13935689	3.96371729
1.00E-04	1.3878242	0.91441396	0.66856191	4.6893904	4.78978893	3.91208881
2.11366823	2.2984728	1.88250934	1.89805388	1.00E-04	0.85465656	0.7299186
2.53122902	2.38157321	2.64653657	2.57181265	2.03621975	2.09203331	2.12640463
3.1921921	3.05269717	3.10016147	3.09614463	1.30459094	2.13015523	2.67217189
4.26125034	4.38682971	3.88943963	4.10862998	5.40800325	5.66200306	5.16741404
1.11805732	0.82625957	0.97548186	1.09092455	1.48017374	1.19290665	0.80571758
4.74479205	4.86542539	4.53016054	4.53885957	4.40513718	4.72942345	4.30494228
1.56382571	1.7668833	1.40430147	1.22548649	1.00E-04	0.11240321	0.21495559
1.30482201	0.41828069	1.05582111	1.33303301	1.31551875	1.72849583	1.30560416
0.49731558	0.61018833	0.5201413	0.50645854	1.00E-04	0.62075894	0.83822697
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17777311	2.02152975	2.61436591	2.81714675	1.75668507	1.52126	2.27657248
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37848123	1.00E-04
3.10588794	2.89519738	3.64396367	3.81684061	2.80991212	2.94742463	4.17593513
0.84551909	0.99595609	1.78136022	1.41683058	0.69633267	1.14789789	1.09240284
2.47749142	2.77938322	3.455996	3.5649279	1.87671777	2.4928433	3.1435217

3.26925854	3.25989073	3.23946515	3.2464597	3.22954962	3.55352191	3.79940733
3.66028852	3.85573023	3.83082396	3.83182048	3.7969674	3.73490545	3.67128886
3.17551588	3.1063765	3.40454047	3.28767196	2.96147151	3.51334361	3.52290571
0.76945335	1.4549449	0.87617386	0.77568329	2.49265614	2.47753329	1.89260565
1.00E-04	1.00E-04	0.07432189	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54669622	1.00E-04	0.14411037	0.20509595	1.00E-04	1.00E-04	1.00E-04
4.36809957	4.64439731	4.51065951	4.55144313	4.24459996	4.3686304	4.76814375
3.11183292	3.2763471	3.79476622	3.70235612	2.83890578	3.05417474	3.68574188
1.00E-04	1.00E-04	0.24437418	0.38931156	1.00E-04	1.00E-04	0.47497632
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12583522	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29754206	0.3370036	0.69933509	0.6601051	1.00E-04	0.96684893	1.00E-04
0.82064165	0.92191952	1.85325287	1.74225741	0.48823099	0.71680234	0.79371788
0.68301484	1.00E-04	0.81873174	0.8366878	1.00E-04	0.81269531	0.19293133
4.70587797	4.59060961	4.76044593	4.97475644	3.1681754	2.57952214	3.08641638
2.88373398	2.42031361	2.67787338	2.95550896	1.7323848	1.0989386	1.34926106
3.55335668	3.38093916	3.22892165	3.4068237	2.29979131	2.73674857	2.16537214
4.07640254	4.383962	4.83912069	4.97241458	2.6183927	3.33833424	3.62985612
4.40859034	4.86427086	5.06082438	5.2050923	2.30692644	3.4084591	3.17809793
1.00E-04	1.00E-04	0.11588517	0.21193227	1.00E-04	0.52691586	1.00E-04
3.23984504	2.98442963	3.0580755	2.8140908	1.91503256	2.69218347	2.48161612
4.74371552	5.49933835	6.63987018	5.96984472	4.47337261	5.40616671	7.37540125
2.56693652	2.67211465	3.20983832	2.51543233	1.56592086	2.46019801	3.93671611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.18456797	3.85562856	4.5874087	4.16456447	2.88935628	3.97414775	5.31469717
0.39960928	0.90685949	1.32910459	0.89889455	1.00E-04	0.79177874	0.21931269
4.72497098	5.46637984	6.26839636	5.62605403	4.06366686	5.67962391	7.187447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62167375	1.62354972	1.20205866	1.6935122	1.37298262	0.29050809	0.14835414
4.56283574	5.18843173	4.74420159	4.9877345	2.04713559	3.04754838	2.60815449
0.82743901	1.5439572	0.56450187	0.95886029	1.00E-04	1.09107733	2.02518361
3.43052797	3.56569836	3.49944096	3.4755705	3.99005855	3.67765521	3.30161185
4.38374736	4.67947792	4.51671474	4.57141231	2.00275194	3.60041004	2.8540626
0.1955807	1.00E-04	0.03261896	0.05644942	1.00E-04	1.00E-04	1.00E-04
0.66017541	1.24077824	1.44948311	1.41580153	0.63609922	1.4203227	0.51907655
1.98159899	2.40265472	2.17055245	2.22010625	1.08813726	2.93549199	2.28426455
3.38612636	3.74218966	3.49506258	3.39513579	3.53829681	3.78847786	3.70564071
4.59753875	4.79919025	4.17578915	4.26515717	5.49832065	5.79552278	5.76646684
4.64539795	4.82869173	4.46393064	4.5281839	4.77478521	4.72956245	4.66169346
3.97015948	4.14860205	4.14816871	4.14292804	3.99499086	3.91130905	4.48539116
4.23771605	4.3106902	3.87740574	3.80455307	4.91873894	4.81932568	4.53659579
3.5941745	4.11361839	4.87865818	5.04513847	3.49380862	3.59082269	4.83681831

2.59192167	3.26474597	3.11345913	3.16375145	2.07950602	3.08545453	3.01985082
1.00E-04	1.00E-04	0.06687372	1.00E-04	1.00E-04	0.41205115	1.00E-04
1.42554006	1.66330414	1.56462182	1.82600978	1.00E-04	2.01285644	1.68259668
1.00E-04	1.00E-04	0.06014398	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.290508	1.73603416	2.37110347	1.78249101	1.00E-04	0.66179475	2.05452537
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.36770458	1.14918699	1.00E-04	1.00E-04	0.15149617
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.9629834	0.75686238	0.69924959	1.00E-04	0.84536716	1.4289514
1.00E-04	0.65210706	0.25455259	1.00E-04	0.51366621	0.91600163	1.00E-04
0.2678044	0.2149074	0.15049449	0.15802815	0.74910948	1.08680267	0.29945792
4.40985268	4.82313316	4.36655802	4.28042594	4.60395273	4.94634344	4.49709631
1.10502517	0.75720767	0.62470762	0.41783792	1.05772513	0.76871281	1.59289502
2.63765208	2.77328999	2.99992732	3.17524992	2.10889771	2.95913916	3.1217709
3.35911285	3.41009081	3.17361838	3.2609384	3.77087443	3.7901989	3.64701143
5.88396771	6.04768102	5.61594127	5.3641609	5.66632801	5.93256436	5.07793501
0.97087213	0.48770124	0.57555015	0.92011903	1.00E-04	1.00E-04	0.55167303
3.85975043	3.82541071	3.64505854	3.71007782	3.26503962	3.40006589	3.31505294
1.00E-04	0.73174827	0.73930843	0.18595272	1.39043298	1.42714808	0.70846957
3.46717215	3.45815385	3.03504402	3.03842353	3.29632048	3.73156365	2.92885052
4.50100453	4.77758895	5.08547828	5.07704526	4.29180485	4.3182007	4.87136122
2.39611756	2.73148146	3.22514154	3.16819046	1.75176584	2.573758	3.3710728
4.27437653	4.64610635	4.60580006	4.47884853	4.60528581	4.53333873	4.96158789
3.00434595	3.95104373	4.67521697	4.80661179	2.53984866	3.33817854	4.49729409
4.52732025	4.66627918	4.98578852	5.12496569	4.07005454	4.02151448	4.38543291
2.68953064	2.49922324	2.39881121	2.32386663	2.17310131	2.10578097	1.98945286
3.28811246	3.50849743	3.46929731	3.47844452	3.32013776	3.51487846	3.41150613
3.83250313	4.13661101	3.86711782	3.89913616	4.40544699	4.35611191	3.92467927
5.43886002	5.53618056	5.13693374	5.09773407	5.48945078	5.72141548	5.30552971
4.35643438	4.56255465	4.09663031	4.03979977	4.8222431	5.13397402	4.59181834
1.00E-04	1.06690274	0.56903121	0.44332022	1.00E-04	0.22941088	0.3392339
3.97515791	4.15047166	3.76999568	3.7148947	3.98436615	4.46516236	3.97235174
1.47481483	1.83413702	2.12981421	2.21122264	1.03731263	1.60903244	2.02839095
2.60062973	2.61676462	3.17620863	3.25852411	2.34133032	2.69474583	3.27003152
0.97696106	0.72088955	1.39770814	1.20913207	1.00E-04	1.73881955	1.47201566
2.76326088	3.1408721	2.82224303	3.19248911	0.6702455	1.3739371	1.53380934
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.53506817	5.45911048	5.49948316	5.34230845	5.6124522	5.58883424	5.5237211
4.16523016	4.26885631	4.15284064	4.24158648	3.97592922	4.07908839	3.81114203
4.626628	4.73585477	4.03089491	4.32685704	2.50124421	3.65973112	3.91517186
3.14649885	2.06934671	2.30854769	2.07596859	2.77593583	1.88673765	2.27249385
4.62695931	4.52786591	4.26278353	4.26874723	4.30453053	4.40289195	3.87426317
7.32544808	7.53583277	7.07587241	7.12670651	7.67555672	8.06959014	7.49617325

4.24886545	4.25524848	3.87748552	3.76665586	5.30189328	5.44969785	5.01578157
4.65262596	4.8561245	4.52036297	4.61348375	4.30253784	4.69470955	4.62085597
1.71358637	2.56336795	2.60028024	2.39630194	1.70757984	1.79419511	2.63879292
1.00E-04	0.70937027	0.12261864	0.08063792	0.61235854	0.65202755	0.28441519
2.62520397	3.34975389	2.71174351	2.70490079	4.1322566	3.61213781	3.45593133
0.2887534	1.30172516	1.18118021	0.89111099	2.8359089	2.656306	2.60454233
1.1744859	0.04336477	0.43085181	0.50597166	0.69507273	0.81888604	0.14835414
3.75067224	3.86438716	3.16806185	3.34801648	8.09980824	8.19289095	7.94092313
5.22798596	5.15079879	4.97083885	5.09411592	5.46727525	5.47555837	5.14759246
6.58240388	6.65687682	6.13519195	5.97319961	6.12412506	6.56043757	6.25605898
3.08583076	3.08777776	2.92285638	3.04277136	4.37479328	3.9907747	3.62194229
1.00E-04	0.75176049	0.032615	0.26204279	1.00E-04	0.22044102	1.00E-04
1.00E-04	0.27612097	0.1177506	0.20189929	1.00E-04	1.00E-04	1.00E-04
5.03508751	5.03202186	5.14157925	5.11539301	4.43542116	4.8186786	4.7680547
3.13849787	3.18551804	2.78868526	3.29655919	4.57705814	4.37497137	3.94205328
2.41483844	2.72464283	2.4512302	2.19279945	3.38522612	3.50146358	3.17728315
1.25775419	1.55423858	1.43397759	1.12221173	0.58708779	0.25244024	0.65640915
4.71001352	4.71176264	4.3334401	4.42286108	3.75639294	4.3256398	3.85389407
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97199418	2.46580379	1.95533295	1.75273999	3.31921741	3.51323208	2.9483307
4.49177442	4.71058333	4.64035363	4.7923675	4.31734354	4.7365944	4.47612897
0.29114248	1.00E-04	0.09639995	0.07496949	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.91320096	0.72915557	0.54715897	1.00E-04	0.55298748	0.29567605
0.91676213	0.8927497	0.67733532	0.38583412	0.61856275	0.39606842	0.30711004
4.57123723	4.57519473	4.69122855	4.675063	4.18739121	4.25055587	4.02319544
3.4686454	3.72654618	3.13908263	3.34468553	3.96012646	3.91739567	3.12943864
3.32322768	2.87700171	2.58741871	2.53844891	4.79222209	4.33697457	3.67408231
1.5542896	1.57812241	1.27233388	0.66158493	0.54828133	0.85924399	0.81650995
3.12363542	3.42510512	3.41081265	3.65635311	3.67559184	3.64886742	3.35227761
3.75013117	4.31404353	4.59933003	4.78460135	3.38836375	3.4030258	4.22370773
5.46070169	5.551568	6.40841922	6.36329716	4.94439784	5.312542	6.17131196
0.14265331	0.29105365	0.13984706	0.30857196	1.00E-04	0.21159524	0.24007474
4.98476278	4.99223479	4.97757828	5.06584336	4.54247925	4.57335333	4.44343136
0.26718572	1.00E-04	0.04376293	1.00E-04	1.00E-04	1.82656632	1.15800289
1.02705929	1.34015435	1.02988494	0.99362454	0.74315279	1.75462979	2.378608
1.768277	2.18707274	1.40786414	1.52380527	1.38586158	2.27363003	2.79151415
3.89214783	3.63623368	3.11021767	3.20768867	3.65009501	3.7180776	3.28582282
1.00E-04	1.00E-04	1.00E-04	0.06853424	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17883191	0.264924	0.15933043	1.00E-04	0.5462964	0.1362077
0.79187938	0.88659076	0.33857034	0.7441714	1.00E-04	0.3924612	0.10785897
4.66823257	4.69335477	4.35792194	4.56313419	5.6223766	5.89325652	5.31452485
1.9993609	2.59448765	2.2926065	2.24202451	2.45282258	1.82146489	2.03277835
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1.00E-04	0.85448607	0.05483457	0.35021312	1.00E-04	0.52691586	1.00E-04
2.84656679	3.03079406	2.37544226	2.6705774	3.21058374	2.54602595	3.1427052
6.19913481	6.33525957	5.86673184	6.01379521	5.65533004	5.84761607	5.15659895
3.66904763	4.19049574	3.77601699	4.22174139	1.80204555	2.68794107	2.90934309
0.82048095	0.56595416	0.38703927	0.66054239	0.77042044	0.58781113	0.41627739
0.32435596	0.51145528	0.38331846	0.32690664	1.00E-04	0.75612486	1.00E-04
1.73160454	1.28720505	1.8197756	2.08463654	1.68845345	1.59354289	1.78950661
1.50569205	2.14028601	1.63083061	1.03508759	1.14692053	1.19462227	1.55811932
1.38336553	1.24707642	1.60132204	1.8988313	0.85927533	1.50906686	1.36216143
1.07141875	1.41657588	1.03630796	1.11048309	1.6012683	2.0075249	0.98013384
5.0444776	5.09297237	4.85108802	4.91329152	5.12204126	5.31224966	4.77773977
4.71737251	4.66441276	4.17306731	4.13700245	5.03467078	5.00401393	4.45105632
1.62807482	1.60804005	1.19977469	1.13014014	1.27000775	1.74000916	1.82153047
5.30631122	5.5153142	5.16748677	5.197161	5.44373711	5.51591854	5.07962737
6.30327922	6.39718245	5.94814237	5.840481	6.78164713	6.97451583	6.35488885
5.67709729	5.97861319	5.53214624	5.42170549	5.72776916	5.97906071	5.45290104
2.06142326	2.05350734	1.98067254	2.00754208	4.06685326	3.45816868	3.51367892
3.37924931	3.54899759	3.19678945	3.32555433	3.7612403	3.78824336	3.40737449
0.36570299	1.00E-04	0.39236153	0.52950976	0.69043823	0.54993822	0.780778
4.6798075	4.71958244	4.59764805	4.70063	4.24303733	4.47214555	4.52955251
5.8378488	6.03783412	5.74360614	5.65170624	6.27031884	6.27865841	5.98971445
3.60892434	3.46780048	3.39722808	3.39226722	3.97942272	3.30406017	3.68352305
4.96495486	5.15457239	4.41328563	4.83849641	5.68215064	5.81969004	5.47970113
5.62475467	5.8876123	5.49126902	5.30264516	5.62595203	6.05054976	5.5727246
4.6451724	4.76672804	4.54914203	4.40092647	4.45422094	4.93688398	4.28943241
0.70354622	1.00E-04	0.91337583	0.55114351	1.04823799	1.00E-04	1.39759625
2.69003159	3.05529926	3.29481459	3.47676234	2.49820251	2.62845105	3.31629545
2.27577051	2.09644036	2.04686091	2.08119872	2.27290471	2.89954661	2.6993072
1.74999764	1.54599488	1.83238632	1.72100449	1.96555467	2.58732617	3.03859771
0.64995475	0.52550714	0.57485108	0.58541114	1.00E-04	0.64955161	0.83679096
3.25382158	3.48362124	3.32487896	3.32304881	3.51624321	3.78053322	3.47844998
2.93334076	2.93854993	3.41354022	3.36139926	2.75405342	2.91460362	3.25968567
0.42503973	0.28739561	0.36697034	0.48753156	2.02045972	1.19540126	1.78888262
5.92000393	6.01917258	5.7126704	5.55266143	5.94064042	6.16670118	5.66065811
1.63917315	1.91160023	2.37607177	2.49791919	0.99435963	2.09159831	2.01992213
2.80542164	3.26509608	3.68398377	3.70843649	3.09883136	3.09793633	3.97845447
3.3701809	3.66806227	3.92579006	4.01558609	2.5899425	3.31088095	3.62300933
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4.81568637	4.93796503	5.20177601	5.39495637	2.6211039	2.28275784	3.24566103
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3.98505912	4.41244038	4.50757172	4.55957179	4.26217304	4.64923608	4.73404751
3.00171104	3.35603897	2.8781252	2.50983721	3.49641084	3.23606501	3.3688544

0.57200042	0.72964106	0.47629561	0.40567746	0.43090184	0.2496013	0.74621759
1.93709191	2.11987345	2.07762488	2.01113946	2.20432642	2.24836392	2.67525348
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4.71653681	4.88107386	5.4346253	5.55046081	4.09387306	4.62124032	5.15003809
3.97845829	4.00910245	4.17255348	4.45702918	3.95979979	4.02455914	4.23110184
3.2095471	3.13717339	3.26724032	3.3710951	2.88804403	3.31669958	3.48369933
4.19275235	4.45641925	4.19337331	4.16167185	4.28230529	4.59043576	4.42959782
0.922191	0.39930714	1.05769637	1.28396727	0.74910948	0.67327864	0.11565659
2.97552815	3.18342958	3.16757881	3.33820779	3.13956218	2.88540906	3.08216095
2.48975863	3.1169869	3.23213813	3.3583219	2.85526254	3.17801265	3.0134489
0.8397538	0.97662767	0.98264641	1.04521176	1.23412871	0.70293578	1.59632058
3.64198857	3.58925193	3.47730407	3.68123538	4.08035216	3.96708984	3.97961296
0.878568	1.70316854	1.36681009	1.57122005	1.00E-04	1.47127125	0.80362876
1.00E-04	1.75180421	0.85741746	0.7215519	1.00E-04	0.89880311	1.00E-04
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2.29731264	1.76471385	2.09739917	1.86442571	1.59516814	1.49811549	1.77567336
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2.31710099	2.91929348	2.28425983	2.32387216	2.84651571	3.46483772	2.71494146
1.35427327	1.42883715	1.34591106	1.61325535	2.07998298	2.03263582	1.69782343
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2.56577916	2.76636826	2.99625871	3.20421107	2.43322161	3.1784222	3.19255599
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2.65283274	2.6609811	2.69685492	2.87832365	2.1102805	2.5172788	2.24894374
1.16206131	2.13183507	1.26555345	1.67981727	2.33098366	0.96631868	0.92630365
1.63455135	2.04513623	1.36034985	1.62634304	1.88022099	2.34509719	0.35809916
4.44705384	4.64560641	4.27214027	4.13980175	5.40176774	5.37839897	4.78106048
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1.00E-04	1.00E-04	0.08070118	0.26866168	1.00E-04	1.00E-04	1.00E-04
1.60493688	2.2388272	2.13833541	2.36744455	1.6289208	1.88924343	2.49804922
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0.55776032	1.00E-04	0.22745401	0.26769395	1.00E-04	0.39173741	0.10785897
4.89942359	4.97570861	4.67383584	4.26746672	3.97545454	4.50275188	4.21920749
1.85385641	1.41517874	1.55816121	1.78688472	1.00E-04	1.18422378	0.42919138
3.86871851	4.06553251	4.1115572	4.23236909	3.72837027	3.92573913	3.79204361
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3.95924949	4.16909624	4.63504547	4.73163657	4.33514106	4.48278982	4.83571563
4.70154544	4.9339713	5.55707942	5.63925135	4.48174697	4.92421594	5.72272508
3.56774941	4.10743017	4.52838568	4.6579878	4.19515242	4.10330462	4.58039462
1.00E-04	0.36275048	0.69120007	0.80181285	1.00E-04	1.03052703	0.40951839

3.87066335	4.20507801	3.99893944	4.04074167	3.26867358	4.00642062	3.77854561
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93185743	3.06008595	2.76135043	2.94853281	4.46387229	4.57141266	4.27415346
3.9939799	4.09385745	4.32335938	4.3944938	2.56112179	3.02087615	2.96173983
2.01096697	2.38811231	2.82937862	3.09678851	2.38096496	2.84474532	2.96911764
3.12626932	3.35223857	3.38497693	3.53039336	2.47529917	1.94020327	2.44141312
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1.00E-04	0.30846266	0.63406677	0.51867956	1.26785251	0.85584967	0.69523995
2.02168091	1.61701475	1.77454724	1.65166847	1.78566803	1.6934413	2.5220145
1.24520642	1.56354607	1.7916961	1.805453	1.92422233	1.93995136	1.42829438
4.1259716	4.38590722	3.88210318	3.76924074	4.82800277	4.5817953	3.70054139
1.00E-04	1.48336243	1.19046604	1.49225827	2.28030101	2.61304373	2.10739825
1.00E-04	1.00E-04	0.0882502	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13608296	0.13010525	1.00E-04	0.40853719	0.16257726
3.81387034	4.15187655	3.74342243	3.76487764	3.43906756	3.85223583	3.6196942
1.00E-04	1.00E-04	1.00E-04	0.0907773	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72645021	0.24755536	0.9238442	0.37713676	1.00E-04	0.55410043	0.13285762
1.61154699	2.10503005	1.88996197	2.00686676	1.89563873	2.02345042	2.35604423
0.33844857	0.42119792	0.13107886	0.08024423	1.00E-04	0.33769545	0.11808513
0.62828257	1.51122174	1.34046241	1.2305856	0.78642261	0.58367797	0.72816044
1.00E-04	1.00E-04	1.00E-04	0.03135512	1.00E-04	0.11466061	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0923375	0.65910354	0.12583522	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15348789	1.00E-04	1.00E-04	1.00E-04
1.15062136	1.85202189	2.11263464	2.29221626	2.06574846	2.17049167	2.16477678
2.30327031	2.13670053	2.12317469	1.88958875	2.834369	2.18512288	2.23036567
1.00E-04	1.00E-04	0.03010394	0.03666446	1.00E-04	1.00E-04	1.00E-04
0.62394338	0.99081955	0.94289458	1.01547596	1.47176828	1.67884899	1.42374296
3.42270595	3.96809203	4.27270004	4.170271	3.19200808	3.68491432	4.74517732
0.12230013	0.20761411	0.26788025	0.10911948	0.24496797	0.12583522	0.11565659
5.73004942	5.88195308	5.41033881	5.32855249	5.48828299	5.67982211	5.40908971
1.09674444	1.32436721	0.64540565	1.12297997	3.1679833	2.5213385	1.04659033
0.36153968	0.64006608	0.4726516	0.33127358	1.75303947	1.31815908	1.87028615
2.67704921	2.78082727	2.72627626	2.79139193	3.29526933	3.52002735	2.84235325
0.46705734	0.64352093	0.23566297	0.42271178	0.88964928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25950361	1.00E-04
1.00E-04	0.56876874	0.18538076	0.54298999	1.00E-04	0.12640632	0.941852
1.49547244	2.00636407	1.52165766	1.78248231	1.7457372	1.28764947	1.98277456
0.23904013	0.31142551	0.55566835	0.3062068	1.00E-04	0.99309931	0.39438509
0.5764507	0.96221485	1.09678688	0.78670855	1.06559905	1.50609872	0.9250374
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.68147068	1.67463776	2.11501305	2.46242904	2.17363985	2.02558563	2.39762526
4.23420383	4.37528778	4.11578243	4.1698223	4.32165461	4.40785335	4.385156
1.00E-04	1.00E-04	0.05726284	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31056119	0.54206036	1.00E-04	0.06399846	1.42477731	0.28241755	1.00E-04
1.69194676	2.27517264	2.34264882	2.34184692	1.7738379	1.11025787	1.34703146
2.45923472	2.6011581	2.35610272	2.47376514	1.43972501	2.64965463	2.20531385
2.87835962	3.3147935	3.58267597	3.64307546	2.51784095	3.08618126	3.13075801
1.00E-04	1.00E-04	0.23248633	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.00438844	4.32341797	4.02150705	4.1733138	5.01188508	5.13804608	4.77401477
3.72327906	3.92873736	3.62188342	3.5782879	3.91543587	3.88342648	3.69700753
5.61579004	5.93890012	5.37056062	5.18688207	5.60127003	5.70445063	5.11108312
1.00E-04	0.60124235	0.19368345	0.2824852	1.00E-04	0.1839207	0.41141834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50706663
2.56137183	2.83213085	3.21930236	3.30999665	2.40868891	2.7202046	2.85365798
1.80342976	2.24268291	2.07962169	2.3074108	1.77348703	1.2011938	1.98197402
0.75424962	0.3096982	0.40539689	0.20200033	1.00E-04	1.00E-04	0.5896558
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.08884053	6.31590892	5.86224321	5.85055377	6.29674497	6.54982053	6.05761923
3.7515812	4.05341814	3.67111061	3.80964071	3.78609266	3.80855076	3.78126336
1.00E-04	1.00E-04	0.06675752	1.00E-04	1.00E-04	0.42442279	0.07440699
2.7271157	2.61688351	2.1010872	2.44997291	3.01522131	1.172968	1.78202409
1.00E-04	1.00E-04	0.10420069	0.0619417	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.54514797	0.34424973	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60181448	1.1253298	0.93159746	0.88549867	1.30695208	1.00E-04	1.52453658
2.57156576	2.82262137	2.58759889	2.42043779	2.56638695	2.86622902	2.6510629
0.63234533	1.09185892	0.35518487	0.30238059	1.00E-04	1.0776679	0.11565659
2.65861268	2.48141642	1.94164602	2.04687033	2.62121244	2.68449188	2.1312871
2.14976591	2.74348805	3.26787689	3.25205195	2.05187155	1.97968975	3.00104095
2.09265646	2.59855802	2.00653957	2.51449696	0.98538198	0.66270008	1.23241716
3.2187841	3.33281873	3.51377297	3.67063038	2.07207674	2.8737657	3.70689138
0.23109052	1.00E-04	0.15968615	0.12272057	1.00E-04	0.64955161	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.89409616	3.85949072	3.54394466	3.50732468	4.71711372	4.6507266	4.25164232
1.00E-04	0.23345537	0.38367786	0.75790497	1.00E-04	1.00E-04	0.34936598
1.41657626	1.40490508	1.60602828	1.37003264	1.44047827	1.46724456	1.83734903
1.14870096	1.68705612	1.03629598	0.76145223	0.42938666	2.22798921	1.49073201
0.56411381	0.41850213	0.37426943	0.13610649	0.44085717	0.87235852	1.00E-04
1.00E-04	1.00E-04	0.10943797	0.1452603	1.00E-04	1.00E-04	1.00E-04
2.72631036	3.16460779	2.72808042	2.67761766	3.318829	3.45135323	2.93684845
0.42266118	0.64540564	0.74099134	0.72269135	3.2507577	3.39958357	3.2517972
1.00E-04	0.29179991	0.32085186	0.21642148	1.07287978	0.40983364	1.00E-04
1.54476193	2.32605346	2.46586226	2.46580619	1.84361324	2.53912201	2.21060336

0.54816663	0.4770978	0.36154536	0.70250165	2.74887968	2.04183342	2.24043215
1.00E-04	1.00E-04	1.00E-04	0.14185387	1.00E-04	1.00E-04	1.00E-04
0.68034163	1.30844546	0.71034248	0.70863506	1.04841735	1.16895827	1.25888236
4.26633427	4.4702276	4.08763138	4.2699385	4.21531775	4.59872192	4.29583412
5.26305029	5.40393396	4.98618628	5.02291456	5.71094817	5.65807612	5.08041211
1.00E-04	0.3726086	0.13248794	1.00E-04	1.67434715	1.00E-04	1.3567077
1.00E-04	0.34011306	0.0569838	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.97809198	4.16214803	4.10415077	4.17121874	4.2982863	4.80621359	4.16866956
3.93100453	4.07608828	3.82725979	3.80749672	3.77752943	3.95361854	3.67375544
5.42254682	5.67171361	5.17622722	4.89873812	6.25102829	6.09811309	5.5696901
2.88383036	2.80326026	2.50249247	2.44517925	2.62360881	3.47750641	2.72331839
2.48163792	2.57988943	2.49631983	2.92033378	3.01165111	2.56111259	2.98554393
1.00E-04	0.27019336	0.5124669	0.6930433	1.00E-04	1.00E-04	1.1107053
4.76867051	5.01212897	4.53484001	4.41689683	5.11358797	5.4698009	5.09196506
4.21966136	4.38717467	4.23617789	4.10801125	4.41311069	4.40186121	4.32202785
4.72028238	4.98295178	4.66611015	4.59017163	4.60071921	4.8831498	4.38653448
3.4244609	3.24365933	3.03888421	2.74484502	3.33053997	2.42101964	2.83391449
4.17732655	4.73128793	5.04289543	5.31504589	4.09894877	4.36546343	5.07461622
1.95579238	1.77429225	2.33360351	2.1720993	1.95283105	3.23992665	2.5107377
4.52373975	4.80924691	4.27634096	4.2656103	5.21205848	5.30791489	4.91590075
3.39529995	3.54730224	3.56534787	3.67165462	3.30371267	3.74525688	3.43509611
4.58262143	4.72965166	4.67538102	4.65476858	4.95091149	4.98625352	4.59918955
5.78554379	5.86686207	5.50001022	5.50556765	6.10582706	6.26681861	5.90905498
3.36722985	3.56756549	3.33104347	3.09343916	5.04186557	5.29644222	4.88241235
3.22291171	3.34627797	3.12394066	3.11751605	3.84338403	3.78128975	3.66175025
2.78106718	3.19575293	3.61424247	3.59745741	2.99943254	3.02699925	3.43797349
3.69228314	3.91230636	4.71125625	4.73815079	3.47396248	3.92899856	4.66827495
4.02395987	4.18286634	3.97297858	3.9605255	3.84973927	4.04009663	3.64796788
3.33523957	3.50375798	3.526718	3.32449636	3.56859969	3.69913632	3.7789255
4.04881978	3.81425869	3.57096784	3.49580552	3.797864	3.74112815	3.67979872
2.57247175	2.85506115	2.79767448	2.80153973	2.69358022	3.46334537	3.15792608
2.03024828	2.58834859	2.17106686	2.2360286	2.40602137	2.46139747	2.28671266
3.70997611	4.01379413	3.43047208	3.48135825	3.7465122	4.17982493	3.40019273
4.01723118	4.31913481	4.49141175	4.60509173	3.86817646	4.03678448	4.4707369
2.37032241	2.40230462	2.33258137	2.34648061	2.03569637	2.23715236	1.58432079
3.14234369	3.57001291	3.321446	3.25123488	3.31353248	3.28096465	3.14769166
3.50183218	3.79381782	3.41684084	3.42005424	4.3833876	4.46493593	4.10006038
2.17304454	2.35414022	2.11866332	2.25733531	2.07052227	1.84453274	2.12606451
4.81378664	4.94475657	4.6036469	4.57865431	4.51877415	4.89184493	4.63660804
4.50645274	4.60261358	4.34012985	4.18403241	4.71376133	5.21313318	4.83497044
1.27066077	2.15889446	2.01840399	1.94131533	1.00872029	2.16481946	1.44763461
0.57650594	0.96111368	1.1830391	1.4168627	1.00E-04	0.83559193	0.38794164
3.13892913	3.09766626	3.27933197	3.37902994	3.15700161	3.0000692	3.64357135

1.00E-04	1.18900032	0.71187945	0.58310922	0.58708779	1.0014895	0.16885696
3.75411409	4.21492016	3.87638656	3.76641414	4.40268478	4.36939446	4.24951039
4.1941558	4.40733411	4.30458018	4.4379459	3.86487017	4.3097209	4.14483672
5.55176905	5.55074821	5.31075402	5.26952205	5.38984625	5.63176677	5.29152547
2.48578655	2.83041493	2.7686133	2.83853932	1.95259975	2.36618253	3.13355985
1.88821654	2.07498887	1.84844974	1.98425863	2.0230852	1.87793478	1.85494776
1.00E-04	0.21693998	0.03643129	0.17495285	1.00E-04	0.5186116	0.80101447
3.24791373	3.9594059	4.69295867	4.71205071	2.91791877	3.69167604	4.78378307
5.79930239	5.9850756	5.39672702	5.3353314	5.73773474	5.19088478	4.93905798
1.06075321	1.24295748	0.7002765	1.06946762	0.52474525	1.43856607	1.19321733
4.19217148	4.24210036	4.05429572	4.07256258	4.53072822	4.59352427	4.40112977
4.32010114	4.44279954	4.26325965	4.12243784	4.31734785	4.600853	4.40921706
1.00E-04	1.00E-04	0.2458259	0.27670055	1.00E-04	0.28191199	0.36895161
5.24501225	5.30574067	5.02964248	4.80569618	4.97407005	5.10651818	4.7862969
4.32070884	4.52508356	3.90018357	3.75225754	4.53266865	4.44800823	4.1940442
1.00E-04	1.05693144	0.97276972	1.04678463	1.00E-04	1.0437469	1.34918556
3.22572666	3.42562242	3.44831221	3.33999182	3.36451894	3.23474536	2.75604745
3.52496423	3.48728302	3.32523119	3.41617412	4.74411899	4.20432346	3.8418339
4.10629912	4.3806163	3.94663237	3.84903025	3.92429077	4.48000566	4.18581367
1.00E-04	0.35169434	0.110354	0.12180193	1.00E-04	0.27938516	0.37440717
1.00E-04	0.196274	0.03367236	0.22714176	1.00E-04	1.00E-04	0.31424664
4.5481357	4.79066759	4.73194304	4.76769291	4.13878326	4.55041089	4.43153865
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38805785	0.86836865	0.88259215	1.07298895	1.00E-04	0.42606835	1.00E-04
1.00E-04	0.26135941	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23472517
0.23522054	1.66817178	1.29074224	1.49354602	0.70686683	1.31780847	2.15241316
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.57009264	4.80134491	4.89071403	4.75544581	4.80467321	4.93719207	4.98025351
1.00E-04	0.19878524	0.20061871	0.14627076	1.00E-04	1.00E-04	1.00E-04
1.87108876	2.21725993	2.74230812	2.93343664	2.61040753	2.19882199	2.396403
1.21570885	1.44433392	1.2467339	1.13919747	2.23495379	3.05052433	2.91175213
4.69039131	4.90847659	4.41495457	4.43187186	4.30987526	4.7198876	4.31976075
4.67272544	4.66053596	4.48694892	4.47441933	5.32706413	5.4268253	4.77831072
5.57199694	5.23870707	4.93129099	5.2042283	5.1539223	5.3764375	5.09727809
1.00E-04	0.20100106	0.33781666	0.08162734	1.00E-04	0.53672067	0.30959015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.0211773	5.95003053	5.79758808	5.78868258	5.09273745	4.28440619	4.10808016
4.56639215	4.85131939	4.51799642	4.28922208	4.40464522	4.70200723	4.51537597
1.00E-04	1.3252932	0.74161255	0.84693667	1.00E-04	1.71288501	0.38049811
1.00E-04	0.35291833	0.37229197	0.40956495	1.00E-04	0.62757209	0.27658511
1.00E-04	0.15452825	1.00E-04	0.06279062	1.00E-04	1.00E-04	1.00E-04
4.41646662	4.63185922	5.07764176	5.12189621	4.09591632	4.14557245	5.09290513
3.78660484	4.38495801	4.68221544	4.66523695	3.84741495	3.91853502	4.4840344

3.41602766	3.85322084	4.25907184	4.22800694	3.06647551	3.33361006	4.11093309
4.43804146	4.86020368	5.67782155	5.77696724	3.64397682	4.06626149	5.32390037
5.30852935	5.75695852	6.72389382	6.86416309	4.5502332	5.02327301	6.31343947
3.51432103	4.2194818	4.97103343	4.9204281	3.29451734	3.42773422	4.69465638
2.71764472	3.09022869	4.1941451	4.14622566	2.71783572	3.00552386	4.23770031
4.25337653	4.57940931	5.46172371	5.41636504	4.05221031	4.24256338	5.50853597
2.81575762	3.640164	4.54663307	4.55900452	2.94672733	3.23601186	4.52386305
3.08882251	3.71172841	4.63984734	4.71969448	2.35291629	3.06475241	4.05165606
3.8289567	4.22544072	4.97921893	5.07659049	3.06777644	3.44016732	4.49588166
3.62944324	3.97817805	4.93773857	4.96995346	3.18531519	3.59337481	4.6389364
4.45578097	4.93994581	5.82696186	5.81978699	3.76470248	4.32631645	5.47448909
4.08773115	4.63287021	5.57598706	5.62834387	3.40999627	3.95916147	5.1958327
3.67327272	4.13934482	4.64745089	4.68627462	3.88036916	4.03332312	4.81188249
3.54200822	4.0157836	4.65737394	4.75314757	3.03924621	3.4252644	4.55544209
3.76303412	4.2971964	5.17044237	5.30841295	3.57227328	3.70586618	4.97815676
3.82020352	4.43504625	5.40477777	5.47241483	3.49263237	3.77901479	5.01341374
2.81319396	3.11523122	3.68390704	3.57885883	1.84735887	3.40587547	3.98501547
1.22389621	1.02840229	0.8504466	1.04420258	0.86518274	2.34991886	1.73168633
3.0031865	3.4729975	4.01412665	4.02837562	2.74798147	3.16649159	4.03104385
2.46649207	2.90921716	2.54410947	2.58187082	5.00076641	5.07646848	4.99951071
3.4041464	3.27540397	3.00161294	3.11272817	3.05490391	3.49091185	2.61213187
1.00E-04	0.06771236	0.34157805	0.07216241	0.53515803	1.00E-04	1.00E-04
3.02115101	3.60526954	4.26721062	4.26661625	2.28776131	3.66938629	4.87106976
4.03610836	4.6027415	5.20901452	5.07968372	3.81839961	4.47029705	5.50529401
3.56492154	3.63096019	3.74674507	3.67055148	4.18568509	4.41336906	4.4544619
1.00E-04	1.00E-04	0.06075536	0.05511365	1.00E-04	1.00E-04	1.00E-04
4.13647697	4.51546717	5.20834287	5.31652274	4.13105192	4.53445684	5.52429172
3.60618107	3.5589578	3.51190924	3.39653052	3.68324102	3.96409182	4.00407403
1.00E-04	1.00E-04	0.49187467	0.45312014	1.00E-04	1.00E-04	0.26662489
3.02163605	3.33098745	3.44183046	3.42165409	3.42775063	3.3320052	3.76133625
3.17712417	3.05766503	3.24286579	3.23821959	4.30065613	4.22728851	4.05631368
0.6556147	0.50525968	0.46538707	0.62888378	1.00E-04	1.00E-04	1.00E-04
2.80404993	2.96585886	3.20664854	3.29471506	2.33668738	2.64758354	3.63661455
3.98551586	4.13380119	4.12614613	4.26769674	3.59251361	4.25406146	4.04297678
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.51684001	4.01150639	4.83771312	4.82888951	3.48330301	3.83502955	5.12968273
1.00E-04	0.23305502	0.22397725	0.17158696	1.00E-04	0.11240321	1.00E-04
3.76675922	4.00762312	4.41726934	4.46914858	3.81318313	3.63414276	4.41613842
0.27089922	1.00E-04	0.08809937	0.09597367	1.00E-04	0.4379604	0.25370611
1.00E-04	0.61547912	0.83072502	0.70539221	1.00E-04	0.74762369	0.30034481
4.1238362	4.29798639	4.07223257	3.94489262	4.32682498	4.69035429	3.94730295
3.74545668	3.92836682	3.63257204	3.63647596	3.96768911	4.23529916	4.07675515
1.38578341	2.34528806	2.00777361	2.13229116	1.66863849	2.29713037	2.21652988

4.96926595	5.04066244	4.88628475	4.7072617	5.10994606	5.17321227	4.66901925
0.64564501	0.57743604	0.56628818	0.55205074	0.65910354	0.69620669	0.74347869
0.55338922	1.53997711	1.54000777	1.57401451	3.07590266	3.11973184	2.94442637
3.84811633	3.62184007	3.53713798	3.96737191	3.28429279	2.96048794	2.63606019
1.1189935	1.4931194	0.83401203	0.77382054	0.77721515	1.26202296	0.16885696
4.44573248	4.3924937	4.55222713	3.36521742	5.78031321	5.47401995	5.52448431
1.00E-04	1.65675372	0.31567168	0.54907125	1.32457871	0.23105475	1.00E-04
4.86838355	5.12418762	4.71690589	4.6085654	5.42026783	5.21974757	4.95366494
3.04889289	3.28748278	2.79130516	2.92288377	2.22857011	3.43690816	2.95237642
2.90396294	2.98199252	2.95485803	2.89931723	2.97433116	3.29654015	3.0645437
1.60664426	1.75929692	1.39041349	1.69004042	0.86124212	1.95587595	1.65911825
4.92763485	4.97398917	4.6261308	4.53334506	4.79931456	5.16944192	4.49945402
2.18415771	2.87428242	3.19336756	3.30665108	1.00859621	2.48614796	3.3876354
2.26349023	2.67262643	2.24200008	2.23743595	2.03548276	2.17240432	2.45925257
4.68071282	4.99323853	4.56433777	4.43385929	4.99843153	5.0116458	4.64730038
1.62606158	1.29133574	0.8452965	0.96903073	4.48967815	4.75520093	3.91407178
5.79796475	5.87374315	5.52717258	5.44586554	5.86406987	5.92828325	5.45085921
6.60522871	6.61449924	6.34941532	6.35002593	5.56739205	6.06491386	5.59650315
5.08409687	5.33579102	5.02780862	4.88045145	5.09963494	5.26076628	4.89202175
2.60162414	2.68534404	2.64382263	2.74935964	2.74500205	3.0231144	2.92487784
5.3830003	5.4997386	5.17195698	5.15048096	5.198195	5.58424157	5.18249917
3.82146628	4.19692746	4.01237193	4.06751045	3.88521033	3.90170075	3.77630412
4.0247505	4.36532115	4.19330399	4.21039749	4.27207698	4.51780267	4.48039302
5.35138393	5.39466261	4.95347373	4.80654678	5.17838799	5.31500581	4.82241417
4.44655614	4.45321914	4.19117507	4.37719787	3.19137114	3.504428	3.33160662
0.86929143	1.11226995	1.12303456	0.95126335	1.10345699	1.36543192	0.86821948
2.69232152	2.79702797	2.75118742	2.94815022	3.59326061	2.66946728	2.71111391
3.38167359	3.63448032	3.86573724	3.88137693	3.61489329	3.58862506	3.97405599
4.66975541	4.7686352	4.41307381	4.29865981	4.68249715	4.45103712	4.20164795
2.03533385	2.35079934	1.90662514	1.92361938	1.28421757	1.66592177	1.60230597
2.93013716	3.36501273	3.72341453	3.62301351	2.54656061	2.98436137	3.57371673
0.51318653	0.07925372	1.01118102	1.10296348	1.00E-04	1.171158	0.9063454
2.96782417	3.79155209	4.10730406	4.11524912	2.36155255	3.18024273	4.0113133
1.81066471	1.6679505	2.67729775	2.83160862	1.04795005	1.6205626	1.65738047
1.00E-04	0.48112862	0.96995018	1.14675248	1.00E-04	0.61323769	0.49820748
4.61890535	4.54008925	4.19309129	4.22538931	4.53035231	3.5653411	3.22245798
4.48326136	4.64869927	4.51139554	4.19705496	4.05569433	4.58745513	4.07689878
2.12746124	2.52746814	2.19458366	2.56205606	2.50410213	2.40715968	2.25348997
4.47961054	4.57012867	4.14687555	4.10498727	5.36714736	5.47811811	4.89418487
1.00E-04	1.33486399	0.54810919	0.41679343	1.00E-04	0.51541791	0.09464396
1.27701235	1.85627194	1.9431588	2.00436835	0.90945401	1.98511398	2.39080229
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05180353	1.00E-04	1.00E-04	0.36686909	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58466545	1.44452189	1.51735636	1.28493171	1.00E-04	1.00E-04	2.1737005
1.66195145	1.79738616	0.91772193	0.79619046	0.74684033	2.08318404	0.95609906
4.205901	4.34168639	4.04514159	4.01335828	3.89349518	4.18019437	3.56729165
2.0748475	1.80249605	1.17019616	1.87402862	0.91253233	0.49128023	1.00E-04
1.49192305	2.14654192	1.82692117	1.88770806	1.82521256	2.29933049	2.62899309
1.00E-04	1.00E-04	0.17267413	0.05124358	1.00E-04	1.00E-04	1.00E-04
3.01161092	3.32284915	3.10472312	3.15746383	2.87694691	2.82959031	2.59383305
4.21099477	4.37889954	4.12670364	4.16260449	4.59420418	4.43511517	4.37139412
1.0649931	1.08749832	0.97196537	0.99828447	4.37758924	3.05346394	2.61287182
0.59827303	0.4713476	0.72127821	0.34504416	0.93145379	1.00E-04	0.43073989
7.62382762	8.28793787	8.90468719	9.03868093	6.79923925	7.66091111	8.47938961
1.95548796	1.95562741	1.73978377	1.81600361	0.40912496	1.00350996	2.27360418
3.67073053	4.09049546	3.80082003	3.73699115	3.48120232	3.96565111	3.60127149
0.60636411	0.88676908	0.90851895	1.05261018	1.6411447	1.40866431	0.59170512
0.63120087	0.806084	0.44096946	0.64065233	1.00E-04	0.75030373	1.00E-04
1.57869233	1.97777319	2.23045584	2.4277862	1.1947222	1.81730065	2.55463611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56272387	1.50069844	2.28272542	2.37203933	0.97377595	1.04982159	2.07258557
2.39997977	2.60387867	2.44276618	2.24026999	1.23045102	2.15180362	2.3207049
2.5036427	3.05593138	3.38998037	3.52080266	2.73512676	2.9359322	3.25561239
3.84759882	4.03413687	3.73030322	3.72572002	3.33552026	3.17354076	2.99177568
3.95634851	3.88647461	3.83682591	3.71205597	4.6754304	4.72595523	4.03984666
1.00E-04	1.00E-04	1.00E-04	0.03822891	1.00E-04	1.00E-04	1.00E-04
0.46338088	1.00E-04	0.2011661	1.00E-04	1.00E-04	0.31292031	0.09464396
2.13240902	1.9126755	2.33299104	2.24275461	1.32331862	1.89384041	3.25720136
1.00E-04	0.24377583	0.05418284	0.28512936	1.00E-04	0.11240321	1.00E-04
0.84190398	1.3033595	1.49257167	1.2134972	1.08563684	1.98482485	1.86812331
1.00E-04	0.22597662	0.60622376	0.38231824	1.00E-04	0.39543626	0.78107054
0.38262809	0.49209037	0.91846417	1.14241845	1.24730419	0.98806224	0.98510171
3.26767531	3.13389724	2.8148096	2.868146	2.96987204	3.15884957	2.85144989
1.00E-04	0.3644341	0.08555436	0.10468739	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44495153	0.10091974	0.08203476	1.00E-04	1.00E-04	1.00E-04
0.6641943	1.38355574	1.17677063	0.76610535	1.00E-04	0.35540377	1.00743894
4.43004871	4.41815922	4.56490822	4.38296971	4.40671754	4.59737581	4.94431297
0.54924777	1.44049212	1.20034031	1.50380034	1.50437539	0.97636643	1.24984732
1.64799505	2.41166927	2.54884884	2.48706103	1.88405971	2.0971221	2.71344572
0.89746103	1.64261581	1.32856933	1.4264868	1.00E-04	0.9494062	1.26164713
3.46558736	3.85093973	3.51574091	3.35675677	4.13177445	4.99802898	3.86471074
1.00E-04	1.00E-04	1.00E-04	0.07879597	0.42197018	1.49176693	0.84346639
2.033782	2.26706327	2.23017617	2.41844996	1.00E-04	2.23778263	2.44721725
0.35379409	0.53087943	1.16070263	1.4217835	0.54258268	0.88570252	0.37461919
1.03569012	1.68530451	1.33676721	1.40240883	0.68540115	1.81387345	1.13504408

1.94582806	2.48810356	2.8281285	2.92871611	2.38520622	2.33675587	2.81262447
0.60712159	0.29038159	0.67166184	0.71237126	0.83132678	0.61306631	2.09142366
0.54977337	1.2968199	0.61360414	1.25463829	1.00E-04	1.16058667	0.55729741
2.95056294	3.64869312	3.60675416	3.73699066	2.9328764	3.25194974	3.49830246
5.42957221	5.73555793	5.20623968	5.0607318	5.59941506	5.70282747	5.16586588
1.64687938	1.8822845	2.08888949	2.34782739	2.06971978	2.25526921	2.44343285
0.6163855	0.70749093	0.89228243	1.30277028	1.00E-04	0.53383097	0.94509341
3.26734232	3.68589317	3.3585568	3.46215864	3.64611583	4.13515234	4.00640595
4.50819046	5.01472847	4.59098087	4.16544702	6.19813287	6.71544311	5.7514584
1.51275608	1.97125454	2.2673537	2.43116339	1.98672968	1.46458865	2.54345195
3.22548922	3.45919243	3.70409221	3.75599128	3.34498895	2.94199263	3.25995968
2.07692085	2.35560426	2.4406774	1.91453516	2.69551324	2.14501025	3.23627111
0.70153154	1.65951689	1.59842625	1.51026965	1.14560882	1.82111618	2.10284032
2.41634381	3.09855915	3.03233495	3.15361567	2.68997316	2.61950428	2.86550863
2.93005988	2.98519294	3.17110693	3.28276495	3.03684323	2.88579979	3.33587178
2.92359344	3.20484245	3.35840842	3.50156444	3.36294331	2.85917435	2.99553069
1.00E-04	1.00E-04	0.05673139	0.1617556	1.38373478	0.39240942	0.91786836
2.49948347	2.86590311	2.60710338	2.73647175	2.26460681	2.90390708	2.50456077
1.27114193	1.17517216	1.47545738	1.47874952	1.93599305	1.69701498	1.91421242
1.1404536	1.96690887	0.86586185	1.09244919	1.27992114	1.47764029	1.64668862
1.1624545	0.75871937	0.52994938	0.70301278	0.91632913	0.95931288	0.40565461
1.41863499	1.11421168	1.11463531	1.05042922	0.95838603	1.1162897	1.9302564
1.75831204	2.36517449	2.49578978	2.54062215	1.68511749	2.05577092	2.77240176
0.41062752	0.64176254	0.41485437	0.32404402	0.35750248	0.33921206	1.11285109
3.83934479	4.41200993	5.18563569	5.1849209	3.17493873	3.52790769	4.89730772
1.00E-04	1.00E-04	0.05458972	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17458887	2.08362399	1.52103041	1.69204613	7.48447896	7.93427992	7.28762695
4.68406835	4.65809645	4.36539616	4.18365383	4.66727313	4.63688272	4.37993793
2.38251924	2.64794631	2.54141979	2.59319817	2.65045456	2.42846125	2.36872734
2.56862562	2.9958744	2.42834063	2.25093845	3.43067607	3.58590961	3.25196407
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4050899	0.20778504	0.09303301	0.19877229	0.38091442	1.00E-04	1.00E-04
2.30902122	2.75459795	2.76720324	2.66568369	5.49212955	5.84952173	5.95421386
3.87232476	3.99356709	4.21615566	4.57947386	2.7730184	3.53296932	3.40934947
1.17407157	1.22415061	1.09406645	1.14339072	0.97502882	1.73144996	0.79344569
2.23475313	3.15964926	2.85375519	3.06481269	1.32530741	1.93417006	2.92049156
3.22358497	3.7222001	4.51281425	4.59511131	2.89294143	3.3439859	4.39377972
5.5223072	5.64212738	5.36553193	5.22370944	5.7179703	5.95948291	5.73035867
5.06597857	5.23413522	4.77243079	4.7855589	4.78126808	5.06823891	4.77102993
4.0470426	4.09706684	3.99558982	4.01275662	4.19706852	4.39776546	4.07138902
3.92872887	3.97579119	3.49153877	3.8924775	5.17352937	4.85663771	4.85406386
2.2317787	2.61216749	2.6566912	2.93078073	2.73484647	2.88845633	2.65309779

3.03088687	3.41728732	3.82227514	3.89396762	2.97071076	3.12756563	3.18183112
1.95952908	2.60449019	2.54447058	2.63459291	2.22541344	2.65313969	3.16599357
1.00E-04	1.00E-04	0.63629153	0.09755541	1.00E-04	0.43070808	1.00E-04
2.34674854	1.96383323	1.96160141	2.20695915	2.71900259	3.0070439	2.48894903
0.24887198	0.68728765	0.53356049	0.6726424	1.00E-04	0.40012907	0.53424338
2.36240099	2.59986919	2.28382666	2.3538419	1.3603816	2.59735921	2.34488764
1.205083	0.6065003	0.81753221	0.94635127	0.5982431	1.05378515	1.39505505
1.69708349	2.27901928	2.07550544	1.99509395	1.36843399	2.49326588	1.63656085
0.8412712	1.42821607	1.6931705	1.62698077	1.7946854	1.59875367	1.78371819
3.33196793	3.37956461	3.36515371	3.41966152	3.04404209	3.17583247	3.12226382
4.64452418	4.86308959	4.3929634	4.31114679	4.9851196	4.83197046	4.74690455
5.46913848	5.69617724	5.31324638	5.2088864	5.79903107	5.90071312	5.39126503
1.00E-04	1.00E-04	0.11592398	0.4963597	1.00E-04	1.00E-04	0.70822753
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.45087429	3.66145965	3.59087062	3.68513538	3.55890553	3.79528726	3.85770635
3.14762715	3.45403714	3.84127008	3.95419813	2.94149335	2.95871423	3.61208397
0.4969231	0.87281207	0.88482935	0.42186023	0.89553159	1.00211019	1.00E-04
1.83191507	1.9161721	1.54945359	1.7020993	3.63132456	4.29393586	3.43566597
0.16598082	0.78063938	0.49303756	0.324262	1.00E-04	1.25641987	0.94275226
3.14911167	3.82653877	3.95646073	4.05911131	2.41578754	3.32952453	3.57004346
5.65752704	5.89533275	5.45794024	5.36104712	5.86486821	6.0320785	5.37971342
3.75927699	3.73187795	3.78845127	3.72943924	4.7067538	3.433273	3.94901754
4.09332178	4.66307739	4.15970375	4.1199875	4.02789642	3.8587782	3.70956506
2.28147447	2.57694692	2.51263689	2.74093991	2.23601057	2.32038053	2.61098107
3.17185375	3.64934927	3.78543122	3.75318668	2.71858213	3.3886603	3.54912805
2.12680692	2.55610194	2.32114635	2.38872625	2.07341057	2.18386851	2.99039739
1.00E-04	1.00E-04	0.04759603	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11146911	2.268702	2.36868877	2.36804398	1.92200172	1.99223672	1.93483621
3.37158432	3.22418909	2.76621052	2.75112987	3.01936406	3.49474984	3.42671816
1.65984769	2.13002234	2.54515443	2.62989147	1.69659168	2.03721912	2.75960532
2.32328708	3.02003855	3.01246654	3.14789415	3.03399687	2.97831742	3.49209255
1.00E-04	0.83636178	0.730325	0.59209321	6.09586514	5.95173538	5.34853108
6.46885337	6.4702127	6.32573707	6.27112975	0.87165607	2.52575276	3.24778304
7.23562048	7.63958554	6.69550494	6.93520774	6.47876851	6.86572839	6.07176784
2.65045278	3.47361853	3.94647218	3.43723743	3.29576156	3.84982147	4.76224167
4.49593836	4.82149444	4.32532209	4.40588914	3.29791357	3.81784148	3.31184393
1.00E-04	1.00E-04	0.06488908	1.00E-04	1.00E-04	1.00E-04	0.32432879
4.16693609	3.98956373	3.98652986	3.78542484	3.96901319	4.21882685	3.8916115
1.86017233	2.38005342	2.50814968	2.52022137	2.15838111	2.38226418	2.89033492
3.87826326	3.98376003	3.87724652	3.85694052	3.85990823	4.41782614	4.30566717
0.10114823	1.04050762	0.72015133	0.4820646	1.00E-04	1.67847856	0.82917087
1.00E-04	1.00E-04	1.00E-04	0.04543742	1.00E-04	1.00E-04	1.00E-04
1.43916982	1.94365496	2.22276675	2.18715954	2.12442304	2.47176592	2.31669286

4.24509947	3.86398897	3.65289058	3.58129643	3.1535316	3.47746811	3.63765683
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73209913	1.68782639	0.75003749	0.62205716	4.78232589	4.70032662	4.43203612
3.71627989	3.99405678	3.97903803	4.03996987	3.62116208	4.01812904	3.73992364
3.5310174	3.78669479	4.26309882	4.44078128	2.86919756	3.46385447	4.08252933
1.65037207	2.11349458	1.75310645	1.85355958	1.20926865	2.27477138	2.51689223
3.67012028	3.59728323	3.70774385	3.6369906	2.83939688	2.9426485	2.918341
4.98783496	5.21787597	4.91118679	4.93748829	5.15748832	5.16720455	4.92673867
3.12736699	3.3108317	3.06781841	3.06086897	3.39470023	3.3314413	2.81271951
0.42077511	1.00E-04	0.12866588	0.40182356	0.65706667	1.00E-04	0.72689549
0.74541613	0.75187155	0.23153841	0.14481156	1.00E-04	1.285693	1.00E-04
3.73469039	3.86837215	3.68466863	3.66994411	4.2312801	3.8354521	3.47860247
2.70708607	2.79495791	2.55850282	2.50099376	2.18366692	2.76121316	2.17023322
1.94725494	2.18486876	1.67279077	1.80318029	0.78867659	2.6916524	2.30346843
1.37662319	1.8780763	2.03015858	1.98968484	0.79362241	1.39361189	1.79281712
2.80947288	2.88609362	2.7150986	2.87307425	2.0071016	2.61937392	2.49332098
3.02267755	3.10911507	3.22725963	3.31029457	3.12192256	2.73116415	2.47825585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43828417	1.00E-04
0.79328135	1.00E-04	0.29157773	0.09520101	0.24496797	0.83773935	1.00E-04
1.00E-04	0.06661234	0.08465779	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.41497659	5.43496274	5.08270732	5.03635143	5.04133512	5.18330231	4.72078198
0.21654948	0.73026154	0.36969025	0.92408933	0.38091442	1.04177416	0.21257887
3.06356536	3.57263541	3.53006296	3.60765689	3.20217416	3.37274024	3.62838386
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65280518	0.41882697	0.44274252	0.63683714	1.00E-04	0.27093829	0.78953614
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48723612	1.2434966	1.12209052	0.7760174	1.34326153	1.82845789	1.68725994
0.9947606	0.35608848	0.51108703	1.09360182	0.41241033	0.4379604	1.00662758
1.56574439	2.25344115	1.35112534	1.83039113	3.70193889	3.81743693	3.70362741
0.67203636	0.62595287	0.33781913	0.37429191	3.30133628	3.65284802	3.49614091
0.5816293	0.86662271	0.72020248	0.61664296	0.49775343	1.95755395	1.74353639
0.98637513	1.55893615	1.17485847	1.33638346	1.03140788	0.68178127	1.73709567
1.00E-04	0.30602163	0.25334416	0.23722204	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0563983	1.00E-04	1.00639663	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17728136	0.22015646	1.00E-04	1.00E-04	1.00E-04
1.18367483	1.12671186	1.39288568	1.51927819	1.37385102	1.03002527	2.61733493
0.38302352	0.4743224	0.99574685	0.91607206	0.6397631	0.88848178	1.1536128
1.91026958	1.88021631	2.43986145	2.65299667	2.79624572	2.40636313	3.79043206
0.45608282	0.3723527	1.18169831	1.06858841	1.11327542	1.19217001	2.54633405
2.32241689	2.89480223	3.85391466	3.53283126	1.09086651	2.88459953	4.78084577
1.65167714	1.65168611	2.28158588	2.44249557	1.39248327	1.87941821	2.46515592
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31932389	3.30021062	3.22544761	3.31570707	2.59357388	3.46867941	3.42011587

1.00E-04	1.00E-04	1.00E-04	0.05748271	1.00E-04	1.00E-04	1.00E-04
0.17300709	1.00E-04	0.43735354	0.11612818	2.60194185	2.66351462	3.31222698
0.58879472	0.52722273	0.94385993	1.31795568	0.88713939	1.53526252	1.70282054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08674121	1.00E-04	1.00E-04	0.53089786	0.36701221
1.30028072	0.69949762	0.52414615	0.57355252	1.86495671	0.61507252	0.40378761
1.00E-04	0.65974162	1.4118895	0.68860172	1.00E-04	0.27371291	1.00E-04
5.14123292	5.42118453	5.25864925	5.05050939	4.13461305	4.38071246	4.47321192
2.90069169	2.96580726	3.30042211	3.06772243	3.71009631	3.67890191	4.82680499
1.00E-04	0.28962925	0.09576909	0.10725255	1.00E-04	1.00E-04	0.7991474
0.594317	0.56698861	0.63881607	0.94799702	1.00E-04	0.59715474	0.25898426
1.00E-04	0.06491731	0.02261359	0.22890954	1.00E-04	0.2210583	0.25370611
1.00E-04	0.31005494	0.05088236	0.42749104	1.00E-04	0.76135294	1.00E-04
4.44545997	4.16971006	3.74617525	4.05052818	3.52335813	3.67082285	3.8878319
3.25088115	3.25664933	3.21342539	3.29876953	3.66780223	3.86396865	3.52088517
5.72053423	5.37198743	5.25344079	5.06704164	4.37960422	4.03062579	3.82216529
2.08212263	1.74703113	1.40142335	1.59755798	1.7043743	1.19566525	1.55959857
3.9842852	3.95549896	3.6518753	3.55978589	4.24048075	4.06546572	3.00802818
4.46047262	4.48644235	4.36052811	4.52236405	4.17199193	4.41070061	4.30131649
3.70205441	3.97204657	4.02431339	4.10626587	4.03764249	4.4908284	4.4894511
2.05235336	2.67185625	2.60958117	2.65749038	3.446597	3.64818914	3.72344119
2.70413133	2.81480461	3.256023	3.40975886	3.11550758	3.27012758	3.63031794
5.20467317	5.41927578	5.39147818	5.46201057	4.92080752	4.96111015	5.03056672
2.94962259	3.31747881	3.03543111	3.07441466	3.82622035	4.22167566	3.44594325
3.89657071	4.13727324	3.78688004	3.9174553	4.08849051	4.22155481	4.04965118
4.18300015	4.16973178	3.79952909	4.10903952	4.91397221	5.41833259	5.24014033
1.00E-04	0.06964474	0.24787481	0.32934677	0.80551387	1.25295707	0.72709737
6.15820831	6.36835324	5.94216449	5.8319226	6.25776829	6.47237751	5.95991439
1.00E-04	1.00E-04	1.00E-04	0.03938149	1.00E-04	1.42683518	0.22681224
1.00E-04	1.00E-04	0.21425582	0.19332767	1.00E-04	0.26855651	0.4879638
2.40564774	2.45013997	2.43145854	2.2996256	1.63999005	1.46636434	1.46963562
2.60083499	2.91046807	3.27758875	3.296466	2.11073922	2.58588848	2.75451846
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.44828979	1.63807949	1.45167934	0.94546895	5.95180095	6.16127875	5.71176824
3.17079727	3.182823	3.0247247	3.11691407	2.30226249	2.88873725	2.91305002
3.63214624	3.75228156	3.58789589	3.59152266	3.50394356	3.92244295	3.25891692
1.53080691	1.16022067	1.50530676	1.41939564	6.4085091	6.04304916	5.62330335
3.76123902	4.21020857	5.18653411	5.21440454	3.35851812	3.51366334	5.13701009
3.33042326	3.79093913	4.28751932	4.37085578	4.36215607	4.73949344	5.27252154
1.00E-04	0.48071284	0.54854042	0.55987093	0.69043823	1.00E-04	0.70155031
1.48011901	2.36256469	2.84251377	3.00809134	1.18311492	1.39659933	2.65809229
2.93776989	3.15989997	3.1874279	3.23639089	2.95490093	3.20134759	3.09644009
3.11716402	3.13942071	3.39282491	3.49625148	4.10546009	3.96238504	3.8577111

2.80466048	3.36161746	3.405458	3.47764638	1.75224927	2.81844675	3.40176126
2.65862954	2.76567884	3.21064311	3.442945	2.63667697	2.70216953	3.02693192
2.48019145	2.29610993	2.23105387	2.38646045	2.67126652	2.34776998	2.62898007
0.61557285	0.2237217	0.30991231	0.50337076	1.00E-04	0.10651827	1.00E-04
1.14545959	0.08149241	1.12668308	1.16256519	3.02082765	2.81012605	2.18033542
2.55049115	2.46766876	2.65087833	2.80609228	2.17206291	2.6424436	2.90427259
0.38034913	0.13619559	0.38068265	0.16887077	1.00E-04	0.36686909	1.00E-04
1.00E-04	0.18281164	0.18124143	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.81966602	4.98049803	4.64325852	4.50321601	6.56331832	6.58475411	6.24888214
1.00E-04	0.87298936	0.17668075	0.04382043	1.00E-04	0.61996741	0.3216658
0.34662427	0.79049772	0.39441988	0.47029913	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18364686	0.06369216	1.00E-04	1.00E-04	1.00E-04
0.14265331	1.00E-04	0.3659813	0.16802498	0.38091442	1.83369933	0.53162575
0.39149292	0.34221016	0.04998409	0.15663351	0.6891078	0.75270349	1.00E-04
0.30973207	0.47614159	0.25661715	0.28325463	0.86877253	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11975412	0.05500518	0.24496797	0.59545233	1.00E-04
4.95078385	5.28834978	4.98136249	4.88902884	4.63238682	5.30637906	4.86778455
2.42498916	3.20137392	2.38878203	2.81435718	1.83122807	2.28611473	1.61091812
4.36153338	4.63856192	3.7968415	4.20148163	5.73082263	5.71492492	5.47763436
2.00271242	1.9898503	1.69133958	1.56189441	1.46470732	1.71129909	1.6557164
6.88677331	5.89201264	5.90168998	5.62949893	7.29212207	5.6584184	5.80156954
1.00E-04	1.00E-04	0.08208074	1.00E-04	1.00E-04	1.00E-04	0.11491268
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91202424	2.45337552	2.12047896	2.24781756	1.9237316	3.29373998	3.22703585
2.1806894	2.8728767	2.52364952	2.69487346	1.96498624	2.89415578	2.79058009
3.38931417	3.82019555	3.45571486	3.5957753	3.69698517	3.72814332	3.52796546
1.04529194	1.74083756	1.86792309	1.73149369	1.00E-04	1.29670919	1.45172707
3.6467703	3.8124803	4.01648749	3.85360508	3.35911964	3.65636325	3.87818009
1.96436909	2.65033682	2.38916614	2.52885137	1.97242905	1.91729284	1.86969649
2.00688393	1.21945165	0.84347311	0.89147426	4.03385282	2.47791707	2.91468707
2.39622706	2.40328064	2.57266478	2.75063269	2.76860464	2.00734028	2.98636865
4.84345118	4.91491975	4.79009263	4.81372753	4.8862052	4.8762304	4.64600138
1.00E-04	0.63864021	0.04944201	0.2095393	1.00E-04	1.00E-04	1.00E-04
0.41771093	1.42198032	2.33811487	2.56125535	1.40716361	0.95247218	1.76231644
2.82862431	3.24419825	3.92314707	4.07500161	2.21519053	2.38963245	3.65037235
2.54103135	2.92300294	3.57391539	3.75583815	1.33910196	1.81275599	2.75446829
1.00E-04	1.00E-04	0.13269272	0.22765144	0.61280452	1.00E-04	1.61766224
2.05396144	2.73219527	2.94245446	2.95593766	1.6835114	2.22239898	2.25193686
2.49885022	2.79503226	2.46604353	2.58155288	2.24147502	2.53280328	2.32018383
3.73834659	3.73620642	3.41080129	3.30260619	5.27654693	5.35208091	4.72038496
2.32347745	2.84388375	3.11273065	3.21725558	1.32800372	2.32658055	2.37862634
1.8459145	1.85564467	2.22009288	2.10517333	1.89380251	2.24100116	3.13959227

2.42812125	2.98265605	2.84375893	3.06577037	2.54370037	2.66351416	3.06203358
1.51504278	2.08783375	1.94886971	2.06506473	2.31605519	2.60835878	2.00796925
2.83711307	3.09611099	2.92216382	3.23883368	3.49282215	3.55542367	3.70643534
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16257726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.50409032	0.42266712	0.9117487	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.196274	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52299904	1.37949762	1.35547088	1.49202478	1.7291028	2.14941349	1.60940465
2.65891467	2.8473114	2.43254922	2.73561527	2.88333284	3.07629978	3.06043371
5.92970402	6.13235872	5.7737716	5.74347479	5.81626219	5.90829933	5.62947894
5.19344627	5.40974789	5.03140951	4.86943454	5.24661969	5.77103058	5.35718591
3.52233613	3.41267363	3.34662502	3.33520086	3.98233073	3.75754309	3.10089992
2.74865584	2.94305831	3.085345	3.18208753	2.95607868	3.09056399	3.26120002
2.85998206	2.92202749	2.65139593	2.74224887	2.70812564	3.57661822	2.89018674
1.30999944	1.90976123	1.31529013	1.46843281	2.34695656	2.21846343	2.03712114
3.43064696	3.54545345	3.35464837	3.34695104	3.58601157	3.67732259	3.73125483
4.33321104	4.43645925	4.1468779	4.17546591	4.21675434	4.35937606	4.20169209
4.57246325	4.61149982	4.63656326	4.72124463	4.90201053	4.90645095	4.52924538
3.60309417	3.43941296	3.22877842	3.2640209	3.54552255	3.37653836	3.38689904
0.90526645	0.85014927	0.81769941	1.1416897	1.00E-04	1.15064623	0.57462002
5.43754905	5.53006317	5.07714035	5.02963465	5.46853868	5.58841761	4.95957327
4.61594439	4.90305245	4.73086141	4.78784759	4.49322988	4.70833427	4.53798978
3.45145872	3.20257979	3.37589421	3.29117739	3.0562993	3.19872816	2.98413556
4.49043415	4.65084362	4.60233419	4.59074308	4.14134117	4.46444718	4.26464684
1.00E-04	1.00E-04	0.18790812	0.28926431	1.00E-04	1.00E-04	0.15149617
3.73259912	3.91197093	3.62315971	3.53155524	3.79062904	3.82994724	3.18730863
2.09888376	2.50719832	2.56937335	2.61831006	1.81846807	2.71622561	2.5229487
3.4005946	4.03748666	5.00949536	4.8693005	3.42592962	3.97954823	5.43003169
3.14100298	3.15715262	3.45171218	3.53005055	3.6887844	3.6816539	3.55422403
1.00E-04	1.00E-04	1.00E-04	0.04510018	0.61280452	1.00E-04	1.00E-04
1.00E-04	0.5928379	0.12911082	0.20154819	1.00E-04	0.38831064	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42268556	1.00E-04	0.46365779	0.22091555	1.00E-04	1.00E-04	1.00E-04
2.26884808	2.26680905	1.87352408	1.96853789	1.61354864	2.42574281	2.60581308
2.5300872	3.37285407	3.3360203	3.47599013	2.12618194	2.8364971	3.10658248
3.41190031	3.80982574	4.55442853	4.62371144	3.28295909	3.51134006	4.76205689
2.76141653	3.18517971	3.72207645	3.72854313	2.45482915	2.78432304	3.25850049
3.21359554	3.32750386	3.15926713	3.31548365	3.62391935	3.26528152	3.22886713
3.27312867	3.67648298	3.55945586	3.71805823	2.84995811	3.17970386	3.04930098
2.80250587	2.59588451	2.54226013	2.52146741	2.11111617	2.73490761	2.45427492
1.86660503	2.20331807	1.95529343	1.90619705	2.24389815	1.55071651	1.63594552

0.76320706	0.64826574	0.41988903	0.30422943	1.2234346	1.1735088	0.85903076
0.74250727	0.76686565	0.35079124	0.34945271	0.74365793	0.64139002	1.00E-04
5.34871858	5.30686614	5.09246439	4.97844078	5.06164186	5.34317289	5.02140485
4.2454955	4.52130586	4.04599208	3.99159212	4.39561776	4.60870157	3.96569232
2.63564463	3.00364804	3.10029409	3.15886067	2.31719295	2.78097205	3.13843144
3.81353342	3.98540536	3.78646976	3.71077487	3.73694737	4.1070623	3.69904817
3.7581163	4.04698818	4.34638663	4.33355803	3.23106141	3.95705115	4.56250534
0.39149292	0.17869013	0.20669192	0.04280709	0.43090184	1.00E-04	1.00E-04
0.53094864	1.22209664	0.98688317	1.22661653	1.00E-04	0.39173741	0.99262123
2.40212247	2.33780654	2.5876284	2.49386112	0.54293045	0.88745583	0.90901135
3.62407239	4.44862408	5.08673137	4.93366701	3.38017541	4.25202688	5.00581211
1.00E-04	1.00E-04	0.11915992	0.10087343	0.54065888	1.00E-04	1.00E-04
4.71476895	4.83897675	4.42563842	4.33091887	5.15952929	5.22706426	4.83715958
4.29141429	4.50355927	4.28926375	4.24185874	4.25018855	4.17808717	4.23326442
4.20325157	4.22667023	4.08441489	4.23938688	3.88540325	4.28197089	4.13531117
5.72299051	5.63272974	5.38135366	4.99204548	2.36405009	2.6909084	2.20319903
1.00E-04	0.38595832	0.07654321	0.08283737	1.00E-04	1.00E-04	0.28816756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.43459652	2.80002128	1.90594006	1.98362707	2.83186795	3.13225329	2.40607802
2.97138529	2.89722554	3.0030111	3.22478175	2.81976682	2.82352079	3.30026108
0.97348386	0.89458541	0.74676298	0.77864448	4.63261758	4.54740942	4.52423947
2.54144122	2.84916289	3.52847542	3.70915815	1.58484062	2.70826852	3.10689361
4.50445174	4.68893183	4.39558347	4.33403516	4.58846344	4.77571717	4.47546151
5.65458551	5.83023436	5.26632562	5.3265875	6.09449959	6.2531355	5.46067778
1.00E-04	1.00E-04	0.31284303	0.21786207	1.00E-04	1.90764955	1.00E-04
1.95365635	2.76787671	2.4338456	2.43445716	1.73159071	2.20820929	2.42104526
4.24390448	4.53782678	5.42343951	5.54835652	3.81840611	3.99870748	5.17160048
3.33470326	3.67013171	3.85720075	3.95050645	3.76047157	3.76920197	3.85336948
5.73360269	6.00984162	6.36003835	6.33235961	5.27140955	5.67428999	6.16588079
4.13409332	4.06784025	4.38307775	4.03023552	4.74595136	4.91113619	5.52312562
2.90361867	2.88910867	3.22649992	2.96868446	2.81433686	2.72562585	2.69564537
1.00E-04	1.00E-04	0.14037055	0.31421185	1.00E-04	1.00E-04	0.11565659
1.30171146	1.46732648	1.48361112	1.37105918	4.13931138	4.18732693	4.01676768
2.55990115	2.67495988	2.29736671	2.92197506	2.77294529	3.70285356	3.45400202
1.00E-04	0.30789576	0.10072173	0.22335616	1.00E-04	1.00E-04	1.00E-04
3.75717272	3.7735456	3.74294186	3.88934978	3.46334049	4.05962786	3.38328345
2.77406212	2.79332584	2.98525586	3.19032472	3.22619439	3.37894985	3.36457456
4.06395619	4.13971263	3.99629667	4.14297304	3.78649007	4.33507168	3.54953971
3.72781185	3.45370213	3.39864451	3.39023475	3.27396748	3.17374363	2.57183398
1.42812721	0.59476789	1.00872093	1.17148668	1.00E-04	1.4193794	2.03454234
1.00E-04	1.00E-04	1.00E-04	0.11126877	1.00E-04	1.00E-04	0.12174474
4.53445123	4.84876827	4.32367723	4.1997259	4.57627239	4.7829791	4.43621678
0.45938124	1.202831	1.16162277	1.00456197	1.43052338	1.22671888	0.84421618

1.23905567	1.17642731	1.01127612	1.22591953	1.7938068	1.52191409	1.86323563
3.7981678	4.09903644	4.45574218	4.47975345	3.12068827	3.41985329	3.93557739
2.39801506	2.7016009	2.39130234	2.70902317	2.68096846	2.76182626	2.76683686
3.62526427	4.08585821	4.44440521	4.55263044	3.14314232	3.76117709	4.06026746
2.91372397	3.50184377	4.13837983	4.26660357	2.78929636	3.36228915	3.89587503
0.17061638	0.28739561	0.08450567	0.18848142	0.68552334	0.14310979	0.11699513
2.08735572	2.61166574	2.29839539	2.14834511	1.35913526	1.4429755	1.88257045
4.3613085	4.84204933	5.20520493	5.18057746	4.61187221	4.69347662	5.08188087
3.94601867	4.07391704	3.97543629	3.87390104	3.89664043	4.19522657	4.64289589
1.00E-04	1.00E-04	0.29958456	0.34698745	1.29886126	0.25930142	1.00E-04
3.56217928	3.69730838	2.87639303	3.23695684	3.76346719	3.16381785	3.48273882
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11491268
0.48756922	1.00E-04	0.29324339	0.22840959	1.00E-04	0.23817629	1.00E-04
0.80135739	0.64927264	0.56647568	0.56122118	0.78440785	1.00E-04	1.00E-04
3.61569203	3.71666436	4.49826911	4.42995617	2.3757145	3.31772941	4.19715595
2.21664703	2.57618182	2.99266243	3.06339466	1.69673034	2.4913263	2.81978598
1.00E-04	0.29351634	0.04839238	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.23938528	1.50418322	1.31561995	1.00E-04	0.35874068	1.22123191
1.00E-04	0.42702259	0.48580502	0.52509881	1.00E-04	0.2210583	0.28816756
1.00E-04	1.31477838	1.52492912	1.22760009	0.40975599	0.28215124	1.74013407
0.61018648	0.64457009	0.95838014	1.15513199	1.00E-04	0.56458397	0.15942843
0.63719611	1.00E-04	0.0845703	0.29462891	0.65823999	0.29138547	0.11699513
0.34583049	1.00E-04	0.10494066	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.71767441	2.93633001	3.18376224	3.33586827	2.27053176	3.09401683	3.29398082
1.00E-04	1.00E-04	0.08012404	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11298233	2.25560014	2.7574428	2.9157717	0.67391014	2.10829013	2.69567988
2.72933932	3.15289907	3.24242153	3.25349286	2.43448515	2.27599177	2.58734916
2.83546406	2.82764249	2.78862312	2.73756863	3.04396795	3.26104581	2.62509928
2.31765506	1.82544521	1.41632859	1.933648	2.71748252	3.07550363	1.43182515
1.00E-04	0.37883239	0.07939068	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.547805	2.32446105	2.23714375	2.26040284	1.23791361	0.53758672	1.74130711
3.36197789	3.6261915	4.25752606	4.24890995	3.57969532	3.48935712	4.27549313
3.13256301	3.51453645	3.60757061	3.6955093	2.87894284	3.36333334	3.35373527
1.00E-04	0.64369416	0.32814019	0.02495616	1.00E-04	0.39525227	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40233287	0.3837587	1.00E-04	0.42383696	0.85345469
4.05762051	4.62628525	5.56906777	5.63585829	3.84147957	3.85202537	5.35933121
0.50403713	1.00E-04	0.16392578	0.17928473	1.20892408	0.22057069	0.4189923
1.00E-04	0.51923844	1.00E-04	1.00E-04	1.00E-04	0.13071865	1.00E-04
3.3308674	3.48453149	3.43300627	3.53300934	3.47554539	3.30813307	3.19944493
2.21154763	1.98844392	1.56940867	1.76674797	1.80231846	1.86810038	2.28352512
0.45116524	1.05018356	0.6762101	0.809214	0.67865304	0.28241755	1.03376635
1.85475979	2.43674223	2.68346276	2.88497632	2.25023851	1.8881345	2.97932766

1.00E-04	0.49794218	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.0762465	2.80067643	3.43362743	3.36364086	4.61653187	4.01201484	4.988761
1.00E-04	1.00E-04	1.00E-04	0.04965941	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.00370025	2.38519002	2.25559227	2.17836669	2.45050721	2.08192188	2.08375018
1.00E-04	0.27650015	1.00E-04	1.00E-04	1.00E-04	0.50157744	1.00E-04
3.61742483	3.61177798	3.43240447	3.5313956	3.65251024	3.52902791	3.23485124
1.00E-04	1.00E-04	0.03311282	0.08680059	1.00E-04	1.00E-04	1.00E-04
1.37322331	1.57032232	1.86146469	1.77032404	0.65823999	1.15679967	1.92558726
1.13095625	1.68884279	1.6289346	2.0694709	0.65823999	0.92260055	1.32923395
1.00E-04	1.00E-04	1.00E-04	0.04754751	1.00E-04	1.00E-04	1.00E-04
1.08949717	1.46654415	1.28854478	1.64047999	0.84840873	1.00E-04	1.57171748
2.80748201	2.73112488	2.48573469	2.41132789	2.56062853	2.64266228	2.3006066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.18286126	3.24298608	3.35708652	3.37529926	2.73420041	2.76682667	3.06828006
1.00E-04	0.28319007	0.24716488	0.39449513	1.00E-04	0.12583522	1.00E-04
1.62045632	2.10712955	1.87187621	2.0115804	1.78546669	0.88959058	1.76177761
1.00E-04	1.00E-04	1.00E-04	0.06444117	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27150464	0.33215096	0.51127626	1.00E-04	1.00E-04	1.00E-04
0.2530067	0.20529217	0.17036485	0.12076354	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53607867	0.09561463	0.21072955	1.00E-04	0.57262486	1.00E-04
1.20654716	1.01318513	0.87339355	1.18571808	1.16729348	0.91804388	1.00E-04
0.23251313	0.47299202	0.67640729	0.66122681	1.00E-04	0.71410037	1.00796513
0.80282313	1.17724224	1.54452939	2.03216273	1.68575914	1.64629782	1.84372426
1.00E-04	0.25624121	0.05371752	0.30491867	1.00E-04	1.00E-04	1.00E-04
0.64599677	1.42110125	1.47555433	1.55633365	2.86511837	1.99062774	2.7585812
0.61011408	0.37641628	0.29622635	0.52295729	1.35392474	0.82546324	1.47899909
0.74585706	0.59628499	1.01210505	1.07415293	1.00E-04	0.62689732	1.09288642
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13071865	1.00E-04
4.18015026	4.36039052	4.09816868	4.08458154	3.87398131	4.51506731	4.07650601
0.87108037	1.05064258	0.93059877	1.08015583	0.69158286	0.89150532	1.60088045
1.00E-04	1.00E-04	1.00E-04	0.04596041	1.00E-04	0.98348521	1.00E-04
1.41237144	1.90313649	1.92899883	2.06150315	2.67126774	2.49350281	2.563331
3.9013035	4.4110122	4.77384627	4.82527086	3.73181125	3.93586989	4.44359455
2.95064382	3.38591862	3.41851889	3.39387541	2.83428241	3.56773524	3.38196342
1.9760505	1.99077572	3.06599464	3.1163171	1.00E-04	1.31393226	2.80307317
1.1101967	0.42819442	1.11223245	1.38090792	0.79487682	0.60220727	1.72693118
1.00E-04	0.22253746	0.58096047	0.43681242	1.00E-04	1.00E-04	0.6896386
2.70564624	3.03417105	2.85274845	2.85532214	3.49062393	3.66976159	3.08038686
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.25714876	2.01477025	1.87330312	1.00E-04	1.62323673	1.70799117
0.62897847	0.45214453	0.40154781	0.21415484	1.00E-04	1.00E-04	0.78680519
0.76022829	0.60933774	0.66840474	0.45021747	0.94236567	1.46067825	0.31585644

1.13674362	1.25317356	1.4519734	1.47045591	0.49833685	0.68973225	1.53315813
0.70603897	1.00E-04	0.03483664	0.1605515	1.00E-04	1.00E-04	1.00E-04
0.64556749	0.84281406	0.97782625	0.95798993	1.00E-04	0.55194196	0.98274788
1.00E-04	0.2249514	0.60217036	0.2723951	1.00E-04	1.00E-04	1.00E-04
0.3351028	1.26607424	2.03246384	1.57961526	1.00E-04	2.22147815	2.2018483
0.42971512	0.34932284	0.42853867	0.17196036	1.00E-04	1.00E-04	0.87991057
0.50282682	0.4493086	0.14621846	0.09648336	1.00E-04	0.27093829	1.00E-04
0.23522054	0.92685064	1.01668462	0.9074254	1.00E-04	1.31608737	1.93045165
0.2206171	0.11407072	0.09810466	1.00E-04	1.14379378	1.09819068	1.00E-04
0.51635655	0.95284042	0.26429581	0.51584037	0.49348739	1.40886596	1.43818427
1.30839647	1.39842531	0.53523493	1.06399524	0.77042044	0.74496076	1.00E-04
3.01007131	3.35159305	4.59839388	4.65690564	2.54847266	2.71311661	4.54493843
1.00E-04	1.00E-04	1.00E-04	0.27708997	0.52474525	0.62689732	0.14635168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60468135	2.40956273	2.08935424	2.06365419	1.19554939	2.00359037	0.44379634
0.87844229	1.82664232	2.01472398	2.17762916	1.2204428	1.48787985	1.7876123
0.24538996	0.53636539	0.66323976	0.86060507	1.00E-04	1.00E-04	0.16909838
0.58264286	0.53801272	0.49139949	0.31999954	0.45889659	0.58328955	0.11491268
1.00E-04	1.00E-04	0.04454563	0.09619393	1.00E-04	1.00E-04	1.00E-04
1.38369527	1.80072591	1.7956945	1.83784434	0.77384	1.04118633	1.39316732
4.15281038	4.26985375	4.34534402	4.37450449	3.69586887	3.56839692	4.08960351
3.81861615	3.60659536	3.424862	3.532305	3.77974119	3.96079721	3.91790849
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79899242	0.14180904	0.24378694	0.50359006	0.50894684	0.30082489	0.64705152
0.67827134	0.19122029	0.55213922	0.30777632	0.77296169	0.64238088	0.74838521
1.00E-04	1.00E-04	0.14739562	0.11053334	0.68552334	0.55308547	0.35459209
2.39874214	2.96143006	3.58922033	3.64880747	2.2512473	2.5026481	3.24938498
1.00E-04	1.00E-04	1.00E-04	0.11482346	1.00E-04	1.00E-04	0.1989351
0.59495391	1.0055941	0.79071644	0.58065288	0.61280452	0.56464414	0.1362077
1.21534354	1.22495611	1.80509241	2.12160449	0.40674922	0.90754669	1.74599794
2.70527342	2.85537833	3.1585269	3.42769769	3.26008508	2.86692884	3.59886144
1.00E-04	1.00E-04	1.00E-04	0.14188127	1.00E-04	0.27093829	1.00E-04
2.77768426	2.90240491	3.21686425	3.27212807	3.35276873	3.45905337	3.8045635
1.45446321	1.73405842	1.58540365	1.31552526	0.41241033	0.90721605	1.49865019
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06279816	0.22977841	1.00E-04	0.7759961	0.15149617
2.93101877	2.97021212	3.06768365	3.16961589	2.63167853	2.74997838	3.09654825
0.11825932	0.86842441	0.68973807	0.4191952	1.81267401	1.00E-04	0.19293133
1.00E-04	1.00E-04	0.08328472	0.13921355	1.00E-04	1.00E-04	1.00E-04
0.41822453	1.33462325	0.59606973	0.36110528	1.95670574	2.18720555	1.41521919
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3299012	1.92453533	0.64939815	0.71253258	1.99902715	2.0877507	1.15019983
2.21579274	2.8818456	3.25325547	3.22810617	2.10872355	2.51385119	2.85567066

4.28942861	4.64714059	4.17087043	4.09983679	4.88251458	4.93550771	4.43734953
3.10443815	3.68868326	4.20528965	4.31520867	2.70247466	2.84799558	4.032651
2.53903234	2.14890475	1.9417941	2.04894639	1.52841048	1.92750533	0.99424168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72632892	3.1702882	3.06203559	3.19096128	2.91884593	2.98218151	2.50206584
2.57387732	3.52053479	4.13046378	4.20158854	2.70367697	3.14069783	4.214143
2.90038354	3.37148185	3.61737064	3.62335248	2.23465195	2.98970417	3.03018253
1.00E-04	1.11748998	1.25897132	1.01168299	1.00E-04	1.00E-04	0.83771986
0.78332228	0.93305372	0.90664773	0.93530739	1.61329874	1.85120729	2.04386333
0.34583049	0.75659335	0.76167083	0.94681244	1.33786456	1.08958403	0.99667709
2.51023212	2.28712298	2.49452376	2.59325244	1.38059584	2.08749371	1.76585579
3.72044149	4.13098159	5.11899489	5.14879042	2.97391802	3.33735781	4.86495961
0.70373927	1.38714159	0.86012309	0.83419559	1.00E-04	1.22275497	1.37389562
1.10754754	0.79254467	0.79498093	0.77011843	1.12836639	1.18832202	1.39346944
2.98651019	3.64166844	3.37607488	3.42967118	3.01573512	2.97705718	2.79341412
0.17300709	0.14331604	0.09996527	0.18977462	1.00E-04	1.00E-04	1.00E-04
1.93126601	1.67467964	1.58973551	1.50305701	1.8021405	1.88745239	1.34579024
0.477294	0.2130925	0.1028172	0.07971767	0.90328858	1.34106689	1.50737199
1.00E-04	0.24871594	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66238423
3.04423736	3.3075567	3.59495413	3.61055429	2.60134813	3.40550829	3.55897068
4.50840727	4.85172924	4.57273031	4.38449611	4.86836129	5.18228127	5.06882964
2.22680603	2.15309788	2.7212468	2.85043713	0.74910948	1.60650966	2.41616944
1.00E-04	1.00E-04	0.17637563	0.11661524	0.50488113	0.49250281	0.4018904
1.218951	1.72134653	1.15006889	1.39634315	1.8987269	1.39669058	1.35454257
0.14265331	1.81116616	0.63313819	0.62878598	1.00E-04	1.0419568	1.00E-04
2.22822205	1.84684831	2.18067819	2.29262236	2.2395939	2.42324794	1.68889961
2.8290374	2.7019208	2.32624463	2.4342831	3.18681209	2.65553351	3.20463334
1.00E-04	1.00E-04	0.13097473	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19046343	0.29707058	0.12951214	0.18179901	1.00E-04	1.00E-04	1.98217155
2.39819036	2.80478525	3.63240827	3.67075799	2.43857094	2.12489263	3.5665002
0.65535278	0.90298493	1.05219034	1.17887115	2.19422867	1.91878056	3.16448164
3.01880856	3.34787915	3.42762126	3.66163622	3.02145402	3.28144474	3.74728552
0.24887198	0.35296771	0.38794961	0.28323935	1.00E-04	0.64552857	1.00E-04
1.00E-04	0.06680567	0.41571657	0.68414601	1.00E-04	0.91643629	0.3392339
0.84334491	0.58848888	0.63148337	0.5934889	1.00E-04	0.39261666	0.14635168
3.387467	3.59481865	3.23288051	3.3252315	1.93572814	2.61204132	2.36135855
0.96050343	2.41998415	2.92449071	2.46127488	0.24496797	2.33361111	3.56172629
1.00E-04	0.46556444	0.60686287	0.74338964	0.88347467	1.00E-04	0.62762536
2.03317612	2.53318246	2.8484145	2.90773972	0.8414216	1.91271237	2.20330675
1.00E-04	1.00E-04	0.06096193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60777549	1.00917256	0.72160559	0.80541396	0.4683059	0.93148798	1.15603332
0.31246706	0.58423414	0.98237346	0.72650063	0.54828133	0.27580628	1.05581379

1.00E-04	1.00E-04	0.07076251	0.04486851	0.24496797	0.50127384	0.31341996
0.93535648	1.34055297	0.7532387	0.97725582	0.66072949	1.39246151	0.65659291
1.68992167	1.42601882	0.98901725	1.31025508	1.81288101	1.9477417	0.70751628
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04478618	1.36183682	1.96382939	2.20379962	1.16380023	1.51039564	1.97509431
1.00E-04	1.00E-04	0.05442403	0.11891213	1.00E-04	0.27710863	1.00E-04
1.00E-04	1.00E-04	0.02911668	0.06954045	1.00E-04	1.00E-04	1.00E-04
3.2214744	3.53997841	3.63349075	3.79174135	2.54818405	3.1126507	3.32644881
2.62829197	3.47716091	3.49020667	3.61808744	3.11826908	3.31601821	3.8371491
2.07289283	2.28092861	2.78780605	2.91004621	1.33121145	2.04401181	2.69809128
2.52648364	3.09926893	3.31013733	3.21558165	2.62237381	2.93442823	3.30898384
0.45876003	0.17883191	0.80486322	0.70126557	1.00E-04	1.46345855	1.22743995
0.28742455	0.54021547	0.40503578	0.53266369	0.69094647	0.61139607	1.06498802
1.3072912	2.20579509	2.27876366	2.67931319	1.64717617	1.62278227	2.76445606
0.80674467	0.49386418	1.00E-04	0.05762493	1.00E-04	0.39083646	0.4189923
1.62530772	2.77456625	2.46443208	2.91653295	2.02961208	2.38906957	2.81042289
0.30758191	1.2031215	0.9592685	0.60676133	1.00E-04	0.48188652	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94571594	2.30337651	2.62972122	2.38922137	1.10847944	2.39465363	3.27437451
1.67687927	2.83904213	3.37865889	3.06585133	2.66783554	3.19524887	4.09293715
3.16788191	3.41582087	4.18940551	4.16270227	3.17515272	3.13157999	4.40079856
1.41414049	2.45376216	2.57670667	2.37809208	1.00E-04	2.73043098	3.09588637
1.00E-04	1.00E-04	0.09649484	0.06545236	1.00E-04	1.00E-04	1.00E-04
1.01133756	0.75599403	0.3359797	0.62913216	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30082489	1.00E-04
2.06693565	2.11534755	1.90271988	1.73670309	1.00E-04	0.27371291	1.00E-04
0.14248997	0.13619559	0.21644735	0.24295508	1.76781242	1.00E-04	0.34032951
0.61371941	0.28447082	0.35447923	0.50387655	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35790886	0.59318148	0.83462963	0.74477291	1.00E-04	0.19340846	0.78901818
0.14465503	1.11971336	0.25585181	0.50774317	1.00E-04	1.00E-04	0.65635398
1.00E-04	0.11888122	0.20025815	0.48142879	1.00E-04	0.36782053	0.11565659
1.00E-04	1.31821809	0.1951943	0.11187051	1.00E-04	0.61996741	1.00E-04
1.00E-04	0.27077457	0.12790437	0.07407517	1.00E-04	1.00E-04	1.83571037
1.86808023	2.22173239	2.12078451	2.02502404	1.11829589	2.41687666	2.82726855
1.23452096	1.2953993	1.38499319	1.4352379	1.26853451	2.06160792	1.82722368
1.0975441	1.00E-04	0.08632469	0.09605209	0.40912496	1.00E-04	1.00E-04
2.73831422	3.12178504	3.86108507	3.97046159	1.47326388	2.12248964	2.28648138
2.31039504	2.72069442	2.44417283	2.65094494	3.11773864	3.28127348	3.47622187
2.14149831	2.66235648	2.32690689	2.24692655	2.72512361	2.14544594	2.07469399
0.7475852	1.92376619	1.66771473	1.57588994	0.78531768	1.20811201	1.28096354
4.75981039	4.92669282	4.57791861	4.6324666	4.92836831	4.91915918	4.40581611
0.47593569	0.58626933	0.48354939	0.53205291	4.26465797	4.41361388	4.02896802

1.00E-04	1.00E-04	0.17089855	0.17021828	1.00E-04	1.00E-04	1.00E-04
0.27968057	0.22020634	0.41536469	0.74597045	0.38091442	0.48093734	1.00E-04
3.32750822	3.55665773	3.4820396	3.34648867	3.79865377	3.54561579	3.43810775
1.00E-04	0.35254455	0.22201761	0.2256722	1.07547903	0.29937888	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3843398
2.19487218	2.72492436	3.30727801	3.37263937	1.47664931	2.64098087	3.19454591
0.69953359	0.73752624	0.83544616	0.99143598	1.80910659	1.21400096	1.42146102
1.4028861	1.3876689	1.26952956	1.11097735	1.83607254	2.3097215	1.65858844
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6233604	1.49127614	1.38408876	1.87710201	2.47183503	2.44010235	2.07572926
2.00417186	2.63215822	2.44295048	2.59386853	2.34981305	2.14049289	2.08940173
3.96404213	4.42291697	3.94521847	3.86955233	4.02386246	4.52554139	4.11164788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.90902165	1.06031735	0.96845736	1.00E-04	0.35973677	0.44862598
1.00E-04	1.00E-04	1.00E-04	0.07084505	1.00E-04	1.00E-04	1.00E-04
4.03035444	4.26589009	3.8226366	3.7572223	4.82867547	4.58074501	4.0288109
1.00E-04	1.00E-04	0.16926565	0.20493749	1.00E-04	1.00E-04	0.63599379
1.00E-04	0.54121773	0.557219	0.83056678	1.00E-04	0.39723272	0.79327325
1.01704133	0.92820535	0.71108639	1.00834874	1.00E-04	0.31292031	1.00E-04
1.18342801	1.59115334	1.28387577	1.21227383	2.04817735	1.98984118	1.52173471
1.30171695	1.59199944	1.73706598	1.68214773	1.93459868	1.44334423	0.45760229
0.51454648	0.59071644	0.34047299	0.19061016	1.00E-04	0.36782053	1.00E-04
1.00E-04	0.43847261	0.07948455	0.13033595	1.00E-04	1.52197995	1.19952772
2.64578641	2.76971757	2.89860075	3.06414316	3.18006447	2.93417997	3.38683859
0.34812995	1.00E-04	0.05873852	0.46290638	1.00E-04	0.53799721	1.00E-04
1.00E-04	0.9706201	0.41283203	0.32540678	0.89236231	0.2210583	0.26662489
2.56865364	2.73358626	2.6694187	2.6324467	1.52221751	2.71527848	2.44498802
0.56062081	0.3571917	0.43990948	0.6423874	1.00E-04	0.61852168	0.50398398
1.00E-04	0.48105546	0.22539055	0.19750773	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18458178	0.20824051	0.41357327	1.00E-04	1.00E-04	0.64762353
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20795065	1.00E-04	0.20631836	0.26136461	1.00E-04	0.65864102	1.00E-04
1.38734809	0.47849878	1.08056974	1.05355394	1.00E-04	0.56674561	0.5225562
0.85286938	2.27180538	2.57104893	2.17226347	0.91759502	2.67269958	3.09664963
1.00E-04	1.22571984	0.69923069	0.7930128	1.00E-04	0.80347156	0.66970488
1.00E-04	1.00E-04	0.15978384	0.14946735	1.00E-04	0.34850681	1.00E-04
3.63008624	4.09357666	3.7468317	3.70637778	2.80834591	3.79962637	3.4621082
0.44455198	1.03908209	1.26409709	1.58228196	0.90518756	0.76109451	1.21556551
2.49124227	2.80078583	2.62460336	2.7832154	1.05113271	2.64631909	2.41026791
1.00E-04	0.24006886	1.00E-04	0.26999069	0.48060496	0.4542793	1.00E-04
1.00E-04	1.00E-04	0.07563893	0.18952157	1.00E-04	1.00E-04	1.00E-04
4.17029651	4.23499473	4.63237991	4.79173479	3.83605187	4.06131037	4.40399143
0.2425114	0.6352042	0.50740719	0.4716526	1.00E-04	1.00E-04	1.00E-04

1.90313288	2.14171617	2.17143762	2.08401473	2.15998432	1.68900504	1.589175
1.00E-04	1.00E-04	1.00E-04	0.07043435	1.00E-04	1.00E-04	0.79130715
0.43285416	1.77629034	1.4452887	1.1682362	0.69043823	1.96735363	1.46629441
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63609922	1.00E-04	0.30880053
1.00E-04	0.64630408	0.70447333	0.54179966	1.00E-04	0.65173525	1.39112852
2.03002196	2.36257497	2.64999596	2.81937738	2.22501087	2.10045786	2.91390991
0.44817891	1.41597932	0.73126942	0.887562	1.15093088	1.51993915	0.45773938
1.87842499	2.18084088	2.46895829	2.50818204	0.68552334	2.2742027	1.82106047
1.00E-04	0.20425389	0.09579728	0.46023677	1.00E-04	0.29050809	0.31397067
1.00E-04	1.00E-04	0.09349836	0.03913887	1.00E-04	1.00E-04	1.00E-04
0.32314426	0.68969046	0.77630846	0.58630298	0.51102197	1.49883171	0.45275821
1.09715822	1.14782418	1.33858268	1.18254459	1.00E-04	0.83798133	1.75883711
2.36046401	2.44444206	2.97817273	3.06561278	2.00342479	1.71554737	2.28089147
1.00E-04	0.45758114	0.1116019	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10535736	0.90254806	1.99983681	2.18104465	1.46062268	0.85721312	2.03472156
2.25090383	2.83420382	3.05208223	3.13824898	2.34295234	2.40323196	2.14413403
1.28089836	1.29318551	1.7498257	1.67638681	2.20287675	1.91878431	2.05464056
1.00E-04	1.00E-04	0.03767631	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.62962763	4.9549246	4.66501938	4.77349156	4.46024814	4.94776848	4.99045808
3.31889289	3.3464102	3.41535475	3.51419701	2.67889955	3.3871202	3.1757544
0.92358126	0.97044432	0.92142143	1.11806412	2.33931602	0.74769446	1.22812592
1.00E-04	0.62791144	0.12839539	0.60142859	1.20546465	0.92365896	0.43403228
2.34758202	2.95899465	2.96612379	2.67680208	2.30186952	2.77684101	4.02116657
1.00E-04	1.00E-04	0.2141106	0.05004172	1.00E-04	0.81817468	0.3690773
1.00E-04	0.18458178	0.42963559	0.77147987	1.00E-04	0.13071865	0.66420543
0.38074225	0.99670542	0.42834901	0.45072506	1.00E-04	0.81922394	0.67026632
2.74717411	3.12685172	3.64610825	3.78431545	2.57243409	2.83137006	3.44966635
3.55834457	3.97267922	5.23647557	5.22849573	3.13446793	3.66935834	5.23389957
3.23951131	3.18675333	3.17532443	3.10769091	3.39436043	3.97412556	3.37536266
1.00E-04	1.00E-04	0.03898118	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22701464	0.36208103	0.82807216	0.77343612	1.00E-04	0.8253165	0.98655043
1.69710079	1.89892448	2.32134934	2.62532627	1.69518782	1.30578702	1.40565019
0.39938962	0.6194313	1.03597879	1.07388613	1.39387802	0.5615002	0.92070338
1.40827899	1.84793196	2.75260595	2.87679009	1.02899867	1.51613817	2.10597921
2.19480295	2.5652055	2.20847575	2.06867204	1.00E-04	0.65387673	1.00E-04
1.5582763	2.03133848	1.4335968	1.84543775	2.04810656	2.41388971	2.00957562
1.00E-04	1.00E-04	0.14878706	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06388714	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93506134	2.88712519	3.16799287	3.22574929	2.85915814	2.86287556	3.5943134
3.09959963	3.20911251	3.10795667	3.14922779	2.90489314	3.13980946	2.93668258
2.77409258	3.01462067	3.0923693	3.32657419	2.65576791	2.54789136	2.8508968
2.1135881	2.37662069	2.45158595	2.61076614	1.71372315	2.03809582	2.44051251

2.48633486	2.28358042	2.58047358	2.75802086	3.3846552	3.16099444	2.8684697
1.00E-04	1.00E-04	0.29067976	0.24478018	1.00E-04	1.00E-04	0.24554172
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92711192	0.24981743	0.27395957	0.78996027	1.00E-04	1.00E-04
0.86184115	1.43929562	1.80164432	1.26603263	1.00E-04	2.32907214	0.96811261
2.74303208	2.84803441	2.64068541	2.69870834	1.93480868	1.96093474	2.77169438
1.00E-04	1.00E-04	0.1456599	0.07774364	1.00E-04	1.00E-04	1.00E-04
4.11289329	4.41412545	4.36824237	4.40037129	3.60384437	3.90867763	3.82908885
2.21942152	2.69695039	2.56792389	2.83321066	0.51366621	0.77257589	0.40913153
2.58304621	2.55606222	3.10621394	3.12882231	2.47784601	2.64598684	3.73162105
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01378958	2.85800398	3.53029795	3.51098822	0.49833685	1.77561234	2.70326828
2.89555961	2.02249894	0.53278497	0.75755739	2.3547527	0.90186695	0.98219313
1.86492861	2.39393333	2.88337577	3.0902187	1.1480498	1.83224328	2.74528735
1.00E-04	1.08205852	0.23736214	0.1871406	1.00E-04	1.00E-04	1.00E-04
0.34569211	0.36367199	0.49584448	0.28230397	1.00E-04	1.00E-04	1.00E-04
2.40636699	2.20957572	2.24077249	2.49406362	2.17209109	2.37867142	2.14929821
1.00E-04	1.00E-04	0.04936035	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.9360363	1.95290388	2.02275904	1.84726125	2.22816616	2.21344359	2.03688289
2.26967639	2.30192922	2.42660185	2.64663199	2.53330748	2.58175522	2.88756135
2.39337707	2.57293989	3.05099755	3.31272635	2.5890251	2.6182792	2.90391086
4.20867855	4.25296422	3.86637079	3.69329728	4.21367827	4.40883995	3.88240688
1.00E-04	1.00E-04	0.12978154	0.16609428	1.00E-04	1.00E-04	1.00E-04
2.48950779	2.63354396	3.76318124	3.75629283	1.70514319	1.90437674	3.18987447
1.00E-04	1.00E-04	0.03068074	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83106812	1.2445897	0.85183398	1.01059193	1.71983831	1.47852434	0.97804671
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32304065	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59376916	1.18690852	0.55208563	0.7274628	0.99087752	2.05066324	0.63599379
1.56900886	1.47677268	1.30625681	1.41209283	1.83997585	2.36782236	1.92117349
1.00E-04	0.11363526	0.1080617	0.0567359	1.00E-04	1.00E-04	1.00E-04
1.72741708	0.94304602	1.22996778	1.65809167	1.18168291	0.92980327	0.77935713
1.00E-04	1.00E-04	0.07434244	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.20433224	2.37807817	2.54136229	2.55120474	2.02225452	2.20364585	2.33602038
1.97416119	2.12737314	2.32271054	2.71416462	1.28190429	2.29257337	2.51457161
1.00E-04	1.00E-04	0.05171389	0.09137109	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1486233	0.22429676	0.25905413	1.00E-04	1.00E-04	0.21257887
1.18963683	1.46551773	1.71723861	1.6711808	0.82946341	0.63404985	1.67498291
0.38467718	1.35580217	0.4001685	0.52328339	1.00E-04	0.63696113	1.47061684
1.00E-04	0.1194002	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1477718	1.00E-04	1.00E-04	1.00E-04
3.81146203	3.86013471	3.95231087	4.24854945	3.82149304	3.96883458	3.91438628

0.22022577	0.6316577	0.59555818	0.57555819	1.00E-04	0.39960421	1.17563311
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05054768	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.61836506	0.2377975	0.66459385	0.45889659	1.00E-04	2.1676424
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45330561	1.00E-04
3.18070453	3.29515738	3.26593771	3.21877666	2.53626897	3.13276305	3.17969961
0.52922591	0.90194422	1.72916007	1.40617672	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04589861	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.9743578	2.7909404	2.79516704	2.89188665	3.42533595	3.66526457	3.37960087
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16257726
1.28443817	1.35392834	1.12391318	0.79973183	1.00E-04	1.00E-04	0.69755504
1.28226503	1.5211478	1.54688483	1.29559884	1.28870026	1.62759299	2.46507628
1.00E-04	0.28195202	0.59433456	0.44670084	1.00E-04	1.00E-04	0.13285762
0.35757121	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49953369
1.00E-04	1.00E-04	0.05473414	0.06585337	1.00E-04	0.54086741	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09323115	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89187442	1.52335015	1.50016993	1.60159735	1.00E-04	0.59656488	0.81997895
3.55111082	3.2179212	3.28931217	3.46301889	2.52206158	2.76426121	2.74382649
2.28761302	2.1089707	2.32013677	2.68097737	1.00E-04	0.49537042	1.00E-04
1.00E-04	0.30931253	0.20276173	0.04081921	1.00E-04	1.00E-04	1.00E-04
0.66436671	0.58619324	0.18089355	0.47721983	1.00E-04	0.14310979	1.00E-04
0.91145884	1.44249468	1.94084007	1.70823868	1.61714766	1.76488271	2.87698267
3.65539534	3.93271868	3.66951759	3.72751788	3.81756407	3.96823919	3.76921122
6.06031787	6.2695625	5.98338652	5.91028263	5.81592811	6.20568896	5.73292898
2.35941449	2.69010019	2.57105223	2.65027018	2.62576082	3.60947207	3.26767981
0.63689302	0.35065004	1.046174	1.06657201	1.00E-04	1.59275693	1.00E-04
4.15097713	4.2678588	4.08595352	4.1204681	3.88185179	4.42795515	4.1521998
1.40608614	1.67302861	1.03272514	1.19668973	1.23814352	1.76875638	2.05400134
1.43820628	1.61716641	1.7612046	1.5140109	2.01559784	0.80836707	0.80262002
0.44843343	0.17411755	0.02989984	0.05575128	1.00E-04	1.00E-04	0.29945792
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.844301	0.61724224	0.80082728	1.19209539	1.5118782	1.68713845	1.95691289
1.00E-04	0.21135235	1.00E-04	0.04242377	1.00E-04	1.00E-04	1.00E-04
4.07605961	4.49582673	3.80847572	3.62498787	2.90718175	3.55586926	3.24155927
1.00E-04	0.21939245	0.38640167	0.30108198	1.14924015	1.00E-04	1.78479352
0.14248997	1.02459494	0.67685066	0.65302997	0.30780692	0.06695938	0.10785897
1.8551446	2.47264011	2.20066534	2.14122191	2.55649964	3.39677545	3.18670384
2.71274891	1.60948961	1.5883207	1.92629345	1.79142314	1.85441124	1.9551634
1.48534357	1.71803605	1.90403368	2.02094905	1.9838705	2.15003118	2.35487884
1.88628328	2.18914171	0.95954352	1.40894987	1.95048501	2.45711618	1.9274419
0.4226206	0.06818189	0.20245113	1.00E-04	1.86425426	1.15451111	1.27525777

0.96036956	1.88519231	1.35675582	1.34439573	2.03592873	2.98872262	2.12331103
1.00E-04	1.00E-04	1.00E-04	0.04912699	1.00E-04	1.00E-04	1.00E-04
0.29784901	1.00E-04	0.1698204	0.17701081	1.00E-04	0.50157744	1.00E-04
1.00E-04	0.25264368	0.1014462	0.03569075	1.00E-04	1.00E-04	1.00E-04
1.75651761	0.84552503	0.17206079	0.24334627	1.00E-04	0.76346635	1.00E-04
1.33368939	1.38304706	0.87773949	0.97003696	1.81524496	0.42387713	1.00E-04
1.00E-04	0.5928081	0.65550179	0.63299721	1.19939585	1.0159924	1.00E-04
1.63417046	1.12096147	1.43766971	1.39091916	1.77842588	1.45297307	1.55119551
0.94733651	1.32277896	1.10242353	1.25621819	0.48823099	1.55509694	0.7928056
1.55530907	1.15539847	0.71511895	0.75132576	1.00E-04	1.69687654	2.00012864
3.35645459	3.21163772	2.97352779	2.97218274	1.79266486	0.99402516	1.49999083
3.41869263	3.81802067	3.31616073	3.3263364	4.48816333	4.59133705	5.13156667
1.00E-04	0.87154568	0.41830965	0.29303837	1.00E-04	0.37047444	0.46430976
1.00E-04	1.00E-04	0.12604593	0.22242904	0.97648247	0.52456838	0.44379634
1.00E-04	0.24413804	0.08657779	0.05177516	1.00E-04	0.64019108	1.00E-04
1.00E-04	0.06639836	0.15348229	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46123475	1.00E-04	1.00E-04	0.07045211	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05537647	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40983364	0.32597388
1.00E-04	1.00E-04	1.00E-04	0.12365318	1.00E-04	1.00E-04	1.00E-04
1.63304099	2.5372166	2.21936344	2.05655823	2.16747226	1.3059985	1.81031034
3.83623252	4.32460518	3.97698557	3.81615038	3.81612274	4.28434086	4.05347112
4.39813835	4.76591903	5.25232066	5.09458293	4.03036368	3.88139243	4.89148535
2.39192394	2.47135224	2.48247563	2.67076089	1.9675311	2.65778098	2.07668856
2.48351066	2.41960072	1.58445512	1.51033907	3.96707141	4.29780221	3.76888044
1.70532497	0.95012466	0.61195521	0.23444364	2.21447789	1.04389616	0.39642435
1.00E-04	0.16339373	1.00E-04	0.04087293	0.54065888	0.7143963	0.44456972
0.4004604	0.7586691	0.77879569	0.729694	1.00E-04	0.63220844	0.38790491
2.67256285	2.91864787	1.17874525	1.55757253	2.37763302	1.84800636	2.00059725
0.82162846	0.99551939	0.47292642	0.65776797	1.00E-04	0.17294963	2.03884966
1.46592607	0.86299701	0.92168443	0.90150389	1.37012473	0.42950995	1.0921467
1.00E-04	0.18669663	0.13109085	0.41494801	1.00E-04	0.18597055	1.00E-04
1.00E-04	1.00E-04	0.10962918	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.43829301	2.59439621	2.59286982	2.892912	2.15276035	2.35491498	2.6330328
4.03177716	4.18852239	4.18051639	4.15811647	3.21928158	3.78474604	3.80461988
0.14465503	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40391953	0.88647562	0.98810567	1.00815939	4.01475952	3.36274438	3.22064014
0.43618089	1.35265688	0.58711286	0.87391109	1.74205607	1.39076634	0.65017633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.42836586	2.50135198	2.95875067	3.11119705	1.40924423	2.24363705	2.49857464
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35163059	0.08557164
1.00E-04	1.00E-04	0.17490505	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32978868	2.06700092	2.19661746	2.08990519	1.03838774	1.49703733	2.70742936

6.0408851	6.3661926	6.92865742	7.15374127	5.2504075	5.44190298	6.22129268
4.53525048	4.94213046	5.48388119	5.45556419	4.32971383	4.58212277	5.68234972
3.33571778	3.36927482	4.05449224	3.98669921	2.79292956	2.79044181	3.72893939
1.00E-04	1.00E-04	0.07848693	0.06003885	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19861553	0.18066111	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08603878	1.00E-04	1.00E-04	0.15942843
0.8452924	0.87287484	1.01608052	0.50196245	2.12046596	1.52522187	2.2844597
0.35127314	0.98910434	0.76858664	0.79290695	0.59547666	0.86675768	0.9527436
4.22612025	4.67791308	5.10096024	5.06247667	4.36439593	4.71682864	5.09802821
0.14465503	0.29178817	0.29064249	0.52215311	1.00E-04	1.14361709	1.27676644
3.94532184	4.215101	4.13734032	4.13260205	3.71798149	4.04900955	3.85829978
2.26136336	2.30626341	2.73597904	2.92701042	2.04535494	1.6121453	3.01173331
1.15337479	1.11270315	1.70557541	1.61861535	0.99452568	1.81871326	2.46015121
5.99723897	6.02550978	5.66424594	5.56718624	6.31770083	6.56382892	6.14902336
1.00E-04	1.00E-04	0.06135131	0.06347517	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07722892	0.03330138	1.00E-04	1.00E-04	0.2210583	1.00E-04
0.71200875	0.8529412	0.60735535	0.73595321	1.06418145	1.1790664	1.00E-04
5.81728465	6.05047084	5.79112717	5.52207694	6.05449467	6.12279729	5.64348683
3.92491568	4.024485	3.82960303	3.89240551	3.83630914	4.09054768	3.70311399
0.60152526	1.00E-04	0.54817179	0.96704928	1.00E-04	0.46718831	0.54545246
7.01961839	6.80698828	6.72360427	6.52255311	0.91921761	2.76660387	3.56451634
2.28935651	2.26195789	2.11038875	2.39135366	1.71277705	0.98907252	1.86089812
3.00982401	2.90516904	3.09465059	3.03003875	2.72011672	2.35301745	2.61523882
5.37256275	5.52018568	5.09503186	4.95017735	5.45234814	5.81555282	5.41199793
1.00E-04	1.00E-04	0.02754268	0.15467655	1.00E-04	1.00E-04	0.07440699
3.77847759	4.24294339	4.51792764	4.54371805	3.29180568	3.75256177	4.55439157
2.23385629	2.367968	3.88273354	3.03128216	1.88004426	3.10597913	4.69156882
3.85076388	3.66580949	3.41699328	3.30400294	3.397295	3.34582251	3.24598002
3.63635485	3.43388367	2.98246119	3.20325911	4.65549214	4.74073212	4.35935285
0.91570173	1.14780255	0.80874571	0.74941449	1.11399526	1.00E-04	1.17835445
4.3227686	4.57879206	4.31194237	4.16071331	4.98777682	4.74796245	4.35891844
3.18103032	3.40325952	3.12150854	3.31214071	2.99914808	3.46861899	3.21822183
4.47950796	4.73794821	4.45999346	4.52908079	4.67497468	4.6584358	4.54088502
1.00E-04	0.4702071	0.18221088	0.2364524	1.00E-04	0.22074923	0.28948344
2.25738213	2.32416169	2.22466947	2.61031367	1.79006105	2.03661053	2.4540152
4.4311812	4.75245111	4.7540721	4.8197103	4.2413551	4.38964897	4.47676839
4.66129611	4.86553295	5.15273378	5.29552454	4.46419506	4.62830462	5.22906827
0.16636142	1.08555727	0.49844442	0.44214033	1.00E-04	1.00E-04	1.00E-04
4.17504888	4.61142422	4.67354428	5.15524724	4.24613101	4.24574491	5.45925766
3.23629015	3.70422723	3.86069773	3.88750635	3.40162545	3.79763046	4.13457707
2.91008204	3.02880244	3.34842019	3.46092161	2.55220669	2.48268029	2.69713073
0.98214725	1.02404119	0.61790188	0.64981724	1.2352155	0.52239912	0.67114307
2.77434996	2.88122862	2.75689701	2.83632684	1.90759349	1.95717967	1.90105152

1.00E-04	1.00E-04	0.12815963	0.18868043	0.24496797	0.45518725	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0447679	1.00E-04	1.00E-04	1.00E-04
2.77869465	2.84857592	2.60518735	2.55730704	2.83499457	3.07860894	2.63436988
4.51602575	4.70683745	4.50087551	4.66212957	4.24708835	4.26733579	4.10269039
1.81562932	2.57726307	1.93083832	1.81419909	4.15354154	4.32625125	3.41655334
1.3167457	0.7785141	0.97822784	0.84871107	1.00E-04	0.9443976	1.00E-04
4.26291618	4.62268498	4.33425802	4.23466401	4.11643738	4.38509884	3.97582932
1.00E-04	1.00E-04	1.00E-04	0.04401363	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27825795	0.15302099	0.2081339	1.00E-04	1.00E-04	1.00E-04
3.29077563	3.7129002	4.20745631	4.22617321	3.32143623	3.29362803	3.99197996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.40769693	4.56394251	4.20979002	4.41390223	3.93403962	4.19833773	3.95136491
3.11155309	3.22839614	2.91758531	2.97829533	2.77435299	3.37030308	2.73438506
2.17929985	2.77981586	3.00948308	2.95346765	2.01457076	2.65483492	2.6876258
0.26009665	0.57425344	0.1757737	0.4555151	1.00E-04	0.73515921	1.00E-04
1.00E-04	0.39654479	1.29320062	1.05728796	1.00E-04	0.93298045	1.43107778
5.09312655	5.4384457	5.39888054	5.49265564	5.08841248	5.4663881	5.35399768
4.78068917	4.99294604	4.9398058	5.03312917	5.13653725	5.5167836	5.43618424
5.59570756	5.54185341	5.54390255	5.54501307	5.05036725	5.27276911	5.03921915
1.00E-04	1.00E-04	0.09084819	0.25627909	1.00E-04	1.00E-04	1.00E-04
5.78098285	5.86047495	5.55080225	5.43366521	6.04208312	6.25635698	5.5380131
0.8536291	1.43391058	0.7911242	0.86258907	1.00E-04	0.29937888	1.36859625
2.16124386	2.90542429	4.00371494	3.71316458	2.69427411	3.73570387	4.61959841
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.52522026	3.87552314	3.99898	4.12244231	2.73452991	3.30274111	3.21916044
1.38340522	2.10596903	2.21613001	2.36072255	1.26599945	1.17061534	1.77720973
0.41815157	0.53122096	0.88805431	0.63845579	0.35750248	0.91481439	0.86991238
2.68290019	2.79700709	2.62338135	2.61097265	3.27351928	3.59752908	2.95134271
3.56826084	3.77134072	4.34216598	4.46534751	3.41984463	3.46466848	3.82936697
3.19176408	3.21608502	2.91796447	2.85390656	3.46395981	3.50741454	3.25026077
4.49231628	4.69059382	4.66813303	4.87511922	4.22901928	4.02080637	4.06734348
2.72236605	2.87720903	2.54597973	2.68697636	2.59187783	2.74791326	1.87731581
1.00E-04	0.79951572	0.12933047	1.00E-04	1.00E-04	0.64266456	0.45275821
3.21608691	3.50991117	3.25958126	3.21285805	3.00275876	3.07166204	3.50158523
1.10689112	0.93787768	0.5893726	0.55802552	1.00E-04	0.94631429	0.57331984
3.92628063	4.34797697	4.00949986	4.13721687	3.52139358	3.8326524	4.09963971
3.45015044	3.57017067	3.36503275	3.42969902	3.70762184	3.81727523	3.30064126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3906474	2.26638311	1.52515846	1.68901496	1.7273173	2.43002939	1.81447666
4.22428311	4.28583118	4.10105765	4.21123743	4.13714062	4.0093668	3.78777548
5.44352746	5.52430868	5.24153302	5.28063936	5.09375382	5.1607844	4.88048738
3.53409645	3.61393079	3.3809786	3.46071111	4.03881885	4.25977289	3.97582054
5.36204766	5.31913181	4.92254754	4.82981264	4.67777271	4.72881669	4.40817328

1.00E-04	0.78632622	0.38219735	0.29149178	1.00E-04	0.49555392	1.00E-04
0.44189414	0.35846068	0.61265072	0.55054464	0.40674922	0.67381206	1.00E-04
3.48527548	3.71133286	3.10905162	3.28538489	3.48919944	3.76557942	3.76397778
3.77455109	4.07013551	4.42532358	4.3104389	2.99340993	3.16018638	3.77051451
1.00E-04	1.00E-04	1.00E-04	0.07690911	1.00E-04	1.00E-04	1.00E-04
2.34492853	2.7780824	2.03307846	2.46038596	2.37361379	2.09088898	2.15515481
3.34662723	3.64575167	3.65280996	3.77060905	3.46379484	3.35895484	3.19844305
2.75698018	2.82558307	3.27956573	3.17374228	1.51161231	2.56203082	3.25316518
1.49912955	2.06501635	1.6382311	1.66592966	1.47531763	2.26299629	2.73646327
2.80941308	3.11837659	3.20494095	3.27677587	3.15108713	3.36178601	3.54426209
2.87762661	2.54017863	2.80810554	2.76956306	3.13204215	2.68521392	3.20350738
4.77048581	4.63051627	4.44902781	4.42647284	4.12580203	4.36834487	4.06076994
3.99322585	4.21234927	3.93695212	4.08247408	4.00861379	4.18932479	4.06626876
3.07406166	3.18868928	3.08498572	3.16073732	3.37419834	3.16328121	3.549953
1.00E-04	0.39531851	0.19484859	0.13986202	0.77322435	0.25244024	0.28227858
0.57945513	1.00E-04	0.2265632	0.16283001	1.00E-04	1.00E-04	1.00E-04
0.1943788	0.44080582	0.04284286	0.08805909	1.00E-04	1.00E-04	1.00E-04
3.52387806	3.61270516	3.2529362	3.5246695	3.3483012	3.03357684	3.02493833
5.65436048	5.79729799	5.63106905	5.72708153	5.25659959	5.59482118	5.4884512
0.83782312	0.65134482	1.12157839	1.23666327	1.32999804	1.12555859	1.38412524
1.73124354	1.47238347	1.67090287	1.39795806	1.00E-04	0.77104975	1.52861408
2.67983017	2.47123451	2.22155255	2.17689798	2.43183067	3.03933783	2.01494162
3.31617343	3.76097367	3.96879554	4.15506995	4.3734926	4.22058125	4.79261417
0.98047277	1.08875858	1.38830561	1.43072544	1.00E-04	1.19521072	1.18811557
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.19233243	2.01375733	1.62019474	1.60750694	1.30860472	2.03299308	1.39672294
1.00E-04	1.00E-04	0.11671859	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.00309132	2.64039197	2.0975662	1.94215028	1.00E-04	0.22044102	0.22172487
0.46335389	0.55239018	0.72349154	0.47027921	1.00E-04	0.59411957	0.32599971
1.12992372	0.76943755	1.00182232	1.21763828	1.00E-04	1.97783538	1.3690699
2.02023219	1.60293904	1.58092949	1.72985811	1.40814123	1.89629951	0.89708503
1.00E-04	1.00E-04	0.20142855	0.22525117	1.00E-04	0.11466061	1.24899064
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0591389	0.05671287	1.00E-04	1.00E-04	0.23560048
1.00E-04	0.50333531	0.79797165	0.84865184	1.00E-04	1.05283452	0.99757029
1.00E-04	1.00E-04	1.00E-04	0.09494216	1.00E-04	1.00E-04	0.14835414
1.00E-04	0.38015288	0.2868213	0.4311935	1.00E-04	0.32251008	0.74294047
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12174474
0.15020537	0.52346599	0.30691019	0.08442778	0.85453323	0.81781912	0.19293133
4.64785332	4.90545349	4.37512527	4.34371028	4.36196915	4.75117966	4.27215717
0.14248997	1.00E-04	0.04447199	0.34591072	5.65014227	5.28749193	4.8447824
4.9413111	5.04570383	4.74486693	4.87699501	5.03505607	5.22047784	4.7121218
4.70423443	4.85581353	4.54459711	4.62790867	4.56838696	5.04232456	4.79959843

6.73370099	6.95320819	6.58477997	6.1694941	6.40897415	6.76773406	6.12964095
0.81433385	0.0737906	0.29944403	0.13359167	0.50894684	1.00E-04	1.00E-04
0.3677014	0.92562967	0.69594441	0.3559205	1.00E-04	1.00E-04	0.54316881
3.19343979	3.47175954	3.24854661	3.32155292	3.04885076	3.33660691	2.93322841
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19646471	0.24148734	0.52474525	0.51759874	1.00E-04
0.40294097	0.69565912	0.39894441	0.15604602	1.00E-04	0.37975841	0.36789897
1.07327739	0.85363527	1.20149545	1.6620763	1.00E-04	1.20682971	0.16909838
3.07528414	2.84001833	2.86606425	3.00015991	2.23973911	2.96124767	2.95552069
0.63454122	1.18361045	0.90227115	0.87865619	1.00E-04	1.00E-04	0.99237836
3.34690655	3.60342741	3.28715267	3.34742674	3.83290254	4.43415975	3.95269216
3.74145884	4.11238501	4.09336295	4.14761387	3.55949762	4.15606173	4.28608924
1.00E-04	0.203267	0.2519365	0.13694341	1.00E-04	1.00E-04	1.00E-04
4.4148924	4.61647199	5.00574768	4.98881293	3.68305432	3.93465888	4.5403968
3.8181538	3.7852479	4.14057662	3.83329107	3.9842865	3.621846	3.53464288
3.32858642	3.20394105	3.30593323	3.51563668	3.12259146	3.54778636	3.59621323
3.37783456	3.6701614	3.54385521	3.63239718	4.64988774	4.29741083	4.14030647
3.28301933	3.06218629	2.96920192	3.21141596	2.35202414	3.15613812	2.42894171
0.49164345	0.42741098	1.45911516	1.35727477	1.00E-04	0.73579805	1.87796541
0.95089794	1.24176602	1.37262036	1.51538558	1.08579753	0.89910454	1.0698906
1.40610148	0.5594215	0.77590247	1.0663673	0.51366621	0.37915898	1.25381791
2.20551525	2.54902824	2.4334263	2.31812273	1.70629766	2.57584454	2.07527815
3.04722195	3.52256416	3.39380601	3.52705548	2.82308698	2.9923046	3.09135402
2.15580335	2.77424021	2.66810012	2.89027302	1.82688279	2.39036047	2.56804859
3.40451867	4.24478882	3.92515509	3.0904978	4.22642399	4.33228927	4.33227829
4.39471301	4.69950345	4.25860563	4.32658368	4.56911574	4.6396162	4.39403503
2.83929133	3.20122649	3.0490079	3.07693965	2.92127742	3.32800139	3.02712204
1.00E-04	1.00E-04	0.26755278	0.21146552	0.24496797	0.61319376	0.11565659
0.92998327	1.04522555	1.64740535	1.31768822	1.21685635	1.38833543	1.58986225
0.22248093	0.06661234	0.29809765	0.26929604	1.00E-04	0.55810567	0.50935609
1.00E-04	1.47819666	0.91760287	0.82220997	1.00E-04	0.80209862	1.0297412
1.00E-04	0.27825795	0.1507474	0.10423395	1.00E-04	1.00E-04	0.14701138
0.15352842	0.79129379	0.68800578	0.64260827	0.99167921	1.4683371	1.48552824
3.64951174	3.93158115	4.73716061	4.84040429	3.44550505	3.46200308	4.02110093
1.00E-04	1.00E-04	0.09247651	0.0896989	1.00E-04	1.00E-04	1.00E-04
2.55541498	3.36007131	3.19547657	3.43370595	1.84698987	1.75366464	2.5402542
1.00E-04	0.96507745	0.71245203	0.76050985	2.11017456	1.83736504	2.08975018
1.31215146	0.98157978	0.73573281	0.43446574	0.42197018	0.63448851	0.56899231
2.73030014	3.00440654	3.40831657	3.54625486	1.829326	2.30576075	3.21376912
0.2425114	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28241755	1.00E-04
3.14025202	3.28043738	3.07202773	3.12376811	2.51818155	2.97126135	3.09204908
4.5874123	4.63842677	4.70586707	4.69902648	4.69414573	4.72474594	4.83048321
0.49154655	0.92693852	0.81853083	0.82623051	1.97213944	1.88164796	1.27077406

1.13260442	1.30787715	1.10599173	1.34136738	0.63609922	0.38639393	0.91270701
0.79257017	1.66788114	1.29838526	1.3352086	2.89972836	2.83901215	3.1328526
2.75910232	2.36025149	3.13186741	3.24929398	0.77834176	1.50803191	2.87125505
2.0868538	2.40410327	2.14251237	2.46513626	3.92636847	3.34296748	3.54873846
2.61961056	2.56061035	2.60346917	2.66198767	2.22787313	2.21322232	2.81717357
1.74907914	2.13244742	2.6658769	2.74097045	1.57726331	2.12539191	2.2929913
0.95683488	1.3375885	0.37896976	0.4012387	0.59994704	1.00583796	0.99819663
2.88540094	3.19214675	3.15406501	3.29851734	2.7755807	3.24470881	3.48828477
3.25783012	3.0896261	2.7854692	2.69167333	2.66459946	3.20858374	2.63026151
0.67535352	0.89795878	0.0763253	0.43701541	1.00E-04	1.00E-04	1.00E-04
2.69940256	3.15673065	3.54056272	3.53826333	3.21236556	3.07635567	3.23301316
2.72228733	3.15542105	2.44068271	2.43913106	3.17083513	3.48406343	2.60363947
2.00601954	2.21208701	1.91811998	2.13484762	2.7495534	2.32699247	1.93848597
1.00E-04	0.31612809	0.1568449	0.17894635	2.9453023	3.35339314	2.55498812
1.00E-04	0.18479302	0.03654513	1.00E-04	0.38530742	1.00E-04	1.00E-04
3.1126352	2.96664811	3.02204423	3.35554856	4.00975281	4.09736353	3.65502372
0.20290409	1.26326887	0.40590198	0.62772861	1.00E-04	1.13999842	1.00E-04
0.42209587	0.6578912	0.40312887	0.47583178	1.00E-04	0.48163783	0.14365894
0.8489293	0.33639656	0.70220459	0.61220149	0.81486132	1.86562335	1.48332223
1.14568067	1.31649647	0.9798133	1.04126641	0.48823099	1.51824329	1.16421032
0.9025341	1.41833499	1.51965991	1.15593874	0.41241033	1.2281865	2.42460254
1.00E-04	1.00E-04	0.26240382	0.28746028	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.21773235	1.44080477	1.11090683	1.00E-04	0.69680701	1.65250255
1.55923791	1.61395655	0.75286251	0.96414059	2.20558752	1.8176311	1.60939727
1.00E-04	0.4716764	0.03382904	1.00E-04	1.00E-04	1.00E-04	0.32599971
0.69089364	1.89201955	0.95290906	1.12260944	0.70156379	1.7247138	1.58562311
1.00E-04	0.62539437	0.35065652	0.24078148	1.00E-04	1.00E-04	0.6171328
0.84201507	0.84928659	0.81307886	0.91573687	2.17136803	1.03421015	2.286716
0.5493041	1.00E-04	0.15250162	0.04113155	1.00E-04	1.00E-04	1.00E-04
0.74126364	0.21874781	0.49269489	0.52028395	0.78234266	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.02595481	1.00E-04	1.00E-04	1.00E-04
3.53852776	3.22619749	4.02678631	4.27918501	1.22631073	2.05934007	2.02053315
1.29269668	2.04938646	0.86406255	0.96412215	1.00E-04	0.90261488	1.52522177
0.6727924	0.37085161	0.41180062	0.48284347	1.00E-04	0.21343893	1.00E-04
1.31974642	1.48421529	0.8408584	1.16050763	1.07262556	1.67377824	0.31671355
1.00E-04	0.64988843	0.323296	0.29364264	1.00E-04	1.12375219	0.68338809
1.88382136	2.33969063	2.15402212	1.74645319	1.57759146	2.42453004	2.70456373
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09213703	2.2764919	2.06060383	1.82541625	1.19845683	1.79976295	2.25353007
2.73687492	3.44303301	3.27151695	3.40706381	2.81693067	2.83904827	3.24446668
0.73422635	0.3988168	0.52246167	1.19097765	0.78234266	0.53071688	1.08590235
0.16688762	0.519143	0.18647981	0.21842633	0.90328858	0.51832249	0.75315111
1.00E-04	1.00E-04	0.05303958	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.66195015	3.09907854	2.60982413	2.23731762	2.90555699	2.70035348	2.65845951
0.88584412	1.12558263	1.25119752	1.31394029	1.95125025	1.75234996	0.220236
1.57680821	2.52472835	1.76050434	1.89833416	1.56001678	2.17582754	1.57812558
0.90481198	0.26185584	0.49836063	0.35940288	1.23867634	0.27580628	0.77179539
1.00E-04	1.00E-04	0.03905475	0.53582356	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.02950309	4.47568727	4.37635682	4.33650928	5.04681949	4.40814435	4.5089556
1.00E-04	1.00E-04	0.1165119	0.1699081	0.80006359	0.71210952	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62019012	1.69926041	1.26777571	1.17373106	1.08799176	1.01252152	1.54934432
1.00E-04	0.33300438	1.00E-04	0.15879837	1.00E-04	1.00E-04	1.00E-04
0.86554559	1.47423413	1.45090349	1.33361166	1.70016997	1.41023799	1.02437868
0.28058578	0.27099318	0.14881448	0.47925345	1.00E-04	0.72948952	0.45160651
1.00E-04	1.00E-04	1.00E-04	0.06313104	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15694348	1.00E-04	1.00E-04	1.00E-04	0.56206715
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39938962	0.75069316	0.82196771	0.48772105	1.00E-04	1.00E-04	1.00E-04
1.95373689	1.86412764	2.25053785	2.33434853	1.3724699	1.76634734	2.40001299
0.24987489	1.04807727	0.50230542	1.03011432	1.71183755	0.16898238	1.05434089
3.16318035	3.66500309	3.58707819	3.71807485	3.07961852	3.18102924	3.45900581
0.59011698	0.33213208	0.57757662	0.3737847	1.00E-04	0.29050809	0.21495559
2.45243797	2.83159583	3.1477202	3.26278324	3.10837255	2.70632796	2.79699095
1.25140767	1.73174537	2.15273148	1.98322733	1.40065703	0.66855822	2.260713
1.00E-04	0.19665619	0.22529176	0.11325347	1.00E-04	1.00E-04	1.00E-04
1.23132191	2.05994756	1.52378216	1.70431755	2.33930965	1.46017489	2.24913736
2.18681302	2.7093438	3.01621274	3.08859398	2.4918784	2.89330037	2.97402326
1.00E-04	0.77393818	0.5997302	0.31392591	1.10284403	0.91237332	0.52009371
1.25667247	1.68661732	2.50532501	2.07350753	1.14259055	1.08959569	2.05503968
1.60168078	1.84189922	2.11100104	1.67501116	1.01801538	1.2618129	3.22407089
0.58817403	0.63450013	0.57932175	0.6585903	1.00E-04	1.05446181	0.48918601
1.64123802	2.22420869	1.77308899	1.96683581	0.40912496	1.98378661	0.7170945
0.89820941	0.54347186	0.66924727	0.88224177	1.00E-04	1.00E-04	1.23597265
1.00E-04	0.1663631	0.25443483	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75541049	2.86971222	3.04173877	3.08319548	1.83286231	2.83479642	2.779574
3.62701214	3.70396219	3.58074673	3.69696843	3.54392188	3.49812687	3.53178826
4.55067994	4.18013237	4.10165241	3.95868009	7.1310701	6.43581699	6.51153224
1.12650303	1.66184049	1.94015836	2.01862473	1.06879709	1.67353127	2.17235088
2.41652759	2.9439244	3.79389526	3.89698181	2.15971301	2.30307315	4.01637119
2.78205085	2.76947483	2.79669772	2.74652016	2.90991977	3.05659154	2.80863372
1.95708948	2.38203798	2.41993789	2.58406443	1.94201137	2.62660769	2.83454131
3.16949234	3.59564694	3.99801474	4.00750185	3.16154443	3.18677308	3.84895456
4.71288047	4.81338622	4.37019782	4.28224403	5.34569149	5.41580334	5.03799841
0.50282682	1.19443958	0.39343834	0.64642938	1.3365518	0.80170061	0.6364601

1.59416066	1.31697483	1.66873491	1.768955	1.72964655	1.68504828	1.32711488
1.54284695	1.35768711	0.9913596	0.98870445	0.97293608	1.043115	1.37940094
1.20795713	0.72447008	0.70251095	0.92303799	1.00E-04	1.00E-04	0.11699513
1.1170558	0.82041191	0.93130815	0.85548493	1.00E-04	0.06695938	0.47326753
4.59674685	4.73886483	4.62472741	4.68417989	4.64466271	4.39307457	4.45168389
1.00E-04	0.16984549	0.07272862	0.23507149	1.32457871	1.20001137	1.00E-04
4.57641943	4.61829796	4.73801568	4.78599014	4.87377527	4.95086335	4.73232883
3.59093066	3.6805011	3.35703541	3.46743768	3.06409442	3.0385277	3.14216552
1.00E-04	1.00E-04	0.11142651	0.07333643	1.00E-04	1.00E-04	1.00E-04
0.98945023	1.66606793	1.97542089	2.00205342	1.83321232	1.72974642	1.68960782
2.17483902	2.23764156	2.42182863	2.51047452	2.15843067	2.15909686	1.97556045
1.10088718	1.15877982	1.2322421	1.23494025	0.49775343	0.92004979	0.81705371
2.62835068	2.68526416	2.44932599	2.41476462	2.69027704	3.10787286	2.42593075
1.00E-04	0.67922113	0.76046203	0.8577743	1.00E-04	1.00911977	0.79731255
1.00E-04	0.317226	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55017032	1.21791863	0.8622357	0.79169104	2.72875439	2.0964956	3.02862613
0.46486172	1.23897308	0.67565929	0.63872748	1.00E-04	1.00E-04	0.36805794
4.72127076	4.84167402	4.73334443	4.86061146	4.36589945	4.5908617	4.36544585
1.27219853	2.01189702	2.04806705	1.93714261	0.58919868	1.93740888	1.83506929
3.14514101	3.25731996	3.43515439	3.48004259	3.36658709	3.62071511	3.45493269
1.00E-04	1.00E-04	0.03588217	0.23499746	1.00E-04	1.00E-04	1.00E-04
3.03986077	3.59049098	4.4861308	4.4456211	3.02854002	2.87634136	4.07670862
1.13494492	0.9934456	0.85908604	0.83164089	1.00E-04	1.09721766	1.40009804
1.00E-04	0.72065967	0.27782191	0.17969846	1.00E-04	1.00E-04	0.07440699
1.00E-04	1.00E-04	1.00E-04	0.07431156	1.00E-04	1.00E-04	1.00E-04
3.84689054	3.86824704	3.51288748	3.7539069	5.98933065	5.6804132	5.76687211
3.36318687	3.69761476	3.35195027	3.31873332	3.45125464	3.3610588	2.98135501
5.99783739	5.94763224	5.61386379	5.4553022	5.35697956	5.51546164	5.10548791
2.20471214	2.43853053	2.06346854	1.30664496	1.00E-04	1.00E-04	0.69971574
3.18778544	3.3780213	3.1567081	3.33289267	3.57320265	3.50490602	3.27563461
3.73283786	3.95794695	4.01680536	4.15863129	3.30819019	3.85846796	3.94976213
5.77095913	5.96847045	5.54557656	5.53962449	5.65393285	5.75967226	5.54877373
2.15448819	1.81125841	1.69601822	2.17251493	2.77602986	2.38246876	2.46572783
1.00E-04	0.20529217	0.23369422	0.10175536	1.00E-04	1.5213687	0.45078953
3.93603204	3.92368619	3.68929526	3.73986443	3.22595753	3.70960343	3.37260476
0.34820011	1.00E-04	0.29196661	0.34635758	0.50488113	0.40848101	0.36895161
4.01988953	4.50226293	4.19697406	3.97599616	3.49046557	3.65172727	3.51297724
0.83966792	0.81512423	1.60612901	1.51704402	0.44157893	0.97445864	2.10580895
0.48396048	0.72206642	0.70676802	0.78798523	1.00E-04	1.00E-04	0.64341457
0.95876774	1.91386045	1.68501285	1.68657622	2.13905139	1.17044138	2.12574988
0.77345193	0.28141511	0.15728272	0.03844448	0.24496797	1.13888029	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09828251	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03936336	0.03689189	1.00E-04	1.00E-04	1.00E-04
1.55314644	2.26592667	3.37701352	2.88546404	1.14974659	2.31717597	4.06832904
1.00E-04	1.00E-04	1.00E-04	0.06668622	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.54700103	0.97262615	1.00E-04	0.38639393	1.00E-04
2.10150803	1.99705083	3.38336902	2.81526416	1.41286711	2.25417523	4.14001168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31017607	1.01433995	0.58989784	1.00E-04	0.0838544	1.05269957
2.07927042	0.79392143	1.03290438	1.53711569	1.00E-04	1.00E-04	1.86083004
1.00E-04	0.21322755	0.09246602	0.18717084	1.08951795	0.33235459	0.69554237
1.00E-04	1.00E-04	1.00E-04	0.06668622	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.40641076	2.31060617	2.16783284	2.05571429	2.26100042	2.97069266	1.97451243
1.00E-04	1.00E-04	0.05625675	0.13035565	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06514403	0.09323115	1.00E-04	1.00E-04	0.45130559
0.17922381	0.15887638	0.75668357	0.54940715	1.00E-04	1.00E-04	0.16257726
0.9742971	1.55204813	1.66289599	1.01142553	1.01528035	0.43086261	1.42011771
3.27144682	3.76434554	4.37290213	4.16805809	0.4683059	1.79095583	1.60092105
4.56447216	4.88328918	5.59194595	5.41414567	2.2804407	2.71032924	3.58447701
1.00E-04	1.00E-04	0.32502274	0.12837258	1.00E-04	0.0838544	0.31605188
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12640632	1.00E-04
5.41297654	5.42773168	5.40397761	5.52668421	5.49928487	5.63784879	5.3143943
0.31577327	0.31563156	0.18365163	0.19097689	1.15668689	0.7627144	0.50727542
0.54101008	0.37399052	1.00E-04	0.09101393	1.00E-04	1.00E-04	1.00E-04
1.43425143	1.17698819	0.46403019	0.51102188	1.00E-04	1.25671296	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62318559	0.65634195	0.27890616	0.22295538	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37047444	1.00E-04
1.00E-04	0.39984404	0.67305636	0.54535607	1.00E-04	0.34993062	0.82102647
1.99401856	1.64897227	1.68697741	1.72039022	0.48060496	2.00631033	1.32544236
0.98291608	1.88388085	1.9447502	2.19882873	1.00E-04	0.84648814	1.4295073
0.82850001	1.48394517	1.48898072	1.67768965	1.53701456	2.23786608	2.16259882
0.1846233	0.75129897	1.04937592	0.70856452	1.62487823	2.19268177	2.29369174
1.20968257	0.73002403	0.26846478	0.35385556	1.21478763	0.86004086	0.33248834
3.54358256	3.88422245	3.80433325	3.71263331	3.87237703	4.0279405	3.69461394
0.5975534	1.45573176	1.21499985	1.24594879	2.5743237	2.74718341	2.7765342
4.5004965	4.48914569	4.36236252	4.55483324	3.40846826	3.37710323	2.84507271
6.45298738	6.36299206	5.9833951	5.85457512	5.95245944	6.46138129	5.56478226
3.31669619	3.59810075	4.03456573	4.02856188	3.22085188	3.13861493	3.8247752
0.84259828	0.59339304	0.56126464	0.58039776	1.32836846	0.81932594	1.2032139
1.77556122	2.1508852	2.37720498	2.31406227	1.09731964	1.85859158	2.27352072

2.05461515	2.0792172	1.87705134	1.8488866	2.08130226	1.73307835	0.974462
3.36317811	3.52296188	3.71759412	3.7212595	3.41125788	3.41614222	3.98969166
2.60471811	2.53694674	2.79507642	2.95223362	3.35503987	3.92780459	3.48676725
4.11825292	4.26166323	4.17281083	4.11869777	3.65692918	4.25128501	4.37325046
4.1182783	4.50292225	4.99749927	5.10901897	4.22226717	4.51653094	4.95711196
1.00E-04	1.00E-04	0.03123649	1.00E-04	1.00E-04	1.00E-04	0.22069481
1.80426023	1.88584434	1.72107906	1.5759489	1.65141403	2.52432209	1.58271873
0.81587184	0.77537222	0.56206837	0.86622636	1.00E-04	1.00E-04	1.00E-04
4.14095492	4.230749	4.15383893	4.03115933	4.03097136	4.3234268	4.18606705
5.4122854	5.51990596	5.32456505	5.11362649	5.76734615	5.7949294	5.74327818
1.88112005	1.97617181	1.4794126	1.8533448	1.30441801	0.95875487	0.92760658
1.00E-04	1.00E-04	0.2784217	0.10964545	1.00E-04	1.00E-04	1.00E-04
3.1307349	3.69415452	4.09865467	4.35023558	3.06161075	2.66078667	3.6276773
3.92994427	4.09084477	3.96386922	4.00708799	4.34133906	4.25055723	3.97416685
4.75332731	4.72186471	4.35755958	4.31495983	4.71011932	4.88515581	4.66821926
5.38031735	5.42310668	5.16424062	5.05685488	4.85091021	5.4090161	4.95344838
2.98941412	2.94876587	2.43721585	2.55715879	1.80037563	2.88169925	1.97487485
1.00E-04	0.64308754	0.17019701	0.2456901	1.00E-04	1.00E-04	1.00E-04
2.71903256	3.18687201	2.84345282	2.78611889	1.70121105	2.3772898	2.44366149
4.57751245	4.78853928	4.65877282	4.85269263	3.99101149	4.72323422	4.62961651
0.21914294	1.37077473	1.17459167	0.65826307	2.07655196	2.07947058	3.15148713
1.00E-04	0.18001067	0.12067255	0.23737594	0.61280452	1.31699795	1.77807992
1.99237361	1.56000201	1.53586801	1.44624873	1.00E-04	0.52618837	0.79042377
0.45646817	1.00E-04	1.00E-04	0.21131866	1.00E-04	1.00E-04	0.44252144
1.49404147	0.38805872	0.93230513	1.35531216	1.00E-04	1.00E-04	1.00E-04
3.26428941	3.49613384	3.94999052	3.82614482	1.68123893	1.18424354	2.14177196
4.06176567	3.90711157	3.47844799	3.74673565	4.45939611	5.10611793	4.49540502
0.76260747	0.30765881	0.49150702	0.51951245	2.17670832	2.18990864	1.79481272
1.00E-04	1.00E-04	0.08933433	0.13403203	1.00E-04	1.00E-04	1.00E-04
0.89541566	1.89471396	1.01065646	1.14750867	1.00E-04	1.49676598	1.10064763
0.13871239	0.85698149	1.14267166	1.24774468	1.00E-04	1.12285436	1.32078928
1.56904714	2.02026681	1.69926144	1.91476178	1.59090154	2.05424243	1.53925489
3.12780683	3.21408688	3.20609971	3.25787018	1.39672536	1.98952643	2.20163637
2.63042172	3.24180775	2.12331937	2.52257616	5.75145737	6.50404936	5.77826126
5.29673254	5.42079705	4.97962678	4.93091735	4.96623772	4.8337466	4.49783879
3.81326728	4.22231406	4.4821081	4.54978559	3.80756062	3.97419402	4.65242134
4.0864725	4.52642487	4.94502215	4.93705214	3.68904677	3.94210281	4.95638393
4.02682245	4.54815261	4.58984532	4.59885222	3.73307943	4.2488849	4.52991046
3.96112948	4.06044492	4.45295445	4.42356565	2.74671882	3.65567604	4.03518962
4.0122019	4.50133058	4.83705034	4.92032397	4.01763979	4.18954391	4.87426494
2.43243714	2.3731	1.99205745	1.6340878	2.38371398	2.2134248	1.3612362
3.49637947	3.9913556	4.34602133	4.35532516	3.56387762	3.57350557	3.96435252
3.82498244	4.15095823	4.54164316	4.55942311	3.79932281	3.74949906	4.38069274

3.01331446	3.1550218	3.18004943	3.18243419	3.23410982	3.62335143	3.37644135
3.0896577	2.77144933	2.71887244	3.14039343	0.8359224	2.26767851	2.83394495
4.1504474	4.67882473	3.59784823	4.02368589	0.8404113	1.47154282	2.18087892
1.69726586	2.19207362	3.08236473	2.73035172	0.63583153	2.62700321	3.95475057
2.98979458	3.03815037	3.61608514	3.73041326	2.06132862	1.93038107	3.55096816
1.71686538	2.21674686	2.43354546	2.64134888	1.92863278	2.16608357	2.92500531
3.57200641	4.03399269	3.55302975	3.39576061	3.13047578	3.94375882	4.76729464
2.13749514	2.52056926	1.07581254	1.104514	2.82042645	2.29506877	2.69587193
4.73420898	5.24354497	5.09823755	5.06969342	5.51132257	5.38932368	5.54943623
0.41513383	2.19008546	1.68198675	1.48352721	1.22915624	2.18600633	0.59868726
1.86372586	1.53348319	2.07167646	1.88370542	2.13563204	2.15983522	3.02620992
1.00E-04	1.00E-04	0.59541476	0.30701811	2.56262932	3.34257582	3.02534264
1.00E-04	1.00E-04	0.08795903	0.2233032	3.91404044	4.58715468	4.62436437
1.00E-04	0.26021181	0.38625228	0.6780873	0.40912496	0.2496013	1.14394554
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43071831	0.14219777	0.1804862	3.72640963	3.94375622	4.02369605
0.97713057	1.18542911	1.24436328	1.54601032	1.8812972	2.41775507	2.38431698
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.86718006	5.03606802	5.47207888	5.50070712	1.00E-04	0.35904325	0.83505592
0.50660736	1.35153369	0.22377594	0.96925642	1.47827388	2.07466743	1.70112881
2.4549804	2.36961395	2.25681593	3.18631333	3.26240727	3.81667331	3.78397329
0.38796739	1.00E-04	0.03569647	0.05515716	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12130432	0.15361271	0.26097721	0.11573827	3.73484237	4.27283352	3.61514946
4.82456618	5.03663296	4.35601418	4.42911805	1.96530676	2.3401869	1.88273898
3.3127714	3.38830636	3.61386989	3.4674316	1.06147139	2.52240565	2.63510004
5.82255078	6.11306257	5.72517988	5.57392553	2.96754556	2.71296955	2.30451463
1.99175824	1.99348431	1.86119832	2.03841217	2.83338153	2.97183373	2.33953256
1.90579802	1.95984432	1.76504392	1.92098674	1.44347252	2.21917069	1.6384888
4.51614058	4.29186817	4.14777363	4.16397839	3.38148564	2.16967881	2.17942455
3.75379812	3.77850754	3.43561573	3.4602308	5.4589419	5.33136664	4.99472241
2.81155923	3.08213584	3.6664595	3.67248944	1.69411524	2.60233262	3.13537926
1.00E-04	0.40929427	0.68365446	0.4300787	1.00E-04	1.64180621	1.7014872
1.00E-04	1.00E-04	0.98424414	0.88659697	0.50894684	0.87868479	0.97105728
1.00E-04	1.00E-04	0.13118103	0.16398583	1.00E-04	1.00E-04	1.11285109
1.01833498	1.49346277	0.45632761	0.49520193	1.00E-04	0.4610986	1.33326172
0.21375378	1.00E-04	0.14510318	0.24932725	1.00E-04	0.33769545	0.41951141
1.00E-04	1.00E-04	0.34764261	0.31753123	1.00E-04	0.82502229	0.85203011
2.08307747	2.61705835	2.72771527	2.55697697	2.38319398	3.04299205	3.79222414
1.00E-04	0.26305493	0.19400566	0.30190913	1.00E-04	0.99042694	1.50898899
3.54198894	3.88958998	4.06860519	4.11622932	3.21742399	3.64007206	4.38872108
1.10628798	2.04845328	2.50692757	2.7936358	0.79470356	2.12550776	1.33850334
0.23118277	0.29105365	0.38297846	0.58142875	1.00E-04	1.00E-04	0.08557164

1.00E-04	1.00E-04	1.00E-04	0.14320534	1.00E-04	0.41446661	1.00E-04
3.53472117	3.87647742	3.74496826	3.6282737	3.42049402	3.90457255	4.77698348
4.10108304	4.46550257	5.07496422	5.08296698	5.42483678	5.7822921	6.24645011
3.00059485	4.29523628	3.46574144	2.46782851	5.49902677	5.69713047	5.22540014
4.84787511	5.32643541	6.42430006	6.4559192	2.86144349	3.04880441	4.31369531
4.86951424	4.9276517	5.29093181	5.19768414	1.10585955	1.28027031	1.25327069
1.32228933	1.8721665	2.20132108	2.25974677	1.81502826	1.9754715	3.03009093
4.90645048	5.17072789	5.81358397	5.8715362	2.44127876	2.41388635	3.69282631
4.10920101	4.01538006	3.55827795	4.2504729	4.33499938	4.21322986	4.2527421
1.00E-04	0.31493907	0.90207856	0.4833742	3.88121795	4.30071239	4.62166194
3.20539807	3.3851415	3.11558634	3.9960883	1.00E-04	0.85879473	0.68423667
6.97739563	6.97921081	6.77245586	6.66414976	6.96835679	6.85594582	6.90514448
5.2446111	5.22481447	5.17062046	5.31729516	4.94284278	4.96293127	5.01247713
4.44056501	4.59094037	4.80084882	4.84132283	5.50511257	5.69432281	5.59396481
5.47776797	5.93398038	6.97607064	7.02528509	4.84847542	5.13328682	6.2538895
3.67029171	3.84584369	3.86957526	4.02646854	0.54050558	1.00E-04	0.79978672
5.71091612	5.92781352	7.45828401	7.27867131	5.1081715	5.1049902	6.87881545
4.99031675	5.30852048	5.52282473	5.56970326	5.28016452	5.53986568	5.70671938
3.64621802	3.76459648	3.50199186	3.52655768	4.99645111	4.99453737	4.73345181
4.4626905	4.57556951	4.7142896	4.76031122	4.6507778	4.5212144	4.59079875
2.93285337	3.22719584	3.74049875	3.35001543	1.99180208	2.27847793	3.52923635
1.00E-04	1.00E-04	0.12852295	0.12982572	1.00E-04	1.00E-04	1.00E-04
5.3364488	5.4834425	5.26834081	5.17023144	2.70356974	3.35074112	3.16244506
4.61034724	5.02276644	5.81231125	5.58348599	4.04869576	5.06689623	6.23845374
3.13820221	3.74987904	3.96664565	3.71286713	2.12678453	3.84000452	4.78801021
5.60542028	6.25858878	6.07009066	5.78129307	4.88673313	4.74392402	5.76249225
1.98494231	2.43273384	2.99194783	2.69449022	1.00E-04	1.00E-04	0.31671355
1.79253178	2.36697032	2.45726142	2.57701621	1.03762949	0.68486881	2.68673871
1.07506397	2.11655913	1.72608656	1.8372498	3.65174766	4.37713403	3.9592696
5.22688553	5.55437498	5.83946721	5.60917445	7.22228898	7.54149207	8.10351863
0.54239163	0.92975246	0.37384313	0.66235223	4.12247398	4.27132863	4.45161752
0.17922381	0.55531049	1.06100782	0.59813129	3.94124684	5.13982925	5.66664725
3.63290482	3.89456273	3.12602974	3.63035999	3.53557168	3.69961706	3.34486879
4.01880518	4.39154467	5.03620904	5.00238131	3.90668903	4.45727884	5.2884633
3.64124611	3.61519705	3.78317603	3.95946568	4.28137338	4.3072579	4.165246
3.02955898	3.27804279	3.66967555	3.11140347	5.46254562	5.53486739	5.56668177
4.36890987	4.11298199	4.1888885	4.59989657	4.30436842	4.78863863	4.47477562
1.48927258	1.72168325	2.12017017	2.25743693	3.27648518	3.73092693	3.79347755
4.16726871	4.55616818	5.07480139	4.89128901	1.71012212	0.90446136	1.28196582
4.50412128	4.78979225	5.30124256	5.105328	1.00E-04	1.28057609	1.39998492
0.75959976	0.67374717	0.62318608	0.97567351	1.89425174	0.31292031	0.71612927
3.25776046	3.50543893	4.09879691	4.21328089	2.49034449	2.57498902	4.66118277
0.83253556	0.71920085	1.13323083	1.20166404	1.00E-04	1.1784149	1.3190633

5.62955962	5.69559329	5.48542167	5.44365352	1.59934079	2.00754241	2.53699914
4.08434126	3.64995694	3.82655516	4.00463892	2.68426128	2.81908632	3.07291277
2.86149778	3.02104354	2.71154314	2.7737468	2.84173688	2.57158377	2.60722113
1.00E-04	1.65669757	2.09327522	1.54949149	1.00E-04	0.76706499	2.89234154
1.85211066	2.25737423	2.310753	2.18859126	2.46166289	1.65473515	1.59583921
2.6055365	2.97622885	2.63088381	2.69512064	1.74144679	3.09717229	1.98933883
3.16518948	3.33672307	3.5082554	3.52614911	3.58909602	3.7747202	3.9074261
6.04212395	5.79962134	5.65273335	5.37326288	4.85439124	4.5797851	4.15019131
3.80877929	3.80433706	3.33058961	3.5273694	2.93393382	3.00387437	2.65811678
3.81610263	3.96648719	3.94089904	4.03726037	4.41125084	4.26667824	4.3099244
0.32435596	0.76315062	0.71314697	0.73197427	0.55964322	0.57389738	1.2756645
0.26718572	0.16379083	0.18835965	0.33567502	1.00E-04	1.00E-04	1.00E-04
2.78889012	3.12519304	2.87012513	2.93385808	2.65803944	3.12837776	2.8111181
1.48577666	1.4090405	0.9506535	1.1054606	1.26837567	1.64255187	1.00686385
2.42707468	2.38675063	2.42974744	2.5722426	1.34286159	2.46917101	1.7384241
1.00E-04	0.52306585	0.25475613	0.42866779	1.00E-04	0.42698816	1.0861377
2.90178908	3.68294593	4.33865015	4.43754198	2.59851393	3.02437535	4.02290022
4.54087319	4.56378172	4.2784759	4.30170661	4.53345227	4.79194678	4.25018978
2.2820162	2.9796639	3.62787071	3.65103977	1.07399125	2.29073354	3.09540043
3.73866824	3.97940658	4.22301353	4.16286847	3.49013013	3.75381375	4.00104405
3.03663085	3.36958315	3.27595918	3.29877024	2.63394148	3.32179609	3.19292598
3.66304183	3.91256615	4.03112376	4.01046743	3.54682957	3.80614822	3.83673753
5.31678563	5.61845746	5.82766157	5.91848822	5.0068859	5.46355767	5.70312209
1.91147376	1.8932521	1.27097792	1.02952433	0.69312554	1.31058609	2.39680379
2.8613125	2.97108154	2.17405856	2.34920634	3.31668661	4.02069374	3.60810385
1.24641341	0.70295909	0.67032057	0.43769461	1.1306975	1.12666324	0.32432879
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32864357	0.17845405	0.1670148	1.00E-04	1.00E-04	1.00E-04
3.72670711	3.98825473	4.07013446	4.33094235	2.93047395	3.43576557	3.95620284
1.18042031	0.65896019	0.5582499	0.69468504	0.90190909	1.6011476	1.64985581
1.00E-04	0.24413804	0.23516177	0.32126587	1.00E-04	1.00E-04	0.50308509
3.60362138	3.84531855	3.89195156	4.01057499	3.10431903	3.32908443	3.78084111
6.52679482	6.67118846	6.42449413	6.43496792	5.91274813	6.17446964	5.94918389
1.33931236	1.32258383	0.85567391	0.78199299	1.22420562	1.19648364	0.11565659
4.18209876	4.48375627	4.34056062	4.41880489	4.41297283	4.61091689	4.55148248
1.87889561	2.01894588	1.39442595	1.54203995	0.69158286	1.68844599	0.62902195
2.87553288	2.90247872	2.37023405	2.52654048	2.68415383	2.7080307	1.92528683
4.92399227	5.00301224	4.70605431	4.65062294	4.87590024	5.16782698	4.81297349
1.90192411	1.37021054	1.29502935	1.30875403	1.00E-04	1.3122449	1.18459811
0.9621979	1.00E-04	0.24610449	0.65348428	0.51366621	1.00E-04	1.00E-04
2.86468007	3.07217744	2.92660615	2.97223711	1.8365518	2.26735794	2.43527125
1.00E-04	1.00E-04	0.08984902	0.30638111	1.00E-04	0.39261666	0.21257887
0.66691047	1.02130331	1.26124126	1.45263715	0.30780692	0.62514989	1.03955675

1.21114984	0.47396323	0.55544319	0.53580562	3.68899695	3.2129185	3.05861644
1.21103416	0.69980841	1.08324318	1.30725821	1.06989147	1.08866749	0.87892239
0.93445712	1.04125735	0.87686077	1.0195589	0.40912496	1.87360354	2.23545399
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.15281411	3.40326617	2.95862847	2.85091906	2.95682418	3.04881504	4.43723319
1.00E-04	1.00E-04	0.08050788	0.06505621	1.00E-04	1.00E-04	0.30959015
0.52100665	0.1646713	0.15169841	0.09831861	0.54293045	1.00E-04	1.00E-04
0.66707268	1.036049	0.4661871	0.62793982	1.52354137	0.34909171	0.21156663
1.64185829	1.17863303	0.9026885	0.84469225	1.23058514	1.80377746	1.89381677
1.00E-04	0.12866115	0.03974136	0.07205062	0.9636966	0.76132142	1.86356859
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.51366621	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02461662	0.0744105	1.00E-04	1.00E-04	1.00E-04
0.64156497	0.72631004	0.40408616	0.2193276	0.54050558	1.00E-04	0.71251385
1.00E-04	1.00E-04	1.00E-04	0.0496859	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13864085	0.04295232	0.09556524	2.90276104	3.06379701	3.67102814
0.72474768	0.87628208	0.92219246	1.23348854	5.39914693	5.55050956	4.99635568
1.00E-04	0.43866071	0.40716702	0.23568093	1.00E-04	1.00E-04	1.00E-04
1.53506576	2.16533703	1.35964848	1.64347729	3.19901069	3.05170715	2.93956505
0.42807058	0.33446796	0.69936085	0.69504547	1.00E-04	1.00E-04	0.33758991
0.41004772	2.04854007	1.53422215	1.29196161	0.42197018	2.22103517	1.6865564
0.11825932	0.58309739	0.54966272	0.36979477	1.00E-04	0.41062688	0.30048991
0.39605896	1.16272495	0.71263231	0.95200993	1.00E-04	1.00E-04	0.91668543
1.00E-04	1.00E-04	0.03332613	0.0518905	1.00E-04	1.00E-04	1.00E-04
1.97268466	1.62704077	1.62646032	1.72823397	0.49348739	1.86258959	2.77799128
0.16998337	0.70691776	0.44988046	0.24078966	1.00E-04	0.16898238	1.01297569
1.00E-04	0.82598956	0.35745239	0.37188737	0.38530742	1.00E-04	0.66237812
0.30573545	0.28739561	0.1311538	0.09817888	1.00E-04	0.39075943	0.21969743
1.00E-04	1.00E-04	1.00E-04	0.15606123	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17497061	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.61769277	0.28024099	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.77789939	0.78173964	0.83133777	0.67865304	0.78707698	0.40548622
1.00E-04	0.07142777	0.19431896	0.25759134	1.00E-04	0.70066102	1.34906945
2.86650271	3.25721518	3.14449322	3.03403252	3.23371945	3.49415241	3.21306668
2.29655635	2.67200595	3.34457746	3.46780475	1.81208463	3.03339786	2.47388643
0.71732186	1.21286845	1.95833059	1.87623049	1.00E-04	0.89624056	1.84086542
2.86517829	2.85822394	2.67345651	2.65461385	3.15520011	2.82986036	2.78035591
4.46317232	4.54168473	4.41337184	4.35867332	4.54952825	4.60332109	4.21502217
4.67733169	4.79993743	4.45632101	4.45426515	4.75516977	4.98025232	4.41051934
5.60272117	5.83664602	5.48237028	5.32122371	6.0016853	6.13282278	5.68429732
3.04534804	3.25137414	2.42937115	2.76417495	5.70704392	5.20428375	4.69843094
1.00E-04	0.91587586	0.27125739	0.54965803	1.00E-04	1.00E-04	0.16909838
2.17341041	1.68973517	1.8430698	1.69423621	2.09863893	2.08323074	1.9363286
5.67287263	5.98273576	5.4470471	5.18897471	5.45729712	5.57939655	5.05786593

0.23223341	0.58293233	0.51223759	0.24812618	1.00E-04	0.81516961	1.00158485
4.42651956	4.44742553	4.1247935	4.08666224	4.18197113	4.7325564	4.21031236
2.315374	2.3416719	2.00247601	2.0502497	1.68041448	2.11019211	2.2047822
0.58673184	0.65003553	0.9829448	0.91805358	0.38488463	0.98885181	0.30302762
2.03822655	2.114638	3.16993338	3.1171188	1.17618112	1.5246953	2.82142682
2.68662419	3.3575025	4.15134774	4.26335937	2.35463543	2.28100171	3.60149153
2.09239143	2.61177496	2.9202776	2.85887466	2.79294893	2.78136027	3.54359731
1.86857225	2.45320572	3.03227512	3.10174638	1.94932851	2.57940099	3.37835685
0.59443532	1.61406393	1.63493112	1.79529414	1.00E-04	1.54146119	1.84564809
1.18638628	1.5764399	1.29562811	1.54771083	1.86211764	2.28562423	1.51047085
3.22939321	3.31151718	3.18857707	3.2159897	3.27534803	3.2665218	3.21057786
4.41510704	4.50093519	4.07084239	3.99070155	4.03544465	4.35803605	3.85836105
2.70378487	3.30180596	3.09411806	3.18783231	3.15342509	3.26920072	3.56620338
5.27218657	5.58419236	4.93130622	5.26293518	5.02868874	4.57613257	4.3902943
3.22347093	3.55713204	3.42386399	3.43019594	3.66676086	3.90711648	3.19067818
4.35222748	4.64713941	4.21110874	4.03337226	4.4725131	4.58736963	4.29122268
2.61735941	2.38755854	2.69915023	2.67234856	2.43579734	2.32790408	2.73502813
5.6849034	5.87966493	5.32222334	5.2887701	5.87466233	6.10585339	5.49022939
1.10443897	1.08219245	0.90516328	1.14010776	1.00E-04	1.86366714	1.46498613
3.57729595	3.80494688	3.22841839	2.64211568	2.41196281	2.10810891	1.70639741
2.62597894	2.94140394	2.55826665	2.59532105	3.79585282	3.44251185	3.88622643
1.26974292	1.07799845	1.05660867	1.42082156	1.81016762	1.03158796	2.32156089
2.17737834	2.29735631	1.61169559	1.72021002	4.4323132	4.79516299	4.55957828
2.35034439	2.31082571	2.27977152	1.67758501	3.11452926	2.77980255	2.83328818
4.11815264	3.8223344	4.11272442	4.3499422	4.01341868	3.7073669	3.78514588
0.79886294	0.64577928	1.43725057	1.70935036	2.21313693	1.71503604	1.51550342
2.62599725	2.65518486	2.92065645	2.93900023	1.73377725	1.85444267	2.51352608
1.95467747	2.83731175	3.2225193	3.29818437	2.20661854	2.6806858	3.22919292
0.98955955	1.16569012	0.98843838	1.14323747	1.45838624	0.62125124	0.37011841
0.92527773	0.67257131	1.53604129	1.56623558	1.36313379	1.40710682	2.05973529
1.64700134	2.07637891	2.87445429	3.20252262	2.39636196	2.84288054	3.42534211
1.37802492	1.62111129	1.77734433	2.14628676	0.38530742	0.90046351	1.53830719
1.00E-04	0.58156134	0.25847736	0.13379956	1.02167217	0.27093829	0.28754422
1.39214517	1.32043682	0.94235095	0.86970019	0.90599957	1.22021418	1.02695492
2.15564305	1.89484402	1.63737858	1.80822924	1.54142119	0.90477534	1.75652951
1.4283339	1.62431737	1.6436391	1.67196541	1.16176363	0.76553392	1.89413582
1.23420395	0.56209909	0.89407629	0.55287569	1.49657284	0.36741216	0.86697851
3.18348116	3.24500125	2.98551596	3.08395481	2.4675541	2.40408908	1.56872384
1.00E-04	1.00E-04	0.07924458	0.12801606	1.00E-04	1.00E-04	1.00E-04
0.43670524	1.0071028	0.56289478	0.25375871	1.00E-04	0.38639393	0.15942843
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17514352	0.22087553	0.04817027	1.00E-04	1.00E-04	1.00E-04
0.7520966	1.62136283	1.00153139	0.80641177	1.00E-04	2.18181329	1.43148335

4.12230764	4.17074487	3.73956374	3.62610261	3.60171537	4.08467076	3.36299663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7428546	0.99981954	0.74063855	1.00E-04	0.0838544	0.86523541
4.93341522	5.05457359	5.23390902	5.27141145	4.60617915	4.98717453	5.5155284
1.00E-04	1.00E-04	0.02412435	0.05783959	1.00E-04	1.00E-04	1.00E-04
4.69337086	4.90658026	4.51052912	4.32522077	5.802569	5.85062797	5.36081813
4.65413782	4.46626748	4.19230085	4.19311191	3.63880402	2.93350077	3.05474943
0.58471586	1.10250694	0.80923329	0.8529552	0.54065888	2.37119887	1.18689916
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18078364	1.00E-04	1.00E-04	1.00E-04	0.12583522	1.00E-04
1.00E-04	1.00E-04	0.04900067	0.17784353	1.00E-04	0.75556927	0.09464396
0.69914097	0.81823103	1.94635175	1.48590366	1.00E-04	0.9592686	2.58846297
1.00E-04	1.00E-04	0.05629207	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53834564	0.20083211	0.1704926	1.00E-04	0.47045828	1.00E-04
1.00E-04	1.00E-04	0.27073498	0.21777999	1.00E-04	0.58614588	1.00E-04
1.00E-04	0.10931554	1.00E-04	0.10536118	1.00E-04	0.43385867	0.29689994
1.54167601	2.6976727	2.80535388	2.78378763	0.44157893	2.77637353	3.54653612
4.06670341	4.74946208	5.08482574	5.11759885	3.38234495	4.06105893	5.16643416
1.01242947	1.28801628	2.28849427	2.09049675	1.00E-04	0.87102842	2.17543183
1.00E-04	1.00E-04	0.08734041	0.13311194	1.00E-04	1.11853459	0.45163341
3.04249541	3.58813792	3.32808735	3.58082466	2.55873261	3.0781337	3.11339723
3.95716436	4.33338977	4.29839562	4.19782939	3.71835647	4.12792501	4.15788346
2.18295018	2.49087985	3.09287773	3.31312936	2.16200755	2.47685319	3.18376782
0.59884665	0.13737933	0.49206224	0.51980293	1.00E-04	0.26855651	1.17567779
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.66322308	5.81245515	5.42191054	5.45763752	5.67802523	5.88812501	5.48056241
6.59142485	6.77478961	6.44981322	6.26380623	6.35504145	6.41724856	6.20370249
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66495639	1.01344188	0.90764544	0.38421587	1.05772513	0.4610971	1.19484479
0.91195643	0.79528715	0.65651168	0.59245427	0.59994704	0.35704187	0.47509149
1.25626908	1.43049062	0.95621386	0.93712735	0.82073524	2.10667874	1.73911456
2.32167378	1.96186537	1.85072211	1.7111474	3.13583306	2.54911344	3.40766236
1.06619643	1.13392126	0.83794316	0.93490881	0.38488463	1.00E-04	0.48918601
1.00E-04	0.13907928	0.22861409	0.60240097	1.00E-04	1.00E-04	0.24851266
0.5167204	0.94546066	0.22033243	0.58506054	1.52076958	1.02868294	0.60218109
3.94400268	4.16084214	3.83164838	3.72565152	4.22560088	4.13692889	3.77934899
1.00E-04	1.00E-04	0.14315885	0.17914611	0.40975599	1.00E-04	0.09464396
1.00E-04	0.24628522	0.67845206	0.5325033	1.00E-04	0.39756017	1.45038219
0.38923324	0.44261868	0.73698054	0.80619489	1.00E-04	0.52945921	0.11808513
2.63507259	2.53021317	2.89768539	2.96293881	2.01905476	2.42159493	2.63017048
1.04879138	1.1840201	1.07575109	0.90787148	0.45086753	0.98622785	0.32978027
4.43142464	4.52678788	4.35969504	4.20883323	4.54134992	4.82507571	4.46342099
2.70545746	2.75345859	2.75983353	2.53707153	2.1503169	2.28637404	2.52326993

3.30364675	3.50955858	3.02956088	2.80953528	3.45758678	2.67424796	2.97112868
0.15815701	0.7942313	0.49947924	0.54445349	0.93214961	1.30244444	1.38408189
0.67129168	1.56792339	0.72199774	1.0827256	2.74234869	1.86179201	1.56706095
2.43122103	2.66374954	1.86782971	1.71682592	2.75943697	2.6143277	2.41994126
3.51070309	3.58994695	3.84921627	3.85939495	3.21303959	3.4575702	3.3501309
1.32509727	1.6962179	1.75332013	1.46385296	1.3917011	1.03895212	1.34782171
1.57458113	1.07154561	1.08100981	1.28982768	1.90163112	2.40307128	2.90750696
1.59842142	2.08071218	2.01503937	1.74818915	1.00E-04	1.97936545	1.83658132
1.49030663	2.28460138	2.83594738	2.75629801	1.54132001	1.64049734	2.54107839
1.73534419	2.09366347	1.88169164	1.68946256	2.07790045	3.41293032	2.48685778
1.01610967	1.52826951	1.19600008	1.57289621	1.88698323	1.91664623	1.86315863
1.21562805	1.51750513	1.56349864	1.53986103	1.00E-04	1.12005144	1.0907479
1.69401589	1.41619954	1.54606744	1.51604252	0.51366621	1.57089124	1.59170545
1.42230978	2.12250181	2.78577361	2.56799975	2.66109773	2.41202289	3.0532153
0.14248997	0.72317132	1.37181668	1.27334629	0.45086753	0.10651827	1.82351885
3.1810381	3.34376824	4.12852866	4.42925108	2.51518208	2.79460151	3.26476666
3.60501551	3.50121418	3.43595439	3.49868152	3.60590103	3.66440496	3.20652066
4.03262288	3.97062985	3.48759643	3.96386421	4.21412858	4.49211553	4.13126444
4.54798382	4.57997746	4.36169685	4.30317859	4.61042483	4.72498687	4.33739574
1.00E-04	1.68104116	0.79754877	1.1386402	0.65823999	1.30095834	1.04046259
4.47225917	4.71352288	4.1763498	4.10520619	4.49935239	4.27101762	3.73542823
1.98118633	1.77719032	1.91065056	1.56943969	0.66105827	1.46809815	1.46990989
3.97712158	3.81998519	3.51865949	3.61619755	3.88836417	4.42968064	4.02276377
2.64770407	2.56730591	2.27608146	2.41879987	1.88229811	2.25541433	2.2004651
3.66100894	3.85246824	3.73124633	3.61837512	4.63548552	4.2830179	4.23319375
3.44518152	3.43986546	3.27747807	3.38120503	2.47701876	3.16845705	3.11957241
4.60374318	4.77550419	4.54999748	4.60098919	5.78109663	5.90661133	5.56510024
1.00798481	0.45466671	0.72766098	1.00447308	1.00E-04	1.31158995	0.33758991
2.81699204	2.93218118	2.97598364	3.10061707	2.04726557	2.75935009	3.08651321
4.48020854	4.52076125	4.13255104	4.08848938	4.37884675	4.55364914	4.0621363
3.81285995	3.9307742	3.59663012	3.74621179	3.87929258	3.64729534	3.29882698
3.95348648	4.21079377	3.83462721	3.85985865	3.81796748	4.18914207	4.11232348
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5.46980002	5.58776539	5.27263343	5.20830555	5.28244425	5.27811446	5.1054412
1.90289038	2.22543651	2.26718043	2.22817948	2.01578303	2.09426126	2.45620025
2.60274006	2.43858483	2.78420725	2.83774227	2.32556413	2.7526556	2.8232983
1.00E-04	0.84820493	0.35132594	0.27429639	1.00E-04	0.53327825	0.08557164
4.10270297	4.25516399	4.12565114	4.11497049	4.36824545	4.46670266	4.19932398
2.79692642	2.96554657	2.80412501	2.85926758	2.02457894	2.72319145	2.74573423
3.43242404	3.59807067	3.24477412	3.25825426	4.01729512	3.82169302	3.5233762
2.2531312	3.22252443	3.13898982	3.23107772	2.26461166	2.94242238	3.07042758
3.47537789	3.52577754	3.44619176	3.39826847	3.3378126	3.0885297	3.2897209

1.35144177	1.92690347	1.44650135	1.68068523	0.71375114	2.07109891	1.04282088
2.3286843	2.18286535	2.03180547	2.10925683	1.25620048	1.72028858	2.25833856
3.44008448	3.09175747	3.08115209	2.99831174	2.96762625	3.44316664	2.98821435
4.26388709	4.44313732	4.04586234	4.03207089	4.4763905	4.57674085	4.39738421
2.21605779	2.47192732	2.44207053	2.40370672	1.96419563	2.09623908	2.49732139
5.64042939	5.74866964	5.45615263	5.45935597	5.59073235	6.02937572	5.54011303
3.17650434	3.21472308	3.02255246	3.18968239	2.82354384	3.31132341	2.59778205
2.98972884	2.9691218	2.96291114	2.97313749	3.32196863	3.67873684	3.11501658
2.58822417	2.69806905	2.39393055	2.37257271	1.89816218	2.17701404	2.36119694
3.50811335	3.85763939	3.81670151	3.82017151	4.89050756	5.26655747	5.12980032
0.44324267	0.30136824	0.22477516	0.05764871	0.90926394	2.20869202	2.28802521
4.82877527	4.82254747	4.54386057	4.34632812	4.46040946	4.86477916	4.26580208
3.27298695	3.89323155	4.22059018	4.50320189	2.86126561	3.42911621	3.39465019
1.00E-04	1.00E-04	0.08901083	0.25819154	1.00E-04	0.20839209	1.00E-04
2.6124514	3.1123734	3.52150235	3.67514088	2.30816306	2.12065766	3.21279059
1.00E-04	0.21891651	0.26115322	0.25046391	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57058393	0.60612499	0.2623014	2.82045252	3.21710788	3.07376773
3.62229999	3.76436751	3.54333045	3.60198297	2.77664388	3.40656729	3.30515184
3.95537136	4.42817557	4.16069782	3.70668277	5.93704002	5.5054128	5.03302256
2.12697028	2.1673562	1.85626495	2.01187586	2.49385218	2.73633353	2.34447442
1.00E-04	1.00E-04	0.0962144	0.15049189	1.00E-04	1.00E-04	1.14420926
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55232953	2.83928194	2.80574066	2.75363951	1.42428601	1.98344053	3.22722748
2.09623997	2.34616909	2.45836011	2.72250125	0.89019784	1.60648114	1.91998976
1.4537507	1.81810108	2.60331858	2.42297932	1.04097974	2.21367253	1.27364747
1.01887496	2.09200196	1.78866092	1.95354239	0.92703026	2.15758313	1.05130366
0.65715568	1.75152556	1.77857106	1.52622628	1.09584678	1.50648652	1.84326046
0.70922482	1.39224009	0.91195784	1.14780386	1.10070734	0.84460016	0.88500368
1.00E-04	0.9952186	0.76559652	0.78043933	1.00E-04	0.31666865	0.39668824
2.36259399	2.54097513	2.61695051	2.82734288	2.40925255	2.50878293	2.63957929
1.00E-04	0.57369863	0.38269763	0.05614325	1.00E-04	0.47787378	0.77879648
0.49982128	0.41227281	0.56070889	0.58513055	1.00E-04	0.35874068	0.82796482
3.01130387	3.25373151	3.51143427	3.48574163	2.76099712	2.37946481	3.20794775
2.73593623	3.5270026	3.68376905	3.70561622	1.72495581	3.04854485	3.57794434
0.38796739	1.00E-04	0.86765479	0.73449224	1.00E-04	0.96149604	0.31424664
3.36515864	3.4266361	3.78318174	3.83849691	2.85128977	3.86117446	4.15292191
2.51371523	3.23621092	3.47493328	3.59479568	2.36754936	3.02716117	2.93575213
1.1514603	2.4840264	1.31366228	1.774471	0.74462267	1.24716972	1.03231191
1.74876356	2.64124482	2.16470903	2.26490312	2.77050619	3.25728131	2.68879987
1.70721262	1.76530137	1.5685733	1.36996146	0.98218198	2.31752828	0.65558596
1.00E-04	0.96017469	0.19148279	0.03415152	1.00E-04	1.00E-04	1.00E-04
0.58646564	0.88862721	0.52662178	0.68821662	1.00E-04	1.20841914	0.1878984

1.00E-04	1.06853007	0.99140811	0.69758503	1.38013406	1.00E-04	0.62490615
1.75734265	2.22865243	1.98351751	2.07446703	2.29501801	1.56380404	1.93415921
1.23715847	2.2979854	0.89336328	1.28124701	0.52474525	1.96670428	0.55170903
0.873592	0.83312601	0.67511026	0.64144824	1.00E-04	0.61904659	0.40465359
1.00E-04	0.62841661	0.32766228	0.10971612	1.00E-04	0.64381443	1.00E-04
0.17061638	1.30376595	0.83588833	1.1914167	2.27463303	2.23574112	1.63332626
0.38828318	0.95908641	0.50776073	0.56124982	1.00E-04	1.3823909	1.09509465
1.21992992	2.24472872	1.32159357	1.51609731	1.24188672	2.74875832	1.97521568
2.47061343	2.79633029	1.77977168	2.127674	3.29725837	2.74950113	2.61481718
0.87471683	1.064482	1.14758592	1.32595685	1.4718588	1.41141416	0.81010432
1.39265649	1.13368211	0.41283962	0.68038006	1.00E-04	1.40668926	1.00E-04
1.72517332	2.40761276	1.92212965	2.2665611	0.67291405	2.68225949	2.04808729
4.01739771	4.11620653	4.0068148	4.13230493	3.72745675	3.54338268	3.74254265
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48470081	0.36895465	0.51048648	0.46011539	1.00E-04	1.20776887	0.4189923
1.00E-04	2.06377466	1.34104455	1.20730411	1.00E-04	1.73190498	0.63346963
1.00E-04	1.00E-04	0.11841411	0.12867381	1.00E-04	1.00E-04	1.00E-04
4.15279431	4.69543555	5.54901384	5.03037816	3.63520395	4.52541635	6.35060847
4.89355254	5.20259637	5.12730768	5.06173609	4.76101456	5.0261697	5.06893441
0.56628959	1.48313147	0.44397656	0.54100542	0.55964322	1.18541916	0.38238379
0.36405591	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.46390642	3.45374893	3.15723721	3.3058907	3.63122321	3.64887692	3.2408423
4.82661667	5.10710072	5.89586101	5.94178344	4.35968967	4.54602678	5.79747907
1.89951077	1.89831595	1.71691587	1.79746997	2.57353447	2.30473273	2.80756131
4.83801483	4.85106543	4.52646705	4.60694632	4.66619792	4.90501177	4.41349067
1.35001483	1.80147361	2.41892028	2.54998447	1.98577592	1.14716558	2.73756979
0.60851165	0.51830743	0.23918618	0.19450641	0.41241033	1.00E-04	0.63659925
2.97647781	2.16513105	2.8249089	3.39884005	1.00E-04	1.00E-04	0.4189923
3.26607984	3.50939577	3.20435572	3.26296903	2.50495027	3.10719972	2.70543129
1.00E-04	1.00E-04	0.05807895	0.03689189	1.00E-04	1.00E-04	0.09464396
3.86200469	4.19241789	4.43725014	4.49818189	3.3218226	3.7563092	4.10499789
0.25106737	0.7759586	0.36410463	0.03407658	2.21914737	0.61320291	1.69509488
1.53699088	2.01562374	1.73185738	1.91880756	3.05949548	2.78138019	2.8681759
0.4763151	1.33843552	1.16053605	1.38622117	0.67168427	1.22120376	1.00E-04
2.58756531	3.12962379	3.23866206	3.32573011	2.37081078	2.60937973	2.67742506
1.00E-04	1.00E-04	0.06763049	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45212872	0.8209898	0.94716794	1.06801412	0.85135337	0.43662056	0.28482166
0.97546137	1.63792006	2.12110735	2.28954747	1.00E-04	1.04923153	1.81105064
1.00E-04	1.00E-04	0.1341502	0.156959	1.00E-04	1.00E-04	1.00E-04
0.79567697	1.14200414	0.86178063	0.77512257	0.65910354	1.78579743	0.12174474
1.49843557	2.0500919	1.46909392	1.27704058	1.00E-04	1.94956559	1.27822712
1.88283019	1.9982861	1.70902609	1.81392341	1.74405152	2.14539139	1.33719094
3.13269057	3.06962827	2.84477087	3.04370244	3.1800972	2.81454942	3.09428713

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.35794949	3.27862354	4.10762301	4.29722512	2.06639051	2.89447221	4.00196994
3.0359246	3.54321568	4.28443217	4.39354984	3.4012237	3.90530614	5.43968567
1.97201607	2.23122832	2.46310922	2.39965464	2.28003949	2.24047567	2.67966855
4.86168605	4.9977256	4.6642025	4.61614858	4.93372571	5.09394479	4.71785038
1.59050202	1.62346974	2.08809316	2.07788988	1.39946631	1.04241287	1.76230002
1.667604	2.0609635	3.09989221	3.10204555	1.57766868	2.0033224	2.92245006
3.60316306	3.39170726	3.8452688	3.73783567	3.30446565	3.33159085	3.65054984
2.71908517	3.02392154	3.59150882	3.64476569	2.42723046	2.7946767	3.30856606
1.23311318	2.08421645	2.6200915	2.81143528	1.70553092	1.30004518	2.46296771
5.15512642	5.31548233	4.95803624	4.94389	5.36697918	5.43399026	5.24371336
3.79281172	4.01244217	3.50959189	3.53722061	3.87434933	4.10240574	3.74722548
6.31336209	6.46113696	6.19937365	6.21583577	6.45798584	6.56989828	6.3605642
4.71573746	4.62791759	4.6607085	4.58328112	4.0453283	4.13492641	3.39895182
4.42769407	4.71079449	4.37975798	4.42640716	4.88351683	4.92351551	4.74660261
0.97920666	0.53923191	0.60963083	0.5089678	1.00E-04	0.66776439	1.00E-04
4.79597269	5.06709678	4.46377002	4.64502792	4.70620049	4.71588113	4.22813917
3.94462872	4.80675692	3.86634603	3.77328039	4.92973402	5.31856469	4.87840664
4.55606767	4.61576106	4.35313733	4.36272299	4.6289778	4.675566	4.24743092
4.81561268	5.07940528	4.829166	4.81219757	5.74090799	5.75618263	5.44363481
1.00E-04	0.27795064	0.48106821	0.46210717	1.00E-04	1.00E-04	0.77100465
3.12563915	3.58726811	3.06355716	2.96876639	2.78985445	2.81944402	2.7104477
2.24256355	2.36009884	1.95133758	1.78201351	3.40584566	3.27626121	2.92197387
3.45866547	3.31796701	3.22317143	3.20202191	2.94177896	3.19181618	2.76430381
3.77516966	3.84103347	3.53100858	3.57203845	4.13752048	4.03626874	3.20046912
1.00E-04	1.00E-04	0.10655308	0.04247534	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.35217313	2.28837873	2.70394319	2.38205992	1.00E-04	1.61534791	3.69995169
1.26002218	0.83151875	1.61105753	1.95740132	1.51844795	1.779959	1.64851682
3.89406859	4.21119204	3.71094202	3.69984555	4.22169354	4.38309413	3.92929805
4.67888629	4.6708027	4.5924108	4.59082752	4.01321034	4.56003494	4.1060686
2.56380703	3.12231734	3.15103541	3.0942691	2.90610905	3.00383012	3.19637998
4.07838084	4.60279694	5.44860892	5.07887344	3.6752732	4.42972389	6.00385371
3.25357775	3.23024607	2.85060899	2.79308743	3.72457277	4.04368795	3.48451766
2.85528018	3.232017	3.25923876	3.37632787	2.02648551	3.06215203	3.05162134
1.00E-04	0.62145195	0.19802772	0.32877866	1.42025889	0.43385867	1.00E-04
4.06982808	4.40317334	4.14832894	4.11763751	4.46642282	4.52877168	4.29962757
2.16695729	2.04882317	1.69782181	1.52696235	3.28639028	2.08948172	1.93323422
2.49719575	2.68691246	2.08247498	2.14295045	2.52590291	2.01760632	2.22891282
2.79520488	2.84558785	2.79380134	2.88051858	2.87183893	2.32947076	3.06858361
3.00598208	3.46954926	4.12248837	4.21480588	2.85794696	2.78691598	3.99663163
3.39237269	3.39050496	3.46901328	3.67841613	2.65111214	2.87285667	3.34520398
1.34578728	1.48994347	1.58248814	1.51658704	1.71731292	1.17216357	1.51300956

3.71144678	3.93273119	4.40627043	4.46045966	3.55647735	3.74982978	4.27952961
3.68370301	3.73507284	3.75101669	3.75946681	3.63651911	3.58546469	4.04936577
1.00E-04	1.00E-04	0.05850851	1.00E-04	0.61856275	1.33118531	1.00E-04
3.18757175	3.81028081	4.13249199	4.28486181	3.15570987	3.70958346	3.87456806
1.70691624	2.03037401	2.40118972	2.13380916	2.10735642	2.17173415	2.49889549
3.15892798	3.19311851	3.20520122	3.37738814	2.52245665	3.47830081	2.6561889
1.80395726	2.06007274	1.4658221	1.60023402	0.59189493	1.16951896	0.23172291
5.53481406	5.24270743	4.96401421	5.15745022	5.63675622	5.89408258	5.34819621
0.24366832	0.68794706	0.16904313	0.05797156	0.35320673	1.3923972	0.71567017
4.30298372	4.49429352	4.58687613	4.32928251	4.3799146	4.44270259	4.43585312
2.92230507	3.13394594	2.98061562	2.78863741	3.08968303	3.49602563	3.19420836
1.00E-04	1.00E-04	0.15071097	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77626339	1.44818864	2.0639586	2.02601388	0.40975599	1.42322556	0.81660395
1.97236289	1.71286178	2.3880484	2.23629214	1.6211676	2.12219643	1.49377561
1.38983571	2.34668934	2.3084555	2.55639394	1.06561063	1.97801611	2.21548825
2.84477943	3.11703477	3.38493544	3.3883123	3.00881184	3.05736791	3.05171401
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67862959	0.36299531	0.10791339	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06381971	0.12555337	1.00E-04	1.00E-04	1.00E-04
0.76093732	1.01039809	0.24574591	0.13583862	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3102079	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39960684	1.91142489	0.88660223	1.52724447	1.00E-04	0.11293056	0.19124552
0.56361339	0.38468475	0.09032581	0.20973308	1.25790138	0.23689648	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.38551225	0.04622993	0.06272016	1.00E-04	0.89742647	1.00E-04
0.97310398	0.31251639	0.64064754	0.3584293	0.8815189	0.48275285	0.51966095
1.00E-04	1.00E-04	0.0807797	0.06363415	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.12159003	0.17715029	0.11866412	1.00E-04	1.00E-04	0.28948344
0.61653742	0.62310365	0.04489507	0.21958707	1.09567693	2.49747724	0.88236171
0.83968749	1.00E-04	0.40117426	0.13378366	1.00E-04	1.00E-04	1.00E-04
0.19366475	1.00E-04	0.36988586	0.32886445	1.00E-04	1.00E-04	1.00E-04
2.24345264	2.39633011	1.52283536	1.74826166	1.67095687	2.20708434	1.9981372
1.97220191	2.61346318	3.40893544	3.58339083	1.71454947	2.34571458	3.09081163
0.75036471	0.78942098	0.56769308	0.32435294	0.95488972	0.82698171	1.00E-04
0.32656027	0.1570972	0.25258063	0.26318867	1.00E-04	1.00E-04	1.00E-04
0.39948227	0.54970048	0.53253488	0.86165243	0.65910354	1.14528928	1.00E-04
1.10657263	1.98355222	1.89095239	2.0812855	0.40912496	1.03374759	0.78900113
0.24487091	1.00E-04	0.28636353	0.37580856	1.00E-04	0.23105475	0.79223293
1.00E-04	1.00E-04	1.00E-04	0.04642607	1.00E-04	1.00E-04	1.00E-04
2.0592487	1.87550444	1.87577841	2.10324889	0.7087317	1.37362733	0.58908497
6.7493711	6.862552	6.31294126	6.18309883	7.05684734	7.30376968	6.53363704
4.40854419	4.58040546	4.47256253	4.47410096	3.61839724	3.40088757	3.12588498
0.24840909	0.78774306	1.18678737	1.20488298	0.65823999	0.58592028	1.12852066

0.91403036	0.99829008	0.60993037	0.70141476	4.17418095	3.71696456	2.8799602
0.86241036	1.43371453	1.46625991	1.47472283	2.5124084	2.33389168	2.89147467
0.38467718	0.11033993	0.04869014	1.00E-04	1.00E-04	0.22939333	0.47232635
1.00E-04	1.00E-04	1.00E-04	0.11335183	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06695938	1.00E-04
0.52842343	0.67448166	0.75853644	0.47658812	1.00E-04	1.16741721	0.220236
1.61642706	1.98381391	2.26300305	2.17021222	1.94751085	2.68397868	2.99044616
1.00E-04	0.25232741	0.10612209	0.1278282	1.00E-04	0.41285312	1.00E-04
1.17135758	1.91245416	1.06578502	1.60749086	0.40975599	1.97585816	0.62744434
4.08336709	4.4168341	4.02332114	4.17753993	3.7543546	4.44964844	3.67545663
0.21404326	0.46814983	0.04057459	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45799871	0.64876091	0.7878492	0.7706409	0.40975599	1.15037931	0.35828989
3.71091245	3.92232808	4.03269466	4.03430089	3.81863257	4.13316456	3.98085203
3.49437665	3.61025607	3.2126454	3.3167066	3.26344036	3.60503387	3.26889229
3.52295578	4.25557297	4.52236207	4.72639643	3.7017482	4.00364345	4.58863349
2.16150658	2.96017232	3.22833629	3.1640356	2.91146884	2.77707081	3.39311494
2.65186077	3.39313958	3.77879522	3.70964156	2.83168391	3.19458118	3.89624358
3.20811773	4.05363424	4.68747022	4.83149708	3.14092432	3.23432091	4.3800294
2.12214146	2.53722367	2.50888852	2.52556622	2.16611187	1.87313182	1.90118691
2.4588058	2.67552503	2.68389256	2.76422954	2.15577142	2.52417893	2.56402547
1.00E-04	1.00E-04	0.04589078	0.57717473	1.00E-04	1.00E-04	1.00E-04
3.35366152	4.10253137	4.69017093	4.87625322	3.52687516	3.87138084	4.70776406
1.00E-04	0.32794774	0.42370053	0.2534022	1.67010461	1.57965667	1.661414
0.21690073	0.31112955	0.67279512	0.57327409	1.00E-04	0.99514168	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89647729	2.9650796	2.82915311	2.95328554	2.87875945	2.7651583	3.15211986
1.00E-04	0.18777239	0.15726186	1.00E-04	0.98543165	1.00E-04	1.00E-04
0.98278725	0.69287541	0.47602804	0.66170658	1.00E-04	1.00E-04	0.23204834
0.43285416	0.41198303	0.57064606	0.40979704	0.74577637	0.86314501	1.26782151
2.36548159	2.35507344	1.67910394	1.99853307	5.04006321	5.1637182	4.78991971
1.00E-04	0.26746652	1.00E-04	0.10710081	1.00E-04	1.00E-04	1.00E-04
0.20240821	0.40211928	0.32163764	0.28535924	1.00E-04	1.00E-04	1.00E-04
2.13219758	2.38696144	2.89793132	2.90470581	2.43956583	2.49090641	3.05653374
1.98288814	1.95390933	1.69295889	1.40374474	2.41947882	2.56166695	2.23632472
2.39352756	2.62388791	2.59678638	2.84419845	2.50582459	3.19903222	2.73506575
3.76315213	4.18718737	4.2101158	4.24850292	3.76603674	4.57686157	4.45949561
3.7719839	4.15833447	4.40267644	4.46797879	3.81969366	4.09748437	4.29526172
2.27914135	3.06368118	3.34162269	3.3196632	3.10928527	2.62687624	3.63955174
3.12466141	3.42833927	4.03226697	4.01828533	2.63531062	3.36793537	3.69710398
2.83300914	3.73222101	4.24520562	4.5560919	1.90158327	2.83464513	4.36210825
3.9893517	4.69254206	4.69470668	5.10871161	1.64953915	2.03894155	2.34359802
1.73268304	2.03252025	1.39368939	1.25158626	2.08122412	1.48104928	1.13209558
1.00E-04	1.00E-04	1.00E-04	0.0601681	1.00E-04	1.00E-04	1.00E-04

3.5987749	3.64366192	3.77619185	3.82943788	2.54089667	2.7558952	3.71663156
0.24390788	0.46051076	0.53525552	0.67040875	1.00E-04	0.28191199	0.78527245
3.21081297	3.46111157	3.08863866	3.10382801	2.52315676	3.22669968	2.90487171
2.41066672	2.08857812	2.11187171	1.94479213	1.61248148	1.42855504	2.14518788
1.47927063	1.64449879	1.57304505	1.48244907	1.00E-04	0.66040163	1.34184343
1.26663326	0.92420833	1.27584442	1.10784259	0.91860094	1.01351306	1.03056761
4.15388994	4.2860315	3.92833881	3.89009436	3.9212875	4.05019231	3.95202002
0.47477996	1.28996572	1.56302049	1.41215621	1.00E-04	1.83833384	0.85851209
4.18387088	4.70415901	5.15607325	5.30326298	3.20041134	3.58869858	4.07019796
0.95506515	1.67264156	1.30880443	1.53585651	0.65823999	1.17431117	0.89809311
1.00E-04	0.53552744	0.86794956	0.6872009	1.32457871	0.36619253	0.27485202
1.75658754	2.89863091	3.29324215	3.07227903	1.75136909	2.32187402	3.29838826
2.60526298	2.83935757	3.92972259	3.66436765	2.94126469	2.88543167	4.05775148
5.24808221	5.38401377	4.91161734	4.77098102	4.97789581	5.38760499	4.61500906
5.04423904	5.25012948	4.92271391	4.77592264	5.45257744	5.57155676	5.11078313
3.02859768	2.842612	2.94970437	2.96912063	3.32113476	3.34018257	3.05711753
0.60677961	1.09535732	1.07707874	1.04540839	1.00E-04	0.491838	0.87199838
0.26269535	1.02361871	1.06020726	0.78632909	1.00E-04	0.70436203	1.00E-04
1.00E-04	0.29105365	0.5588311	0.64307172	1.00E-04	0.80939382	0.66402401
3.30484556	3.21537258	2.9245942	3.22897314	3.14936427	2.83878618	2.77692278
0.67093574	0.59250978	0.45005249	0.16051589	1.72158311	1.12815047	1.03233097
1.00E-04	0.98615619	0.07678212	0.35888161	1.00E-04	1.00E-04	0.15149617
1.21904523	1.51150172	1.33883714	1.15736488	1.12253946	0.59697291	0.28336712
4.04958361	4.15167875	3.88749674	3.84453875	4.32586332	4.33077565	4.06256621
0.94090142	1.33794371	1.03692454	0.90828699	2.94042099	3.36378372	2.98302982
2.33286563	3.0343874	2.13953427	2.36934673	3.91703212	3.74850775	3.43456349
2.97239229	3.27314133	2.77527852	2.89346859	4.30927496	4.01580983	3.87365631
2.876934	3.18383354	3.03701348	3.08110651	4.20891792	4.04841118	3.35649161
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25289728	0.12145478	0.2719399	1.00E-04	0.39543626	1.00E-04
1.00E-04	1.00E-04	0.15572827	0.0701706	1.00E-04	1.00E-04	0.40869447
0.48423699	0.22760809	0.41314316	0.45104324	1.00E-04	0.66364304	1.00E-04
0.71539527	0.98259322	0.86035873	1.09537653	0.72881829	0.88286526	1.11671828
1.00E-04	1.00E-04	0.0995949	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.04733506	2.13440737	1.98590892	1.89875112	2.45689728	2.19734534	1.5098322
1.00E-04	0.20470943	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04473082	0.03551391	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30872057	0.23424898	1.00E-04	1.00E-04	0.42221178
0.32656027	0.46931846	0.17189944	0.62531012	1.00E-04	0.93035396	0.86948137
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4043605	0.57347286	1.06324539	1.11851682	1.00E-04	0.43390465	0.6908588

1.00E-04	1.00E-04	1.00E-04	0.11099365	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.41873998	0.38939675	0.15712453	1.00E-04	0.81761935	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89099411	0.95515258	1.13601021	0.96571374	1.00E-04	1.24931949	0.50603382
1.00E-04	1.00E-04	0.11726124	0.0592497	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41680901	0.4227119	1.28005218	0.97415912	1.00E-04	0.22605887	0.73474918
1.00E-04	0.44727062	0.42943017	0.3703491	1.00E-04	1.24911072	0.20283809
3.37284848	3.57192931	3.88854294	4.12822208	2.89845124	3.67941236	3.78504179
1.17212068	1.35079433	2.1132805	1.5535918	0.97509933	1.06832156	0.95147121
1.00E-04	1.00E-04	0.063555	0.0601034	0.80006359	1.00E-04	0.16439448
0.31991784	0.28739561	0.1200625	0.16257973	1.00E-04	0.91184154	1.00E-04
3.18686953	3.30791054	2.95702021	3.15955326	2.58309705	2.22361434	3.09672638
0.20290409	0.59680062	0.20156194	1.00E-04	1.00E-04	0.40179705	1.00E-04
4.45472126	4.59801884	4.14758281	3.98317808	4.58850313	4.64618409	3.86249672
1.00E-04	0.80499	0.30217065	0.1911653	5.01939845	4.98897277	4.36367314
1.55628443	1.2612719	0.85619004	0.92897985	1.34825938	0.99372792	0.4509066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49169481	0.48977109	0.34121718	0.44201945	1.00E-04	0.95925869	0.59700858
1.53689539	1.83564538	1.72781924	1.89044347	0.44157893	2.27406798	2.49658933
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27665211	0.05382502	0.20089821	0.76174717	1.00E-04	1.00E-04
4.67971491	5.12059472	5.11760151	5.00097001	4.03971133	4.39629958	4.82549643
5.43528759	5.23123247	5.36475198	5.34260722	3.66844618	4.05932529	3.81361107
0.32260198	0.32450185	1.00E-04	1.00E-04	1.00E-04	0.82159847	1.00E-04
1.00E-04	0.51474158	0.32734397	0.42666503	0.80006359	0.21702837	1.00E-04
1.87747871	2.95749517	2.84839978	2.66083455	2.11500795	2.54634997	3.84225328
0.21092722	0.34262661	0.08898413	0.18423825	2.61808414	1.7410069	1.81026668
0.59282231	0.82499616	0.75814995	0.54244313	1.10070734	1.00E-04	2.26587576
1.82893615	1.08583536	2.166868	1.85818892	1.27249	1.58313237	3.38061005
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56163425	0.95031905	1.73712619	1.72872622	1.37697672	1.33161539	2.59263726
0.59422465	0.54030853	0.86777621	0.91831875	0.67865304	0.82805058	0.5316496
2.50832741	2.66381764	2.72075061	3.01646744	2.94326253	3.01556336	3.60508898
1.00E-04	1.00E-04	0.08747496	0.18624526	1.00E-04	1.00E-04	1.00E-04
3.34633566	3.50458144	2.96210933	3.31864431	4.5431462	4.64959867	4.34912177
0.61935334	0.24650687	0.78362133	0.74927901	0.84840873	0.50170541	0.98602037
1.69442592	1.94222335	1.31687748	1.13122196	2.89766411	2.79278567	2.64951578
1.00E-04	0.371977	0.28365506	0.68764709	1.00639663	1.00E-04	1.00282167
1.00E-04	1.00E-04	0.22968921	0.15190776	1.00E-04	1.00E-04	0.35462479
4.2078229	4.0112269	3.94927942	3.84593047	5.1863697	4.99777535	5.03088402
4.6017693	4.49546997	4.31598336	4.27132808	1.25075713	3.05543941	2.38590583
1.00E-04	0.78547338	0.60088171	0.63643755	1.361027	0.47045828	1.00E-04

5.33705937	5.39309138	5.25349518	5.21602305	5.18344435	5.50845984	5.10278266
4.58972891	4.67768532	4.29439176	4.24520341	4.39425219	4.46165109	4.29338916
3.54026101	3.26370551	3.00693108	3.0711183	4.09679304	4.53274714	3.89724065
1.00E-04	0.37234379	0.1498737	0.14585087	1.00E-04	0.68445427	1.00E-04
3.26309908	3.366541	2.91326721	3.07677325	1.56756981	2.09817673	2.61258215
4.68610048	4.63823955	4.67468629	4.77322374	4.71031563	4.59163392	4.5604015
2.84529935	2.80801158	2.5979547	2.58441281	3.21753363	3.36113009	2.93390592
3.02105025	2.97984858	2.98438179	2.96800701	2.81115197	2.68849828	2.46873059
4.06177494	3.94463201	4.00627803	4.05658547	3.96808645	3.95784211	3.84365702
1.42241521	1.79828827	1.35066308	1.2987127	0.40674922	1.67756995	2.21284113
1.62013617	1.4697687	1.63724469	1.75662469	1.50445035	1.86330135	1.53069681
3.66990781	4.1253951	4.10461545	4.15792579	3.5861523	4.28875563	3.75477118
2.07998528	1.95420561	2.3581529	2.46541887	1.99948168	1.94869182	2.84504603
2.36331796	2.57490579	2.88133636	2.92817387	2.57768066	2.67740496	2.58028895
1.06896404	1.22876098	1.4053887	1.57245055	3.66030559	3.5858699	3.69017261
1.17467354	1.77716291	1.09496902	0.88286223	5.20819902	4.90191864	4.57202526
3.22132796	3.71799086	4.10805597	4.11549186	3.3977853	3.80298305	4.02315716
4.46422071	4.55451201	4.28826724	4.2775874	4.36926713	4.35800744	3.8586039
0.74107994	1.46864374	2.01050925	2.07487049	1.00E-04	0.47764852	1.85022989
2.76929992	2.93912436	2.60979187	2.42669112	2.98484487	3.35053818	2.29192915
1.65588255	2.89897736	3.13639922	3.27917941	2.23548139	2.26906151	2.27360894
1.00E-04	0.38487437	0.29066402	0.2523852	1.00E-04	0.27972467	0.38790491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.56921693	3.82233169	3.62217654	3.6396974	3.48228038	3.83762261	3.46379928
2.9721652	3.35424798	3.23188025	3.25923346	3.0268659	2.5730808	2.62070234
3.461208	3.68112225	3.44952949	3.66743077	3.70113927	3.47816265	3.3625583
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82217801	1.16099238	0.65417961	0.85974887	0.34492066	0.38693821	1.00E-04
4.58592276	4.91209287	4.58094179	4.5645917	4.17060156	4.27497065	3.85199683
1.00E-04	0.16684567	0.13390231	0.14079179	1.00E-04	1.00E-04	1.00E-04
1.18792225	2.18688487	1.62709281	1.30004773	0.45889659	1.00E-04	0.48965307
3.76674105	4.34078816	4.84003645	4.93896998	3.91365245	4.57062633	5.26463136
3.32887308	3.50558952	4.0085091	4.00265004	2.80564888	3.12313268	3.26649983
5.08157061	5.1803022	4.81345763	4.86464035	5.38302344	5.26626341	4.89452206
0.238384	0.96194168	0.40990951	0.59511306	1.07694717	0.95074464	1.05249626
0.38467718	0.5188558	0.28066721	0.14427539	1.00E-04	0.69969285	0.70835358
1.00E-04	0.67561136	0.42620065	1.36881125	0.63609922	1.35156117	0.89569011
1.85257182	2.40851276	1.97037158	1.94533968	2.51116252	2.52507205	2.15342226
2.18394096	2.66074424	2.38285853	2.36865022	1.78241469	2.42370243	2.36818432
1.00E-04	0.29215245	0.34537097	0.23824078	1.00E-04	1.00E-04	0.24637457
1.00E-04	1.00E-04	0.12611018	0.09417402	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.22451825	0.05936079	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.83885633	4.88513228	4.54164312	4.67341903	4.58294001	4.65587699	4.5546794
1.00E-04	1.00E-04	1.27242632	0.82898204	1.00E-04	1.00E-04	0.43411522
3.13030689	3.34325453	2.97806523	3.41714143	3.68486699	3.64021102	3.50796615
2.81363031	3.20458844	3.26127768	3.43382208	2.66848523	2.68414922	3.13261156
1.15135938	1.51084609	1.77362162	1.78777802	0.81919368	0.95106583	1.61575263
3.63907439	3.75043408	4.02479514	4.17271407	3.6541426	3.69769772	3.60496303
3.89933547	4.15441534	4.25413239	4.25852246	3.78843202	3.81271216	4.01805216
1.77651512	2.12185186	2.50103794	2.50667299	1.41442783	1.58757705	2.1090916
6.35016473	6.306872	5.7729747	5.47510805	6.23922236	6.38168263	5.45798246
1.00E-04	0.70384001	0.43908713	0.34674871	3.49146614	1.26167216	1.42685906
4.04518641	4.24022501	4.38853701	4.44373951	3.3584901	3.76841428	4.15333936
0.75529228	2.64108846	1.02509276	1.40556376	1.40304239	2.60280664	1.16620517
4.07999552	4.27183765	3.66421552	3.64168767	4.29717695	4.56044942	4.34375045
2.60025064	2.89737128	2.71459915	2.97825632	0.81642207	1.91245418	1.69436651
1.05123822	1.44756289	1.24210493	1.24091258	1.00E-04	1.33988327	1.35547573
2.9037527	3.13339864	3.47458488	3.56403367	2.02416836	2.03141391	3.24276816
1.80579548	2.66806914	1.84627494	2.04387998	0.68552334	0.11293056	1.46300914
4.58030906	4.75858882	4.83829901	5.02427364	4.658411	4.80677203	5.18182903
3.99510597	4.0264957	3.99527042	3.91723193	4.36091011	4.80164339	4.79292632
1.13738572	0.91121472	1.06755969	0.60431452	3.86327558	4.17050536	3.87693505
3.50692007	4.05629943	3.42056962	3.37026814	3.57800654	3.77832047	2.87705854
1.5575048	1.68031957	1.57964759	1.80929283	0.77276495	1.31936066	1.92453914
0.77278014	1.00E-04	0.5165584	0.37143904	0.5982431	1.00E-04	0.23204834
2.02257207	1.11117069	0.6785729	0.75107315	2.90333371	0.89156326	1.00E-04
2.25060614	2.34794286	2.22378114	2.01396619	2.00020088	2.59829652	2.14588927
4.81750749	5.33351175	5.41781118	5.5110005	4.23929496	4.58135095	5.054304
0.21883945	1.00E-04	1.00E-04	1.00E-04	0.59189493	0.27606067	0.1989351
2.01319899	2.37598185	2.15936638	2.01237193	2.60712238	3.1033829	2.8000047
2.77703898	2.92115556	2.80446061	3.13986168	2.34327006	2.89770737	2.98242416
0.27968057	0.43952496	0.94497449	0.87789401	1.00E-04	1.20217916	0.76774151
0.40899574	0.14285049	0.11979265	0.03135512	1.00E-04	1.00E-04	1.00E-04
1.95196449	2.20051841	1.87070339	1.84521247	2.79829734	2.84786981	2.40565797
1.00E-04	1.00E-04	0.04942384	0.10610983	0.74462267	1.00E-04	1.00E-04
0.78111429	0.81335311	0.36829615	0.56143045	0.61235854	1.00E-04	0.16909838
1.00E-04	0.14884839	0.31807454	0.5869464	1.00E-04	1.00E-04	0.17349997
3.62795282	3.45442099	3.99624283	4.07144838	2.77957526	2.91794856	3.80627743
0.28044962	0.71557709	0.99398229	1.24969475	1.00E-04	0.33354783	0.32599971
2.08697986	2.0689855	1.20227785	1.95320986	0.24496797	0.82321391	0.68565106
3.47274715	3.88135252	4.34928067	4.41453875	2.99334163	3.10686985	3.85520172
0.17523629	0.69353684	0.39543516	0.24679508	0.84364795	0.30065849	0.30631903
0.45729882	0.06778941	0.02752014	0.2160727	2.16385565	0.64594566	0.60552054
0.53214285	0.63662849	0.25672202	0.29561144	0.44157893	1.09971085	0.96861962

0.86028646	1.49478583	1.63101174	1.62871148	0.52474525	1.68515545	0.32597388
0.49112722	1.48350407	0.4383329	0.44609427	1.00E-04	0.27371291	0.19124552
3.54858257	3.80909072	4.29030681	4.40386939	3.80810685	3.91433526	3.99580614
0.9905925	1.38823952	0.9669487	1.08138772	0.99438309	0.71948582	1.00E-04
0.70247871	0.97263888	0.61425225	0.63197985	1.00E-04	1.00E-04	1.00E-04
3.83676981	4.29228975	3.74488631	3.73487672	3.32053729	4.15366522	3.88047592
2.28384513	2.51643381	2.35482121	2.39955115	3.01502412	2.65247927	2.77759801
2.15731558	2.31097243	1.92153368	2.11686455	2.60625957	3.40351708	2.92108676
5.0251657	5.23338093	4.76591745	4.72448869	5.11479792	5.34798952	4.90881041
4.51039204	4.7331395	4.37046814	4.3068886	4.27660128	4.52139958	4.0868707
3.81521258	4.14298065	4.1199139	4.17092605	3.50841234	3.58789765	3.7260734
5.16378846	5.23221576	4.82477451	4.59606169	5.35250763	5.47560127	5.12958164
3.00077196	2.88310253	2.81084653	2.85922727	3.20029874	2.99722411	3.09870202
5.04100378	5.37536643	4.97148873	4.93638111	5.18839711	5.36317643	4.98314179
4.12363414	4.09514601	3.62888357	3.67468975	3.99732185	3.87391148	3.58874944
5.6645528	5.82124612	5.56001775	5.34510541	5.86351275	6.27647006	5.81658229
3.21790362	3.59910391	3.69371502	3.76516598	3.22928527	3.70131938	3.6592645
3.00855597	3.30351187	3.2783988	3.30140118	3.68634721	3.39317442	3.36776255
3.5227658	3.91582371	3.57420573	3.61191868	4.09642982	4.04822203	3.97517381
2.54652901	3.0893936	2.90322328	3.05859403	3.04958696	3.08092624	3.10244352
2.7243066	2.94815979	3.21934023	3.53081506	3.3635978	2.97011064	3.37939219
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93887184	3.23150286	4.01345683	4.01430326	2.91248516	3.19693419	3.91351485
2.89989177	2.99292308	3.51759961	3.52628965	4.59687352	4.5126446	4.64296326
1.78650672	2.28813424	2.48176084	2.42786994	0.64014361	1.69352528	1.2824694
0.44789914	0.42276738	0.3061491	0.83792881	5.18614984	5.11383582	4.54394262
0.2483487	1.2736496	0.61896032	0.51551963	0.68552334	0.42698816	0.56644791
4.95994433	4.9667228	4.61562048	4.60958308	5.16112658	5.24341937	4.9708477
1.93443151	2.40281527	2.24518918	2.5121858	1.29866352	1.82663499	1.9261137
1.14891198	1.11201404	1.24647779	1.08636636	1.67873308	2.12293114	1.37979071
0.92478852	1.24273483	0.79024394	0.98738636	1.43396334	1.58947745	1.05451326
1.00E-04	0.31782811	0.18434606	0.12509187	0.35320673	0.5864982	1.00E-04
1.94305419	2.06183782	1.86599931	1.72857651	2.92233256	2.63813976	2.65527109
0.62404821	1.00E-04	0.03176017	0.16574872	0.45086753	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06835244	0.06199666	1.00E-04	1.00E-04	1.00E-04
0.16882953	0.56019661	0.19489148	0.10402622	1.11305578	1.00E-04	0.13866036
0.79484127	0.87640922	0.46620824	0.38477721	0.94154644	0.32800835	0.220236
0.84194428	0.58528485	0.61403638	0.58946619	1.00E-04	1.00E-04	0.23172291
0.79905164	0.29738165	0.36314528	0.20461276	1.00E-04	0.29937888	0.50751015
0.6165038	1.36516265	0.84223319	1.12184325	1.62771574	1.98331396	2.03245339
1.95436788	2.38848661	1.41168625	1.5839168	5.56295199	4.43291161	3.37837464
1.39146565	3.286959	1.96236819	1.39020451	1.00E-04	0.57793282	1.00E-04
1.43922609	0.50001539	0.5791626	0.59148028	0.61280452	0.23689648	1.22213572

5.21013688	5.27395821	4.96495213	5.03200504	5.78842961	5.57308006	5.39874307
2.29972236	2.99379374	2.54599063	2.45352983	3.65126499	2.73342397	2.15574907
4.38446102	4.80527059	5.10206804	5.38657455	4.08618899	4.46027884	4.388975
1.93710349	2.1226529	2.98248698	3.1331389	1.4550413	2.35085967	2.83288204
1.16255685	1.86210917	1.71979483	2.03123314	1.53656915	1.15704964	1.9474909
1.00E-04	0.53484886	0.64919389	0.64056105	1.00E-04	1.16677699	1.00E-04
0.81140205	1.17478978	0.57700785	0.89177775	4.99333133	4.70314255	3.37841652
1.43919031	1.5449861	1.87679069	1.76031361	1.00E-04	0.45530528	2.69045735
2.7970198	2.95768759	2.57728905	2.87631492	2.94573594	2.80261102	2.82681017
3.34454816	3.72736254	3.53984223	3.45773837	3.46292855	3.47863985	3.37135649
4.10163696	4.1361977	3.72424673	3.71184123	3.85223039	4.02880365	3.29041338
2.90966293	3.00492054	2.82986969	3.01014437	3.10821571	3.44421228	2.80348585
5.88529943	6.00976969	5.65544652	5.53727989	5.68926422	6.05660472	5.57732785
3.81219164	4.09360621	3.6219238	3.54816511	3.99383753	4.0208176	3.43205777
2.44012811	3.0834558	2.74424957	2.65933325	2.44877168	3.56523694	2.89345943
2.31079874	2.78876677	2.89276893	3.07197412	2.72590861	3.01531785	3.21019493
0.56923083	1.00E-04	0.17358835	0.55106992	0.61280452	0.13071865	0.6171328
0.21375378	1.09606217	0.44045362	0.07122424	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.163473	0.26207987	0.16378259	1.00E-04	1.00E-04	0.780778
0.82390666	1.45599134	0.66576887	0.92308693	0.86021189	0.79493542	0.30631903
0.24887198	1.00E-04	0.14316601	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06771236	0.35576392	0.30016455	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05700795	0.20618357	1.00E-04	0.49381272	0.50396713
1.00E-04	0.10926787	0.19072228	0.04516577	1.00E-04	1.00E-04	1.00E-04
0.77871241	0.63366713	0.69642886	0.74206117	1.41676016	1.38809824	0.57951045
1.04642506	0.20089889	0.15900014	0.13209855	0.54828133	0.72294928	0.72488898
1.00E-04	0.24191202	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.60780777	0.11796287	1.00E-04	0.48823099	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14580799	0.10438075	1.00E-04	0.40752836	1.00E-04
0.56162952	1.88975314	0.73834825	1.4222987	1.14379378	1.39380617	0.59986639
1.00E-04	0.43881675	0.07742669	0.12975244	1.00E-04	1.02424346	1.00E-04
1.4611452	1.41476976	1.00244243	0.71876542	0.24496797	1.17346615	1.07995816
1.00E-04	0.2759053	1.00E-04	0.03592006	1.00E-04	0.55622895	0.17349997
0.21126039	0.50090951	0.16994374	0.1200579	1.00E-04	1.00E-04	1.00E-04
0.39060547	0.36627958	0.36695436	0.27802682	1.00E-04	0.8377779	0.1989351
1.18870599	1.6097488	0.98888756	0.4141344	1.00E-04	1.00E-04	0.74335119
1.00E-04	1.00E-04	0.53070673	0.75186832	1.00E-04	0.78673159	0.8412889
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23109052	0.78950694	0.23412062	0.07826627	1.00E-04	0.13071865	1.00E-04
1.2761951	0.59516713	0.08716089	0.33359917	1.00E-04	0.56684186	0.38794164
1.04986412	1.00E-04	0.22073745	0.29434608	3.32469078	2.59051771	2.43900382
5.08692694	5.45757566	5.11520912	4.98294366	5.39956339	5.64545395	5.4657489

0.50792769	1.09053254	0.97092389	0.96748928	3.91233913	3.39077036	3.52262635
2.17637678	1.55847207	0.73026768	0.86827535	1.90337988	2.91907434	2.05174539
1.00E-04	0.51252076	0.33766508	0.28964103	0.44085717	0.21391561	0.90920061
1.86325948	2.07575578	1.4014478	1.07521623	0.84840873	1.18130278	0.31441347
0.67492223	1.21569892	1.01037527	0.51184021	1.16028695	1.93809195	0.21495559
2.95315974	3.27542793	3.30290223	2.20100185	1.00E-04	0.1839207	1.00E-04
1.00E-04	0.10640763	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71683552	1.08583414	1.23198434	0.8716943	1.96425528	1.89125707	1.88861764
1.00E-04	0.26911032	1.00E-04	1.00E-04	0.24496797	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09359432	1.00E-04	1.00E-04	0.29050809	1.00E-04
1.00E-04	0.1310581	0.28518032	0.53587859	1.00E-04	0.19146001	0.79812914
1.19595046	0.7501474	0.61689328	0.56268892	1.27211521	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08350832	1.00E-04	1.41611722	0.34591941	0.52413781
0.73806142	0.54461311	0.50464239	0.49924951	1.13057689	1.54470469	1.08762723
0.29903155	0.35037793	0.04891156	0.1600152	1.00E-04	0.93544889	1.00E-04
1.00E-04	0.58149971	0.18458239	0.11648785	0.51102197	1.00E-04	0.19686018
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11653021	1.00E-04	0.64882992	0.28482166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28375456	0.33293281	0.49333834	0.50636528	1.00E-04	1.14941227	1.00E-04
2.86935994	3.3820241	3.16517039	3.21424724	2.20434845	3.95250118	4.6072782
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0.17300709	0.1623181	0.05643381	0.1950325	1.00E-04	1.00E-04	0.55337493
0.98071471	1.22317645	0.82285032	1.24417216	4.0658619	4.03687465	3.71383527
4.53780372	4.87303028	4.48490276	4.43041786	4.77590693	5.11100404	4.72512346
5.0356206	5.1843064	4.76129704	4.64096266	6.25644127	6.02540546	5.5688641
2.50549612	3.19917931	3.17885039	3.25595125	1.97058082	2.47872656	3.01656286
2.37792756	2.93067768	3.4382125	3.59283808	3.11359153	3.20981781	3.96903551
2.09236507	2.51132394	2.86191754	3.01900704	1.18013221	2.17518644	2.48360253
4.25587327	4.54017293	5.61059495	5.84338577	3.84977506	4.28085852	5.47959479
3.89587405	4.13142708	4.25879827	4.40895202	3.19120892	3.44559527	3.84965234
2.41977836	2.57374031	3.12701697	3.13582058	2.53070224	2.78216407	3.34612308
2.42924116	2.77975565	3.02698255	2.93756547	2.38148897	2.76752177	3.23793248
1.09050612	0.86336396	1.41360169	1.13059679	0.44340029	1.51651128	0.96691139
4.19543339	4.03450733	4.39860483	4.43683841	3.93060801	4.14716868	4.08632116
1.59027952	1.94200243	2.77910862	2.93466563	1.47985519	1.81975388	2.3159692
5.71823964	5.81740485	5.42787282	5.27372104	5.44061339	5.64061685	5.23311083
4.80925893	4.96239002	4.58061397	4.57179414	4.58451633	4.754203	4.43694294
4.22754578	4.30673761	4.21281429	4.26585989	4.15754805	4.34477473	4.04597378
3.50239738	3.94001118	4.0544703	4.17539318	3.58349645	3.60684505	3.82178213
3.73604842	4.0527079	4.79763033	4.79965725	3.51320262	3.9896429	4.64590828
3.46015512	3.58903131	3.42839741	3.44338637	2.96313963	3.38190354	2.74870463
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2.79474228	3.10061278	3.42233017	3.47245219	2.14282415	2.64031736	3.62432399
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3.73784717	4.15618128	4.51926985	4.59085572	3.97318288	4.18953284	4.58074957
1.51192627	1.80465486	2.39244897	2.54966891	1.57029019	1.81636471	2.38804744
3.37350344	3.31799248	3.42979307	3.41852096	2.63681706	2.84887204	2.35555805
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3.94358617	4.3082849	5.26531687	5.35516849	3.50595579	3.54776778	5.07333141
3.43535854	3.57633643	3.93182617	3.85757933	3.35366259	3.32582235	3.81379486
1.00E-04	0.17502219	0.38878119	0.36937944	1.00E-04	1.00E-04	1.98217155
1.93603932	1.720227	2.34863013	2.22420471	2.55851159	3.02850799	3.30006837
3.33209607	3.495742	3.62199652	3.84481181	2.89177777	3.50414084	3.34743184
2.53022586	2.78828715	2.88247438	2.84682375	2.11863845	2.53866297	2.87673191
1.57623993	1.82284935	1.8595361	1.99110559	1.95517392	1.68508311	1.99977341
3.01717501	3.40507091	3.3119401	3.45214226	3.09720234	3.50812352	3.58916671
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2.16736312	2.56461341	2.51499767	2.47582857	2.02411269	2.58057723	2.45294322
1.9434568	1.49322383	1.60841682	1.85469763	1.85072636	2.31769552	1.88746904
2.31201003	2.42991686	2.50007489	2.52598965	2.51569725	2.21180155	2.55584009
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1.00E-04	0.66762883	0.68825537	0.42569422	0.67410193	0.91762315	0.51430388
5.05805218	5.2663163	5.86020934	5.9351505	4.68396772	4.89630385	5.39462609
2.41268473	2.93993406	3.43060132	3.52818662	2.4021872	3.10100759	3.22947382
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3.49033902	3.03978443	2.78025777	3.09957709	1.26255792	1.87574528	2.44245054
1.00E-04	1.00E-04	0.05011446	0.07886269	1.00E-04	1.00E-04	1.00E-04
0.48232684	1.27973765	1.01635217	0.87675977	0.81392991	0.59324905	0.50512333
4.25228512	4.28525065	4.22161733	4.1909416	4.69702425	4.88855894	4.26676393
0.42380615	0.24233525	0.47736389	0.87653429	1.00E-04	0.6335546	0.3392339
5.21811342	5.51888213	5.7163542	5.61191416	4.93459632	5.13759619	5.41145307
4.28985374	4.50448642	4.03471666	3.91351405	4.15811242	4.6370906	4.18303068
2.63587069	2.77027522	3.25902019	3.29701381	1.64072033	2.5892093	2.77922931
3.38367368	4.02635395	4.88794291	4.91362893	3.13404484	3.38542865	4.66388321
3.69955323	4.10816584	4.80527779	4.84643351	3.73930159	4.16566719	4.78905352
2.98994168	3.58048435	4.33371435	4.44010018	2.75284149	3.1898915	3.9547498
2.82328782	3.29447428	3.71384056	3.75435183	3.0225332	3.55206801	3.42623831
3.21832292	3.40297648	4.05291832	4.27063889	2.74713826	2.704504	3.53687381
4.83722926	5.19636133	6.2858807	6.33016412	4.43815955	4.85646926	6.15407951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.79745992	4.22961901	4.99775992	5.10840895	3.21526097	3.50967563	4.94299149

1.00E-04	0.21554997	0.16555663	0.1739146	1.00E-04	1.00E-04	1.00E-04
3.40378306	4.05745258	4.87756866	4.90692384	3.05565494	3.74221406	4.7922335
0.28642711	1.00E-04	0.69070304	0.77111093	1.00E-04	0.45272983	0.43402282
3.95179155	4.31530039	5.45066179	5.48613295	4.041039	4.4418512	5.56369831
0.99779822	1.74953769	2.40778377	2.51812286	1.36570391	0.82423891	1.96182156
1.81631737	2.8356942	3.51122621	3.42253856	1.90707154	2.71123129	3.76618945
3.6443575	4.07351324	4.99587589	4.99729832	3.14976951	3.36340168	4.5766439
1.00E-04	0.10819332	0.60686333	0.61582459	1.00E-04	1.00E-04	1.00E-04
3.60605119	3.97705246	5.01009106	5.01784798	2.74019782	3.31231375	4.60077059
1.41107054	1.81022924	1.97836816	1.75771431	2.62717346	3.05142633	3.09485901
1.00E-04	1.00E-04	0.06104495	0.23771684	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20100106	0.03675484	0.08286193	1.00E-04	1.00E-04	1.00E-04
0.80849114	1.91404396	1.7152431	2.14104603	1.00E-04	1.46381026	2.15270052
1.00E-04	1.00E-04	1.00E-04	0.05599702	1.00E-04	1.00E-04	1.00E-04
0.21097841	0.20804237	1.00E-04	0.14023722	1.00E-04	1.00E-04	1.00E-04
1.51498045	2.52525532	1.90521322	1.77473446	2.42922482	2.50866932	1.47207364
1.00E-04	0.33046047	0.38912644	0.15129696	1.23058514	0.27972467	0.37328265
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10228662	1.19323247	0.73263368	0.75450088	1.24528013	1.00E-04	0.62903847
5.19695848	5.34364492	5.09849145	4.7755307	2.56965557	2.20886667	2.66800649
1.53779464	1.28424423	0.98150539	1.10761103	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04733209	0.08319727	0.08345584	0.4683059	1.00E-04	1.00E-04
4.43343089	4.1622749	3.91545409	3.86647433	4.49748091	4.38139409	4.13161007
4.19859797	4.4277621	4.0556267	3.83510653	4.68091018	4.65996686	4.49575716
3.97337057	4.28676835	3.90170327	3.72183664	4.41469385	4.86320244	4.48710874
1.99831515	1.32796746	1.49086149	1.13310124	3.69818091	2.04861953	2.0640083
1.00E-04	1.00E-04	0.37176426	0.74132238	1.00E-04	1.00E-04	0.37328265
4.86960795	5.05887171	4.62177529	4.59822341	4.85402211	5.17697908	4.76160186
1.56232548	1.49983907	2.06129084	1.96638358	1.41352134	1.13761576	1.48444539
0.40171885	0.29284568	0.1363255	0.1285286	0.48060496	1.00E-04	1.00E-04
1.00E-04	0.22151153	0.08542734	0.05848103	1.00E-04	0.24764169	1.00E-04
0.15695969	1.00E-04	0.14409421	1.00E-04	1.00E-04	0.13071865	0.44379634
1.00E-04	0.49890114	1.00E-04	1.00E-04	1.00E-04	0.06695938	1.00E-04
2.63072655	3.16793107	2.46723229	2.71283201	2.67510665	3.22997905	3.32556527
0.20935268	0.30402397	0.05596411	0.07356812	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.01647511	4.26209254	4.33250679	4.38206568	3.92608115	3.95738396	4.00875453
1.96955346	2.71881666	1.94823108	1.79636331	1.35394392	2.17670831	2.07205566
3.0841033	3.3370866	3.80645907	3.76640873	3.35409563	3.12685405	3.90782965
2.75000795	2.42248932	1.41502794	2.13808473	3.04980914	2.16331361	0.92407501
0.45462943	1.00E-04	0.16832334	0.23816639	1.00E-04	1.00E-04	0.220236
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22516966	0.32393735	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.83968749	1.2558228	0.33977012	0.73447793	1.69726961	2.94008526	2.51786694
1.83311736	1.84302746	1.29598761	1.48415284	2.09239952	2.00329808	1.43975503
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18208562	1.73588705	1.95899524	2.20277308	1.83932895	2.23917643	1.95195137
2.88786175	2.75110949	2.77986071	2.74213918	4.66839835	4.85252954	4.51425609
4.47771195	4.73249034	4.29541579	4.24631224	4.15503406	4.15592539	4.26419293
1.00E-04	0.37135576	1.00E-04	0.12244948	1.00E-04	0.19146001	1.00E-04
2.97853796	3.06016349	2.8468685	2.82241651	2.71898365	2.81835505	2.43652053
3.22605445	3.52287509	3.05209179	3.21980711	2.78554559	2.96627133	2.92688209
4.13498794	4.33180023	4.14852311	4.10673507	4.09783904	4.21566728	3.62318489
2.52268645	2.73254057	2.62335099	2.8854137	2.35408659	2.44261175	2.10540074
0.65977063	0.85912775	0.48526805	0.818891	0.24496797	1.00626949	0.80269001
4.34531016	4.13648086	4.02083657	4.0237459	4.34786317	4.20055098	3.89026881
3.34847339	3.57074165	3.38788781	3.34335658	3.3701223	3.66242614	3.51385738
4.71537621	4.45865048	4.38712986	4.19103933	4.59326242	3.82806205	3.93087457
1.85653371	1.83651091	1.13115849	1.44042822	2.14990227	2.08549028	1.47123515
0.20993402	1.06849641	0.28169784	0.40811262	1.00E-04	1.00E-04	0.17016891
1.14860056	1.00583975	0.77884219	1.08547216	0.51366621	1.09082411	0.38208197
0.14193279	0.83822143	0.97774726	1.16613159	1.00E-04	0.491838	1.11185868
0.70930627	1.73524685	2.27612386	2.12031946	1.61821666	1.83075404	2.3734801
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29138726	1.00E-04	0.06204482	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10265287	1.00E-04	1.00E-04	1.00E-04
3.94771478	3.53497334	3.76313314	3.91002042	5.62804229	5.52932165	5.49231936
1.27567849	1.08722176	1.24122507	1.07494312	4.79813348	4.54360315	4.20408376
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21693998	0.13436829	0.09678422	1.00E-04	1.00E-04	1.00E-04
4.35039041	4.24846157	3.92370687	3.7865614	4.69289144	4.06846313	3.65918956
0.16672782	1.09395837	1.36068132	1.47394008	0.24496797	0.96894728	1.74821363
4.93269949	5.14375484	4.72631156	4.83069091	4.45204797	4.62129453	4.26766412
3.35888233	3.37739905	2.84584926	2.86669026	3.60206786	3.81979605	3.20556044
1.74613673	2.25090061	2.14435253	2.09581028	0.82056047	1.40244494	2.2027228
0.24497454	1.07763601	0.64234432	0.87599813	1.00E-04	1.00E-04	1.29005316
1.00E-04	0.24976366	0.42492146	0.3070216	1.00E-04	1.02529627	1.04356108
0.49589825	1.00017431	0.70227114	0.6529182	1.32457871	0.64266456	0.59000257
3.85949397	3.59276547	3.58768322	3.73615716	3.00006588	3.19674778	3.68283375
3.5828233	3.62283924	3.3494142	3.3956788	3.52744297	3.68011427	3.71826044
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.13477337	5.25546332	5.00116295	5.01829604	5.34657397	5.48298963	5.30364853
2.11629235	2.23065836	2.47267709	2.45981386	2.12922728	2.15536013	2.68551368
1.00E-04	0.30061592	0.25746014	0.17112392	1.00E-04	0.41062688	1.00E-04
3.51224198	3.7074867	3.42445301	3.30075622	4.32676449	4.63224634	3.98474102
0.20993402	1.00E-04	0.03905475	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.76425345	1.15362403	1.10733467	1.55053932	1.21888127	1.91263825	1.03624081
1.68182316	1.61977325	1.37358504	1.07984999	1.89077171	1.91733976	2.60531168
5.81020147	5.82647589	5.443539	5.28322254	5.87438789	5.9455256	5.46462699
1.92528423	1.95224837	2.09117127	2.31523874	1.57890215	2.06041454	1.63369892
4.84904579	5.13559575	4.88554849	4.89841759	4.69297421	5.13132483	4.82016956
2.73496145	2.24037705	2.51005075	2.36710665	2.09304165	2.72003986	2.34089737
2.34369981	3.06642095	2.98421175	2.95897331	2.92020874	3.27395416	3.08561102
1.00E-04	1.00E-04	0.0599964	0.05741186	1.00E-04	1.00E-04	1.00E-04
2.35591853	2.87302673	2.89576659	2.90881658	2.10213275	2.6928754	3.10425751
2.01406108	2.56802429	3.04645213	3.18767869	2.44109484	1.47015051	1.44753078
4.37273211	4.47568432	4.43468357	4.29685558	4.41397393	4.82943532	4.4840083
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05671287	1.00E-04	0.25927897	1.00E-04
0.30064046	1.00E-04	0.17146745	0.21765	1.00E-04	1.00E-04	1.00E-04
0.20290409	1.00E-04	0.04369184	0.05550769	1.00E-04	1.00E-04	1.00E-04
4.3089437	4.61342832	4.28372886	4.20517386	2.01532838	1.97875304	2.32074889
5.60328902	5.7705168	6.83692887	7.09572515	5.56785744	5.50042938	6.75033061
0.54284923	1.25343723	1.28059996	1.57686858	0.69215913	1.00E-04	1.37228524
1.00E-04	1.00E-04	0.19149259	1.00E-04	1.00E-04	0.27261609	0.13285762
2.27899022	3.10462273	3.37462807	3.20387495	2.02945651	2.55043611	3.39322796
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03485412	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78742386	1.23170654	0.66140986	1.57990026	1.00E-04	1.00E-04	0.38505027
1.00E-04	0.61737781	0.3265574	0.18396308	1.00E-04	1.00E-04	0.16439448
3.88236667	4.14341843	3.88191024	4.03840969	3.80395733	4.65220141	4.40703423
3.2233749	3.27303114	2.9936831	3.16824071	2.99086445	3.2160494	2.5474231
0.18986072	0.57192228	0.36416223	0.3212523	0.60156552	0.27371291	1.00E-04
0.85144429	0.71344537	0.10528537	0.26420154	1.00E-04	1.00E-04	0.38794164
4.22381613	4.10383636	4.16456815	4.3798825	4.5149333	4.650229	4.30291301
2.89049589	3.10752339	2.87408034	2.8666759	3.04564306	3.15777738	3.49333853
0.87340962	0.391569	0.2558502	0.98834517	0.44340029	1.00E-04	0.44652664
0.58223856	1.26324535	0.73453341	0.46635376	1.00E-04	0.35359087	1.37456058
3.53040462	3.8387912	3.83130808	3.86498122	3.02314794	3.69849019	3.39875041
2.40182823	2.83366692	2.57847105	2.42454213	2.27476467	2.33338245	1.3062983
1.00E-04	0.24725176	0.20504085	0.04588496	1.00E-04	0.47354754	1.00E-04
1.62499148	2.37395859	1.8147242	2.07850132	2.12442679	1.99833271	1.78736125
2.78056314	2.48154928	2.2031415	2.46195845	4.269675	4.13317882	3.65941522
1.00E-04	1.00E-04	0.15048877	0.29803743	0.768034	1.00E-04	0.43366316
1.74445343	2.04434139	2.40902503	2.77876666	1.00E-04	0.36741216	1.32621012
2.23852666	1.68554595	1.85327431	2.06847102	2.25576103	2.51715067	2.42105044
4.08875994	3.96666432	3.68160959	3.47892373	4.11349525	4.34073858	3.97264169
2.70171512	2.56152857	2.68680866	2.8150971	2.82037551	2.70974459	2.46789117

2.55191263	3.02600129	2.70303392	2.8150611	2.32933242	2.69142486	2.6402901
4.63105226	4.98543468	4.45297481	4.29158508	1.71532771	2.69730121	2.72027007
2.5191983	2.95222557	2.70016296	2.70831559	2.25606941	3.01761837	2.9239641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25801411	0.3820521	1.00E-04	0.37871392	1.02026326
1.20684446	1.0649128	1.68990436	1.82259841	0.87300393	1.00E-04	1.34370793
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32383398	1.40781416	1.09944353	1.39282752	1.45874968	0.90978911	1.27155441
1.00E-04	1.00E-04	0.09830197	0.2494788	1.00E-04	1.00E-04	0.30101193
0.15020537	0.16133377	1.00E-04	1.00E-04	1.00E-04	0.26855651	1.00E-04
1.41898452	1.35676854	0.79755844	0.98650028	1.28280769	0.30728869	1.00E-04
5.33794597	5.47410097	4.91920318	4.98376631	4.95344856	4.91096189	4.44411868
2.16103023	2.1812443	2.59551911	2.33381674	0.96823831	1.00E-04	1.00E-04
2.43644505	2.36299598	1.8440403	2.01321124	2.815811	2.18938284	2.59668584
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25019766	1.00E-04	1.00E-04	1.00E-04	0.70446627	1.00E-04
0.92438063	1.23362594	0.76968811	0.87233908	1.43240845	0.78361979	0.91887482
3.42497125	3.29702174	3.104924	3.58282744	3.79413496	3.56583935	3.79018874
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52671164	2.06675584	1.96452993	1.71466875	1.32047605	1.68384081	1.74187376
3.60234519	3.88802323	3.70317974	3.72784809	3.71808044	4.24044181	3.99931226
3.87839434	3.95143045	3.77643765	3.90177432	3.95001869	4.03808978	3.91431868
2.06576982	2.29569383	1.99462447	2.17725913	2.15404304	2.60151246	2.45980152
0.33781522	1.35318156	1.25452379	1.14078781	1.00E-04	1.05110658	0.84342396
5.05041816	5.21262695	5.08286165	5.1427178	4.97086768	4.99879238	5.1508255
4.03094736	4.08712366	3.92821118	4.01676186	3.69536907	3.81369512	3.57132332
4.44791843	4.43268765	4.46780119	4.63235024	2.03558483	2.83723558	2.39277242
1.677364	2.41868179	2.35033765	2.26180142	2.96432805	2.84790391	3.60234819
1.00E-04	1.00E-04	0.23855819	0.51702536	1.00E-04	1.00E-04	1.00E-04
1.76204838	1.99230928	1.70567157	1.79974402	3.50171958	3.6467427	3.33826098
1.00E-04	1.00E-04	1.00E-04	0.1811925	1.00E-04	1.00E-04	1.00E-04
0.2446639	0.95350326	1.33664634	1.40310846	1.01493203	1.24029726	2.80796067
1.00E-04	0.61704034	0.52319596	0.44805002	4.42961015	3.64922753	3.26907173
4.9684953	4.93687164	4.82004215	4.75349017	4.89152215	4.70971131	4.710152
3.58031549	3.77181125	4.1795405	4.25728174	3.04174604	3.77694534	4.02295528
2.196808	2.58283605	2.94299189	3.09090514	2.42349008	2.23609654	2.69630808
0.41096788	1.55554849	0.92613834	0.87494084	1.00E-04	0.41121496	1.60580526
0.46919822	0.51904459	0.30603583	0.19912291	3.52567397	3.81157103	3.33037003
0.6189249	0.89821156	0.56607346	0.43200858	1.27652795	0.25927897	1.00E-04
0.93311435	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.15167698	5.55368074	5.25470472	5.25092185	5.43984761	5.49419281	5.27701847
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

4.0089291	4.01663185	3.89419511	3.75882886	3.92206549	4.42506587	4.38072292
1.65456228	2.68301106	2.26767724	2.17773228	3.10182455	2.38808063	1.97190615
5.2093136	5.4543175	5.00956536	4.88801336	5.45509286	5.69440143	5.2737062
4.41000437	4.33680091	4.23034946	4.32460745	4.57705039	4.52436891	4.13683688
4.318584	4.54267084	4.09267761	4.05649442	5.28855837	5.46264057	5.08760041
4.45504527	4.67010545	4.60306242	4.63811794	4.90433398	4.87768179	4.82414935
3.87270569	3.90681959	3.99258263	3.97177318	4.09778524	4.26172271	4.29366067
3.12529954	3.62455127	4.06495604	4.10653501	2.87612229	3.49740124	4.02608665
1.00E-04	1.00E-04	0.03240286	0.07431156	1.00E-04	1.00E-04	0.31424664
1.70161023	1.31996628	1.63377536	1.46935337	1.00E-04	1.00E-04	0.08557164
4.7034326	5.09541413	4.66163185	4.63872043	4.88998901	5.09167302	4.56443694
3.28283793	3.48715648	2.87572113	2.77438948	3.39605602	3.27348128	3.17822467
2.76791194	2.69554186	2.55993884	2.54349357	2.10347063	3.02020594	2.21785095
0.45078895	1.22874532	1.1667472	0.83421322	1.00E-04	0.64070434	1.00E-04
1.64239202	1.75129396	2.00092408	2.17926271	2.77046777	2.44439153	3.30981596
0.94386575	1.93461531	1.49817124	1.25482651	1.4514123	1.89131408	2.20536158
1.00E-04	1.00E-04	0.08988873	0.1966302	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89335401	2.2136771	2.98214215	2.61810086	1.23237062	2.48440752	3.67987777
1.76448368	3.47204949	3.69307526	3.21847958	1.00E-04	2.71156981	3.38368294
3.73341239	4.33174559	5.5997175	5.53323361	2.40226203	2.47800597	2.96044412
0.42958532	1.93036858	2.52076873	1.99088116	1.00E-04	1.78593169	3.20035591
3.57422067	4.30523516	5.22614242	5.14398662	3.86077666	4.49595199	5.7069485
2.4881418	2.08315507	2.58097838	2.6945084	1.76031065	2.05153138	2.3818783
1.51147441	2.05671245	1.69848017	1.95561521	2.13434488	1.83375312	2.0129863
1.73747085	1.74057978	1.34614536	1.2664642	1.21740179	1.70663713	1.4003241
4.25022911	4.2849644	3.89108423	3.9492584	4.31350166	4.2616488	3.85949
1.00E-04	1.00E-04	1.00E-04	0.03639712	1.00E-04	1.00E-04	1.00E-04
3.96940071	4.01263097	3.9228617	3.97652265	4.17076374	3.73189138	3.72105696
2.12354732	2.89809381	2.6691888	2.47712852	2.19527539	3.13698604	3.35200644
2.29908394	2.66870048	2.76183662	2.75031874	2.87106581	3.17975388	3.63728103
2.97248625	3.05007477	2.90030901	2.86808195	2.78480764	3.47206975	2.79657656
4.86981988	5.09661417	4.83429435	4.83299955	4.90659329	5.33034042	4.69423728
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.84582965	3.72195849	3.90033055	3.90403446	3.08236073	3.14830755	3.54920958
4.16856348	4.01507975	3.69910085	3.39886294	4.03598006	3.80359835	3.50179844
3.37744664	3.42670443	3.71246133	3.8171006	2.27210384	2.96805162	3.49412783
2.96125116	2.92880996	2.95450554	3.05222795	2.38004606	3.02783856	2.38481579
0.59380262	0.99073246	0.78945859	1.23373564	0.68552334	1.09518609	0.97709131
4.82859429	4.87920149	4.4891223	4.51964635	4.75916921	5.01097215	4.59316074
1.00E-04	1.00E-04	0.17322549	0.04572732	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.49450134	0.21234183	0.19899889	1.00E-04	1.00E-04	1.00E-04
0.95364493	1.25923659	1.24740212	1.18357564	1.05555205	1.4182197	1.44978797

2.50928196	2.42255693	2.17475875	2.57934423	1.00E-04	1.00E-04	1.00E-04
3.92375226	4.02982974	3.25515277	3.6607246	4.32992385	4.43582824	4.07942159
0.84015729	0.59645729	0.38647838	0.54993001	1.05772513	1.1861843	0.9671248
3.03314674	3.02197323	2.36721292	2.67026842	4.73366948	4.71150536	3.55237136
1.88038109	2.3072185	1.69361589	1.74559574	1.34224635	2.21291262	1.27224923
4.84498349	4.93049592	4.69848276	4.6253277	5.1399444	5.28451281	5.16994958
2.70734447	3.08459031	3.25581202	3.24239921	3.67393901	3.60228157	3.49754479
4.60277779	4.90832798	4.46829622	4.42218201	4.42373249	4.77232673	4.36872036
2.05646756	1.88668429	1.77149322	1.86845873	1.73687787	2.95332347	3.03013278
1.00E-04	0.36683529	0.48183308	0.4214574	0.38091442	0.53071688	0.08557164
2.44880049	2.32855538	2.47343678	2.33951997	2.18817882	3.02621323	2.79945294
3.39473155	3.62498483	3.42986418	3.27953366	3.54892693	3.52794045	3.25896502
2.12844638	2.52733342	2.13038285	2.10675495	2.00422347	2.45358154	2.64885957
3.87702468	4.09674233	3.90133783	4.00359935	3.33988253	3.60137395	3.61717254
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.38534986	0.37622803	0.44018891	0.79328163	0.35163059	1.00E-04
1.65867463	1.72734863	1.30213537	1.47514445	1.45331075	1.93923223	1.27680513
3.60448983	3.96548536	4.38369782	4.19932995	3.39218633	3.92089947	4.47719196
3.48600834	4.43592061	4.75916467	4.55749508	4.89348091	4.97969479	5.45286457
4.24177988	4.51616237	4.69482039	4.99620884	4.904164	4.88173066	5.29800956
1.28807236	2.03373477	2.59842725	2.10460218	1.43159752	1.30451287	2.55088813
1.00E-04	0.29403111	0.10470995	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05816687	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11379505	2.20125067	1.89264718	2.14617791	0.96879175	1.372253	2.7385251
1.00E-04	1.73140662	1.84796352	0.60627736	1.00E-04	0.67902129	2.68483489
2.62045171	3.00249368	3.10565813	2.97679538	4.91533386	5.19471064	5.48600316
2.59366494	2.2678901	2.11117736	2.08808272	1.84459494	2.82453634	1.95291624
3.12037942	3.25254298	3.5095854	3.69830114	1.00E-04	2.38495181	2.80460452
1.85769107	2.22323679	1.89598785	2.01430183	3.14626594	2.78293577	2.51371011
4.37074918	4.49159001	4.82385547	4.61557255	4.74589608	5.38569177	5.62402157
1.00E-04	0.05947039	0.54823843	0.73501296	1.00E-04	1.00E-04	0.70204429
2.59434482	2.87269083	3.80658609	3.64793523	1.00E-04	1.00E-04	1.00E-04
3.03453649	3.5805355	4.19515231	4.17671422	3.75763669	4.15010396	5.1354409
1.41787795	1.39351002	0.75715029	1.21536209	1.7336672	1.67176037	0.698204
0.64285996	0.63027069	0.27685752	0.4453223	1.00E-04	0.42698816	1.00E-04
1.90634672	2.05967806	1.6810299	2.00261801	1.34548764	2.34239379	2.17425744
1.59473089	1.97483279	2.5333645	2.59019977	0.77467054	0.77180949	2.22321465
1.60655141	2.46509135	2.34823302	2.28749535	1.83904668	1.74669821	2.11016262
1.00E-04	1.00E-04	0.30232448	0.29989562	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0496859	1.00E-04	1.00E-04	1.00E-04
0.56401311	0.83610359	0.86711472	0.95537248	1.00E-04	0.98836912	0.742528
2.48945813	3.00904195	2.30603425	2.17443243	2.6595611	2.38314666	1.52137226

1.70191157	1.27251489	1.30624211	1.13629905	1.00E-04	2.13947303	2.70008813
1.10226127	1.26448773	1.23636174	1.07847093	1.34729434	1.38478772	1.40992571
1.1736507	1.64233013	2.14608705	2.07638228	1.33403236	1.29112059	2.2393908
4.98298435	5.01364533	4.58271084	4.52775435	5.09913058	5.22410195	4.65042664
4.46829753	4.50192363	4.24402567	4.11095158	4.22071888	4.50343898	4.31668369
5.4116818	5.67770004	5.33363601	5.27988443	5.51961331	5.76485676	5.2665508
4.74123124	4.76434504	4.36022657	4.49061655	4.34637895	4.70468253	4.44662836
2.98765303	3.03445695	2.84863757	2.96419887	2.55755636	2.82867431	2.80649167
4.70667338	4.97699998	4.67949553	4.66215904	4.7546271	5.21759152	4.92165125
2.45035687	2.31359593	2.11621155	2.50685734	2.3310611	2.73729545	2.25682679
2.88467071	3.18830496	2.73940927	2.74807527	3.91096328	3.64951184	3.08325148
3.16580142	3.6434875	4.50137218	4.54235478	2.61548551	3.14282014	4.32630096
2.50073258	2.65081638	2.90992389	3.05307266	2.25232496	2.19804302	2.88641425
4.96057416	5.06344401	4.55992751	4.49685956	6.02125271	5.82584532	5.3884389
0.69400454	0.99167192	0.35848326	0.69177421	4.95925915	3.52858868	3.76544915
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.76424079	4.2260117	4.76397137	4.78400342	3.306271	3.77123789	4.56613319
3.68803295	3.86236925	3.68782893	3.81705616	3.85596924	3.8431317	3.47165258
3.26803088	3.92554402	3.84612011	3.81480838	3.58753396	3.98903887	4.09980704
4.68749786	5.05362183	4.76379481	4.68184679	4.49102349	5.10422479	4.70797124
3.85409068	4.05566322	3.73500656	3.72370641	3.9470445	4.55239823	4.29518625
4.64184139	4.98639719	4.59837058	4.44659037	5.09246835	5.11540952	4.7464804
1.00E-04	1.00E-04	0.04300726	0.10665094	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27077457	0.04598493	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.21753945	0.25603326	0.88019393	1.00E-04	0.54086741	1.00E-04
1.36482711	1.6142468	1.43074124	1.47657443	1.29845069	1.61573782	1.94043933
1.00E-04	0.1169307	0.25110818	1.00E-04	1.00E-04	1.00E-04	0.25788363
1.00E-04	0.90562214	0.17838815	0.20568716	1.00E-04	1.15820118	1.17277233
1.00E-04	0.81620062	0.50730335	0.44973605	1.00E-04	1.00871504	1.46741617
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1680928	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.36272403	2.68211422	3.17299541	3.09768001	0.8560749	3.04824374	3.82376037
1.14432414	1.56795504	1.81854845	1.53069911	1.00E-04	2.23398256	1.27341548
1.00E-04	0.26190299	0.32289637	1.00E-04	1.00E-04	1.00E-04	0.82330652
1.00E-04	1.00E-04	0.11619275	0.48119126	1.00E-04	1.00E-04	1.00E-04
0.77895031	1.53135109	2.73934491	1.31757631	0.67681892	2.10317585	3.36390288
1.00E-04	1.07270686	1.01029939	0.28019045	1.00E-04	1.03279547	0.82356525
1.00E-04	1.00E-04	0.13591216	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47576393	0.11677696	0.05552975	1.00E-04	0.12640632	1.00E-04
1.00E-04	0.17969399	1.27687408	1.23501124	1.00E-04	0.11240321	0.68721701
3.07399952	2.92907753	2.63643849	2.52635562	2.42064257	2.87976641	2.12924347
0.26029171	0.51137885	0.45785095	1.16505293	4.29586662	4.25593247	3.91983252

2.74115109	2.58428782	3.8136552	3.72337561	1.00E-04	0.21702837	1.00E-04
0.93529686	1.65363133	1.1823562	1.12990203	3.58263251	3.34897982	3.39045942
3.8547666	3.73925502	3.57848965	3.56104241	3.93333332	3.74402729	3.73756165
0.68457856	0.22952422	0.89945411	0.74524261	1.00E-04	1.32949555	0.70440105
2.1279461	2.00464887	2.21659092	2.27131332	1.98609746	1.64685952	1.51388092
1.84282107	2.35666796	2.13004425	2.27719806	1.9156706	2.55497288	2.94037584
0.36153968	0.4316682	0.39350921	0.18422585	1.00E-04	0.60095772	0.93053042
0.86674668	1.75813426	1.20134332	1.16258681	1.54242426	1.52549078	1.05862116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.47623173	2.80028312	2.953793	3.0055866	3.08860427	3.33025995	2.81290794
1.00E-04	1.00E-04	0.0655374	0.04257238	1.00E-04	1.00E-04	1.00E-04
1.86237589	1.88029257	1.73453112	1.59949739	3.89269924	3.35340086	3.5703351
0.26469911	0.93541629	1.17676116	1.16763086	0.51366621	1.17517243	1.09950896
2.32510765	2.12384881	2.9746661	2.99731173	2.01387747	1.94686208	2.65107106
3.68476636	3.9638762	4.86269291	4.80362888	3.13473727	2.78202673	3.82932433
3.41725504	3.48079288	3.39554692	3.43882775	3.56706742	3.7640584	3.52156896
2.39920625	2.65024128	2.85507264	2.95073716	1.95928968	2.28677828	1.17878353
1.08997306	1.41105754	1.71805007	1.85574567	1.54649913	1.37870882	1.2970141
3.01700154	2.94152722	3.24044648	3.32299586	3.39567644	3.52216401	3.4387566
4.30625455	4.37842228	4.18821695	4.06053451	4.69658066	4.80911344	4.78932476
1.01413174	0.83480215	1.20602714	1.5507286	1.49933694	1.13247789	0.55013878
3.79380893	4.14283757	3.99158519	3.81284663	5.6109938	5.7747096	5.81077184
1.19627405	1.03828461	1.47529552	1.1715882	2.6346416	2.90286891	2.16119662
2.8465034	3.53063356	4.23658133	4.26281793	2.59398434	3.2027718	4.06604458
2.71230075	3.04855704	3.34006113	3.32996323	2.41130741	2.6522726	3.19927248
2.55778269	2.41200031	2.38803496	2.22694013	3.46489569	3.46451693	3.64668198
5.53865646	5.72529511	5.39321963	5.46473412	5.96126041	5.73615388	5.553752
1.00E-04	0.20613046	0.21668466	0.48996537	0.69158286	1.00E-04	1.00E-04
2.4345944	2.70160305	2.96734499	2.75429527	1.84371919	2.03229868	2.41934414
1.73193016	1.68424195	1.59765747	1.58593348	1.16767017	2.11173351	1.44298928
1.00E-04	1.00E-04	1.00E-04	0.08063792	1.00E-04	1.00E-04	1.00E-04
5.07196235	5.16543488	4.90887652	4.93401863	4.62547536	4.82444145	4.5400878
2.77227578	2.7242874	2.61222637	2.84849789	2.10723133	3.09107236	3.02855615
0.42667492	0.53566528	0.4727502	0.32760914	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06263582	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03125464	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25871909	0.51121579
1.00E-04	1.00E-04	1.00E-04	0.04862277	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26500799	0.12506948	1.00E-04	0.27423953	1.00E-04
3.24855327	4.03855304	3.97335707	3.73305463	4.13699671	3.91840829	4.96090035
0.36390241	0.15361271	0.2111365	0.54584583	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04416663	1.00E-04	1.00E-04	1.00E-04

0.20534776	1.00E-04	0.19641152	0.03892089	1.00E-04	0.36174581	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18007483	0.08327555	0.05120603	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26458583	1.00E-04	0.19344189	1.00E-04	1.00E-04	0.50596147
0.88100489	0.30387096	0.06243371	0.09373789	0.51366621	0.54149531	1.00E-04
1.53631145	2.02377316	1.29913567	1.81570506	0.53515803	1.19892523	1.39191933
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13138728	1.00E-04	0.91248172	1.5474327
0.88464914	1.40839348	0.60989577	0.86947006	0.38488463	0.28191199	1.00E-04
1.62074526	1.03889229	1.30038977	1.30199848	1.51070231	1.55385796	0.90021638
1.00E-04	1.00E-04	0.05522865	0.05571794	1.00E-04	1.00E-04	1.00E-04
0.42757601	1.11708942	1.29846994	1.31716663	1.00E-04	0.12640632	1.16294068
1.61428944	1.55695	1.72529372	1.68768442	0.84144706	1.25028509	1.55470426
0.72572982	0.82347037	0.90050261	0.79878248	1.00E-04	1.25737592	1.70773881
1.00E-04	1.00E-04	0.04290436	0.04628768	1.00E-04	1.00E-04	1.00E-04
1.00377025	1.52626622	1.82025019	1.89940271	1.00E-04	1.44616006	0.62710311
0.22883831	0.44362835	0.81618378	0.689279	1.00E-04	0.95761864	1.00E-04
1.00E-04	1.00E-04	0.0434098	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63072297	0.07707022	0.36625185	0.31057214	1.00E-04	0.6426638	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.90388515	1.89514213	1.59278387	1.91383209	2.3156837	1.34873315	1.82324262
1.00E-04	1.00E-04	0.02412435	0.04133837	1.00E-04	1.00E-04	1.00E-04
0.70782924	0.90196171	1.13834119	1.23345418	1.48978247	0.4284064	1.13040897
4.49342124	4.15762519	3.77670268	4.03221592	4.55188159	4.55458018	4.48088537
3.15484754	2.53455314	2.27470492	2.91562717	2.00834279	2.19523336	2.1751146
1.00E-04	1.00E-04	0.05098846	0.18752106	1.00E-04	1.00E-04	1.00E-04
3.33371155	3.13710935	3.89914255	3.75610954	3.45728094	3.73427644	4.44093432
6.25079554	6.23400805	5.73204406	5.84735031	5.78722069	5.83206583	5.42909132
2.47797518	2.52147724	3.03352832	3.17617674	2.58179094	2.33825148	2.81543295
2.62561496	2.35561974	1.90185916	2.21395719	2.15809205	2.27907667	1.82005359
3.34608569	3.19547782	3.36986096	3.47089143	4.05406041	4.08685635	3.73416885
5.58646646	5.63824576	5.17637718	5.07800603	5.15800336	5.5057963	5.11693053
0.3351028	0.08159748	0.27167254	0.27179754	0.38530742	1.00E-04	0.27751596
2.8783279	3.12039106	3.50299569	3.64193626	2.35056278	2.89866308	3.27210537
3.65144264	3.69356639	4.19646117	3.94675956	2.22244972	2.82893121	2.79311469
3.99077984	3.99338161	3.52854711	3.75051682	4.49802109	4.29794197	4.30031747
1.00E-04	1.00E-04	0.04866379	0.05945136	0.48823099	0.12640632	1.00E-04
1.69829872	1.84327483	1.22678387	1.48453197	2.8035938	3.03840125	1.85735142
2.36183431	2.53213511	2.55797986	2.41237587	1.79501096	2.89299391	3.42767687
0.238384	0.47878295	0.55618784	0.31871473	1.39416975	1.00E-04	0.50706663
0.79814519	0.3397345	0.07998119	0.36843906	1.00E-04	1.00E-04	0.40434419
1.00E-04	1.00E-04	0.40313758	0.13487217	0.58708779	0.66182821	0.7372759
1.00E-04	0.2128678	1.00E-04	0.18550723	1.00E-04	0.61996741	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22787797	1.55542253	0.64540349	0.59468514	0.4683059	1.23891137	1.00E-04
3.09429231	3.75670368	4.63780819	4.6612671	3.01562844	3.41437428	4.42414429
3.90893565	3.90321035	3.6867896	3.64318584	3.88161378	4.32020416	3.84029923
0.87418464	0.95584556	0.74889283	0.78267339	0.44157893	0.45083223	1.42975145
2.76443187	3.2130734	2.78578392	3.13717482	2.82058449	3.06287815	3.05789544
2.19637114	2.44634548	2.90982925	2.86035861	2.78328899	2.58012028	3.24614933
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27052161	0.83802292	0.14236404	0.24085805	1.00E-04	0.35621081	1.00E-04
3.50517189	3.77143321	3.53602026	3.61369681	3.62105029	3.63429511	3.72984982
4.19558875	4.40103346	4.16417112	4.25126288	4.17164361	4.24333265	4.15961446
2.77435543	2.77658305	2.53219886	2.75716672	3.87615568	3.69472493	4.44725829
5.50358072	5.51620563	5.06366786	4.68696255	1.00E-04	1.51683135	1.44857067
2.76112908	3.37552135	3.08047157	3.23482742	2.62010421	3.01022417	2.94652872
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.10043036	2.87303584	2.78497308	2.87087534	4.82153997	4.52678597	4.39730677
4.52037763	4.68175081	4.3672997	4.49898477	4.31548621	4.78143083	4.65235141
2.14800012	2.45664748	2.16734276	2.51166226	2.9734626	2.47951094	2.03189683
1.00E-04	0.0839378	0.24714697	0.39048318	1.00E-04	1.00E-04	1.00E-04
2.96255162	3.01318273	3.25544211	3.40203437	2.68881299	3.3404674	3.37857184
1.00E-04	1.00E-04	1.00E-04	0.05671287	1.00E-04	1.00E-04	1.00E-04
3.97565595	3.81251491	3.96073711	3.96358591	4.13138656	3.96181515	3.62982256
4.46058839	4.90145785	4.96152639	5.03295671	4.33276326	4.72712095	5.12669406
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.23688835	3.49556859	3.47171388	3.27574658	4.01226307	3.97152432	3.76930605
1.9667891	2.21117302	2.01665545	2.03908489	2.05114149	2.9584101	2.2431926
4.00971145	4.33854726	5.23409061	5.41298789	3.42094571	3.86512505	5.21151315
2.50569523	3.10755005	3.19030165	2.85257966	0.45889659	1.29243037	1.70180303
1.24119885	1.42285767	1.14510648	1.08538393	0.61305258	0.42698816	0.27779818
1.54658513	2.54325014	2.97678992	3.07195069	0.70826379	2.40979299	3.5233867
3.16833352	3.39146655	3.53289231	3.67775599	4.29138247	4.75364886	4.5781179
2.22141678	2.86272947	3.1787596	3.42767636	2.65811151	2.69747573	2.80122813
2.45066243	2.33491891	2.29270465	2.4195281	1.38681785	2.29786721	2.39165533
3.01200202	3.50421699	3.11795471	3.20283065	3.21439838	3.33247924	3.20096694
1.00E-04	1.00E-04	0.0406789	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.35116947	4.55959081	4.13735082	4.04130992	4.51984485	4.56832215	4.22661942
4.71311754	5.05211955	4.66104163	4.65801362	4.83568657	5.05960489	4.88420896
2.59979554	2.56275558	2.80342326	2.81790914	3.28516359	3.12841632	3.39415002
2.86293971	2.74672057	2.75440604	2.93957201	2.21112001	2.27133624	2.09580963
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.55239413	2.74114289	2.60564698	2.67696723	2.52533022	2.91126309	2.97606647
2.93943052	3.35853894	3.16069164	3.24024625	2.84486291	3.11806481	3.06984915
3.11460662	2.77109694	2.59413781	2.69317795	2.21590039	2.48569088	3.01034852

2.6559781	3.07644468	2.35565038	2.55099887	2.58597118	3.26226131	2.81526207
2.90435266	2.63817352	2.57875215	2.59103016	2.94859717	3.10311215	2.83345167
0.85335799	1.77578334	1.00156201	0.8301193	1.14822388	1.68446347	0.49153553
5.04808848	5.30579891	5.11597138	5.09265013	4.59094663	5.12868645	4.84354497
4.85022849	5.03013073	4.58357738	4.52779095	4.83961586	5.23710758	4.7743633
4.14629735	4.41099472	4.2402377	4.4138661	3.7051432	4.25578707	4.16968551
4.16845289	4.15641639	3.7395468	3.7926741	4.04666295	4.00522484	3.98720491
1.00E-04	1.00E-04	0.12735963	0.11009844	1.00E-04	1.00E-04	1.00E-04
2.63969437	3.15882141	2.43509017	2.73954487	3.36484407	2.60499539	2.47216403
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55287343	0.99942923	0.60224163	0.73672752	1.00E-04	1.16480676	1.27926961
1.00E-04	0.25308029	0.30810945	0.22809126	1.99701169	2.43850077	1.99999327
0.68742704	0.80615319	0.48805304	0.27355699	0.40975599	0.83376335	1.00E-04
0.86853497	1.69747425	0.73269525	0.7302749	0.69043823	1.39321978	0.92677834
1.00E-04	0.30607252	0.4136363	0.3390119	1.00E-04	1.00E-04	0.39517675
0.92154009	1.11770763	1.11184461	1.04335449	2.63067373	1.83990041	1.00E-04
1.00E-04	1.00E-04	0.03713539	0.07879597	1.00E-04	1.00E-04	1.00E-04
0.58951808	0.26135941	0.20782728	0.23337385	0.74462267	0.79698789	0.7027844
2.26718803	2.30722379	2.4668262	2.10279107	1.01675966	0.43428558	0.44137513
1.18642837	1.16609687	1.65853778	1.90151504	2.12650582	2.80046224	2.35931924
0.29820791	0.79556489	0.40342103	0.21779213	1.00E-04	0.66061159	1.00E-04
1.20930939	2.20966581	1.28545121	1.03789233	4.41310457	2.64473713	3.08060544
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77066656	1.30142441	1.42043234	1.62847654	1.42367541	0.6177947	1.48078693
0.93702464	0.74416992	1.17375151	1.37589025	0.53515803	1.04503419	1.37309777
3.54940799	3.64848746	3.46643771	3.59856681	3.81790082	4.17229627	4.01009164
0.20902552	1.00E-04	0.08755445	0.17982702	1.35126521	0.16121801	1.72574906
4.39156753	4.64588487	4.17993199	4.19819924	4.15366371	4.70645943	4.2991686
3.0244193	3.49512077	3.0663313	3.17644173	2.99449559	3.657083	3.00944284
4.28074931	4.65599425	4.27889105	4.37187491	4.39605163	4.83287015	4.41327552
2.54541228	2.93932138	3.20160089	3.23158345	2.82653979	2.92173692	3.90858864
0.21654948	0.34971257	0.57574642	0.21403929	1.00E-04	0.62286641	0.16770769
1.83336545	1.98447193	1.80888878	1.96500154	1.00E-04	0.73129803	1.58394908
1.00E-04	1.00E-04	1.00E-04	0.06545236	1.00E-04	1.00E-04	0.18401526
0.33971235	0.22931551	0.38724481	0.23330421	1.00E-04	1.26088731	1.00E-04
3.08447751	3.15103147	3.33844242	3.32896695	3.49656708	3.42845284	3.40741533
3.23859757	3.18969254	3.13221313	3.23096599	2.40267548	2.83191774	2.79446715
3.27075095	3.43584264	3.76746182	3.94670184	3.22206344	3.22308133	3.57634307
2.94648802	3.41063958	4.21388572	4.3504432	2.65224853	2.72142324	4.23839226
3.88981235	3.93445814	3.53022396	3.75323614	3.86764237	4.13708445	3.70787551
2.58613961	2.55677449	2.51188242	2.74670152	2.47518435	2.63445101	2.30327066
3.2695364	3.55205816	3.34488805	3.35258517	2.98210204	3.3456559	3.53495742
2.55231002	3.00491454	3.63853134	3.75920314	2.41316554	2.06813281	3.64507547

3.5456301	3.77831865	3.71236147	3.67950642	3.49099021	3.92671467	3.85458007
3.81577628	3.78842272	3.35710084	3.29240187	3.5280408	3.59771544	2.95253197
1.84333933	2.35367412	1.61420483	1.39781371	1.91734851	1.85086404	1.81723183
4.03311211	3.89498694	3.54168767	3.5665151	3.88767462	3.78773833	2.93005994
2.98232778	3.24272779	3.45634278	3.46612081	2.92357887	3.02887717	3.7187556
1.00E-04	0.32810663	0.07139925	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.23761738	2.53107537	3.28691893	3.28836198	1.16846925	2.06508992	3.10501173
2.79167886	2.5034644	3.05920805	3.02934412	1.63517144	2.15564058	2.84418394
0.85016346	0.39809283	0.28465059	0.397362	1.00E-04	1.61281411	1.55533783
1.43483305	2.09991464	2.75360422	2.95655514	2.04596036	1.68956502	2.00906118
3.92747826	4.11874687	3.92679369	4.02367072	4.31675295	4.54787011	4.14827786
2.59556497	2.6999395	2.45261933	2.71073752	2.15816042	2.87314514	2.19526597
1.00E-04	0.07485971	0.36208608	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.32150662	4.50134796	4.13837436	3.98449316	4.62757426	4.71179498	4.79026482
3.99095203	4.12442982	3.94703272	3.96471532	3.73868398	3.98431772	3.48767387
1.00E-04	1.00E-04	1.00E-04	0.05682819	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58085098	0.12748994	0.13673297	1.00E-04	0.99584632	1.37722204
3.55986956	4.11372427	3.84970072	4.14076158	3.52843198	3.81656507	3.81485762
2.96871765	3.08333572	3.52773546	3.33798415	3.11442807	3.33270782	4.34875662
1.00E-04	1.00E-04	1.00E-04	0.05745908	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31424664
1.00E-04	1.00E-04	0.16684407	0.29746596	1.00E-04	1.00E-04	1.00E-04
3.57224683	3.9672932	4.58492563	4.58722968	2.8643986	3.70838254	4.50711531
0.43858798	1.45448249	1.10907231	1.02911814	1.00E-04	0.42442279	0.30631903
1.59381688	0.93781069	0.40403153	0.28287199	2.89921311	1.3766257	0.5350051
3.19576561	3.50312716	3.9647012	3.86537312	2.97502855	3.18879171	4.2182435
2.52637082	3.23659579	4.14567125	4.30624688	2.77867097	2.553268	3.98707472
3.829039	4.08340807	3.91731719	3.89379482	3.43028599	3.84328164	3.55116163
4.50090048	4.78317268	4.27348138	4.1719672	4.65264544	4.99696266	4.30082553
2.30100177	2.16068975	1.86149819	1.71714254	3.09323907	3.2879387	2.45603964
5.76072291	5.86445157	5.70668523	5.79307063	5.77567386	5.87820427	5.64692552
4.20552597	4.43719656	4.64944437	4.61209465	4.0969216	3.89475875	4.26919773
2.95776978	3.26016706	3.00713299	2.9230915	2.86280324	3.35609916	2.92607804
2.15757531	2.64683908	2.4311295	2.6759743	2.72217703	2.45513762	1.94987284
4.70124312	4.72452162	4.58118667	4.56972946	4.67051648	4.91919728	4.75820569
3.52460284	3.85873564	3.84837357	3.94937671	2.99675498	3.50463584	3.49831003
4.29488044	4.69396398	4.78113682	4.77051453	4.13889785	4.50152953	4.65874819
0.4524226	0.92236708	0.16128162	0.22490264	1.00E-04	0.79327599	1.00E-04
3.04554108	3.4279709	3.49738119	3.52589278	2.44540558	2.90942149	2.86262473
1.27563207	1.21225744	1.60728268	1.68189242	1.00E-04	0.91496156	1.65936225
3.64437174	3.79263918	3.00147199	3.17667687	3.72950473	3.93512648	3.35337147
4.5249227	4.80638589	4.9900723	4.92009859	4.2393439	4.73163778	4.86600474
4.18029645	4.29646234	4.23022964	4.22471333	4.28620709	4.44148629	4.11326939

5.59526949	5.52403437	5.3473481	5.32100257	5.5336064	5.55303665	5.32411473
4.57398294	4.59306113	4.81166613	4.48576142	4.52789313	4.74784435	4.68969006
0.75576972	1.00E-04	1.00E-04	0.14224769	1.00E-04	1.0828163	0.20772946
2.21314761	2.02379203	2.34803144	2.45660805	1.87284598	2.38803714	2.50035783
3.93848378	4.10361071	3.95422116	4.15668018	4.0158941	4.08208077	3.812446
1.00E-04	0.53572538	0.52233344	0.6336327	1.00E-04	1.00E-04	0.45550914
4.77506533	5.13147986	5.17892499	5.17238825	4.5326386	4.73117848	4.99542013
2.98280591	3.3605433	3.08731417	3.11669407	2.90545847	2.93408568	3.12883669
2.89021266	3.00832917	2.83268925	2.88817199	3.19347298	2.89029522	3.16154722
6.17463163	6.26376406	6.40792467	6.29647131	6.09273276	6.23182287	6.34758069
4.52616733	4.63006007	4.55506875	4.53694734	4.7651257	4.5732757	4.37126165
2.40475372	2.61842344	2.35850823	2.30346893	2.464305	2.84611244	1.94641545
3.56916064	3.86067671	3.55497373	3.63145022	3.63270294	3.89474759	3.50185135
3.89630298	3.97386592	3.87262303	3.95807342	4.03197491	3.6102303	3.75512116
3.25173346	3.12376779	2.82907192	2.81959213	3.1544986	3.22250781	3.12345823
4.12983454	5.012205	3.77877568	3.76380937	3.59058398	4.87439927	3.39241581
2.75087515	2.87451753	2.79208378	2.92125618	3.02584027	3.48227699	3.50618827
4.95778313	5.1348714	5.02454486	5.11780554	5.12413132	5.22731245	5.08157036
4.12230773	5.32388756	3.8485672	3.68882018	4.58984337	5.57356276	3.49036377
3.79233078	4.79826726	3.96494383	3.79787047	4.14766781	4.94161176	4.14004417
2.69224565	2.89603997	2.7693381	2.9365812	2.20134933	2.61378776	2.13269982
3.83568127	4.10035948	4.05089907	4.09429377	4.13672826	4.12584229	4.0022722
1.19868041	2.04695234	1.96082953	1.98843217	1.49182403	1.78300079	1.90523692
2.51163898	2.44670397	2.35778252	2.50769433	1.64999118	2.63413356	2.74768408
2.64460062	3.30676206	3.75953382	3.68398716	3.28821588	3.33939252	3.46044425
3.59226114	3.86659767	4.00308614	4.092416	3.49399282	3.76195371	3.83131928
2.59472739	2.7183061	2.47457108	2.49191737	2.69433793	2.12191072	2.30296969
1.00E-04	1.00E-04	1.00E-04	0.0544692	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	0.11881094	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.26580884	3.29134396	3.61380038	3.67633114	1.67578851	2.17339451	2.97938282
0.94759361	1.62502354	1.54816329	1.28101375	1.38992732	0.73144574	0.97405549
4.71573824	4.93309144	5.08679287	5.25635394	3.94162845	4.60549106	4.77101633
2.98244247	3.08883044	3.18422295	3.2776918	2.5991793	2.99216543	3.34857444
5.15374073	5.3596072	4.85718963	4.7117706	5.4225675	5.90993724	5.31768963
6.0173218	5.9463028	5.67451893	5.5808168	5.78066558	5.93694233	5.55332599

3.36892447	3.24726737	2.99592791	3.08672554	3.66235695	3.51220711	2.68357934
1.00E-04	0.24616494	0.16338477	0.35595676	3.87470414	4.50752804	3.53062258
0.56963629	0.88796099	0.60943931	0.66392883	1.00E-04	0.45330561	0.45866496
3.78689594	4.02053043	4.22162064	4.30443421	2.51641992	2.64474602	3.19514854
4.12855813	4.1832604	3.72966901	3.33412307	4.81059951	4.55367892	3.99933104
6.27211345	6.35645126	5.85087083	5.73230955	6.10151486	6.36140269	5.93635246
3.18394169	3.37570276	3.22708139	3.27368838	3.78187574	3.81205653	3.7429396
5.21346401	5.31914804	4.92804141	4.82465722	5.07749771	5.28991552	5.27497199
3.60051633	3.70231256	3.24779468	3.32384899	4.33295045	4.69269188	4.58751636
0.93634711	0.33716872	0.18107397	0.30838443	5.82644104	6.35686932	5.83360606
4.36675568	4.62574724	4.35886098	4.39276326	4.59823609	4.98852928	4.6842783
1.37772599	1.8995062	1.77348509	1.91233446	2.28725797	2.28005576	2.30516458
3.66111833	3.71098596	4.03373172	4.15196754	3.84481927	3.82680683	3.94035695
0.88714819	0.31354588	0.28275111	0.17132733	0.61235854	1.00E-04	1.00E-04
2.31310381	1.79461846	1.28031449	1.20417071	0.63609922	1.23069157	0.7110438
1.00E-04	1.00E-04	0.11019282	0.07107931	1.00E-04	0.19340846	1.00E-04
4.06792445	4.13842958	3.67037753	3.7719466	4.17715891	4.285883	3.75247327
0.99639064	0.90036911	1.08406681	1.02961691	1.00E-04	1.00E-04	0.28086847
1.00E-04	1.00E-04	0.20554023	0.26464352	1.00E-04	1.02539234	1.20316296
1.30048003	1.64818282	1.37043237	1.21494421	1.47648566	2.43022987	2.11419319
3.84831046	3.96683027	3.77945628	3.75050113	4.34812054	4.00401276	3.87594758
3.93282007	4.22270598	4.07648567	4.05011713	3.58858821	4.15577702	4.10103113
3.11107943	3.42669919	3.79516695	3.75904369	2.94619505	3.71511003	3.89589312
0.6507219	1.01114049	0.44055713	0.76081666	3.86129369	3.15804029	4.32210561
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.44182494	2.74412382	2.54224039	2.59227743	2.42640853	2.86090308	2.6234471
3.57765274	3.77649055	3.96528123	4.0409061	3.55772426	3.6392788	3.88893272
2.270218	2.49016787	2.04439367	2.10508806	2.19553354	2.37813786	1.99913203
1.02609412	1.49053953	1.25218932	1.40669239	1.46784905	0.92957945	1.55788574
2.42427021	3.00883727	3.50902969	3.51253256	3.48161427	3.89819349	4.00433356
3.00717563	3.01316925	3.13298757	3.17193078	3.76702197	3.30011601	3.59823504
2.92502501	2.64225444	2.73037272	2.72987195	2.26850102	2.45792072	2.20055935
1.71784115	2.15115674	2.15008624	2.23428175	2.37851946	2.14321546	1.89446414
0.96152684	0.52443521	1.41000575	1.62891993	0.79923683	0.75088229	1.96264736
0.50297678	1.00E-04	1.00E-04	0.09941904	1.00E-04	0.47316859	1.00E-04
4.63420459	4.76137072	4.26489009	4.16380161	4.30557668	4.66860152	4.29756388
1.14615593	0.91053144	0.74585724	1.24390826	1.00E-04	0.06695938	0.35587885
0.23522054	0.37655728	0.50790427	0.85836947	0.61305258	0.11240321	0.55810565
3.32682739	3.42439978	3.00321089	2.82144775	3.53741523	3.18792559	2.59624644
4.56977612	4.5420675	4.2482416	4.25575933	3.67560881	3.76659897	3.10634976
0.32649863	0.32052465	0.42771837	0.29866507	1.00E-04	1.00E-04	1.00E-04
4.47464733	4.678013	4.36690334	3.9036606	5.6381214	5.82462956	5.36957727
3.01614018	2.90254984	2.75714023	2.87890508	3.49783743	3.5438749	3.10407021

0.7169495	1.17746114	0.70796429	0.93310489	4.68391225	4.66672886	3.70724989
4.09927838	4.05700984	3.72509748	3.5551194	3.26386265	3.81664514	4.05914786
1.19549358	2.54550234	1.45278742	1.02260148	0.85752203	2.53262816	0.57130468
1.00E-04	1.00E-04	0.07222592	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58505869	1.89475991	1.74810421	1.79881582	1.76504623	2.02835817	1.53204107
4.36898841	4.56107493	4.51986118	4.57871396	2.92673363	3.33299559	3.21857222
4.337076	4.49859464	4.0961193	4.08249905	4.46741101	4.68552967	4.68560794
3.7134421	3.71434992	3.97241269	4.10030494	3.57946948	3.96450383	3.615433
2.32112886	2.61050102	2.33297187	2.85839924	2.28058245	2.08818878	2.28649405
0.84409056	2.19978128	1.20385264	2.10959341	0.85548208	0.82264448	1.30738751
3.34470851	3.56019182	3.31086477	3.38012667	3.36700458	3.847959	3.60869183
1.0228025	0.85763363	1.49896017	1.44029275	1.57668868	1.22255522	1.92325464
0.57314103	0.95147564	0.87544642	1.00078157	2.18560763	0.67013043	1.29819954
0.97540684	1.64548616	1.700256	1.6154298	1.60247243	1.38976359	1.34417349
1.07883601	0.95190266	0.80829553	0.5997063	0.74179103	0.29050809	0.73956062
1.78686206	1.87519176	1.85018031	2.11456772	2.30548869	2.32325899	2.34618719
2.35374398	2.80540942	3.19086624	3.23392127	2.21797728	2.35510763	3.29291504
2.45418386	2.57078774	3.0515382	3.03709238	2.37167383	2.08432091	3.23184053
1.93470245	2.008632	2.19202174	2.14321573	1.99874032	1.81740424	1.62526336
1.44174089	1.41220603	1.22894531	1.36489765	1.77544699	1.82731102	1.37796637
1.04755995	1.39465173	1.08649073	1.13242531	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10659058	0.54273036	1.00E-04	0.34591941	1.00E-04
4.30925249	4.07518135	4.09233479	4.06878875	3.0019393	2.05014151	2.60110235
1.00E-04	1.12132564	1.03183145	1.26635803	1.00E-04	0.57759117	0.85632191
2.26884692	2.33576089	1.6907515	1.80836513	2.27162465	1.78625322	1.85182627
1.59758275	1.34413537	0.96279396	1.47469977	0.92954758	0.55707341	1.20958929
4.21404967	4.35087315	5.06514605	5.06682078	2.93771502	3.06681975	3.87685125
3.85166559	3.90976697	3.57689867	3.66027191	3.91916832	4.10969612	3.98129078
1.00E-04	1.00E-04	0.04155876	1.00E-04	1.00E-04	1.00E-04	0.19482141
0.60166436	1.97706612	1.10168274	0.95585852	1.64123513	2.45260541	1.95297657
4.52635269	4.65824677	4.28754357	4.26867659	5.47991697	5.68719515	5.33646857
1.84882929	1.68994834	1.60792526	1.70421282	1.36906978	2.14491179	1.91436146
4.28173576	4.38249693	4.01853641	4.11537811	4.30330009	4.40452423	4.10373324
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3.57059465	3.91657847	3.9226464	3.97066608	4.02485537	3.92035438	4.1134088
3.53872751	3.63834425	3.5553199	3.54698392	3.83137479	3.83906281	3.39550338
2.52401509	2.61876092	2.41685354	2.61751653	2.75570169	3.20734777	2.84251354
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3.25556544	3.5019281	2.97024428	3.07512548	3.90626331	3.59391997	3.14843583
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3.13643392	3.42568362	3.20686839	3.15929125	2.79948037	3.27479063	3.53069787
3.20576456	3.12641983	2.99363173	3.15440004	3.26088239	2.85646255	2.76948645
2.84812141	3.69043404	2.770273	2.97052104	2.68392278	4.09199524	2.81459338
4.10482953	4.32219916	4.02529613	4.03645188	3.56257355	4.0237785	3.75944898
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3.33433929	3.78017406	3.75762092	3.84683889	3.63738397	3.88657711	3.74167753
6.22287509	6.22044817	6.00580945	6.04899197	5.43138057	5.58658647	5.36352329
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1.53353981	1.30607359	1.11261136	1.18218659	1.45034091	0.97242799	0.50986773
4.49828589	4.49459475	4.20695262	4.37482348	4.13492568	4.19676304	3.83044714
4.76159628	4.72439585	4.37020655	4.41011141	4.49511313	4.78207226	4.18033309
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1.00E-04	0.46282067	0.28573185	0.38132234	0.53515803	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04624582	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.07133821	2.04630153	1.85479917	1.9049263	1.00E-04	0.28191199	0.76923529
5.21992665	5.28692533	4.96336281	4.78057021	5.20625622	5.07633147	4.76433936
1.00E-04	1.00E-04	1.00E-04	0.14929516	1.00E-04	0.27371291	0.63350237
1.00E-04	1.00E-04	0.0435081	1.00E-04	1.00E-04	0.13071865	1.00E-04
3.25625786	3.36170704	2.91583588	3.05770359	4.22904975	3.79461947	3.73254383
1.2235589	0.21568962	0.24230341	0.13438323	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0196762	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.84572148	0.36645204	0.27558446	3.23322521	3.65948138	3.04478941
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.44594804	3.38100198	2.90899537	3.16688055	3.03537023	2.80289644	2.95739399
3.63960575	3.78059349	3.52956747	3.64472972	3.18968265	3.46086822	3.0347971
5.18390565	5.26764911	4.8055693	4.78897988	5.29782256	5.67426538	5.15611439
0.96855887	2.10306332	1.47523174	1.58217626	4.1835001	3.76396589	3.20303538
4.28688819	4.34164366	3.9584593	3.85505093	4.42864997	4.80994426	4.25488886
1.00E-04	0.25676357	0.04890267	1.00E-04	1.00E-04	0.52691586	1.00E-04
1.00E-04	0.2962001	0.17364284	0.24046937	0.40912496	0.11466061	1.00E-04
1.54219433	2.17316485	1.61838198	2.2106314	1.91221337	1.69781299	2.20176262
3.29948142	3.76839448	3.68312409	3.67789116	3.13403578	2.89477208	3.4192853
1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.93518696	0.45320271	0.11565659
1.00E-04	0.42565038	0.09020944	0.24758835	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04680917	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66475049	3.03662918	2.80507763	2.74056493	2.44823267	2.85681242	2.84364725
0.72919002	0.73656382	0.57990196	0.86966142	0.90205209	1.00E-04	1.00E-04
3.18014422	3.44003836	3.3043785	3.28516386	2.94117839	3.29844775	3.30437359
0.66971392	0.83353614	1.07139801	1.05389526	1.00E-04	1.39470206	0.28114625

0.55639215	0.62668026	0.66975861	0.19744539	1.00E-04	0.12640632	0.30841814
5.54451308	5.85173079	5.43581008	5.24118887	5.53974573	5.86288362	5.41636999
2.26329959	2.56572321	1.89887652	2.11345019	2.64188468	3.73783179	3.28550581
3.10181853	3.23036848	3.01223337	3.21881945	2.89097336	2.48513386	2.53395561
0.84184341	1.14152111	0.72726736	0.9513845	0.87341224	1.54375175	1.46679375
1.14384075	1.61942674	0.76011083	0.70521449	1.00E-04	0.85344461	0.58958361
2.38645718	3.08450895	2.55221766	2.79026703	6.04389323	6.0924144	5.84373994
1.14841184	0.7994827	0.51408359	0.51819488	1.00E-04	0.27710863	0.47237756
0.81169795	1.33092938	1.26214151	1.10446519	1.00E-04	1.00E-04	1.00E-04
3.77136282	3.86275621	3.67436606	3.72241162	4.078752	3.9362336	3.50505296
1.00E-04	0.43225768	0.65346633	0.65762161	1.23058514	0.19146001	0.26662489
1.00E-04	0.24243554	0.15768833	0.16804728	1.00E-04	1.00E-04	1.00E-04
0.46208654	0.37267084	0.22696763	0.56919648	1.45628927	2.16937026	0.99756195
0.20290409	0.68499276	0.97162194	1.22650116	0.69158286	1.00E-04	1.00E-04
1.00E-04	0.31152204	0.094127	0.29968926	1.00E-04	1.00E-04	1.00E-04
3.97185884	3.82042243	3.88204566	3.69157743	4.321278	4.09582977	4.53190347
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27026198	0.15344873	1.00E-04	1.00E-04	0.16257726
1.93918567	2.74268841	3.78633955	3.74979275	1.76047212	2.68574387	3.58272599
0.85533373	1.38963351	1.11228457	1.02593417	1.23058514	1.36276721	0.67869337
1.00484469	1.55921199	1.9882545	2.16454671	2.09837134	0.87631804	1.34582824
1.77408447	2.14633767	2.0680267	2.24122913	1.34097824	1.78198478	2.46255718
2.54817246	2.76699053	2.8473793	2.84163117	1.82567272	2.51017441	2.78423731
1.00E-04	1.00E-04	0.26851667	0.56895678	1.00E-04	1.00E-04	0.3216658
0.56583542	1.00E-04	0.32069362	0.39539111	1.00E-04	1.00E-04	0.34032951
1.48518239	1.74558283	1.0258381	1.34237118	4.02799557	3.96660831	3.6468597
1.00E-04	0.40307734	0.14179294	0.04912699	1.00E-04	0.96208268	0.60100821
1.00E-04	0.18590644	0.07962578	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05564789	1.44421534	1.80327593	1.82448362	2.5900609	2.37933404	2.17963185
1.27837438	1.29326733	1.25783245	1.00855044	1.50515703	0.96447371	1.33918386
0.3276738	1.00E-04	0.25797532	0.35178099	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05700051	0.05405217	0.05613198	1.00E-04	1.00E-04	1.00E-04
0.36336616	1.00E-04	0.09818715	0.21445058	1.00E-04	0.16898238	1.00E-04
1.00E-04	1.00E-04	0.10779103	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13619559	1.00E-04	0.08308369	0.5545761	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20111754	0.25101658	1.00E-04	0.33659068	0.48918601
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.70541437	4.8057849	4.54336233	4.59452362	4.87470989	5.06881512	4.73750272
2.33593793	2.31778192	1.97000515	2.60061493	1.58582645	1.23706312	1.81102374
2.0889638	1.59684054	1.90904012	2.44782128	2.09320502	2.25870328	2.13875905
4.67623822	4.6304599	4.30206552	4.38904249	5.17682953	5.33909483	4.77294187
3.54817809	3.82296642	3.42059571	3.35846151	2.22255076	3.05796228	3.77061239

2.4030613	2.42014682	2.13409351	2.10172232	1.68408338	2.99779114	2.57943037
0.53447905	0.51400188	0.53248755	0.51236283	0.71649841	1.26745669	1.34410638
2.11428383	2.60387692	2.52054752	2.58022592	2.24320399	2.30615326	2.79920604
1.00E-04	0.37161888	0.22553451	0.6885237	1.00E-04	0.90545847	1.00E-04
0.70018874	1.07629436	0.88263227	0.82383929	1.00E-04	1.10302437	1.28596832
2.3420999	2.75219725	2.59495442	2.41237775	2.06512559	2.8668212	1.45267317
1.00E-04	0.43360036	0.6538725	0.85185586	1.84866454	1.76713231	0.31424664
1.54895158	2.51111969	1.57255923	1.70758026	0.81628202	1.83579453	1.86796779
1.32102427	2.60334832	1.39985364	1.70200158	1.01171378	2.2362161	2.60195852
2.09066268	2.85314874	2.09104834	2.09839458	2.10278542	2.89354399	2.15632959
1.33309948	1.81278837	1.50642875	1.50017361	0.54065888	1.22108407	0.83415312
1.83365097	2.3867507	2.22092943	1.83356667	0.9316683	2.64812518	2.94296933
0.48527668	1.52537318	0.76401995	0.51709083	0.41241033	2.06925148	1.02882687
1.29590384	2.03958729	1.46313569	1.57558877	0.38091442	1.98644075	2.16492745
1.64406744	2.93935039	2.17806689	2.43413957	1.11078992	2.71559402	1.95072976
1.27185815	2.13992497	1.26675997	1.32856244	1.14257181	1.98078315	1.21826352
2.17421474	2.56292399	2.4861018	2.53016537	1.09481238	2.98690902	2.29065271
0.73018325	0.24565253	0.37835506	0.36603799	1.00E-04	1.00E-04	0.76553012
1.86042446	2.85035306	1.62510838	1.96246994	1.05732582	2.91470275	1.54210913
0.789816	1.44835282	0.95533474	0.89839973	1.10847944	0.23817629	1.00E-04
0.76935506	0.97575166	0.86780158	1.16026654	1.2076748	1.17373906	1.21914589
4.50629075	4.76774699	5.10212574	4.84130943	4.01233019	4.53715921	5.15899781
3.52041776	3.57534468	4.09371527	4.09310335	3.11429924	3.33897461	3.67805226
2.82789787	3.23582107	2.91527786	3.07016996	2.98333459	3.1437017	2.64208614
3.03458094	3.06134021	2.9805793	2.80737873	2.99485125	2.24476055	1.55595923
2.82310689	3.13389717	3.28592191	3.21604614	2.91438225	2.70127132	3.12817737
3.09465971	3.47628711	3.83208903	3.69217934	3.51600855	3.54175579	3.83742953
3.36165395	3.46376626	3.19747462	3.20368504	3.64472162	3.77814604	3.30996333
1.74830428	1.31419324	1.40595972	1.30109158	1.00E-04	1.50045958	1.21380325
4.76335325	5.01456189	4.6878855	4.67564473	5.09391454	5.04283301	4.78811845
2.39188409	2.65535375	2.7725071	2.90810537	2.59633451	2.34925037	2.83774065
3.14254662	3.14200035	2.90155402	2.96263178	3.17052294	3.29721481	3.70530686
0.54763562	0.25739657	0.51951998	0.58014882	1.00E-04	0.46718831	0.11188224
4.89342549	4.91525893	5.00195628	4.85783576	4.81857558	4.63730138	4.84742934
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.64530044	2.73313934	2.86998172	2.85346372	2.25238307	2.3113124	2.62613444
5.63682258	5.88005802	5.74919664	5.54124318	4.84358274	4.8566306	4.61797851
3.27206916	3.55892165	3.32528915	3.2407808	3.53856599	3.64080314	3.64059496
3.61425315	3.7740135	3.32008435	3.22327749	3.18402271	3.7793984	3.33660951
0.33688825	1.00E-04	0.27684131	0.1304253	1.00E-04	1.00E-04	1.00E-04
4.27945346	4.35934987	3.94173824	3.91687165	4.38395584	4.57212884	4.0465848
2.19358182	2.63357961	2.63080886	2.7406247	2.37504866	2.54396524	2.25758509
3.62277411	3.91300191	4.1915258	4.11366003	3.47984981	3.92251861	3.99224974

2.84644966	2.96785148	2.82223128	2.87196656	3.13928166	3.48803826	3.08598793
3.33390849	3.57125506	3.66144555	3.69338469	3.46491134	3.41683271	3.5661162
2.19366336	2.22601125	2.19404269	2.32188683	2.59557541	3.00076546	2.40598283
3.03103121	3.45550454	4.18088224	4.39125349	2.82480532	3.34848816	4.32388898
4.06980566	4.61997769	4.27247076	4.32754394	4.13637371	4.34571574	4.36951367
3.44844141	3.63194412	3.52732716	3.66506867	3.44700511	3.55027554	3.33591575
1.00E-04	1.00E-04	0.09564459	0.05658657	1.00E-04	1.00E-04	1.00E-04
2.96702336	3.58207789	3.36158287	3.44249244	3.19515559	3.52926407	3.14093259
2.79158727	2.73215753	2.62904122	2.60428648	2.30817181	2.86916191	2.95051086
2.22489619	2.90755971	2.49781532	2.4885062	3.18974855	3.4127677	3.20446338
0.3451742	1.06309342	1.06457517	0.93755426	0.71649841	0.11466061	1.37077096
4.58552797	5.00109213	4.69003925	4.52006524	4.32402791	4.54728429	4.21773675
1.36544308	1.76281642	1.4929324	1.79429331	0.52440794	0.99767293	1.62086973
1.23470731	1.6105469	1.58321821	1.81181049	1.53621687	1.67796083	1.93624116
3.86645777	4.13662603	3.66208769	3.62198259	4.4118091	4.47533186	3.66364723
1.00E-04	1.00E-04	0.32329629	0.11122211	1.00408858	0.67780885	0.48918601
1.00E-04	1.00E-04	0.02431844	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75467213	1.62066906	0.79425204	1.13502203	3.02596754	1.9369945	1.95942988
3.87195977	4.12312686	4.2279648	4.2484255	4.54554151	4.6079679	4.53801393
3.76312671	3.9035491	4.25408277	4.26833911	3.22754532	3.47275715	4.09773226
2.95475098	2.86719198	3.29119221	3.41459144	3.17184366	3.31615832	3.61774727
1.91665867	2.42053597	1.68785486	1.63649249	2.48682596	1.9630921	2.91355849
1.81184514	1.63772184	2.12569516	2.24725186	1.60769473	2.43677825	2.32105763
1.00E-04	0.97947983	1.20733085	0.99136322	1.00E-04	1.00E-04	1.22065735
3.23869428	3.40441253	3.12335972	3.11339747	3.61069592	3.60559108	3.28987141
1.99101979	2.41804269	2.5737494	2.70883039	3.17268447	2.18045142	3.03713955
1.00E-04	0.47712557	0.66287469	0.52498607	0.99573984	1.00E-04	1.06334498
1.00E-04	0.55994847	0.24820292	0.44560711	0.51102197	1.00E-04	1.00E-04
1.68360654	2.55048188	2.95677362	2.91102724	1.51266974	2.20116547	3.73211269
1.15504195	1.58169842	2.02946078	1.6048863	1.00E-04	1.12112494	2.57996404
0.93121274	0.44745464	0.3537118	0.55045358	0.78094411	1.00E-04	0.56407641
0.43285416	1.89326268	0.80627554	0.47271228	0.50488113	1.14819355	0.70014111
1.90603973	1.84137356	1.57999409	1.24888079	2.53055107	1.78474447	1.95897626
2.49526985	2.59470045	3.493126	3.67156162	2.02213826	2.57372332	3.23440017
0.35705365	1.25691799	0.69090095	0.93699485	1.61999871	1.0100906	0.22130726
4.2499347	4.4447167	4.05176676	4.13294036	4.53683114	4.58045032	4.2438511
5.31365238	5.41151559	5.13498661	4.99527514	5.44850492	5.63646825	5.07298896
3.63398553	3.98653204	2.99181205	3.47328793	3.69636463	2.32397487	2.471452
3.23020865	3.49095319	2.78865695	2.916806	4.06115564	4.08972949	3.09026283
4.29614406	4.33851175	4.20469248	4.26395589	3.88940792	4.01064448	4.03855068
4.07684903	3.9582979	3.84891071	3.85966268	4.37606902	4.10795178	3.94064511
1.19162632	0.8080476	0.76269553	0.85775731	0.94208228	0.06695938	0.45589581
1.00E-04	1.00E-04	0.07552454	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.58896528	2.88142995	2.93679235	3.14428398	2.81050916	2.76069379	2.83433614
1.00E-04	1.00E-04	0.15543369	0.16507328	1.96023697	0.82076476	0.76115076
1.00E-04	1.00E-04	0.21652917	0.11556003	1.00E-04	1.00E-04	0.15942843
1.94012203	2.57134091	2.85847981	2.90682484	2.32576743	2.43540185	2.958617
3.52863546	3.89254253	3.86378232	3.89248654	3.5590585	3.94686121	4.05198018
1.00E-04	0.24828709	0.24190936	0.08273925	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.65178216	1.00E-04	0.26058674	0.81558696	0.36619253	0.3841957
0.93792531	1.52093502	0.99948663	1.30084216	1.17221843	1.86717387	1.70168874
6.46925654	6.5849174	6.15597437	6.17211229	6.56813533	6.55158329	6.19573264
5.94753455	6.06301745	5.56683298	5.67619523	6.00897557	6.17822959	5.75306402
6.44182424	6.54022222	6.0361579	5.99055214	6.63301997	6.73672971	6.20454551
4.22461501	4.15718779	4.01385473	3.78170768	1.72872085	1.65378891	2.56757902
2.96884813	3.71996312	2.96502373	2.93057657	3.50282672	4.16469919	4.14508037
5.18643164	5.28250718	5.071604	4.41227928	3.4509746	3.10954571	3.3202668
1.16764762	0.55251985	0.62236267	0.98368087	1.02226571	1.64797356	1.43192975
2.75507009	2.94950168	2.56609595	2.5500055	3.62988163	3.73416361	3.72322166
6.59363776	6.72315677	6.27028074	6.41397102	6.58311421	6.74894289	6.36797685
4.71126084	4.87064356	4.3273852	4.25156358	4.32500495	4.91310207	4.20600262
2.2513325	2.52690837	2.79129846	3.051591	2.1589638	2.4158308	2.83067329
1.72899097	2.33324114	2.6882679	2.77433624	1.37267972	2.28989423	3.14815426
3.23882718	3.77094403	3.96837693	3.90498863	2.41718346	2.96954753	3.28498926
0.67651537	1.24317354	0.975715	1.1850544	3.04572884	3.5353084	3.36069064
0.37706859	1.00E-04	0.18097514	0.19646933	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64725786	0.09037121	0.49310685	1.00E-04	1.00E-04	0.81302828
2.67607438	2.20079953	2.23970598	2.35850495	2.29578114	1.93205195	2.18989688
1.00E-04	0.42634015	0.635412	0.45302866	1.00E-04	1.00E-04	1.00E-04
0.724352	0.93538785	1.16293302	1.19531872	0.40975599	0.64186402	0.92208903
0.89859397	0.70624211	1.21136227	1.266735	1.00E-04	1.22163462	0.99887699
2.6343911	2.74728877	2.88016137	2.87250682	2.43746929	2.60649434	2.61108697
4.16434108	4.59161866	4.05762953	3.97169272	4.71006913	4.98845878	4.70489593
4.51179353	4.66695133	4.26254371	4.34907495	4.61593909	4.61920898	4.26970585
3.23530947	3.46119467	2.9566389	2.71448833	3.9014987	3.65375233	3.14317995
1.52917137	1.84240898	1.90934871	2.03588767	2.55993194	1.98002644	2.65947855
1.95651816	2.74346559	2.97141253	2.98762406	1.26599945	2.55872018	3.16476817
0.29820791	1.00E-04	0.3575034	0.20642829	1.00E-04	0.35497422	0.80145636
3.06450532	2.88120599	2.93636747	3.37279845	0.51102197	1.76274714	1.99208032
1.00E-04	1.00E-04	0.13459577	0.10352797	1.00E-04	1.00E-04	1.00E-04
0.29114248	0.27026587	0.27038322	0.53374281	1.00E-04	1.00E-04	1.00E-04
0.46473341	1.03561683	0.65625788	0.60758242	0.38530742	1.32733662	0.26380869
2.63281394	3.20943525	3.02685255	3.26046338	2.10311722	2.48426146	2.78284454
3.86783429	4.23797264	3.78379528	3.44401487	4.02920258	4.02641672	3.42066485
0.98638543	1.19047647	0.77564813	0.66259728	1.91358381	0.44869615	1.00E-04
1.62621095	1.30445872	1.82698891	1.78349801	1.14090423	1.46337841	1.51325079

2.95709069	3.32782145	3.46608404	3.42323385	2.80190147	2.89386976	3.7189697
1.00E-04	1.00E-04	0.34572981	0.3041436	1.00E-04	1.00E-04	1.00E-04
2.36884146	3.06604261	2.64264939	2.80979377	2.06836668	2.98981771	3.06639605
4.20454523	4.52150968	4.14999446	4.15364487	4.95544562	5.01426453	4.60875865
2.39264654	2.21388339	2.31837298	2.50570814	2.6970087	2.82250425	2.36993397
3.34718629	3.48530205	3.54335892	3.67705059	3.33987503	3.40981501	3.63975151
1.69192669	2.42110119	2.99753997	3.01174321	1.54362925	1.61585472	2.81573491
2.34052719	2.76277506	3.7620774	3.77204594	2.43420743	2.32116705	3.74191904
0.98002459	1.23673558	0.57986828	0.7034452	3.45482871	2.4933553	1.73478442
2.47028756	2.47417525	2.75336421	2.78879188	2.45286194	2.90816813	3.19918478
5.66778615	5.93479439	5.37470046	5.32389213	1.00E-04	1.99774476	0.91177124
1.93696466	2.17031605	1.80579065	2.17362405	1.63834169	2.41261225	1.35318021
4.28869788	4.46108829	4.25023798	4.32649313	4.64251808	4.73144512	4.45804422
4.45855049	4.60011138	4.21109048	4.34663672	4.03273729	4.73654156	4.17625351
3.61061728	3.69062158	3.31403092	3.28118831	3.53125617	3.51900363	3.33310712
0.26718572	1.00E-04	0.07030005	0.25445886	1.00E-04	0.49387947	0.36577914
0.26029171	0.70535729	0.30518896	0.57105322	1.00E-04	1.06656328	0.70016133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09742045	0.35245081	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.45560622	3.52321482	3.47056644	3.28567177	4.02157249	4.21095065	3.8220804
3.03950927	3.06292263	2.59031612	2.7312092	3.93428954	4.22121564	3.37337518
3.70189979	3.6766546	3.222975	3.33983418	3.34121622	3.67779954	2.94637297
3.16015132	3.57458707	4.24294314	4.43615068	2.33675302	3.37534587	4.0177226
3.85613516	4.10352558	3.24409764	3.40312218	3.94578517	4.54663022	4.95993162
0.273504	0.2287954	0.18223357	0.11366552	1.00E-04	0.0838544	0.33572812
3.20437581	3.43409192	3.07453375	3.56699957	3.77653927	3.21742924	3.48993943
1.00E-04	0.4275715	0.40688619	0.22091983	0.38091442	0.76217683	0.73218224
0.93019663	0.24424084	0.93825133	1.47897209	2.26371753	1.61629184	1.45020061
0.20993402	0.06964474	0.15154533	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.41454112	0.58530932	1.4667565	0.55826077	0.36812399
3.58782179	3.64413807	3.90495377	3.88282014	3.47596099	3.6295219	3.9016354
1.74231756	1.87563806	1.49215349	1.10079814	2.95403127	3.23225149	3.02612937
2.93085625	3.28049542	3.18775919	3.21482831	4.23029596	4.40723206	4.79468741
3.44992198	3.9294435	4.63191004	4.60619462	2.86263132	3.41659466	4.1214532
1.00E-04	0.46596323	0.02407685	0.11798139	2.41411831	1.49011199	2.37007482
1.78502107	2.14131004	1.73506131	1.5921999	1.77129351	1.28037455	1.56181843
1.51223929	1.50008375	1.56775569	1.46234877	1.80724683	1.55133982	2.28027867
1.00E-04	1.00E-04	0.1584274	0.15886774	1.00E-04	1.00E-04	0.25370611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27477876
0.48335795	1.00E-04	0.05961077	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32260198	1.00E-04	0.05957116	0.09650987	1.00E-04	1.00E-04	1.00E-04
0.50806335	1.5265032	0.71438084	1.11780145	2.41488581	1.30421602	0.94574282

1.00E-04	1.00E-04	1.00E-04	0.22875697	1.00E-04	1.00E-04	1.00E-04
3.07574785	3.22212742	3.14370395	3.12523892	2.91484067	3.64709682	3.3935943
3.14837647	3.31921411	3.39674077	3.42701595	2.46837682	3.25461756	3.32133032
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.84375952	3.89994319	3.54652489	3.57088278	3.96135796	4.10042905	3.59013898
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.19412295	1.00E-04	0.92895432	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06044136	0.43090184	1.00E-04	0.58635315
1.00E-04	1.00E-04	0.03257551	0.04394444	2.93487238	1.32869609	2.10284385
0.29114932	0.75903469	0.2985339	0.36131681	0.69094647	0.69100409	0.220236
2.78826344	2.8411627	2.14173341	1.66243371	3.14111046	4.16543978	3.13841835
0.64359079	0.58224758	0.07657591	0.31792442	0.91632913	1.00E-04	0.38790491
0.86951795	0.88020883	0.94022382	1.04075899	3.74624269	3.94022363	3.53944042
0.47477996	1.00E-04	0.15646555	0.20034967	1.00E-04	1.00E-04	0.25011629
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23592334	1.00E-04	0.26767307	0.49769614	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.18210604	3.13183328	3.03732344	3.09375622	3.11327835	3.47923921	2.93538309
0.84356355	0.96755413	1.03604795	0.95101504	0.40975599	1.18045099	1.00E-04
4.69542317	4.61888341	3.76165082	4.02085021	6.2922526	6.28336706	5.79800164
4.00418714	4.27510499	4.57396514	4.6019876	3.19800966	3.71604483	4.47199054
4.03317973	4.13699673	3.88491416	3.82283727	3.36389798	4.16525539	3.6067871
3.87923056	4.03853912	3.81131012	3.91069714	3.30140416	3.83233243	3.55229823
2.63478167	2.70344024	2.65864218	2.66294453	2.77631905	2.85729781	2.4727998
2.93617616	2.75822352	2.15748535	2.48102411	0.768034	0.63222926	0.53424338
1.24732192	1.55916111	1.30919244	0.78081211	0.78091532	1.6758924	1.1580821
0.67183525	0.23798185	0.24248359	0.41643653	0.48823099	0.64266456	0.41592684
5.14839149	5.31873515	4.95729839	4.9492139	4.55812313	5.0184457	5.03599671
5.07730148	5.07426849	5.0172993	4.78991896	5.75858151	6.02172397	5.62482368
2.24817724	2.72190406	2.66508727	2.91308181	2.52119668	2.96638365	3.22994837
2.50434599	1.81298799	2.13925771	2.13925502	0.92489603	2.32478649	2.44919998
0.42745543	0.69155911	0.27464472	0.3717698	3.06876505	3.23386141	2.41192762
2.98492713	2.87613825	2.87122033	2.94970251	3.80688288	3.60160377	3.10105897
2.05797418	2.48746587	2.37993097	2.47738456	1.72706868	2.52883366	2.34287276
2.96130511	3.99160178	3.55761163	3.61973893	3.20460934	3.75060726	3.52803244
0.63007928	1.00E-04	0.57705049	0.29735529	2.52142825	0.92518472	1.86272732
2.07205741	2.02101798	2.71569637	2.62238156	2.26374393	1.90840954	2.60382261
1.00E-04	0.1003327	0.21653867	0.321189	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31612809	1.00E-04	0.33799983	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06522323	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65879552	0.84856331	1.10064719	1.62757209	0.69043823	0.57577492	0.11808513
1.66506755	2.50863645	2.22686631	2.59840948	1.91683542	1.55793565	2.09414949

2.61964601	2.64505763	2.54824832	2.59661758	2.69402815	3.02548668	2.69458016
1.92972122	2.36860813	2.42662188	2.48880945	2.53033966	2.32969249	2.05429836
1.63553908	1.86862057	1.65672944	1.67731603	2.00099473	1.78602882	1.71486694
4.47537762	4.33883331	4.59363674	4.10444502	3.903773	4.3878171	5.04936792
3.42685597	3.82250051	3.45943175	2.94019044	3.73756685	3.98800557	3.89035143
4.02434742	4.08092398	4.02892948	4.12175478	4.13249692	4.01424534	4.03152449
2.47282944	2.69899521	3.21928684	3.3471444	2.32800314	2.31559862	2.90007803
0.88564149	2.33611845	1.80223501	1.65408311	1.33304149	0.85180923	1.48065243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28191199	1.00E-04
4.78380873	4.80654045	4.07288994	3.92495675	3.3083475	3.53636484	3.14537756
3.92346998	4.15162874	4.00531454	4.15038034	3.15215196	3.72802294	3.67582845
0.22171465	0.22843273	0.40020053	0.68931264	0.39382455	0.75762366	0.5679621
2.52861426	2.45391837	2.74701516	3.10122741	4.07679523	3.69090474	4.64742366
3.5271025	3.13736919	3.14001543	3.1914887	4.09920094	3.84459304	3.66876833
2.51148392	3.24110526	3.71978824	3.85763541	1.95205816	2.50608651	3.54745581
1.00E-04	1.00E-04	1.00E-04	0.04599066	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16578845	0.55885173	1.27122092	1.55163099	1.38755544	0.47354754	1.1062666
1.00E-04	0.63128387	0.66809793	0.65125441	1.42627993	1.27475807	1.43722918
3.75273176	3.05844515	2.79937122	3.13354224	4.091573	3.13896693	2.58514973
3.62734779	3.34036578	3.2014228	2.63154942	4.05158506	3.90184896	3.56006634
2.37432031	2.92625735	2.99522654	2.79438683	1.63797605	3.02135509	3.12759927
2.31325726	2.9089597	3.06609013	3.2050471	1.04955747	1.03653987	1.41133013
1.48147987	1.34869791	1.52083855	1.46520581	0.52105756	1.00E-04	0.23721926
3.78026105	4.07541589	4.59751834	4.75890683	3.60940309	3.7634061	4.71373001
1.00E-04	0.36889407	0.15298568	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05700051	0.42577516	0.34682473	1.00E-04	1.00E-04	1.00E-04
1.75334514	1.94348607	1.89967226	1.84590475	1.5018996	2.22474831	1.91407191
2.00045886	1.91108988	2.10045395	2.11593666	1.71414552	1.36127074	1.93020744
2.51376003	2.62495558	2.28113821	2.48538127	2.75258116	2.84249235	2.50170478
1.34465516	1.80759222	1.86335607	1.97503744	1.47346597	1.56991488	2.31067058
1.00E-04	0.28921298	0.35040757	0.3982693	1.00E-04	1.90764955	1.00E-04
1.00E-04	1.25398298	1.08445268	0.86116025	1.00E-04	0.51556887	0.30880053
5.19644464	5.58423603	4.97886727	4.85782535	5.26344155	5.62591306	5.03817382
5.28591438	5.28920472	5.0147713	5.06285278	4.64956241	4.8416918	4.458216
1.00E-04	0.16210987	0.03131284	1.00E-04	0.30780692	1.63476447	1.00E-04
3.87188083	3.98934977	4.38606548	4.41496239	3.22551537	4.00923802	4.18800578
3.8969386	3.81846785	3.86698586	4.10610216	3.39285711	3.83642762	3.86409815
3.45999623	3.52034741	3.44922728	3.52028838	3.81434079	3.96039293	3.81824055
2.65058267	3.16512814	2.62177665	2.66500494	2.48968564	3.4765387	3.38413465
1.80070615	2.4602883	2.24325882	2.25561716	2.16189807	2.42531158	2.60157664
4.10882169	4.67940164	5.66988179	5.66777815	3.60286502	4.46738726	5.45278502
3.31776235	3.54875441	3.84646072	3.93314828	3.01471461	2.71758236	3.23277136

4.27974775	4.61831403	5.23925224	5.38128283	4.11969572	4.27737955	5.15973916
1.92271613	2.74448484	3.41583722	3.42754519	2.13400583	3.02385785	3.77271994
4.19419853	4.55728513	4.71580236	4.72795697	3.56286652	3.90115637	4.31119938
2.51806377	2.36792042	2.99116151	3.02621263	1.59092379	2.1914635	2.89941043
5.93130288	6.07421117	5.66839001	5.59420765	6.17970327	6.33989913	5.60909931
2.17078136	2.37542271	2.50539858	2.6139241	1.57559523	2.00990759	2.3253272
4.34418651	4.26696702	4.18206593	4.18190504	4.34392285	3.96021756	4.04992268
1.83209499	1.61361533	1.53738101	1.20282276	3.14320142	2.98480393	2.9572021
1.00E-04	1.00E-04	0.16399044	0.12639437	1.00E-04	0.21637101	1.00E-04
1.50802166	1.25604107	0.46954743	0.56548744	1.00E-04	0.25244024	1.15947105
1.00E-04	0.27446494	0.1509897	0.03423098	1.00E-04	1.00E-04	1.00E-04
1.35173398	1.86716118	1.2768388	1.404153	1.24200602	1.36550399	1.97388152
1.00E-04	0.62919018	0.53099512	0.27943938	0.30780692	0.67121051	0.28948344
1.47226768	1.18528926	1.39686575	1.26352945	0.55964322	1.83967367	1.97748112
3.43554615	3.24427685	3.07117724	3.06195002	3.67031849	3.82957074	3.5884543
0.96429752	1.04271787	0.55098141	0.49221274	1.62959769	1.76279723	1.80726418
0.22022577	0.43279548	0.37503726	0.65060815	1.0475038	1.00E-04	0.66881163
3.90688331	4.10766089	4.05512335	3.96281287	3.50333818	4.13180866	3.45805057
2.33780444	2.63822138	2.99811874	3.07203115	1.99179336	2.60939449	2.76811032
1.54859875	1.22466371	1.07521867	1.05449936	3.97122269	3.90063714	3.18972552
1.63482393	2.04644273	1.60903282	1.83206092	1.47417323	1.63973228	2.11343402
0.45706709	1.17340351	0.61679159	0.77313512	1.70411791	0.75201971	1.49721732
0.49876998	1.00E-04	0.55004751	0.35909027	0.40975599	0.22939333	0.38212388
3.11526759	3.23797377	3.22151699	3.2853538	2.84054168	2.84771971	3.14215993
2.55434007	2.77147192	2.92382486	2.77014211	2.04972335	3.2070863	3.11920766
2.2806356	2.19199769	2.02736101	1.97047411	5.26132601	5.43641199	5.42036428
4.11103091	4.39792303	4.54998965	4.58641743	4.33516092	4.38206883	4.36558605
2.51197222	2.4451717	1.90885663	1.87166173	0.78161869	2.45612061	2.26109579
3.20035127	3.40075849	3.37047912	3.44726871	3.15335656	3.30429233	3.46172534
0.440202	1.79880021	0.45914186	0.21010402	6.69869964	6.98845568	6.49318384
0.55624391	0.07485971	0.02351083	0.07722796	1.00E-04	1.00E-04	0.13866036
0.20517817	0.23073174	0.16464828	1.00E-04	1.00E-04	1.00E-04	0.24554172
1.00E-04	1.00E-04	0.20067047	0.50888178	2.84932654	1.64266024	1.76286689
0.17300709	0.06491731	0.09013793	0.05213247	1.43736124	1.46566476	1.12618978
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42815683	0.81095743	0.4534966	0.57543054	1.17565068	0.3665052	0.9091095
2.63496587	3.42688843	3.52344172	3.7887323	2.77102948	2.99000181	3.56262782
2.75571951	3.55342067	4.10273658	4.22558319	2.75512446	2.46270625	3.52133512
2.07718373	2.73880173	3.25722233	2.80963952	2.05496854	2.76727939	2.83012605
3.83924651	4.11664309	3.71588432	3.6795334	3.64680362	3.92684554	4.05019629
3.97645936	4.19488751	3.54447032	3.36587941	4.54085284	4.60725094	3.42559573
2.46744696	2.66291083	3.1656499	3.16019934	1.76869264	2.77778597	3.30178367
4.46778766	4.48461737	4.64053931	4.59343312	4.56087905	4.62605155	4.70623312

0.62943784	0.66958393	0.50009416	0.4882128	1.74456354	1.6996152	0.53796997
1.00E-04	0.51265972	0.59187625	0.83973923	0.78234266	0.84113953	0.66677293
2.74661036	3.28224996	3.93441562	3.98189748	2.88196334	3.24872875	4.09365358
2.8602249	2.994544	3.36535499	3.61709726	1.44229606	2.21433065	2.84463369
2.60058245	3.11819437	2.87208809	3.11464218	3.48896438	2.95680725	2.80195617
1.00E-04	1.17043341	1.06080219	1.22328907	1.00E-04	0.85753344	1.78106381
0.73992582	0.46384832	0.24425242	0.2419574	1.00E-04	0.46718831	0.25370611
4.93375923	5.13799643	4.66573416	4.57506286	4.78222995	4.77472684	4.35073656
1.00E-04	1.00E-04	0.13649501	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.61500598	3.56637287	3.52901121	3.50689016	3.68780002	3.58416978	3.58928675
2.57525641	2.4899531	2.32098369	2.2703937	2.26273607	2.40330061	3.05909164
2.42841585	2.26302381	2.27404428	2.17946854	1.82510404	2.50894857	1.78890737
0.69299523	0.89800233	0.7276708	0.45220153	1.00E-04	2.36010079	1.66073231
0.86926875	1.52646902	0.62189108	0.69863826	1.00E-04	1.00E-04	0.36805794
1.00E-04	0.1408415	0.20200906	0.23891511	1.00E-04	1.00E-04	2.10155204
3.68210962	4.01400141	3.39256379	3.84673341	0.45889659	0.4284064	0.61452971
2.74567424	3.03126641	2.62195802	2.8322512	2.8325671	2.58909647	2.66308277
2.80933014	3.00804968	2.80677097	2.8771241	2.32877406	3.05197612	2.90156092
1.28788095	1.25799175	1.64246812	1.57686077	1.49778981	2.27039798	2.46299713
1.00E-04	1.00E-04	0.05372826	0.04762853	1.00E-04	1.00E-04	0.24773715
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.9084762	4.03012677	3.5812824	3.5698494	3.99591623	4.00631724	3.6319449
3.15335949	3.42989635	3.28502297	3.25768826	3.52726158	3.49026378	3.37091708
4.60882603	4.74025614	4.57405428	4.64229202	4.50903542	4.54046462	4.53473975
3.93695347	4.40680323	5.17954819	5.18442206	3.52263232	3.92346909	4.8577939
0.23251313	0.29532629	0.38975177	0.29915695	1.00E-04	0.83201611	0.13866036
1.00E-04	0.19330626	0.30802664	0.04209791	1.00E-04	0.4617736	0.17349997
1.00E-04	1.00E-04	0.08713873	0.05604194	0.54293045	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15750348	0.27237899	0.42938666	1.00E-04	1.00E-04
1.00E-04	0.06317611	0.25477447	0.300586	1.00E-04	1.11733837	1.00E-04
3.74594983	3.86672534	3.58245035	3.74505086	3.74044461	3.77897696	3.45775576
4.76243591	4.90464033	4.54517741	4.69536249	4.91078348	4.98786881	4.72630133
4.90882418	5.25832514	4.94499292	4.86462208	3.90758909	4.18112416	4.08927597
6.0683209	6.03034186	6.39528069	6.48154416	5.2599999	4.96954664	6.00501061
1.00E-04	1.00E-04	0.10545183	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.50442495	3.86480997	3.56099881	3.44390545	3.80622198	3.92091595	3.72941295
3.60527041	3.88862725	3.81181817	3.83072267	3.24258154	3.7948662	3.89249208
1.30961341	1.17246942	1.09457152	1.22541452	1.00E-04	0.86538856	1.03175319
0.73995668	0.38668803	0.63750156	0.7764343	1.00E-04	0.29729505	0.18401526
2.04033099	2.1735383	1.82071553	2.14803467	1.94487423	0.91733068	1.71205994
5.65859242	5.92280785	6.89887062	7.00796013	4.61870089	5.19987627	6.38027896
5.40040037	5.77679459	6.59804413	6.72160444	4.80736522	4.92993677	6.08264458
2.57317691	3.20706507	3.55499779	3.74421708	2.91386768	3.37218601	3.75957473

5.26954441	5.57680917	6.42033748	6.49804615	4.86238955	5.18096664	6.4097236
5.16876565	5.21401059	5.78313483	5.82268656	4.75774067	4.6874766	5.60361132
3.36244472	3.53094857	3.28210644	3.35819419	4.68537655	4.36373702	3.79577025
1.56058605	2.27043359	2.26714708	2.91007496	2.18696519	2.69332411	2.80610882
4.54372356	4.64591455	4.11555473	4.12881793	4.77923668	4.80165999	4.04241929
2.15722249	1.87804704	1.78558707	1.94179332	2.71806525	3.00563911	2.42979803
1.00E-04	0.8727759	0.37073868	0.80577041	1.00E-04	1.00E-04	0.36478585
1.19020143	1.58005685	1.65654574	1.36078461	1.00E-04	1.19379808	1.86726082
3.77544511	3.9369722	3.48639022	3.7177096	4.34169081	4.25593046	3.90904055
1.59095358	1.8197901	1.54709444	1.27526387	2.23784137	2.49892767	1.97155504
4.23980572	4.42047788	4.43490085	4.45478607	3.92035822	4.11778595	4.35201712
4.50405322	4.89683886	4.56594462	4.6884111	5.13438327	5.1443273	4.67390498
1.88222906	1.1933085	1.31217032	1.47440926	2.95918371	2.95421481	2.90432896
0.41099782	1.61441005	1.13004135	1.18690114	0.92811669	1.12714792	1.44189326
2.48009004	2.15893967	2.19455263	2.09455873	2.07368608	2.32021843	2.2011729
3.4330285	3.40232506	2.99208529	2.88666138	3.44355702	3.35147732	3.0992864
1.00E-04	1.00E-04	0.6468557	0.69749472	1.00E-04	0.71420998	0.43921292
4.28097234	4.10320535	4.20157612	4.03739113	1.00E-04	0.63982044	1.03751414
1.00E-04	0.93966066	0.58558489	0.63303862	1.00E-04	1.09284848	1.00E-04
1.23206249	0.97309522	1.25897108	1.15839487	1.88654522	1.48059703	1.07940401
1.00E-04	0.42322587	0.45990672	0.62846216	1.00E-04	0.98919396	1.00E-04
0.56289386	1.64919331	1.0122682	1.18093415	1.14252367	1.4008291	1.97189515
0.64646148	1.71195866	0.49197387	0.67387078	1.00E-04	0.26855651	0.26041448
1.00E-04	0.32632358	0.09254656	0.10981845	0.65823999	1.00E-04	0.09464396
3.6365099	3.92160946	4.15340301	4.07957095	3.64743485	4.13055907	4.38924183
4.42193576	4.51962811	4.02753506	4.10628602	4.52722021	4.58491709	4.35592978
1.00E-04	1.00E-04	0.1158692	0.13788582	0.84840873	1.00E-04	1.00E-04
0.334196	1.00E-04	0.18321562	0.15010221	0.49833685	0.59751446	1.00E-04
1.00E-04	0.62636461	0.57150686	0.39452915	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22632221	0.36188736	0.17659457	1.00E-04	0.22143361	1.00E-04
1.31645172	1.44319507	0.87475779	0.84992584	0.54065888	1.13859237	0.44379634
1.30131436	0.44828977	0.97616598	1.17925237	1.00E-04	0.98797777	1.44103636
0.75916755	0.91614421	0.50981721	0.92245617	1.00E-04	0.82868305	0.23648577
1.00E-04	0.0654374	1.00E-04	0.22782102	1.00E-04	1.00E-04	1.00E-04
4.98491464	5.19027628	4.86096152	4.74990226	4.88980524	5.04896095	4.68649417
0.56650422	0.15610278	0.17406388	0.70703778	4.009636	3.70026487	3.55211307
1.00E-04	1.00E-04	1.00E-04	0.05590741	1.00E-04	1.00E-04	1.00E-04
3.71407924	3.91951046	3.60282899	3.63512589	3.9797657	3.89000984	3.57867804
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78094411	1.00E-04	1.00E-04
1.00E-04	0.1984115	0.08102115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29215245	0.34068877	0.58333537	0.24496797	0.45109589	0.86461186
1.30141699	1.51531942	1.24202532	1.29007201	1.00E-04	0.86682002	1.06637007
1.00E-04	1.00E-04	0.28901983	0.17495462	1.00E-04	0.27606067	0.07440699

1.00E-04	0.6321657	0.22653994	0.44985743	1.00E-04	0.48521089	0.57187653
3.95947659	3.72853446	3.77839316	3.87151644	3.72498336	3.77214421	3.59578998
0.29820791	0.50044342	0.73466796	0.61165805	1.00E-04	0.50307457	0.96517171
1.73266501	1.60406018	2.22182362	2.23745777	0.87607533	1.87211062	2.58043204
2.91230633	3.23057458	3.05565091	3.30664738	1.01819802	1.52799728	1.40146342
1.72697738	2.37409122	2.21559241	1.66210733	3.26572801	3.08540789	3.58319976
2.20974082	1.90232075	2.82555186	2.62408343	3.7302885	2.97252079	3.29997527
1.00E-04	1.315369	0.89766865	0.9265388	3.95329918	3.51316677	3.06663701
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.06055864	5.13468321	4.74774722	4.73243393	4.73769359	4.99305164	4.88930893
3.74524742	3.79004761	3.79229351	3.83390364	3.95974835	4.23161069	4.2918142
3.32798721	3.17101756	3.47219397	3.62900172	3.06199478	3.40276103	3.55088218
0.51324366	1.4634096	0.58230352	0.74448141	0.69158286	0.65933839	0.50311024
1.00E-04	1.00E-04	0.11106269	0.112047	1.00E-04	1.00E-04	1.00E-04
4.49342756	4.73820833	4.08118312	4.16194226	3.59199038	4.95403867	4.24963275
0.93509483	1.266077	1.29737576	1.23551217	1.00E-04	1.17965403	1.36257686
2.46777255	2.72086372	2.50003864	2.5491868	1.79926107	2.3204825	2.27978259
5.07335232	5.23720147	4.79613286	4.74723359	5.20786157	5.2324005	4.58874282
2.75062466	2.67104244	3.04738185	3.12152604	2.76158001	2.66917045	2.62812537
2.23984106	2.61276646	2.63902371	2.77760196	1.59747513	2.29918048	2.52874294
3.321428	3.60772265	4.30736146	4.37501618	2.97955474	3.7251284	4.5903741
2.18359014	2.55053708	3.01258237	3.08077064	1.65679964	2.07814037	2.96121211
1.16748167	0.82882851	1.79776241	1.91501975	1.09576761	0.11240321	2.19477704
1.51856978	1.74626391	1.74376133	1.1991621	1.31822676	2.07711387	1.1369128
5.63154625	6.12999924	6.85070392	7.05479166	5.52290882	5.89874563	6.81132391
2.27710057	2.38811316	2.91281503	2.88439768	1.58959679	2.14053381	2.7609588
3.8625985	4.1008385	4.34579942	4.37402839	3.57308583	4.16205301	4.43904723
2.2233003	2.77060498	3.39279289	3.59890854	2.38089289	2.79498577	3.70366037
3.17693395	3.48487875	4.23908561	4.42196511	3.24579546	3.44570167	4.40055464
3.76923728	4.14081723	4.00059141	3.95424217	3.72431078	4.03644814	4.02516735
2.75987926	3.42387465	3.02855488	3.19545804	3.08972665	3.05789418	3.53704577
4.41712819	5.28593162	4.08350118	3.98914872	4.04370134	5.29465301	3.95310416
4.45584367	4.74287863	4.39049706	4.30786686	5.6344234	5.95751544	5.47317922
4.03665507	4.26513973	3.99738445	4.02619326	3.7594308	3.74988563	3.50401279
3.04452799	3.39994391	3.35109249	3.53994778	3.57077499	2.83605255	3.0999462
2.32027957	2.64698583	2.76428752	2.73858839	2.76602765	2.1958389	2.45895663
4.7182248	4.81976263	4.46171908	4.34563793	4.90727544	4.98523572	4.65108872
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2.50029652	3.05636361	3.07272266	3.08214867	2.11312297	2.81619449	2.84775253
3.4574577	3.79213863	3.9255973	4.01757422	2.93955861	3.77398623	3.76679458
4.09182842	4.50746683	4.80801624	4.95643865	3.65919249	4.20486362	4.68645736
3.714765	3.84371199	3.78485366	3.84651501	4.16926955	4.02634264	4.05111773

5.23737424	5.48613152	5.20925204	5.3539355	5.15370842	5.33532675	5.18620331
3.95039368	4.1404023	3.97391099	4.0061267	3.67796757	3.79422402	3.87750231
4.13284657	4.55784481	4.54375043	4.72053459	3.69955769	4.17321406	4.28903616
4.79061855	4.99667113	5.54151859	5.57884306	4.48020873	4.86132285	5.49289157
4.150873	4.67358203	5.37515181	5.42599079	3.67402921	3.9937729	5.34222134
3.69306205	4.14466451	4.72989815	4.84838685	3.09919529	3.21430759	4.62876781
4.91136839	5.2562827	5.4539165	5.49218124	4.91717999	5.00032713	5.50720943
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4.13662719	4.50834343	4.61326605	4.6076975	4.44031411	4.52257414	5.02554762
4.40583232	4.64551142	4.99828253	4.9911405	4.19261513	4.47365666	4.974978
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3.49115199	3.6944226	3.48366713	3.49458128	4.19871386	3.93111093	3.45513838
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4.64995997	5.23423694	5.27254471	5.22799878	5.22723452	5.19491525	5.29844206
3.78497886	3.99495319	4.23084216	4.39082497	3.55213351	3.33637815	4.24413137
2.22247422	1.96239194	1.99899972	2.08171983	1.00E-04	0.45109589	1.11337766
4.42174497	4.72941175	4.65863937	4.66351382	3.69561293	4.23749086	4.42078299
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2.16937808	1.94644475	2.23681227	2.24068507	1.10823394	1.65225339	2.05262244
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47909822	1.06099778	0.45909632	0.5953728	1.00E-04	0.38529299	1.00E-04
0.29002183	1.00E-04	0.04989137	1.00E-04	1.00E-04	0.70661923	1.00E-04
5.68372877	5.88591991	5.66404427	5.73748334	5.78308138	6.14420487	5.85136611
4.77783937	5.00297143	4.61564297	4.65040146	5.04082219	5.13412341	4.75726639
1.00E-04	0.69027579	0.90342906	1.10723608	1.00E-04	1.00E-04	0.98728935

3.7029468	4.00011981	3.88348003	3.90892553	3.58736407	4.0803613	3.68738778
0.35973839	0.53547728	0.52482814	0.9873689	0.68576927	0.62134344	0.85247142
1.00E-04	1.00E-04	1.00E-04	0.03023267	1.00E-04	1.00E-04	1.00E-04
0.66457747	0.46915594	0.11546822	0.15073461	1.89479308	2.24027064	0.90767399
1.9783637	2.03090163	2.36501535	2.13244132	1.38025626	2.2190749	2.13624346
4.80978291	4.98606772	4.82594629	4.802568	4.95354424	5.41587391	4.89175047
3.92827858	3.81247342	3.62085365	3.83844067	3.42733009	3.7089092	3.33174911
4.69358568	4.6802131	4.26572595	4.08030695	4.16208283	4.19494234	3.5115016
3.8770483	4.22521342	3.56283902	3.42310842	4.75899798	5.01465792	4.70332034
1.19456928	1.02043176	1.05267752	1.25397349	2.68398568	3.16207996	3.06789219
6.60096628	6.62561448	6.2144129	6.15698033	7.30916162	7.51978199	7.14169586
3.07839512	3.3523155	3.1116342	3.12280181	3.09089212	2.66405344	2.62039019
0.33269365	1.09043341	0.4785975	0.66130736	1.00E-04	0.40179705	0.59664414
0.38989843	0.18742402	0.26186968	0.29258614	1.00E-04	0.27261609	0.38676995
2.58275896	2.06280808	2.5836226	2.69561913	2.53669983	2.43964641	3.28432511
4.30393331	4.59447011	4.28458618	4.49603551	4.59221563	4.78898195	4.66224385
4.07088397	3.96873668	3.79285993	4.01486513	4.2334383	4.38497609	4.08317194
0.30064046	0.28319007	0.27106353	0.28515657	1.00E-04	0.19340846	1.00E-04
3.37303863	3.74020223	3.5513153	3.56016462	3.87105604	3.32822024	3.20331428
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.51781226	4.01690184	4.91970573	4.88884093	3.13811708	3.14315895	4.22345277
3.36219738	4.0738913	4.2660949	4.37128427	3.44773383	3.51831963	4.22924056
2.18831393	2.72739505	3.45350041	3.50768984	2.09304403	2.46310415	3.33505134
2.60862417	2.77439023	3.2944036	3.41644575	2.86986684	2.72750686	3.45534584
1.00E-04	1.00E-04	1.00E-04	0.1113717	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17336928	1.00E-04	1.00E-04	1.00E-04	0.26655643
1.30201068	1.6736757	1.53309301	1.7105065	0.54258268	0.57262486	0.20772946
5.27017542	5.21736869	5.04139032	5.02562006	5.59691697	5.62848709	5.27795393
0.66403367	0.22092953	0.39293303	0.25520358	1.00E-04	0.59800723	0.53875105
1.00E-04	1.00E-04	0.04354332	0.06814984	2.11972929	2.32426939	1.71353687
3.58178155	3.62981867	3.36874784	3.52504825	3.14405378	3.00593497	3.0763341
3.80764198	3.72869405	3.62151841	3.73515511	3.72409773	3.76381255	3.79560763
3.36570746	3.86612875	3.33432283	3.19222467	3.65987873	3.6882845	3.36940325
4.91407239	5.06761978	4.74484364	4.51990407	5.09485617	5.21407187	4.76676936
1.71446763	2.19774573	2.58096155	2.65001613	2.02559605	2.20452873	2.52360185
2.01967424	2.2263257	2.35344678	2.56707935	2.5900746	2.52854803	2.12334682
1.00E-04	0.36832805	1.00E-04	0.1013442	1.00E-04	0.78008549	0.59872474
4.82318304	4.81085508	4.66868709	4.59763997	3.95903623	4.08580812	3.93254216
2.40168722	2.55144191	2.62060038	2.65837006	2.52256744	2.50958716	2.56203723
3.29591291	3.49846365	3.6563243	3.56783149	2.9182173	3.27845446	3.37989093
3.26311216	3.65787364	3.45148076	3.54938397	3.79842722	3.66257117	3.56943137
3.39693383	3.71947551	3.79294406	3.83861912	3.03986477	3.67657346	3.74580782
1.38901274	1.79477315	2.07273699	2.14597685	0.35320673	1.18812074	2.11265431

2.58058459	3.30623096	4.23369534	4.31795834	2.41519915	3.12580717	4.12967003
2.9200145	3.55471497	4.1984762	4.29663941	3.08990625	3.12269624	3.55648032
2.4036373	3.040952	3.10938208	3.17377407	2.41846306	2.60513779	2.76764001
0.83290904	1.69819762	2.16472458	2.08144106	1.26868282	1.84789417	2.59997267
1.00E-04	1.00E-04	0.04185622	1.00E-04	1.00E-04	0.12583522	1.00E-04
2.17954197	2.86459568	2.92223358	3.16733792	2.95622618	2.17351822	2.94285313
0.12498368	0.6397236	0.51816479	0.35708127	1.00E-04	1.27749429	0.5220609
1.00E-04	0.25643684	0.14099331	0.14525356	1.22436468	1.00E-04	0.46510982
1.82821778	2.65225849	3.07502736	3.24233656	1.86447055	2.64788035	3.28356932
0.56110974	0.50267675	0.9107896	1.05466914	0.56063254	0.2210583	0.7991474
0.23269999	0.39078217	0.43615636	0.5044202	1.23470508	0.46246486	1.00E-04
2.00592226	2.21984618	2.1163632	2.05232871	5.19440406	4.78690795	4.29450497
0.77598953	1.45130588	0.61074462	0.68764378	1.00E-04	1.00E-04	0.72205018
3.42956734	3.5899565	3.39903012	3.5111701	3.00301003	3.60470393	3.15012159
2.62237764	2.80247107	2.82792356	3.04529881	2.54272079	2.85714843	2.66567253
7.05835121	7.16636091	6.91255751	6.59071901	6.54934662	6.81960173	6.60224702
1.35946326	1.75890106	1.88263277	1.60659624	2.83078013	2.84675703	2.88207465
1.97015327	1.79107746	1.31513841	1.18941486	1.61098986	2.16163807	2.24977407
0.20240821	0.55320235	0.16412321	0.9965658	1.00E-04	1.00E-04	0.45780929
0.19142737	0.24431554	0.52946546	0.32805541	0.50894684	0.12583522	1.00E-04
4.94525491	5.43408152	6.19991119	6.45484345	4.13934051	4.9368034	5.92104954
4.29755204	4.33281848	3.86090077	3.91100327	4.29257052	4.1943136	3.69025095
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68552334	1.00E-04	1.00E-04
0.81533621	1.78997904	0.91595951	0.86403307	1.49771292	1.35842299	1.45211057
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30959015
1.00E-04	0.35045008	0.02920519	0.47181302	0.4683059	0.62290955	0.30880053
2.373185	2.08297907	2.03780632	1.94505604	1.68783321	2.17584283	1.80659646
0.16263232	0.14903946	0.25693771	0.4518979	0.63852815	1.00E-04	0.62337764
1.00E-04	1.00E-04	0.0264565	0.26807336	0.87446197	1.65832267	0.40593783
1.00335611	0.8123266	0.73152794	0.87966204	0.51366621	1.67439633	0.16885696
1.34826979	1.63640999	1.50836919	1.66104356	0.992651	0.77348658	1.58366796
1.00E-04	1.00E-04	0.09976154	0.06806684	1.00E-04	1.00E-04	1.00879415
0.40237598	1.18231718	1.00262313	0.71442025	1.19883242	0.63117232	0.57892071
0.17537753	1.73294551	1.1939978	0.99802658	1.00E-04	1.28032015	1.08153726
4.87567161	5.21130206	5.60458043	5.59189658	4.25002128	4.49836084	5.33923798
3.13054258	3.16836717	3.3574003	3.39666478	3.30591788	2.72132022	2.73710165
2.56382371	2.37347325	2.99725173	2.67311157	1.93337745	1.81483055	3.79131384
1.00E-04	0.3184391	0.31246575	0.34576281	1.60731708	0.72559189	0.74175425
3.54384022	3.80650089	3.74808303	3.7292373	3.35134396	3.53120041	3.38427062
1.13513964	1.1284391	1.33557053	1.17261921	1.00E-04	0.74206634	1.29619004
1.97993303	1.90085942	0.54962095	0.77275116	3.81016533	2.70508151	2.28035729
3.27006381	3.78376209	3.1775314	3.40802654	3.43637263	3.90558158	2.84525585

0.19142737	0.19067883	0.05362114	1.00E-04	1.00E-04	1.00E-04	0.11565659
1.9108902	1.91127488	1.23431262	1.41901629	2.22114696	2.14942789	1.5055987
0.14248997	1.00E-04	0.33535109	0.60438227	1.00E-04	1.00E-04	0.16439448
1.00E-04	1.6062647	0.71294854	1.24655006	1.00E-04	1.07587675	1.89436211
3.02902165	3.28376113	3.27843234	3.33943425	2.02748441	1.81678201	2.09314338
0.80147426	2.4827118	1.82392223	1.55744171	1.00E-04	1.68318878	0.7356272
0.23730925	1.00E-04	0.03783528	0.12969595	0.51102197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05100978	1.00E-04	1.00E-04	1.00E-04
3.99514537	4.22678355	4.29631826	4.3301037	3.7299901	4.26899641	4.64051577
1.00E-04	0.68842161	0.15772643	0.42761823	0.61235854	1.00E-04	0.74307247
1.00E-04	1.00E-04	0.47183119	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76726777	0.16185034	0.99017339	0.88250822	1.00E-04	0.65057689	0.50907966
4.09457489	4.24446089	4.04881031	3.91620023	4.1679462	4.04968025	3.90378434
2.52250539	2.62595085	2.20856367	2.30813604	2.27519479	2.70735703	2.7647079
2.54041048	1.67568861	1.97187276	1.97706971	1.83848793	1.72777615	1.8295639
2.48819043	2.78863141	2.48624043	2.63899662	3.42576046	2.82161536	3.0664019
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56521456	2.68637291	2.78725825	2.9097757	2.32866747	2.87619	2.9084664
3.53757351	3.87429739	4.41212044	4.46558314	3.21591491	3.53787128	4.4725596
2.36679372	2.53689588	2.25016851	2.45217975	2.25369058	2.40192315	1.89363532
3.15893841	3.2977015	3.67777841	3.76716162	1.00E-04	0.44945293	0.11699513
5.45881681	5.54458086	5.19815884	5.18450929	5.4607424	5.65822804	5.08242839
4.71097406	4.73432702	4.27623451	4.26005462	4.75057802	4.74160541	4.28615017
2.82051412	3.60185101	2.67289665	2.66749276	0.97746664	1.89584872	3.02953576
5.98440087	5.8766418	5.74630756	5.56170624	5.55470782	5.95000236	5.4816518
1.80596313	1.85063851	1.54606	1.71634306	2.9679551	2.56615015	2.74925789
2.92119598	3.21258574	2.58938483	2.84698418	3.89142048	4.50152114	3.97747045
0.41892867	1.70249672	1.06586774	1.0291235	2.53587387	2.7884041	1.91841432
0.98717613	2.00217076	1.30517686	1.69569076	1.16239689	2.04249088	1.41067247
1.00E-04	0.19453493	0.33438937	0.48717917	1.00E-04	1.00E-04	0.41306813
2.88025468	3.27739555	2.86666641	2.68298985	2.81916328	1.76008605	0.94324428
1.00E-04	0.53766225	0.72849386	0.77198179	0.60156552	0.52347339	1.46246614
5.62260718	5.83151563	5.58165276	5.57979679	5.35889693	5.56583407	5.43794691
4.86278733	5.17466665	4.5258799	4.50366503	5.20187911	5.48861539	4.7567949
1.00E-04	0.87949241	0.45558003	0.18359465	1.10847944	1.24052492	0.56074123
0.14248997	1.00E-04	0.50540436	0.85121624	1.00E-04	1.00E-04	0.6515442
3.63581968	3.51624445	3.17910715	3.27852417	3.85391792	3.94676412	3.47341548
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35811136
0.66059966	1.00E-04	0.08255959	0.14511028	1.00E-04	1.00E-04	0.1362077
0.40559899	0.30553479	0.1829948	0.46725694	1.00E-04	0.40198727	1.00E-04
0.52060947	1.15943532	0.11699835	0.39287558	0.48823099	1.96278978	0.52551667
0.59973957	0.0644423	0.16932499	0.12775792	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74146862	0.13620967	0.11317296	1.00E-04	0.491838	1.00E-04

0.12498368	1.00E-04	0.04965192	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98096427	0.56185875	0.82886975	0.70487384	0.24496797	0.72931951	1.08880574
1.00E-04	0.18753824	0.0655374	1.00E-04	2.20133698	1.51148883	0.9363731
1.00E-04	0.29139085	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1452216	0.25398458	6.07349711	4.62256654	4.52184518
3.03711688	3.38875725	2.86083195	2.64353926	1.00E-04	0.70082825	0.52998199
1.00E-04	1.00E-04	1.00E-04	0.0408371	1.00E-04	0.77796666	1.00E-04
1.00E-04	0.26451635	0.31802588	0.20613133	1.00E-04	1.00E-04	1.00E-04
1.04238992	1.73611136	1.51628006	2.24161982	1.41334017	1.85064123	1.7265278
1.36345383	1.6463909	1.6032418	1.7423592	1.65801124	2.9117901	2.35514764
1.00E-04	1.00E-04	0.21177191	0.10516513	1.00E-04	0.57577492	1.00E-04
0.74678515	0.96612355	0.80527068	0.4815082	1.00E-04	1.00E-04	0.36091947
1.00E-04	0.64533813	0.36813132	0.07886269	1.00E-04	1.00E-04	1.00E-04
2.39346873	2.72056571	2.65511254	2.84554314	4.0750781	4.06086833	3.45108711
2.85547873	3.27109447	2.74031013	2.86059951	3.25297012	3.15041825	3.22505283
2.23256729	2.48439859	2.83092024	2.89210218	2.73987874	3.19909137	3.03681997
2.60009897	2.90694094	2.34140544	2.67478346	2.19230308	2.23797428	0.87404778
1.00E-04	1.00E-04	0.17008106	0.15747663	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26689949	1.00E-04	1.00E-04	0.40975599	0.28135532	1.00E-04
0.68995726	0.39257527	0.55569654	0.98598926	0.24496797	1.05688287	1.42387001
1.00E-04	1.00E-04	0.04037362	0.28418854	1.00E-04	1.00E-04	1.00E-04
4.17711677	4.42739273	4.29847276	4.37861087	3.82666027	4.17000195	4.0869068
5.78306937	5.79595947	5.57906473	5.60258214	5.76854787	5.85266659	5.39132743
3.92065152	4.08148217	3.83055151	3.71187534	4.68069724	4.81770014	4.34287826
0.85019861	1.58555379	1.12724667	0.9873267	3.26394584	3.29797305	2.48321948
1.00E-04	1.00E-04	0.03176017	0.13745682	1.00E-04	0.28215124	1.00E-04
1.08581165	1.24773755	1.77192543	1.77748011	0.52105756	0.50174359	0.77185175
1.00E-04	1.00E-04	1.00E-04	0.05414211	1.00E-04	1.00E-04	1.00E-04
5.23703573	6.09693966	4.87018488	4.64365937	5.10820925	6.48095263	4.64951214
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10629301	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05625675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37003718	2.42985861	2.65354573	2.56933553	2.28345218	2.66203182	2.87383984
3.61464991	3.80406239	3.72018565	3.767981	3.69175398	3.54538183	3.39013205
4.01973896	4.42569257	3.81946307	3.92314404	3.36311252	3.87469604	3.58081784
1.00E-04	1.00E-04	1.00E-04	0.06814984	1.00E-04	1.00E-04	1.00E-04
0.23109052	0.78434491	0.5777226	0.62823938	1.00E-04	0.70609	1.07273531
1.06922287	1.04263309	0.92179939	0.55659558	1.00E-04	1.00E-04	0.62744434
1.54095601	2.33083204	0.55453643	1.1752432	0.40912496	1.78875918	0.32432879
5.46546184	5.61623067	5.36340475	5.37850239	5.59673145	5.93930275	5.49122634
4.57217695	4.64428087	4.09568575	4.30936581	5.6625971	5.71429228	5.25827028
1.26551932	1.15854828	1.17652081	1.38306943	1.042169	1.34036302	0.63161833

3.1180796	3.31298094	3.77150002	3.78657147	3.36894211	3.53906188	4.17550811
0.90357066	1.62049084	1.29249475	1.44542164	1.17522907	1.54655934	1.00017587
3.53460527	3.82703321	3.40939622	3.36484997	3.19610627	3.69055962	3.45401283
3.2535222	3.03352582	2.80552918	2.8828226	3.16739297	2.66273368	2.83963889
3.84786504	3.87247363	3.8182009	3.89817486	3.71135678	4.03966319	3.85268555
4.64314074	4.75589757	4.26385991	4.29682725	4.80802745	4.93294991	4.40410266
1.38332562	1.52681637	1.38474463	1.13896571	0.97729937	1.69918916	1.20748194
4.43567865	4.53561665	4.23570443	4.27263147	4.82108822	4.75236918	4.49703594
3.41121027	3.28300022	2.98488059	2.95393674	3.27528146	3.10174999	3.3913017
0.37842934	2.03401929	1.65527477	1.02258429	1.00E-04	1.8799396	2.73842839
1.87432428	2.11274386	2.07377635	2.14240175	2.39361235	1.85346147	1.68338083
1.00E-04	0.31142324	0.06191166	0.05845657	0.82056047	0.42921224	0.34032951
2.11820333	2.06287083	0.93888205	1.29962569	1.00E-04	1.00E-04	1.00E-04
1.94897641	2.28568432	2.66860537	2.65936465	1.57937783	1.89387121	2.47701408
3.83923164	3.72005814	3.60178865	3.4268525	5.42994556	5.69399348	5.26255463
4.01367512	4.22122426	4.24210826	4.21709277	4.48382053	4.68276922	4.59260774
3.00376455	3.59520931	3.92148423	4.0174169	3.08059245	3.03458281	3.98158017
3.36086184	3.81107846	4.43808459	4.4899106	3.14745096	3.7324829	4.35899926
4.00770245	4.32007057	3.86066592	3.79846229	3.94789217	4.33349156	4.01713938
1.59003339	1.47018306	1.66543514	1.72110755	1.02825153	2.01697302	1.74953484
3.87274265	4.04385401	3.55056524	3.49237139	4.20029831	4.06193623	3.77805648
4.06951171	3.93301632	4.11065375	4.10619374	3.87536144	4.06807114	3.82277442
0.53836304	0.88670577	1.15954352	0.8972228	1.15093088	1.16876101	1.83942605
0.98045966	1.70248261	1.05269693	1.24495691	1.00E-04	2.35315964	1.19414544
1.00E-04	0.25270703	0.04374869	1.00E-04	1.00E-04	1.00E-04	0.07440699
0.75816457	1.52921925	1.63763095	0.92119179	1.00E-04	0.11466061	1.75175017
1.00E-04	0.61208773	0.44638609	0.28026332	1.04464066	0.16898238	1.00E-04
0.39466201	0.44390206	0.28870287	0.06227295	1.00E-04	1.00E-04	1.00E-04
3.82119625	4.16500081	4.31823352	4.27233384	3.7548817	4.06443319	4.27752123
2.25361361	2.55711194	2.34621904	2.8071327	1.95702516	2.58957585	2.34018074
2.38683487	2.5197533	2.22826598	2.2713596	2.35225639	1.8396155	2.56352831
0.66087715	1.00E-04	0.41557932	0.85529651	1.44003821	1.27637279	1.44436463
2.60969088	2.89741109	2.65803773	2.74714065	2.85842669	2.72122662	3.03617958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.90157497	3.87927333	3.88908977	3.60573438	3.77113425	3.46287762	3.12237913
6.23251886	6.31807317	5.95019441	5.77951755	5.36724999	4.98272447	4.0981544
1.00E-04	0.27825795	0.2589011	0.36737939	1.00E-04	0.61513211	1.00E-04
4.71923127	4.69069987	4.60970563	4.70913691	4.19658498	4.23759637	4.42301784
4.79191379	4.96171908	4.71978508	4.73246132	5.0567239	5.23817514	4.93053182
3.45054843	3.29205307	3.2583294	3.14936789	3.06998996	2.98956148	3.34500143
2.22791755	2.69976589	2.97263333	2.98981408	3.1474482	3.52918217	3.89045376
4.54984365	4.78535428	4.65324371	4.6654216	5.30759167	5.50994875	5.46683848
1.4026333	1.4898194	1.03709954	1.03338366	0.92987397	1.41593563	1.17171187

0.7429784	0.76034055	1.15615368	1.16884199	0.9188502	0.85477996	1.73463549
1.00E-04	0.52337813	0.16401594	0.07089357	1.00E-04	0.50170541	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29774662	0.7318616	0.56126398	0.6310368	1.00E-04	1.00E-04	0.26565655
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.60681047	0.18252318	0.28907192	0.40975599	1.00E-04	0.66238423
0.40302225	0.4682408	0.72525595	1.01216337	0.94208228	1.00E-04	0.57425921
4.8795633	5.03858404	4.61411579	4.58383638	4.97613628	5.08147529	4.8428342
1.14667626	0.24484958	0.41016436	0.07578277	1.00E-04	1.00E-04	1.00E-04
3.18913102	3.48849287	3.73137958	3.93451597	2.88653955	3.274772	3.9278156
4.05862828	4.26194166	4.30566608	4.30508786	4.01363167	4.16379273	4.175866
1.00E-04	0.1281413	0.07940565	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.54275268	0.35568447	0.37861597	0.87334262	0.77902456	0.64580442
1.46602697	1.56236196	1.39931095	1.39681869	1.00E-04	0.47271466	0.3392339
1.00E-04	0.42832757	0.33304488	0.17825024	0.42197018	1.00E-04	1.00E-04
2.30227233	3.1703983	2.91515127	2.02790088	3.3743224	3.88027661	3.39053388
0.85751504	2.12607976	1.25911669	1.2927779	1.00E-04	0.73429523	1.00E-04
1.00E-04	1.67465084	0.57233098	0.52976047	1.00E-04	0.87776007	0.34861727
0.2375689	0.405671	0.69140566	0.9749647	0.54293045	0.63052051	0.93383012
2.52947556	2.80233335	3.15519089	3.10816377	2.56194152	2.92818227	3.22373207
1.00E-04	1.00E-04	0.09883975	0.08584052	1.00E-04	1.00E-04	0.21969743
2.33174364	1.86326951	1.62848841	1.87529631	1.16337086	1.50565706	0.49827357
1.56396883	1.56758925	2.13393754	2.39986004	1.92794511	1.66125746	1.62464941
3.99087144	3.95189535	4.18737935	4.28585118	4.16992109	4.41748992	4.0799966
6.1045122	6.12558272	5.70096666	5.63040431	4.9918697	5.01588201	4.52138463
2.6538055	2.00191593	1.94103873	1.91417112	1.00E-04	1.00E-04	0.49601639
3.51820171	3.73517973	3.44140936	3.54981887	3.77909096	3.46888231	3.59218617
4.17002512	4.54375618	4.24676549	4.06624065	4.11143831	4.51379026	4.62427742
3.90054845	4.03929675	3.93179492	3.91622728	4.47483268	4.15968878	4.05740968
3.82000913	4.34954398	4.99263551	5.00113484	2.94207907	3.67893417	4.55966746
2.98958608	3.21534419	3.25091586	3.51585046	3.716104	3.67034646	3.45356144
2.87688698	2.83300856	2.91216637	2.7971209	2.26462861	3.02196975	2.78338249
1.16503783	1.85771858	1.99910169	2.08441664	1.59445434	1.67858915	2.09402716
3.07402038	2.99653814	3.65358157	3.72129325	2.13956582	2.62940784	3.90137259
4.39794113	4.64653386	4.18508372	4.20481373	4.91667336	4.93892493	4.66730997
1.00E-04	0.23497834	0.11611223	0.14438216	1.00E-04	1.00E-04	0.67892208
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.50869522	6.26568478	6.16247546	6.21748191	5.46820751	5.34901292	5.11593091
3.69334339	3.45567075	3.70385008	3.65856525	1.25501943	2.88098774	4.04988603
0.58710854	1.00E-04	0.0291356	0.46872846	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47726039	0.50306795	0.73288524	0.42197018	1.05502059	0.79835175
3.2300484	3.39144222	3.21859532	3.37588231	3.14956627	3.22299496	2.98931596
1.00E-04	0.36889407	0.11851176	0.19165764	1.00E-04	1.00E-04	1.00E-04

0.39874234	0.39083886	0.24629535	0.30880585	0.82056047	0.22939333	0.86955915
0.9528341	1.00299071	0.81588039	0.70243777	2.3993861	2.72934921	2.88559738
5.30777669	5.41455489	4.82966366	4.87114325	6.89320524	6.58761907	5.94077394
1.78316541	2.05408584	1.62829611	1.05948367	1.00E-04	0.58748538	0.53740686
1.00E-04	1.00E-04	0.05180353	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55781613	1.97187037	2.66035911	2.65911411	1.30369071	0.90968467	2.5877818
1.12545774	0.56954946	0.5871505	0.8440206	1.00E-04	0.65202755	0.11565659
1.00E-04	0.29351634	0.12556162	0.33063361	1.00E-04	1.20430184	0.46151825
0.47613601	0.84757652	0.55887917	0.66417463	2.53867855	2.94339669	2.58180006
3.20247469	3.74176221	4.14618309	4.24079511	3.16025655	3.37060457	3.65893447
3.99054392	4.14534501	4.45732368	4.57566843	4.44844602	4.8031988	5.21699984
2.83687385	2.71797243	2.18485589	2.31287703	4.78703728	5.22520621	4.64556701
1.57992082	2.25636828	2.14976452	2.25496775	2.14914654	2.05128294	2.15013321
5.86587487	5.80568022	5.71812219	5.71248287	4.54289544	4.74551426	4.53118473
0.22022577	0.74733605	0.46307877	0.26969319	1.00E-04	1.36253724	0.1362077
4.60586273	4.81378848	4.45489323	4.53002886	4.54500892	4.83431858	4.40762064
0.36313683	0.22341688	0.1978507	0.46970024	1.00E-04	0.35022614	1.00E-04
2.60877012	2.67820475	2.49965894	2.57515387	2.33434286	2.89451868	2.12024924
3.52353486	3.25925795	3.01628871	3.05445575	4.05498029	3.64593304	3.22711554
1.38673016	1.01872493	1.08312924	1.33957766	1.17272508	2.25339922	1.43831691
0.68487439	1.16508079	0.77537846	1.03348196	1.35825468	1.57998484	0.43431572
3.8341723	4.18404683	3.78969449	3.92623683	4.22320121	4.44638264	3.9049004
4.94652764	5.04453248	4.52324961	4.54232042	4.91768973	4.88882925	4.56696273
3.68242001	3.93635048	3.98573214	4.23372953	2.94189901	3.04341648	3.55007766
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05503393	1.00E-04	0.04753134	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26867955	0.04732804	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.8082049	5.99141315	5.47456764	5.4553947	6.22869906	6.42199737	5.7841621
3.91973422	4.13087617	3.886892	3.96783748	4.15781337	3.95044614	4.5365854
4.94917569	5.19900795	4.87738666	4.82921573	5.32247602	5.5263694	5.18752962
5.97650973	6.04439599	5.52273816	5.52578369	5.70833398	5.72775878	5.18361224
2.58212376	3.12635122	3.02455055	3.28944646	2.82734195	3.45858898	2.94951357
2.2109512	2.34490772	2.10851267	2.39191829	1.87278784	2.06006908	2.18486126
3.15578911	3.37461166	3.20665118	3.35138317	3.64730498	3.85017776	3.46005405
3.01345928	3.30927411	3.11311399	3.26792652	2.90155093	3.05502343	3.19435062
3.41344418	3.51695185	3.38264228	3.53267417	3.36668352	3.54845131	3.35730687
2.19257469	2.02004354	2.03788474	1.87568982	2.04782364	2.15186413	2.05049578
2.84291116	3.23389312	3.34168093	3.5910162	2.17279889	2.5996071	3.09373032
2.00547654	2.20712811	2.71588207	2.88104241	1.11656289	1.71304483	2.75578953
2.41508628	2.51648521	2.90851866	2.95174724	1.73893361	2.49222145	2.8662581
2.46374079	3.07456715	3.90877723	3.91961258	2.10783578	2.51850359	3.72505689
3.24238194	3.59907348	3.72264475	3.78741268	3.45879406	3.62206321	4.18682855
2.40304217	2.67275165	3.0115227	3.1478456	2.30097369	2.52032202	2.82788815

2.63554999	3.01455299	2.99695942	2.97966165	2.21530791	2.6990427	2.83722413
2.04935169	2.10994174	1.21032483	1.28420484	2.87195689	2.33826443	2.12925131
5.08172896	5.20749042	4.78020971	4.70035712	5.27667561	5.88640314	4.79643033
3.88621805	4.27337456	3.83334608	3.71006898	3.78207658	3.82513478	2.99942086
1.00E-04	0.10819332	0.32202562	0.67682212	1.00E-04	1.00E-04	0.66970488
1.93616521	1.84109165	1.83130089	1.70507832	1.89000231	1.70265785	2.49831221
2.12532823	2.61504789	2.38747214	2.3957806	1.64400453	2.39383496	1.81012378
1.00E-04	1.15426163	0.25341581	0.2671059	1.00E-04	0.55622895	0.54590936
0.75553257	1.29821621	1.02416935	1.18007528	4.22198288	4.12396544	2.900734
4.14366952	4.56975701	4.03387672	4.00466566	4.62980975	4.75608443	4.18852235
1.00E-04	0.68212779	0.55768644	0.35497386	1.00E-04	0.55410043	0.14635168
3.67673941	3.70171688	3.55484782	3.62767615	3.05128373	3.43556499	3.13057142
4.06162445	4.29944268	4.13135772	3.96769514	4.65206835	4.14879961	4.24066571
6.10002407	6.16749902	6.03342236	5.91871675	5.73159412	5.99545241	5.82442184
1.43629791	1.75833991	1.11812648	1.25755633	1.64660457	1.79419103	0.58908783
1.00E-04	1.00E-04	0.14049311	1.00E-04	1.00E-04	0.29937888	0.08557164
1.13599229	1.67674757	1.48913122	1.962567	2.03670677	2.30038644	2.93460106
0.3781539	0.38067357	0.76395111	0.90379843	0.30780692	0.99296402	0.46576434
1.86895618	2.97241177	2.27464858	2.08418646	3.21946643	3.59832201	4.14591039
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94321524	1.51629907	1.15899507	0.87449516	1.00E-04	1.00E-04	0.65164582
2.78865971	2.76636497	3.40306104	3.53817114	1.00E-04	0.51815173	0.9455629
1.15979459	1.22857888	1.22332192	1.08505171	1.12723432	1.89541296	2.28543652
1.26202825	1.37932509	1.57954442	1.69171767	0.24496797	1.14614389	1.28456502
1.00E-04	0.88228061	0.64628561	0.70955359	0.45889659	0.44414435	0.4384392
1.63534475	2.45046267	2.31265235	2.16376249	0.89285252	0.4542793	0.65998325
1.00E-04	1.00E-04	0.10196067	0.20208656	1.00E-04	1.00E-04	0.30631903
0.19182838	0.08372266	0.75428678	0.80791269	0.4683059	1.54288074	0.75461627
1.00E-04	1.00E-04	0.05552509	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92847638	1.4398692	1.01404016	0.61448173	0.71649841	0.81368157	1.00E-04
0.2877146	0.32701837	0.1614861	0.03696018	1.00E-04	0.06695938	0.13723188
0.74854522	0.65665128	0.9185709	0.75495199	1.00E-04	1.83126525	0.584061
1.76415668	2.62229722	2.12244268	2.3935057	1.74305789	2.24086795	1.72727516
2.27505045	2.43405822	2.7979689	2.85563956	0.957301	2.15176112	2.79767561
0.58217249	0.8383905	1.53022592	1.84859439	1.41706865	1.46265162	1.39633514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38268744	2.00542876	1.80587601	1.80991073	1.92423172	2.55126323	2.0179199
3.84372281	4.72080338	5.21723606	4.76091788	3.2997141	4.53851254	5.93586975
3.85662471	4.67537348	5.35179012	5.39971602	2.72830304	4.39261494	5.88539942
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11242936	0.47433238	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.7339877	1.82124336	2.44083956	2.37856566	1.62049864	2.12927381	2.29996013
2.30278687	2.55861047	2.13418802	2.38863289	3.77616851	3.22532535	3.16806748
1.00E-04	0.26203924	0.12452165	0.52851977	2.13835372	1.4338539	1.16104594
1.67843223	1.50366179	1.45143897	2.03936156	2.43295083	2.85826433	2.76103361
1.00E-04	0.63399455	0.17974081	0.05655222	0.61305258	1.00E-04	1.00E-04
5.77703	5.96883281	5.47229216	5.41603736	5.86315048	5.99647118	5.57028296
3.67085268	3.7767667	3.72026501	3.67166857	3.75889323	4.12846329	3.69925097
2.58351366	2.75305084	2.87129484	3.08940455	2.58945044	1.70613241	2.33123651
0.86649199	1.10023454	1.39273291	1.17448803	1.33613245	0.68581807	1.50399101
2.55526008	2.6518072	3.08834354	3.27945111	3.08792368	3.51203541	3.92258636
1.00E-04	1.00E-04	0.07257679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.62763861	4.51262861	4.63317427	4.5669554	4.0010855	4.1143009	3.28557594
4.36595555	4.20394037	3.88697052	4.07254893	4.45483515	4.3195862	4.13676135
2.84033687	3.10199587	3.19978053	3.2496352	3.11796418	2.98767828	2.90207566
1.80323127	2.1091337	2.33798456	2.35124514	1.21267135	2.16628703	2.25347476
1.00E-04	0.22921129	0.20145761	1.00E-04	1.00E-04	0.51556887	1.00E-04
6.10035327	6.31070319	6.14902903	6.22645962	6.14540417	6.30009116	6.13773527
2.45569382	1.9754319	2.32410661	2.37954935	2.07751905	2.58126953	2.22461574
0.32350681	1.2257536	0.44183626	0.409465	1.00E-04	1.00E-04	1.00E-04
1.42306674	2.0068945	2.49736813	2.23874397	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.38818506	3.78581474	3.66562799	3.84452711	3.15009455	3.37390262	3.73101886
1.50718524	1.35338067	0.97584884	1.1689928	0.61856275	0.44220768	0.5158262
0.85514758	0.83884871	0.60573589	1.32661136	1.37668026	1.53923897	1.86230609
3.40839109	3.32801245	3.2350281	3.34900112	3.29398872	2.95551904	2.86801582
4.20909342	4.22318611	3.95865207	4.2399473	4.32444878	3.97085061	3.78569161
4.09952048	4.20810225	3.70966174	3.7150731	4.93899359	5.46772096	4.89435982
4.03487095	3.99041266	3.6854656	3.67171391	3.35458142	3.26094112	3.20797612
2.64018689	3.04063215	2.86382781	3.01754338	3.49303237	3.15905203	3.16122718
5.16316272	5.27661252	4.93589237	4.90849882	4.96203972	4.99305277	4.79323622
2.74400762	3.18457055	3.37475423	3.48018988	2.19079174	2.67743507	3.10752403
4.25569222	4.43876452	3.83664298	3.80171357	4.43725037	4.59670266	4.27803686
2.88106894	2.85835656	2.53749827	2.62356133	3.34647815	3.19442265	2.92847463
1.93258936	2.14087007	2.36845864	2.45673858	1.95349608	1.95032487	2.85751809
2.94810392	2.83635155	2.4459891	2.64562008	3.2391896	3.09661096	2.72509813
1.7926112	2.05430664	1.74940447	1.96444719	2.40753837	2.5477617	2.47379351
0.23118277	0.50297785	0.77573241	0.55143764	0.52474525	0.71287952	1.43038785
1.00E-04	1.00E-04	1.00E-04	0.18708753	1.00E-04	1.00E-04	1.00E-04
4.3947871	4.42955268	4.20270888	4.17498818	4.76030405	4.46366834	4.21601867
4.30784366	4.39143234	4.05264516	4.08890015	3.82333832	4.21351621	3.7875557
1.23460401	2.10012804	2.36150404	2.46750951	1.00E-04	1.51951309	2.33632642
1.79078124	2.27303789	2.28835029	2.47719141	1.42899196	1.25945469	1.68213646
6.10486672	6.0282614	5.83048897	5.54257981	5.2077485	5.35947663	4.92261203

1.45520142	1.81182107	1.67358459	2.13988198	0.24496797	0.97859556	1.53228472
0.49950691	1.09673045	1.00435433	0.97809252	4.58587981	3.77064845	3.53953272
1.33182061	1.65729759	1.45996234	1.37012849	1.43710922	1.53526517	1.23687624
1.00E-04	0.56010429	0.17142914	0.2241109	1.00E-04	0.1839207	0.35106062
1.00E-04	0.1675911	0.06420744	0.07985436	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05019864	0.04263081	1.00E-04	1.00E-04	1.00E-04
4.21105103	4.52244634	4.44895504	4.43512926	4.29288407	4.62742864	4.5981179
2.84705391	3.06109286	2.74729889	2.93245977	4.29421169	4.63030823	4.26056011
0.39137388	1.00E-04	0.17241783	0.15518393	1.00E-04	1.00E-04	1.00E-04
0.93008201	1.09885913	1.45263442	1.45783056	1.10847944	0.84847141	1.78994636
4.24197054	4.33805196	3.59094263	3.64995755	3.33071074	3.83025304	3.38249209
5.14177987	5.001957	4.69802359	4.76463161	5.39261035	5.55678118	5.0059128
1.00E-04	1.00E-04	0.09774378	0.10158848	1.00E-04	1.00E-04	1.00E-04
1.15467302	1.24999769	1.24536192	1.71403963	1.01905067	1.84254236	2.1723672
2.74335405	3.16344782	2.72784285	3.046528	3.61520145	3.5955562	3.46881498
1.00E-04	0.81614863	0.21167054	0.48375953	1.00E-04	1.00E-04	0.78800779
1.27277586	2.19349266	1.03792578	1.03952171	1.72226314	1.66985438	1.99889658
0.85429858	0.79996827	0.42876313	0.54132274	0.77322435	1.76640582	2.11108019
1.00E-04	0.69265703	0.32630347	0.07735623	2.1949263	1.86467504	2.30951433
2.58377994	2.8077858	2.65622104	2.57182818	2.64459621	2.96928675	3.08127094
2.02158802	1.89313936	1.41838528	1.56377494	1.82092656	2.25319535	1.43946543
0.51990995	1.17099805	0.4965642	0.63648042	3.33643386	2.55764631	2.52130087
2.74142786	2.8688888	2.35965504	2.61371351	1.44615711	2.84955158	2.06584244
3.9847352	3.85551766	3.72663713	3.63900694	3.21734829	3.51018272	3.59658967
2.09055777	1.78557466	1.77688223	1.98960218	2.60117961	1.76523767	1.80662783
1.26956589	1.17050804	0.87862541	0.83701327	0.91723974	1.18159015	1.63215166
1.84051492	2.06598551	2.10934993	2.11819101	2.60993937	1.69690164	2.50893877
3.16790482	3.6888326	3.98425631	4.03267838	3.06329102	3.01311346	3.71766306
1.00E-04	1.00E-04	0.22243511	0.14132513	1.00E-04	1.00E-04	1.0581204
0.84421039	0.07925372	0.03556903	0.1514971	1.00E-04	0.12640632	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11823099	0.15828447	0.69094647	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10240458	0.21851038	1.00E-04	1.00E-04	1.00E-04
2.15145025	1.31933276	1.18108667	1.1231543	3.6880377	4.07600408	2.88710523
1.00E-04	0.11363526	0.18123537	0.05511365	1.00E-04	1.00E-04	1.00E-04
4.74811669	4.96114634	4.57946186	4.36565193	4.65526647	4.94915968	4.63875134
4.28605049	4.51585464	4.0231378	3.90252783	4.40235979	4.40165715	3.69692873
0.26469911	0.49454949	0.47932131	0.76325746	1.00E-04	1.02341607	0.28948344
0.44869012	0.49338845	0.03238726	0.21652299	1.00E-04	1.00E-04	0.48696079
1.00E-04	0.05651393	0.08693755	0.06011633	1.00E-04	0.92170303	0.3937581
1.00E-04	1.00E-04	0.07033683	0.05147954	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17067725	0.10278841	0.42830197	1.48564669	1.00E-04	1.00E-04
0.56689	1.10303458	1.37449939	1.80532914	1.30686513	0.97338011	1.25256182

1.02582229	1.08744667	0.37472115	0.37149886	0.58708779	1.00E-04	2.02123885
5.97035597	6.12952607	5.7340374	5.76145172	5.86588459	6.20829647	5.87397043
1.40524027	2.31955628	2.68665208	2.7119391	1.33461082	2.07509144	3.17809244
2.38329606	2.32727955	2.44016309	2.49555502	1.38026277	1.45965245	2.43541338
0.22749014	0.07707022	0.17352944	0.22441449	1.93871971	1.55243511	1.13810225
3.84642098	4.17693647	4.10864031	4.19265143	3.69925776	3.79712424	4.09002718
1.00E-04	1.00E-04	0.04622198	0.06713478	1.00E-04	1.00E-04	1.00E-04
1.01711684	0.97878437	0.42200832	0.23834147	1.57596305	0.57169091	1.60529287
0.23582726	0.5812367	0.2590768	0.18489578	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22500103	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23248674	0.07128774	0.12898882	1.00E-04	0.44877195	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.66929557	1.59092993	1.52174777	1.00E-04	0.40174274	2.12021052
2.63566402	2.71956098	2.15875053	2.50168469	1.24730419	1.01816512	0.28991116
2.29333869	2.32882988	2.49329482	2.66949473	1.79462845	2.11069879	2.33826243
2.39417902	2.74766503	1.93972387	2.46956802	2.69704408	2.58542475	2.75502362
0.71527651	0.67190283	0.54619914	0.4419817	1.00E-04	0.91402078	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09816475	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10931608	0.05006861	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20566855	0.07042893	0.11410192	1.00E-04	1.00E-04	1.00E-04
2.23438481	1.53866872	0.82438166	1.02321106	2.59009176	1.39695722	1.49581545
0.54718509	0.19757958	0.05300823	0.06978357	1.00E-04	1.00E-04	1.00E-04
0.77055921	1.0335109	1.43606783	1.59819907	0.69037085	0.72016737	2.20143035
1.00E-04	0.16673559	0.30738854	0.24588257	1.00E-04	1.0800992	0.28816756
3.41960461	3.65489226	3.64068189	3.58583507	3.04542211	3.40246984	3.7249411
5.25537469	5.38131103	4.95921845	4.88544189	5.328525	5.33616862	4.81504566
3.49710833	3.41757777	2.94345679	3.12508273	3.31204923	3.36849138	2.95251033
2.34890974	2.87815668	2.85456566	3.04970258	1.42479164	2.46766581	2.58990673
1.14122359	1.39180808	1.82467588	1.71482674	1.09165517	1.46334258	2.09971452
2.94787874	3.05018262	3.37785574	3.63948884	2.03036831	2.71596023	3.03005567
3.47441869	3.81548257	4.05902436	4.11674117	3.17315473	3.11830806	3.92889979
1.00E-04	1.00E-04	0.0400729	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61293253	2.7931367	2.89701882	2.66523388	2.72577497	3.02838353	2.83382686
0.80154598	1.18670539	0.67594961	1.29711665	1.00E-04	0.66651343	1.00E-04
3.7811524	3.87874978	3.41094783	3.54727282	3.59064571	3.7663251	3.64025927
1.1184575	1.29221671	1.54965898	1.38053718	1.16709452	1.60154319	2.1519588
3.38293077	3.53455403	3.27174413	3.30987573	3.10894316	3.37885599	3.48785041
2.79845054	2.95484786	3.27155862	3.5042535	1.44212909	2.24930025	2.97591697
4.85681869	4.93207787	4.59400067	4.49620112	5.41679541	5.5667378	5.28765881
1.20049541	2.00535236	1.75288345	2.08264202	1.32864533	0.71294712	1.70063626
1.73369749	1.56512142	1.54645164	1.87141413	1.10070734	1.71146572	2.00704134
1.82239749	3.42621279	2.72949348	2.54665887	1.3955148	3.77320216	2.41862127
1.00E-04	0.28505781	0.69164061	0.51682556	1.00E-04	1.00E-04	0.23721926

1.79950188	2.10972943	2.27468732	2.48319441	2.48292793	1.86890625	1.77257758
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.98761892	2.94621958	2.6920301	2.75133236	2.5084466	2.42780886	2.31290413
2.51160917	2.58342878	2.55569693	2.77224786	2.63992574	2.88066206	2.97674024
0.59657879	0.64119761	0.44521535	0.43937971	1.12184537	1.00E-04	0.69248742
1.00E-04	0.19878524	0.09859917	0.3757002	1.25931482	0.29050809	1.00E-04
1.04264403	0.80885228	0.32177711	0.5417581	0.69043823	1.19907738	0.83815232
4.46507575	4.66991658	4.41803523	4.39217263	3.97289608	4.64225415	4.30353184
1.80889457	0.95801637	0.37565505	0.74677049	1.39033934	1.00E-04	1.00E-04
2.44791954	3.07518239	3.13589461	3.225267	3.27008189	3.56318458	3.30267012
2.43030253	2.38984857	2.20935724	2.25962865	1.3770346	2.51166487	2.64679568
1.2066387	1.46853308	1.34662504	1.20691508	2.89344699	1.68048047	2.36106867
1.00E-04	1.00E-04	0.17965933	0.34309564	0.54258268	0.53129305	1.1792164
0.31991784	0.95671035	0.67352642	0.79566838	1.00E-04	1.00E-04	1.24339316
2.6021852	2.76598144	2.87456032	2.97413826	2.40132724	3.05065755	2.84257792
0.32979817	0.47539416	0.48379309	0.79031315	0.54065888	1.25116004	0.8511787
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.60535627	3.55908067	3.25539233	3.44466679	4.23767673	3.2426815	3.60862162
0.75248992	0.69213473	1.68997778	2.04129787	1.00E-04	1.00E-04	0.80193979
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50005942	2.91180884	3.49909133	3.60192531	2.60217017	2.62463945	3.40607638
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1.00E-04	0.92306606	0.90866123	0.70267892	1.00E-04	0.57805201	1.02045936
3.32031414	3.65498032	3.45162532	3.29102558	5.13752373	5.29021945	5.06703619
1.00E-04	0.36236037	0.50123952	0.5812113	1.00E-04	1.00E-04	1.00E-04
0.47712371	0.55477814	0.97494755	1.14813963	1.34369429	1.92215653	1.64265977
3.1092188	3.53004732	3.34931065	3.41854325	3.51802134	3.09285849	3.07139422
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28921298	0.18744958	0.38685637	1.00E-04	1.00E-04	1.00E-04
2.50610742	2.85331322	2.61277593	2.31776197	4.12495022	4.65031637	4.10663724
4.43834682	4.61505604	4.68541742	4.46605502	4.70950623	4.87120666	5.01479233
2.69411136	2.99009472	3.62485815	3.69643068	2.66008529	2.75170668	3.46345292
0.70068393	0.70117502	1.09668561	0.78519877	0.63609922	0.81172905	1.13563913
1.50312838	1.32318141	0.89717892	0.85035196	2.64837316	2.18838621	2.06949414
4.75081325	4.58614294	4.20231619	4.15991569	5.19908678	5.26613558	4.30130491
2.74201406	2.87228971	2.77340633	2.82703094	2.59792764	3.05080886	3.35822849
0.65873028	0.39570006	0.44798747	0.34631358	1.00E-04	1.07862452	0.5354672
1.00E-04	0.17357925	0.25282999	0.11281764	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.76084822	0.13358811	0.17785272	0.45086753	0.48985112	0.12174474
1.00E-04	1.00E-04	0.16568188	0.12574373	1.00E-04	0.39173741	1.00E-04
0.3443831	0.4324707	0.12591543	0.13744617	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10682062	1.00E-04	1.00E-04	1.00E-04	0.23204834

1.00E-04	0.05700051	0.0404769	1.00E-04	1.00E-04	0.12583522	0.09464396
1.00E-04	1.00E-04	0.26880304	0.07634178	1.00E-04	1.00E-04	1.00E-04
0.18986072	0.07314043	0.36107493	0.19332093	0.78598698	0.27580628	0.73801869
3.25381528	3.47247411	3.36976194	3.49589471	3.26301501	3.49873305	3.12398431
3.7639876	3.57642223	3.72384945	3.7708242	4.07142004	4.14812078	4.17111235
3.04887708	2.91201553	2.87675009	2.97528567	2.97211957	2.81597971	2.44448284
1.06927194	0.59203102	0.50973829	0.47074939	0.96315691	1.51594984	1.00E-04
0.69320079	1.1706992	0.42685961	0.54272896	4.11078216	4.67763204	4.07327535
0.60001362	1.44092229	1.39554923	1.23749104	1.00E-04	0.80591245	1.31151944
1.00E-04	1.00E-04	0.09057369	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21891651	0.20857752	0.31172021	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.54559997	0.04481279	0.26549293	1.00E-04	1.00E-04	1.00E-04
2.8373252	2.78505272	2.34700495	2.14436267	3.32675837	3.57908648	2.53701818
0.52909246	0.41686838	0.510623	0.44623739	1.00E-04	0.37047444	1.00E-04
0.69925661	1.82737579	1.01788613	0.73195838	1.00E-04	1.00E-04	0.22577116
1.73400471	1.81625127	1.78240442	2.00976598	1.00E-04	1.36059983	0.66319233
0.93394253	1.71171334	0.98066611	1.17787212	0.9540912	0.84017124	1.15715925
2.55039571	2.49043103	2.98351824	2.99544665	2.57321975	2.70391303	3.98391147
2.45071686	3.00617638	3.68956907	3.67925559	2.67121144	2.21782396	3.07926257
2.53969413	2.63464228	2.74791849	2.80859822	1.57288948	2.68310193	2.86620179
4.11713009	4.25772796	3.8602113	3.87903385	4.21738133	4.59637777	4.12963871
1.2865257	2.07674	1.87787451	2.13343602	1.3740381	1.68254621	1.95270849
1.00E-04	0.95384374	1.06897525	1.06761868	1.00E-04	1.31876172	1.51206173
2.58891361	2.8907393	2.89794564	3.00832034	2.05175008	2.37821914	2.95386239
2.89131128	3.27916378	3.09354753	3.17920718	3.26881977	3.24385471	2.68661248
2.33139679	2.47355034	2.88510677	2.99715886	1.56524883	1.79325444	2.38864283
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22656827	1.45506059	1.23500793	1.226161	1.06163276	1.51611271	1.95756728
2.27613351	2.97066315	2.59425394	2.50370377	1.5999061	2.39776428	2.0041672
3.0842847	3.23772046	2.92294836	2.89621362	3.40507355	3.80996974	3.42677273
1.16594875	1.23738878	1.31916357	1.20714939	1.62090873	1.69140498	1.23178173
4.72193553	4.806346	4.33012862	4.34089331	5.00105851	5.00468877	4.19649008
0.33080752	0.51792373	0.25968902	0.18164249	0.54370492	1.28710756	0.64237311
2.08995443	2.67745247	2.66371658	2.67053526	2.38739422	2.55228963	2.81437405
1.51290714	1.98788172	2.15421213	2.64779902	2.32461522	1.6830059	1.32081699
1.86399284	2.23881493	1.92739632	2.2060412	1.28440067	2.13955865	2.00481698
3.22349301	3.62608401	3.29407176	3.3300507	3.33497687	3.53928513	3.41910445
1.94195471	2.45945242	2.43300428	2.33744527	3.82414076	3.92235391	3.54787415
4.2823665	4.27906453	3.95589707	3.93831746	4.32687101	4.28055458	4.00273174
0.7738608	1.97986129	1.33127092	1.14499731	1.00E-04	1.21052545	1.00E-04
1.13504486	1.74572197	0.76736618	0.65607326	1.00E-04	1.8355241	0.84430777
4.75903417	4.83520675	4.50863623	4.45849398	4.54204376	4.71413614	4.5161562
4.61720771	3.98179681	3.50466598	3.8849106	0.54050558	1.87650426	1.43675204

2.38512365	2.69120633	2.09622986	2.1468521	2.52574691	3.14161949	2.49991114
3.95929834	4.02383625	3.77349234	3.44998225	4.43763776	4.3985879	4.11760659
5.16556375	5.36752133	4.7632268	4.78223563	5.45540205	5.60951794	4.99590518
1.69659171	2.72989166	2.66863126	2.67603668	2.26099865	2.89509813	2.55582046
3.01959745	3.35308172	2.91845243	2.84555958	3.63270301	3.68930231	2.6264277
3.92175497	4.16465939	3.95071966	4.19256638	3.38881101	3.89780006	3.65307652
2.09505152	2.03651635	1.77924138	1.57202738	1.00E-04	0.23817629	1.00E-04
1.81627984	1.70562803	2.33344737	2.54824414	1.75018526	2.01791673	2.4457942
2.15329625	2.41384528	2.33703799	2.4571062	3.05442792	2.63502615	2.44030293
3.34861297	3.58195709	3.41964289	3.48235492	3.30971828	3.4660963	3.49725819
3.52781151	3.42292863	3.3118013	3.35334886	3.0326595	3.74169298	3.65355095
1.62362336	1.11430106	1.04013886	1.25990857	1.07905045	1.39595393	1.00E-04
2.02267743	2.1031813	2.28751534	2.21896326	0.99880445	1.44542671	1.94071277
0.43350944	1.00E-04	0.5170049	0.36299659	0.79727869	1.29571704	0.30631903
0.47190246	1.00E-04	0.31497504	0.32612174	1.31799922	1.52660426	0.89028968
1.00E-04	0.25488013	0.09032961	0.20891845	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08173145	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50935609
6.15768368	6.56902795	7.61731189	7.64296437	5.7647415	6.02265263	7.42692769
1.00E-04	1.00E-04	0.01998609	0.06035	1.00E-04	1.00E-04	1.00E-04
3.05852156	3.40415668	3.36060742	3.4991769	2.67785501	3.41734308	3.10609018
2.24801666	2.38395621	1.70334022	1.8736104	2.47995524	2.40747422	2.07969891
3.44292561	3.35018933	3.15761777	3.34102752	3.63439044	3.6576074	2.98925863
3.65726496	3.68290648	4.17520486	4.32027418	3.52399341	3.32824873	4.18536044
0.60704432	0.06639836	0.16391136	0.40612066	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22568347	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29493405	0.3433026	0.06369216	1.00E-04	0.31666865	1.00E-04
1.00E-04	1.00E-04	0.19280457	0.39604286	2.19015551	1.77597982	1.05151671
1.33396752	1.54638813	1.73940442	1.97458823	0.51102197	0.39140691	0.47552101
0.40180022	0.55538796	0.33533812	0.47077642	0.87165607	1.26220467	1.00E-04
0.76476312	1.00E-04	0.21687558	0.13378731	0.87165607	1.00E-04	1.00E-04
1.00E-04	0.17502219	0.12720936	0.19842751	0.54370492	1.08789998	1.00E-04
0.37875747	0.44493087	0.23838718	0.23688127	0.48823099	1.00E-04	1.00E-04
1.00E-04	0.24104451	0.23792043	0.13266563	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3763396	0.51041081	0.84682225	1.00E-04	1.00E-04	1.00E-04
3.0364534	3.19300185	3.2536448	3.2700088	3.21990079	3.55001901	3.48411922
3.93631132	3.85128214	3.34818345	3.28250899	4.40134112	4.06362509	3.17660316
0.9162051	1.11830441	1.57063846	1.85478131	0.65823999	1.41681681	1.90262993
2.00083777	2.5069163	2.17491995	2.40032421	1.22567582	2.00819994	2.77767862
2.74631852	2.9939613	3.44234865	3.43845071	2.41554848	2.36552945	2.8244576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92475163	1.11274946	1.75129109	1.91105542	1.00E-04	1.23850054	1.87836191
1.00E-04	1.00E-04	0.08531765	0.43034472	1.00E-04	0.68821198	1.00E-04

5.63336174	5.80466845	5.30407838	5.35652512	6.04350392	6.25681139	5.82945238
2.70390971	2.71237407	2.10814247	2.19883822	2.68039164	2.9566069	2.36100955
1.89959675	1.99241044	1.91491886	2.14718263	2.51016333	1.93396123	2.55427266
2.51176179	2.95709257	3.07790853	2.99849182	2.20829809	2.86772795	2.57788677
5.27736127	5.5045723	5.00115746	4.9112082	5.5937582	5.59645971	5.32977736
0.87315503	1.38725674	0.32300852	1.04692161	1.00E-04	1.00E-04	0.28948344
1.11271796	1.27994008	0.32664538	0.28170922	1.01595412	1.00E-04	1.00E-04
4.04600868	3.82300682	3.7455571	3.99790849	3.31557178	3.49340768	3.03642409
4.31486298	4.18373974	3.97991648	4.04217522	3.49754359	3.958067	3.36465935
4.41349721	4.53394487	4.46252692	4.40524124	3.83847955	4.16417473	4.08116365
1.97043756	2.46350926	2.66279238	2.57044491	1.56031738	2.56803361	3.0175395
0.29784901	0.6570895	0.28257711	0.26295103	0.61280452	0.26650081	0.23182125
1.69114282	2.05756686	2.72646603	2.76637041	0.79283209	1.17524232	2.37758555
2.8419052	3.03524127	2.23667473	2.23041561	3.19394026	3.48200977	3.26731881
5.4690836	5.74391425	5.25573641	5.22488121	5.86330596	5.94974105	5.31681332
1.00E-04	0.06764453	0.59162588	0.43354699	1.00E-04	1.00E-04	2.63958956
1.00E-04	0.06764453	0.60867413	0.60454123	1.00E-04	0.2210583	0.76034197
2.56175281	2.93062253	2.49660061	2.71644926	2.56649523	2.2402823	2.40899633
1.00E-04	0.25676357	0.37533165	0.80810072	1.00E-04	1.00E-04	0.80441475
4.19162205	4.2310528	3.91299832	3.96470385	4.09765501	4.59243713	3.83913059
3.14231674	3.38826006	3.12672276	3.17284478	3.67279466	3.66474238	3.24561414
0.41226899	0.62977996	0.54064947	0.5831776	1.00E-04	1.21529849	0.3841957
3.76629373	3.80676795	3.61720621	3.63403382	3.90323565	3.88550031	3.30065556
0.24987489	0.64587496	0.70419696	0.81868996	0.61305258	1.74466713	1.8525696
4.03393508	4.10985942	3.85699015	3.97501769	4.21805284	4.19722194	4.13184436
3.29318721	3.45154982	3.33020922	3.30424819	2.9051955	3.16956691	3.21206561
2.93084487	3.04721491	2.62604684	2.8990047	1.7957486	1.32575598	2.4528459
3.31822359	3.21528368	3.1604282	3.25934327	4.54226899	4.29586612	3.86667372
2.1422623	2.69401831	2.31825459	2.57230979	2.39016581	2.33131084	2.04072546
4.57239921	4.81496279	4.49808369	4.46000824	4.90612181	5.11643653	4.79294343
5.47957721	5.45959939	5.21403725	5.10432997	5.21551262	5.63719796	5.18106631
1.69038138	2.23011595	1.93329945	1.88990932	2.2354192	2.22933592	2.56347454
3.79010822	3.62677331	3.31457166	3.32636814	3.67704941	3.73920674	3.18475725
1.04057124	1.67107577	0.67538492	0.70464432	1.65903013	1.6410732	1.55332458
1.43693165	1.81666925	1.81372037	1.97393286	2.42590774	2.11347245	2.37763051
1.16622977	1.24328558	1.20114137	1.191349	0.65910354	0.9431947	1.25730538
1.74642081	1.38816935	1.75270447	1.85291898	1.00E-04	1.03998296	1.00E-04
4.33818825	4.39339198	4.03351004	4.09109875	4.28040733	4.37496394	4.00597436
0.18926183	1.00E-04	0.09359602	0.10626447	0.73235327	0.48118019	1.00E-04
1.02804593	1.67194262	1.35752503	1.32998292	1.00E-04	0.75328431	1.07421342
1.89751946	2.26498291	2.33256464	2.50142468	2.09001884	1.68853665	2.02258788
2.17584943	2.68028762	2.56772501	2.59697347	2.58643587	3.02429486	2.78488019
0.53622688	0.81262469	0.85399708	0.86455252	1.00E-04	1.00E-04	0.80757065

0.64966629	0.79409671	1.43853997	1.45662129	1.36935783	1.55464601	1.93625361
1.93833316	2.6518959	2.37186363	2.55237895	2.26459176	2.2098661	1.49053475
1.30516148	1.70131707	2.01564549	2.06090784	2.02915003	2.57596039	2.76308792
3.88089483	4.18990525	3.92081223	3.77104046	3.8239618	4.30607506	3.84216502
3.74980183	3.65686146	3.464705	3.53617552	3.48060255	3.90372645	3.5669382
3.71395279	4.09667213	4.04710857	4.3060685	3.34805508	3.59937382	3.9459386
4.84620085	5.08536245	4.68530324	4.55985634	5.8160145	5.87171887	5.44182992
1.00E-04	1.00E-04	0.1048193	1.00E-04	1.00E-04	1.00E-04	2.13064473
3.52778177	3.5406649	3.59209467	3.66746898	3.93369985	3.63028835	3.25144242
4.60775112	4.66680341	4.23602742	4.27404507	4.80882827	4.91686655	4.53882973
2.18515053	3.47952773	3.57067752	3.58171247	1.18807313	2.70880039	3.03080991
5.95387597	6.1272149	5.75663715	5.45915199	5.73840218	6.03446448	5.55204288
4.19977328	4.56131067	3.95575923	3.77271777	3.06559862	3.93082983	3.32131185
1.49785067	1.70090058	1.51002399	1.61171748	0.61235854	0.5466223	1.84999938
0.40655691	1.00E-04	0.30814158	0.37578642	1.00E-04	1.00E-04	1.26034807
0.79584057	1.64206038	1.10839789	1.30375073	0.24496797	1.65133554	2.3142433
1.00E-04	0.18974755	0.35536841	0.87661454	1.00E-04	0.34352872	1.00E-04
3.63518522	4.21260659	4.80668633	4.37112623	3.05855623	4.40916392	5.83576014
1.00E-04	0.49664051	0.15265732	0.34081972	2.24077755	2.92748721	2.37942495
2.38889656	3.07689842	2.86761686	2.72257925	2.97850149	2.96005017	3.0016085
1.59167857	1.58862494	1.53302718	1.67798194	1.91787087	0.54541066	2.32568912
1.59686016	2.02723795	2.73479721	2.13245845	1.1409116	1.78971187	3.53993494
0.1846233	1.21116791	0.7329299	0.71442179	1.60790546	0.80780833	1.94743026
0.91892128	2.6219772	2.27659672	2.17512558	2.98586165	3.76014341	3.85172392
1.14281283	1.85772202	2.19375088	2.01940603	2.29934849	1.53087167	2.56681343
0.63714901	0.85879397	0.44909489	0.77990604	2.530661	2.00736321	1.97268685
1.13210516	1.47642477	2.46693804	2.15739494	3.15851079	3.28613857	4.41117677
3.26621741	3.41046739	2.93171662	2.93010957	3.83254573	3.13343436	3.01000771
3.54494801	3.74793614	3.30002205	3.25291292	4.25863901	4.35582335	4.30699457
2.15725613	2.46810058	2.41037565	2.61593552	2.97514107	2.83005546	2.56425942
5.16869347	5.60554144	5.13915202	4.86699235	7.72237524	7.7822987	7.01074988
3.12484616	2.8428288	3.76239405	3.77966426	4.55718361	4.94686437	5.05130085
1.00E-04	1.1443279	0.41423466	0.31297718	0.82174011	1.04426586	0.64516176
0.1943788	1.03007932	0.23002561	0.06560602	5.53388169	6.25625599	5.90906684
0.4277899	1.00E-04	0.04887601	1.00E-04	3.44220638	4.37412063	4.28065026
0.17828755	0.5136458	0.36280041	0.42584585	3.68571112	3.95489526	3.96338374
1.00E-04	1.00E-04	0.07446596	1.00E-04	2.41242217	3.40507731	3.20944855
0.45002998	0.27642423	0.35377481	0.51200794	5.60921139	5.71985987	5.06188404
2.50983593	1.81225674	2.0526964	2.40346547	1.96127521	1.32234333	1.28484413
1.00E-04	1.00E-04	1.00E-04	0.09715449	3.70573253	3.75463569	4.18991069
1.00E-04	1.00E-04	0.05544496	0.04725012	1.00E-04	0.30127966	1.00E-04
2.36575133	2.08161605	2.05529028	2.26498283	2.27213989	2.98617138	2.23152132
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74389887	1.00E-04

3.93515906	3.90240859	4.19546447	4.38694811	4.12292747	3.65818305	4.07045269
3.55446598	3.66147985	4.31177859	4.50943665	3.99775139	3.49009445	4.39854995
3.75931619	4.16257548	4.58394367	4.43766997	3.62432333	4.24249793	4.86109014
2.1900609	2.16301183	2.58003113	2.49874013	1.54160767	1.52198031	2.57228622
1.44642606	1.27346884	1.3631636	1.66165377	1.00E-04	0.87182627	1.42355332
1.46992927	1.77843641	1.80005513	2.1281666	1.54608577	1.95045277	2.22587262
2.78441419	2.76062602	2.22080278	2.56441064	2.26208968	2.62907679	2.54856122
0.34603826	0.4718828	0.52979612	0.47786159	1.00E-04	0.64294339	0.38347681
3.25344059	3.36250838	3.1993968	3.34008922	2.92416503	3.29983015	3.11003156
3.66766583	3.66328304	3.2455307	3.30117014	3.55102828	3.86095264	3.2195257
0.62167698	0.82928686	0.89620721	1.28523592	0.72445569	1.00147827	1.02470443
3.87547887	3.92083302	3.13677433	3.39523052	4.83051567	4.78948223	4.26169702
2.01697035	2.2644294	2.24237714	2.4430662	0.99387563	2.25544832	1.67479144
2.22516672	1.17187825	0.93023879	0.87304131	1.77027941	1.50592225	2.67002301
0.70399371	0.2149074	0.24907707	0.33109714	1.00E-04	0.34850681	1.00E-04
0.14265331	0.17146381	0.43808531	0.64458796	1.00E-04	0.31292031	0.54801213
3.89428525	4.03687616	4.1138046	4.31054787	4.23779117	4.26820595	4.35929581
1.10570343	1.50878346	1.57016593	1.33822495	1.45300302	1.92975808	2.25563634
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27217448	0.07707022	0.95561812	1.61068224	1.00E-04	1.00E-04	0.30631903
3.83430351	4.08591641	4.08763806	4.08418102	3.96453741	4.0908656	4.12210359
1.00E-04	1.00E-04	0.06639493	1.00E-04	1.18373132	2.06091032	1.60443319
1.00E-04	0.23345537	0.11375344	0.37878654	1.00E-04	0.12640632	0.09464396
1.51641254	2.42088337	1.96310716	1.79467646	1.00E-04	2.10924089	2.87387832
0.334196	0.76214077	0.0687522	0.45331759	1.28335296	1.00E-04	0.80650144
1.48323827	0.49958971	1.05426613	0.62590896	3.7030679	3.94106217	3.68215145
5.06753911	4.90115264	4.81307	4.82719635	4.37155537	4.88518258	4.55723942
3.04575972	3.22339443	2.77791287	2.77509471	5.31319146	5.41501777	5.19264834
0.2446639	0.36875827	0.15538796	0.16073016	1.00E-04	0.40848101	1.00E-04
0.99867659	1.33784761	1.37230059	1.37324088	4.94135536	5.66938349	5.04144
1.00E-04	0.23340134	0.34909099	0.12263321	1.00E-04	0.10651827	0.17016891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16983413	1.00E-04	0.15265664	0.2810366	1.00E-04	1.00E-04	0.36805794
1.09524724	0.87646355	0.79492889	0.75589251	0.53515803	1.25563066	0.43927546
0.1955807	1.27916272	0.35629179	0.43763305	1.00E-04	1.60494975	0.33526049
0.41085803	1.55101219	0.21232908	0.40753867	1.39592308	0.96631345	0.75581884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53130261	2.07016717	1.16004026	0.86818075	1.00E-04	0.99104431	0.4992406
1.12727761	1.15083228	0.92538614	1.31517463	1.00E-04	1.34444134	0.55691821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13611193	0.09452453	1.00E-04	1.00E-04	1.00E-04
0.58565562	0.7434638	0.84851707	0.78236751	1.00E-04	0.29567546	0.3094369
1.00E-04	0.23881798	0.09550011	0.18461235	1.00E-04	1.00E-04	1.00E-04

0.4454734	1.27126982	0.48390723	0.62438704	1.6395527	1.53416024	0.70664065
0.4410793	1.00E-04	0.04759603	0.09539607	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05496905	0.10152193	1.00E-04	1.00E-04	0.12174474
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32919731	0.18984978	1.00E-04	1.00E-04	1.00E-04
0.58495482	0.29654504	0.57890164	0.753445	0.63609922	1.00E-04	1.00E-04
1.00E-04	0.35808485	0.26251137	0.10079067	4.12461562	4.34811174	3.55754972
3.81953968	3.77396122	3.27472989	3.22596586	4.40432569	4.01586059	3.76488587
4.62001165	4.78947545	4.91165768	5.14949662	3.77665119	3.94194513	4.16217548
1.00E-04	0.50091234	0.06802394	0.31223893	1.00E-04	0.10651827	1.00E-04
1.00E-04	0.2013618	1.00E-04	0.14727846	1.00E-04	0.80971109	1.00E-04
0.21930883	0.2128678	0.28886957	0.0744105	1.00E-04	0.2496013	0.14635168
0.65934673	0.759964	0.53927621	0.77996367	1.00E-04	0.39683575	0.90370338
2.48942809	2.96268023	2.59634658	2.76153227	2.59984266	2.38600292	2.44568589
0.65832563	0.13864085	0.36748138	0.1420103	1.00E-04	1.00E-04	0.85311995
3.63113724	3.35382422	3.53698556	4.11332397	3.32888761	3.66407634	3.94915323
2.27044288	2.0351852	2.34282582	2.40349852	2.89671975	3.06615394	3.4104965
1.89965446	2.4565093	2.69568038	2.7886636	2.56726785	2.62101414	2.99281645
1.04514	1.99864847	1.41881159	1.39096281	0.24496797	2.01811228	2.17052142
0.55923559	1.00E-04	0.20832768	0.168825	1.05179324	0.1982747	1.00E-04
4.9255295	5.09291682	4.42596687	4.33520639	5.41939704	5.73808057	5.30407716
2.67052839	2.77934128	2.49643703	2.50968252	2.79431453	2.62682154	3.99456804
1.98455602	2.41485645	2.4866792	2.33335978	0.93748371	1.0700766	1.6418671
0.49420411	1.50751044	1.5563234	1.80728683	1.05349328	1.17335517	1.6514379
1.00E-04	0.21806502	0.10245856	0.07928787	1.00E-04	1.00E-04	1.00E-04
3.61831117	3.94665028	3.87577052	3.9428851	3.61082725	3.74511292	4.10870169
0.72092053	0.94973533	0.74490288	0.55528355	1.00E-04	1.13367219	1.00E-04
0.31128713	0.77944827	0.19933548	0.06393989	1.00E-04	1.00E-04	0.49155087
2.10949754	2.73507458	3.47755604	3.5604683	1.90281024	2.90176132	3.47375715
1.40322896	1.72572086	1.62380091	1.69853116	1.45392027	1.90872763	1.1845105
3.82037961	3.89101172	3.58411821	3.53034102	3.71405607	4.46131989	3.79672018
1.00E-04	1.00E-04	0.05738501	1.00E-04	0.54828133	1.00E-04	1.00E-04
1.63168057	1.73620741	1.58886412	1.75897106	1.17255372	2.20070772	2.08732839
1.00E-04	1.00E-04	0.13809646	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29321157	1.28026307	0.99206863	1.24750543	0.6397631	0.41462393	1.00E-04
3.09296172	3.52882583	3.30849833	3.40429364	2.94277145	3.43690861	3.78265004
4.64246204	4.91943111	4.7583991	4.74715834	5.17147526	5.33888134	5.05967432
3.55464349	4.03965741	4.92670203	5.03494172	3.04778712	3.47565187	4.6602457
0.21092722	1.00E-04	1.00E-04	0.06246781	1.00E-04	1.00E-04	1.00E-04
1.45673363	1.59328823	1.59750521	1.68874229	1.73146086	1.46639437	1.54612148
1.47708663	1.38685771	1.77528583	1.74813995	1.61272574	1.38729644	2.0976353
1.00E-04	1.00E-04	0.05493536	0.0931379	1.00E-04	1.00E-04	1.00E-04
0.7442053	1.72822986	1.51388274	1.27454726	1.00E-04	1.00E-04	1.00E-04

2.79566587	3.16862682	3.29683739	3.28891822	2.47143371	2.87349424	3.25353152
0.99526165	1.65054047	1.34064651	1.35695889	2.16297683	1.45552446	1.77749127
4.06576073	3.93991066	3.80469976	3.85213863	4.59885435	4.31116183	4.38340888
4.02322296	4.12069606	4.50294733	4.49874526	3.70288071	4.09260577	4.48660732
0.5659382	1.00E-04	0.67554975	0.6629371	1.00E-04	1.14213897	0.89678871
3.45887673	4.12980862	4.70748974	4.6440794	3.18554814	3.44923014	4.32859953
3.42056076	3.86957376	4.15664311	4.28471586	3.83108772	3.57900773	4.47260495
3.08107838	3.14493188	3.42359633	3.01264417	2.80047519	2.62389086	2.94255384
6.62217619	6.48850591	5.86157846	5.78610641	5.74485828	6.03470491	5.28410975
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.81264366	0.21887092	0.47923156	1.00E-04	1.00E-04	1.00E-04
3.27758949	3.44316506	4.08792982	4.06585861	2.20620133	3.04823873	3.89212257
1.00E-04	1.52419747	0.95450351	0.79826423	0.59749779	1.53035245	1.30401028
0.88237823	1.13578203	1.77399943	1.81734054	1.56572103	0.76875382	1.48536132
1.89462661	2.12565435	1.82476383	2.00845067	1.15789129	2.68719547	1.79669106
3.16217531	3.18803818	3.00633722	3.00391734	2.94439242	2.92728487	2.99828493
2.28683321	2.42868245	1.85810356	1.67876046	1.94196915	2.46367415	2.6278035
2.20360645	2.91736969	3.08487083	2.99580916	1.952697	2.51003133	2.86915762
3.01801984	3.17335019	3.10487771	3.05165263	3.75297554	3.49258216	3.46588059
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.67110395	5.67589855	5.29202005	5.27496924	5.63136526	5.75733018	5.25395363
3.73312436	3.85339875	4.25745232	4.36804541	3.54512031	3.40577125	3.78695353
4.97078831	5.10700159	5.18700243	5.29422328	4.08951432	4.3511822	4.55186579
3.8180098	3.97270416	3.58064863	3.50569602	3.89478347	4.07315891	3.32382804
1.00E-04	1.00E-04	0.0837158	0.08038274	1.00E-04	1.00E-04	1.00E-04
3.35383591	3.7222512	3.68254344	3.93464063	3.2939391	3.3353377	3.68680128
2.30120868	2.32568052	2.28526752	2.79688521	0.38530742	0.99176556	1.45242413
0.65510071	1.45710885	1.01259685	1.2087992	1.00E-04	1.65770609	0.97836393
1.45674581	1.40340389	1.26961997	1.27789781	2.30349174	1.4928297	2.22393082
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77040558	0.91987422	0.80804417	0.39762089	1.04422776	1.22174421	1.24217141
1.00E-04	0.64251544	0.26174058	0.09168552	3.39856217	2.58640067	2.3171832
4.37232011	4.65457455	4.57361006	4.90887171	1.59858982	1.58457567	1.89053398
0.58076292	0.2149074	0.63357686	0.53823926	1.00E-04	0.44220768	1.00E-04
2.90870541	3.22315628	2.66107325	2.79505962	3.32604941	3.59637823	2.60845547
2.71657762	3.11899265	2.43897429	2.66559298	3.04052005	3.36996615	3.67934136
2.33929264	2.78146591	2.15590762	2.25365925	1.80008177	2.48991327	2.36090442
1.93688848	2.09334949	2.7907861	3.0565609	1.11147601	1.63392141	2.4181166
1.98839246	2.54756574	3.17329605	3.33962799	2.25876036	2.35107573	3.56941592
2.26463865	2.4198833	2.5382868	2.38158714	2.99881687	3.31356829	3.55286416
0.74806401	0.11750948	0.24188578	0.37148991	0.87446197	0.23993974	1.32198656
4.98956075	5.19382779	5.28572394	5.25469112	4.5600765	4.93211728	4.69298205
3.39750573	4.08106807	3.49878483	3.34183678	6.01064619	5.65997376	5.41586937

3.3816006	3.13751362	3.09064256	3.28313232	4.80738595	4.55479613	4.36814887
1.00E-04	1.00E-04	0.11415503	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.209163	0.6578694	0.79312189	1.00E-04	0.69969285	0.92777612
1.00E-04	0.24413804	1.00E-04	0.05561815	1.00E-04	1.00083818	1.00E-04
1.2819755	1.07873232	1.05372405	1.1275607	1.00E-04	0.74136296	1.39674197
1.3824461	1.31687292	1.17402263	1.22629536	1.63375937	1.99243471	2.17107202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.53528777	3.47642067	3.33644491	3.36244171	3.65169482	3.95321645	3.4738273
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.08439518	4.22354378	3.29772461	3.63713537	2.76406093	4.20697957	4.21398145
1.00E-04	1.00E-04	1.00E-04	0.12988583	1.00E-04	1.00E-04	1.00E-04
1.92379122	1.86156566	1.95623189	2.20676232	2.15704649	2.29699757	1.83793852
7.06513024	7.1972422	6.95172943	6.8638332	6.65664371	6.85713481	6.44973835
1.77345084	1.99581286	1.08549566	1.23775413	3.85256404	3.80430396	3.66034405
4.80780304	5.01590275	4.71100041	4.65849489	4.82281491	5.16565707	4.73405304
1.00E-04	0.20351282	0.14852989	0.08761723	1.00E-04	1.00E-04	1.00E-04
0.63763952	1.20817393	1.01911751	0.75354073	0.8104991	0.64739822	1.35300105
0.67562982	0.51077149	1.83410786	1.84599742	1.00E-04	1.00E-04	0.56481939
5.80128201	6.02047641	5.52001006	5.46789452	5.78717078	5.99614382	5.58120577
4.9354536	5.09874704	4.44289432	4.24105343	4.2313835	5.34562589	5.24528175
1.00E-04	1.00E-04	1.00E-04	0.13396059	1.00E-04	0.38529299	1.00E-04
0.71106356	0.7717552	0.83430614	0.77457497	1.15301534	1.00E-04	1.22985466
0.7704349	1.1164985	0.7178481	0.81619976	1.00E-04	0.38463273	1.00E-04
1.00E-04	1.00E-04	0.13088432	0.06579136	1.00E-04	1.00E-04	1.00E-04
1.86573007	1.74545659	1.57780395	1.76898529	1.19919127	1.91499789	1.96070839
5.90920061	6.0731387	5.59296495	5.49461259	5.91324226	5.979296	5.65388111
3.01448586	3.36761304	2.71487149	2.6061701	2.27825545	2.93579096	3.17085186
3.48892331	3.79085088	3.98187542	4.10215287	3.34455855	3.7873106	3.68713133
2.57312473	2.96085766	2.58190827	2.87816246	2.63087343	2.63842282	2.40941689
4.20071402	4.42147062	4.16741771	4.19902206	3.91908286	4.0679818	3.61306927
1.00E-04	0.23881798	0.24422207	0.2607466	1.00E-04	1.00E-04	0.23648577
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21403331	0.21139988	0.69957662	0.11240321	0.38442075
2.62525964	3.01352453	3.04243239	3.2659107	2.64853365	2.77409847	2.81928917
4.42928014	4.27445594	4.42418223	4.00301374	4.07558872	3.39274591	4.39903927
4.1467274	4.28489785	4.15108352	3.82350052	4.56083338	4.40777494	4.68980659
0.52396716	0.35974067	0.7994232	0.67099295	1.13026697	0.34271953	1.13129001
3.21269668	3.65501426	3.05125088	2.3443208	2.34072726	2.41728557	2.26745095
1.00E-04	1.33476463	0.73309434	0.74731329	1.00E-04	2.08202377	0.57409465
1.00E-04	0.17079261	0.1937004	0.06441146	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18350893	0.08350832	1.00E-04	0.30780692	0.65305275	0.23172291
1.00E-04	0.52044674	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28184192	1.00E-04	0.07609232	1.00E-04	0.59690854	1.00E-04

2.26771694	1.85444476	2.56571466	2.90808042	1.00E-04	1.00E-04	1.00E-04
0.59779657	1.26575138	1.4085596	1.60681962	1.00E-04	0.22044102	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12655971	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46935421	0.29972661	0.22156321	0.48514852	1.00E-04	1.00E-04	0.15149617
0.12230013	1.00E-04	0.09096743	0.24971213	0.60156552	0.53071688	1.00E-04
0.88232398	1.20538943	1.20180749	1.33810152	1.00E-04	1.39001993	0.69707516
2.84017431	3.08269973	2.88487694	3.10691059	2.2851696	2.34010088	2.51739408
5.23073021	5.39004275	5.10843093	4.98932219	5.08961676	5.52085412	5.04704591
4.04725021	4.04380194	3.87129339	3.86442854	4.00418762	4.0856774	3.48694161
4.56179253	4.55955371	4.05263912	4.07425124	4.40563778	4.35630206	3.67520778
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.38354782	0.46060755	0.42702639	1.00E-04	0.61981618	0.62613838
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.95816287	5.15154625	4.99025696	4.98452038	4.53739052	4.66216077	4.46611939
6.53236807	6.49829153	6.2850409	6.23459229	6.28320419	6.3459426	5.9756165
1.00E-04	1.00E-04	1.00E-04	0.09497444	1.00E-04	1.00E-04	1.00E-04
5.73974291	5.84074219	5.38832851	5.40936783	5.97935032	6.42104024	5.8287829
4.75245711	4.92609897	4.38596527	4.61160885	4.61474491	4.6332037	4.38794996
1.59077115	1.73927519	1.6449525	1.32049678	1.08434332	1.87257327	1.29316875
1.00E-04	1.00E-04	0.15166098	0.1730239	0.78234266	1.00E-04	1.00E-04
5.99325401	5.92635058	5.70585147	5.68224943	6.92331722	7.02787164	6.41802291
1.49403103	2.26965719	1.50260176	1.81347599	1.14379378	1.90721668	0.68226835
1.74129106	1.30081623	1.33509138	1.79905924	1.60589485	1.01708561	0.2481866
2.52894064	2.3280166	1.95002259	1.79311675	3.37837578	3.4975864	2.66606368
1.00E-04	1.00E-04	0.10544082	0.15321677	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07314043	0.15983547	0.2226855	1.00E-04	0.06695938	1.00E-04
3.54040291	3.62970511	3.59249623	3.66189968	4.66058091	3.93577224	4.17893473
0.9173728	0.7259842	0.56498254	0.47045438	1.05070843	0.57761812	0.60506541
2.69054505	2.95687935	2.60539377	2.62444216	2.81319469	3.05113421	2.52543327
0.59816546	0.72222902	0.9647032	1.27530555	1.00E-04	0.62075894	1.07133828
0.25333901	1.57617132	1.68260577	1.0668973	0.24496797	1.5512036	2.69387632
1.00E-04	0.16023425	0.38534641	0.15349384	1.00E-04	0.97529586	1.00E-04
0.14265331	0.16907838	0.27305898	0.43779903	1.00E-04	1.00E-04	0.24780212
2.89298747	2.90046074	3.1168161	3.14483964	3.1654585	2.41137089	3.43037665
0.20795065	0.40619486	0.37299732	0.56098728	1.00E-04	0.29937888	0.16770769
0.87429079	1.03662218	1.39923335	1.50571145	1.00E-04	0.91500872	1.65106711
1.69063874	1.49856541	2.06896601	1.87882191	1.42897848	1.42047046	1.90797697
0.52220286	0.39682896	0.25343634	0.03576381	1.00E-04	0.12640632	0.41062209
1.00E-04	0.42459917	0.24490403	0.1927001	1.00E-04	0.16158638	1.00E-04
1.00E-04	0.05651393	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28482166
2.19651908	2.2289993	2.96829706	2.81393855	2.71273301	2.30123567	2.40502387
1.72980302	2.11581533	2.38050701	2.41944112	1.61291964	1.65819382	2.64041502

2.34703714	2.7001381	2.09528735	2.25211884	3.06991712	3.33407698	3.77484492
1.00E-04	1.00E-04	1.00E-04	0.23716717	1.00E-04	1.00E-04	1.00E-04
0.39623505	0.87156597	0.17716563	0.39115881	1.00E-04	0.72050024	0.29401671
3.17262568	2.53363222	2.77523725	2.52597046	3.92016086	4.20756246	4.32477295
3.86422472	4.16042466	3.94853832	3.71226233	3.05317047	2.73927145	3.38711716
0.92516329	2.01500984	1.62968194	1.82378267	0.44340029	2.16288429	1.16798776
3.49923292	3.64665985	3.08268202	3.09855538	3.29842161	2.36071375	2.18131143
0.22793776	0.21318434	0.30825694	0.39171871	1.00E-04	1.00E-04	1.00E-04
3.43194015	3.61179442	3.61947943	3.69676699	3.18233627	3.21128322	3.30730209
1.00E-04	0.44572377	0.73185377	0.6405774	0.89553159	0.22044102	0.24295541
0.60337946	0.4319582	0.03911722	0.21783752	1.00E-04	1.00E-04	1.00E-04
1.0161637	0.54095578	1.0045416	0.86400872	1.47135923	2.74672836	2.51586392
1.00E-04	0.35398459	0.48541417	0.19552351	1.00E-04	0.82881718	0.39784012
1.44559747	1.76322067	1.86116873	1.83354715	2.49738731	2.99937029	2.81219107
0.28131421	0.14274969	0.15437747	0.07022196	0.77042044	0.43922983	1.31098949
3.98398494	4.36963491	4.05696491	4.08302161	4.41367165	4.68525624	3.99848593
1.47066367	1.85120006	1.57083378	1.76508696	1.90060989	2.15553258	1.57970472
3.10377407	3.07388189	2.20822918	2.63413231	2.04491867	3.1739176	2.75195798
5.50450702	5.65940339	5.2996224	5.25260608	5.6809756	5.82552425	5.27049117
1.00E-04	1.00E-04	0.20085984	0.09326227	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70897778	0.78801493	1.10977629	1.69116178	0.79857324	1.00E-04	0.74563827
0.17198161	0.66703939	0.16749309	0.17353537	1.46201136	1.14960206	1.00E-04
0.21375378	0.18563316	0.1286252	0.48975567	0.88560983	1.00E-04	1.00E-04
1.58253328	2.27121193	2.0949098	1.69585793	1.00E-04	1.09307943	0.27659073
3.80370331	3.76696761	3.40594565	3.62525356	2.0755791	2.87100254	2.6438002
0.13981433	0.82704609	1.00034287	0.91163048	1.2192719	2.27554725	1.49038216
1.00E-04	0.21322755	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03617762	1.75510505	1.59174239	1.57045617	1.97024827	1.44920952	2.34623706
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10337814	1.00E-04	1.00E-04	1.00E-04
0.34939726	0.18590644	0.4877341	0.23164419	0.6397631	0.39261666	0.27477876
0.2779322	0.33455758	0.091067	0.43684161	1.10345699	0.0838544	0.67919381
1.00E-04	0.06771236	0.09590349	0.23398191	1.00E-04	0.99360174	1.75414133
0.99310669	0.58155452	0.76397381	0.54210616	1.06048951	1.56475176	0.81241409
1.00E-04	1.00E-04	0.07621778	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.76306101	0.22522267	0.46067484	0.96119533	0.39173741	1.53891333
5.49202319	5.97913398	7.01076255	6.7509768	5.50453086	5.96291294	7.74667874
0.69406941	1.00E-04	0.06901905	0.51951491	0.6397631	1.00E-04	1.00E-04
5.82170427	6.31360991	7.40098666	7.19255905	5.23888558	6.06909384	7.86024093
5.26348787	5.44837802	4.93583552	4.84049869	5.10837054	5.48813908	4.87225383
2.39598171	2.88828765	2.59486768	2.66220502	1.17233886	2.37464625	2.249326

2.63252375	3.02080297	2.84864077	2.93519518	2.03776641	2.60046558	2.69844306
4.6584083	5.02991691	4.60538956	4.71820609	4.70212716	5.06453748	4.64339585
3.9769354	4.14873707	3.62291895	3.75616402	4.10284361	4.12736327	3.75592322
2.98850451	3.31324159	3.58414088	3.52229158	4.09633728	3.99938432	4.23019481
3.37571989	3.34032644	3.45027687	3.74922161	3.07985311	2.64674226	3.25102017
1.82819098	1.87718533	2.11340955	2.245852	0.24496797	1.26966561	2.32934096
2.43983051	1.92195383	2.01763188	1.78105556	2.00053898	1.36633008	1.92130325
3.08473211	3.72988127	4.23078481	4.0063409	3.38017295	3.75460695	5.1853836
3.98542407	4.37647336	4.47182404	4.34461551	2.08876628	2.16256836	2.8426941
5.06115067	5.2988409	5.0259975	5.01279468	5.00301871	5.33782619	4.92642961
2.26203444	2.82474162	2.21016199	2.1063625	2.47751958	2.74796976	3.13795356
3.02566171	3.47139182	3.53656883	3.60108122	2.25908002	3.02637033	3.20840158
1.00E-04	0.23881798	1.00E-04	0.20884644	1.00E-04	0.2210583	0.72354965
0.70514688	0.40080466	1.02623246	0.74778955	2.84050606	1.88574751	2.29105994
5.5940384	5.67778039	5.4425716	5.26875238	5.70071033	5.75240654	5.52125986
0.19366475	0.34080002	0.0429386	0.05613198	1.00E-04	0.67759081	1.00E-04
1.25112685	1.66598678	1.56871836	1.55774206	0.68552334	1.8203386	1.28091419
2.1931844	2.21840807	2.18201448	2.32325849	2.74067537	2.73985472	2.54687312
4.6524322	4.62554488	4.70762861	4.7034163	4.44925141	4.65818911	4.75293462
2.48832796	2.74192466	2.72546163	2.76168487	1.84756848	2.04616142	1.92547202
1.28741317	1.22748369	1.73682168	1.82244831	1.00E-04	0.86379144	0.52486693
0.30827996	1.79819355	2.00714736	1.6407173	0.54050558	1.24870319	1.62539241
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.52088276	4.75329677	5.34400753	5.3805483	3.58013289	3.90870186	4.88298805
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.20695077	1.14983964	0.25275834
6.40062977	6.3774312	6.42464049	6.49588323	4.93537168	4.31508625	4.07578295
1.00E-04	0.81141247	0.25962705	0.46543559	1.00E-04	1.00E-04	0.11699513
4.20653344	4.08375589	3.37494781	3.7806051	3.19596995	3.39258406	2.81107149
6.33836847	6.54719436	6.21827032	6.07036317	3.43988693	4.24503511	3.92946244
3.84505848	4.11758657	4.0279092	4.08532344	3.91303682	4.10754873	3.80065108
1.00E-04	0.36998406	0.16554576	0.13664166	2.39630292	1.84306214	2.1582918
1.00E-04	1.00E-04	0.29060356	0.38794877	0.67865304	1.4831077	2.13867046
1.00E-04	0.19326927	0.10341389	0.32853064	1.00E-04	0.54086741	1.00E-04
1.00E-04	1.00E-04	0.2030581	0.3173615	1.00E-04	0.12640632	1.00E-04
1.00E-04	0.18742402	0.627147	0.41204888	1.00E-04	0.21637101	0.94909469
0.49042319	0.42142764	0.82431113	0.74338379	1.00E-04	1.66461271	2.03025378
1.00E-04	1.00E-04	0.54138162	0.39195359	1.00E-04	1.00E-04	0.92040606
1.00E-04	0.10819332	1.00E-04	0.10333101	1.00E-04	1.00E-04	0.21495559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.47029016	2.53152548	2.47153893	2.48162695	2.28873717	2.4090573	2.11950697
2.12796974	2.20505835	3.62077347	2.29302191	0.60581275	2.20399977	4.74775587
3.7701294	4.08419086	3.79470533	3.81380689	4.06221335	4.46994882	3.72057524
4.96861767	5.30008598	5.10387504	5.22870637	4.73060006	5.18413801	4.9573487

5.4552707	5.57128262	5.63053691	5.37344503	4.86482181	4.85015397	4.86067356
1.00E-04	1.00E-04	0.08320275	0.06690975	1.00E-04	1.00E-04	1.00E-04
1.49761641	1.44956642	1.50130296	1.38480381	0.43177254	0.76787138	1.8531883
1.5290108	1.93639359	2.32797859	2.15472559	0.6417593	1.87067522	2.13815417
1.5556589	2.22040726	2.18457833	2.08118069	2.28921251	1.70925379	2.22995374
1.34317798	2.24336525	1.54712401	1.18800509	4.13572107	4.55441256	3.93891341
3.26136592	3.54184162	3.19251904	3.00050621	5.96211657	5.91368122	5.4143613
5.10357646	5.15950519	4.7684977	4.51212815	2.43225341	2.8486147	3.12059666
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.0689089	4.49337181	5.40338677	5.41181813	3.97798594	4.19294328	5.6448078
2.91309172	2.96620629	3.16421582	3.0053226	1.87205571	1.49632357	1.83694962
3.41109051	3.97795743	4.93713716	4.93265379	3.36321657	3.95414284	5.01849311
2.13472144	2.40823378	1.7625391	2.19274463	0.89705869	0.57064204	0.96615949
0.27051899	0.25987378	0.37541839	0.44459217	1.42174648	0.39075943	1.45482538
3.72599572	3.7372246	3.70297093	3.75987827	3.90718115	4.05366247	3.87337234
4.70374427	4.90997642	4.47798812	4.43066258	4.20644193	4.59488308	4.37102649
2.99814703	3.40687637	3.01134086	3.22388819	3.03095784	3.21098505	2.96017043
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64147591	0.1960454	0.36063943	0.46666393	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25031672	0.41073684	0.26001311	0.44085717	0.5165485	0.31424664
1.00E-04	0.196274	0.2570977	0.56082929	1.07807742	0.06695938	0.38418113
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.62179025	1.06431582	1.25898733	1.96584831	2.31518722	2.58198042
0.44312642	0.49659281	0.78108233	0.79199655	1.00E-04	0.48019714	0.35459209
1.00E-04	0.39164927	0.38327106	0.51424806	1.00E-04	0.33938571	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1169307	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28375456	1.00E-04	0.09669029	0.08988729	1.00E-04	1.00E-04	0.16885696
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35022614	1.00E-04
1.54735334	1.44733394	1.59189706	1.8574599	3.58596379	3.27066453	1.34985623
1.00E-04	1.00E-04	0.17720205	0.04373815	1.00E-04	0.47271466	1.00E-04
1.00E-04	0.26292835	0.13105658	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18642102	1.00E-04	0.17829368	1.00E-04	1.00E-04	0.13285762
1.00E-04	1.00E-04	0.11506693	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06129426	0.17611879	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11305553	0.10189081	1.00E-04	1.00E-04	1.00E-04
2.61399857	2.69503375	3.04616798	2.88918096	0.98124976	1.11761761	2.66738605
3.25836468	2.9640019	3.93087547	3.41766406	3.39018296	2.87331696	3.49776224
0.46007752	0.90511854	0.99002259	1.78396522	1.00E-04	1.00E-04	1.30501726
2.95227967	3.67050644	4.37709583	4.49283326	2.89899303	2.86087044	4.0394036
0.22248093	0.14285049	0.04887601	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.65100696	4.62224337	4.29167767	4.16767159	4.80006876	4.71673825	3.89204439
1.53477465	1.89124342	2.87002457	2.94527124	1.00E-04	1.00E-04	1.09387306

1.00E-04	0.73530652	0.28512239	0.44147215	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24115982	0.08625302	0.06583786	1.00E-04	1.00E-04	1.00E-04
0.238384	0.18693847	0.17985912	0.40146028	1.00E-04	0.51556887	0.14835414
3.22808877	3.6157711	3.08061681	2.98303176	3.91559891	3.89318601	3.17803084
2.41395375	2.39088882	2.45386724	2.74940949	0.9915871	1.63900491	1.92710882
2.00066806	2.29635801	2.39167463	2.87569133	1.60594179	1.73429266	2.613148
4.24342681	4.26216647	4.09250139	4.02361545	4.13613885	4.17256263	4.13829922
4.88657692	5.3854688	5.0406408	4.96614277	3.7415657	4.40525486	4.32865312
2.67991369	2.65541127	2.4787325	2.5532993	3.75025704	3.5685092	3.43304678
4.13148624	4.44983263	4.31924343	4.12700107	4.06430192	4.36857185	4.51120512
3.97236041	4.19439123	3.78406699	3.61792288	4.93424894	4.97910246	4.54572292
3.87168786	3.95562059	3.42971201	3.64156261	4.00840686	4.1909581	4.05471403
2.5076866	2.39674862	2.68904681	2.6062321	2.30368658	2.40823519	3.36111278
1.00E-04	0.31024174	0.34827425	0.21665904	1.00E-04	0.11293056	0.11699513
1.00E-04	0.09974941	0.06635498	0.12792087	1.00E-04	1.00E-04	1.00E-04
0.58700802	0.89735464	0.33638205	0.48158703	1.00E-04	1.00E-04	0.28482166
0.37346616	0.47230113	0.17725226	0.12233036	1.00E-04	0.56435897	1.00E-04
1.17735554	1.37283282	1.11912539	1.05921682	0.53515803	1.42620776	1.40700669
1.00E-04	0.06491731	0.23164824	1.00E-04	0.39382455	1.00E-04	1.00E-04
4.31339268	4.29506394	3.93822938	3.95088843	4.72845181	4.7130902	4.03091716
4.36294134	4.73648992	4.51346331	3.98362794	2.78711332	3.33412024	2.52658672
2.01528062	2.5105301	2.4327366	2.53225885	2.83357573	3.22642693	2.67788227
1.00E-04	1.05769445	0.42829627	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.34222611	3.59854888	3.13854957	3.20425325	3.25533898	3.23715239	2.81612599
4.54330339	4.79138017	4.46908234	4.25949339	5.0667562	5.05074606	4.73400761
1.00E-04	0.4229675	0.16575303	0.2101982	1.63464598	1.29595339	1.00E-04
0.78726418	0.38322099	0.14018531	0.18583408	0.44085717	0.74573884	0.48475605
1.00E-04	0.04534268	0.11256031	0.10372606	1.00E-04	0.61786682	0.13785291
0.44041926	0.53589708	0.55469433	0.5868294	1.00E-04	0.77731918	0.6912827
1.00E-04	1.00E-04	1.00E-04	0.05686287	1.00E-04	1.00E-04	0.09464396
1.00E-04	1.00E-04	0.08901032	0.07879597	1.00E-04	1.00E-04	0.82411826
1.00E-04	1.00E-04	0.20061871	0.06296037	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0400729	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30839953	2.97032429	2.75739126	3.05399439	0.54258268	1.36762071	0.79921801
1.58336006	1.72496312	2.31900675	2.35064102	0.73233247	1.300181	2.21163068
3.81344066	3.92446659	3.29508963	3.19009033	4.20603138	3.94641294	3.25443328
3.56190084	3.79726274	3.85650414	3.91461122	3.40349418	3.71803937	3.55439796
2.84676481	3.03484738	2.459176	2.51762466	4.43005611	4.44345475	3.98492334
1.00E-04	1.00E-04	1.00E-04	0.05671287	1.00E-04	1.00E-04	1.00E-04
4.9393374	5.26045892	6.05113558	6.10258257	3.96498983	4.17950632	5.50535985
0.36623685	0.32611879	0.5763095	0.76146742	1.00E-04	1.00E-04	0.25370611
1.00E-04	0.61172363	0.06861403	1.00E-04	3.10678646	3.33516529	4.23418517
4.85311192	5.03899075	4.72341407	4.61864413	4.80560359	5.45293407	5.01175869

2.45129177	3.18012523	3.41916541	3.39644024	2.0940615	2.82407585	3.52863731
0.42982259	1.14222715	0.41997304	0.42038681	0.40912496	1.55082926	0.84763519
0.69579484	0.8804017	0.09809598	0.09508324	1.54444543	0.30065849	1.00E-04
0.79017542	1.15716513	0.51936117	0.80231664	2.63109093	1.33236994	1.35583342
3.63545645	3.99414935	3.48303181	3.77223339	3.33438824	3.63932807	3.66746058
3.11422779	3.33112245	3.06591586	3.2114754	2.82478041	3.18160128	3.11326249
1.00E-04	1.00E-04	1.00E-04	0.09479254	0.70997801	0.18597055	0.36809335
0.57276533	0.46250667	0.42186726	0.39196521	0.44157893	0.7532909	0.31673793
1.00E-04	0.42812183	0.9546638	1.26322938	0.53493338	0.74275694	0.68128043
1.00E-04	1.00E-04	0.30888299	0.27362106	1.00E-04	0.47354754	1.00E-04
1.55760167	0.93483804	1.20884334	1.2982718	2.97433567	2.04988685	1.5166115
0.38373526	1.20282519	1.05360122	0.5935027	3.58296474	2.15803234	3.29606753
5.15268132	5.00826761	4.74935471	4.72166733	4.83927542	4.4101635	4.46379576
2.17543933	2.7594303	2.5138999	2.66308214	2.10947141	2.19413918	2.80580865
1.00E-04	1.00E-04	1.00E-04	0.16160113	1.00E-04	0.40983364	0.85348924
1.00E-04	0.18458178	0.39151434	0.45215819	1.00E-04	1.00E-04	0.74403
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04959699	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.60818237	0.62364022	0.78241394	1.00E-04	0.5289995	0.29945792
4.18170833	4.11961297	4.20060761	4.32186086	0.74365793	0.89220781	0.9013473
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.46454195	1.00E-04	0.20899499	1.00E-04	0.45330561	0.43069736
3.45076733	3.5496762	3.24550705	3.42694131	3.77712315	3.9380058	3.90993648
5.17861487	5.29718174	4.9859415	4.78999628	4.96446824	5.01892004	4.48368397
5.53957469	5.74938591	5.24109285	5.15450119	5.86943395	6.01008957	5.47404354
3.29278073	3.13653617	2.6354973	2.68249104	3.6675033	3.24734982	3.26718885
2.49994419	2.59584304	2.66366288	2.56463143	2.35014658	2.68015987	2.61705378
1.06721142	1.49620304	1.30313106	1.14186202	1.8240623	1.43993896	0.8117209
2.60800982	2.54076473	2.70913945	2.73532903	2.31688236	2.96565923	2.98533224
1.00E-04	0.94371417	0.81872936	0.86280915	2.28122724	1.55247163	1.15682471
1.81773934	0.92083946	1.62825922	1.68474312	1.91597247	1.33967881	2.48436557
2.43836465	2.37178023	2.35066317	2.63940648	2.82299247	2.80298174	3.05897774
4.17485938	4.19151386	3.65207687	3.58865278	4.34810181	4.40281685	4.05511961
5.04784094	5.36312693	4.91006933	4.74644649	5.14707737	5.23763757	4.75045992
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.57126773	2.46305879	2.50716522	2.49752934	0.84840873	1.84940837	1.09729352
0.77135414	0.58923076	0.95855467	0.70822358	1.00E-04	1.00E-04	0.60761413
1.00E-04	0.30761309	1.00E-04	0.20549117	1.00E-04	0.12640632	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17418682	1.00E-04	1.00E-04	0.07440699
1.00E-04	1.00E-04	0.18746135	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67573397	2.17243732	2.3044035	2.2162475	0.70997801	2.02686372	2.46702959
0.29138726	0.83836201	0.35537128	0.41269373	0.48060496	1.09453211	0.14701138

2.54951366	2.08842883	2.19150069	2.23415517	2.10093182	1.07477349	1.79771904
5.05337778	5.15063321	4.83774227	4.88846824	4.93749419	4.75377243	4.59907824
1.88838014	2.07779674	2.22813805	2.17448968	1.02609218	1.49188835	2.36091445
2.99183954	3.2478626	2.78693582	2.89977535	2.93781269	3.24385754	2.89499923
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37848123	1.00E-04
1.00E-04	1.00E-04	0.13431276	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61082273	3.04869822	2.74646265	2.67019547	1.98815298	1.54614623	1.94071937
0.77777685	1.08368395	1.72746923	1.47687259	1.00E-04	0.11240321	0.56797707
0.42104474	0.35770152	0.185988	0.36085597	0.52474525	0.22057069	1.39112871
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67391014	1.00E-04	1.00E-04
2.94096151	2.9693079	2.51241974	2.51058274	3.29491369	3.33213725	3.17629098
3.2947538	3.8518209	3.83541617	4.0421663	3.0959715	2.98064452	3.38054181
1.00E-04	0.31152204	0.09929408	1.00E-04	1.00639663	0.29937888	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.18500346	4.19242224	3.89943847	3.88608911	3.97124948	4.22340494	3.71362488
3.18310208	3.35307959	2.95107004	2.85759196	3.06085449	2.51343833	2.78756733
3.31935082	3.2154055	3.43838844	3.21336415	3.43099565	3.83325397	3.40388994
2.42565887	2.32054563	2.18256128	2.29129971	2.3787561	3.160391	2.72548778
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3470155	0.16521377	0.62704782	1.00E-04	1.00E-04	1.00E-04
0.24887198	0.920602	0.65317928	0.58922928	1.00E-04	0.12640632	0.32502076
1.00E-04	1.00E-04	1.00E-04	0.06214831	1.00E-04	0.72798106	1.00E-04
0.16864963	1.00E-04	0.47433946	0.38972124	1.43240845	0.31965103	0.89505179
2.07915842	2.22909894	2.55554191	2.65251953	1.21597187	2.0748989	2.30137912
0.76308457	0.8410405	1.53241428	1.14186222	0.52105756	1.05540775	1.00E-04
0.96981272	0.73456333	0.82739178	0.65628195	1.00E-04	0.5863536	0.79362518
1.00E-04	0.70094783	0.56978379	0.66992904	1.00E-04	1.53273876	1.01977034
3.32273679	3.67769359	3.3905092	3.43758321	3.7123391	3.85888734	3.34630391
2.9573768	3.31543575	3.49619296	3.45700028	1.58260768	1.97890186	3.55659999
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22687905	0.78458328	1.29555572	1.24115925	1.00E-04	0.54660326	0.84392835
0.6119412	0.78831835	1.53811781	1.12484882	1.00E-04	1.90219444	2.32258885
0.61314668	0.36900015	0.57658087	0.73025053	0.74481366	0.6382244	1.49285791
1.18853226	0.91564252	0.87385307	0.68363875	0.45889659	0.70841723	0.81889067
2.77147436	3.49463736	3.36745638	3.45716814	2.76342536	2.74492143	3.02673611
4.69908372	4.90873764	4.96533606	4.99663781	5.49944798	5.8150595	5.89235232
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43828417	1.00E-04
1.47437958	1.54595301	1.33737993	1.617135	0.59189493	2.3409504	1.86164632
1.00E-04	1.00E-04	1.00E-04	0.0493351	1.00E-04	0.30127966	1.00E-04
0.16864963	0.90678508	0.80728734	0.67546547	1.69548456	1.00E-04	0.92572682
0.39149292	1.00E-04	0.05171389	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.42662572	2.53398328	1.94389078	1.8700709	2.33396239	1.35747983	1.25779837
1.84297729	2.38789176	2.26610902	2.28343426	2.29992678	2.76912895	2.51871294

1.38826434	0.85506875	1.20656612	1.28012019	1.16190148	0.66128691	0.82494126
2.03336849	2.68519117	2.68204481	2.81493631	2.0828439	2.81081855	2.70809907
1.98224385	1.8891042	1.66194006	1.79470844	1.83106683	1.58891181	1.99781405
2.507943	3.01636092	2.68034689	2.72275874	3.06498654	3.14630989	3.01616592
0.86824249	1.24761673	1.70581091	1.69415184	0.88187988	0.61143155	1.10568508
1.00E-04	1.00E-04	0.0415716	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75702883	0.8887254	0.8880077	0.75903077	1.22125559	1.53657664	2.18250371
1.77859859	1.92192112	2.43529628	2.47666999	1.42456348	1.4528921	2.14816596
1.72154127	1.6554581	1.61692975	1.61555599	3.54513816	4.43801576	3.82002623
2.85209025	2.73653812	2.85879279	3.0260924	2.64958202	3.26813417	2.93861739
1.00E-04	1.00E-04	1.00E-04	0.08035962	1.00E-04	1.00E-04	1.00E-04
2.24109489	2.44873779	3.0825775	3.11938898	2.09376704	2.02317148	2.67258587
2.66842225	2.44671834	2.59029395	2.87546791	1.00E-04	0.20839209	1.44767608
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.24759075	3.27011444	3.23674864	3.22647065	2.81748918	3.38895261	2.86950668
3.59766155	3.74189993	3.36721189	3.19203688	3.39742078	3.54763106	3.46783249
3.52271687	3.58733408	3.36966197	3.0270911	3.63989212	3.52551425	2.51376293
3.42790317	3.73185671	3.32312459	3.24114821	2.66359323	3.08384414	3.21064162
3.99287147	4.05404925	3.80068457	3.74199437	3.78222505	4.03206754	3.83166009
1.00E-04	0.36314483	0.09491786	0.29252753	0.6397631	0.45110087	0.66491646
1.00E-04	0.23881798	1.00E-04	0.12376185	3.45849388	1.62663821	2.6298933
0.91955315	1.13662139	0.88058758	0.95216642	1.00E-04	1.01234151	0.61089328
1.00E-04	0.25366114	0.61435066	0.6651702	0.24496797	0.63783463	1.07679981
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8682258	0.11287486	0.29996441	0.24960787	1.00E-04	0.60169981	0.84192353
3.00843285	3.25200186	2.90836121	3.02892705	3.42264123	2.98028008	2.8106978
2.62407939	2.99176645	2.83556857	2.69606122	4.81572342	5.21674847	5.13272106
3.53034213	3.86289913	3.61948086	3.62812958	3.81075429	3.78026181	3.74392034
2.49290547	2.49834627	2.30842081	2.25041964	2.84149445	3.02710217	2.40071301
1.39738707	1.14008417	2.0017722	2.15524559	1.66139076	1.89025042	2.60663152
1.86451068	2.00763877	1.80089631	1.82265743	1.4486593	2.3642159	2.26055705
0.53430018	1.3389973	1.75911424	1.96689985	1.00E-04	0.74664414	1.00E-04
1.00E-04	1.00E-04	0.08446882	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.86938384	4.99627278	4.81854699	4.8675563	5.29141702	5.13946927	4.93405581
3.28307962	3.50347482	3.84773536	3.91854105	2.80805634	2.91552618	3.22225266
2.01388922	2.50819468	2.46951197	2.52471943	1.16337086	1.11129152	1.11629845
1.00E-04	1.00E-04	1.00E-04	0.07906352	1.00E-04	1.00E-04	1.00E-04
1.64761534	1.75548017	1.45901581	1.81653459	3.15806209	1.53884634	1.49768017
1.00E-04	0.06522668	1.00E-04	0.20871632	1.00E-04	1.00E-04	0.19124552
2.02671499	2.62984168	2.3463665	2.44190851	2.74661879	2.19456277	2.69116033
3.91363183	4.1895568	4.32180743	4.4523745	3.53842147	3.88938525	4.23765842
0.65985794	0.41460885	0.11271019	0.48510707	1.00E-04	0.90939221	0.23721926
0.44324267	0.48896549	0.98628625	0.61611569	0.54370492	0.55360685	1.22707317

0.50821136	0.10699215	0.29368384	0.36873047	0.81339289	0.49908325	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16789372	2.95033767	2.83474036	2.59932431	2.39152154	2.52951409	2.19452289
2.83887457	3.12166258	3.35202698	3.42805419	2.94815467	2.91855232	3.08862602
3.71557526	3.56271719	3.26164717	3.32323678	3.2603226	3.61230269	3.3060465
5.25053171	5.28665752	4.93740551	4.8561639	5.14490818	5.38219034	5.09499891
3.87440666	4.2288251	4.99923697	5.23054672	1.04533746	2.17491176	3.20638865
2.45327452	3.1448088	2.80171388	3.08155016	1.00E-04	1.49229522	1.49281755
4.26194192	4.76082589	4.72795639	4.86369864	1.25694535	2.08614893	2.71093345
4.00178719	4.11280109	4.34880988	4.54273122	1.76028851	1.02596702	1.58246124
4.08229467	4.55794407	4.54639708	4.83511257	1.37543017	2.40587348	2.27200647
5.2742088	5.62733944	6.05926055	6.23945892	1.02774701	2.40424107	2.17682816
4.37525098	4.35857928	4.27675935	4.54520156	1.67533366	2.68238945	2.06685734
1.00E-04	0.58863926	0.4469545	0.52537503	1.00E-04	0.57028545	1.00E-04
2.35556639	2.53435206	2.44541916	2.56795418	2.13505752	2.50041372	2.2223283
3.42266564	3.72129759	3.61892499	3.52454596	3.72983747	3.66614626	3.79441804
2.1174336	2.50412542	2.49864888	2.46004414	2.29090732	2.59899318	2.49215918
0.3186806	1.45124931	1.01933537	1.27883647	1.23058514	1.89703953	1.10987354
0.21375378	1.02939811	0.32910514	0.46086944	1.00E-04	1.00E-04	0.40764238
1.59995617	1.41543936	1.38241084	1.23234294	1.45731125	1.4727745	1.38137096
1.00E-04	1.00E-04	1.00E-04	0.09722103	1.00E-04	1.00E-04	1.00E-04
0.5080602	1.57980054	0.94614812	1.16012313	0.79487682	0.54636642	1.97828626
2.51041723	2.49137221	2.33085798	3.36096134	1.00E-04	1.00E-04	0.31078224
0.32643701	1.00946992	0.3894093	0.77050977	1.00E-04	1.00E-04	1.00E-04
2.54096444	2.95710405	2.88736821	2.97429106	2.33802175	2.63915909	2.66103855
5.05647869	5.13645015	4.82756216	4.80028518	5.43078246	5.31899434	5.0746686
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23073174	0.13378071	0.16467354	1.00E-04	1.00E-04	0.7847401
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61434682	0.64256786	0.5989723	0.80457652	1.09499872	0.86218694	1.2561967
1.00E-04	1.00E-04	1.00E-04	0.09176124	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05033913	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18078364	0.64688883	0.20872361	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05316539	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02562244	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21126039	0.47230728	0.61390503	0.61063181	1.00E-04	0.55308547	0.13285762
0.36552335	1.44785867	1.05051441	0.86645723	0.55964322	0.59800723	0.27477876
0.5548535	1.05519028	0.5844469	0.71375555	1.00E-04	0.91719773	1.00E-04
1.00E-04	0.34348964	0.08918228	0.06525369	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0631453	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66890238	2.97334002	2.54024552	2.59234244	3.78283964	4.15182158	3.97633736
2.13858799	2.36968249	1.66444182	1.73962095	2.11645484	1.9066651	1.04162823
1.84904125	2.0821469	1.78535955	1.63949856	2.63063588	3.32065818	3.41142043
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46809692	2.30959227	2.8102862	2.60811191	2.09057978	3.44082945	3.48217543
4.19927428	4.37458556	4.18333986	4.16625863	4.13577982	4.16191395	4.3877592
1.18988115	2.19393612	1.89698	2.2925161	1.09921838	1.97179242	1.06174301
1.00E-04	0.42321996	0.10838154	0.4634534	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07559824	1.00E-04	1.00E-04	1.00E-04
5.48815756	5.43973048	5.4306613	5.03006199	5.1963686	5.68081281	4.86184632
3.58532713	3.53680146	3.1459108	3.28095143	4.5344802	4.2923961	3.27956465
0.91260797	1.19441054	1.31711696	0.97029185	1.04107268	1.27070596	1.25552776
1.01328357	0.71928543	0.68615801	1.31087956	1.50814726	1.87947938	0.74305334
3.81095215	4.08543725	3.74738479	3.65372102	3.70585697	4.0864658	3.86039905
5.49240224	5.61317092	5.23601788	5.17229958	5.113818	5.3819703	5.00728398
0.91841455	0.8504588	0.70192628	0.29577574	1.00E-04	1.1476152	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45330561	1.00E-04
0.63070356	0.21605836	0.0633007	0.0818905	1.00E-04	1.00E-04	1.00E-04
2.41990584	2.44644697	1.96514872	2.19391103	2.80278691	2.09855739	1.92967389
3.66556224	3.96409592	4.53584443	4.77821	3.47305234	3.65141071	3.82654134
0.16220814	0.12148365	0.05387893	0.04305103	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.52322399	4.79510776	5.20975575	5.31265249	2.47050606	3.86057453	4.67397583
0.58191412	0.61498073	1.02140015	0.40820429	1.27217563	0.74913064	0.68619806
1.00E-04	0.74475357	0.18706349	0.40665295	1.00E-04	1.00E-04	0.84306185
1.05499787	1.4650746	1.10986096	1.24883519	1.00639663	2.02305231	1.00E-04
4.41584686	4.54220406	4.17352898	4.23197759	4.27298027	4.44250733	3.54661722
1.72354879	2.25618514	2.5911546	2.47762338	1.53065681	2.36790692	3.01285105
2.70415274	3.10569103	3.1878256	3.38733518	2.66134353	3.36563038	3.5499467
2.52863132	3.21633414	3.484744	3.5890902	2.47756378	2.6603543	3.12430387
1.00E-04	1.00E-04	0.35006453	0.22709589	1.00E-04	0.717593	0.85862957
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57278033	0.67809116	0.63297409	0.44543671	0.5763368	1.00E-04	0.81589962
1.51401166	2.54177138	2.48372582	2.30651491	2.41519017	2.47767591	2.16796189
0.73659506	0.71485189	0.59748665	0.5785014	0.91826036	1.57131448	0.99618917
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11565659
0.36762306	0.58156401	0.34337247	0.27179373	1.00E-04	1.00E-04	1.00E-04
0.25189414	0.92194119	1.0668719	0.98401784	1.10070734	1.62479241	1.39602797
2.79108231	3.52775084	3.98870318	4.07592812	3.51468922	3.26889021	4.2030943
2.06631518	2.59004814	3.27831014	3.47403159	2.15964911	2.6519693	3.17843084
3.70891368	4.0011978	4.05640476	4.08311206	4.21598892	4.11417364	4.32310929
2.02462345	2.7748715	3.49763046	3.45882588	1.95036335	2.0216951	3.28547341

5.82574571	5.89035397	5.58681272	5.54228718	5.46003257	5.67552936	5.30834723
1.0887951	1.8784382	1.10958195	1.26678442	1.21924725	1.42428391	1.67728874
4.00621665	4.47896003	4.09471587	3.91443058	2.12496575	3.14265393	2.84962158
1.00E-04	1.00E-04	0.09814218	0.05079656	1.00E-04	1.00E-04	1.00E-04
1.81972976	2.21158091	2.60213019	2.76922528	1.40290496	2.05968835	2.6457872
1.46298325	1.7779431	1.69514779	1.89549736	0.49775343	1.96789012	1.58102695
3.24444469	3.71905804	3.64887676	3.66285907	3.61664662	3.18445929	3.48028252
1.00E-04	1.00E-04	1.00E-04	0.23261373	1.00E-04	1.00E-04	1.00E-04
4.34020996	4.35530651	4.47486912	4.35199592	4.03266252	4.28291134	4.27127005
2.86490048	3.72043903	3.84653787	3.51780585	2.20131617	3.62995673	4.00398413
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88261086	0.36056844	1.41188919	1.13132764	0.54293045	0.57847223	0.6845356
3.94967529	4.304878	4.03045683	3.98877514	4.47430782	4.42841939	3.8094868
0.64407389	0.71922978	1.0000252	0.52440919	2.67229132	2.70182424	2.42578402
4.60191807	4.88223186	4.63817716	4.51476439	4.52738869	4.94188486	4.70304136
1.00E-04	0.13619559	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32061292
5.77571383	5.9025395	5.46775791	5.33018181	5.86793677	6.03815453	5.37807124
3.36095717	3.54981524	3.13023545	3.20475321	3.78608333	3.61399293	3.13940761
3.12353543	3.20589623	2.95150012	2.95022994	3.40000353	3.67027724	2.98470333
3.14133784	3.08003023	3.23407716	3.29181827	3.17437203	3.39360371	3.6630596
5.21425523	5.53887359	6.37100349	6.4642329	4.23555116	4.71561723	5.75685548
3.80600513	4.00729004	3.97643884	3.79533315	3.90282453	4.00568885	3.65797339
1.00E-04	1.00E-04	0.03630346	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.38236824	1.00E-04	0.04911836	1.00E-04	0.82805058	1.00E-04
1.91631053	2.31125858	2.64964089	2.55931518	1.66730886	2.25533996	2.69311774
1.68542852	1.53126824	1.97650574	1.8142732	1.79242652	1.9061325	1.53530408
0.31870878	0.90631383	1.45637271	1.48024247	0.9972799	0.78087715	1.36796671
1.35540431	1.84561567	2.32606942	2.44522818	1.56549855	1.30246361	1.4928726
2.79856406	2.98588864	3.54609631	3.58965452	2.63893368	3.38704095	3.65199758
3.69769609	4.12092694	4.00768299	3.99007908	3.97619913	3.95527503	3.64157164
1.00E-04	1.28777668	0.77495756	0.30800675	1.72692567	1.28005802	1.36718782
3.93627683	4.01851304	3.64512375	3.56899682	4.06874555	4.15503311	3.6389219
5.12344489	5.27811607	5.02671116	5.05497695	4.74689731	5.00926052	4.63387262
0.12130432	1.32727266	0.64995475	0.90386636	1.00E-04	1.47407322	1.07485312
0.75069646	2.12371403	1.65885422	1.17058231	4.62391106	4.22678453	4.03536951
0.45899339	0.68859164	0.59873715	0.27087281	1.14760052	0.43958412	0.83435105
4.40598763	4.66816158	4.95577904	4.999216	4.28491863	4.67516942	5.23691933
4.40240095	4.69783257	4.61579062	4.68868573	4.12720645	4.26014682	4.31930671
2.45691486	2.69148283	2.63875483	2.81459588	2.38515819	2.2530971	2.29007442
1.04184974	0.78733752	1.05667887	1.1143381	1.00E-04	0.95610275	0.88275591
5.29759719	5.24797839	4.56088571	4.6583199	4.8722776	4.53235722	4.44721343
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.4816089	1.67854918	1.9696908	2.12431666	1.26843577	1.47765925	1.58227353
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44868011	0.38564196	0.47388688	0.27175984	1.00E-04	1.00E-04	0.95508906
5.87345181	5.88494338	5.51856073	5.55688411	5.76655821	5.92052787	5.402563
3.1084142	3.27097461	3.05371084	3.05298715	2.10032174	3.05604452	2.77150309
3.87901071	4.35493589	4.70628276	4.80340859	3.77038096	4.00851807	4.74098112
1.00E-04	0.4507681	0.21429337	0.19957267	1.00E-04	0.76985722	0.12174474
0.78404952	1.64871743	0.93117746	0.69420369	2.11712347	3.35866534	2.16940898
1.14967423	0.63747043	0.77012007	0.61446878	2.85049356	2.73789045	2.97723421
3.39502277	3.80456379	3.5361345	3.61921024	3.72206967	4.11037959	3.73762206
2.94440198	3.44634158	3.88416219	3.82464019	2.79058078	3.58349147	4.67400042
1.00E-04	0.85479609	0.78514911	0.78129499	1.00E-04	0.28241755	1.48543682
1.55601365	1.98482552	0.84033222	1.18042341	1.00E-04	1.65337479	0.70715781
0.28661656	0.59389542	0.69956636	0.39627013	0.52105756	0.53672067	0.26662489
6.38059368	6.42365735	6.13631056	6.07420109	5.00828696	5.16806241	4.815316
0.66868199	0.84593548	1.4705778	1.58210152	1.00E-04	0.91617438	1.87891177
0.61944053	1.04410216	0.64736012	0.47691417	1.76700673	1.00E-04	0.3727145
3.74606858	4.04350129	5.13798175	5.20478774	3.66181491	3.96842282	5.4000015
2.11113219	1.96421836	2.0092901	2.1339733	5.53581513	5.36875357	4.7170832
0.88748074	0.61625121	0.50849739	0.91110773	1.00E-04	0.16898238	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93154176	1.56425743	1.6156573	1.43747895	0.86278037	1.49807894	1.7932386
2.54544	2.79867938	2.81558953	2.69092638	2.72794203	2.98740746	2.75978797
2.89941981	3.28337269	3.15193043	3.19895962	2.69425677	3.112981	2.94012951
3.34468127	3.73894356	3.32058974	3.53817155	3.40528335	3.28268803	3.14084555
3.85569402	3.53112148	3.18263576	3.42436675	4.03640972	3.87059653	3.64355356
3.5607219	4.09125505	5.2933527	4.21230291	0.30780692	2.24963762	1.50862808
1.00E-04	1.00E-04	0.22667115	0.37477521	0.45889659	1.00E-04	1.00E-04
3.53192737	3.49353341	3.38270283	3.5560999	3.58192534	3.79216049	3.28582851
1.95060817	2.32250263	2.11820831	2.29036157	2.0576097	2.55728984	2.84689071
2.31426914	2.98155027	3.01469123	3.09091884	2.87559426	3.07029449	3.32349795
1.87688517	2.40159064	2.68811717	2.67364769	2.23854531	2.58523256	2.87759649
4.18655394	4.42806732	4.23829365	4.14719885	4.73811456	4.49426095	4.35835455
2.7474971	2.13642575	2.48992584	2.57764079	2.38633887	2.3279746	2.61441997
0.60894826	1.12638624	1.01527201	1.08214596	1.198676	0.82354281	1.2627512
1.40410666	1.50753509	0.6310971	0.63173433	0.82857386	0.72957406	0.98076248
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.7326908
0.40866286	1.31690229	1.09069349	1.3024981	1.00E-04	1.50977721	1.00960548
3.49923096	4.15419321	3.8503787	3.84819655	3.75986919	4.313168	4.56650808
3.6312027	3.87128884	3.61211787	3.78235411	3.77246863	3.81337502	3.25391457
3.22164786	3.51823772	3.39011884	3.36404969	3.48926299	3.35423859	2.81313826
3.71329087	3.71676944	3.18862189	3.34247122	3.82887421	4.15762916	3.62379186
5.73281433	5.86190415	5.3845223	5.17348462	5.17249565	5.52215789	5.18296372

3.65045396	3.89176301	3.74269517	3.88186696	3.40001434	3.71640346	3.46817752
1.29222104	1.03054208	1.01483196	1.08906008	1.00E-04	1.00E-04	0.87870481
2.81565791	2.47195874	3.08174119	3.11150691	1.88372804	2.77852151	3.12548181
1.00E-04	1.00E-04	0.12309609	0.08276375	0.44157893	1.00E-04	0.07440699
4.90310686	4.8519987	4.47689065	4.57310366	4.83750073	4.3885863	4.52851453
4.31359793	4.57341385	4.1783497	4.09753356	3.22709072	3.48774459	3.69213137
1.87090011	2.07257462	2.17494093	2.00307507	1.00E-04	0.88469934	1.00E-04
4.75344574	4.92384399	4.88284678	4.74926895	4.57851769	4.92138602	4.79831434
2.24711942	2.2926194	2.30220537	2.28577979	2.91403569	3.46421973	3.25140747
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93461225	1.00E-04
2.73922849	3.02340715	2.77733612	2.94133297	2.31360171	2.47969308	2.77687663
2.57471426	2.78268179	3.34163462	3.55975707	2.08492148	2.40155826	3.294866
3.81825191	4.01513526	3.92573406	3.94887856	3.71292396	3.98335568	3.93691988
2.31409034	2.5363022	2.14825603	2.41865933	2.43700215	2.83544596	2.09376731
2.69890414	3.03778946	2.90925122	2.90543948	2.90785372	3.29512802	2.86217319
3.5882628	3.68409033	3.49166815	3.62675458	3.13259916	3.38388355	3.43191283
3.6907424	3.98314882	3.7678527	3.72774122	3.62066553	3.90220965	3.68555739
2.71916199	2.98674508	2.87250955	2.97361855	2.98601331	3.23343561	2.75328746
3.15644593	3.20560235	3.15735868	3.15071608	2.85414156	3.25756384	2.96461805
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43958412	1.00E-04
2.99995263	3.32816644	3.10567098	3.39592754	2.2535913	2.43529119	2.85575072
0.4636045	1.25085834	1.18144089	1.29679324	1.21816287	1.81219303	1.28019552
1.00E-04	0.25019766	1.00E-04	0.09771481	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07346906	0.09024945	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04101382	0.06531469	1.00E-04	0.14939575	0.17016891
0.98540623	0.16907838	0.42059863	0.29156132	1.00E-04	0.25244024	0.82021356
1.00E-04	1.00E-04	0.14316409	0.07144275	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06228911	0.0826399	1.00E-04	1.00E-04	1.00E-04
1.73575321	2.73873848	3.10031582	3.12751512	2.64256796	2.87052414	3.04501362
3.08557878	3.3071047	3.24698153	3.3774702	3.02468312	3.40245992	3.32925339
2.63168044	3.04843857	2.5943551	2.49854606	2.33030903	3.15499319	3.38788265
2.01477097	2.44040522	2.96660979	3.04093355	2.26525065	2.71148469	2.71459095
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.58125377	2.50925889	2.23661122	2.26546344	1.19477471	2.01484185	2.12146373
3.10048513	3.12975727	2.95728378	3.01675143	3.42610873	3.69527332	3.37528425
2.66639469	3.03643758	2.68505706	2.61988044	2.91449297	2.80521542	2.44477665
3.43578391	3.82138494	3.94485669	3.87853836	3.50347912	3.55838795	3.86480666
3.80244549	4.18057624	3.87709647	3.95532112	4.66314046	4.76225156	4.28771892
4.12933874	4.11519079	3.83227379	3.80918417	3.85108937	4.39266382	3.84805371
2.16910015	2.50687692	2.46455712	2.40442443	3.04649269	2.8134378	2.57358674
2.76568168	2.76331355	2.74049221	2.8417986	3.15138207	2.69262198	2.97040551
5.34688578	5.56130556	5.20180657	5.14870856	5.3786236	5.62574785	5.15078396
1.68198653	2.06671284	1.61966547	1.72691895	1.84172655	1.66601744	1.46011239

5.30164311	5.52379035	5.22076876	5.2716009	5.39803591	5.73334505	5.35078577
5.01494438	5.18419604	4.97320692	4.99757775	5.22361719	5.17945828	5.03869324
1.04390742	1.27298147	0.87024626	1.30685182	1.84435035	2.25955426	2.02200934
1.00E-04	0.38038427	0.10509451	0.27645715	1.00E-04	1.00E-04	0.30379708
0.73240913	0.34807786	0.54535676	0.66278114	1.54467669	0.0838544	0.33683942
1.00E-04	1.00E-04	0.19460197	0.07192082	1.00E-04	0.57972151	1.00E-04
1.13368342	1.39072468	1.06037389	1.11389215	1.30369071	1.08606355	0.25370611
0.85199919	0.87662249	0.45982891	0.6715045	1.00E-04	1.50718558	0.23721926
4.94910177	4.84984331	4.80303749	4.80861431	4.84488955	5.35260758	5.51621025
3.13859182	3.63423785	3.33622074	3.40328605	4.18966538	3.51157482	3.66788714
4.20119994	4.41157534	4.21661897	4.05069349	4.92869627	4.91914931	4.71694668
0.58104111	0.31493907	0.39187069	0.60329727	0.67391014	0.93355427	0.87484749
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11800543	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.75846914	3.95277289	3.60251433	3.34008528	5.46521853	5.56917762	5.37371416
4.09861064	4.12457146	4.41929919	4.50023172	3.59302441	4.0185695	4.13787273
1.73402735	2.30388028	2.14892612	2.15720438	1.12939437	1.15616055	1.81201694
1.86096029	2.0540166	1.86201099	1.57898684	1.35392474	1.16073912	2.27404485
0.18746747	1.00E-04	0.09880559	0.19658578	1.00E-04	1.00E-04	1.00E-04
0.58906198	1.11010058	0.75438896	0.4393057	1.73063132	0.35163059	1.66938163
2.50851313	3.17565177	3.08639867	3.04629034	2.82543315	2.78741138	2.88930985
2.59610791	2.47785147	2.51800215	2.6056818	2.59426461	2.78162883	3.03449376
3.20180089	3.53607331	3.79071198	3.88885048	2.25948775	2.85122557	3.26235835
2.87890637	3.88507874	4.02419825	3.89681455	2.69758378	4.06838264	4.594475
1.02695003	0.2620756	0.31515506	0.47173654	1.00E-04	0.47294151	1.00081074
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65298383
4.98814376	5.00742676	4.62632553	4.65154109	4.67821938	4.8378331	4.3396953
2.26308705	2.87308467	3.22698628	3.26775537	1.27761233	2.14354528	3.08906157
3.6658423	4.18601252	3.79012476	3.87688989	3.67628173	3.86777226	3.17575358
0.33951217	0.44313102	0.41900447	0.33257354	0.53515803	0.16898238	0.30631903
2.1451732	2.08839192	2.30470509	2.15066858	1.65920011	2.80284158	2.3781424
3.52737051	3.49914237	3.40330094	3.4293218	3.9712167	4.14151236	3.68267646
2.23390096	2.13758535	2.55292139	2.8130607	0.95454364	1.83232697	2.38069304
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.83208529	2.05900184	1.55901523	1.73944733	1.00E-04	1.06899727	1.51636464
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04743655	0.05598581	1.00E-04	1.00E-04	1.00E-04
0.80528987	1.05055182	0.8236888	1.00618749	0.90421956	0.9400757	0.57550315
1.00E-04	0.56092619	0.258329	0.21715623	0.89553159	0.71163352	0.4189923
1.00E-04	0.20375924	1.00E-04	0.26359202	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28739561	0.05519465	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37185815	1.26488311	0.95136537	0.91828365	1.00E-04	0.25927897	0.46435976
2.30656395	2.47589035	1.88925351	1.9823613	4.02202397	4.36238417	4.38693103

1.00E-04	1.00E-04	0.03953111	0.25605204	1.00E-04	0.21439207	0.76613373
1.00E-04	0.62070749	0.25262573	0.20757071	1.00E-04	0.88606411	1.54230197
1.00E-04	0.06764453	0.15009804	0.05585155	1.00E-04	0.71366904	1.00E-04
2.86304806	3.02011715	2.58932519	2.94547595	1.38810525	2.38627214	2.07557657
0.49073111	1.00E-04	0.23582096	0.42119669	1.00E-04	1.00E-04	0.67864872
1.31170462	1.35664434	1.52943134	1.1777371	1.44771701	1.68071377	1.81828095
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70828028	1.00E-04
3.15222816	3.65090277	3.82388198	3.77069395	0.70997801	1.54223133	1.47086687
1.00E-04	0.1819229	0.29986853	0.24561359	1.00E-04	1.00E-04	1.00E-04
3.63792613	3.43243781	3.76578852	3.98258175	3.94879043	3.88008704	3.9043414
0.16882953	0.21806502	0.18054172	0.04768541	0.69043823	1.18085464	1.00E-04
1.00E-04	0.53688394	1.00E-04	0.11706071	1.00E-04	1.00E-04	1.00E-04
2.94188095	3.52471123	3.95612239	3.94782656	2.88617598	3.46917939	3.66754626
2.32719488	2.73479315	2.63240403	2.74342759	3.03905848	2.77110187	2.46340198
1.00E-04	1.00E-04	1.00E-04	0.13474094	1.00E-04	1.00E-04	1.00E-04
4.40070865	4.10645069	4.60713313	4.77120156	5.11407618	5.21959475	5.3840805
0.16172608	0.11407072	0.22751731	0.32729261	1.00E-04	1.00E-04	0.65640915
0.54069117	1.79755432	1.10942019	0.99927856	1.67158658	1.93900951	1.77685836
1.12129959	1.91186793	1.57746444	1.52416541	1.63878484	1.47566187	1.28172081
2.32300977	2.05661421	2.51668942	3.47788576	1.24831478	1.75866977	3.06400413
1.00E-04	0.37822858	0.04651774	0.14059432	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11103781	1.00E-04	0.42606835	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16909838
2.67055624	2.86705467	3.152109	2.95801607	3.39560764	3.57777482	4.33288426
1.74043442	1.69057621	1.8507367	1.51699231	0.67410193	1.00E-04	0.08557164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22302936	0.08778276	0.49747511	1.00E-04	0.5286194	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49735946
0.47164263	1.00E-04	0.09031654	0.10418027	1.00E-04	0.39511459	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03010023	2.17256777	1.53709307	1.53053267	2.50040681	2.3673078	2.02476984
1.00E-04	0.8361807	0.79646726	0.60439449	0.35750248	0.42782863	0.65640915
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11295243	1.998438	2.20306078	2.32606449	1.00726627	0.70177264	0.95101422
3.40934154	3.84482524	3.91551634	3.85548547	2.42206487	3.77796575	3.96707311
3.74075463	3.86905851	3.38248562	3.40147827	3.66747646	3.64056204	2.79604468
0.71426923	1.49220118	1.28432344	1.18534641	1.00E-04	0.97035401	0.36317177
0.4704683	1.57045267	0.48057214	0.54173007	1.68640226	1.53732581	1.754376
1.00E-04	0.52005355	0.08830973	0.03979639	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71022862	0.84731473	0.65172116	1.00E-04	0.60384732	1.23349685
0.12498368	1.00E-04	0.2091674	0.09769816	1.00E-04	1.00E-04	0.21931269
0.49268336	0.46105859	0.58934708	0.07817868	1.00E-04	0.12583522	1.00E-04
1.00E-04	0.33296752	0.63995861	0.46588112	1.00E-04	1.00E-04	1.00E-04

4.47927464	4.55041452	4.06063901	3.96358445	4.57107072	4.62046621	4.14989994
3.54480589	3.68515661	3.26273344	3.26987756	3.40212434	3.61601149	3.25170911
1.02318351	1.38636823	1.39675322	1.48188045	1.2077732	1.16790327	2.23458719
0.29114248	1.00E-04	0.30853732	0.04667415	1.00E-04	1.00E-04	0.32130152
1.32839167	1.22390555	1.39284008	1.42161037	1.39387802	1.01271625	1.86746876
1.00E-04	0.25132065	0.1926391	0.04936124	0.61856275	1.03023103	1.00E-04
1.00E-04	1.00E-04	0.04252453	1.00E-04	0.24496797	0.78950828	0.17016891
1.00E-04	1.00E-04	1.00E-04	0.04214234	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15108765	0.03257551	0.09575032	1.00E-04	1.00E-04	1.00E-04
0.95853231	0.50159319	0.50030056	0.17437226	1.00E-04	0.60283161	0.38628861
5.78569181	5.83759235	5.61122684	5.49205372	5.31052711	5.72483417	5.43962188
2.67704911	3.02261958	3.1795884	3.25690643	2.43613222	2.57483533	2.87577826
3.05358908	3.68529145	3.67445155	3.83971871	2.78012205	3.12923923	3.78546964
1.42625828	1.15898658	1.14582808	1.65238326	2.56277458	2.40031072	1.9148424
1.85468633	2.40842867	2.43333208	2.38690081	1.35465294	2.28877854	2.13475114
3.09786256	3.85140673	4.61486648	4.70870209	3.28084546	3.58277596	4.81473214
1.00E-04	1.00E-04	1.00E-04	0.19298502	1.00E-04	1.00E-04	0.49799947
1.13467688	2.00238667	1.26873118	0.89097393	1.19681719	0.70722451	0.62033782
2.17276111	2.77739332	3.82948037	3.52948554	2.47484785	2.83428781	4.93297887
1.25806816	1.61315088	1.49712094	1.77980192	1.08843419	0.74602792	0.89128016
1.00E-04	1.00E-04	0.02584646	0.14599934	1.00E-04	1.00E-04	1.00E-04
4.77508033	5.12169634	6.02438948	6.02442714	4.33809279	4.60887458	5.94533298
1.00E-04	1.00E-04	1.00E-04	0.03436987	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27975138	0.24166657	1.53294781	2.10397046	1.577319
1.00E-04	0.43193925	0.2561866	0.18301608	1.00E-04	1.00E-04	1.0114863
3.9967347	4.1474796	4.17900451	4.27194128	2.84772213	3.21390986	2.83525641
5.31995509	5.45930559	5.03663658	4.83531088	6.12546741	5.49512216	5.03353945
1.17047905	0.78285643	0.70844822	1.15225141	1.00E-04	0.6741763	0.37439615
1.3166732	1.12155774	0.83250991	0.9021147	1.84344127	1.0653757	0.52679896
3.10674997	2.9364803	2.7072056	2.75654737	1.38778703	1.83699605	1.81892589
4.14299163	4.52706145	4.30577298	4.21054622	4.79880228	4.91365028	4.32209166
3.76450947	3.54520867	3.44895671	3.44985354	4.40746814	4.79234906	4.19965199
5.84998106	6.02443376	5.47255125	5.41308363	1.00E-04	1.87874555	2.19561193
1.74703756	1.6634633	1.75537125	2.09727314	3.63790693	3.12758799	3.11065547
0.80776803	0.04336477	0.08203527	0.41737335	1.21585515	1.22004157	0.09760498
0.37407927	1.00E-04	0.02350877	0.19626515	0.24496797	0.75787665	1.28088576
5.23207007	5.40762716	5.2625622	5.18093725	6.26116938	6.54181264	6.2966628
0.34702899	0.35942881	0.50428963	0.3432636	1.00E-04	1.39721576	1.46403204
0.94472595	1.13195922	0.19131474	0.40063624	0.34492066	1.00E-04	0.17349997
2.63610988	2.9438425	3.31961362	3.22848371	2.5938056	2.84001187	3.21024577
1.00E-04	0.28921298	0.52832569	0.37095161	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.42393896	0.11109209	0.06379393	1.00E-04	0.18597055	1.00E-04

2.44998243	1.81444151	1.75437475	1.210171	3.6020661	4.12162986	3.90098611
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1.00E-04	1.00E-04	0.14852485	0.2655433	0.61235854	1.00E-04	0.23648577
2.28554167	2.65464825	2.79113852	2.95308846	3.12460056	3.37278463	3.32141244
1.00E-04	0.18458178	0.19478526	0.10295557	2.98132874	3.36058825	2.51182711
1.00E-04	1.00E-04	1.00E-04	0.05912436	1.00E-04	0.25244024	1.00E-04
1.53885807	0.9004468	0.21792246	0.69294495	1.44880894	0.98171165	1.00E-04
0.4464704	0.51703028	0.08255082	0.06323102	1.00E-04	1.00E-04	1.00E-04
0.92198026	0.93102505	0.78022269	0.89916879	0.6627562	0.57467908	0.20964658
2.35075865	1.45323566	1.05378503	0.81173461	2.01964471	1.33264142	2.51223112
0.52056667	0.07722892	0.19064724	0.26359314	1.00E-04	0.18597055	1.00E-04
1.00817242	0.873007	0.72300654	0.7898934	0.60156552	1.00E-04	0.86305391
0.67630738	0.25757593	0.15782796	0.33766482	0.24496797	0.27423953	1.00E-04
1.00E-04	0.25044634	0.0482016	0.04307757	1.00E-04	1.00E-04	1.00E-04
0.82019008	0.34563525	0.29958429	0.27908257	0.39382455	0.32800835	0.220236
3.0556389	2.67210423	2.37154073	2.91973103	1.18161338	2.00382019	1.11488277
1.04149693	1.59543264	1.17542123	1.22936616	0.87446197	0.32239483	0.92819446
1.00E-04	1.00E-04	0.10473133	1.00E-04	1.00E-04	0.14939575	0.54590936
1.00E-04	0.22253746	0.12218589	0.26598509	1.00E-04	1.10152186	1.20684755
0.59076502	0.7313289	0.99804378	0.9213292	0.42197018	0.46701995	1.00E-04
1.00E-04	0.53163206	0.35306955	0.3245088	1.36373365	0.53813357	0.74523043
0.81500704	1.45471482	1.22375397	1.08852089	1.56553795	0.19340846	1.35689879
0.88184134	1.39881664	1.8584434	1.90420209	1.00E-04	0.80861324	1.84673239
1.20666642	1.24385702	1.30870721	1.37936105	2.00345344	0.86547473	1.32636725
0.52872144	0.4864405	0.74662136	0.52304544	1.36373365	1.7103105	0.7894875
3.87495327	3.85817531	3.67281305	3.74286979	3.93410635	4.20450008	3.955919
1.00E-04	0.05700051	0.09097883	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.01551176	4.01544418	4.28554752	4.40176025	3.95357193	4.08739835	4.12624324
3.23389332	3.31860475	3.0174261	3.00693377	4.98369749	5.56096764	4.93717023
3.37500334	3.2177433	3.37075122	3.3986483	4.39348512	4.47128518	4.76458853
4.8565693	4.76940648	4.41607898	4.58882501	4.92933634	5.03799696	4.49442352
3.15036811	3.46596202	3.49719698	3.86583886	3.23734154	3.53283698	3.84744218
1.27356169	1.63076579	0.88095417	1.15164011	0.43090184	1.77403048	0.78054111
0.40171885	0.14285049	0.17243005	0.25366174	1.00E-04	0.4589632	1.0639951
0.44337986	1.00E-04	0.10573246	0.06430771	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19777081	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66114403	0.56296457	0.72593525	1.09879123	1.00E-04	0.84216814	0.35548435
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55923559	0.41292432	0.46759055	0.36122308	1.00E-04	1.00E-04	1.00E-04
0.54478256	0.25496797	0.19572058	0.46693608	1.22765084	0.65173525	0.4749709
3.4335154	3.93891359	4.22152367	4.19785919	4.11680234	4.61212815	5.2059027
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.09434088	3.43904745	3.54184277	3.70512984	3.25703544	3.36576011	3.93885288
1.60403477	2.22421183	2.15746606	2.37033	0.4683059	1.07473216	1.17990441
1.00E-04	1.00E-04	0.12719598	0.05948932	0.61856275	0.40752836	1.00E-04
2.77376232	3.19855443	3.16703738	3.0910941	2.29796525	3.24676845	3.1805043
0.59769269	0.75947442	0.62148077	1.19149312	0.42938666	0.74088224	0.21094818
1.32666949	1.92773489	2.16985865	1.8872442	0.84319625	1.77565661	1.93065078
1.00E-04	1.00E-04	1.00E-04	0.05845657	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.030949	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.69966779	3.43423855	3.40344261	3.2620568	5.07758262	4.87212552	5.05309599
1.00E-04	1.00E-04	0.09302923	0.2326758	1.00E-04	0.55654531	1.00E-04
0.68124549	1.10938276	0.7521711	0.78051227	1.23616374	1.48483192	0.96088591
1.00E-04	0.30761309	0.29676888	0.03875899	1.00E-04	1.00E-04	0.11808513
2.84883867	3.24397206	3.88091358	3.86598235	2.56278152	2.80579843	3.37453247
0.52174099	0.42760651	0.51180801	0.42867341	1.01493203	0.67384238	0.60082455
4.05165313	4.08244151	3.92321928	3.82593106	3.77812841	4.46752812	4.12176662
0.4547528	0.23921457	0.25981866	0.18328326	1.00E-04	0.38800446	1.00E-04
1.2552675	1.91954522	0.98126739	0.82999692	3.64191096	1.7079664	2.13845546
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.40281028	2.8316411	3.25023254	3.19868021	2.22301911	2.78147984	3.16202842
5.7039708	5.89119611	5.50024574	5.32283002	6.02268944	6.07280006	5.56517431
2.04552421	2.99518614	2.81385049	2.98338853	1.75922363	3.07277811	3.06696523
3.00600039	3.49187358	3.4585812	3.45143849	3.98115754	3.75866771	4.24372636
4.45258661	4.88433984	4.76663196	4.74341927	4.5567252	4.54734837	4.84817721
1.35068257	2.07633756	1.97022013	2.1627994	3.49081664	3.69414512	3.33687662
1.38962639	1.74224868	1.91602192	1.68538065	2.25699845	2.28087603	2.17068792
1.00E-04	0.97963742	0.65374965	0.41104731	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3571917	0.09283281	0.15257403	1.00E-04	0.88714524	0.35106062
1.24920541	2.59845516	2.47382928	2.42321872	0.93145379	2.7862636	2.37749368
1.07718066	0.99867258	1.23840777	1.61109057	1.80058946	1.56853322	0.98910812
2.2787686	1.79973132	1.50353571	1.73960675	3.01998801	2.90269242	2.19724406
3.10783894	3.23621362	3.97249866	4.0462212	2.99536508	3.15115181	4.0410581
1.00E-04	1.00E-04	0.1213004	0.05371548	1.00E-04	1.00E-04	1.00E-04
0.33971235	0.40437731	0.31073547	0.6846315	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.65249598	0.52085993	1.00E-04	1.00E-04	1.00E-04
1.41846628	1.66852098	2.08398668	2.18775876	2.02652071	1.98299047	2.73568034
1.59133374	1.7255315	2.39681342	2.36348464	1.25544786	1.13443052	2.58190347
0.67114947	0.91461553	2.01817628	1.51509024	1.00E-04	0.51695819	2.93637024
1.53564244	1.01389586	1.18654034	1.52790712	1.05295825	2.03262742	1.11430789
4.22096964	5.00832735	5.7507275	5.72367641	3.77216809	4.70703024	5.9675172
0.29900888	0.55444124	0.97191508	0.78505652	1.00E-04	0.43385867	0.60800561
1.34208162	1.31382452	1.7868508	1.70307728	1.71643918	1.73911585	1.76829354
0.59062518	1.50447492	2.03184334	1.97048915	1.93911479	1.77118438	2.6447864
1.00E-04	1.00E-04	0.05519465	0.03135512	1.00E-04	0.2210583	0.74710024

5.89129418	6.04328915	5.61036072	5.48941338	5.35462722	5.58916306	5.04022024
3.5182984	3.81847175	3.49164983	3.63897107	3.29034555	3.668634	3.20031687
0.52237655	0.28089804	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.79146375	3.32897759	3.91420139	4.11986617	3.12118013	3.43728345	4.128683
4.20719042	4.25649117	4.4926131	4.46533462	4.74889153	4.97358732	4.84707081
2.31032865	2.65122163	2.59349516	2.73275273	2.59108391	2.59419225	2.5874648
3.82371606	4.07458859	3.88584523	3.98788255	4.5028493	4.19640832	3.89052338
2.70705516	3.27846926	3.23561346	3.19205009	3.16243034	3.2604414	3.42383148
4.45913699	4.55062983	4.29795939	4.28958134	4.26118611	4.7387268	4.27109863
3.62102713	3.81737525	3.64315252	3.67014526	4.2942403	4.30564185	3.85020994
3.05083428	3.2576572	3.06890703	3.23401479	3.18791212	3.2814078	2.85368417
2.74304497	2.69870338	2.71061037	2.86046107	3.03828575	2.75138689	2.87671295
1.81973975	2.00116974	2.3657747	2.39433452	2.10585346	1.90727033	2.31406634
3.01555796	3.54294089	4.40369477	4.56749919	2.92239807	3.67628692	4.50550849
5.10176216	5.23971354	5.04608316	4.99461972	5.61225378	5.91346658	5.63622871
0.6679286	0.2895459	0.79486386	0.74595198	1.95295423	2.01806191	0.91537981
0.25550183	0.22151153	0.88342248	0.94396244	1.39830424	0.90229688	1.32787494
3.47923715	3.59999078	4.08813756	4.21498822	3.24720545	3.37052336	4.3278412
3.85074157	4.06974824	3.6411415	3.52049128	3.95503677	3.94911266	3.27097294
3.45724248	3.74865323	3.36399755	3.57315026	3.74248394	3.75180999	3.54041916
3.63108797	3.77696364	3.38605029	3.43050975	3.42400908	3.78056728	3.19156852
2.67353248	3.05935733	2.76334777	2.73615302	2.863927	3.14607351	2.73574768
2.26169457	2.03405974	2.05061479	1.97256856	1.85655156	1.9419911	1.61955298
3.01736636	3.76311978	4.17534985	4.37412805	2.83068176	3.17654155	4.00778843
3.21688649	3.42776511	3.17061879	3.01252872	3.69208763	3.65163624	3.20747587
3.38114559	3.58851737	3.60735104	3.60450297	3.79709856	3.98207614	3.85008763
2.83158816	2.39401318	2.36503458	2.35673982	1.79401793	2.58587915	2.17793987
0.51922095	0.81108876	0.82372868	0.88666709	0.61856275	0.21699698	0.71296802
3.87955342	4.21731054	3.74094208	3.7421555	3.49862022	3.44541432	3.69796133
2.64756013	2.50552203	2.53945611	2.47120575	2.95001781	1.90288145	2.63422587
2.51723899	2.84547027	2.99731482	3.05435996	2.96609619	3.39875191	3.32956903
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2804154	2.07403114	1.44262651	1.22766427	1.30695208	2.09358465	1.58074073
1.00E-04	0.19183768	0.29307153	0.33278985	1.00E-04	1.00E-04	0.07440699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0441086	1.54271003	1.22639772	1.203992	0.69094647	1.73341064	0.88599632
1.00E-04	1.00E-04	0.04954218	0.34874129	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25330653	2.11428975	2.48137383	2.46500183	1.81594846	2.46649374	2.58162775
0.49906262	0.21135235	0.34600239	0.45057479	3.11651476	2.28336971	2.36330947
0.94683244	1.54796546	0.80048416	0.34262937	0.72488459	1.14389295	1.00E-04
0.31246706	0.27726165	0.51693082	0.44135923	1.81153187	1.18412384	0.91083168
1.00E-04	1.00E-04	0.13880743	0.09461882	0.91382631	0.70315498	0.69463829

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12130432	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40752836	1.00E-04
3.09171124	3.11262114	2.71424296	2.91153843	3.51929909	3.35501728	2.72255253
3.03616243	3.17856925	4.0313462	4.03968749	2.14749841	3.06174117	3.72115938
1.00166638	0.22921129	0.18321148	0.25422615	3.17574337	3.2654939	3.48735974
2.92633166	2.83583398	3.08276469	2.98658564	3.98875776	3.8513919	3.82036676
1.82958022	1.28623335	1.19161236	1.54207707	1.60435202	2.22630876	1.22818006
4.19672923	4.42887427	3.96049664	3.98081401	4.44752919	4.54269891	4.34661525
0.27089922	1.00E-04	1.00E-04	0.21140802	1.00E-04	0.62689732	1.00E-04
2.35184624	2.32054562	2.73518154	2.73669828	2.24509376	2.8220054	2.69690298
0.38339391	0.33240611	0.43439923	0.18409544	0.48060496	0.40452565	0.91071063
1.00E-04	1.00E-04	0.10238037	1.00E-04	1.00E-04	1.00E-04	0.31671355
4.37063232	4.42076549	5.00656959	5.05361537	3.44865624	4.0379706	4.5967314
1.87493563	2.28363323	1.92726013	2.08243067	3.11978282	2.10814257	2.82819117
1.00E-04	1.00E-04	0.03709442	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.82422064	3.20685595	2.88211343	2.77744888	3.22958645	3.66993025	3.48931839
1.98317376	3.90784359	5.58596919	4.09453932	1.00E-04	0.27261609	1.03168008
4.57488313	5.8412073	6.81897447	5.9978648	4.8423246	5.59555958	6.3799884
2.14136752	3.57694577	4.49367692	3.84760985	0.48823099	0.58037016	1.04119735
3.01219385	3.27524908	4.76887353	4.97697432	1.00E-04	0.53967595	1.84250133
2.88949196	3.20139734	4.255923	4.32675154	1.00E-04	0.89261464	0.80218977
1.00E-04	1.00E-04	0.06211647	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.30665156	4.23031984	4.47008601	4.6156389	2.86112843	3.10218173	3.82129207
3.2136574	3.65332442	4.34216769	4.31837152	3.29460745	3.80234093	4.76821278
1.95385165	2.35507482	2.91717975	2.86137147	2.01491234	2.44220161	2.49447302
4.42463635	4.60405622	4.48206739	4.53169347	5.13061894	4.93233931	4.75105264
1.00E-04	0.06105857	0.13370274	0.13713337	1.00E-04	1.00E-04	1.00E-04
4.17765723	4.78851612	5.58305899	5.76220334	3.07960509	3.97294601	5.0811147
2.45397652	2.46283193	2.22918143	2.40920577	2.31431132	2.60705609	2.44981922
2.8273587	2.96849573	3.1670672	3.13870182	3.15436716	3.32679381	3.31187132
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.47028195	3.5265019	3.54116122	3.55434692	3.17061772	2.46208157	2.46202439
1.13645488	1.6608876	1.91643101	1.75973114	1.00E-04	1.78275203	3.03116059
3.92111111	3.97430935	3.74615546	3.72411161	3.42684245	3.54723908	3.89539553
3.44022842	4.0211759	4.03865659	3.99159152	3.05907812	3.76523174	3.68060148
3.28377017	3.25015346	3.5586198	3.50856836	1.70998742	2.68109915	3.1802046
4.21459092	4.47806488	4.05960439	3.85089115	4.16761559	4.18993711	3.91712735
3.36432263	3.44105206	3.29506799	3.22592809	3.42137522	3.736466	3.66283608
3.41800165	3.37804718	3.35363564	3.51082809	3.02013793	3.14844772	3.19176475
3.95611857	4.13576797	4.09688669	4.26881008	3.77685598	3.78539887	4.11945413
3.61675064	3.92902792	4.21350246	4.32617169	3.62540041	3.6990209	3.93712163
3.26207568	3.64996587	3.91278512	4.0009824	2.77263845	3.50408274	3.60442051
1.04029309	1.39355563	2.0840263	2.39943629	1.5006029	0.88530885	2.80431916

1.03459028	1.19841593	0.6840417	0.94621657	1.00E-04	0.89749487	2.00024702
1.00E-04	0.42306034	0.18762446	0.09927602	1.00E-04	1.00E-04	1.00E-04
0.23904013	0.51363508	0.53223431	0.17055796	1.00E-04	0.55360685	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35750248	0.22939333	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80934921	1.32470983	1.16897005	1.0999721	1.66763313	1.81876082	1.20968304
1.00E-04	1.00E-04	0.05050023	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80664803	1.77613981	1.69982255	1.83437331	0.45086753	2.31673627	1.79466587
2.68778517	3.02969699	3.16073045	3.17137552	3.1214833	2.80544155	2.93772427
2.57234693	2.90742742	3.11685161	3.22501317	2.23422438	3.06381218	3.03514726
0.14265331	1.00E-04	0.36603172	0.11499464	1.00E-04	0.0838544	0.39729317
1.00E-04	1.00E-04	1.00E-04	0.03580504	1.00E-04	1.00E-04	0.09464396
1.87119954	2.21886907	1.81585127	1.5309731	2.10792066	3.14528575	1.69970946
1.08878953	0.62507279	0.38106019	0.77267223	1.00E-04	0.67575748	0.55751678
3.48766261	3.77399288	3.71504584	3.82287278	3.34120503	3.81063969	3.94061625
3.00996661	3.0876435	3.0517742	3.18392864	3.27742749	3.16329926	3.13405627
2.68804756	3.00270438	3.12440086	3.05604615	2.33582197	2.72245691	3.1192494
2.96520808	2.6107567	3.03271508	3.0494472	1.75656568	1.98466069	2.52598302
1.97044605	2.18724599	2.55688943	2.54672155	1.98112756	2.02650141	2.95558529
2.58922082	2.71456805	2.51835538	2.49357673	2.58435892	2.5223273	2.14552364
3.65162605	3.85347987	3.57201352	3.64987113	3.69103354	3.67234376	3.794665
2.24958386	1.88061057	2.27763537	2.28301268	1.93020179	2.30108722	2.68425211
2.59233868	2.35948056	2.31822376	2.43513301	2.45618889	2.8314481	2.49920436
1.00E-04	0.12182954	1.00E-04	0.05382928	1.00E-04	1.00E-04	1.00E-04
2.0155864	2.1797604	1.9489696	0.9226304	2.41759735	2.58168862	1.94124899
2.79170215	3.3311207	3.80725086	3.98018146	2.77586099	3.34890437	3.83931109
1.26788505	0.34659324	0.71440248	2.13756026	1.00E-04	1.00E-04	1.82267809
2.19392249	0.71629939	1.43844639	3.03486273	2.59520845	1.00E-04	2.48328527
5.37845451	0.72309267	1.70062036	5.14818842	5.55117765	1.12250306	5.4557952
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70876971	2.00913326	2.33117661	1.95997229	1.07809238	1.99755311	3.17255342
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03275492	1.00E-04	1.00E-04	1.00E-04
4.26780089	4.49141029	4.40496905	4.31634898	4.36193818	4.62444088	4.40824079
0.99109019	0.71728576	1.14176516	1.41752402	0.61280452	1.00E-04	0.87946947
4.93460411	5.15594868	4.82435696	4.76848171	4.7279634	5.04566416	4.86989443
1.00E-04	1.00E-04	0.15511296	0.1998995	1.00E-04	0.25244024	0.44943908
3.22961719	3.23544748	2.98037896	3.19678407	2.95334659	3.05032104	3.25715935
1.77772672	1.8306605	2.60250303	2.54240226	1.13793556	2.21290139	2.06241345
3.71616889	3.79807445	3.63803989	3.60394159	2.68034527	2.94224611	3.10384887
1.66439596	1.99466996	1.74393661	1.72255443	3.99077123	4.63317733	4.4843625
4.50826155	4.81707888	4.89610577	4.97874477	4.62259265	4.80243985	4.59182927

0.84152178	0.59025609	0.29028347	0.45082462	1.00E-04	1.81325155	1.03705374
0.94389076	0.75769538	0.66515408	0.8220266	0.61280452	1.47391341	1.54574787
1.00E-04	0.27563961	0.60195818	0.64202145	0.95761176	0.22074923	1.0861377
1.00E-04	1.00E-04	1.00E-04	0.20547628	0.54370492	1.00E-04	1.00E-04
1.00E-04	0.18777239	0.0619866	1.00E-04	1.00E-04	0.40179705	0.4509066
1.15737191	0.54235701	0.36671931	0.47618233	1.00E-04	0.92444915	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.8933842	4.39385025	5.6210237	5.68087669	3.32049036	3.45467857	4.70135575
4.01145154	4.0831182	4.45353558	4.42196264	3.95044375	3.992547	4.19195846
2.83750742	2.8938991	3.05954981	3.24792846	2.47100396	3.06943748	2.50997326
1.04426575	1.0556611	1.0258669	1.11908321	0.67168427	0.56470478	0.6938902
3.26476221	3.48566669	3.66817051	3.64796474	3.44786421	3.57012347	3.80478648
3.50469052	3.52305274	3.38671539	3.39428047	3.73935678	3.83943135	3.88111556
4.74901222	4.68285869	4.24353376	4.11534659	4.26415115	4.11582201	3.47885712
3.31116824	3.74199487	3.30902531	3.1941042	3.67599438	3.33052991	3.57382075
2.21628277	2.24857634	1.8423204	2.12820007	2.09219443	2.36167672	1.68277531
3.56999149	3.82040955	3.58442211	3.79607989	3.28663593	3.59493718	3.15985126
4.5545637	4.69547001	4.38340925	4.20262322	5.02546211	5.12439277	5.1372191
4.57227689	4.02064102	2.79670799	3.62263376	6.74557086	6.6547872	6.10435381
0.96842919	0.53377346	0.57726128	0.49912241	1.00E-04	0.39375956	1.00E-04
2.56529058	2.8993938	3.5658415	3.74675571	2.45802027	2.68160015	3.66724812
1.04768657	1.79704482	2.46798047	2.4309464	1.58492542	1.79410859	2.04754844
3.12986719	3.18894276	3.727093	3.611216	3.00505899	3.28695243	3.47631816
2.828041	2.65694526	2.96698956	2.92996086	2.49648697	2.65141434	2.50183833
1.38994986	1.72654257	1.42782927	1.2227821	2.34139206	3.07273296	3.11025132
2.02062995	2.4003299	2.50616715	2.59950427	3.11953712	3.14747912	2.8958294
1.07270686	1.23853524	1.05895802	1.39523903	1.00E-04	0.94946246	1.02033474
1.7102728	1.59593279	1.5903839	1.82169303	2.24752804	2.51803708	2.67532908
4.79904976	4.87708389	4.75618311	4.66451497	4.19844904	4.28490931	4.38966852
0.3276738	0.56922254	0.20133067	0.67219885	1.27538678	1.10899958	0.5456518
3.92961717	3.94583758	3.58654219	3.77220306	4.09283958	4.06106888	3.71917823
3.49696778	3.59977683	3.32594799	3.49133891	3.71724033	3.49190506	3.31800132
1.09651972	1.7672261	1.68450685	1.93681491	1.52787224	0.88170479	1.12647248
4.09530918	4.02722345	3.73786165	3.65061704	4.04109832	4.36330442	3.9622688
4.33109448	4.61335578	3.96829343	4.13207941	3.93091795	4.37487766	4.14213736
3.06419973	3.31737252	3.26771905	3.34090579	3.72776276	3.54672311	3.33865224
2.04191424	2.26514276	1.71864765	1.49702241	0.94568794	1.55236664	2.05578163
1.89784002	1.91093894	2.26920382	2.10040031	0.43090184	1.40957845	2.87842516
3.05414165	3.28680052	3.79339455	3.90676696	2.35604781	2.1387552	3.80270768
4.72558354	4.78425069	4.63018411	4.51418595	4.12377487	3.97729703	3.84866795
5.12891872	5.26247718	4.86277978	4.82008657	5.11418008	5.33981602	4.94041111
1.74236069	1.97985692	1.59682638	2.04556454	2.14703219	1.61993119	0.25275834
2.0128615	2.15193799	2.17416071	2.11052397	2.88703301	2.01161416	1.7378158

5.08213384	5.24411218	4.82840677	4.68264203	5.50456245	5.54423628	5.14243223
0.92271244	1.05040715	1.72689325	1.67692707	0.38530742	1.30025019	1.17730735
2.30373047	2.61511922	2.60743224	2.86572166	2.51085574	3.7224661	3.29006499
4.51198329	4.87327096	4.2944741	4.06622028	3.99747877	3.66588737	2.73412156
3.28228411	3.5319172	3.17751067	3.1585267	2.88423112	3.29527081	2.58253522
3.55364589	3.63623879	3.41111497	3.48909813	3.28586422	3.64937632	3.13049038
4.09281411	4.17516995	3.82084774	3.77192489	4.18436417	4.28348354	4.09143047
5.53177666	5.69793578	5.27656215	5.17889625	5.06688484	5.28690842	4.86768538
3.23055433	4.13216996	3.19833763	3.26204516	2.768419	3.98202211	3.20907342
1.00E-04	1.00E-04	0.05794132	0.0879482	1.00E-04	1.00E-04	1.00E-04
2.93584051	3.25366846	3.53612814	4.23204729	1.81210524	2.19115471	1.5842125
1.00E-04	1.00E-04	0.48434803	0.1501633	1.00E-04	0.60556515	0.75839099
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70350508	0.62464365	0.62101146	0.54600394	0.52474525	1.00E-04	0.68721249
1.00E-04	0.38168966	1.00E-04	0.08906976	1.00E-04	0.22143361	1.00E-04
0.62305382	0.22656547	0.22858921	0.7172843	1.75549458	0.89702203	0.66063937
6.19450796	6.19840551	5.88616114	5.78838349	5.30276705	5.2596407	4.71032781
5.18115327	5.24301201	4.89666138	4.9283257	4.8268845	5.2650122	5.01073304
5.62905162	5.64470939	5.3452865	5.47742598	5.4838589	5.71911948	5.29572174
2.42127012	4.00001368	2.36121793	2.19907234	3.85387823	5.08484888	3.32335465
4.66752918	5.88362481	4.01259947	3.97389519	4.04432073	5.84891506	3.88662582
3.90378506	4.34600811	4.319184	4.36997004	4.75837158	4.61324106	5.06975898
4.04303395	4.39023602	4.06774577	4.34324102	3.51482446	4.14771332	3.92018956
1.00E-04	1.04571398	0.31164237	0.6371853	0.63583153	1.11895431	1.5723702
1.00E-04	0.04336477	1.00E-04	1.00E-04	1.00E-04	0.43958412	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.10640763	0.04141798	0.06795099	1.00E-04	1.59682286	0.39482083
0.2977978	0.19932601	0.72861324	0.88240907	1.66102	1.26395561	2.33691562
0.82876171	0.07961512	0.3884479	0.22837335	0.72488459	0.51125213	0.09760498
1.00E-04	0.19330626	0.02205375	0.12731659	0.45889659	0.39808242	1.00E-04
3.61149388	3.91515437	3.8198293	3.80920604	4.91861297	4.834887	4.60001141
3.59370432	4.22190586	4.37721524	4.18974428	3.65342666	4.34411758	4.87806535
3.5935702	3.81853574	3.42796922	3.49073947	3.40562142	3.75854602	3.65776073
3.37287745	3.55182565	3.67878644	3.27614157	3.18762343	3.02046376	3.37066074
1.31507839	1.02098279	1.26213515	0.8894312	1.54298879	1.80239846	2.45320487
1.00E-04	1.00E-04	0.10640635	0.11588041	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25950361	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27261609	1.00E-04
0.18746747	0.54419709	0.76833366	0.88005116	0.58919868	0.14939575	0.78933252
1.00E-04	0.36580855	0.26737493	0.10028229	1.35828198	1.00E-04	1.64507221
1.61775365	2.06443683	1.30812848	1.67077847	2.0111468	2.20349253	1.07380337
1.00E-04	0.18310392	0.22889033	0.17616673	0.24496797	0.22057069	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.14415406	1.13300188	1.50476286	1.53692228	1.21601601	1.71955221	0.86468977
2.86241017	2.99213055	3.11183309	3.10001704	2.27071523	3.22034665	3.01083401
4.20480656	4.26129466	3.96320912	4.15664064	3.09487599	3.63592864	3.45378707
2.92183086	2.88258518	2.1884121	2.4762687	1.99275554	1.94775949	1.65303188
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88825577	1.47944772	1.3597981	1.32931293	3.76459413	3.88786123	4.32751932
1.00E-04	0.12857547	0.10105463	1.00E-04	1.00E-04	0.70892498	0.27408507
0.22883831	1.00E-04	0.29254644	0.10287972	2.48322038	2.20664953	1.70174202
0.24363413	0.69670871	0.68077267	0.78894464	0.65910354	0.54057542	1.35785633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45116524	1.00E-04	1.00E-04	0.11031588	1.00E-04	1.00E-04	1.00E-04
0.34583049	1.00E-04	1.00E-04	0.12322606	1.00E-04	1.00E-04	1.00E-04
3.51388446	3.94418461	3.6985369	3.50829929	3.55038672	4.05581511	3.76409908
4.19758169	4.19242893	3.84213063	3.88110492	4.14524023	4.17108547	4.01045649
0.79293455	0.51970151	1.14591436	1.01638075	1.46591241	1.18993581	0.44445579
2.69201201	3.00602007	2.44293666	2.36148077	2.72517812	3.07270494	2.50654749
0.26546862	0.59857378	0.4084724	0.63421253	1.3219065	0.42442279	0.8851349
4.82676795	5.33285932	4.77797536	4.37718172	5.3429114	5.41169271	5.11953301
3.10082759	3.3286408	3.1234779	3.1008629	2.63859424	3.03390235	3.05103363
1.00E-04	1.00E-04	0.04588295	0.06911051	1.00E-04	1.00E-04	1.00E-04
1.5733467	2.26924562	2.69423191	2.86338724	2.57850666	1.88923498	2.66189512
0.97513378	1.94728742	1.67344338	1.92287592	1.69342752	0.79147951	1.68817325
0.47477996	0.06639836	0.54071916	0.56256072	1.00E-04	0.36366664	1.00E-04
2.61856403	3.16791622	4.10866316	4.16481837	2.17656183	2.90859445	3.88165742
3.33487564	3.61553672	4.16522857	4.17514075	2.64319718	3.12326228	3.94002713
1.00E-04	0.88342899	0.8125023	1.13556718	0.40674922	0.36024664	0.63887053
2.27695942	2.10253712	2.38618508	2.59523847	2.02464344	2.86946225	2.43300187
4.84677159	5.17603608	6.1235818	6.30966274	4.14830432	4.48798244	5.87585238
2.13590856	2.97804147	3.75949703	3.84497457	2.05304162	2.43607319	3.68813807
2.42769127	2.01903972	2.10862956	2.12327151	2.32414532	2.41252441	2.18630213
4.66351726	4.70468238	4.59322541	4.38714838	6.57074545	5.63400427	5.53113295
3.36044538	3.68961969	3.3416834	3.19271634	4.49564449	4.58455927	4.3767838
4.42502389	4.46110667	4.11225382	4.11548282	3.69420626	3.86365158	3.66427917
4.64187231	4.69697217	4.29955946	4.29581035	5.05781409	5.02713814	5.26776894
4.93957893	5.0428241	4.5442833	4.74006295	5.02050918	5.03721103	4.74087187
0.43011177	0.66850668	1.04330462	0.87379224	1.00E-04	1.00E-04	1.00E-04
4.1939035	4.68308244	3.98630877	3.83573915	4.41971652	4.88306169	3.98255946
1.94209958	2.35771271	2.25871467	2.4059729	1.7278266	1.87789308	2.25690023
0.35935729	1.02278673	0.88542902	0.35382448	1.00E-04	1.00E-04	0.65245196
2.00926984	0.97189856	1.38052382	1.20012643	2.37006283	1.23107496	2.3391952
3.75025144	4.19832576	4.68704017	4.38231952	4.39173844	3.39907123	4.74352103
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.0232504	4.16680649	4.28364727	3.84940866	5.54931922	4.75507762	5.30049486

1.28926903	0.77468466	1.62123082	0.76369645	2.54845878	2.12517195	2.69370592
1.00E-04	0.61172055	0.94026107	0.59170076	0.35750248	0.27093829	0.49878564
0.12595009	1.00E-04	0.38570324	0.11777954	1.00E-04	0.3924612	0.13723188
1.00E-04	1.00E-04	0.12657702	1.00E-04	1.00E-04	0.27580628	0.46808005
1.00E-04	1.00E-04	1.00E-04	0.05218113	1.00E-04	1.00E-04	1.00E-04
0.74716206	0.76541875	1.61382112	1.28824877	1.70896806	1.75354573	2.49428136
1.53376561	1.6641451	1.88433776	1.38405121	2.83069264	2.26967323	3.13107411
2.0627187	2.60074787	2.61125763	2.08724115	3.22802971	2.69746411	3.69472211
0.75245308	0.12914552	0.57819451	0.18179702	1.43235393	0.6047875	1.00E-04
0.79080287	0.07961512	0.47368249	0.27887865	1.02425902	0.79672537	1.53194857
1.32304154	0.97753964	1.20242193	0.67542687	2.00612219	1.0400569	2.18879697
1.29895376	1.49447523	1.30991193	1.20484285	1.00E-04	1.00E-04	0.97741336
3.98042169	4.30843001	5.03671509	4.96949221	3.77352689	3.4845503	4.58912695
1.12785248	1.70605517	1.61866571	1.04060533	0.87006468	1.52764293	1.94145369
0.49823027	0.13907928	0.25554791	0.61080564	1.00E-04	1.00E-04	0.19482141
1.00E-04	0.51002135	0.23880695	0.58521359	0.48060496	0.2496013	0.16257726
5.49870616	5.63766026	5.16979205	5.09574772	5.78440784	5.83911847	5.17239197
5.68621688	5.67181867	5.21301707	5.16852316	5.59790282	5.93701072	5.34962349
3.85553457	3.83505437	3.34137305	3.3467928	5.87036416	5.93596136	4.99228397
1.1505697	0.93155619	1.3202971	1.3861811	1.54879378	1.6312984	1.3413106
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.63750362	4.61480243	4.54767607	4.62246149	4.12317929	4.49149005	4.16222413
0.92913099	2.01951695	1.61679807	1.71580982	1.89736083	2.12651635	2.45474916
1.54424622	2.16899635	1.88650814	2.06059471	1.30074714	2.17270132	2.50171589
0.18257026	0.08324088	0.2369	0.07261229	1.00E-04	1.00E-04	0.38794164
4.5864907	4.78368686	4.1998449	4.14393577	4.8388558	4.56916608	4.29727424
2.74395962	2.52049206	2.09290995	2.94668153	1.00E-04	1.00E-04	0.45275821
3.00222855	3.43323889	3.27085397	3.37409963	3.56279478	3.54731081	3.58058138
1.00E-04	0.71578031	0.610048	0.67680349	1.00E-04	0.9265067	0.47592199
4.03366563	4.20783036	4.13533631	4.02390433	4.13794074	4.10963375	3.56950786
4.55583777	4.76713915	4.27227304	4.22586303	4.59521632	4.99442333	4.44116864
1.50956298	1.86422363	1.65341182	1.90523709	1.59240546	1.72361067	2.38067449
2.53438868	3.08215113	2.94784338	3.02466245	2.75711812	3.1431498	3.1077267
1.16822377	1.05399487	1.00E-04	0.65620467	1.64423893	1.74820623	2.15590092
0.44527309	1.00E-04	0.20731758	0.17838615	0.5982431	1.00E-04	0.81043723
3.3216637	3.48193048	3.25489484	3.15275103	3.95304948	3.81673521	3.57056353
2.46233881	2.71612008	3.13859155	2.97376453	2.14811359	2.41818193	3.0843044
3.12787379	3.15138376	3.87872217	3.90175894	3.30363706	3.66453827	4.05693998
1.00E-04	1.00E-04	0.08528299	0.05371548	0.89553159	1.60484199	1.05324604
5.12486185	5.31593055	5.92400457	5.95114281	5.07069563	5.13358589	5.69099372
3.99372402	4.21080851	4.56500004	4.73644048	3.26757818	3.44740443	3.93008761
1.05782738	1.3388426	2.02692089	1.89588968	1.58668729	0.27938516	1.25492163
2.24863576	3.0038875	2.79173154	2.93085461	2.95846149	3.10360453	2.97608585

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.26181686	3.36828005	3.33503627	3.44232374	3.66753259	3.12627737	3.28485891
3.67027776	3.52780884	3.56240809	3.72626537	4.08057138	3.47872965	3.92953142
0.58565562	0.19183768	0.39700023	0.45164615	1.00E-04	1.00E-04	0.38347681
4.16448068	4.3977086	4.82907744	4.8134106	4.08678568	4.15357143	4.75378497
3.13484845	3.32026584	3.40431935	3.59819615	3.00140494	3.2159413	3.56098496
1.45251769	2.37952126	2.6741502	2.66508498	2.12412081	3.02439006	3.38777674
2.5393534	2.78070505	2.95563209	3.07724535	2.35805274	2.79197274	2.94596225
1.42767151	1.50438772	1.59621624	1.4771319	0.92660412	0.74095287	0.91088397
3.77892329	3.96647532	3.58137527	3.57195136	3.98550579	3.67292117	3.81063172
3.28065679	3.661508	3.47112084	3.59054862	3.22733931	3.01567175	3.16920509
0.58492782	1.28049541	1.01831117	0.91404853	1.00E-04	0.55854668	0.73044743
0.67665814	1.25065665	1.75061406	1.58171658	2.60889331	2.27283082	2.53421597
3.92244344	4.19851645	4.42488742	4.23681899	3.92481144	4.14779537	4.68623879
0.52233303	1.00E-04	0.10267635	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.16342528	0.60380706	0.55202598	1.00E-04	0.63412096	1.00E-04
1.00E-04	1.00E-04	0.04861981	1.00E-04	1.07547903	0.67510023	0.32061292
0.58144049	1.00E-04	0.0709492	0.12128811	1.00E-04	1.00E-04	1.00E-04
0.90597144	1.02667763	0.39218856	0.79156808	1.00E-04	0.63592686	1.00E-04
1.34173875	1.09009252	1.40155289	1.31473905	0.86920468	1.38744706	1.90530014
3.46797664	3.55799261	4.20746028	4.21002852	2.85007787	3.05105537	3.71665376
4.41506034	4.76588652	4.90816996	4.96068949	3.74842412	4.36779438	4.56301219
0.41669735	0.31592684	0.36172888	0.67473804	1.00E-04	0.5886213	0.79223293
6.20448638	6.29014916	6.38762991	6.26755862	6.30619679	6.28654037	6.42005678
4.9267527	5.00719715	5.13168328	5.1421624	5.06676931	4.95039522	5.02219644
4.4204341	4.50877811	4.79519961	4.8342877	4.1164466	3.7596673	4.5704229
5.67817103	5.88127313	5.60137367	5.61571098	5.63872604	5.81138895	5.66925792
4.95662919	5.1978387	5.03626089	5.05156128	5.20501961	5.2768768	5.10447746
4.66847105	4.92884198	4.93459813	5.04548387	4.66488728	4.64107245	4.87771001
4.85828486	5.03234332	5.35525192	5.49220674	4.80212757	4.95271005	5.25475876
5.20792092	5.25225294	5.08780578	5.14764588	5.29903306	5.31824718	5.23951906
2.84503892	3.25607858	3.36574995	3.44305145	3.37612451	2.40570825	3.15548792
4.8737186	4.92386576	5.15835586	5.26036935	4.35057977	4.7100547	4.64168664
5.04567749	5.34237193	5.52789358	5.56172533	4.91118742	5.0751793	5.26833514
4.25522077	4.38281421	4.04527668	4.01418288	4.45689428	4.53601245	4.38500628
5.26594072	5.54826376	5.11058131	4.98383384	4.61300861	3.28296788	3.58549868
4.88084142	5.16380153	5.16872254	5.11246647	4.72152482	4.96520289	4.79318055
4.47502234	4.79347696	4.96922922	4.99727877	4.35439289	4.42256747	4.54830876
5.56533188	5.72380066	5.61646873	5.62703149	5.63926961	5.67808015	5.611283
5.01245133	5.04274914	4.84722092	4.72688086	4.15552749	4.48162313	4.48061073
3.92126916	3.87868126	3.9212083	4.08364351	3.41606829	3.49429356	3.67846527
0.62732803	0.66073842	0.19121577	0.11970211	1.00E-04	1.0651737	1.00E-04
1.32028185	1.74272221	1.68288628	1.2789505	2.49839301	2.89927456	2.07377293

2.79290034	2.73248708	2.36832784	2.4290169	4.19561802	4.24874002	3.80579355
1.37662832	0.73390664	1.00912403	1.15307562	1.27179152	1.72238445	2.17296866
0.57602418	1.27883323	1.54015912	1.80647108	1.42137963	0.79113008	1.52860181
0.75858902	1.32368186	1.07676197	1.33738696	1.00E-04	1.63911768	1.75246078
0.33374446	0.19122029	0.47883144	0.26187041	0.83691089	0.81761935	0.60953662
5.16822532	5.19389441	4.99272497	4.92218086	5.27118431	5.4689959	5.15733636
4.77310528	5.17255363	6.2872211	6.02444229	2.11365116	2.11893296	3.56230162
0.7143129	1.01002142	0.59050544	0.37001929	1.00E-04	0.61786682	0.72475569
0.46185597	0.4891406	0.36751481	0.24397258	1.11560782	1.05304135	2.00415966
1.00E-04	1.00E-04	0.13407449	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05271732	0.08056816	1.00E-04	1.00E-04	0.47458344
1.00E-04	1.00E-04	0.05271732	0.298192	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22451825	1.00E-04	0.15618693	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10022618	0.16390977	1.00E-04	1.00E-04	0.83766269
1.00E-04	1.00E-04	0.05451228	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64750553	1.00E-04	0.09221558	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27642423	0.06623142	1.00E-04	1.01493203	0.83978807	0.67689371
0.30873364	0.06620305	0.45193821	1.00E-04	0.97044105	0.47354754	1.07010602
1.00E-04	0.34645529	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.54014859	0.30145949	0.13062728	0.61235854	0.85485419	1.23802658
0.56435569	0.75200453	1.60838927	1.44143331	0.80689583	0.46555821	1.67517938
0.40655691	0.18655873	0.4059392	1.05496561	1.05488464	0.16898238	0.69587374
1.00E-04	0.3177276	0.15820046	0.430909	1.00E-04	0.59690854	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53715864	0.08492694	0.14855302	0.12725862	1.00E-04	0.12583522	1.00E-04
5.04387124	5.20285789	5.25693772	5.25305672	4.62229516	4.9572578	4.94187484
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.52139568	4.40365341	4.37823047	4.38742733	4.4501881	4.30824434	4.16345924
0.36153968	0.25049355	0.32303727	0.69187959	1.00E-04	1.00E-04	0.68380586
0.36491025	1.11988254	0.68110766	0.75105181	1.00E-04	0.41833478	0.78665008
1.00E-04	0.28821883	0.10554259	0.04313075	1.00E-04	1.00E-04	1.00E-04
1.46789354	2.03027186	2.26628775	2.07021433	1.00E-04	1.33216665	1.12776919
0.85624594	1.34726067	1.46806254	1.6232367	1.43212074	1.98776934	2.68668879
0.43435501	0.69017336	0.56294304	0.37607368	1.00E-04	0.12640632	0.16439448
2.9434807	3.55068301	3.77507223	3.6961107	2.26554734	2.97246827	2.75242573
2.26742042	2.91232647	2.85455197	3.0423553	3.50467764	3.03331075	3.68626682
3.31922836	3.62487686	3.59705797	3.62411291	4.73446201	4.8132803	4.858697
3.06784974	2.9947946	2.7890772	2.72752517	3.67098879	3.29959595	2.90352107
3.08881347	3.5766486	3.20094576	3.23281519	3.97325963	4.23883914	4.0270084
1.18939667	1.51307654	1.95284955	1.96553881	1.39601004	0.96171919	1.66935947
3.75397415	3.79741797	3.99625465	4.06517054	2.68051672	2.3716064	2.21692121

0.60671654	0.71830965	0.80217746	0.53094452	1.00E-04	0.74332227	0.73069933
0.1955807	0.27213699	0.12379954	0.15341819	1.00E-04	0.47083282	1.00E-04
1.00E-04	0.52452561	0.24706986	0.06055923	1.00E-04	1.00E-04	1.00E-04
1.52843043	2.74625847	3.25552805	3.40551223	1.10271769	2.04531442	2.8590457
1.00E-04	0.10825118	1.00E-04	0.07027494	0.45889659	1.00E-04	0.27658511
1.00E-04	1.00E-04	0.03729499	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6157185	1.79509398	1.29366237	1.57414463	2.24591348	2.39685468	2.35901138
1.24185513	1.51449504	0.71218417	0.92694287	3.45778395	2.6751529	2.39866399
0.89925574	0.17018868	0.54370329	0.78691918	1.00E-04	1.00E-04	0.09464396
1.00E-04	0.38865679	1.00E-04	0.05797156	0.61235854	1.53938762	1.00E-04
1.00E-04	1.00E-04	0.06340516	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76286934	1.735914	1.91399067	2.08469663	2.53401552	2.22229861	2.06164733
4.74011683	4.8967992	4.39541008	4.28783752	5.22723751	5.27834051	4.69307334
0.20517817	0.4802621	0.24791421	0.32971843	3.07240037	3.11288032	3.00730684
0.34548476	0.54884068	0.08248361	1.00E-04	1.00E-04	0.37047444	0.49683657
1.00E-04	1.00E-04	0.01998609	0.1573891	1.00E-04	1.00E-04	0.16257726
0.35383474	0.37426263	0.32996814	0.85124966	1.00E-04	1.11460168	0.4361994
1.00E-04	0.06266407	0.22513432	0.0493351	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.76911631	2.5834804	2.54550293	2.82367256	2.42263507	2.14439372	2.47872422
1.14263762	1.31819551	0.80975655	0.52150293	1.00E-04	0.92702827	1.00E-04
0.29960046	0.06964474	0.2322621	0.27439361	0.38091442	0.88980182	0.49712595
3.07598603	3.6282743	4.12627277	4.01558749	2.87188328	3.20829608	4.31400503
2.61709385	2.6014096	2.8853	3.23335849	1.5305165	2.13748169	2.28669206
2.28639213	2.51399899	2.84982582	3.0445746	2.45213324	3.53480685	3.77253178
0.35583965	0.25207496	0.0945204	0.29680502	1.00E-04	1.00E-04	0.74307743
1.68504876	2.36660902	2.5656322	2.86630011	1.31116846	0.75817606	2.63964907
0.52347893	0.61420181	0.64151307	0.91001011	1.01674805	1.58331531	0.7591496
1.49404614	1.08089882	0.55941027	0.53434928	0.84364795	0.81262376	2.46347709
2.63188875	3.29761424	3.88639491	4.05802736	2.36741496	2.60038007	3.73949308
3.88547412	4.15892721	4.21545477	4.1930648	3.23031233	3.87371036	4.16500206
3.32377131	3.81511597	3.4102808	3.49147603	4.19007766	4.3013364	4.08996608
0.38012032	1.88631238	1.30591382	0.90749919	1.29550537	2.04532282	1.05839889
0.73732412	0.26156299	0.96884367	0.77681471	0.68767752	0.27052208	1.99906053
1.00E-04	0.34348964	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24193707	1.3661113	0.61058919	0.35921478	1.00E-04	0.26819566	0.61893821
3.64137302	3.57815388	3.71681605	3.5402677	4.70518619	4.40443539	4.57846462
2.64694061	2.53594974	2.64715712	2.84782495	3.48426593	3.44034244	3.442432
1.96223205	1.89877879	2.42849199	2.57076799	1.39567644	1.58256164	2.31979199
0.12595009	0.1194002	0.16641222	0.37797121	1.00E-04	1.00E-04	1.00E-04
2.5041306	2.66889032	2.40331048	2.57613538	2.40036465	2.30015766	2.44966516
2.64843506	2.9775774	2.85531791	2.71757314	3.09969813	2.64856093	2.97140145
3.952606	4.22363506	4.09355483	4.20899636	3.52874621	3.82789414	3.87229799

3.05541596	3.16266932	2.91693551	2.9267054	2.65116529	2.9975943	2.72531445
0.27968057	0.47918892	0.40338027	0.21227575	1.00E-04	1.00E-04	0.26662489
0.81388838	0.25034063	0.31707704	0.59537374	1.00E-04	0.25950361	0.1313165
1.48899062	1.94226616	1.52448574	1.24422321	1.4753308	2.73403528	2.05955244
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.68133404	3.42328127	2.67993899	2.72973554	4.74361184	5.23059988	4.70729662
5.84286571	6.51405512	6.80146446	6.52242497	5.31017003	5.86633097	6.48835827
5.97617939	6.42770292	6.75257366	6.61932851	5.59399927	6.05984221	6.78075786
4.73810564	5.15368812	5.19092273	5.21282615	4.87407338	4.95503675	5.39645481
1.27725979	0.77329902	0.52217865	0.51065806	2.10562241	1.1379476	1.8182507
0.96689486	0.83309262	0.82190267	0.78692269	1.00E-04	0.57195445	0.40593783
2.52445374	2.54479702	2.40481988	2.36982748	1.65698937	2.16360961	1.92753253
3.67567666	3.86015705	3.83846516	3.94093911	3.19629271	3.56928176	3.73866604
2.39943161	3.23068569	3.51465254	2.78501338	1.71318518	3.16561256	3.88869259
1.58228329	1.72936108	2.16566582	2.37468374	1.00E-04	0.31559802	0.21249691
4.10765319	4.29904267	4.3205309	4.28139793	4.34131477	4.36498102	4.61775006
1.68011593	1.67799429	1.54690231	1.68109663	0.80761172	0.96652902	1.44565848
5.09995232	5.38372804	5.21792572	5.06826018	4.83564172	4.66501371	4.70128703
0.66088551	1.00E-04	0.45192922	0.29725588	1.00E-04	0.58732198	0.4189413
5.51341647	5.90307	6.40599218	6.32223527	5.01004028	5.16840776	6.13100035
4.47608047	4.95019052	4.63778251	4.61171767	4.41212953	4.51898172	4.42972495
1.00E-04	1.14244184	0.97956459	0.63743516	1.00E-04	0.13071865	1.51759274
2.66945585	2.94166218	3.27810983	3.46929603	2.40688328	2.92346097	3.19113769
1.00E-04	1.00E-04	0.1197788	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30818412	0.36751114	0.14118676	0.06517759	1.00E-04	1.00E-04	1.00E-04
0.42129053	1.00E-04	0.04101382	0.05604194	1.00E-04	0.65799195	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.09024611	3.14647224	2.9525603	3.12015979	3.31350849	3.29221535	3.08811438
2.1394585	2.75340547	2.65033385	2.56263492	2.82648996	2.11904951	3.07526324
4.19809742	4.94351788	4.74969173	4.68142331	3.82534233	4.09701973	4.7009432
3.48517452	4.21459019	5.07744375	5.01089469	3.25491541	3.53698441	5.02722221
1.00E-04	0.42740015	0.26669688	0.07149759	1.00E-04	0.47045828	0.30893958
4.81434235	5.14967851	5.12404675	4.73290007	4.27306805	4.45492596	4.7330033
1.9343711	2.43756318	2.79559387	2.9405257	2.43186724	1.63532345	2.47680735
3.85705189	3.89961303	3.89824194	3.96668694	3.02070723	3.02238052	3.25782214
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10991238	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14823163	2.01998103	1.36363083	1.6561816	3.89936136	4.21116407	4.67360888
1.00E-04	1.00E-04	0.52212117	0.14126459	1.00E-04	1.00E-04	0.56884959
0.50348557	1.25387676	1.28195233	1.4503698	1.42022871	1.30777734	1.28822644
1.00E-04	0.42393896	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0747889	1.00E-04	1.00E-04	0.42427894

1.51385983	0.63689555	0.43050266	0.19195236	1.00E-04	1.00E-04	0.28482166
1.00E-04	0.26760866	1.00E-04	0.24603421	0.6397631	0.92199884	0.60021869
1.00E-04	0.21139661	1.00E-04	0.05833456	1.00E-04	1.00E-04	0.08557164
1.75132121	1.59834131	0.82521096	0.98546237	1.25551262	2.60946129	1.54100135
0.9041456	0.57486391	0.7662844	0.90484175	1.00E-04	0.12640632	0.3369583
2.26787453	2.66440856	2.81853464	2.99433293	2.03921393	2.61288165	3.01763119
3.06532417	3.10232838	2.98202707	2.70676627	3.81669477	3.76008601	3.05726799
5.02256612	5.17809449	4.68764754	4.64690093	4.90687911	4.88126315	4.53076714
0.67260508	0.71451124	0.75677501	0.30355876	1.00E-04	1.00E-04	1.00E-04
2.5251255	2.44501809	2.21984661	2.53109575	2.40432056	2.18060499	2.56460411
0.89946387	0.78768827	1.24378473	1.10716882	0.83311336	1.18851396	0.89216868
5.58692068	5.65222472	5.24477755	5.26502154	5.60578465	5.6218023	5.1835564
1.6439818	2.13803999	2.51466367	2.32761229	5.11723232	5.31078921	4.89227573
1.00E-04	1.08509205	0.22049444	0.18857702	1.00E-04	1.00E-04	0.43450155
0.58064828	0.53963891	1.03712961	1.00378671	1.00E-04	1.28641614	0.93694877
1.00E-04	0.82224494	0.80599247	0.93132025	0.4683059	0.26054201	1.15854871
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.27171925	2.84885392	1.67443234	2.05115421	1.3501076	2.16775042	1.23710917
3.28305355	3.45362547	3.94251412	4.10215981	3.2958248	2.99587912	3.67727455
1.00E-04	1.06074797	0.22204019	0.97914185	0.84757834	0.58091282	1.47061612
1.72243254	1.35082982	2.24005122	2.14217042	1.50334699	1.81940127	1.37758744
3.24463597	3.34421225	3.25088183	3.10107244	2.68390042	2.4675774	2.47725335
3.30477832	3.77334147	4.49060911	4.49866537	2.70803491	2.89587427	4.06943562
2.81235586	2.96255512	3.43489724	3.51243982	2.82285519	2.72746857	3.545847
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.50593526	5.10304633	4.40747497	4.62064451	4.38339609	4.37854869	3.85462125
3.9475119	4.15153769	3.88825695	3.91825455	3.45375169	3.58694778	3.64696195
1.12750332	1.24314093	1.16934913	1.55716862	1.01276486	0.92805342	1.3373265
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.11748277	4.35695677	4.01195457	4.01759884	4.25431565	4.36925531	4.32751736
0.9423518	1.8108691	1.3502842	1.55413566	0.42938666	1.60799581	1.61599333
0.71746026	1.55783371	1.40103452	1.18486033	1.63449858	2.87583195	2.34940603
1.7326817	1.42223614	1.14574997	1.34109676	2.78732282	3.23525254	2.79313713
3.78744425	3.98272935	4.11084951	4.10886915	2.49288893	2.82798368	2.58884894
3.57361247	3.75555352	4.39229117	4.45341566	2.91704482	2.99412305	3.98453677
0.61968847	0.65420421	0.30206115	0.6058899	1.00E-04	0.48273332	1.88878601
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74462267	1.00E-04	1.00E-04
4.66200041	4.75371473	4.22605355	4.23936565	4.64913272	4.42076231	3.71571764
3.79219337	4.26706811	3.61331943	3.48814317	2.75654885	3.56334275	3.4718862
3.29809199	3.28199495	3.03654058	3.24739851	2.58414718	2.9493233	2.38920203
2.56433251	2.77299482	2.78048783	2.80855132	1.37361801	1.24765942	2.43228149
5.10901248	4.98149837	4.74136726	4.94358328	1.00E-04	0.62475733	0.91672921
1.87303556	1.95240008	1.49063384	1.88728577	3.46668523	3.35168113	3.1585649

1.00E-04	1.00E-04	0.24273313	0.23595017	1.00E-04	1.00E-04	0.79468198
5.29826841	5.8290208	6.37900873	5.92970716	2.09157359	2.47505481	4.04224863
1.38998023	1.8347679	2.65303565	2.57385118	3.60789923	3.75080461	4.66657917
1.00E-04	0.6839337	0.06187353	0.14641666	1.00E-04	1.00E-04	1.00E-04
4.06286538	4.3796997	3.97189788	3.84657991	4.10361623	4.27338121	3.87696751
3.24555477	3.20653524	3.19045427	3.48688127	2.9825491	3.34175251	3.37168217
3.55946607	3.92746996	4.47343468	4.39060762	3.11927882	3.79350173	4.14997293
2.7855397	3.27543474	3.1110282	3.09668502	3.41968533	3.36165316	2.91532296
2.00003663	2.64113914	3.11290317	3.19115155	1.47178238	2.11365302	2.84295063
2.01323488	2.61923948	2.97228141	3.07943376	2.66632209	2.33196383	3.39284551
3.34885366	3.36112143	3.52336537	3.85196545	3.94195709	3.26548971	3.84127144
2.63316146	3.10355773	2.63076394	2.90447474	2.96362137	2.2727535	2.45917655
1.0407694	2.14527232	1.72277998	0.80728186	1.93896013	2.20824293	2.66984713
0.50655363	0.13860286	0.57307067	0.1969341	0.24496797	0.43111503	0.90852498
3.85779203	4.2951407	4.37515199	4.41033599	3.68050048	4.27761919	3.92570687
1.15043952	1.84217307	1.59858533	1.89721925	1.71072664	2.17277563	1.34484093
4.10339528	4.3410029	4.82533529	4.84504333	4.26959154	4.28235218	5.20194656
1.12593895	1.17089793	1.41399556	1.17368225	1.00E-04	0.4800643	1.75169555
2.82099908	3.42660597	4.0667104	4.08525435	2.95361565	2.99950767	3.98066284
2.98777302	2.97729389	3.44716703	3.53063014	2.50927474	2.73611133	3.68405573
0.94028234	1.01041716	1.46406791	1.71125039	1.46887484	1.43522488	1.94097484
3.32066433	3.2861483	3.01057869	3.1561172	3.08811605	3.15985714	3.37361757
4.48122351	4.12248845	3.87891862	4.03717762	3.30543797	2.7305748	2.33678186
5.51914169	6.06123612	5.59374399	5.74699365	5.96306297	6.33573998	5.85356223
2.9554563	4.85811569	4.21991939	3.53822331	2.77797423	5.62983274	4.3957695
4.50047803	4.92985869	5.7535433	5.860431	3.30867786	4.07980182	5.12922762
3.00094956	3.72519338	4.04742919	3.63172825	4.82951449	5.39808279	6.46311506
2.90568547	3.75727996	3.52982655	3.60484407	3.25124722	4.04734934	3.72766602
2.33658897	3.77760883	2.46588343	2.51654382	2.78340247	4.04577581	1.92125787
1.36793159	2.58894646	1.29236833	1.07060458	2.77384026	3.60428317	1.68577044
4.03744937	5.85185742	4.62255697	4.70909291	3.71694127	5.90559389	4.66511008
3.47454215	4.41894844	3.42334065	3.41038221	3.00860161	3.80358655	2.37763782
2.44259062	4.54417187	2.28254469	2.44035392	1.98673459	4.021099	2.32780277
2.63527236	3.90544455	2.63402446	2.62164365	2.98042058	3.9923716	2.87875299
2.69200308	4.79205032	3.10663744	3.17486877	1.79970892	4.27765656	2.68296981
2.20239925	3.19567486	2.48850161	2.60481276	2.5622689	3.27661329	2.16328237
1.06899678	1.69355427	1.01893736	1.07903174	2.66270251	1.30760006	1.83486636
4.08320548	4.08099258	4.08573109	4.24375854	4.42839336	4.29342764	4.25854379
4.03953416	3.91739382	3.69755412	4.09898439	4.84346834	4.16457536	4.16683978
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16439448
1.00E-04	1.00E-04	0.02929424	0.02381856	1.00E-04	1.00E-04	1.00E-04
3.06208677	3.37360955	2.64601841	2.48070096	1.00E-04	1.00E-04	1.00E-04
3.95658199	4.21628477	4.2308739	4.21687596	4.28048892	3.95654736	4.44548154

2.25849003	2.64068354	2.44898225	2.62065827	4.50629574	5.05629342	5.00498487
1.00E-04	1.00E-04	0.18639687	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.52153488	1.94292758	1.78991653	1.00E-04	1.00E-04	1.00E-04
2.43805651	2.26052454	2.19479907	2.16875526	3.28025799	3.31375414	3.46597223
3.78990837	3.70258202	3.61654443	3.45310966	3.90817461	4.28951719	4.08603674
1.45462698	2.18138537	2.33988054	2.58534791	1.39330021	1.55348203	2.78660083
1.94876755	2.2845823	2.10256189	1.98709521	2.72319086	2.83560249	2.31332504
2.13574432	2.0587867	2.10093942	2.08389798	2.59155203	2.85107791	2.34914384
2.57199323	2.69960703	3.28106995	3.39758448	2.72448904	2.95467753	2.93206156
0.73252548	1.15549349	1.52969346	1.77070692	0.42197018	0.95033923	1.92567088
0.62322467	1.78230951	1.52342742	1.58034081	0.98176169	1.23171321	2.08436192
2.63382344	2.34328437	2.46549786	2.48864419	2.97785518	2.58727063	2.6070864
1.6103604	1.52872613	2.11945481	2.04642279	1.75891522	2.34936864	2.12888748
3.2677872	3.51299728	3.39867182	3.57760757	3.19761488	3.67691246	3.62128822
2.16273632	2.8371557	2.43016732	2.47491374	4.12993772	4.39417223	4.24826871
2.8682544	3.17352904	2.74461204	2.83137373	3.27736777	3.67383459	3.72953596
3.92751608	4.03294989	3.78436557	3.72191722	3.91078921	4.07936139	3.66464077
0.5456823	1.73891435	1.25054999	1.31485293	2.32718761	1.89597107	1.84222979
4.23749743	4.41571393	4.04070258	4.11478177	4.05321767	4.46840817	4.09422474
3.51883326	3.77131232	4.36280984	4.42966509	3.06610932	3.24113615	4.205439
1.00E-04	1.00E-04	0.06096193	0.07680342	1.00E-04	1.00E-04	0.11808513
0.18570691	1.00E-04	0.04441324	0.10863514	1.00E-04	0.62689732	1.00E-04
1.92028716	2.17004365	1.49827701	1.41416058	3.34109494	3.10644998	2.74991985
2.23939265	1.7650102	1.19664577	1.64951467	2.68492946	3.44026534	3.47380606
1.00E-04	1.00E-04	1.00E-04	0.0995079	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11830948	0.04901853	0.05234727	1.00E-04	0.72736472	0.28754422
1.92896329	1.4552687	0.85697581	1.1872911	1.00E-04	1.41667914	0.91274047
1.29135123	1.38620807	1.28868607	1.28701988	3.51485838	4.00679079	3.12515782
4.67501712	4.85318951	4.72316339	4.55424924	4.50578286	4.16578086	3.95552207
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78293198	1.30046747	1.94448494	1.78132367	1.00E-04	1.00E-04	0.85346091
1.00E-04	0.24755536	0.45109154	0.35587495	1.00E-04	0.78700117	1.00E-04
1.08020841	0.57482528	1.23707248	1.07683182	1.30369071	1.51922161	1.7963528
0.38316668	1.54233901	1.31333892	1.37983499	1.59751338	1.33542023	0.96629589
1.00E-04	1.00E-04	0.56784021	0.47708982	1.00E-04	1.07936734	1.97273274
0.97866037	1.21558366	1.07137062	0.99964261	2.59591822	2.62467487	2.42538179
1.00E-04	1.00E-04	0.06432571	0.23564777	1.00E-04	1.00E-04	1.00E-04
0.33971235	1.00E-04	0.09092128	0.25401979	1.00E-04	1.35189347	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76397922	1.08887641	0.89580794	1.2310836	1.00E-04	1.00E-04	0.56465871
2.89093619	3.40425509	4.00701903	4.02282603	3.76983625	3.83959601	4.22308612
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.82430425	3.29115183	3.27050175	3.26593042	3.15583344	3.42567263	3.10694641
0.47956652	0.87251531	0.69751496	1.16546992	1.00E-04	0.35702157	0.80943701
1.00E-04	0.25100769	0.47660099	0.23623648	1.3953959	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.50696325	0.24057792	0.14780016	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05790389	0.05000591	1.00E-04	1.00E-04	1.00E-04
0.56659765	1.00E-04	0.09622947	0.02970264	1.00E-04	1.00E-04	0.11808513
1.00E-04	0.28105491	0.50699064	0.57942943	1.00E-04	1.3411715	1.45769402
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31424664
0.2662018	0.39632939	0.51017817	0.31581454	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88128449	2.74573411	3.19006323	2.92736235	1.80305546	3.07242833	3.93151461
0.88489985	1.55560775	2.04403852	1.88844065	1.98569171	2.3147569	3.01819011
1.00E-04	1.00E-04	0.16722662	0.19659594	1.00E-04	0.27052208	1.00E-04
1.05979669	0.64827889	0.16300317	0.46315013	1.00E-04	0.80490006	1.00E-04
0.4677786	1.00E-04	0.02880183	1.00E-04	1.00E-04	1.00E-04	0.65298383
4.28202141	4.52807969	4.67295818	4.73289497	3.89272855	4.25330296	4.48371653
2.84054434	3.29686711	3.61389069	3.64496587	2.97584701	3.59279764	3.88629726
4.15570289	4.39807328	4.09797613	4.09904356	4.58916964	4.7177892	4.29430917
2.94301634	2.83678684	2.89982333	2.90080801	3.20392791	3.40710612	3.30107399
3.94916935	4.04809274	3.7812348	3.79305472	4.00502841	3.89826742	3.89758733
6.74616836	6.79960168	6.60632922	6.59289561	6.46485863	6.45839697	6.13301845
5.14263307	5.25907262	4.43815137	4.50916507	3.86518333	4.10116582	3.3728032
5.00051999	4.91386161	4.7816161	4.97714726	5.74151426	6.18749592	5.7044717
2.16422942	2.57251616	1.9944021	2.34370494	2.41289007	1.91071734	1.27923683
2.96565054	3.398896	3.12139932	3.20402835	3.259771	3.38130344	2.93767936
0.15020537	0.16885241	0.06803896	0.19245154	1.00E-04	1.00E-04	0.24554172
4.07764079	3.89584891	4.21179705	4.16333286	3.9222763	4.2119073	3.80042318
4.88920001	4.9985343	5.18470371	5.31615977	4.76752877	4.76291968	4.96801523
1.00E-04	0.05111793	0.02951277	0.25103158	1.00E-04	0.43070808	0.31217225
2.58923062	2.35847669	2.46515869	2.50241014	1.0793781	1.23629419	1.27928325
1.00E-04	0.93324173	1.00E-04	0.06099539	1.00E-04	1.00E-04	1.00E-04
3.33718754	3.83872737	3.44802218	3.47355437	1.21812286	1.95306585	1.51376512
4.80215497	5.41006305	4.86532782	4.1578199	1.79396052	3.06756033	2.72584978
1.00E-04	1.00E-04	0.07388726	0.11944623	1.00E-04	1.00E-04	1.00E-04
2.12330787	2.1528062	2.52284827	2.37203905	2.75056397	2.17041024	3.04835912
1.00E-04	1.00E-04	0.18156821	1.00E-04	1.00E-04	1.00E-04	0.35317396
3.71583897	3.87192897	3.54372142	3.60385672	2.24315733	2.2047969	2.32973757
3.07965936	3.01674978	2.90341019	2.91746485	3.9420723	3.8911685	3.72187468
2.79681572	2.98420246	3.58639088	3.82247149	3.18676127	3.39769646	3.42253833
1.00E-04	1.00E-04	0.0755964	0.0715578	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20648418	0.30444887	1.00E-04	1.00E-04	1.00E-04
2.02137338	1.92861258	2.02487911	2.11298012	1.42240394	1.70081645	2.7066155

0.38788008	0.60848654	0.43897253	0.32430359	1.00E-04	1.09425306	1.00E-04
2.32088186	2.7373987	2.19426534	2.52570745	2.66036655	3.01426729	2.84490197
0.24682006	0.18326483	0.03643129	0.39599526	1.00E-04	1.00E-04	0.48918601
1.08207764	1.04219819	0.70253111	0.57428844	0.79328163	0.25918657	0.50450596
0.63474231	0.52318878	0.897343	1.09014838	1.00E-04	0.40179705	1.00E-04
1.79734665	1.99938766	1.82904409	1.77423257	0.47740198	1.00E-04	0.13866036
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.29805035	2.66303296	3.24138741	3.41804073	1.8938687	1.6588816	2.65699462
1.86187989	1.84397205	1.8482602	1.51819883	2.25734209	2.88046007	1.84172703
4.10513542	4.36673605	3.99871554	3.81541559	2.48918177	2.19635171	2.0349167
3.70144425	4.00892675	3.14965691	2.69169563	1.21292187	0.69252281	1.00E-04
1.00E-04	0.26829374	1.00E-04	0.18988086	0.51366621	0.63799536	1.00E-04
0.30873364	0.69855554	1.03768309	0.52761307	1.00E-04	0.39846015	1.19191921
0.38622297	1.52764957	2.09710847	0.17853998	0.9840112	2.09921025	3.79415068
2.99018541	2.88356875	1.9692535	1.96408311	1.38735898	1.40123879	0.780778
1.00369482	0.85538586	1.02453615	0.44770874	1.53975996	1.37235492	0.29688924
3.14796833	3.21615976	2.94816266	2.81469223	2.55692723	3.60399827	3.33663499
0.83609431	1.09939966	0.88999231	0.70512535	0.80750542	1.07383638	0.78265255
0.80386762	0.8867742	0.38466808	0.20186456	4.69725982	5.68122721	5.33189405
1.98717733	2.22730052	0.97953646	1.95331275	1.00E-04	1.00E-04	1.00E-04
0.4725082	0.56861896	0.36148182	0.6637781	1.00E-04	0.40752836	0.2166229
1.13936359	1.14403718	1.1287876	1.33244521	1.41256851	1.29033606	1.83712678
1.00E-04	1.00E-04	0.46659868	0.85963959	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05215192	1.00E-04	1.00E-04	1.00E-04
0.19900397	0.64704426	0.80790791	0.70284486	1.00E-04	1.14595386	0.3288116
1.44917676	2.01463202	1.48389432	0.95875286	1.516963	0.81868069	1.03164639
1.68282346	1.48080018	0.13733772	0.56946221	1.00E-04	1.00E-04	1.00E-04
4.31523647	4.1501866	3.64775953	3.81027732	3.69875659	4.39924052	2.81684351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09465051	1.00E-04	0.61305258	1.00E-04	0.66903244
1.00E-04	0.06620305	1.00E-04	0.17870486	1.00E-04	1.00E-04	1.00E-04
0.72844722	0.82139068	0.71181774	0.88120764	0.86076043	0.49605923	0.48230855
4.58943945	5.04835731	4.49183148	4.1007506	1.00E-04	0.33769545	1.22389221
1.00E-04	1.00E-04	0.36733895	0.4596225	1.00E-04	0.84885326	1.10711959
1.10520553	1.1255866	1.02807532	1.52348683	1.00E-04	1.00E-04	0.52721277
1.00E-04	0.4552858	0.20338033	0.28104936	1.00E-04	0.85755503	1.00E-04
3.13036558	3.26604197	3.60939454	3.74543079	3.42504004	3.61633714	3.87691756
3.23690639	3.45539569	2.64707421	2.8904838	2.61293499	2.78525369	2.31240974
4.036389	3.68283592	3.40948528	3.4106425	0.8187484	0.87916696	0.37683402
4.01771875	4.30086034	4.78125148	4.67342362	3.33028069	3.52063018	4.07058519
0.19046343	0.38660083	0.20006206	1.00E-04	1.00E-04	0.20839209	0.40869447
0.17922381	1.00E-04	0.65338252	0.30445433	1.00E-04	0.11293056	1.00E-04
1.00E-04	1.00E-04	0.75844571	0.72472463	1.00E-04	0.85143803	0.74650168

0.96026215	1.07698628	0.90832292	0.71694923	1.18758989	0.77059931	1.54454836
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05688738	1.00E-04	1.00E-04	1.00E-04	0.13723188
0.54471817	0.41428997	0.39453076	0.50831585	1.00E-04	0.40179705	0.87108029
1.17383613	1.44790802	1.01674786	1.44410238	4.35753348	2.73248007	3.24444541
0.57396952	0.58570271	0.45640781	0.93171445	1.00E-04	1.00E-04	1.00E-04
2.31408332	2.7052343	2.64712773	2.70341747	3.1982828	3.55526117	2.77482305
5.24283737	5.33127788	4.66567703	4.83119383	3.53637083	3.92499061	3.44038122
0.52455266	0.32946577	0.74616784	0.72067409	0.70997801	0.16121801	1.25178366
1.00E-04	1.00E-04	1.00E-04	0.21153689	0.52105756	1.00E-04	1.00E-04
0.40171885	1.00E-04	0.06454646	1.00E-04	1.00E-04	0.69068468	0.32561659
2.51672785	2.3791097	1.87322602	2.57371596	4.6307158	4.18234847	4.24927043
3.56689911	4.00420344	3.71292152	4.00659239	3.30823436	3.32764813	3.77343578
3.4278856	3.20208359	2.94325657	3.45490093	5.25005327	5.34246976	4.96205454
6.02647428	6.00257124	5.96419305	6.00013158	3.12631237	3.24723367	3.69061694
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0.60166436	0.24556529	0.66925648	0.87142717	1.00E-04	1.00E-04	1.00E-04
0.25385769	0.4818528	0.33571721	0.17222775	1.98953063	2.39391482	1.81268036
1.00E-04	0.26789339	1.00E-04	0.09814439	1.01493203	1.47201029	1.32758758
3.11894179	3.40432699	3.6165076	3.63788583	2.86321739	3.0228688	3.66346793
4.47943484	4.52190795	4.22692375	4.31438062	4.55212019	4.42680731	4.05992902
3.60071984	3.91105109	4.05827544	4.15678151	3.28497903	3.70092915	4.02162271
4.60826648	4.82330671	4.65821156	4.52345943	4.56428766	4.66928326	4.35558698
4.40037155	4.4844955	4.16831436	4.08884418	4.29459292	4.81157425	4.41061006
1.80019828	2.3878603	2.42186229	2.60555746	1.50117319	2.44846509	2.58678551
3.7684839	4.04577267	4.08041461	4.03682203	4.15102832	4.21072739	3.91586455
5.6700738	5.73119031	5.14096816	5.30541597	5.69756808	5.79932856	5.63264073
3.87366205	4.16780821	3.91650072	4.03232747	4.08438074	3.87429223	3.75206563
2.64860397	3.25165274	4.05233266	4.1657467	2.28057926	2.76388175	3.85487373
2.30293174	2.76459977	3.13918867	3.18778758	2.52187396	2.76678337	2.71154236
2.97116881	3.36177094	3.17963562	3.2990547	3.5507055	3.79985786	3.30507987
2.12631517	2.03482502	2.12439981	2.32276921	2.79186428	2.61173839	2.87078881
1.63888318	1.84588882	1.67852932	1.99387802	2.61664864	1.76169625	2.34136888
3.32439746	3.55104044	3.3525583	3.41739038	2.72094655	3.25436483	3.65052814
2.95143292	3.16208106	3.07968087	3.20523428	2.97801425	2.57160488	2.16484086
2.86002072	2.95261458	3.10634028	3.13777828	2.60814673	2.42419561	3.4041522
1.00E-04	1.00E-04	0.44057234	0.27096835	1.00E-04	0.1982747	1.00E-04
2.85065389	2.91893832	2.68451668	2.08346083	0.96371552	1.80181461	1.87190538
0.70147304	0.21386006	0.6106557	0.84200379	1.00E-04	0.25871909	0.43921292
0.38752892	0.75625168	0.84878842	0.40145395	1.00E-04	1.00E-04	0.98920162
0.94372367	1.30927033	1.24434107	1.51331154	2.30812062	1.52112189	1.88667773
0.4166379	0.49234846	0.07677527	0.25271346	1.00E-04	0.54619559	0.08557164
2.09357785	2.1433079	2.06301817	2.04907305	1.87285385	2.16026863	1.77725115

1.47335598	1.15253104	0.95396999	1.1457957	3.43746904	2.72264135	2.58547537
2.72240439	2.47319829	3.01647742	3.11411057	1.74624229	2.66442627	2.42689399
3.01589425	3.06448233	3.67356023	3.56142851	2.53741885	1.84828225	3.3832634
3.01219501	3.33377752	3.24172981	3.24740563	3.46273172	3.42935458	3.13410177
3.18263835	3.04202013	3.16907358	3.2464976	2.32213622	3.28159703	3.25718651
3.47265548	3.27408478	3.24641492	3.39404284	2.90485425	2.94462431	2.5777672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78631755	1.72170803	1.62303025	1.10280309	2.22234414	2.3833167	2.16207007
1.00E-04	0.29881987	0.37001997	0.28026817	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18281164	0.4487637	0.24628154	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.55389794	2.7517824	3.37515973	3.40771084	2.69823655	3.09344052	2.8772606
2.0648925	2.54069568	3.60378359	3.74752993	2.07011632	2.69622246	3.7449365
1.52865038	2.1039687	2.2365228	2.39537095	1.84559575	1.64425075	1.70525598
4.80242692	4.88335927	4.55237835	4.47877783	4.77155232	5.16530713	4.51568461
2.15118656	1.78207849	2.22615769	2.13317511	2.2711151	2.13498385	2.30128085
3.18208669	3.26934844	3.58646784	3.73960693	2.99497226	3.58148037	3.72763346
4.62397827	4.80397655	4.42291592	4.44974526	4.896903	5.07439591	4.4667971
2.81078821	3.31809521	3.43480136	3.63909051	3.14241236	2.77845242	3.5760137
2.3717568	2.73131622	2.78407475	2.6353837	2.48206359	2.06036166	2.51717205
6.13150496	6.05958859	5.73447132	5.65098293	5.88571261	5.02235321	4.89973167
6.07083648	6.09786433	5.53505776	5.98419346	1.55403738	2.22388761	1.93815868
4.58887985	4.13597129	3.95572765	3.94561179	4.87195374	4.57668193	4.16586194
3.48484114	3.74042199	3.25548049	3.44310934	4.46390745	4.27628133	4.12766131
6.06390016	6.13702061	5.80010561	5.62519803	6.92315765	7.11131325	6.64211875
1.55733267	1.82256802	1.70636685	1.86862038	2.08350116	0.82126964	1.45191183
3.85537343	3.72798532	3.48408559	3.63146491	5.11444916	5.46810007	5.11940942
1.00E-04	1.00E-04	1.00E-04	0.09618438	1.00E-04	1.00E-04	1.00E-04
3.06482354	3.54110409	3.17680003	3.24253747	2.9357893	3.69280732	2.66664324
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1.00E-04	1.00E-04	0.09139228	0.06904221	1.00E-04	0.21439207	1.00E-04
3.99226753	3.7388028	3.80456542	3.89053234	3.63432221	3.1877659	3.50044031
2.73571605	2.88633094	2.9064838	3.08735043	3.03392872	3.43539855	2.81289275
0.42696558	1.00E-04	0.25553191	0.19916607	1.00E-04	0.74829532	1.00E-04
1.00E-04	0.32565933	0.11256034	0.05158405	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.53661876	0.78978427	1.10322486
1.5842602	2.14172519	1.58713731	1.70405525	2.62487068	3.31302439	2.73346095
1.00E-04	0.15433955	0.16643198	0.06694181	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54302212
3.53307117	3.94303808	3.96690289	4.13121543	3.30258883	4.120172	4.03614361
2.98489735	3.08980103	2.80828653	2.87467118	2.99126739	3.5600209	2.40593785
3.46619621	3.54030325	3.38890913	3.54418419	3.02785381	3.10481598	3.47372041

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2.73293096	2.65210332	2.41510238	2.52639449	2.86270222	3.00469687	1.82116337
3.13973757	3.29165407	3.1949776	3.19995578	3.68866309	3.31974641	2.80934392
1.9800315	2.03579374	1.79870494	1.94691426	1.700629	2.29539134	1.76161012
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3.07078317	3.43681357	2.95795662	2.97479423	3.08834504	3.52710602	3.20500604
4.0109591	4.05626456	3.76765204	3.74884907	4.27351647	4.1256699	4.00688899
1.08340811	1.98204233	1.91979534	1.96864627	1.42156739	1.47864407	2.37773693
5.23700671	5.41168525	4.96673306	4.91782283	5.58910026	5.37763916	5.1416288
4.10530814	4.33689893	3.99118914	3.98909032	4.45135202	4.61538913	4.0594715
3.86368843	3.99393523	3.84819053	3.86304319	4.1332962	4.25799436	4.09529522
4.26237117	4.43156963	4.25550613	4.35413813	4.3318721	4.57880863	4.39901836
3.59674838	3.95849686	3.52643749	3.59503222	3.82160358	3.85474438	3.35200531
0.88708698	1.15122441	0.82045022	0.94911894	1.0859894	2.06559802	1.91770918
4.09821196	4.38417706	3.95833597	3.88150952	4.76719037	5.07473817	4.80198218
4.83392308	5.06486634	4.76963406	4.68461065	4.52620144	5.10061276	4.50345569
3.09871712	3.59258046	3.51174757	3.62317344	3.36727702	3.22614939	3.32448124
1.00E-04	1.00E-04	0.28065213	0.11174021	1.00E-04	0.89305164	0.81720648
4.2629475	4.38353239	4.02591868	4.14199251	2.47208316	2.61836629	3.130342
3.60541928	3.45639578	3.3695387	3.41463722	4.2222507	4.30221706	4.01195593
4.0982838	4.38549065	3.91630392	3.77498661	4.50944348	4.51976624	3.97771254
1.22654988	1.72381751	2.03272068	1.93219804	1.15466917	1.67152958	1.78645254
0.95087138	2.05202945	1.59031452	1.55943456	1.00E-04	1.11228241	1.13586132
3.72319805	3.70764106	3.67446148	3.79103526	3.52181654	3.60045642	3.99033989
4.36145232	4.36396872	4.01432869	4.06930238	4.2456504	4.27010509	3.6867909
3.80406315	4.06321005	3.76339381	3.82049317	3.89617307	4.02646435	3.83552209
4.44285043	4.60260702	4.16441077	4.20526648	4.66345919	4.60248826	4.40018326
2.80001318	2.70176907	2.52253499	2.69825717	3.15575849	2.30236968	2.59453801
3.05291747	3.0938305	2.89420396	2.94390312	2.91745379	3.43204411	2.47198504
0.20024107	0.96130904	0.7025824	0.79415589	0.63583153	1.00E-04	0.47458344
1.00E-04	0.83491825	0.86276278	0.61184812	2.12061845	3.14687633	2.55772165
3.20792059	3.27108281	3.17474237	3.13525536	4.56450814	4.49456371	4.22245349
1.23026759	1.22616321	0.77763133	1.1150604	1.90500997	0.42698816	0.75724953
0.33342268	1.03082901	0.45725152	0.68432542	0.97895253	0.87749719	1.3726426
2.81867096	2.86710899	2.75544074	2.78683624	2.62976517	2.95761558	2.49589312
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.63334639	2.57531411	2.91842003	2.97754095	3.06621765	3.41311468	3.09223383
1.8695805	0.58854012	0.55824945	0.78638418	0.97568262	0.78344542	1.00E-04
0.98527926	1.93015776	1.07694524	1.08281718	0.54050558	2.0163896	1.78181397
1.00E-04	0.08372266	0.14206677	0.14472026	1.00E-04	0.27371291	1.00E-04
3.05508195	3.46952783	2.82240167	2.56410259	2.62699715	3.08938638	2.7546416
5.22541975	5.34795113	5.17591717	5.39424926	4.29633932	4.54736737	4.71598765
6.53673492	6.52402687	6.04353615	6.1866676	5.95854158	6.01332217	5.5820137

1.00E-04	0.2366324	0.09683548	1.00E-04	0.4683059	1.00E-04	0.26844633
4.46001396	4.20571737	4.0419217	4.13937275	5.18607525	5.76792077	5.10387691
1.25353187	1.61988025	1.34181148	1.09540984	0.75369373	1.55143049	2.49073936
0.44892226	1.00E-04	0.09457624	0.2450285	1.00E-04	1.00E-04	1.00E-04
1.14024353	2.0177586	0.67366283	0.94372776	0.71780374	2.62326346	1.80516463
2.63924347	2.61305956	2.38103751	2.34003411	2.69584773	2.91146357	2.70531704
3.21581144	3.31592526	3.31940083	3.29964129	2.19794289	1.91169528	2.05269636
4.24915335	4.48106938	4.11891658	3.83103047	4.81663333	5.19652989	4.76156937
1.27283583	1.82301319	1.89840599	2.0088794	3.42615458	2.8867379	2.60156906
2.40268068	2.3266122	2.15505546	2.54052084	3.38780773	3.02923892	2.79864429
4.38816519	4.67896462	4.24842511	4.31112108	4.47704163	4.95138975	4.39752321
4.42838888	4.42363294	4.6556033	4.69245845	3.61422132	3.54494541	4.25318238
4.63849968	4.71285446	4.73108352	4.83359845	4.61970411	4.69823513	4.48407496
1.47080525	1.71028388	2.23104609	2.04157443	2.00357434	1.42092617	1.77363019
3.85035776	4.14969329	4.32340981	4.43447156	4.01876758	3.89976441	4.02636594
2.11685989	2.43138332	2.64191007	2.79262197	3.15454574	2.84096848	3.32942583
3.91330229	4.09570035	4.62414035	4.78809006	3.89515463	3.68456729	4.54337252
2.40035932	3.04731587	2.29537382	2.39543797	4.14869883	4.43331297	3.58538272
0.76553244	1.4376564	1.56345392	1.56265037	2.96437807	3.21060245	2.8238073
0.97921909	1.49647115	1.0283617	1.530455	0.43177254	0.82622948	0.46435976
1.7207801	3.0305392	2.20192352	2.45242078	3.33394781	3.90126626	3.79656532
1.58131224	2.53787131	2.70598448	2.3427733	6.06874011	5.48870535	5.66215537
2.85324972	4.28675619	3.43509158	3.83007628	3.56535269	4.14396319	3.67653697
1.00E-04	1.00E-04	1.00E-04	0.07824435	1.00E-04	1.00E-04	0.30631903
1.00E-04	0.42208908	0.17932512	0.32658627	1.00E-04	0.50896986	1.00E-04
1.06544765	0.75325177	0.6211407	0.88403858	1.45156912	1.38264166	1.64634866
0.56419396	1.41808021	0.70131027	0.81460233	1.98832956	1.71767978	1.73783827
2.63921919	2.75384308	2.23712961	2.29652255	3.35887925	3.72855517	3.91458441
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39173741	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12484456	0.05821306	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20196594	0.31295645	0.36992443	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24646587	0.0712311	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.41381497	3.78859819	4.24087878	4.32162302	2.97487836	3.41078722	4.01878644
1.69779857	2.60645005	2.93285073	3.05693937	1.69968897	2.04720165	3.00265961
3.27769756	3.46854196	4.01231561	4.21471398	2.75421465	3.07048812	3.77704856
3.39626973	5.04924079	3.77966676	3.67871747	2.54690452	4.73293892	3.50799468
4.18924204	4.80343389	4.99274662	5.181435	3.74727397	4.90205997	4.61055265
2.2842488	2.72186287	2.80523651	2.76374365	1.39868138	1.96171353	2.57856488
1.00E-04	1.00E-04	1.00E-04	0.05257374	1.00E-04	0.49381272	1.00E-04
0.3371285	0.3963571	0.38114332	0.3364926	1.00E-04	0.27938516	0.89769788
0.73217447	1.24856529	1.13861268	1.22037331	2.30043908	2.85178418	2.86924359
0.16864963	0.32418762	0.07578816	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.41397149	1.61562494	1.61242966	1.71073698	1.45644159	1.44256634	1.64875838
4.25391553	4.34009231	4.25096637	4.41486748	4.48233063	4.77886968	4.26073583
4.50225917	4.48275711	4.55334506	4.52980337	4.09226711	4.18514661	4.36325755
1.77297243	1.83666925	1.86808536	2.36725295	1.02196661	1.14502934	1.51452772
5.93597005	5.94834881	5.77145746	5.71595464	5.19357657	5.36639546	5.22223319
4.9617804	5.41614762	4.92458812	4.81178473	5.01536082	5.4763906	5.19813098
4.16138033	4.12075803	4.17314765	4.08160132	4.46279347	4.55610322	4.2491232
4.73660675	5.04324035	4.556709	4.5156556	2.09716331	1.81184398	1.79534159
0.67234611	1.43809295	1.11674922	0.89930655	0.99639344	1.44432905	1.0870725
1.00E-04	1.00E-04	1.00E-04	0.19917387	1.1022282	0.47946245	0.54840408
3.85335207	4.0360815	4.02662607	3.93926251	1.08981844	1.73457389	1.93177206
2.35995703	2.5507394	1.87743284	1.35553835	2.11322937	2.58278438	1.47746279
0.2398323	1.32869767	0.81564191	0.83474516	0.80384058	0.81782482	0.24737345
6.28647133	6.08823378	5.80494272	6.03289571	5.71094992	5.79810679	5.42709242
3.45109234	3.43663053	3.47124272	3.42709747	1.11105319	2.16877045	1.81263187
4.99291688	4.88936786	4.89469557	4.73968194	3.70435861	4.03285535	4.21364763
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16166602	0.55842898	0.19117637	0.38609179	1.85240814	2.97540133	1.98212205
1.57036896	1.02215221	0.86325067	1.02027561	3.6392424	1.19155097	1.20793346
2.05736223	2.63053802	1.83091478	2.24205286	2.58202539	3.90539753	3.24486693
4.89914033	4.32449833	4.53751516	4.44880655	2.48152146	2.77160276	2.74103972
5.13618504	5.34736347	5.13075337	5.28288162	4.42687884	4.29958537	4.14823135
1.93395591	2.85433712	2.66134813	2.70860089	2.96810031	3.12116763	3.60600522
3.74430378	3.78171795	3.5478954	3.35212269	4.35426446	3.71299609	3.94864652
2.48835244	2.92530749	2.95396562	2.80268538	4.39809539	4.68996747	4.33449449
5.75724869	5.60657769	5.75712432	5.96207811	5.12390612	5.00229327	5.39441286
3.38468109	3.5341261	4.09028805	4.27210125	2.25323031	2.59268806	3.61268593
0.46962964	0.79203316	0.50637952	0.42892622	1.00E-04	1.12804771	1.20677926
4.48887784	4.62018006	4.95355596	5.26549478	4.36451981	4.53470605	4.72569882
1.00E-04	1.00E-04	0.13132189	0.06489005	1.00E-04	1.00E-04	1.00E-04
2.73651074	2.61418739	2.35633996	2.45988933	0.80320317	3.12743546	2.74597988
0.68052992	1.11602003	0.73129129	1.06693099	1.00E-04	1.00E-04	1.10872362
1.00E-04	0.46403056	0.35409555	0.41558151	1.96013185	1.21115901	1.07613906
1.4872081	1.37298796	0.82138275	0.8889145	0.88793011	1.21838392	0.30631903
3.27538934	3.34441798	3.52245744	3.62164644	3.38800196	3.72721589	3.80416524
2.26297358	1.46280603	1.05970659	1.24116547	0.74684033	2.0316102	1.4298819
1.00E-04	0.17774009	0.2908441	0.13646557	1.00E-04	1.75137296	1.15963756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33401375	1.00E-04
0.28661656	0.7149096	0.60972111	0.54550874	1.00E-04	0.71009782	1.47712187
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70732416	0.63951329	0.4871776	0.15664772	1.00E-04	0.41551533	0.81779181
0.28790199	0.2366324	0.19559193	0.34226634	0.74462267	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1612429	1.00E-04	1.00E-04	1.00E-04	0.32061292

6.32472294	6.59260943	6.33739235	6.13265098	0.86188307	2.54792105	2.74942039
1.00E-04	0.08149241	0.16804042	0.16705219	1.00E-04	1.00E-04	1.00E-04
3.34968995	3.5552885	4.13851886	4.60714468	0.84840873	1.1037899	1.77496115
5.24453791	5.56991792	6.18622041	6.08494706	4.85855287	5.2746792	5.86332446
2.20351355	1.98261143	3.47878113	3.49283015	2.21816166	2.37853739	3.37345593
2.8841229	3.46864246	3.60004276	3.81516768	2.71517418	3.49475848	3.98765286
4.31903008	4.61792943	4.13907126	4.07134159	4.35476314	4.13067823	4.63112542
1.00E-04	0.14450363	0.10259538	0.06555985	1.00E-04	1.00E-04	1.00E-04
5.24774146	5.3447966	4.81311714	4.83656888	5.25253852	5.06917722	4.39073193
2.10558047	2.34034797	2.00319769	2.04575554	2.37232482	2.29315687	1.54701173
4.7814122	5.10930448	4.56609852	4.46572843	6.14867566	6.17811433	5.62898791
5.6170469	5.8080194	5.35273917	5.22124685	6.66503497	6.64128604	6.22742224
4.30555272	4.01403416	3.8326239	3.81428329	3.51611187	3.75576578	2.92753362
1.00E-04	0.11033993	0.04213817	0.11217693	1.00E-04	1.00E-04	1.00E-04
3.12669737	3.18598497	2.84922729	2.96189177	3.70321521	3.0851498	3.31870752
0.98975556	0.21058763	0.21723395	0.72997703	1.00E-04	1.00E-04	0.40593783
2.45016	2.82054545	2.60471042	2.75318639	2.41192451	2.80321878	2.89676202
0.7415893	0.28904681	0.23176569	0.11124692	1.00E-04	0.0838544	0.32582337
2.8716458	2.88280521	2.31584985	2.29358189	3.26559231	3.23212033	3.88089327
5.83957899	5.9519417	5.60395964	5.54758004	6.27668588	6.42757335	5.94429321
2.80596952	3.12469198	2.73246877	2.9659171	3.17757694	2.50590714	2.2707141
5.29376269	5.25089752	4.86392419	5.07344164	4.92679353	4.79076193	4.69107404
4.19888196	4.47216334	4.123421	4.1185106	4.49956145	4.56737092	4.58225707
1.00E-04	1.00E-04	1.00E-04	0.06772046	1.00E-04	1.00E-04	0.31554781
1.00E-04	1.00E-04	0.15057003	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15361271	0.14555873	0.0528821	1.00E-04	1.00E-04	1.00E-04
0.4636045	0.24840947	0.32731903	0.06230298	0.30780692	1.00E-04	0.24851266
4.23135692	4.40971823	4.14818061	4.22752948	3.37797799	3.47184689	3.50453735
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1.68443194	1.46564513	0.66855934	1.00796792	4.25817089	4.76930534	3.81226427
0.99232962	2.01431543	1.48398658	1.49655661	1.69477329	1.81629088	2.24729386
0.60910219	1.06295651	0.58655503	0.83142917	2.31178395	1.85283964	1.64137472
2.44465386	3.15939692	3.55708571	3.5648619	2.35563951	2.74160995	3.50295528
6.272298	6.37853311	6.12592756	6.01306199	6.35303388	6.46222163	6.05228524
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2.58034645	2.72286802	2.35006337	2.35645327	2.6020372	2.85518468	2.24504801
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4.99467607	5.05145425	4.73701316	4.95754653	2.34174087	1.83974743	2.51643806
0.6960588	1.64443586	1.07245964	1.35115641	0.79026361	1.79429695	1.21287363
1.00E-04	0.71244283	0.28435493	0.38162516	1.47126004	2.03144633	1.61291726
1.54565618	2.78510437	1.11459086	1.41134816	1.97617947	2.72894986	2.52487979
3.62029545	3.6041972	4.14396714	3.59172359	3.66487112	3.23751276	3.17896727
5.00112038	5.27226544	4.80124285	4.55397544	6.135239	6.24481134	5.52422409

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0.41882812	1.00E-04	0.15028591	0.10171831	1.00E-04	0.36782053	1.00E-04
1.00E-04	2.53748159	2.01004305	1.13308261	5.23434609	5.32738303	5.36937565
1.42002406	1.23788869	1.48044884	1.64768045	2.341094	2.64225126	2.36574194
0.90544455	1.71913379	1.11351372	1.05480831	1.00E-04	0.21159524	1.66234041
3.03847976	3.15993693	3.23870388	3.36527295	2.17602709	2.69703872	3.1333034
6.41864505	6.5971546	6.22191986	6.1075811	7.15738849	7.25508206	6.91476361
1.25269065	1.63388046	1.55280365	1.77600157	0.39382455	1.2759108	1.28789564
2.72963992	2.9285521	3.3086851	3.33924006	2.16954898	2.29473873	2.85840771
2.04499217	1.85417542	1.77218079	1.8188254	1.14050366	2.32980241	2.13753405
2.54686176	2.56748316	2.77601289	2.80825433	1.41713773	1.97565113	1.85207157
4.41516706	4.71346348	4.41572306	4.17726178	3.95021247	4.20188897	4.19355355
3.85522852	4.08697116	3.94860108	4.04285165	3.66504051	4.10117379	3.81039042
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1.00E-04	1.00E-04	1.00E-04	0.19813642	1.00E-04	1.00E-04	1.00E-04
1.12495913	1.00811534	0.67148036	0.60786859	0.60156552	1.29312848	1.61901967
0.17727073	0.79317356	0.54783797	0.74274244	1.00E-04	0.74648218	0.66420505
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.54576863	3.80986548	4.57639078	4.52384229	3.81644271	4.01525592	5.06834163
2.59397232	2.49631026	2.30278932	2.32661358	2.83956165	2.34566947	2.37203331
2.14251085	1.90463043	1.64316079	1.65007236	2.64537766	2.12111732	2.14606988
2.82216906	2.50600035	2.75117494	3.07825576	2.30201239	2.45069613	2.64556303
1.00E-04	1.00E-04	0.19863561	0.15166702	1.00E-04	1.00E-04	1.00E-04
3.83553046	4.53310411	5.21993254	5.32955603	3.19580329	3.8163362	4.80394046
5.1096243	5.22021306	5.27485585	4.76347431	4.33947292	3.62346355	4.92391674
4.31691723	4.48674862	5.06926083	4.90201269	4.58092488	4.43590031	5.48671224
5.47504134	5.75007986	6.46596702	6.27914835	5.06315795	5.25187679	5.94285684
0.2446639	0.85562072	0.44486179	0.82597867	0.40912496	1.01878607	1.00E-04
1.1733723	1.95645916	1.46637049	1.52523222	0.65823999	1.71806047	0.4213337
0.71957282	0.94330534	0.28594789	0.27077581	1.00E-04	0.95975401	0.68741816
0.16220814	1.05389918	0.49143494	0.40748246	1.00E-04	1.25957057	1.00E-04
0.66221095	1.01272056	0.60424731	0.6646849	0.39382455	0.98426468	1.00E-04
0.35217536	0.40535697	0.203467	0.38782537	0.71649841	0.19340846	1.00E-04
6.20506501	6.31222147	5.93632607	5.89266857	6.17468308	6.34683259	5.72082933
3.40297282	3.86368522	3.72777478	3.96683385	4.43296357	4.66414199	4.57045027
3.87393299	4.29932295	3.96412538	3.92682129	4.2386896	3.89651671	3.57119767
4.66000809	4.81806107	4.29872154	4.26863693	4.75016924	4.72519653	4.17319685
3.28194654	3.5705026	3.70676941	3.80185899	3.12668846	2.92688789	3.56329065
1.37242604	2.42275542	1.81986189	1.69688186	3.68822183	3.90325695	3.30916264
5.60315292	5.74735829	5.22022901	5.17343333	4.47601619	4.57730889	4.17218749
2.57207396	2.78955616	2.81754001	2.8746273	2.95935889	2.68985069	2.67223309
5.92944443	5.92243525	5.52166187	5.45947807	5.39889653	5.64487612	5.20282359
5.41525301	5.41299708	5.06659014	4.93738668	4.99647095	4.85662433	4.47068126

4.40052807	4.40684703	4.15230832	4.06360358	3.91500604	4.21603491	3.85856454
2.62645985	2.6008274	2.96083607	3.00716089	1.88508926	2.45394704	2.51422259
4.01307565	4.14331805	4.12193605	4.15740164	3.79953058	4.03844248	3.76832369
3.99741618	3.91913063	3.63467835	3.61962485	3.89889967	3.64056377	3.01711164
1.3329254	1.1614292	0.63876083	1.06190516	0.24496797	2.09734046	0.9033276
1.56776266	1.79168568	2.19372207	2.1120217	0.69633267	1.41818667	1.84952165
4.23456113	4.48019217	4.23329642	4.29070225	4.36708568	4.58841516	4.48892394
1.00E-04	1.00E-04	1.00E-04	0.2931584	1.39416975	1.00E-04	0.26077212
2.4983429	2.89043179	2.28524595	2.48251929	2.04204907	3.14356019	3.05199396
1.00E-04	0.32565933	0.16899537	0.1213716	1.75618369	1.6288288	1.21827957
1.41819287	1.85542666	1.12289837	1.1433961	1.50100423	0.26819566	1.43913946
3.66103196	3.67122328	3.71784169	3.7489499	4.16045973	4.37678805	4.21875844
0.92011118	1.86641174	2.06133315	2.0989325	0.75077533	0.75434459	1.54133049
1.71225092	2.06704234	1.95208861	2.07448858	1.70158187	1.14765584	2.56186193
0.62150964	0.58655205	0.39908084	0.47041811	0.81247603	1.00E-04	1.00E-04
0.95912809	1.49262587	1.67199609	1.63795803	1.50030442	1.61963723	1.20081685
1.15379935	2.10384634	1.63219857	1.53095664	3.74794481	4.05162355	3.77743966
4.68933521	4.92132531	4.60666012	4.6750266	4.76650089	5.1476084	4.83612733
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46267859	1.67134337	1.48813703	1.61375961	1.19063816	0.21391561	0.12174474
4.86138225	5.37045634	4.92128466	5.14847024	3.34693915	4.01240923	4.40627966
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.99048067	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26054201	0.85075402
0.18746747	0.50273996	0.12698125	0.31385585	0.67391014	1.00E-04	1.00E-04
1.43045758	2.04979216	1.91138664	2.28439647	1.58475008	1.97144756	1.48809412
5.12888003	4.94363777	4.70001475	4.80143594	3.9881924	4.42660886	4.05265503
0.94080122	1.23369832	0.50537343	0.43443717	2.30638521	0.97863752	0.7267932
0.2704768	0.05503393	0.04663064	0.03979639	1.00E-04	1.00E-04	1.00E-04
0.75008047	0.50697428	0.19085069	0.07384028	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33267273	0.2007688	0.30104832	1.00E-04	0.33938571	1.00E-04
1.00E-04	0.25253074	0.20918116	0.122539	1.00E-04	0.30065849	0.11808513
1.67852916	0.56450237	1.09945611	1.19187915	1.57281382	2.44472851	2.26194058
1.63675619	0.74614862	0.55070465	0.5584223	1.23138434	2.31896226	1.10153266
1.29222358	1.40654303	0.68690003	1.13382007	0.93908725	0.89038083	1.07210894
1.00E-04	1.00E-04	0.18788119	0.16361594	1.00E-04	1.00E-04	1.00E-04
0.89953056	0.51745326	0.40802891	0.5269469	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44730928	0.55782048	0.63115507	1.00E-04	1.00E-04	1.00E-04
0.46895664	0.66430683	0.47561755	0.57419234	3.28153532	2.78339567	2.77614847
1.00E-04	1.00E-04	0.12440322	0.06168195	1.00E-04	1.00E-04	0.44252144
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07999153	1.00E-04	0.14310979	0.17016891
1.62000327	2.09193985	1.2726221	0.8227683	4.1970271	3.19105772	2.86689566
0.35800816	1.25499286	0.6423556	0.80812855	2.85249162	0.16158638	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05752845	0.47422658	0.39057207	0.59953101	1.00E-04	1.33502551	1.24278525
1.00E-04	1.00E-04	1.00E-04	0.04628768	1.00E-04	1.00E-04	0.10785897
1.19311832	1.45776419	0.52001729	0.88213244	0.89994139	2.00256792	0.40242135
0.83830276	0.60143179	0.48374969	0.12985729	2.1554692	2.44076883	1.67946693
0.34569211	0.278181	0.03691625	0.14877687	1.46400851	0.71905043	0.6351209
1.00E-04	1.00E-04	0.10342301	0.07266894	1.00E-04	1.00E-04	0.30959015
0.46978865	0.0856489	0.2382595	0.16971209	0.40912496	1.00E-04	1.00E-04
1.00E-04	0.17396768	0.06849492	0.10287972	0.74910948	0.9202604	1.00E-04
1.0654813	0.55553067	0.80437006	1.05686031	1.00E-04	0.66466271	1.08872897
2.30179534	2.16085631	1.9705647	1.7647259	3.29635868	3.16587625	1.97777423
0.17537753	0.15417483	1.00E-04	0.06313104	0.60156552	0.43958412	0.23785888
1.04354815	1.13701677	1.11364715	1.00658027	1.54509446	1.68560004	1.81001248
1.02347952	1.34545808	0.7885817	0.55712185	1.14885475	0.57040883	0.76096759
1.00E-04	1.00E-04	0.12965496	0.13459275	0.55964322	1.00E-04	0.47773378
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85040616	1.59197246	1.56606992	1.45899218	1.55563346	1.20025304	1.76749613
0.33884663	1.18703996	0.65971785	0.9703263	2.29817367	0.62356344	0.87334658
0.20993402	0.71737077	0.78885903	0.36118567	1.00E-04	0.44093777	2.40314443
1.01355221	0.42131418	0.50858817	0.35407682	0.90097554	0.53331445	0.11565659
1.00E-04	0.46741535	0.23887184	0.60908215	0.74880241	0.9278283	0.09760498
0.57290737	1.00E-04	0.19443367	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61693793	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3801008	0.09613987	0.11331484	1.00E-04	1.00E-04	0.11565659
1.00E-04	1.00E-04	0.19334187	0.10571552	0.54370492	0.6634313	0.50706663
1.00E-04	0.87923927	0.25524485	0.31113463	3.06330011	1.75346842	2.44314877
0.1874069	0.84128825	0.14004042	0.25076645	1.00E-04	0.50914256	1.00E-04
0.30064046	0.58654846	0.33095419	0.40186831	1.75618369	3.25047565	2.26930604
3.80564375	3.46228866	3.30529992	3.3569359	1.42993963	0.75831254	1.50617735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.08011905	0.46103304	0.31777099	1.00E-04	0.28241755	0.2166229
1.00E-04	1.00E-04	0.07470379	1.00E-04	1.00E-04	0.11293056	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.32471401	3.45325957	3.13658983	3.09698601	0.44340029	0.61440337	1.58731903
2.38306962	2.4851123	2.37118914	2.34404602	2.07566569	2.55998736	2.79101573
0.52769583	0.93147522	0.45863523	0.35080126	1.00E-04	0.56881527	1.06560099
0.88303045	0.75263238	0.39487025	0.2467653	1.00E-04	0.45330561	0.14835414
1.2836985	1.26486428	0.67563952	0.90572217	1.13718497	2.59243058	1.00E-04
2.69574748	2.54672832	2.80026344	2.90677897	2.29848283	2.06253064	2.77476945
1.00E-04	0.28058483	0.60865853	0.30180858	1.00E-04	1.00E-04	1.00E-04
0.34058254	0.70411722	0.43824628	0.29879475	0.65823999	0.48660988	0.23378191
2.503893	2.82854581	2.57809869	2.61037981	2.52532678	3.63128193	3.57044551

1.10477132	1.5787366	0.80334638	0.920228	0.56063254	1.10518559	0.70891165
0.40559899	0.28739561	0.389087	0.62499166	1.49895681	2.45654232	2.57132895
1.00E-04	0.39385959	0.18444242	0.14963004	2.20607968	0.78800597	1.00E-04
1.03097545	1.43318027	1.50545088	2.04380234	1.98111411	2.43937136	2.24492763
2.65681852	2.7319997	2.87079162	2.83000544	3.07953997	3.62510424	4.0975976
1.00E-04	0.2013618	0.10459072	0.05371548	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28804546	1.00E-04	2.31280678	1.44456719	0.70906716
0.56933862	0.23491385	0.18856505	0.36505919	0.75313086	1.18958516	0.07440699
2.83586496	2.89876522	2.93720728	3.1772625	6.54754295	6.50825346	6.18982777
1.9349724	2.7533356	2.64642135	2.77828966	2.22780115	2.57372727	2.69202912
1.00E-04	1.00E-04	0.04549493	0.1784512	1.00E-04	0.41285312	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05041177	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20672136	0.05465628	0.05631293	1.00E-04	1.00E-04	1.00E-04
0.18570691	1.00E-04	0.18173627	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33179313	0.08917436	0.1580635	1.00E-04	1.00E-04	1.00E-04
0.82460368	1.05890362	0.6432971	0.79356426	0.40674922	1.67812677	0.81234385
0.45783241	1.14679689	0.8480735	0.99714917	2.1192455	2.20684029	1.72260238
2.59261611	3.04784822	3.03611849	3.05579018	2.39198932	2.23751104	2.74416371
1.02559708	1.28794228	1.66157368	1.81562905	1.71763522	0.56745769	1.52108849
2.05277821	2.35259131	2.70252333	2.63354263	3.45297291	2.90294696	3.89196704
3.15039628	3.34492421	2.93004307	3.05074778	2.69098416	3.27993748	3.26432281
1.00E-04	0.16185034	0.43873123	0.40401538	1.00E-04	1.00E-04	0.5123444
1.00E-04	0.30789576	1.00E-04	0.19577237	1.00E-04	1.00E-04	1.00E-04
1.60256618	1.96632179	1.33120746	1.80493427	1.74218262	2.09737233	2.03364716
1.72047126	2.1175735	2.0644491	2.23707665	0.96530583	1.32320252	2.12054345
2.81610636	2.91514232	2.97212672	3.12534782	3.10586845	2.96837716	3.11372076
1.00E-04	1.00E-04	0.02568114	0.17680406	1.00E-04	1.00E-04	1.00E-04
2.49629602	2.46578205	2.12425312	2.31626121	2.44174551	2.10344163	1.9360829
3.8535054	4.32350913	4.19691387	4.23123867	2.96887266	3.71058799	3.95287919
1.33134007	0.77737496	1.07033226	1.71346655	0.55964322	0.93664613	1.61607586
0.44962844	0.72065523	0.62303918	0.60766544	1.53666855	0.88919029	1.35943568
1.00E-04	1.00E-04	0.05790389	0.06348959	1.00E-04	0.28191199	1.00E-04
2.24246602	2.64823825	2.63697172	2.65543244	3.59436607	3.70221769	3.58142195
1.61026681	1.71349357	1.93129126	1.94429609	1.85670469	1.24735566	1.69792256
2.21203118	2.26671466	2.14867217	1.99580783	1.22849264	1.37598819	1.7342608
0.4955516	1.00E-04	0.11348887	0.27819485	1.00E-04	1.00E-04	1.00E-04
3.50706077	3.44118679	3.19560267	3.17412051	2.91390153	2.83801952	2.83928972
2.65971896	3.26008983	3.79736356	3.86548461	2.42923616	2.95226497	3.84264131
3.45538314	3.88137064	3.87459264	3.8959068	3.82775846	3.93732453	4.00262527
1.68111628	1.81452102	2.13632724	2.1156358	0.74849138	1.14074518	1.30028064
1.00E-04	0.57131792	0.47176348	0.74289618	1.00E-04	1.00E-04	0.75010677
3.9269036	4.17590336	3.79934455	3.75828818	4.27662252	4.44283767	4.3078147
3.40645562	3.69040702	3.63958846	3.70861721	4.00902591	3.83427303	3.88280241

5.63845142	5.85529574	5.38624089	5.32239403	5.74657429	5.98524413	5.45985742
4.58375066	4.62038028	4.33639739	4.3421108	5.11125964	5.30878407	4.74056047
4.27642703	4.1663416	3.90020108	3.9367831	3.96662773	4.10399636	3.61790437
4.79792533	5.04415193	4.62269271	4.51438008	5.22747076	5.43882181	4.94094665
3.75509738	3.9469791	3.60947879	3.63730731	3.6730459	3.77900625	3.81564463
4.07824758	4.20757251	3.94477584	3.92827494	5.04721689	4.99761242	4.6536394
5.93807198	6.04831105	5.55180558	5.41918192	6.57502599	6.67138776	6.16248702
0.36277351	0.41222437	0.4254555	0.27104625	1.00E-04	0.48223421	0.4552762
4.73825721	4.86737348	4.60734069	4.60540318	4.50312508	4.7483171	4.18444484
3.89983951	4.20639376	4.17702203	3.83868102	3.69790696	3.81058423	3.37674911
3.92196419	3.99634708	3.62816572	3.70219975	3.94352829	3.90360011	3.46749078
2.61701807	2.63225903	2.70624107	2.86791783	2.53816218	3.2062837	2.8429603
5.7169241	5.83209186	5.36578742	5.22325368	5.70952297	5.85857558	5.47166118
2.91326946	3.03210855	2.80727596	2.73556596	3.29410136	3.39665951	3.44677575
4.77113353	4.70328992	4.43222092	4.29243567	4.98042595	4.9092508	4.82456673
1.48182951	1.64001405	1.32784998	1.23455203	1.33832467	1.45252907	1.09544024
1.00E-04	0.24191202	0.09754256	0.13054887	2.16385565	1.00E-04	0.53213879
3.47848132	3.74796148	3.40894236	3.55361375	2.78776777	3.27285746	3.10412685
2.60921927	2.93941721	3.10142661	3.1745872	2.44965875	2.88836371	3.0894363
3.52726801	2.87658164	3.20557556	3.28450417	4.27776909	3.50019138	3.62825748
4.86875314	3.89363873	3.79838928	3.48748206	5.0576548	4.49143936	4.32107975
3.77839992	2.859399	2.95060324	2.95670499	4.33242332	3.38364096	3.23552642
7.13493566	6.74549786	7.14196516	7.13575435	7.31173997	7.33290448	7.71659649
4.87516133	4.08687727	4.25466337	4.29753927	5.12805064	4.65016675	4.74222476
5.17240241	4.9638913	5.33528283	5.24917486	5.5489664	5.54810428	5.91126583
8.41785371	7.96877826	8.32534646	8.18766585	8.5444243	8.41568781	8.82271109
7.42674536	7.2412039	7.62966872	7.62503389	7.42635439	7.69481482	7.93192524
4.91798543	3.6153773	3.78988635	3.9453783	5.17256443	4.14542665	4.02918771
8.29445066	8.03610383	8.41808241	8.29208398	8.30067991	8.51198717	8.83416187
7.24235122	6.97062772	7.41073851	7.34291992	7.46881405	7.58002049	7.98181459
7.34289132	6.95374182	7.22849224	7.13779689	7.65025089	7.37799587	7.69166565
7.40075152	7.1538058	7.42687701	7.28599139	7.77045234	7.6957054	7.97604179
10.6522422	10.4828077	10.7272334	10.7174265	10.7723323	10.836508	10.8602342
8.75099334	8.66902483	8.79651475	8.90944975	8.7963408	9.00338729	9.04129381
1.06331029	0.95272387	1.33656462	1.49590457	1.48709299	1.07371946	1.34940219
0.464358	0.0723876	0.29056278	0.48684278	1.43338795	0.67917792	0.9929311
0.42339233	0.08147274	0.02924646	0.17845163	1.00E-04	1.00E-04	0.73976541
1.01880227	0.51079057	0.47743715	0.40767373	0.64137104	0.62757209	1.00E-04
1.00E-04	0.48835728	0.5035508	0.3975742	1.22804681	0.22941088	0.22681224
1.00E-04	0.24616494	0.0586116	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02473987	1.38738552	1.61989087	1.8173763	2.06825046	1.26530419	1.33325568
1.00E-04	0.46553459	0.42597482	0.28656961	0.52105756	1.01105444	0.5553504
1.00E-04	0.13619559	1.00E-04	0.1152319	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.61721241	0.0678181	0.16202166	1.00E-04	1.00E-04	1.16904543
1.00E-04	1.00E-04	1.00E-04	0.09507141	1.00E-04	1.00E-04	1.00E-04
1.46946341	1.64538341	1.8627977	1.81746793	2.26537542	1.3340541	1.29337538
0.63308275	0.25442966	0.1832403	0.07036341	1.00E-04	1.00E-04	0.1362077
1.16542738	0.41533473	0.34538113	0.44444003	1.32781233	0.38831064	1.00E-04
1.07600856	1.37295392	0.7943429	0.47835638	1.16422476	1.37146012	0.23378191
1.74120192	1.49408748	1.43899099	1.54018705	1.00E-04	1.99389471	1.2164398
3.63050727	2.90160004	2.98547524	2.79042397	3.75101077	3.31695226	3.36212189
1.00E-04	0.3918354	0.31381993	0.54675794	0.84693054	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07821298	0.06493528	1.00E-04	1.00E-04	1.00E-04
0.2779322	1.00E-04	0.10518619	0.31007173	0.69094647	1.00E-04	1.00E-04
0.47475888	0.3162132	0.1022688	0.10931751	1.70418008	3.25615219	0.98839063
0.86523811	1.49178164	1.31232906	1.48399689	1.73669719	1.27377373	1.57279669
0.31354241	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.89246764	3.95513588	3.56336347	3.67559026	4.04586147	4.07680892	4.06847997
4.42652877	4.70254604	4.72934362	4.87546198	4.51546899	4.21516225	4.60462833
0.62137974	1.45153101	1.24642348	1.59499031	1.61329903	1.62657248	2.21518189
1.00E-04	1.24213872	0.51892561	0.89691896	3.81258986	3.74359313	3.65426748
1.81998752	2.04673309	2.68745149	2.67364143	2.45843419	1.59212156	2.17466991
2.76493723	3.04324758	2.77615596	2.83022155	2.37360364	2.95407048	2.60877166
2.59459995	3.08299404	2.87758768	3.02323807	2.72462392	2.30244977	2.69904921
3.9408568	4.20574114	4.53403068	4.72411695	4.04724204	4.75255689	4.65320141
3.93901297	4.25291437	3.79604181	3.94680302	4.40585536	4.27086114	3.94327752
4.7337741	4.88333742	4.46450653	4.40753347	4.3046754	4.53369357	4.23153072
2.69583468	3.05661316	2.80880902	2.59358062	2.43237538	3.27965837	2.40794582
3.95836602	4.12332698	3.69128206	3.82702276	4.46918827	4.3119361	4.25552529
4.15337155	4.4035122	3.98842589	3.9784566	3.81673832	4.47642914	4.08172667
1.41109198	0.82352451	0.69062873	1.59363567	1.00E-04	0.57096384	1.10786162
2.72909806	2.87333092	2.6116879	2.597574	2.703035	2.34168836	1.88442447
3.8064294	3.99340704	3.44374143	3.24295692	4.01614938	4.07503931	3.78832906
3.37736414	3.687263	3.17309111	3.33558456	3.62370489	3.89881898	3.60718135
3.69138525	3.72707279	3.51810005	3.4097779	3.62821352	4.18528674	3.57579973
3.01945942	3.44660066	2.62568149	2.89259328	3.4794087	4.09137901	3.9920431
1.76213078	2.27587054	2.11505074	2.03577175	1.9161333	2.58521973	2.37656171
1.00E-04	0.77739711	0.22773462	0.20425968	1.00E-04	0.39173741	0.20283809
2.39073456	2.50066378	2.42824659	2.54623809	3.18152791	3.19312575	3.5440468
5.55933004	5.55548891	5.13029858	5.03702115	5.03068866	4.98602979	4.62182591
3.16778641	3.46716712	3.60979513	3.52185745	2.48504783	2.78474875	3.35270242
3.55198665	3.64400702	3.29106988	3.5011876	4.41404704	4.42665694	4.05694658
3.01262843	2.82551691	2.8183372	2.66546117	2.30671276	2.49481907	2.69765287
1.00E-04	1.00E-04	0.15649916	0.06871963	1.00E-04	1.00E-04	1.00E-04
1.74259636	2.34635668	1.45978972	1.45080719	1.13311132	1.96267298	0.91054629
0.77149662	1.11060928	1.15656418	1.34654518	2.03739452	1.36536337	1.04468543

2.70718675	3.41937492	2.4525688	2.29535355	1.41498504	2.58607996	0.41772733
4.93037901	4.89223268	4.71369606	4.65788712	0.61856275	1.2863738	1.8990418
0.37643575	0.5985327	0.23660435	0.56460866	1.00E-04	0.54747751	0.37440717
5.22569313	5.41394946	4.91622619	4.97222209	4.81051215	5.42563016	4.96381215
1.00E-04	0.77899552	0.72829188	0.85887776	1.00E-04	1.26631484	1.00E-04
1.55896508	1.75808904	1.05782579	0.86072152	1.64222774	0.53672067	1.00E-04
0.67701195	0.46362436	0.30128634	0.36642337	3.82550299	3.4219593	3.19002472
3.07794183	3.43413258	3.00629658	3.12306094	2.67618272	3.12715602	2.70016203
0.66388982	0.90296557	0.72450916	0.64830443	1.00E-04	0.35770721	0.92236003
5.12383272	4.95543734	4.7516724	4.75375693	3.51476029	3.66526565	3.02210226
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87234345	3.27559245	2.81108116	2.88293773	2.37855181	2.6308797	2.59330388
3.51466483	3.56016391	3.28883129	3.02691958	4.37805558	4.4274516	3.80448369
0.78926203	1.76024802	1.34274782	1.5705841	1.09411116	2.3330008	0.88208354
2.28030151	3.04167456	3.35650514	3.35903838	2.27299666	2.22977125	2.95732581
4.79080396	5.08784895	4.47775228	4.56285929	4.97378621	4.70923909	4.40888795
4.80158111	4.8888049	4.50890515	4.60611877	4.11610709	4.35414211	3.97619893
1.90248567	1.34239808	1.75927089	1.7776136	1.40697812	1.41114753	1.99571802
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49239477	2.37275552	1.94169097	2.19695899	4.75944745	4.57740732	4.62419526
5.00395814	4.97336343	4.51576442	4.62956766	5.02743841	4.98140744	4.88362227
0.55840735	0.78205247	0.62312012	0.62489423	1.00E-04	1.49983818	0.98669981
0.90547182	0.28414553	0.88858652	0.75072921	1.83056894	1.72824634	0.78465566
3.68886405	3.81863939	3.53011621	3.53675876	4.46541254	4.56963462	4.16473676
0.26681589	1.31586459	0.47129248	0.68571303	1.67169939	0.84540148	1.15520206
1.29777292	1.91032461	1.16996974	1.28213994	1.91810891	1.62333395	1.71325443
1.00E-04	1.06378769	0.22471546	0.14568352	1.00E-04	0.5864982	1.00E-04
1.00E-04	1.00E-04	0.10824812	0.1165144	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07925372	0.04715381	0.0452755	1.00E-04	1.00E-04	1.00E-04
4.62497114	4.80581551	4.37058751	4.33354357	4.72478831	4.81178698	4.96788749
3.5038282	3.6672001	3.42037659	3.61192299	3.53120188	3.67090251	3.45387587
2.19399826	2.52578533	2.3375806	2.09451656	1.32633557	2.32436626	2.28410386
0.4464704	1.14614929	0.62335239	0.65465796	0.65910354	1.00E-04	1.00E-04
4.07600388	4.13426806	3.93700159	4.13074063	3.48484584	3.93491582	3.66025765
2.10099174	1.68412475	1.52242147	1.60019581	3.25587628	2.64883672	1.25467346
4.33825595	4.28099548	4.09627405	4.08499355	3.649076	3.19391714	2.9138813
2.37970275	2.18872116	2.17842116	2.34422308	1.92737951	1.9044354	1.85166729
2.1155102	1.27497493	1.783206	1.55910443	1.18370714	1.71227616	1.85073711
0.58913739	0.9900136	0.8316065	1.05059871	1.02670725	1.51692573	0.66026044
0.16166602	0.33299729	0.12882625	0.26826226	0.41241033	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72791975	1.91236362	1.82084875	2.78453139	1.00E-04	2.08528182	0.53962057
2.50474918	2.70548768	2.39363331	2.26668621	2.52043354	2.96586124	2.75069603

4.71998878	4.81430334	4.72490643	4.82071476	4.14310638	4.5130998	4.45010793
0.85618082	1.07672756	0.56916464	0.41249559	0.38488463	0.98316073	0.93582344
3.68237522	3.94389085	3.61092937	3.68385704	3.62992456	3.61906842	3.67234372
3.71652049	3.97618446	3.43603964	3.35203659	3.40093262	3.86443061	3.6982491
2.89483246	2.53588895	2.20133302	2.53963158	1.08049141	1.16729501	0.43767946
0.66011468	0.70488554	0.52792942	0.80647762	1.00E-04	1.00084624	0.31424664
0.27051899	0.14339731	0.294068	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.83133562	0.62186961	0.69478258	1.15093088	0.35498049	0.34861727
4.84382951	5.22267899	5.07045925	5.16409285	4.77334304	5.04836067	5.16430283
2.63078139	2.35689075	1.39705053	1.78696372	1.00E-04	0.62543091	0.49781009
1.13970707	0.98842676	0.64108161	1.19753574	0.73269222	1.97304626	1.17972355
1.64237978	1.16446533	1.63075326	1.26770468	1.00E-04	0.26819566	1.00E-04
1.97767925	2.47169	2.62660745	2.38384938	1.98573076	1.99480703	2.40209358
4.0716859	4.16159189	3.77734292	3.85938217	3.95839137	3.93730557	3.81841363
1.71912448	1.70087046	1.89173413	1.43087057	2.12582082	2.19632292	1.18277976
1.57740186	1.45559439	1.3854385	1.61879803	1.00E-04	0.71830342	0.827683
1.56982398	1.48361035	1.17291427	1.49049089	1.00E-04	1.00E-04	0.2166229
2.88845461	3.17082433	3.48128888	3.34719768	2.79441571	3.06102043	3.180598
1.00E-04	1.00E-04	0.4700582	0.25343728	1.00E-04	1.00E-04	1.00E-04
0.25385769	0.2661941	0.15147511	0.13099044	1.00E-04	1.00E-04	1.00E-04
0.66943871	0.2661941	0.06850915	0.05370516	1.00E-04	1.00E-04	0.16885696
1.00E-04	0.33725556	0.31204777	0.35121135	1.00E-04	1.00E-04	1.00E-04
1.30377833	1.1578341	0.87921475	0.68236958	1.99749939	2.0080237	2.45516633
1.00E-04	1.00E-04	1.00E-04	0.05561815	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68402006	0.47091587	0.51178823	0.65910431	1.00E-04	0.2496013	0.93414103
1.00E-04	0.18478434	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14349904	0.1353038	0.11414985	1.00E-04	0.2496013	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06969655	1.00E-04	1.00E-04	1.00E-04
0.64691494	0.50222057	0.36341797	0.21292976	1.68432568	0.27261609	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.69655561	2.99324345	2.43483415	2.36232155	3.46399585	3.0967253	2.59255733
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14170192	0.31442111	0.22474989	0.33365676	1.00E-04	0.58772924	0.49855812
0.79021423	1.09029582	0.70486386	1.11149423	1.00E-04	1.02853905	1.00E-04
1.00E-04	0.63299483	0.21257627	0.24470576	1.00E-04	1.00E-04	1.39000851
4.45726121	4.57314358	4.31764276	4.33378365	4.29339024	4.65318379	4.09935877
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99590122	0.39108434	0.72748703	0.51802895	0.51366621	0.11293056	0.18401526
5.0209439	4.97475639	4.73884217	4.72514846	4.9496652	4.77430253	4.51521403
1.98047535	2.51247685	2.05939662	2.38678683	1.19915073	2.32254938	1.88985843
1.00E-04	1.00E-04	0.2380866	0.16846388	1.00E-04	1.00E-04	1.00E-04
2.34635009	2.44981009	2.19238884	2.35663366	2.30232818	2.47635273	1.84047434

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.52187226	2.64007473	2.67362394	3.03475012	2.99700354	2.72837496	3.11851466
2.74667465	2.87488357	2.66022572	2.83267332	3.1062346	3.72777397	3.52685108
6.55987207	6.62628132	6.19442917	6.17707375	6.69397438	6.64545034	6.1213573
4.99630475	5.06835709	5.23427643	5.07883093	4.92472345	4.91430103	4.78590563
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37554231	1.00E-04	0.36596036	1.00E-04	1.00E-04	0.79005741
0.5966223	0.50109467	0.42901346	0.61250412	0.98388902	0.36174581	0.95857565
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.13536849	3.64653029	3.64477978	4.14218976	4.66115506	5.36505904	5.33617686
2.87573447	3.36323824	2.87667126	3.05946884	3.07384214	3.90832704	3.56560671
1.54257341	1.76357992	2.34863489	2.33217265	1.01354194	2.30924041	3.17820682
1.09203439	1.33244386	1.01061977	1.15376467	0.67681892	1.39984957	0.66955595
5.77105781	6.00491948	6.06054158	6.03201923	5.44304893	5.75679103	6.05609115
2.985667	2.98161607	2.45228349	2.93606636	3.07311353	3.20723117	3.14447884
2.92001361	2.84028245	2.6576208	2.8455233	1.90166765	1.26908205	1.50817989
3.03029652	2.72842935	1.99399685	2.27062081	1.10759837	1.5996902	1.00782166
2.50771387	2.80561735	2.65210437	2.7405295	3.62315301	3.89115084	2.88276994
4.26537115	4.36687934	4.04195936	4.16764428	4.57383279	4.62434601	4.097812
3.73950945	3.88388722	3.9358127	4.05266851	3.66078772	3.40045613	3.76189268
3.24333383	3.33176459	3.45155917	3.45352134	3.0782774	3.21692351	3.12367501
3.89343634	3.60837784	3.46438186	3.38443804	3.90842759	3.42572287	3.02566471
1.00E-04	1.00E-04	1.00E-04	0.11990703	1.00E-04	1.00E-04	0.31673793
1.00E-04	1.00E-04	0.04622993	0.17345438	1.00E-04	0.36619253	1.00E-04
1.00E-04	1.00E-04	0.07254948	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48158351	1.55237075	1.77089213	1.48324781	0.70997801	1.51695199	2.97735326
1.00E-04	0.48228477	0.65818879	0.38563593	1.04823799	0.78673159	1.26659773
1.00E-04	0.51961874	0.2985546	0.33972999	0.7010925	0.52116577	0.19293133
0.54146172	1.78522724	1.37604042	1.47969519	1.27160882	0.33235459	0.77771245
2.96686178	2.84775481	2.67051357	2.81073395	2.70389022	2.87413002	2.50240536
3.35169877	3.55682973	3.18352475	3.11917645	3.20993484	3.611055	3.25443696
1.29327592	1.26144902	0.88909273	1.20682722	3.23295918	2.24759333	2.1489015
1.00E-04	0.60549939	0.0560925	0.20238444	3.4647683	4.35286501	3.50566045
2.79378784	2.99333536	2.59330231	2.36112993	3.1097302	3.43086743	3.40051748
0.6755604	0.69807175	1.15774347	1.15361312	1.02998096	0.67086041	0.38347681
3.87346603	4.06436007	3.67044124	3.60418769	4.02208107	4.47861251	4.1518321
4.77430496	4.89810157	4.54150519	4.48592363	4.80880679	5.16983533	4.52541287
3.2737386	3.21416029	3.16041256	3.35766182	3.38138776	3.17265644	2.67628043
2.42481668	2.71093557	2.64255677	2.90947347	2.15622155	0.34591941	1.40561055
3.08282169	3.57004333	3.13088974	3.15452911	2.76285281	3.41373914	3.57334883
1.00E-04	0.17357925	0.06263728	0.05194837	0.35320673	0.21699698	1.00E-04
4.7122766	4.83609174	4.55478875	4.3896855	4.97147809	4.99863876	5.00766911
1.83226803	1.82588339	1.41619257	1.29081168	3.07049948	2.80549546	2.12197568

1.69720383	1.77416931	1.21466261	1.25436355	2.04168815	2.27988993	1.12945782
4.06691199	4.5997436	4.23910228	4.25097855	3.99011658	4.49132255	4.28464171
1.14495648	1.32115937	1.10242169	1.22184105	1.81952895	1.36448779	1.97043446
0.97595323	1.13475554	0.84741657	1.25655935	2.300886	0.72683445	0.67846114
0.89912314	0.06489235	0.30861574	0.34828262	0.53515803	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80322687	2.24848675	2.02061284	2.10957457	2.85095792	2.7226747	2.4619071
1.00E-04	0.41973309	0.15628515	0.1259568	1.92585259	0.86714891	1.17797965
0.81725221	0.36092921	0.04646953	0.16930488	1.00E-04	0.61786682	1.00E-04
2.56402217	2.30329846	2.22996615	2.22129628	1.56947359	2.39712379	2.03474387
1.00E-04	0.3342523	0.60262681	0.46180007	0.43090184	0.74646673	0.30302762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36639198	0.51731421	0.27130718	0.32948363	1.01493203	1.13802118	0.49683657
2.97380934	3.2587138	2.82172145	2.84465361	2.54560371	3.1073713	3.00879807
3.14655017	3.07978669	3.1012443	3.51298923	3.827371	3.99324887	4.07737737
4.24586119	4.30329988	4.09008041	4.0436077	5.14477531	5.27964447	4.68431135
3.21901834	3.43957707	3.13164814	3.26192109	3.09281356	3.4095577	3.52550302
3.67258212	3.86049621	3.59760647	3.65089159	3.61187942	3.72765699	3.1047988
3.2701027	3.19820734	3.1964759	3.44726544	2.84040844	2.60382164	3.04470283
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26689949	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66388982	0.17895859	0.15757111	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18605548	1.02300634	0.51963768	0.41984425	0.50488113	0.19146001	1.17456125
1.00E-04	1.00E-04	1.00E-04	0.07974042	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23508788	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.61561732	0.08235603	0.32670919	1.00E-04	0.29937888	0.07440699
0.58161743	0.25758173	0.04861981	0.11339816	1.00E-04	0.25950361	1.00E-04
4.30726674	4.57645895	5.51486826	5.67427245	1.00E-04	0.81478032	1.54437024
2.84510255	3.23323552	3.82915405	3.12581569	1.59887255	1.00E-04	0.93066264
0.92930913	1.2444917	1.93728417	1.84274418	1.00E-04	1.00E-04	0.3392339
1.10542543	2.35563055	2.49691659	2.78214287	1.00E-04	1.00E-04	1.00E-04
3.7750429	4.08744095	4.6453155	4.69827996	1.00E-04	0.58826636	1.00E-04
2.02569712	2.83715443	3.02972353	2.45107492	1.00E-04	1.34819268	1.27462969
0.44798529	0.79292765	0.87328759	0.4067249	3.6945119	3.68986805	3.40217566
3.42016373	3.4873991	3.52037297	3.43550054	1.00E-04	0.98684748	0.58787192
1.00E-04	0.16464452	0.39518729	0.2404612	1.00E-04	0.06695938	1.00E-04
1.00E-04	0.8608295	1.04875333	0.62030043	3.40404386	3.81012777	3.71347717
5.80769649	5.80623632	5.60374743	5.63368826	5.27651544	5.47140332	5.22759957
3.51809075	3.86726099	3.67940283	3.64252069	3.31091214	3.49770683	3.55127199
6.30523212	6.41329147	6.03371802	5.88925243	6.65735893	6.70163108	6.32758058
4.14348554	4.08102141	3.7539969	3.69079269	4.10918765	4.07669732	3.58392979

5.81929593	6.08680423	5.77505016	5.77531797	6.15494239	6.29637168	6.03396503
3.13219448	3.31420017	3.36782805	3.30909159	3.64360484	3.40710146	3.52442063
4.83579535	4.81954406	4.62521962	4.62220038	4.73089126	4.86026334	4.51512148
1.59461755	1.43829134	1.32909441	1.23389103	0.61235854	1.2566902	1.19554548
1.00E-04	1.00E-04	0.11565397	0.05154599	1.00E-04	0.14939575	0.22791456
1.00E-04	1.00E-04	0.15248618	0.12402121	1.00E-04	0.35874068	1.00E-04
1.00E-04	1.00E-04	0.05235815	0.0894091	1.00E-04	1.00E-04	1.00E-04
2.24912318	2.14470503	1.75117145	1.77646906	2.91391592	3.21917352	3.09391041
2.42594121	2.64978868	2.74857594	2.8231353	1.46121939	2.06364371	2.95990155
1.01299938	1.59552247	1.16807454	1.09357686	1.25695286	0.93252452	1.11368275
1.25603878	1.37361929	1.10721718	1.10786599	1.0001512	2.04831156	2.13281568
4.72348921	4.88161231	4.47090772	4.4970663	4.54869332	4.62673902	4.39363203
2.58111544	1.90753797	2.42902374	2.46752131	1.745053	2.14294583	2.25934874
4.35984488	4.47042113	4.21804529	4.24601468	4.17876169	4.63901139	4.16446968
4.84748121	5.00471632	4.78281584	4.80575312	4.81249768	5.0907475	4.68738862
3.10476477	3.29075296	3.06014951	3.07774793	3.47034376	3.95503538	3.6499922
2.91941069	3.12471092	2.82427612	2.70606697	2.5580866	2.92541469	2.4799089
1.00E-04	0.16133377	0.25371607	0.13519745	0.63609922	0.42698816	1.00E-04
4.52834432	4.93972706	4.58917294	4.64874153	4.49181514	4.86389718	4.51767894
1.74946345	1.64790192	1.52351016	1.54876474	0.61856275	1.59467976	1.37718
4.34032247	4.59118411	4.65058531	4.72296234	4.66073815	4.93162655	4.82999014
1.86927895	1.04005906	1.17986816	1.58383512	1.14252367	1.75832793	1.78364005
1.72014433	1.90274803	1.75506724	2.08971478	1.53430768	1.98065985	2.05232332
1.00E-04	1.00E-04	1.00E-04	0.1252294	1.00E-04	1.00E-04	0.09464396
3.31423143	3.39474415	3.40115853	3.38884663	3.32994446	3.70768819	3.47560281
3.30974635	3.25094138	3.57059288	3.65906305	2.8457316	3.36459361	3.48154796
0.60337946	1.04989357	0.68735316	0.74427928	0.6397631	1.39533807	0.30959015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51191273	2.66480311	2.6679432	2.69264669	2.17050953	2.66530107	2.6632454
4.12792005	4.26826358	4.01769804	4.1495399	3.85077221	4.03823505	3.97954627
3.06638012	3.41014837	3.82933608	3.82909901	3.19853621	3.47354126	3.79497527
2.73683284	2.50388034	3.71094568	4.03529616	2.48085494	2.59805453	4.19032538
1.00E-04	1.00E-04	0.46989284	0.27063425	1.00E-04	1.01580862	0.43823972
1.00E-04	0.21304752	0.18875779	0.2496167	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20815834	0.08603878	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18597553	0.3550482	1.00E-04	1.00E-04	0.30880053
1.00E-04	1.00E-04	1.00E-04	0.12582474	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10872686	1.00E-04	1.00E-04	1.00E-04
1.2090237	2.03700957	2.05563705	1.63971048	1.4718588	1.91410758	1.92608422
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14690468	0.34705046	1.00E-04	0.48931103	0.1362077
0.23936956	0.67949556	0.30429863	0.66051625	0.47257629	1.00E-04	1.00E-04
0.17537753	1.00E-04	0.56324266	0.66804233	1.00E-04	0.32800835	0.84194576

1.00E-04	1.00E-04	0.12423004	1.00E-04	0.40975599	0.33921206	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16051375	0.15106498	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21315959	0.5828844	1.00E-04	0.14310979	1.00E-04
1.00E-04	0.39984404	0.15488609	0.17344328	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87675795	0.81890984	0.75221587	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33824745	0.28170394	0.07806946	1.00E-04	1.00E-04	0.4749709
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.28985317	4.4635241	5.56508546	5.71939377	3.73405256	4.06099863	5.27563153
0.6316036	0.86578992	0.82130029	0.96762405	1.4592281	1.00E-04	0.68232184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.24166293	4.40874993	3.92876018	3.63671336	4.57868428	4.92347549	4.17883891
0.8112953	1.41347128	0.5048168	0.82137026	0.44340029	0.43070109	0.70578749
1.20181775	1.24325744	1.53592016	1.33886394	0.54370492	0.84416792	1.2909659
5.29334511	5.49156882	5.22167179	5.31676941	5.19970115	5.36894677	5.22363627
2.64565427	3.17508299	3.23756554	3.48876306	3.02083079	2.91509653	3.00828688
1.00E-04	0.21891651	0.15563784	0.14247327	1.00E-04	1.00E-04	0.23893483
0.80839847	1.62393931	1.11311832	1.01511009	0.38091442	1.48525709	0.52927527
2.9511544	3.16703095	2.74814049	2.85121041	2.8546792	3.28865531	3.34866329
2.31884795	2.72387341	1.89573832	1.57056756	4.928064	4.98712704	4.68192542
0.39998723	0.23508788	0.1782315	0.28246933	0.84379078	0.28215124	1.00E-04
1.00E-04	0.14842698	0.17125976	0.06032394	1.00E-04	1.00E-04	1.00E-04
2.20097217	2.30030127	1.93699054	2.10420833	1.52996617	1.59075816	2.26639276
0.56739183	1.06211566	1.49430747	1.51712234	1.28290728	0.59302202	1.3892106
1.42447724	2.10041117	1.76026828	1.6984925	2.66866271	3.07004886	1.70964056
3.25884784	3.13838671	3.10389023	3.00907714	2.98729719	3.180078	2.40260002
4.41709839	4.5147723	4.3358584	4.19245483	4.63974861	4.97651901	4.57620167
1.09158917	1.5623221	0.84121859	0.9337804	0.54258268	1.31277211	0.85729507
1.8754953	2.02418351	1.78543388	1.99551554	3.56318575	2.40724426	1.81038446
1.00E-04	1.00E-04	0.0369924	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.15827494	3.20742759	3.42466504	3.37215352	3.33683208	4.08070647	4.31901933
1.50896131	1.42236827	1.86467572	1.84800467	1.89027542	2.21839554	3.06212626

0.21097841	0.1008123	0.16884153	0.09636901	0.35320673	1.00E-04	0.14701138
0.48527668	0.27157786	0.13604708	0.20214672	1.09183571	0.78747441	1.00E-04
2.67103931	3.60271436	4.00676829	3.56674326	0.4683059	0.65702977	0.92897841
2.68611314	3.30589581	4.23012871	4.2809184	2.69772258	2.90775798	4.15656718
1.00E-04	1.00E-04	1.00E-04	0.14187619	1.00E-04	1.00E-04	1.00E-04
0.28742455	0.14608996	0.10068025	0.17697541	1.00E-04	0.36619253	1.00E-04
0.21749776	1.0393314	0.66807187	0.52135035	1.00E-04	1.12023143	0.64009817
2.18310288	1.76700954	1.61092988	2.09612915	1.00E-04	1.09513611	1.69406408
1.00E-04	1.00E-04	0.34608695	0.27151306	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.156514	0.07935543	1.00E-04	1.00E-04	0.13723188
2.13625303	1.91680339	2.27118904	2.36608664	1.79226351	1.36504338	1.87053895
0.61453032	0.66714709	0.907882	0.82476235	0.6891078	1.52388246	1.49330896
1.00E-04	1.00E-04	0.19236696	0.30222166	1.00E-04	1.00E-04	0.67221459
1.00E-04	0.12292471	0.13541679	1.00E-04	1.00E-04	0.59411957	1.00E-04
1.00E-04	0.77411798	0.17468502	0.28750438	2.29637554	1.08488117	0.77660338
1.00E-04	0.24755536	0.51808437	0.2777691	1.00E-04	0.16158638	1.1427646
0.23904013	0.49924719	0.23352743	0.22004324	1.00E-04	1.31581948	0.14701138
3.96598188	4.39066382	4.45110846	4.45676781	3.5803611	3.94637218	4.41359893
3.34353225	3.67477582	3.66162583	3.65380237	3.42149001	3.7022404	3.83137295
2.44667265	2.91979083	3.40197029	3.42453194	0.24496797	2.50418827	3.52028601
3.09434326	3.51346006	3.99064274	4.03037916	3.05843099	3.45341456	4.3955378
2.55881035	3.00819703	4.00671181	4.03533296	2.73181933	3.4203674	4.54963296
2.81361665	3.00649211	3.27955771	3.3795555	2.91526525	3.05102853	3.03472211
3.36226165	3.86410068	4.56928667	4.68539466	2.85981752	3.74363763	4.69913042
2.49115086	3.41478766	4.05877568	3.9872788	2.56494296	3.23658359	4.04617791
2.49086693	2.857706	2.37720601	2.61987626	2.17166887	2.87475948	2.77932077
2.97915378	3.44497914	2.96601683	2.77798886	3.86601329	4.38883954	3.54313854
3.64771796	3.91652032	3.01971836	3.25005784	0.84544721	1.32352535	1.16470348
3.70403921	4.02933572	4.22004086	4.16487099	4.13419346	4.35557069	4.69673287
3.10556327	3.56252542	4.03276087	4.1109705	2.70163734	3.23464702	3.90299146
2.87793366	3.62141508	3.14965139	3.06549575	1.82226134	2.13112833	2.65792101
5.33673795	5.6784289	5.66251459	5.71436687	5.22951853	5.61832074	5.59786419
3.80347023	3.88807421	3.98474642	3.08957811	5.3588376	4.73237491	4.36609738
1.00E-04	0.20845733	0.28044561	0.0818905	1.00E-04	1.00E-04	1.00E-04
4.5091964	4.66040472	4.41985101	4.50736318	4.34890784	4.29672086	4.31817426
3.68204605	4.0331793	3.54392005	3.57777681	3.84128197	3.98185119	3.86887959
4.71605808	4.91689416	4.42343594	4.4474265	4.79450039	4.88781626	4.50544271
4.95459152	5.20874158	4.77107637	4.79411004	5.0913676	5.2144997	4.82073662
1.00E-04	1.00E-04	1.00E-04	0.21313031	1.00E-04	1.00E-04	1.00E-04
3.71262818	3.96205174	4.11577255	4.13570352	3.35650782	3.42351469	3.74170944
4.02978105	4.19508672	3.90397772	4.07457673	3.46178115	4.29782883	3.70880687
3.62064353	3.8356148	3.22266284	3.04876785	3.62007396	4.46272286	3.9659069
2.48065341	2.78957194	2.68304114	2.74527598	2.69593535	2.86346505	3.18335552

4.26327799	4.46781906	4.38249065	4.38388679	4.27616755	4.08365149	3.72271642
4.66627262	4.97027313	5.20511438	5.3332948	1.9747325	1.76692837	2.50322926
1.89060906	2.28350973	2.02820658	2.10565403	4.85993928	5.40884638	5.35003282
4.37285577	4.61236205	4.28130127	4.39790488	3.96667394	4.43663123	3.9869532
1.74304638	1.4368946	1.20318424	1.4415486	1.31891108	2.45976274	2.53037121
3.50742625	3.35069533	3.28566481	3.51648384	2.38539252	3.08847536	2.85388418
1.00E-04	0.17502219	0.05815429	1.00E-04	0.65823999	1.00E-04	1.00E-04
4.05225571	4.05918029	4.32016726	4.39497531	3.38034964	3.92781924	3.63344482
1.00E-04	0.40670488	0.46536695	0.51100674	0.58708779	1.00E-04	0.72869963
0.96137525	1.2475092	2.07919556	1.37192424	1.00E-04	1.7626038	2.13367751
1.00E-04	1.00E-04	1.00E-04	0.0349238	1.00E-04	1.00E-04	0.31424664
4.39185643	4.60963724	4.70418547	4.77258145	4.43545067	4.47339875	4.46708441
1.00E-04	1.00E-04	1.00E-04	0.03423098	1.00E-04	1.00E-04	1.00E-04
2.19434672	2.21664883	2.00939465	2.13620866	1.58636124	2.07416565	2.33344168
1.67350964	1.74263615	1.66958456	1.96802894	1.91260758	2.45986531	1.91524815
1.72144253	2.04537828	1.9242756	2.10919946	2.21843936	2.08283258	1.83075132
5.3853322	5.57297578	5.82582712	5.7717375	1.80705703	2.54683984	2.06379981
3.57760048	4.12557227	3.54913857	3.59161006	3.83349087	4.5585719	4.00320834
3.56458461	3.59667181	3.60338127	3.55334838	3.04526453	3.76319629	3.40683956
0.42450329	0.12026579	0.71499203	0.83870159	1.00E-04	1.00E-04	0.09760498
1.00E-04	1.00E-04	1.00E-04	0.05821306	1.00E-04	1.00E-04	1.00E-04
0.47021875	0.49585829	0.21956591	0.14992799	1.00E-04	1.00E-04	0.16885696
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92165491	1.2819238	0.86077517	1.27178238	1.56454472	1.69942248	1.74251189
5.72615795	5.79891187	5.32334496	5.260784	5.89345849	6.15726458	5.54823624
4.8244428	4.9553081	4.63914918	4.60133893	5.25808043	5.45185975	5.12921603
6.1306354	6.35535636	6.2828246	6.27264979	5.91592644	5.96248684	6.19631055
6.04913263	6.07009597	5.73970371	5.84208984	3.72150095	3.62093625	4.02214878
0.61870595	1.27416819	1.02986574	0.88946463	1.43399147	1.00E-04	1.00E-04
0.22233863	1.00E-04	0.14696825	0.27249943	1.00E-04	1.00E-04	1.00E-04
3.48038108	3.78881764	3.44698066	3.51781889	3.8581217	4.25192899	3.8699069
2.82991314	2.58839088	2.55514383	2.53192216	3.06257333	2.41471964	2.08481402
0.52870579	2.09971529	0.99634525	1.13377175	4.53737265	5.03266606	4.06565902
1.10818212	1.34103044	1.53660614	1.63065309	0.79013019	1.62966441	1.02836496
4.03701789	4.46403911	5.05775087	5.00940306	3.68181434	3.9554294	5.12668569
0.32435596	1.24749111	1.17876696	1.16868307	1.00E-04	1.10089444	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.16171561	3.2961585	3.51211037	3.48872808	3.02706466	3.1902122	3.67841112
1.35475204	1.20364003	1.16307957	1.43415509	0.84933662	1.5125291	1.92600976
0.39060547	1.00E-04	0.33836138	0.1926411	1.00E-04	1.00E-04	0.44681823
5.06037937	4.86857743	4.33514232	4.36882072	3.93139588	2.63387687	2.65321958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20345	1.00E-04	0.03510944	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.46560339	2.28320238	1.99871752	1.73218924	2.9280143	2.87877154	3.49724208
4.62489557	4.01484135	4.12205956	4.22956959	5.86671037	5.03858427	4.76948767
3.07789579	2.87657969	2.56259238	2.9983995	2.02509711	1.80394489	1.94478679
0.37141887	0.51890972	0.51753093	0.66969603	1.00E-04	1.17545074	0.70978138
0.29321157	0.31523548	0.73342346	0.91094979	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.29785644	4.16596833	3.311776	4.06528303	1.2722223	0.33014878	1.46762933
0.82504067	1.65679794	0.57442631	0.66242306	2.1080393	1.73007579	0.84805229
1.00E-04	1.07704314	0.3601943	0.42831777	1.00E-04	0.73497381	0.41062209
3.14396211	3.32221272	3.18523169	3.29580296	2.53855985	2.89749942	2.68604658
4.28201777	4.47746963	4.19878546	4.11514983	4.51578914	4.50075025	4.20726957
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.32233808	3.65251981	3.9298857	4.02481792	3.74520443	3.60291742	3.89447416
3.93444876	3.98052579	3.81052706	3.95758268	4.5389991	4.25300825	3.81458029
1.31481303	1.06142809	1.24994718	1.10010642	0.54828133	1.27310529	1.39992428
3.63378457	3.91679236	3.88523855	3.92604617	3.42667528	3.82673964	3.79273864
1.00E-04	1.00E-04	1.00E-04	0.09958833	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02431844	1.00E-04	1.00E-04	1.00E-04	0.7778019
3.21822719	3.3950782	3.35386257	3.53650916	2.63019668	3.68829803	3.77109797
2.98407469	3.32660755	3.98096445	4.06960834	1.78568448	3.30552367	3.76796096
1.08182503	0.55239074	0.67723512	0.73581195	0.4683059	0.27606067	0.607619
3.01047217	3.37284057	2.75820538	2.87694502	2.85747021	3.0123994	2.63972086
1.59867164	1.34989564	0.96858692	1.20204917	2.40355834	1.91731976	1.96596526
3.16319631	3.2582379	3.20019796	3.38686808	3.90968595	3.49264193	3.70789739
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33267273	0.36115758	0.38959684	1.00E-04	1.00E-04	1.00E-04
3.90944456	4.23741355	4.44612904	4.55981141	3.27959937	3.27159409	3.11349887
1.00E-04	1.00E-04	0.02952573	1.00E-04	1.00E-04	1.1596445	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.69771425	5.13478026	5.95302056	6.03078152	4.21023961	4.8821482	6.2914049
2.06548895	3.26323945	3.07995115	2.96944678	2.30250495	3.09510418	3.30883372
0.24193707	0.7319595	0.5181617	0.29556235	1.00E-04	1.00E-04	0.96243865
3.11577439	3.47629729	3.37147532	3.35613478	3.27148164	3.39265076	3.66994095
1.00E-04	1.00E-04	0.27470811	0.15139331	1.00E-04	0.43385867	0.81645113
0.71541263	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09941782	1.12991299	0.31237145	0.48227857	0.42197018	1.64651806	1.02565676
2.12082841	2.55041236	2.78570766	2.59180781	4.40565346	4.26254631	4.41901991
0.81194325	0.94064336	0.71349153	0.7293653	0.93145379	1.47649905	1.29727743
1.00E-04	0.63762568	0.11188262	0.22260905	1.00E-04	1.00E-04	0.99505277
0.61426822	0.52794218	0.11729925	0.1395096	0.34492066	0.33014878	0.60116202
0.54806311	0.22765945	0.30767066	0.36906152	0.67168427	0.85137492	0.50523072
0.33844857	0.93490713	0.57984352	0.79378389	1.00E-04	0.78662575	0.80066426

1.00E-04	0.12311863	0.04615061	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31792869	1.00E-04	0.34663247	2.34654562	1.874642	1.20770144
2.05261437	2.44394986	2.36783312	2.09380881	2.97269825	3.06872262	2.99166163
1.27177093	1.27406663	1.04954377	1.06805941	1.81534267	1.96183712	1.47008275
0.68885253	0.90285024	0.95226419	0.63439958	0.93716352	1.64907947	0.87422045
1.23109069	1.19120404	0.83849891	0.66994646	1.00E-04	1.00E-04	1.00E-04
0.34548476	2.12445809	0.61025403	0.95532387	0.54293045	1.00E-04	0.220236
3.78831009	3.98369665	3.63054501	3.26937823	4.16188648	3.76560377	3.4607158
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81018846	0.24851266
0.47717656	0.1819229	0.04810677	1.00E-04	1.00E-04	1.18101264	1.00E-04
0.82135624	1.38565926	1.26060453	1.44019126	1.45360725	2.20117406	1.74008084
1.00E-04	1.00E-04	1.00E-04	0.03724085	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27972711	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81353913	0.24828709	0.3590775	1.00E-04	1.00E-04	1.00E-04	0.35891273
1.00E-04	1.00E-04	1.00E-04	0.0582859	1.00E-04	0.27710863	1.00E-04
2.11863837	2.24293979	2.19338867	2.0729611	2.55684786	2.41476659	2.26285657
0.85487044	0.76759835	0.3222549	0.18656193	1.00E-04	0.29937888	0.31578943
0.59240792	0.56166354	0.08444302	0.4051678	0.38530742	1.00E-04	1.00E-04
2.49385422	3.10146355	2.65763147	2.61713978	2.41504639	3.21698066	2.3150173
2.69931456	2.3264425	2.18322128	2.3099155	2.09554882	2.12461716	2.29216957
2.08757267	2.18102033	2.1301783	2.12764819	1.02898177	2.02830382	2.14186876
0.42129053	0.30568062	0.65482879	0.44821884	1.00E-04	0.20066371	0.61147571
1.00E-04	1.00E-04	0.21028292	1.00E-04	1.00E-04	1.00E-04	0.23378191
1.00E-04	0.22461822	0.59660725	0.46996617	1.00E-04	1.00E-04	0.59906063
0.79055022	2.02010737	2.38372526	2.30420989	4.01774605	3.36740661	4.19266621
1.24777979	1.06042287	2.36763246	2.33587304	1.09322281	1.76018294	3.18121949
1.00E-04	1.00E-04	1.00E-04	0.12928534	1.00E-04	0.57790979	0.44219938
0.80726837	1.30145999	0.88233905	0.87804348	2.49721362	2.75882665	2.45560688
1.31629281	1.60446401	2.21420106	1.9378401	0.90263055	1.70361597	3.03882361
1.00E-04	1.00E-04	0.37840325	0.05743546	1.00E-04	1.00E-04	0.59437644
2.45070578	2.14750071	2.40384051	2.35406132	1.18885743	2.67072369	3.29596954
2.26307223	1.99676636	1.37889596	1.85399008	3.05564538	2.82598725	3.2868532
3.81555442	3.92899108	3.60696355	3.59354236	5.36379833	5.34791388	5.05035704
3.38574142	3.67080681	4.12551289	4.11954156	3.91748378	4.27764567	4.71262394
1.00E-04	0.33267273	0.06465556	0.24598913	1.00E-04	1.00E-04	1.00E-04
2.7312577	2.69870696	2.49881793	2.46548614	3.68501818	4.17823792	3.69293119
3.33293806	3.42530368	3.18923607	3.31321973	2.96822246	3.56890119	3.10147987
5.40759838	5.07770555	4.84891395	5.10315957	5.25098828	5.54351919	5.0528481
1.00E-04	0.56795966	0.22435543	0.09141571	1.07271515	1.08904247	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36762306	0.11033993	0.05018927	0.19455132	1.00E-04	1.00E-04	0.19293133
2.25590028	2.57672249	2.7421458	3.0374439	1.50501568	2.052263	1.97969991

3.95409153	3.94827556	3.59365902	3.59393092	3.15010196	4.1558543	3.44294114
3.86499841	4.17960077	3.72963854	3.71394396	4.11550679	3.87080859	3.42000052
0.26361328	1.00E-04	0.05667162	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.69555323	1.91828877	2.32212118	2.67361326	1.87169209	1.92005091	2.34773591
2.20072909	2.5276242	2.57015565	2.57471821	1.86092622	1.99322743	2.1566765
3.07399134	2.86349663	2.73927312	2.98944726	3.38084869	2.52917495	3.13844968
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3432546	0.05080547	1.00E-04	1.00E-04	1.00E-04	0.36805794
1.00E-04	1.00E-04	0.02907106	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31128713	1.00E-04	1.00E-04	0.04714651	1.00E-04	1.00E-04	1.00E-04
0.33379867	0.55718806	0.72179941	0.527279	1.00E-04	1.00E-04	0.30067334
1.00E-04	1.00E-04	1.00E-04	0.17733812	1.00E-04	1.00E-04	1.00E-04
0.14170192	0.0737906	0.40932902	0.38858537	1.00E-04	1.00E-04	1.00E-04
2.2639673	2.91371774	2.65646785	2.71486161	1.75983269	2.05119978	1.80857701
2.19790836	3.39499867	3.35942654	3.2851322	2.56282858	2.85282421	3.70512678
1.26357558	0.68200321	0.81255386	0.71311174	1.93160413	2.11249448	2.08706777
2.58473646	2.81850406	2.69734763	2.91483593	2.32444421	2.74037528	2.58030013
1.00E-04	0.08324088	1.00E-04	1.00E-04	1.24200948	1.24075428	0.38875054
0.62404052	0.47599536	0.15566528	0.5487388	0.68552334	0.59260069	0.74307247
0.32308392	0.75589232	0.06728857	0.13598328	0.75435203	0.56435897	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32979817	1.00E-04	0.05606911	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1943788	1.00E-04	0.07428083	0.15112882	2.2037611	2.07622792	2.54370392
0.50496887	0.96479038	1.60745264	1.94060113	0.92178921	1.05912596	0.70174319
0.33884663	0.46683185	0.37326189	0.39022766	1.04823799	1.00E-04	1.92369478
1.95092694	2.31945388	2.62474907	2.33104479	2.98359921	3.26940975	3.53782166
1.00E-04	0.3969865	0.31271735	0.4124113	1.00E-04	0.60460112	0.64929041
2.8067866	3.18428398	2.92883741	3.00781652	2.09866767	2.53483132	2.73939342
1.46819332	1.71935593	1.93525048	2.06719897	0.83837406	1.40218197	1.52078683
3.67091766	3.78820871	3.6270032	3.61943347	2.79076521	2.99441347	2.64316802
3.44881325	3.6542824	4.40294056	4.50535025	2.85664346	3.28584252	4.12735062
3.6026944	3.82668493	4.13518297	4.11760887	3.17788788	3.63207445	3.92952933
1.52773027	2.05807096	0.82973374	0.98951518	1.642133	2.10552778	1.19783855
3.88427213	4.08123535	4.58796797	4.61872188	3.2643014	3.65195414	4.3312852
2.40630027	3.08924796	2.77683756	2.71645637	3.10034539	3.21054542	2.7611648
5.2529665	5.18169164	4.78773228	4.68454252	4.52779215	4.66373268	4.3570327
3.0992918	3.11313482	3.1218288	3.27058493	2.76460489	2.94449145	2.61232914
4.62609863	4.93435193	4.66227314	4.50715793	5.29659247	5.59705311	5.32284366
3.39041143	3.40184075	3.06984829	3.23371576	3.44236185	3.3119673	2.83217463
0.26718572	0.75839105	0.14874824	0.14469006	1.00E-04	0.25871909	1.00E-04
3.96566244	3.89807716	3.44888903	3.57297284	3.97793341	3.83124891	3.26373642

2.77954024	2.77205921	2.95486598	3.11455447	2.21476898	2.32670173	2.39224159
1.5462821	1.60513438	1.3652533	1.44055169	0.87446197	2.43356278	0.93110601
0.21097841	1.00E-04	0.16705974	0.35218417	1.00E-04	1.00E-04	1.00E-04
4.79386465	4.51977699	4.52058629	4.93636401	4.43548428	4.38119038	4.81077924
3.50992447	3.79782876	3.64343116	3.6294731	3.59515756	3.41778675	3.46528466
2.44886938	2.57051148	2.80663725	2.85564438	1.59505233	1.56172196	2.2047527
0.22171465	0.1960454	0.13489355	0.36487874	1.00E-04	1.00E-04	1.00E-04
0.72245474	0.71110937	0.67795981	0.62328006	1.00E-04	0.392507	0.9390179
1.00E-04	1.00E-04	0.03068074	0.19054366	1.00E-04	1.00E-04	1.00E-04
1.94215294	2.19199595	2.10610032	2.13592398	3.05478383	3.4491663	4.08987503
1.00E-04	0.65384407	0.46655165	0.32520852	1.00E-04	1.38207426	0.62744434
3.45164934	3.87600047	3.84388091	3.95265571	4.00840663	3.49284155	3.64046212
2.86295891	2.8685417	2.57240229	2.38789315	3.71315277	3.67941635	3.46931187
1.00E-04	0.49794218	0.07966211	0.05279221	1.00E-04	1.00E-04	0.16909838
0.45800838	0.42949577	0.20836461	0.31758656	1.39416975	1.40046747	0.83775235
0.21668444	0.99425845	0.47769202	0.53026401	1.00E-04	1.00E-04	0.88272317
1.00916335	1.17339587	1.42476663	1.7917013	0.88579312	1.28272402	0.44641938
4.25654752	4.38667758	4.06935447	4.00605669	3.99864258	4.49937591	4.27117455
2.78420883	2.76132883	2.3674866	2.56930191	1.56975941	2.63228408	2.78357556
1.00E-04	0.07314043	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05782762	1.00E-04	1.00E-04	1.00E-04
1.27786365	0.28491671	0.67372791	0.68161528	0.91632913	1.33269605	0.56878981
5.16477013	5.43899378	5.12620043	5.12122134	5.51675851	5.97005156	5.37836379
3.5853646	3.60020165	3.43790838	3.47713985	2.98319179	2.98595469	3.10149064
1.34435917	0.91222466	0.94085399	0.91490545	1.25551262	1.42950749	1.42887
3.84334248	3.89995227	3.74937003	3.7035778	3.86631877	3.75518851	3.77805781
1.00E-04	0.31732619	0.05726284	0.07043435	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05115917	1.00E-04	1.00E-04	1.00E-04
1.51832621	1.28900801	1.29879405	1.14631302	1.14461656	1.30911544	2.57579212
0.94177602	1.20143743	1.52698532	2.31496048	1.31105783	1.37121884	1.7737996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53042088	1.49204062	2.52346519	2.45293655	1.00E-04	1.00E-04	0.81964739
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12595009	0.73508278	1.17077431	1.1632149	1.00E-04	0.25918657	0.21495559
1.00E-04	1.00E-04	0.17094666	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35311133	1.19096223	0.71564308	0.72694912	0.41241033	1.73026884	2.11716952
1.00E-04	0.48141267	0.23374726	0.37617445	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30620758	0.19310481	0.28599624	0.71900655	0.78719057	1.00E-04
1.50413449	1.40085773	0.51818154	0.76783138	1.23355829	1.04204699	1.43424849
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08557853	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.52934961	0.4124814	0.38923342	0.21583718	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25774037	0.22332555	0.44723642	0.39867416	0.82306793	0.7278671	1.26521371
0.78882726	1.50302245	1.87096336	2.1789207	1.24541237	0.60324689	1.7688154
1.48778232	1.8058681	1.70201708	1.78626155	1.4845031	1.52738655	1.95486126
0.60858813	1.25171246	1.19545542	1.48958829	2.25187272	2.76474579	1.64032887
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21126388	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09610736	0.06343194	1.00E-04	1.00E-04	0.57462002
1.00E-04	1.00E-04	1.00E-04	0.24534503	1.00E-04	0.22057069	1.00E-04
3.38161826	3.47156936	3.79263455	3.87584692	2.61384214	2.82567256	3.65603186
1.29513605	1.16795464	1.56164569	1.34389662	1.00E-04	0.50089681	1.60849902
1.00E-04	0.06680567	0.73306006	0.46689024	1.00E-04	1.24911072	0.61851595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79390523	0.96891946	1.00664079	0.91383874	0.95355892	1.16687183	1.35785212
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22767034	0.29042952	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13533493	1.00E-04	1.00E-04	1.00E-04	0.31055665
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.46665065	0.53673101	0.5099292	1.00E-04	1.00E-04	0.30841814
0.75789758	0.95874171	0.4284967	0.57439501	1.88677507	1.52946421	0.40750063
0.11503627	0.45479043	1.18639447	1.53614811	1.62902448	1.00E-04	0.4189923
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.91994088	0.22074923	0.40227311
0.20907578	1.46113558	2.97130757	0.52704576	1.00E-04	2.0302238	4.01061057
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.04422325	4.11618365	4.14787826	4.29144491	4.46414245	4.38833749	4.30161987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35005257	0.82834752	1.49123304	1.63625666	0.40975599	0.9991832	0.97726213
0.39149292	1.03160938	0.33652043	1.01590528	0.48060496	1.00E-04	0.95744582
1.2544873	1.33824441	0.97509826	1.0470265	1.34336512	1.22823086	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.76634208	3.84092818	3.70299101	3.68418652	3.87818612	3.4588366	3.30040971
0.73249101	1.54119988	1.49275758	1.29141694	0.65823999	1.36385256	0.11808513
1.00E-04	0.1481016	0.2251915	0.26817927	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45785853	0.22540446	1.00E-04	1.00E-04	0.47045828	1.00E-04
1.00E-04	1.00E-04	0.52802366	0.1975559	1.00E-04	0.12640632	0.38864611

1.00E-04	0.07314043	0.30143265	0.26067168	1.00E-04	1.00E-04	1.00E-04
0.36405039	0.30666394	0.91737854	0.91743358	1.00E-04	1.00E-04	0.52482906
3.73764301	4.31888263	4.83923998	4.60838365	3.61419433	4.36231539	4.35112837
1.00E-04	1.00E-04	0.10800913	0.10094634	1.00E-04	1.00E-04	1.00E-04
0.43753244	1.00E-04	0.41421966	0.42520948	0.45889659	0.25351703	1.00E-04
1.00E-04	0.30835424	0.65445758	0.43714793	1.00E-04	1.14635538	0.79306558
0.42077511	1.00E-04	0.09509045	0.03938149	1.00E-04	1.00E-04	0.26858745
1.00E-04	0.38670408	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95565653	1.15982311	2.26041911	1.80529016	1.00E-04	1.07536919	1.28860814
0.84275447	1.47516136	1.41576677	1.59665205	1.36831669	0.48586588	1.23466191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28756762	1.00E-04	0.41035631	0.18488417	1.00E-04	0.2210583	1.00E-04
1.29737071	2.01493388	0.98581324	1.21511533	1.00E-04	1.36112394	1.06207772
0.68812634	0.6665893	1.04418698	1.05925803	1.00E-04	0.35702157	0.82132651
1.91378075	1.78662618	1.34093747	1.21736851	0.89932332	1.5897672	0.70001914
0.50550445	0.86805475	0.62202272	0.87745594	0.51102197	0.43070808	1.00E-04
1.00E-04	0.32013457	0.6536601	0.84528045	1.00E-04	1.00E-04	1.00E-04
0.30873364	1.00E-04	0.1185805	0.13514461	0.5982431	1.00E-04	0.29688924
1.00E-04	1.00E-04	0.25897762	0.18034963	1.00E-04	1.00E-04	0.66491646
2.36974213	2.42255601	2.14095064	1.9097923	2.01626973	1.78873514	2.52610981
1.00E-04	1.00E-04	1.00E-04	0.04745065	1.00E-04	1.00E-04	1.00E-04
0.68136072	0.29227947	0.18903149	0.11032891	1.00E-04	0.49286809	0.220236
1.00E-04	1.00E-04	0.03643129	0.07460918	0.52105756	0.26054201	0.11188224
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26076105	1.00E-04	0.04072201	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71394645	0.8323943	0.83722106	0.57242251	1.6900916	1.08801881	1.2249872
2.76809969	3.42922669	3.91286021	4.15645174	2.50455213	2.95427418	3.43870007
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80383977	0.95062771	0.68312638	0.91654686	0.48060496	0.23105475	0.19124552
0.33844857	0.1623181	1.03582517	1.14808932	1.00E-04	0.64955161	0.59703121
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.78568608	0.24587236	0.5269758	1.00E-04	0.32461286	1.00E-04
1.18564926	0.84351598	0.69913634	0.94918151	1.00E-04	1.00E-04	1.00E-04
1.59291422	1.57976599	2.49453178	2.14344378	0.50488113	1.54689837	1.15590418
1.00E-04	0.27825795	0.09673859	0.14824252	1.00E-04	1.00E-04	0.75353298
1.00E-04	1.00E-04	0.34949161	0.30511339	1.00E-04	1.00E-04	0.73115588
0.53972757	0.26687438	0.15187621	0.06760578	1.00E-04	1.00E-04	1.00E-04
1.51810579	1.35570465	0.98747317	1.21883752	1.68018366	1.84107832	1.4252199

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1908604	0.15361271	0.12210085	0.45227577	1.00E-04	0.50964102	0.4766886
1.00E-04	1.00E-04	0.1111306	0.17231327	1.00E-04	0.62757209	1.00E-04
1.00E-04	1.00E-04	0.0369416	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06234687	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06345004	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.1912624	4.50382984	4.38521561	4.47597993	4.25567597	4.73235877	4.59870392
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33727128	1.66516071	1.06405681	1.27188437	1.17871691	1.21019666	1.51637174
1.15603097	0.98305262	1.39251895	1.67953525	2.0371714	0.71949872	1.56420979
1.00E-04	1.00E-04	0.09072186	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03095671	0.73966355	0.30306402	0.39440913	1.00E-04	0.28215124	1.00E-04
0.29002183	1.00E-04	0.2741739	0.50932679	1.00E-04	1.00E-04	1.00E-04
4.59906458	4.96694538	4.77672015	4.88250187	4.47545736	4.70261486	4.45906854
1.00E-04	1.00E-04	0.09729619	0.20357631	1.00E-04	0.22941088	1.00E-04
1.06147119	0.80988037	1.4828402	1.56048097	2.20090936	2.34176436	1.33521203
0.77613679	0.56097996	0.4709848	0.59114342	1.00E-04	0.95491744	0.36254502
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27093829	0.25370611
0.72022699	0.98245725	1.160957	1.29089588	1.00E-04	0.60986383	0.97451004
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22056111	0.83641604	0.38270267	0.42300857	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14393545	0.05779175	1.00E-04	1.00E-04	1.00E-04
0.90030142	1.00144801	0.21063176	0.52916756	1.20699862	1.82133588	1.27377639
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39828129	0.97677799	0.67849764	0.83564485	0.48060496	0.26301701	0.85136508
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45635326	1.08928573	0.93084505	0.96921873	0.38530742	0.91747101	0.59740823
1.00E-04	1.00E-04	1.00E-04	0.0577798	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10550519	0.07261229	1.00639663	1.00E-04	1.00E-04
1.29409711	1.67415667	2.3080536	2.38923664	1.10600655	0.65964987	2.11145021
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26632144	0.59061746	0.75629226	1.94049949	0.70187603	1.00E-04
1.00E-04	1.00E-04	0.27579849	0.63960709	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05740951	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5846638	1.06833941	1.64107846	1.87941224	0.77422997	1.00E-04	1.47795886
4.42503335	4.67929207	3.99625043	3.97480738	2.99013833	3.80143039	2.06974115
2.11809742	2.25061571	1.48001637	1.53584299	1.95578455	2.19111107	1.13373645
1.70421853	1.82280751	1.92866677	2.11357767	1.31548296	2.1713219	1.88906527
1.00E-04	1.00E-04	0.04101382	1.00E-04	1.00E-04	1.00E-04	0.98274788

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05599702	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16629965	0.07038113	1.00E-04	0.53967595	1.00E-04
1.00E-04	0.06661234	0.14591374	0.06630649	0.95367413	2.63443762	1.88118285
1.00E-04	1.00E-04	0.09541203	1.00E-04	1.10847944	0.57195445	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08557164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11033993	0.21872709	0.20224467	1.00E-04	0.49973432	1.00E-04
3.76081015	3.9117773	4.15036249	4.33777282	2.81345925	3.61350339	4.09299135
1.00E-04	0.80874145	0.38890995	0.1576252	1.00E-04	1.00E-04	0.53622427
1.00E-04	1.00E-04	0.12809189	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50629312	0.61834503	0.55899197	0.53450425	0.54065888	1.03579063	0.73115588
0.91007106	1.04820496	2.28214462	2.16877928	1.03175749	1.04138025	1.60914864
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67480823	0.20425389	0.38041245	0.32908173	1.00E-04	1.00E-04	0.43265121
1.47940669	1.64608773	1.72746576	1.78558663	1.47727504	1.46261238	1.30329346
1.34701959	1.52085276	2.09694405	2.26424757	0.39382455	1.50671509	2.34631339
1.00E-04	0.74326383	0.53015156	0.67367395	2.51413927	3.13069649	2.19393208
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58844387	0.14907615	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13871239	0.26445452	0.20226675	0.24858304	1.00E-04	1.00E-04	1.00E-04
1.12750802	2.1294312	2.13166716	1.65751026	1.43645013	1.9891267	1.37832615
1.00E-04	1.00E-04	1.00E-04	0.06583786	1.00E-04	0.74332227	1.00E-04
1.00E-04	0.36978404	0.46041426	0.20871719	1.00E-04	0.25244024	0.94050945
0.60030164	0.79367174	1.05310573	1.11647226	0.42938666	1.00E-04	0.62298319
2.5826953	2.88744686	2.69396264	2.88378023	2.7548213	2.90840627	3.11115576
1.00E-04	0.49477915	0.08050788	1.00E-04	1.00E-04	1.00E-04	0.08557164
1.21684104	0.90145165	0.73522999	0.48710212	1.00E-04	0.44650849	1.00E-04
1.00E-04	1.00E-04	0.03629366	1.00E-04	4.15810839	3.59729573	2.72136557
3.12430075	3.55356021	4.2474745	4.24501123	1.23484538	2.71709916	1.63714903
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30573545	0.74399949	0.64599914	0.56410123	1.00E-04	0.06695938	0.19591033
0.97890043	1.44763735	0.73761835	1.24746787	2.0561141	2.77455248	1.89973418
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68552177	1.62010314	2.84260803	1.98025127	0.51102197	1.23615317	3.42284599
2.85077507	2.72647115	2.45116685	2.47696313	2.39573472	2.82462171	2.05584283
1.00E-04	1.00E-04	0.23929243	0.19581207	1.00E-04	1.00E-04	1.00E-04
0.46480544	0.20425389	0.33163393	0.14818119	1.00E-04	1.00E-04	0.50180541
1.00E-04	0.25366114	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.7443279	1.67889516	1.88224122	1.70806905	2.04412383	1.76464982	1.9324291
2.18637849	2.48439788	2.55035444	2.42440285	2.33163964	2.70963112	2.5394027
1.00E-04	1.00E-04	0.04763817	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03725367	0.26536502	1.00E-04	0.43712087	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0731062	1.00E-04	1.00E-04	1.00E-04
2.79990594	3.08721862	2.68710972	3.12999998	2.71085726	2.54611701	2.67641567
1.00E-04	0.27297671	0.32540687	0.17569802	1.00E-04	1.00E-04	0.43525525
1.92909553	0.85672759	0.84758372	0.99228315	2.27770287	1.99118363	0.27658511
0.31866471	1.16924733	1.58888235	1.37336022	1.8845707	1.57094191	0.20772946
1.00E-04	0.26458583	0.4939944	0.36118009	1.00E-04	1.00E-04	1.00E-04
0.40433855	0.16714916	0.26744953	0.59287344	1.47790621	1.82529731	2.84643145
0.77653275	1.38156278	1.35547075	1.61663184	1.58313145	0.91565961	1.08411081
0.4096046	0.24553938	0.42824603	0.6807051	0.74910948	0.66949311	1.00E-04
2.43045492	2.99249505	3.52041714	3.72305881	2.02538349	2.34777594	2.51119748
1.00E-04	1.00E-04	0.15835827	0.05472516	1.00E-04	1.00E-04	1.00E-04
1.47929151	0.86160336	1.29066306	1.81597944	1.40200655	1.6597837	1.22952115
1.00E-04	1.00E-04	0.06593912	0.10368169	1.00E-04	1.00E-04	0.27485202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19420347	1.26808	1.64934106	2.06355754	0.92325274	0.99741776	0.81335437
1.34865085	1.51253518	0.98231521	0.93474881	1.00E-04	1.54776179	1.47914408
1.9944926	2.49933545	2.53904153	2.4443207	2.59090993	2.48212186	2.29287724
0.96101559	1.14883428	0.88931441	1.12995267	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11734027	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02528766	0.23513121	1.00E-04	0.30704999	0.9968281
2.62813649	3.07200087	2.68162108	2.96511148	3.02919391	3.4291862	3.43814094
0.22886845	1.00E-04	0.12022894	0.08203476	1.00E-04	0.36741216	1.0581204
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32016054	1.53024521	1.51893549	1.7669098	2.24860541	2.1919576	2.21259159
1.00E-04	1.00E-04	0.11409122	0.11157504	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.83523427	1.16814274	1.16467882	1.00E-04	1.00E-04	1.10631899
1.00E-04	0.85460953	0.54032007	0.96134625	0.42197018	0.59657259	0.10785897
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08231512	1.42210412	1.17448259	1.70394615	2.33060317	1.58702126	1.15307324
1.00E-04	0.36888242	0.31106922	0.24975434	1.00E-04	1.00E-04	0.27477876
1.00E-04	0.23318549	0.63613357	0.83326546	1.00E-04	1.00E-04	0.13785291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63787468	1.43034046	1.04259839	1.06932074	0.78002845	1.40586828	1.61126207
0.56650422	1.00E-04	0.09589235	0.16244864	1.00E-04	0.14310979	0.96811261
3.45943812	3.68191926	4.07927059	3.98104661	1.92128737	2.46348038	2.45516892
1.00E-04	0.39083944	0.5592342	0.56691236	1.00E-04	1.00E-04	0.21156663
0.94685708	0.12182954	0.43690576	0.71083735	1.19483798	1.43098543	0.78229499

0.56324969	1.00E-04	0.14119498	1.00E-04	0.61235854	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2779322	1.08877753	1.5321945	1.71805072	0.6397631	1.00E-04	0.95276727
3.32047214	3.15776913	2.99590487	2.68278924	1.00E-04	0.77429417	0.78468116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9494681	0.41409581	0.24304307	0.37216367	0.78234266	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16185034	0.03713539	0.20102211	1.00E-04	1.00E-04	1.00E-04
0.57626077	0.31973822	0.3238098	0.45946349	1.79091409	0.75116037	0.11699513
1.00E-04	1.00E-04	1.00E-04	0.04178327	1.00E-04	1.00E-04	1.00E-04
1.41222807	1.59624168	2.35110986	2.14807245	0.43177254	1.03149256	2.64959721
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48499687	0.79672239	1.23303651	1.64371555	1.00E-04	1.38013524	1.06821559
4.6053673	5.04155119	4.53045735	4.45626525	4.59966362	4.85888792	4.33599851
3.12151365	3.79463396	3.64833678	3.67845996	3.47786758	3.94651652	3.70370208
4.44953479	4.79446434	4.51001288	4.57054997	4.75418051	4.78965218	4.72172775
1.32782359	1.03119559	0.71667819	0.75552221	1.58923562	1.00315962	1.18503742
0.26718572	1.00E-04	0.04004903	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36576432	0.36774375	0.63220518	0.96396908	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12329898	1.15574624	1.75668473	2.17804416	0.73058734	0.76522417	1.44042113
1.00E-04	0.36459825	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04118967	0.04732211	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28509221	0.20340468	1.00E-04	0.6891078	0.59104887	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23248674	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43964933	1.00E-04
1.00E-04	1.00E-04	0.105976	0.13029095	1.00E-04	0.43385867	1.00E-04
0.47021875	0.26021181	0.30120872	0.28853036	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58248711	1.6507964	1.26706526	1.26442449	1.15720948	2.20009183	0.94423376
2.03576661	1.569521	1.70577596	1.59198246	2.67025349	1.81426328	2.21535504
0.71774739	1.50579491	0.69914255	0.80298871	1.09975252	2.45941781	0.68871988
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.34780559	0.31599748	0.23729431	1.00E-04	0.19340846	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03892089	1.00E-04	1.00E-04	1.00E-04
1.72298817	1.83950093	1.35653477	1.59661126	1.96973012	2.34965393	1.51455184
0.98361557	0.55191893	0.41708734	0.80912595	1.00E-04	1.26426446	0.21495559
1.85244458	1.74812642	1.84551517	1.90107067	2.40295696	2.40647919	1.54998663
1.00E-04	1.00E-04	0.12961859	0.2121872	0.7087317	0.83372768	0.27823466
1.00E-04	0.4519286	0.25920067	0.42979112	0.52474525	0.33938571	0.30302762

0.38861756	0.57498928	0.2234728	0.18351736	1.00E-04	1.01702075	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2210583	0.35760504
1.00E-04	1.00E-04	0.03898118	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21375378	0.27099318	0.22200241	0.06059862	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22910884	0.26127457	1.00E-04	1.00E-04	0.27485202
0.85020876	0.85630555	0.50583367	0.27543999	1.00E-04	0.35325494	0.7360641
1.00E-04	1.00E-04	0.12404955	0.0514038	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09464396
1.00E-04	0.23073174	0.15774091	0.20277334	1.00E-04	0.29910931	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53718905	0.85621855	0.84219445	0.7204676	0.42197018	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1255999	0.06619654	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78437448	0.27012088	0.13713829	0.21377346	1.00E-04	1.00E-04	0.48942029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99571616	1.4774719	1.35892927	0.94207488	1.6514019	0.97144192	0.10785897
1.00E-04	1.00E-04	0.05493536	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.1041585	3.92604812	3.55380683	3.56908308	4.11447749	4.20054542	3.83137973
0.64493017	0.78044393	0.13469565	0.21933368	0.48823099	1.26549606	1.00E-04
1.00E-04	1.00E-04	0.23327322	0.22353976	1.23058514	1.00E-04	0.48379069
1.00E-04	1.00E-04	0.12701618	1.00E-04	1.03919256	0.45518725	0.38794164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06110646	1.00E-04	0.07052323	1.00E-04	1.00E-04	1.00E-04
0.57396952	0.5626819	0.49551956	0.60771042	1.00E-04	0.6592072	0.32146844
0.20634675	0.56749699	0.18126	0.40907299	1.00E-04	0.68327311	0.75869541
1.25607399	0.81901495	1.27716313	1.41547022	0.69043823	0.84451289	1.15315944
1.00E-04	0.94399061	0.74043516	0.6217765	1.00E-04	1.00E-04	1.00E-04
1.93266384	2.00689711	1.35186002	1.25096188	1.07547903	1.73299167	1.23843737
1.00E-04	1.00E-04	0.03569647	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23583349	1.45777772	1.28534858	1.19976284	1.3741917	1.24681905	1.03916283
0.80966186	1.33984388	0.97361915	1.52163901	0.94227818	1.9418194	0.71023814

3.31694396	3.71680662	3.67337197	3.85966151	3.34031617	3.55268836	3.57020463
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19044551	0.12792585	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.030949	1.00E-04	1.00E-04	0.33359102	0.28482166
0.87046036	1.31373134	1.11637876	1.2398895	1.00E-04	1.93402538	1.82499445
1.00E-04	1.00E-04	0.02532814	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14707165	1.00E-04	1.00E-04	1.00E-04
0.55357303	0.63638622	0.10593718	0.58205605	1.00E-04	0.5705176	0.72782938
0.7008528	0.44933672	1.2001881	1.1308763	1.00E-04	1.00E-04	0.45757412
1.00E-04	1.00E-04	1.00E-04	0.18285103	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30020277	0.15531271	0.16945906	2.53075503	0.85469534	0.54440434
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42860292	0.3914585	0.71283427	0.67504504	0.35320673	0.97550717	2.17565458
0.27085692	0.25366114	0.36527583	0.08318263	1.00E-04	0.86434417	1.19774265
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61280452	0.82154622	0.9559234
1.00E-04	1.00E-04	0.14929345	0.18892756	0.54828133	1.00E-04	1.00E-04
2.90901536	2.83306715	2.67712353	3.07050842	4.03204818	3.19217804	3.48745855
0.21749776	0.27379322	0.18071086	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61280762	1.00E-04
1.00E-04	1.00E-04	0.04172637	0.06875344	1.00E-04	1.00E-04	0.17349997
1.00E-04	1.00E-04	1.00E-04	0.12094322	1.00E-04	1.00E-04	1.00E-04
2.78056373	2.73780336	2.73534893	2.73792056	2.84419897	3.12612801	2.7722977
1.62643748	1.95814969	1.46920597	1.33784998	1.928974	1.8497563	1.55083776
1.00E-04	1.00E-04	0.05334464	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15149617
1.00E-04	0.18559906	0.05013315	0.10628186	1.10070734	0.06695938	0.28754422
0.44028655	0.41848323	0.67050571	0.6926613	0.73733328	0.59020563	0.59841502
1.08496336	0.9847592	1.22762082	1.44193283	1.00E-04	0.55654531	1.03650633
0.60959923	0.7527257	0.48576055	0.55483735	1.00E-04	1.00E-04	0.33758991
1.00E-04	1.00E-04	0.04244401	0.09841983	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05307098	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16631134	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07707022	0.20914425	0.15480843	1.84344127	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54370492	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.49364533	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05305274	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12148464	0.19784221	1.00E-04	1.00E-04	1.00E-04

3.39535382	3.42849255	3.42244491	3.43119703	3.70901131	3.4932419	3.08105882
1.00E-04	1.00E-04	1.00E-04	0.07180993	1.00E-04	1.00E-04	0.53523136
1.00E-04	1.00E-04	0.28935433	0.39794864	1.00E-04	0.36619253	0.96586847
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12592756	0.23217116	1.00E-04	1.00E-04	0.1362077
1.00E-04	0.16720446	0.11245964	0.0552553	1.00E-04	1.00E-04	0.85048136
0.79511033	1.00E-04	0.16413008	0.56481141	0.40912496	1.00E-04	1.00E-04
1.00E-04	0.24976366	0.21014865	0.29420658	1.00E-04	0.29138547	1.00E-04
2.85573296	2.9303363	1.80202149	1.98414555	0.80006359	0.62757209	0.220236
1.00E-04	1.00E-04	0.06533044	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96205841	0.8933734	1.46430615	1.54055094	1.10425438	1.28140746	1.86789459
1.00E-04	1.00E-04	0.16476985	0.04087293	1.00E-04	0.34850681	1.00E-04
1.00E-04	0.07955883	0.09248587	0.09890412	1.00E-04	1.00E-04	1.00E-04
1.604774	1.7383347	2.2006005	2.32943574	1.50424244	2.20002508	2.38646001
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26534516	1.08559636	1.19947414	1.26084778	1.00E-04	1.00295902	1.02592913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.74863297	1.10075904	1.22237447	1.61269962	2.32866537	1.00E-04	0.86563786
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14265331	1.00E-04	0.1185023	0.27838035	1.96105503	1.07080127	0.90572558
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1408415	0.16686554	0.20589861	1.00E-04	1.00E-04	0.31078224
0.60611658	1.00E-04	0.39424492	0.24486892	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29215245	0.14949432	0.25356837	1.00E-04	0.1839207	1.00E-04
1.00E-04	0.16730348	0.5708058	0.14451229	0.48060496	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0423905	0.08244627	1.00E-04	1.00E-04	1.00E-04
0.49347816	1.00E-04	0.2502752	0.26706592	1.00E-04	1.00E-04	0.69945427
0.38339391	0.70689186	0.55489606	0.48119138	1.00E-04	0.35770721	0.74697216
3.31451842	4.00549006	4.97631826	4.65655589	1.29174049	2.41505076	2.57731026
0.72227248	1.03095178	1.70516974	0.842721	2.82176505	1.35921242	2.63553993
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86449356	0.5899058	0.16632004	0.22827792	1.00E-04	0.61139607	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.20276747	2.45174174	3.19895444	3.32740978	1.48018554	1.65224327	2.7431377
0.56859419	0.93780984	0.47620927	0.56451559	1.00E-04	0.77561041	1.42756438
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04346592	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3562825	1.45495631	0.74778923	1.05746967	1.22775213	1.36158412	2.14921704
0.32668362	1.00E-04	1.00E-04	0.16262359	1.00E-04	1.00E-04	1.00E-04
0.9947218	1.77673974	0.87011846	0.88593916	0.99868632	1.32662222	0.80179405

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.51105622	0.80753347
1.28186879	0.95839354	0.96421648	1.14720179	1.27837663	1.71100716	0.7908734
1.00E-04	0.18414442	0.17228306	0.0983171	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.23798594	0.47995227	0.83618136	1.00E-04	1.48272788	0.79564863
1.00E-04	0.38904386	0.31586882	0.33083517	0.34492066	0.39240942	0.31671355
3.43126938	2.51985238	2.7714497	2.61297702	4.54747233	2.35690679	2.74919655
1.00E-04	1.00E-04	1.00E-04	0.07584447	1.00E-04	0.11466061	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28482166
4.87399018	5.00617289	4.81303989	4.65359572	2.84933297	3.33348886	3.09774011
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2299594	0.62256069	1.00E-04	1.00E-04	0.35106062
2.6996999	3.26481156	3.77982325	3.76961163	2.83559041	2.996501	3.67954217
1.00E-04	1.00E-04	0.12780624	1.00E-04	1.00E-04	0.92964555	1.00E-04
1.04734207	1.34315858	1.70688296	1.63560058	0.49775343	0.73902033	1.62271011
0.7174579	1.6744765	2.31773781	2.47289203	1.260065	0.774367	1.86961879
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.57849474	2.92798671	2.73343013	2.73417399	3.1860707	3.3473589	3.16483887
0.72711536	0.45781062	0.10201525	0.27968435	1.00E-04	0.82159847	0.13285762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0853684	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18055751	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44212204	0.31405334	0.27773957	0.31042657	1.00E-04	0.5864982	1.00E-04
0.64455151	0.15452825	0.20464988	0.36974096	0.38488463	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06081031	0.11265318	1.00E-04	0.27710863	1.00E-04
1.00E-04	1.00E-04	0.21165452	0.20737552	1.00E-04	1.00E-04	0.23378191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15417483	0.12675313	0.07450971	1.00E-04	1.00E-04	1.00E-04
2.05904495	2.07606875	1.93693533	2.00600271	1.00E-04	1.00E-04	0.56598397
1.00E-04	1.00E-04	0.18539862	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92417123	1.00E-04	0.22093515	0.20674	1.00E-04	1.04300631	0.81786706
0.4099255	0.28797137	0.48091261	0.78624511	1.00E-04	1.00E-04	1.00E-04
2.64583358	1.43321483	0.90001116	1.54281699	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.34169862	0.81408682	1.07341464	0.53515803	0.77359346	0.69846991
1.00E-04	1.00E-04	0.04301413	0.06169557	1.00E-04	0.43377687	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58891682	1.3048996	0.40631614	2.88402331	3.95029974	5.20054611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54668734	1.00E-04
2.75693996	2.88262048	2.87138172	2.77422727	1.39109111	2.02860996	2.24421279
0.26718572	0.05947039	0.1450974	0.12469714	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14919952	0.1192735	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48705421	1.03095991	1.1825656	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18468075	1.00E-04	1.00E-04	1.00E-04

0.17300709	0.23548697	0.23880583	0.14196792	1.00E-04	1.00E-04	0.13723188
1.00E-04	1.00E-04	0.04369184	1.00E-04	1.00E-04	1.00E-04	0.15149617
1.00E-04	1.00E-04	0.27080286	0.15972866	1.00E-04	1.00E-04	1.00E-04
0.91203052	1.01680239	0.40767424	0.95339057	0.38091442	0.70531231	0.56708147
1.79399902	1.81886796	2.82577301	2.58663179	0.38530742	0.82044022	0.94585017
1.00E-04	0.4507681	1.09279355	1.49012599	1.40734647	1.26159985	0.33609997
1.87529986	2.08496808	2.94539868	3.08201845	1.00E-04	1.78947254	2.5456844
0.9057151	1.24159539	0.82953776	0.64781374	1.00E-04	0.27052208	0.09464396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21967902	0.05203403	1.00E-04	0.5982431	0.14939575	1.00E-04
0.66093611	0.50158363	0.42457654	0.47018599	1.00E-04	0.65029787	0.81589962
1.00E-04	0.05411367	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.334196	0.46370289	0.15423626	0.22713815	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25119537	0.29708023	0.29116808	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04402075	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.008571	2.2912907	2.27321528	2.07905456	1.00E-04	1.0666234	0.77863889
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.95002909	0.69991904	0.76319845	1.00E-04	0.14310979	1.00704542
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28191199	1.00E-04
1.00E-04	1.00E-04	0.25411523	0.11125622	1.00E-04	0.32800835	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55290053	0.9582506	0.63154498	0.35344337	3.08701437	2.17547367	0.70508388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15283826	1.03926264	1.32784365	1.71050833	2.34192739	1.3437846	1.18506161
1.00E-04	0.33179313	0.07541522	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56498739	0.55657219	0.22485824	0.23394179	0.65823999	1.19665925	0.68211445
1.00E-04	1.00E-04	1.00E-04	0.06237023	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17782435	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06350321	0.22930325	1.00E-04	1.00E-04	1.00E-04
1.47410248	2.02835838	1.94639242	1.8999467	2.22054463	2.83226005	2.43434797
0.84946564	1.03069465	0.7498764	0.65832213	0.97000611	0.76894659	1.33016935
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06630649	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04584385	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85111946	0.20283809
0.26710345	0.63743348	0.15135472	0.24472542	1.00E-04	1.00E-04	0.21495559
1.36089149	1.87823482	1.2439155	1.29019429	1.91077195	2.33542375	1.2049646
1.79000763	2.17763694	1.68838167	1.9496464	0.63583153	1.35618599	1.95871008
0.15815701	0.63242041	0.53145826	0.71191854	2.01935255	2.2120175	1.87934175
1.00E-04	1.00E-04	0.23958845	0.15147915	1.00E-04	0.79707456	0.29498655
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04375184	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09787684	1.00E-04	1.00E-04	1.00E-04
0.62247428	0.6236327	0.29462844	0.22913357	2.49726795	2.26154262	0.93230336
1.00E-04	1.00E-04	0.11708819	0.21315942	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46225385	0.11009389	0.15946784	0.17669416	1.27436181	0.89570718	0.75500248
1.00E-04	1.00E-04	0.21585087	1.00E-04	1.00E-04	1.00E-04	0.51283569
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.9699655	2.31963992	2.10730363	2.47552778	0.40674922	2.36450405	2.45485283
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75098065	0.26867955	0.09035478	0.53404229	3.40785373	2.92162949	2.76508305
1.00E-04	1.00E-04	1.00E-04	0.1100117	1.00E-04	1.00E-04	1.00E-04
0.511501	0.63287105	0.41296002	0.21409204	0.98357083	1.64349294	0.31441347
0.94735214	1.11451343	1.97130734	1.82878633	0.63609922	0.27371291	1.19895455
1.00E-04	1.00E-04	0.28351941	0.30362168	1.00E-04	1.00E-04	0.43521986
2.56598479	2.68187596	2.26916766	2.41670025	2.53157135	3.04314127	2.634867
1.00E-04	0.2316325	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06517759	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26578396	0.55051247	0.42913915	2.04938567	1.47260246	1.23351685
1.00E-04	0.51087847	0.43210258	0.45798772	0.71649841	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03836408	0.06479977	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10612209	1.00E-04	1.00E-04	1.00E-04	0.4824001
1.00E-04	1.00E-04	1.00E-04	0.09546902	1.00E-04	1.00E-04	1.00E-04
1.0993592	0.55712057	0.69658249	1.04482003	1.00E-04	0.39919204	1.00E-04
1.00E-04	1.00E-04	0.04812399	0.0990141	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75478879	1.18264072	0.94895157	1.26575136	1.46455004	2.85661517	2.25472457
1.00E-04	0.58355286	0.15846007	0.12220835	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1024897	0.07813495	0.24496797	1.00E-04	1.00E-04
0.18926183	0.29012683	0.2340341	0.16782329	1.00E-04	0.95569007	1.00E-04

6.33521087	6.33051567	6.05919865	6.07849687	1.00E-04	2.65498464	2.81802347
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48219162	2.0410185	1.49940215	1.70922026	2.55147097	2.53898577	2.2407426
0.44098662	0.11863037	0.88766495	0.48020078	1.00E-04	1.00E-04	1.5157794
0.62381596	0.44242349	0.21683707	0.4919587	1.54495504	0.95096522	0.40700307
0.76291638	1.00E-04	1.00E-04	0.15153773	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47640127	1.62245352	1.69162407	1.66141511	1.00E-04	1.10535892	1.11402555
1.58042629	2.11787388	2.10603066	2.22992731	0.74910948	1.61197116	2.16396514
1.00E-04	1.00E-04	0.0599162	0.091701	1.00E-04	1.00E-04	1.00E-04
1.9278759	1.4090585	1.7184785	1.96412223	0.69694169	1.28521684	1.92216586
1.00E-04	1.00E-04	0.04453826	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33388909	0.4649814	0.3908095	0.0846696	0.74462267	1.25391818	0.70295563
1.00E-04	1.00E-04	1.00E-04	0.06690975	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06928578	0.03049986	1.00E-04	0.4280489	1.00E-04
1.00E-04	1.00E-04	0.03953111	0.06430771	0.40975599	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17349997
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13147516	0.46010572	0.82216519	1.00E-04	1.00E-04	1.00E-04
0.23666261	0.36364327	0.2513614	0.31671606	1.00E-04	0.36741216	0.66970488
1.00E-04	1.00E-04	1.00E-04	0.10817938	1.00E-04	0.35498049	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21771568	0.2440075	0.09150971	0.25600317	1.00E-04	0.38639393	1.00E-04
0.17887386	0.58211239	0.5755558	0.76067605	0.52474525	0.60556515	1.33178791
0.28131421	0.21345302	1.00E-04	0.06046751	1.00E-04	1.00E-04	1.00E-04
1.37715821	1.91856987	1.13990961	1.26107438	1.00E-04	0.9013823	0.86331103
0.38316668	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05146058	0.59547666	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29138726	1.00E-04	0.09660556	0.24084748	1.00E-04	1.00E-04	1.00E-04
0.3141684	0.3430052	0.61905215	0.69018318	1.00E-04	0.37672861	0.36729731
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08819808	1.00E-04	1.00E-04	1.00E-04
0.28742455	0.4425446	0.21675101	0.33179771	1.00E-04	0.57577492	0.55484029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1390377	0.07870719	1.00E-04	1.00E-04	1.00E-04
0.48023911	1.63736868	0.71872123	0.74202979	1.13787564	1.66433874	0.81705545

1.00E-04	0.11560171	0.15507384	1.00E-04	3.50440265	3.12979309	2.86130955
1.00E-04	1.00E-04	1.00E-04	0.11474558	1.00E-04	1.00E-04	1.00E-04
0.31926856	0.64988488	0.16840294	0.60191257	0.38488463	0.86000056	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.2274164	1.00E-04	1.00E-04	1.00E-04
1.03041536	0.92830646	0.69598943	0.64564596	0.67391014	0.61786682	1.1252997
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19785054	0.1318738	0.09481327	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71886312	0.14758986	0.23033945	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64307432	0.99671913	0.82464602	1.0854439	2.9192478	1.89889652	1.2936852
1.00E-04	1.00E-04	0.13233093	0.08035962	1.00E-04	1.00E-04	0.1313165
1.00E-04	0.77309894	0.29159495	0.09554093	1.00E-04	1.00E-04	0.17016891
1.00E-04	1.00E-04	0.1930785	0.13679265	1.00E-04	0.836478	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0385676	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40179705	1.00E-04
1.45973208	1.39350866	1.19887082	1.21380612	1.25310911	0.81750925	1.7001049
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42000531	1.66398032	1.42458828	1.55490206	1.19866037	2.50105605	1.91373281
1.00E-04	0.31782811	0.03548458	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27894759	1.61724793	1.6056382	1.63312649	0.54050558	1.19359875	0.85913445
1.95023968	1.97529446	2.26952895	2.48595415	2.70953095	2.6840007	2.04665623
0.64695438	1.40714251	1.14135206	1.6767089	0.79301614	2.31339771	2.31624997
1.00E-04	1.00E-04	0.25210206	0.31597601	1.00E-04	1.00E-04	0.18401526
1.00E-04	0.46400198	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55660467	0.71786507	0.19471168	0.32379529	1.30592865	1.05002064	1.00E-04
0.86194176	0.80876472	0.50701723	0.38243398	1.21699146	0.99265922	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34264694	1.81428256	0.69950409	0.8355438	1.00E-04	1.82127889	0.88686083
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45436532	0.59436178	0.75789687	0.75079923	1.00E-04	1.00E-04	0.52989405
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50044478	2.26768933	2.76956008	2.32657267	1.00E-04	2.38591804	3.42251476
0.75951009	0.38630501	0.87923315	0.83743054	0.6397631	0.61206646	1.11689202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2633732	0.56440721	0.27166733	0.33993376	1.00E-04	1.04300631	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06662263	1.00E-04	1.00E-04	1.00E-04
0.28642711	0.45544719	0.49062447	0.66384146	1.68322432	2.3693862	2.58054385
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.68372696	1.21934645	0.91907041	0.8081068	1.00E-04	1.62123437	0.77546371
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21151196	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62501785	2.64696363	2.74230093	3.06161003	1.85773989	2.72085586	3.13202836
1.14996216	1.29366366	1.49703339	1.57283991	1.36910233	2.42243408	1.90542664
1.00E-04	0.80710328	0.04216459	1.00E-04	1.00E-04	0.29138547	0.5177364
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72042563	1.07885611	1.23223251	1.33770262	1.13779516	0.78526249	1.42122695
1.00E-04	1.00E-04	0.15400437	0.05441618	1.00E-04	1.00E-04	0.19293133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96622198	1.21509071	0.99786559	0.73516793	1.20983361	1.60504623	1.03635496
1.00E-04	0.83071377	0.4595265	0.48374645	1.00E-04	0.41062688	0.98274788
1.00E-04	0.229472	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98799009	0.82809193	1.58254326	1.51616066	1.00E-04	1.33429337	1.72060873
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1874069	0.82848055	0.26445541	0.48885327	1.00E-04	0.27371291	1.16980044
1.00E-04	1.00E-04	0.2114954	0.06367765	1.00E-04	0.2827378	1.00E-04
1.00E-04	0.06778941	1.00E-04	1.00E-04	1.00E-04	0.47271466	0.79223293
1.00E-04	1.00E-04	0.05468962	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20902552	0.68229452	0.78476374	0.24561955	1.78782131	1.92040068	1.545366
1.50685254	1.86953088	1.76497368	1.81309599	1.79549557	2.66839779	2.14570235
0.238384	0.3189938	0.24620869	0.29390212	1.00E-04	1.00E-04	1.13095117
1.00E-04	0.0958853	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56461826	0.33158756	0.44282547	0.20975539	1.00E-04	0.23689648	0.35379741
1.00E-04	0.5601058	0.53822794	0.37220292	1.00E-04	1.00E-04	0.83840074
1.00E-04	0.52346016	0.06447053	0.05672438	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05291437	0.04630302	1.00E-04	1.00E-04	1.00E-04
0.68638116	0.41502815	0.05998302	0.2821016	0.38488463	0.59376459	0.55942246
0.25124821	1.00E-04	0.07725425	0.16822151	1.00E-04	1.00E-04	0.53071503
0.88992045	0.07806238	0.57883844	0.18800574	1.2055826	1.00E-04	0.3937581
1.36854574	2.21679991	2.47512429	2.3002537	1.91896225	0.88540898	1.60227865
1.00E-04	0.17883191	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16984549	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08105997	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2425114	1.94793692	1.42038471	1.2782784	2.37593701	2.60856731	3.42623598
1.00E-04	1.00E-04	1.00E-04	0.08500478	1.00E-04	1.00E-04	1.00E-04
0.73418981	1.00E-04	0.25570532	0.04302452	1.38792809	1.40594725	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.05483253	1.00E-04	0.86940319	1.00E-04
1.00E-04	0.229681	0.2337117	0.47970984	1.00E-04	2.9056833	1.54822978
1.00E-04	1.00E-04	1.00E-04	0.06938506	1.2962658	1.44593434	1.07056832
1.00E-04	0.74177254	0.34082663	0.40160623	1.00E-04	1.00E-04	0.16257726
1.00E-04	1.00E-04	1.00E-04	0.26611699	1.00E-04	1.00E-04	1.00E-04
1.91040564	1.93533106	1.75369104	1.66200316	2.59027561	2.14370187	1.68901589
1.00E-04	1.00E-04	0.16225139	0.13801003	1.00E-04	1.00E-04	0.42381331
0.49176361	0.79278792	0.5898959	0.64223342	0.70997801	0.21699698	1.32899517
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26009665	0.93085973	1.12264927	1.14093013	1.00E-04	0.89891729	1.62095517
1.00E-04	0.1714881	0.25604084	0.16500191	0.45889659	0.86324	0.64101181
1.00E-04	0.42465058	0.24487564	0.18668067	0.96213325	0.98526481	1.00298072
1.00E-04	1.00E-04	0.36518512	1.00E-04	1.00E-04	1.00871504	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14331604	0.06376596	0.03516101	1.00E-04	1.00E-04	1.00E-04
1.98842453	1.59686778	1.67800426	1.73403963	4.47409449	3.55861824	3.66203564
0.18986072	1.00E-04	0.08348239	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38615135	0.69041643	0.50680509	0.8523867	0.92813488	0.83542025	1.00E-04
1.18229239	0.78751991	0.71211549	0.59425459	0.38091442	0.61280762	0.50180541
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42197018	1.00E-04	0.1989351
4.24088717	4.41226996	3.84020924	3.74125734	4.6729577	4.65489369	4.00414631
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15386727	0.26556219	1.00E-04	1.00E-04	1.00E-04
0.56162952	1.00E-04	0.37571308	0.39638802	0.35320673	2.03720454	0.60296172
2.02155338	2.54080194	2.65072352	2.77714534	1.90135261	2.3418873	2.69266672
1.00E-04	0.46055121	1.6068108	1.69252528	1.00E-04	0.71046722	1.80823352
1.00E-04	0.27841187	0.4047891	0.37056251	1.00E-04	0.88714524	1.00E-04
0.35383474	0.77983526	0.71100184	0.82903785	1.00E-04	1.37791414	1.3160777
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1709163	0.1998498	0.10309485	0.13153908	1.00E-04	0.22143361	1.00E-04
0.87372299	1.28410526	1.20604217	1.57871398	1.72317741	2.59084608	1.666749
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23269999	0.16339373	0.07350923	0.18220072	1.00E-04	1.00E-04	0.13785291
1.00E-04	1.00E-04	0.21754495	0.14189127	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48556739	1.24458693	1.60147204	1.32460327	1.00E-04	1.00E-04	1.00E-04
1.9284948	1.60673224	1.81515544	2.07315657	1.74532384	2.34557629	2.49412525
1.00E-04	1.00E-04	1.00E-04	0.05571794	1.00E-04	0.51869145	0.16909838

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10224526	1.7235582	1.77361829	1.84687605	1.62013536	1.66366966	1.53389255
1.77859849	1.96414361	2.06863521	2.51000691	2.28795036	2.65114299	2.72111641
0.95730287	1.00E-04	0.95234084	1.10588692	1.13079916	0.61780969	1.00086202
1.20925078	0.3654976	1.78523859	1.67548127	0.84170807	0.99189393	1.21315313
0.49427105	0.33311471	0.17066504	0.26290109	3.6562466	3.7705719	3.2576838
0.27815512	0.47309722	0.23730889	0.0460361	1.92971566	0.6052469	0.34044934
1.00E-04	1.00E-04	0.07149622	1.00E-04	1.00E-04	1.1433656	0.31671355
0.18368792	0.15174552	0.0852472	0.13339617	1.00E-04	0.35904325	0.1625546
3.81332524	3.93717933	3.34333832	3.26097636	4.47445619	4.2269092	4.0111269
1.00E-04	1.00E-04	1.00E-04	0.0497478	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42761435	1.01826931	1.45849702	1.57567436	1.57667572	0.86939993	1.29893129
1.00E-04	1.00E-04	0.07265522	0.05556287	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13562732	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88539849	0.3170197	1.45721513	1.48500966	1.00E-04	1.71956075	0.41978507
4.19720112	4.3933359	4.78380528	4.67368213	3.1451053	3.4583209	3.6202659
0.62041775	0.91337176	0.6543103	0.70969128	1.18489936	0.74152504	0.30631903
1.00E-04	1.00E-04	0.0464615	0.10364322	1.00E-04	1.00E-04	1.00E-04
0.69873669	0.72867323	0.34706642	0.31943209	1.00E-04	1.00E-04	0.13866036
0.47021875	0.08572866	0.31141835	0.4634208	1.00E-04	1.00E-04	0.13723188
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22057069	1.00E-04
1.23927519	1.36762306	2.09581307	2.21194326	0.74169797	1.33336472	1.86527441
1.00E-04	0.23921457	0.14877939	0.35264629	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13487795	0.11434681	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10785897
1.00E-04	1.00E-04	0.44422482	0.18593886	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03944417	0.0577798	1.00E-04	0.78330656	0.3216658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.35687664	1.00E-04	0.0506126	0.38530742	1.00E-04	1.00E-04
0.83842578	0.50944749	0.69778466	0.7367557	0.90031572	1.423381	0.39847871
1.00E-04	1.00E-04	1.00E-04	0.12669561	1.00E-04	1.00E-04	0.59069095
1.00E-04	1.00E-04	1.00E-04	0.10851564	1.00E-04	1.00E-04	1.00E-04
0.86204129	0.28739561	0.43330171	0.65478358	1.00E-04	1.20329985	1.00E-04
1.00E-04	0.75675057	0.48794395	0.68634688	1.00E-04	0.90662939	1.00E-04
1.44126164	1.64178728	1.41097727	1.28441741	1.3536373	1.76637303	2.10227142
1.00E-04	1.00E-04	0.0556745	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45341453	0.72915788	1.59651772	2.19193898	1.08201212	1.49105283	1.7102509
5.51381138	5.50368788	5.10140096	5.28702152	5.8868395	5.7083069	5.92467856

1.00E-04	1.00E-04	0.06581158	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20324719	0.97580901	1.69202281	1.45351608	1.02629614	0.46412906	1.46217773
1.00E-04	1.00E-04	0.18305471	0.42197822	1.00E-04	0.43385867	0.3841957
1.00E-04	1.00E-04	0.42357426	0.04930029	1.00E-04	1.00E-04	0.26354179
1.00E-04	1.00E-04	1.00E-04	0.04601337	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49770235	0.72901205	1.76399924	1.41450586	0.40912496	0.1982747	1.10786492
1.00E-04	0.24731242	0.21392407	0.24203738	0.61305258	0.1839207	0.84982984
1.00E-04	1.00E-04	0.08575643	0.19846344	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36153968	1.00E-04	0.15328251	0.24266956	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.51053546	0.55075055	0.75493187	1.00E-04	0.92086412	0.6334627
1.00E-04	1.00E-04	0.04130985	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50894684	1.92571725	2.36495094
0.87025557	1.23417866	1.23703001	1.10908072	1.49005508	1.1474226	0.76481709
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.91389509	3.57328172	2.75372351	2.86300038	2.99239683	3.54818502	2.73403408
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23472517
1.00E-04	1.07289826	0.72720531	0.8603885	0.58708779	1.00E-04	1.32817796
1.00E-04	0.20116123	0.06735946	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49024145	1.00E-04	0.46400338	0.54463682	0.38488463	1.30410352	0.15942843
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.54262473	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.29346598	1.00E-04	1.00E-04	0.24554172
0.26044797	1.00E-04	1.00E-04	0.11499996	1.00E-04	1.00E-04	1.00E-04
0.62441865	0.26285974	0.41931271	0.68928403	1.00E-04	1.12645097	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.21383789	1.00E-04	1.00E-04	0.7991474
1.00E-04	1.00E-04	0.11924602	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07659289	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47712528	0.331724	0.29126504	1.00E-04	0.35022614	0.20964658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.39290586
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16714916	0.07829268	1.00E-04	1.00E-04	0.89889756	1.00E-04
1.55490519	1.392647	1.34986357	0.84467582	0.54293045	0.99602582	1.16212887
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71367717	2.89822778	2.55820753	2.64282861	1.95091981	2.34055471	2.34488576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36619253	1.00E-04
1.00E-04	0.14180904	0.07158148	0.27975168	1.00E-04	0.67739365	0.80454749
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.61072417	0.52374974	0.2105387	2.06101255	1.1056429	2.35500511

2.12944309	1.81962546	2.39870364	2.76548556	1.47875443	2.37636659	2.34518884
1.00E-04	0.39385959	0.03494979	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26570255	1.00E-04	0.1492269	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92003254	1.80687983	1.09929626	1.15352301	1.61349978	1.55679884	1.24132616
0.50959744	0.51134792	0.42770102	0.15011469	1.00291512	0.52691586	0.37440717
1.00E-04	1.00E-04	1.00E-04	0.03135512	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63467743
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32742978	0.74580473	1.00995717	0.97099598	1.84527041	1.92807138	2.69950732
0.49596984	0.52979681	0.47039497	0.43713755	1.00E-04	0.14310979	0.94850239
0.13871239	0.24185399	0.32223318	0.17731686	1.00E-04	1.00E-04	0.23284032
1.00E-04	1.00E-04	0.14326161	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91054088	1.51652126	1.20019917	1.16921795	2.22542817	1.94174343	2.26261117
2.8457622	2.63088046	2.06639227	2.19439209	3.41537843	3.12104012	3.7657938
1.00E-04	1.00E-04	0.05032072	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4683059	1.24072344	1.24205155
1.70553649	0.96478417	1.55625608	1.2691264	2.17133671	1.12954761	1.84625274
1.00E-04	0.75261438	0.05378197	0.16228259	1.00E-04	0.57983433	0.16770769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17018868	0.22389244	1.00E-04	1.00E-04	0.56435897	1.00E-04
1.00E-04	1.00E-04	0.19942198	0.27635845	1.00E-04	1.39420789	0.85008035
1.00E-04	1.00E-04	1.00E-04	0.06994076	1.00E-04	1.00E-04	0.35299246
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08116576	2.00601661	0.78736918	0.71113736	0.90519918	1.69727693	0.19124552
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.87007908	4.80028885	3.68370801	3.68672159	4.64437081	5.21552778	4.06041617
1.00E-04	1.00E-04	1.00E-04	0.05961622	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02604918	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18669663	0.03950789	1.00E-04	1.00E-04	1.00E-04	0.17016891
0.67464113	1.00E-04	0.32336246	0.57146661	1.21478763	1.64790806	1.3589349
1.84464282	1.63026028	1.54543631	1.7619259	2.02013678	2.80370213	2.35621236
1.61135468	1.50602083	1.56047241	1.84790837	1.89517291	2.25357798	2.37355122
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22054324	0.03629366	0.09034031	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.65312067	3.65104966	3.10420632	3.3296131	4.55630417	4.39768021	4.10913963
0.88442467	0.87584046	1.1156428	1.33274091	1.00E-04	0.7734122	0.55803142
0.94295206	0.66033824	0.40962382	0.55837417	2.72534857	1.63228135	0.73121712
1.00E-04	0.14127426	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.51918389	0.43911806	0.56787871	0.47108099	4.2866867	3.4391674	2.84649318
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27050433	1.0398829	1.53742911	1.5909502	1.90361827	2.08009908	1.44595243
1.33268157	1.11064863	1.48563614	1.52963783	0.69694169	0.89313625	2.00804842
2.51672225	3.01261669	3.15953469	2.91656291	2.81425938	2.87718484	3.41266404
1.00E-04	0.26458583	1.00E-04	0.05282214	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18654701	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.97327869	1.09600787	0.46743878
1.00E-04	1.00E-04	1.00E-04	0.09572295	1.00E-04	1.00E-04	0.26335569
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79403185	0.33049176	0.26861425	0.28094036	0.63609922	0.66915497	0.780778
0.59951508	0.43890429	0.50651405	0.52099745	1.00E-04	0.0838544	0.11699513
0.23936956	0.34520344	1.00E-04	0.12068117	1.00E-04	1.00E-04	1.00E-04
2.00425718	2.80159959	2.22195958	2.01752846	3.52145075	3.17915134	3.18972422
1.00E-04	1.00E-04	0.11619463	0.17198721	1.00E-04	0.78270484	0.81672553
0.55036937	0.18777239	0.19146462	1.00E-04	1.00E-04	0.14939575	0.4460272
1.00E-04	1.00E-04	0.07979117	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39338774	0.94979479	0.26657087	0.44191112	0.4683059	2.04440652	0.39482083
0.40171885	1.00E-04	0.21861528	0.18056452	1.00E-04	1.00E-04	0.09464396
1.00E-04	0.19122029	0.03153307	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31246706	0.17652021	0.35301957	0.26423302	1.00E-04	0.27580628	0.73504725
0.76513836	1.13830491	0.92381307	1.07800971	1.84285913	1.5806151	0.3802323
2.3537514	2.74584909	2.34713875	2.15650073	2.90209115	3.28518609	2.88515433
0.31354241	1.16307332	0.6009937	0.32185786	2.08536068	1.8095766	0.50230502
1.00E-04	1.00E-04	1.00E-04	0.10810924	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04875848	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08849776	0.13570262	0.44085717	1.68312819	1.84059601
1.00E-04	1.00E-04	1.00E-04	0.04984539	1.00E-04	1.00E-04	1.00E-04
1.09714925	1.3802768	1.22992445	1.08156143	0.87288832	1.07834661	0.7876919
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62490615
2.05002594	2.0228648	1.85075829	1.94066413	0.9031855	1.63103497	1.90870596
0.20534776	1.18151982	0.29918146	0.65467291	0.53515803	0.56429057	1.49260456
1.00E-04	0.96357612	0.13938898	1.00E-04	1.00E-04	1.00E-04	0.23904354
1.78002724	1.89191585	1.26295622	1.15551715	1.5284163	1.95429083	1.31754774
1.0975441	0.92391254	0.4382048	0.648952	0.49775343	1.06972145	0.96184378
0.54368566	0.19615963	0.81844043	0.26218483	1.00E-04	1.00E-04	0.4658444
0.55607735	1.00E-04	0.08450567	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90443102
1.00E-04	0.43425451	0.12316946	0.12736833	1.61682068	0.19340846	1.00E-04
1.00E-04	1.00E-04	0.1818135	0.15416331	1.00E-04	1.00E-04	0.11565659

0.20887487	0.30705898	0.25838744	0.23127991	1.00E-04	1.00E-04	0.50706663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40752836	1.00E-04
0.68687548	0.72475871	0.5540716	0.45848382	0.75252756	1.31478215	0.26739855
0.80294685	0.80379877	0.67973112	0.76629063	1.86696068	0.85056095	1.46697869
1.00E-04	0.33288246	0.53532938	0.7147155	3.21921016	1.88569166	2.29781755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45995114	1.57368597	1.12250012	1.14398178	0.9903173	0.58412733	0.54430398
0.7286973	1.67204675	1.24669895	1.24399592	0.89284325	0.60678282	0.69624841
1.00E-04	1.00E-04	0.04252453	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1187878	1.39869999	1.42568712	1.04070319	1.48474111	1.61567736	2.63440362
0.39601316	1.00E-04	0.5087627	0.52733197	0.24496797	0.24246782	0.59628528
1.00E-04	1.00E-04	0.09026497	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50061749	0.65880427	0.56305787	0.26148937	1.00E-04	0.73340995	0.76728725
0.20345	0.96908151	0.32017113	0.67653186	2.28073395	1.02385509	0.93008724
1.00E-04	0.32693157	0.07702557	0.08010619	1.00E-04	0.55680923	1.00E-04
1.00E-04	1.00E-04	0.04259861	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27678305	0.07079121	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04778204	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40237598	0.26149509	0.09510606	0.40705863	1.00E-04	0.58148952	0.3392339
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9737676	1.26069833	1.59028889	1.40442882	0.94476742	0.7637303	1.59108684
1.00E-04	0.27544108	1.00E-04	0.06909342	1.00E-04	1.00E-04	1.00E-04
0.23936956	1.00E-04	0.03709442	0.06855105	1.00E-04	0.06695938	1.00E-04
1.00E-04	1.00E-04	0.06539398	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07791835	0.13806395	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07764835	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58161408	1.03035146	1.67693576	2.0382652	1.00553497	0.67773289	1.40981902
0.56540011	0.95714784	0.46055143	0.44575234	0.54065888	0.36174581	1.00E-04
0.84588272	0.7282046	1.3675379	1.17139606	0.94704498	0.74428748	1.00382969
1.63305572	2.5225532	2.64558256	2.80195284	0.75843434	2.38766821	1.34444541
1.30005545	1.27459518	1.42380646	1.43083904	1.00E-04	0.57555458	1.34461581
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.70094414	0.03047567	0.08685456	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04733209	0.49333334	0.52541031	0.88903714	0.59867432	0.90268303
0.74103957	0.36047635	0.27506092	0.707197	1.00E-04	0.69303378	0.59820311
0.74658669	1.00E-04	0.08488313	0.14285213	1.00E-04	1.00E-04	0.36761661
1.00E-04	0.25132065	0.14664517	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60587836	0.50484374	0.73476407	0.7335782	1.3602774	1.22336988	0.93135499
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75367296	2.85181899	2.66019578	2.96580477	1.98933822	2.8526379	2.28513045

1.00E-04	1.00E-04	0.11534626	0.08938322	1.00E-04	0.74103658	1.00E-04
1.71176987	1.2930445	0.91550783	0.46146324	1.00E-04	0.70451593	0.60606377
0.51730051	0.48127204	0.37151268	0.36145874	0.74462267	0.51216507	0.66205541
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.62868624	0.40420542	1.00E-04	1.4065611	1.73409042
1.02935623	1.1598671	1.70018148	1.43429566	2.7174626	2.55760013	1.71398151
0.80264248	1.18504276	1.1819228	1.24348298	3.18528222	2.63111267	1.94386702
1.00E-04	1.00E-04	0.05301867	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55210903	1.00E-04	0.34128077	0.39943284	1.00E-04	1.00E-04	0.24295541
1.00E-04	1.00E-04	0.06790371	1.00E-04	2.8377443	2.93488825	3.10086924
1.3648571	0.62976594	0.59588956	0.07015145	1.00E-04	1.00E-04	0.09464396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.49269767	0.03482762	0.07494938	1.00E-04	1.17945472	1.14487161
1.00E-04	0.0723876	0.19478398	1.00E-04	1.13615852	1.00E-04	0.74285659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12130432	0.17037153	0.09395565	0.16698915	1.00E-04	1.00E-04	0.28336712
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18762111	1.14974246	0.53694669	0.74510716	1.00E-04	0.97899539	1.33714505
1.00E-04	1.00E-04	0.04563386	0.09604088	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07039206	0.08753487	1.00E-04	1.00E-04	1.00E-04
1.01201626	0.05411367	0.11609089	0.18011017	1.3451714	0.19146001	1.00E-04
1.56819701	1.90995402	2.23689254	2.31012696	1.26211752	1.66053902	1.69339433
1.00E-04	0.07314043	1.00E-04	0.08637125	1.00E-04	0.83905318	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06245385	1.00E-04	1.00E-04	0.37964136
0.94601304	1.2670941	1.2230922	1.20208524	1.00E-04	1.01815602	1.32053014
0.32656027	1.00E-04	0.05530815	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49413808	1.42805264	0.97280645	1.34527116	1.00E-04	0.75778506	0.72101607
1.00E-04	1.00E-04	0.08744651	0.03752582	1.00E-04	1.00E-04	1.00E-04
1.25059568	1.61499334	0.97908065	1.23136528	0.54065888	1.03504601	1.67826396
1.00E-04	1.00E-04	0.03814647	0.15752153	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67879439	0.34008686	0.56137469	0.52474525	1.00E-04	1.238308
1.5650526	1.08176727	1.07803543	1.40069517	0.78180432	1.68966499	2.20711695
0.17828755	0.27972711	0.05478302	0.43551042	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.49064234	1.65021285	1.0570476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49508359	0.90538255	1.26774829	1.24807709	0.24496797	1.53006156	1.28925958
1.62832123	1.7776425	1.79188975	2.10739254	1.00E-04	1.23665795	1.24061423
0.17061638	1.03863352	1.19977823	1.18727052	1.00E-04	0.81988576	1.14236086
1.00E-04	0.29654504	0.23067995	0.28223874	1.00E-04	1.00E-04	0.18220108

1.03002373	0.86901329	0.56430917	0.75164629	1.60400256	0.58328955	0.83605151
1.00E-04	1.00E-04	0.16526609	0.23550299	1.00E-04	0.61786682	1.00E-04
0.32848279	0.17357925	0.20523019	0.07611304	1.00E-04	0.27972467	1.00E-04
0.30818412	0.12648973	0.12838504	0.03851865	0.48823099	1.00E-04	0.19482141
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74380735	0.16211403	0.24533162	1.00E-04	0.55200415	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98528718	0.87690342	0.44360825	0.65930804	0.24496797	0.62152191	1.33934058
1.00E-04	1.00E-04	0.14353847	0.12155211	1.00E-04	0.27052208	1.00E-04
1.00E-04	1.00E-04	0.04651774	1.00E-04	1.00E-04	1.00E-04	0.12174474
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13071865	0.89026325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16864963	1.00E-04	0.04146267	0.17595726	1.00E-04	1.00E-04	1.00E-04
1.06610617	0.51107152	0.04720346	1.00E-04	0.54258268	0.31292031	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0511779	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05033913	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07314269	0.03275492	1.00E-04	0.35498049	0.70835358
1.00E-04	0.22848446	0.04589861	0.09975666	1.00E-04	1.00E-04	0.50935609
1.00E-04	1.00E-04	1.00E-04	0.06957508	1.00E-04	1.06826759	0.76941682
1.94190923	1.66173198	1.31238224	1.41977867	1.77068755	1.89822705	0.93267355
1.84074044	1.81895958	1.58043403	1.25908118	2.59763956	2.04564647	1.71314077
1.57951727	1.27237865	1.12974405	1.31261503	0.99899527	1.59543795	1.49157849
1.00E-04	0.33411215	0.03840242	1.00E-04	2.09545561	1.96936302	0.79249605
2.30147126	2.19149364	2.5742725	2.56062421	1.79875978	2.79660989	2.41252788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49171811	1.64279415	2.18482849	2.27111786	1.38313851	1.10759463	1.61036906
3.17548892	3.02594818	2.6752215	2.61114911	2.21163601	2.69363353	2.60882093
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18926183	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70952429	1.65024394	1.11047017	0.88357524	1.00E-04	1.28675725	0.74998565
0.83152601	0.6313676	0.41749356	0.765066	0.48060496	0.51344397	0.87484749
1.7418797	0.88636025	1.25663094	0.6997576	0.49348739	0.84410843	0.68824073
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24163841	0.37979494	0.16067682	2.62186925	2.01297905	2.14131895
0.22056111	0.37531596	0.30188498	0.45093125	1.00E-04	0.38608859	0.5365547
1.00E-04	0.39809283	0.1699472	0.06225907	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21233045	0.06423811	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.5493041	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10196977	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45199338	0.33757165	0.51868035	0.49310865	1.00E-04	0.23861232	0.51309184
1.00E-04	0.32810663	0.16449583	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18481902	1.6556534	1.19387476	1.3577297	2.70261204	1.4536715	1.79789334
2.29103035	2.51344583	2.55858036	2.11047373	2.61313481	1.66345152	1.65485017
1.36668551	0.37294782	0.76920544	0.34161713	3.3918819	3.88405105	3.4700434
1.00E-04	0.12550133	0.17943074	0.04936124	0.65823999	1.64491035	1.00697294
2.50260879	2.84209799	2.35101671	2.12514577	2.92167525	2.33795506	2.03760913
1.84071117	2.02430235	2.43131478	2.64651063	2.20604577	3.21575133	3.22008075
1.68462424	1.63092684	1.41674558	1.13964398	1.7617491	1.69458258	1.51260673
1.00E-04	0.08149241	0.17938713	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82763518	1.15256642	1.77112609	1.50950811	1.32503502	0.84355074	1.37441721
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24554172
0.46165801	0.21118309	0.32341212	0.44685182	0.88187988	1.05131017	0.51395769
1.00E-04	1.00E-04	0.04863739	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05671287	1.00E-04	1.00E-04	1.00E-04
1.06127358	0.73838826	1.35557239	1.52267389	0.97393627	0.72271082	1.71964728
1.01408394	0.67217709	0.58143158	0.83534112	1.00E-04	1.00E-04	1.0861377
0.46467151	0.99815722	2.11102602	2.06331433	1.00E-04	0.59610667	2.01071631
1.00E-04	1.19477796	0.51047482	0.80820295	1.27586084	1.33731203	1.52043401
0.26178384	1.00E-04	1.00E-04	0.0397794	1.00E-04	1.00E-04	1.00E-04
2.5686048	2.28524478	2.3208693	2.5494282	2.46496714	2.90471105	2.57338267
1.60950823	1.80384062	2.399942	2.40357767	1.28722982	2.44034071	2.93767542
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24496797	1.00E-04	1.00E-04
1.00E-04	0.65506649	0.20643785	0.07306797	1.00E-04	0.89802036	1.12913416
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17084811	0.55791594	1.22347891	1.47319062	0.68085495	1.16394762	0.21257887
1.00E-04	0.38901509	0.14699028	0.13865424	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53836304	1.00E-04	0.20626954	0.10142585	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.12648973	0.28976188	0.57238721	1.00E-04	0.55360685	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49683657
1.00946674	0.53141947	0.62111017	0.41503346	1.00E-04	1.00E-04	0.59155788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23727683	0.47851186	0.3293597	0.82108898	1.00E-04	1.00E-04	0.73736675
1.00E-04	0.04336477	1.00E-04	0.10121977	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.16023425	0.28168653	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04336477	1.00E-04	0.05584039	1.00E-04	1.00E-04	1.00E-04
0.27115331	1.20694443	0.98360031	0.93370267	1.57602968	1.00E-04	0.81777544
1.00E-04	1.00E-04	0.05193356	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30588543	1.10540832	0.89318279	0.86034987	0.38091442	1.00E-04	1.00E-04
1.00E-04	1.00096738	0.42157512	0.13178706	0.39382455	1.00E-04	0.10785897
1.00E-04	1.00E-04	0.07816751	1.00E-04	1.00E-04	0.27999122	0.59293024
0.96800622	0.6368214	1.13276824	1.65280391	1.16042168	0.25927897	1.77094263
0.66943871	0.1194002	0.29360371	0.10641957	0.48060496	1.00E-04	0.28836106
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64399504	0.04336477	0.78281672	0.8549039	0.79328163	0.53672067	1.218587
1.21048803	1.3594022	1.93111406	2.06915043	0.54258268	1.48378483	0.86368687
1.6733493	1.64312844	1.41834598	1.37737757	1.00E-04	0.80720407	0.55014886
1.80265103	1.94407622	1.83895565	1.9968865	1.64060572	2.07197896	1.00290103
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11223991	0.4851277	0.4482536	0.69418737	1.00E-04	0.59528718	0.39398156
1.00E-04	1.00E-04	1.00E-04	0.17673621	0.84840873	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06484214	0.06111543	1.00E-04	1.00E-04	1.00E-04
2.20187152	2.65110588	2.62521571	2.37937779	1.8774908	2.17554025	2.20306385
1.00E-04	0.4283056	0.71649957	0.94226696	1.00E-04	1.14515828	0.15942843
1.29378531	1.00E-04	0.5147865	0.74884358	1.00E-04	1.00E-04	0.28558035
1.00E-04	0.3224826	0.70324677	0.5257363	1.00E-04	0.10651827	0.4931763
2.01818426	2.36806885	2.57014511	2.58430411	1.00E-04	1.51442443	2.38558101
1.00E-04	1.00E-04	0.09100405	0.23191942	1.00E-04	1.00E-04	0.25275834
0.29490836	0.20795625	0.12128265	0.16220477	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13864085	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46750374	1.00E-04	0.33989948	0.36269405	0.78094411	0.85114524	0.99337258
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.6996713	0.87412304	0.49524073	0.78234266	1.00133079	0.81920195
1.00E-04	1.00E-04	0.07860164	0.18397081	1.00E-04	1.00E-04	0.32432879
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17044854	0.2150455	1.00E-04	1.00E-04	1.00E-04
0.96594929	0.30486509	0.07216777	0.09515706	1.00E-04	1.00832416	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03781518	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04328407	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16963141	2.60787599	2.71356979	2.6965659	1.60086002	2.40059773	2.99180846
1.70642668	1.75641663	1.46036533	1.70473332	2.23893308	2.20183661	0.8827986
1.00E-04	1.00E-04	0.17150422	0.12130681	1.00E-04	0.59411957	1.00E-04
0.77984601	1.37287223	0.91196492	1.11711969	1.19674392	1.56056637	0.27315872
2.55739135	2.77784217	2.48547191	2.39165099	2.74441355	3.20590298	2.02554388
1.52689925	2.08554345	1.83697195	2.08621555	1.38146509	1.80686006	1.8003484

1.00E-04	1.00E-04	1.00E-04	0.39928702	1.00E-04	0.44877195	0.29688924
0.5218639	1.0321446	0.05473414	0.05898709	0.35750248	0.45330561	0.34032951
0.48852319	0.22848446	0.43854616	0.27505656	1.00E-04	0.27052208	0.81302828
0.26702123	0.95522911	0.20173103	0.30611884	1.00E-04	0.93206956	1.00E-04
2.96966587	2.78876657	2.6868	2.77138848	2.63087438	2.47648201	1.86478063
0.44798529	0.30676823	0.14071831	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14753594	2.59691951	2.79982926	2.83977763	2.83747117	3.08219297	2.98173746
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36996508	1.62064704	1.39124996	1.55545353	2.00945691	2.32167338	1.09209258
1.91687491	1.76106617	2.06054064	2.02758261	2.46323412	1.68870342	2.28681652
0.79399647	0.16625112	0.11421323	0.1611125	0.44340029	0.88520571	0.4749709
3.22266255	3.13355038	3.62614043	3.06907035	3.50072976	3.31416336	4.12231023
1.212057	1.31315429	1.53411322	1.47970482	1.23613569	2.39562285	1.73158029
1.11816947	1.01016987	0.79518684	0.77305707	0.88249573	0.93275484	0.67117665
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15815701	1.00E-04	0.15897187	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43205093	0.54002374	0.88186133	1.22074739	1.00E-04	1.00E-04	0.48661133
0.84226424	1.56836203	1.57561569	1.34908655	1.00E-04	1.65044357	2.61386449
0.50061749	0.24792068	0.2169453	0.30997906	1.00E-04	1.00E-04	1.00E-04
0.16598082	1.00E-04	0.68510942	0.60143276	1.00E-04	0.54106652	0.80204001
1.00E-04	0.11033993	0.29182562	0.21449374	1.00E-04	0.94855039	0.32599971
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25001148	0.12551021	0.1202435	1.00E-04	0.29138547	0.11565659
0.33844857	0.36624198	0.65398393	0.78712802	1.00E-04	0.11466061	0.11565659
1.31722168	1.61072651	1.58905449	1.63502014	0.65823999	1.28811472	1.5366815
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33153382	0.62574244	0.80160376	0.61381764	0.24496797	0.75154907	1.07873452
2.58187162	2.61836368	3.18618144	3.32463973	2.64553869	2.02192148	1.88937396
0.53981004	0.92302595	1.10938189	1.26925927	0.70354701	1.00E-04	1.00E-04
1.00E-04	0.23345537	0.60480093	0.48458045	0.24496797	1.00E-04	1.00E-04
0.44177185	0.20422339	0.43298538	0.39997737	0.41241033	0.48588745	1.00E-04
1.00E-04	0.17514352	1.00E-04	0.06382307	1.00E-04	0.4922014	0.47876871
2.0283765	1.24646852	2.09625754	2.14235426	1.00E-04	1.00E-04	0.31078224
1.15852231	0.84957027	0.67212617	0.75222474	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20721124	0.11198105	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02667423	0.34125412	0.52105756	0.78673159	0.41389687
1.39474346	1.84789619	1.25683044	1.66918878	1.00E-04	1.70936469	1.33439746
1.00E-04	1.00E-04	0.04892936	0.06904221	1.00E-04	1.00E-04	0.65640915
1.00E-04	0.31933859	0.1133019	1.00E-04	1.00E-04	0.39075943	0.68676686
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.41435146	0.50315906	0.65622907	0.38530742	0.88260425	0.44774711
1.38635137	1.22097981	1.28162418	1.4041144	1.00E-04	1.80137076	0.77252466
0.28900618	1.00E-04	0.12680869	0.21119495	1.17689809	0.28241755	1.00E-04
0.26076105	0.3961644	0.59084375	0.40502736	1.14379767	0.65811614	0.67042333
0.21092722	0.79059159	0.4657217	0.41444194	1.00E-04	0.85137492	1.00E-04
0.89830862	1.351953	0.32477151	0.19572039	1.00E-04	0.89104677	1.00E-04
1.00E-04	0.76656209	0.1981691	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50550445	0.4842149	0.39757559	0.23594327	1.00E-04	0.48673018	1.10489133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15413378	0.2338455	0.6397631	0.56080256	0.74307247
0.6189281	0.5382143	0.32758793	0.34090508	1.09223449	1.55121364	1.08985245
0.20937789	1.05400565	0.72600558	0.90293476	0.41241033	0.39543626	0.29671268
0.329924	0.44256016	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26044797	1.00E-04	0.12345877	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8724472	1.26605334	0.75058901	0.87189579	1.08572692	1.45389664	0.41762431
0.36138831	1.31574852	0.71788129	0.81739723	1.42371224	1.4549632	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.19411783	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04700588	0.2559463	1.00E-04	0.78673159	1.00E-04
1.00E-04	1.00E-04	0.1053776	0.05124358	0.63609922	0.73970699	1.00E-04
1.00E-04	0.39776794	0.05873852	0.16379813	1.00E-04	1.00E-04	0.24160439
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51596667	0.2580128	0.51636291	0.63741432	0.54293045	0.77818441	0.74754446
0.14691179	0.86490698	0.33043559	0.81169402	1.3451714	0.43070808	0.75591236
0.49042319	1.00E-04	0.04864619	1.00E-04	1.00E-04	0.98555494	0.28948344
1.00E-04	0.79551859	0.16050394	0.20342903	0.768034	1.07883465	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04690914	1.00E-04	1.00E-04	1.00E-04
3.6770681	3.83272944	3.66184644	3.34341869	4.05240179	4.0914946	3.98470599
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15660685	0.33721298	0.15330113	0.12355069	1.00E-04	0.5420143	0.11808513
1.81493254	2.10034982	1.11209707	1.03106069	0.94332469	1.54406252	0.32346163
0.96810889	0.47273754	0.36531182	0.75321081	0.70997801	0.53447441	1.71230647
2.14593395	2.63485605	1.75599805	1.90961906	2.69688983	2.26133317	2.40559348
0.94440716	0.65476949	0.43561404	0.52072597	1.00E-04	1.00E-04	0.26354179
1.00E-04	1.00E-04	0.27255138	0.42170371	0.87446197	0.64618543	0.63949158
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08865762	0.48401559	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52681516	0.32471168	0.06098958	0.45951513	1.00E-04	0.14939575	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04262561	1.00E-04	1.00E-04	1.00E-04	0.07440699
1.00E-04	0.24792068	0.05089198	1.00E-04	1.00E-04	0.51753141	1.00E-04
1.00E-04	0.37399052	0.24623083	0.69116619	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71272184	1.00E-04	0.52092115	0.39807814	1.00E-04	1.00E-04	0.82392309
0.26842597	1.00E-04	0.05990286	0.03722597	1.00E-04	0.60556515	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07906352	1.00E-04	1.00E-04	1.00E-04
0.55385204	0.70812233	0.26703287	0.32856501	1.64489489	1.47824661	1.00E-04
2.53897517	3.11582615	2.9794062	3.07206302	3.64328146	3.84749172	3.12664142
1.00E-04	0.31031972	0.03905475	0.04982762	1.00E-04	1.00E-04	1.00E-04
2.60761002	3.40836178	2.17896283	1.97214171	3.0992957	4.01422433	2.66847071
0.17922381	1.00E-04	0.15760573	0.25104637	1.00E-04	0.92256888	0.98704017
1.24337603	0.94258873	1.30438516	1.49735296	0.40975599	1.11897708	0.78294735
0.63342717	0.18078364	0.08969939	0.12497988	1.00E-04	1.00E-04	1.00E-04
0.88253757	0.74623404	0.93376724	0.90156694	1.07547903	0.63809419	0.99215287
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62132101	1.45317178	2.34269262	2.39604166	1.70968613	1.65968488	2.53715804
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30537047	0.81035891	0.56630014	1.00E-04	0.30127966	0.93969497
1.00E-04	1.00E-04	0.02924646	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.12026579	0.02803932	0.12523568	1.00E-04	1.00E-04	0.31139354
1.00E-04	1.00E-04	0.07578816	0.20485566	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.347275	0.55101441	0.8195131	1.79749951	0.91258043	1.00E-04
1.03147991	0.49966254	1.62506234	1.44785613	0.71359132	0.74454169	0.54726165
1.00E-04	0.61446619	0.65734349	0.8693396	0.81925487	0.43623906	0.11565659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76320706	0.45040125	0.05178358	0.24269542	1.29747146	0.29729505	0.11188224
1.00E-04	1.00E-04	1.00E-04	0.10927943	0.86518274	1.00E-04	1.00E-04
1.00E-04	0.38318036	0.11237043	0.11523244	1.00E-04	1.06913549	0.47876871
1.37872896	2.01225964	1.91554005	2.08298682	0.77428382	1.70718164	1.22661625
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21857548	0.21156707	0.29601843	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59199414	1.00E-04	0.04470109	0.06031093	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05530815	0.08001444	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.35834087	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15660685	0.79211468	0.63472919	1.12777397	0.75933012	1.00E-04	0.36895161
1.00E-04	1.00E-04	0.14644902	0.37952124	1.00E-04	0.58091282	0.32599971
0.17300709	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.64850484	1.20471398	0.54817615	0.91538714	1.68052857	1.51152443	2.07765389
1.00E-04	0.55456515	0.39000887	0.41145065	1.61524874	1.00E-04	0.93780222
1.00E-04	1.00E-04	0.04698086	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05415011	0.11927663	0.74910948	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12393723	0.13483158	1.00E-04	1.00E-04	0.95181585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.87446197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17839301	0.16460445	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62490615
1.00E-04	1.00E-04	1.00E-04	0.0299092	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0927564	0.05849327	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.78474184	0.71877178	0.57649145	1.00E-04	1.0072956	0.42381331
0.43805874	1.00E-04	0.8076367	0.84029195	0.40975599	1.00E-04	0.51534292
1.00E-04	1.00E-04	0.12212845	0.38080807	1.00E-04	0.0838544	1.00E-04
0.96708864	0.46053148	0.46639749	0.54311427	0.4683059	0.29138547	0.61867623
0.99588196	0.62448607	0.79794099	0.71589444	0.54370492	1.00E-04	0.53289346
1.00E-04	0.21304752	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1819229	1.00E-04	0.18005979	1.00E-04	1.00E-04	0.27658511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26865667	0.11848835	0.06768765	1.00E-04	1.00E-04	0.62728303
0.51441156	2.14755561	0.70480738	0.48435839	1.00E-04	1.5872472	0.94443835
0.6069616	0.04336477	0.09929829	0.28299846	1.00E-04	0.40848101	0.20772946
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12498368	1.00E-04	0.18237342	0.22117124	1.00E-04	0.27052208	0.59871548
1.00E-04	0.74483535	0.11362025	0.20418718	1.00E-04	0.13071865	0.1878984
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04284286	0.04373815	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43388625	1.00E-04	0.08385671	1.00E-04	0.62208279	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10645546	0.13293241	1.00E-04	0.47552809	1.00E-04
1.00E-04	0.3371339	0.19730409	0.1191187	1.00E-04	0.06695938	0.34821357
0.70123266	0.76986572	0.61475412	0.73992449	1.00148975	1.31565386	1.38284895
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08119646	0.10318632	1.00E-04	1.00E-04	1.00E-04
1.12983563	0.95546289	0.32186904	0.38388745	1.51919368	0.59265237	0.42241868
0.67872119	1.35205795	1.17799834	1.53751826	0.768034	1.11870632	1.8803763
0.53877821	0.60931102	0.32309029	1.13619883	1.00E-04	0.06695938	1.00E-04

1.00E-04	0.34045925	1.00E-04	0.17476969	1.00E-04	1.00E-04	1.00E-04
0.29820791	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28127355	0.11654374	1.00E-04	1.00E-04	0.2531957
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18758063	0.23067914	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05145667	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05217139	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0550929	0.04812052	1.91622326	2.82736641	2.76469463
0.82820625	0.29707058	0.45599374	0.34518215	1.5668236	0.42387713	1.23255051
0.33951217	0.48462163	0.06462401	0.35158883	0.49833685	0.96114221	0.6174914
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07536335	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10340394	1.79721101	1.99949514	2.12207966	2.32315999	2.2838583	2.28978544
1.00E-04	1.00E-04	0.07589404	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38757809	3.03002412	2.51635843	2.50604045	3.7879287	3.34933977	3.06004738
0.23904013	0.88005725	0.68155586	0.27345049	2.38430441	1.34846844	0.79862573
0.84547604	1.14503689	0.5871015	0.78243835	2.13204308	0.79150808	0.439921
3.77513656	4.2493511	4.30301591	4.1806931	2.7954844	3.32364763	3.4101756
1.89611014	2.53820697	1.99968037	1.81720844	2.04131137	1.93302784	1.9181429
1.00E-04	1.00E-04	0.06540568	1.00E-04	1.54658618	1.00E-04	0.50715367
0.4043605	1.00E-04	1.00E-04	0.04930464	1.00E-04	1.00E-04	1.00E-04
0.32979817	1.00E-04	1.00E-04	0.08012917	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26403101	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03953692	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3501248	0.25457896	1.00E-04	1.19758822	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32848279	1.00E-04	0.19292832	0.14636771	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88657234
0.16998337	1.00E-04	1.00E-04	0.09732373	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20209758	0.45810389	0.9310966	1.9296267	1.54450026	1.07180672
1.33834372	1.22512547	1.39436995	1.2452336	1.98880085	2.48430783	1.76117376
0.34603826	0.47047915	0.27451377	0.22890016	1.00E-04	0.22941088	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05849579	0.07282043	3.05559751	3.12263517	3.04671428
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77374609	0.78528152	0.6047151	0.88461305	0.55964322	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.59849988	3.81740382	3.19357875	3.28929829	4.16371883	3.87518059	3.55719492
1.00E-04	1.00E-04	1.00E-04	0.05079656	1.00E-04	1.00E-04	1.00E-04
0.4983186	0.46814983	0.05606911	0.19328343	0.51366621	0.22044102	0.3843398
1.00E-04	1.00E-04	0.07883202	0.1734053	1.00E-04	0.39240942	1.52578808
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36805794
0.52079179	0.8638091	0.6687774	0.88758661	0.54370492	0.39174503	0.65640915
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2633732	1.00E-04	0.18127693	1.00E-04	1.00E-04	0.30082489	1.00E-04
0.84988699	0.61152523	0.53099755	0.58837782	1.00E-04	1.00E-04	0.14635168
0.45116524	0.77081323	1.09967282	1.20911081	1.00E-04	1.05191875	0.6178549
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77499441	0.13285762
1.00E-04	1.00E-04	0.06481089	0.03607303	3.05378111	2.60094483	2.62431203
1.00E-04	1.00E-04	0.07927365	1.00E-04	1.00E-04	0.2496013	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0669403	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53236065	0.71085938	1.32450286	1.00E-04	1.00E-04	1.27610151
1.00E-04	1.00E-04	1.00E-04	0.09107322	1.00E-04	1.00E-04	0.67026632
0.37525907	0.61853485	0.34284846	0.17749482	1.10950185	1.10443708	0.40061448
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07720662	1.00E-04	0.52691586	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.768034	1.00E-04	0.13723188
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06453097	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04977438	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0441248	1.00E-04	1.00E-04	1.00E-04
1.87515758	1.36974628	0.92838126	1.25010015	1.98005431	1.58644011	1.09386286
1.9513647	1.95342191	2.59913517	2.75110942	1.32866231	1.54670587	2.36533868
1.65973366	1.82011363	1.73356842	1.81469473	2.01564653	1.49268873	1.07195531
2.17396907	2.69753232	2.7700966	2.71163423	2.4401893	2.38303268	2.61974567
1.2257016	1.19398606	0.73295556	0.53910949	1.12303172	0.93011912	1.10612491
1.34995773	0.55023021	1.11464521	1.03655862	1.45057425	0.34888633	1.47541939
1.08591877	1.15014582	0.82555365	0.7222125	1.67724443	1.94891085	1.25437946
1.00E-04	0.35166624	0.16321106	0.05569574	1.00E-04	0.55360685	1.00E-04
0.66196499	0.22141431	0.35832479	0.38048006	1.00E-04	1.00E-04	0.37021682
0.46486172	1.47130359	1.67357543	1.58013405	0.62853736	0.81203086	1.92945666

1.65788691	0.93327331	0.86070761	0.74392516	0.50488113	1.10694707	1.42204784
1.00E-04	0.42926187	0.59672334	0.45991807	1.00E-04	0.44062974	0.60280872
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63223132	1.34963634	0.95072415	1.04960446	0.80374903	1.18300686	1.16811595
0.55228445	0.36737099	0.87472801	0.92874487	1.00E-04	0.28969189	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.74335227	2.21142169	1.96015307	1.87926285	2.25508263	3.22451763	2.69092866
0.63232478	0.61996576	0.70293988	1.06302969	1.02143739	0.41062688	0.70822753
0.15352842	0.53463953	0.42683684	0.56322781	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16885696
1.00E-04	1.00E-04	0.16916404	0.06002595	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28921298	0.09795024	1.00E-04	1.05070843	1.00E-04	0.70822753
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08953586	0.17466468	1.00E-04	0.61280762	0.43463352
1.00E-04	0.39100025	0.46731501	0.09612311	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11116287	0.14682655	1.00E-04	0.27371291	1.00E-04
1.00E-04	1.00E-04	0.02475707	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.83961653	3.94436072	3.62779169	3.63525582	4.10306928	4.10593447	3.84215032
0.49219301	0.52910449	0.46914667	0.26329007	1.35392474	1.14567814	1.20498624
1.16792067	2.33631276	1.60047309	1.24068162	2.63123034	2.44084427	2.17502671
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22760809	1.00E-04	0.11560032	1.00E-04	0.76529138	1.00E-04
0.26076105	0.24840947	0.21074611	0.20981469	1.00E-04	1.00E-04	0.74307247
0.49728393	0.83498355	0.36278007	0.29295077	1.00E-04	0.34909713	0.07440699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18590644	0.27084942	0.12492688	1.00E-04	0.28191199	1.00E-04
0.6430821	1.29440988	0.56303547	0.66941523	1.22721503	0.97906178	1.68395679
1.00E-04	1.00E-04	0.11300808	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0738305	0.07282043	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67069878	1.73148562	1.65426132	1.62316394	2.22671828	2.68128967	1.28917394
1.00E-04	1.00E-04	0.11541785	0.59573161	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42834219	0.26370234	0.22373771	0.36859394	1.00E-04	1.10679913	1.00E-04
1.00E-04	0.45057219	0.06665824	0.20371513	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05613198	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11547176	0.11710335	0.53515803	0.65735398	2.06696502
1.00E-04	1.00E-04	1.00E-04	0.07655093	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.20744347	0.81264119	0.72999165	0.40975599	1.00E-04	1.08566989
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60475674	0.90022565	1.21844925	1.21448027	1.36793081	1.84137037	1.43445894
0.5819272	1.66943331	1.01736492	0.85157742	0.52474525	1.14473807	0.60251736
0.87284178	1.84817647	1.63696875	1.83632884	1.29595597	1.9741717	2.1889369
3.79107246	3.95681675	4.54528601	4.79497812	3.34348779	3.68517441	4.21868278
0.57874306	0.67992421	0.12424547	0.10503038	1.00E-04	1.00E-04	1.00E-04
1.13488447	0.8748813	0.73897089	0.82530753	0.88597895	0.99999427	0.29312778
1.00E-04	0.31017607	1.00E-04	0.04643378	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06692188	0.17253402	1.00E-04	0.39240942	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2704768	0.19453493	0.19459641	0.24003091	1.00E-04	1.00E-04	0.28816756
0.26681589	1.00E-04	0.44868916	0.08019816	1.00E-04	1.00E-04	1.00E-04
2.77930403	2.96853626	2.47104333	2.48748024	3.22965988	3.32641378	2.63736025
1.00E-04	0.37861357	1.00E-04	0.06936783	1.00E-04	1.00E-04	0.61893821
1.32463121	1.37169305	1.02548921	1.17887137	0.97683384	2.17162755	1.17533468
1.00E-04	1.00E-04	0.0378779	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29913864	0.26285746	1.00E-04	1.00E-04	0.34856867
0.25587849	1.12131642	1.31089109	1.74187583	1.00483047	1.39009344	1.70640828
0.15737099	1.00E-04	0.08337884	0.25354901	1.00E-04	0.26054201	0.17016891
0.47190246	1.00E-04	0.11014108	0.24134352	1.00E-04	1.00E-04	1.00E-04
0.93773136	1.38822751	1.07953497	1.39852357	1.00E-04	0.35621081	1.41718825
1.00E-04	1.00E-04	0.34402563	0.18933032	1.00E-04	1.00E-04	1.00E-04
0.20534776	0.61920121	1.0324667	0.764941	1.00E-04	1.0336827	2.0128463
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28944058	0.74595471	0.84323099	0.61342807	1.00E-04	1.00E-04	0.67611852
1.00E-04	0.48137064	0.06776683	0.05361245	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47384959	1.35501895	0.85448256	0.94144046	1.15800821	2.12021341	1.89243575
1.00E-04	1.00E-04	0.04591428	0.06019402	1.63302894	1.10676049	1.69798471
1.00E-04	1.00E-04	0.07460843	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11726343	0.09307584	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29206763	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08557164
0.20937789	0.9870413	0.65044528	0.8018288	1.00E-04	1.29448574	0.53081464
1.78177997	1.82843293	1.88930591	2.13718428	1.20724758	2.38172217	1.64963327
1.16349069	1.56990926	1.87795251	2.04335613	2.71310453	1.86899435	1.91650391
0.35840488	0.1623181	0.64311893	0.23558319	1.00E-04	1.00E-04	0.56969339
1.37036258	1.4362513	0.99319807	1.00462097	0.67168427	1.55826445	1.52478363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03485412	1.00E-04	1.00E-04	0.09760498
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33594599	1.46592049	1.03772209	1.00255519	0.54293045	1.21581489	1.85028348
0.31056119	0.64993488	0.44119894	0.39523351	1.00E-04	1.18845928	0.55650365

1.10360609	1.03965033	1.06249982	1.31876379	2.56203103	1.70799111	1.40622449
1.00E-04	1.00E-04	0.18171788	0.05806792	1.00E-04	1.00E-04	1.00E-04
0.56182989	0.9479953	1.09893067	1.31646753	1.51368112	1.08968685	1.20667731
0.329924	1.30399525	1.02937766	0.98173742	1.40733835	1.16702692	0.87881946
1.04242317	0.21564208	0.45636183	0.69818405	0.61235854	0.50832754	1.00E-04
1.94397112	2.50331384	2.93588322	3.13931428	2.71950493	3.2666363	3.77132299
1.1219072	1.19690974	1.58251789	1.84855045	0.62887542	1.2000445	2.09473585
1.00E-04	1.00E-04	1.00E-04	0.0499166	0.30780692	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07013505	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40595097	0.63489625	0.54065807	0.53803638	1.00E-04	0.22939333	0.16909838
1.00E-04	1.00E-04	1.00E-04	0.23782024	0.63609922	1.00E-04	0.1313165
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3273858	1.00E-04	0.29974737	0.16782204	0.61305258	0.70635778	0.55264257
0.36313683	0.26626851	0.19978558	0.30208429	1.00E-04	0.06695938	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09464396
2.35148834	2.28830028	2.18111462	2.16637355	2.7114814	3.66605917	2.72915101
0.81721655	0.43644619	1.03207851	1.36219398	0.42938666	1.91029616	1.75030983
0.82030137	1.03285866	1.32680677	1.69098051	0.65942933	0.31029919	0.89175867
0.81568212	0.9200322	1.12165924	1.31948044	0.69158286	1.10915551	1.64151351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23936956	0.62781066	0.11881828	0.08449067	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58473854	0.1409214	0.04832852	1.00E-04	0.25930142	0.87965793
1.45255059	1.59403706	1.86004945	1.24331843	1.00E-04	1.44746899	2.44639759
1.00E-04	1.00E-04	0.08756531	0.18397925	1.00E-04	1.00E-04	0.30220909
0.81034137	0.39685371	0.39911656	0.5836394	1.00E-04	1.59798368	0.90824922
0.90518987	1.30602828	1.49523903	1.66119178	1.22247716	1.46387431	2.4827538
0.26060442	0.5199687	0.3802529	0.27438786	1.00E-04	0.79036987	1.00E-04
1.00E-04	1.00E-04	0.22620533	0.14299521	1.00E-04	1.00E-04	1.00E-04
0.85900831	1.3644747	0.67219928	1.1916815	1.49412401	0.41446661	0.86889053
1.00E-04	1.00E-04	0.07663938	0.05247504	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16464448	1.00E-04	0.17796776	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01971324	1.51045252	0.5398544	0.6579877	1.00E-04	0.72104313	1.00E-04
0.21494302	1.00E-04	0.04588295	0.32251406	1.00E-04	0.92076129	0.49683657
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97002953	0.95990777	0.51912777	0.84013125	1.00E-04	1.00E-04	0.28773755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25546422	0.15349612	0.07346906	0.08162085	1.00E-04	0.25871909	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.34970287	0.45156507	0.19038976	0.54293045	0.78683868	0.81589962
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28930522	0.45716711	0.25276881	0.3398588	1.07547903	0.95929908	1.00E-04

3.09760644	2.97348682	2.73340207	2.78430271	3.28167288	3.32257393	3.07559959
0.81670199	0.64414008	0.1393465	0.09360602	0.38530742	0.33235459	1.00E-04
1.00E-04	1.00E-04	0.03710977	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.08147274	1.00E-04	1.00E-04	1.00E-04	0.12640632	1.00E-04
0.37242371	1.00E-04	0.07937742	0.1849726	0.77322435	1.00E-04	1.00E-04
0.60337946	1.00E-04	0.07930421	0.06619654	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11489476	0.04930029	1.00E-04	0.48521089	1.00E-04
0.81523581	1.0330927	1.30374633	1.31931303	1.00E-04	0.53880121	0.86716832
1.00E-04	0.27642423	0.36631827	0.13872483	1.00E-04	0.34293625	1.00E-04
0.56509329	0.2730548	0.66539223	0.40946528	1.00E-04	1.08984927	0.19293133
1.00E-04	0.54268191	0.23340458	0.17331872	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08205376	0.22454694	1.00E-04	0.39240942	1.00E-04
1.00E-04	1.00E-04	0.04149465	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29533686	0.34216665	1.00E-04	0.12583522	0.66894396
1.00E-04	0.23921457	0.0482708	0.0822347	1.00E-04	1.00E-04	1.00E-04
0.76398631	0.80333247	1.46333891	1.54904727	0.4683059	0.78353125	1.44442611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21771568	1.00E-04	0.06071422	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23220544	0.06033697	1.00E-04	1.00E-04	0.09760498
1.00E-04	0.28451278	0.12684803	0.24896277	1.00E-04	0.4284064	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55412625	1.00E-04	0.35125804	0.16930746	0.768034	0.72171509	1.74061738
1.00E-04	0.46400198	1.00E-04	0.04869902	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0887285	0.19628177	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2530067	0.50862316	0.20116159	0.34433576	1.00E-04	0.41285312	0.5553504
1.00E-04	1.00E-04	0.06090671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.89060254	0.79916616	0.72937601	1.00E-04	0.14939575	0.80809858
0.37681509	0.27489417	0.75946597	0.79380148	0.60425207	1.09463374	0.5718592
1.00E-04	0.17569161	0.06824836	0.14417429	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0858933	1.00E-04	0.14310979	0.26390997
1.00E-04	0.26183492	1.00E-04	0.06574492	1.00E-04	1.00E-04	1.00E-04
0.20024107	1.00E-04	0.06260811	0.12927512	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03133052	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.65043722	0.2347642	0.48022194	1.00E-04	1.00E-04	0.8324517
1.00E-04	1.00E-04	0.02909149	0.0747289	1.00E-04	1.00E-04	1.00E-04
0.3141684	0.40120554	0.31419538	0.37157946	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10605412	1.00E-04	1.00E-04	0.73347431	1.00E-04
0.3422687	0.41289496	0.10505408	0.2003213	1.00E-04	0.78673159	1.00E-04
0.86649635	0.61147538	1.10608124	0.99411754	0.66710525	1.25115036	1.08357603

0.68380695	1.58558401	1.14078872	0.97101293	2.18386013	2.19841175	1.24336933
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89385126	0.48494074	0.81314467	0.55469159	0.39382455	0.92699342	0.17016891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53424338
1.34517771	0.86462868	0.53299399	0.76380574	1.39387802	1.32281367	0.54590936
0.14170192	1.47721482	0.87397414	0.82231359	0.47740198	1.04628418	0.31467475
1.00E-04	1.00E-04	0.38053344	0.18005695	1.00E-04	0.56958903	1.01668048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51623218	0.53058095	0.48163821	0.831865	1.10105414	1.56297721	1.78298346
0.8495495	1.00569961	0.45583839	0.61106169	1.60678604	1.87739286	0.94614571
1.00E-04	1.00E-04	1.00E-04	0.12891527	1.00E-04	1.00E-04	0.30959015
2.39162253	2.92246434	2.52516884	2.66301844	3.52947916	3.28735166	2.16509372
1.00E-04	0.22278314	0.09470371	0.2697159	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0364807	1.00E-04	1.00E-04	1.00E-04	0.17016891
1.00E-04	0.23062623	1.00E-04	1.00E-04	0.68552334	1.00E-04	0.17016891
2.23424771	2.36984406	2.48184163	2.64996042	2.02258896	2.09946298	2.35666423
0.28742455	0.13907928	0.05138785	0.04793073	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06067313	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04202625	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14802943	1.00E-04	1.00E-04	1.00E-04	0.16770769
0.77688043	0.38737501	0.6830979	0.33109133	1.00E-04	0.35987528	1.14987707
1.1109029	1.09611261	1.20005621	1.18068909	1.2789658	1.31361752	0.55170903
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29820791	0.4313795	0.09453602	0.09677469	0.99605509	0.78287787	0.40324379
0.21771568	0.91185144	0.55620027	0.7641046	1.10345699	0.59690854	1.19584662
1.00E-04	0.13353489	0.32570426	0.21520921	0.54370492	1.00E-04	0.68895276
1.01718701	0.80927232	0.61960971	0.64194428	0.81663784	1.72924135	1.27013305
2.70208962	2.95866921	2.75725052	2.96101488	3.03017002	3.03983244	2.20812913
3.24203389	3.0763257	3.23741492	3.32551165	2.49380563	2.68955456	2.106639
0.20517817	1.01885815	1.07407431	1.24355106	0.38530742	0.41446661	0.09464396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07384028	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0408023	1.00E-04	1.00E-04	0.25950361	0.27658511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22838714	0.95590214	0.80088793	1.08645861	1.00E-04	0.91227066	0.64844521
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71623701	1.76375711	1.87408559	1.9984957	0.54370492	1.99871541	1.5945704
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22941088	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12037383	1.00E-04	1.00E-04	0.86548715	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29910931	1.00E-04

0.62732803	1.00E-04	0.26093704	0.23910815	1.46659731	0.26819566	0.49781009
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50757167	1.63156386	1.23092433	1.30716079	2.61496065	3.24746527	2.87198438
1.9271157	1.81548582	1.90869443	2.19307044	1.00E-04	1.00E-04	0.45589581
1.00E-04	0.42829403	0.06852661	0.12485365	1.00E-04	1.00E-04	1.00E-04
1.33000773	1.75942658	1.06203157	1.42561355	1.00E-04	0.63163749	0.53526672
1.50993696	1.28437802	1.72275038	1.73088477	2.20649145	1.05389829	1.46729024
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43455449	1.00E-04	0.26189601	0.52630328	1.00E-04	1.00E-04	0.46394255
4.04788631	4.06973887	3.74627584	3.79719398	4.41524156	4.33079159	3.72185751
1.27996606	0.26403101	0.36126676	0.41576241	0.6136985	0.93194954	0.38347681
1.00E-04	0.28780663	0.21369558	0.11811549	0.84840873	1.00E-04	1.00E-04
1.25408362	1.49269693	1.13908254	1.21238839	1.00E-04	0.54939003	1.19984101
0.22022577	0.33267273	0.23447517	0.26059279	1.07547903	0.92005629	0.63513774
0.40426555	0.28358905	0.14238125	0.26956257	1.00E-04	1.05296688	1.00E-04
1.00E-04	0.24243554	0.59673399	0.49346544	0.88577213	0.72036947	0.1989351
4.58754535	4.13823132	2.75796971	2.94046537	5.7436777	4.79348507	2.6557668
4.05405558	4.03442434	3.70193746	3.7176966	3.91572843	4.06876857	3.73832894
1.00E-04	0.17502219	0.47599463	0.46884708	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37163133	1.00E-04	0.15203518	0.74910948	1.09291449	0.6172762
2.46849401	2.7020692	2.56956789	2.62827635	3.66494473	3.69828457	3.56462068
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.84840873	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87487783	0.18410379	0.35067987	1.00E-04	0.8821048	0.56585431
1.00E-04	0.45199531	1.00E-04	0.04645693	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18638309	1.00E-04	1.00E-04	0.26662489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21304752	0.29865434	0.24093636	0.70354857	0.25927897	1.23990761
1.4543375	0.6366875	0.62612569	0.46958307	2.88918618	1.55788604	0.66238423
1.00E-04	1.00E-04	0.27762901	0.14759527	1.49810725	1.00E-04	0.23172291
1.00E-04	0.17569161	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.06173742
1.00E-04	1.00E-04	1.00E-04	0.10640715	1.00E-04	1.00E-04	1.00E-04
0.50640348	0.05111793	0.23913526	0.28057633	0.72881829	0.43279626	0.59534133
1.00E-04	0.35706404	0.51187446	0.62725831	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22563599	1.00E-04	1.00E-04	1.00E-04
3.36805566	3.42022037	3.4074762	3.42822572	3.43780728	3.36226113	3.45626943
1.00E-04	0.59074446	0.86881478	0.66494688	1.00E-04	1.00E-04	0.26670959
1.8361452	2.33825814	1.85212195	1.95977718	1.813143	2.7469943	2.54283395
1.00E-04	0.07142777	1.00E-04	0.06253771	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.36141122	0.06413089	1.00E-04	0.51102197	1.00E-04	0.1362077
1.00E-04	0.55830649	0.35166587	0.64133638	1.00E-04	0.78074895	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22307525	1.79897382	1.05283358	1.24758296	1.85024283	1.70268192	1.26623232

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22681224
1.00E-04	1.00E-04	0.28672538	0.1784297	1.00E-04	1.00E-04	1.00E-04
2.42467388	2.29096084	3.11446343	4.2082317	1.00E-04	1.51635101	0.58778508
2.2445539	2.65018572	2.27379658	2.25053626	2.27840617	3.22425657	3.04250479
1.08878321	1.15003373	0.94771268	1.16016025	0.78234266	1.42817916	2.39303291
1.00E-04	1.00E-04	0.09760597	1.00E-04	0.67168427	1.00E-04	1.00E-04
1.50459121	1.34696851	1.91964152	1.78503627	1.5801206	1.90368272	2.54229216
1.95595313	2.69523093	2.09131254	1.79272183	1.14573504	2.11086135	1.55129911
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.491838	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13739183	1.00E-04	0.63592686	1.00E-04
0.13871239	0.26570255	0.35332227	0.49628507	0.40674922	1.45337526	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0649202	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93429788	1.93417242	2.43131557	2.47869973	0.76270585	1.44883924	1.72077057
1.00E-04	1.00E-04	1.00E-04	0.10697165	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05682728	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03944995	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.7143963	1.00E-04
1.00E-04	1.14877812	0.41481645	0.34352488	0.49833685	0.56704979	1.00394193
1.00E-04	1.00E-04	0.05249099	0.06536052	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07791829	0.12414204	1.00E-04	1.00E-04	1.00E-04
2.7155811	3.26541506	2.84242652	2.9354254	3.11486469	3.72448512	3.56951388
1.00E-04	1.00E-04	0.31420518	0.50617414	1.00E-04	0.91160364	0.4460272
3.10208797	3.49039334	3.10677145	2.89777592	3.8885748	4.11893352	3.65119509
3.47665941	3.92797886	3.4068334	3.41453181	4.4126065	4.42329729	4.36115436
1.00E-04	0.13639944	0.3438822	0.30711166	1.00E-04	0.67138231	1.1502251
0.26269535	1.00E-04	0.11364816	1.00E-04	1.00E-04	1.00E-04	0.92707857
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8634359	0.16443023	0.09643005	0.16190286	1.00E-04	0.81470253	1.00E-04
0.43285416	1.00E-04	0.22816948	1.00E-04	0.49833685	1.00E-04	0.97822182
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.51902047	0.32250575	0.29604986	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.84537162	2.91200247	3.25913396	3.42847625	2.49440213	2.88700757	2.83481712
2.12721182	1.7287346	1.84232512	1.71916407	0.94208228	0.13071865	0.87195778
1.41284014	1.7165132	1.41045234	1.44488643	0.58708779	2.17816869	1.52453067
1.72926241	1.08579091	1.30527198	1.38520024	0.85760458	1.68896524	1.01208457
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04577225	1.00E-04	1.00E-04	1.00E-04
0.47963369	0.89091657	0.97741601	1.13280751	0.61856275	0.87260954	1.61669929
1.00E-04	1.00E-04	0.07581534	0.10078645	0.63902502	0.77116113	1.00E-04
0.52769583	1.00E-04	0.08807674	0.07149759	1.00E-04	1.00E-04	1.00E-04

2.07871991	2.03269918	1.68880548	1.75166052	2.24887164	2.85557839	2.18826412
1.86925151	1.9511837	2.23310696	2.55169819	0.97800341	1.57617424	2.63424773
1.57303814	1.70687026	1.58736347	1.82820865	2.33055176	2.23046002	2.15267058
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13015081	0.13112038	1.00E-04	1.00E-04	1.00E-04
0.16220814	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34543859	1.00E-04
2.68998916	3.18674842	2.53896301	2.63961164	2.53683934	3.11447956	2.60168549
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.98280665	1.91946226	1.48895001	1.78432911	2.351103	1.93421695	1.15287645
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0460361	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04886713	1.00E-04	1.00E-04	0.12640632	1.00E-04
1.7082157	1.2272081	0.83160564	0.93392787	2.38407054	2.08293087	0.65042466
1.00E-04	0.30587198	0.22799717	0.10183017	1.00E-04	0.35163059	0.80850391
0.9065882	0.68720317	0.89086133	0.85799793	1.15720948	0.54106652	0.16770769
2.09435491	1.82306094	1.84645637	1.96635837	1.89405046	2.37756695	1.44979981
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95157236	1.80631892	2.42163205	2.60236506	1.87699975	2.35625329	2.11481178
0.29026471	0.63817025	0.77789839	0.72672261	1.44851002	0.34591941	0.20964658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.491838	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19142737	0.57196695	0.25460016	0.51755831	1.21478763	1.12352264	0.28754422
1.00E-04	0.23881798	1.00E-04	0.16279442	1.00E-04	1.00E-04	0.30554045
1.00E-04	1.00E-04	0.04009082	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07955883	1.00E-04	0.20683299	1.00E-04	1.00E-04	0.23648577
0.38788008	1.00E-04	0.41673838	0.62083466	1.00E-04	0.25291377	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05313343	1.00E-04	1.00E-04	1.00E-04
2.49409682	2.49311238	2.319908	2.31883898	1.50777233	2.11682193	2.18007431
0.35105411	0.83944865	0.68220321	0.73458486	1.40922889	0.18597055	0.87209132
2.87290053	2.9443645	2.06659349	2.42489661	2.07646624	2.85359373	2.27303618
2.12331266	1.85543868	1.30171671	1.00849272	0.40912496	2.14152562	1.0379461
1.00E-04	1.00E-04	0.13825084	0.25715876	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14494445	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36812399
1.00E-04	1.00E-04	0.17583517	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15853143	2.6418154	1.9280297	2.00084671	2.06089829	3.39395459	3.24208018
2.20044713	2.07683602	2.2887654	2.40471612	2.44240955	2.1989485	2.56809821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.45144513	0.25372501	0.2534731	0.10387462	0.78094411	0.22143361	0.36317177
1.00E-04	1.00E-04	0.04621404	0.24186491	1.00E-04	0.11466061	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26354179
1.00E-04	0.08372266	0.1419736	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38467718	0.47361105	0.14774997	0.21161635	0.50894684	0.96052382	0.22284053
0.66239153	0.61678535	0.96256061	1.19764334	0.48823099	1.00E-04	1.0879431
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85383004	0.72733995	1.51385279	1.23614317	1.00E-04	0.56451509	2.85849997
1.00E-04	1.00E-04	0.04838368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16122245	1.52748046	0.93939185	1.07133481	1.03936525	0.11466061	0.51821631
2.39267778	2.10576455	2.76528286	2.94188934	2.00610799	1.93899327	3.50989019
1.00E-04	0.32128029	0.35133735	0.47024684	1.00E-04	0.36908949	0.14635168
0.76067527	0.79531811	0.77030044	0.95442023	0.80990875	0.44695705	0.9467859
0.81720847	0.51400138	1.33960235	1.61826622	1.00E-04	1.00E-04	1.44103779
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61158091	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31027182	0.24486008	0.20658112	1.00E-04	0.39723272	0.24554172
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90142239	0.65972464	0.60712801	0.63548904	0.24496797	1.00E-04	0.11565659
1.00E-04	1.00E-04	1.00E-04	0.11561645	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.15421241	0.69481567	0.94081739	0.50488113	1.00E-04	1.2607213
1.00E-04	0.24243554	0.18313483	0.05022155	1.00E-04	2.8504232	1.70862324
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13864085	0.19721249	1.00E-04	1.00E-04	1.00E-04	0.36317177
0.83220771	0.47676684	0.60221662	0.61458188	1.00E-04	0.83770106	0.64791466
1.00E-04	0.25119537	0.16311632	0.37169139	1.00E-04	1.00E-04	0.41306813
1.00E-04	1.00E-04	0.17624595	0.15144907	1.00E-04	0.25950361	0.28091869
1.00E-04	1.00E-04	0.06997081	0.11746154	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14359463	2.23619199	1.41262819	1.06874119
1.00E-04	0.21977471	0.04470109	0.29234872	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62239989	0.5326543	0.78684649	1.00E-04	1.00E-04	0.23204834
3.78336591	4.22256535	3.90198852	3.39964442	4.76295274	4.61984628	3.79033525
1.00E-04	0.24871594	0.30188639	0.38244012	1.00E-04	1.00E-04	0.69975822
1.00E-04	1.00E-04	0.06170319	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.49258991	0.24895331	0.21694321	1.00E-04	1.03149923	0.88049756
1.00E-04	1.00E-04	0.05508162	0.08829438	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.34469935	0.41414823	0.23489646	1.00E-04	1.00E-04	1.00E-04
0.12498368	0.25132065	0.22274606	0.28863964	0.94512417	0.55654531	1.00E-04
0.62495694	0.74795533	0.24473089	0.12731659	1.00E-04	1.00E-04	1.00E-04
0.2398323	0.62310726	1.08260614	1.12017699	0.40912496	1.00E-04	0.3392339
1.00E-04	1.00E-04	1.00E-04	0.15827897	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04639525	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36375347	1.04490418	1.03179267	0.74494257	0.40674922	0.11240321	1.04818933
0.2256293	0.53546983	0.11626152	0.1768094	1.00E-04	1.00E-04	1.00E-04
0.78950993	1.21251118	1.16977607	1.34996277	0.49775343	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07998104	0.06511685	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38271303	0.38196763	0.53573927	0.21393286	1.92968656	2.18771074	1.34615638
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20935268	0.12873251	0.31404763	0.50533669	1.43240845	1.00E-04	0.26973628
1.34735963	1.24278849	1.45856764	1.5148742	1.87101155	1.42504892	1.54567846
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.34045925	1.00E-04	0.09316214	1.00E-04	1.00E-04	0.08557164
2.31441826	2.71946534	2.53838886	2.69363486	2.46409884	2.49899633	2.65154012
1.00E-04	1.00E-04	0.21774051	0.11918796	1.00E-04	1.00E-04	1.00E-04
0.11503627	0.35398455	0.40586527	0.30280242	1.00E-04	1.00E-04	0.9022758
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06932972	0.22336407	1.00E-04	1.00E-04	0.39809006
1.00E-04	1.00E-04	1.00E-04	0.0947811	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40695769	0.25404145	0.24496797	0.67578516	1.342483
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05114045	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14691179	0.05558966	0.21370938	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.66852684	3.56443069	3.58878999	3.82610549	3.60377374	3.46090052	3.40105767
0.27540477	0.68322235	0.26412974	0.27868771	0.5982431	0.5813453	1.00E-04
1.00E-04	1.00E-04	0.03950209	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29642204	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93836809	3.2869974	3.17880605	3.29147101	2.43317046	2.69885322	2.47334217
0.20503303	1.10898254	0.20624839	0.39979698	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11855649	0.07494938	1.00E-04	1.00E-04	1.00E-04
0.26060442	1.00E-04	1.00E-04	0.0711517	1.00E-04	0.13071865	0.12174474
1.00E-04	0.22765945	0.0359205	0.3158131	1.00E-04	0.11293056	0.45275821
1.00E-04	1.00E-04	0.06250626	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22887954	1.11407514	1.26880554	1.48862197	1.38698557	1.5374664	1.3436045

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59646037	0.88583723	0.43215902	0.77526779	1.31443018	0.40586424	0.98856317
3.95997262	3.66998531	3.72182488	3.5752462	3.90201951	4.04827643	3.63388366
0.46575395	0.21304752	0.63196696	0.18245014	1.00E-04	0.62075894	0.21495559
0.99079784	0.67008965	0.70540223	0.75953266	1.4485176	1.64393835	2.07626839
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38034913	0.05558966	0.1060301	0.15315168	1.00E-04	1.00E-04	1.00E-04
1.22949304	1.75830537	1.24939465	1.50465155	1.54671706	1.79081129	1.98080909
1.87232029	1.84123601	1.33531119	1.1016096	2.90151986	2.09245433	1.7875734
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.86935193	4.47169517	4.71978301	4.83706739	3.64755794	4.19730689	4.49369987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99944511	0.61925059	0.32705399	0.55622944	1.00E-04	1.00E-04	1.00E-04
1.58453322	2.37857783	2.40458252	2.4810187	1.48146629	1.85509392	2.34756455
2.35823799	3.28067303	3.43806151	3.53964836	1.00E-04	2.81993861	3.49402301
4.32870632	4.52814566	5.63399469	5.75809245	3.84313179	3.97691345	5.19900489
1.00E-04	1.00E-04	1.00E-04	0.0847598	0.40912496	1.23283297	0.44612471
1.00E-04	1.00E-04	0.21370798	0.3614295	1.00E-04	1.00E-04	0.50706663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19941332	0.06719117	0.09964912	1.00E-04	0.57796581	1.00E-04
3.97973401	4.25991108	4.16235491	3.90168737	3.76344597	4.02245342	4.15497472
0.22731159	1.00E-04	0.10791303	0.13051377	1.00E-04	0.78081926	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09868218	1.00E-04	1.00E-04	1.00E-04
0.19165933	0.6078914	0.33322446	1.00E-04	0.59189493	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9927379	1.3737289	0.99627756	1.68083496	1.00E-04	2.22490969	1.96229445
0.23105979	0.30547508	0.55071586	0.21442364	0.44085717	0.22057069	0.65640915
2.31984915	2.05933329	2.07842808	2.54468719	0.87165607	1.00E-04	1.00E-04
1.01615731	1.08756564	0.95954933	1.43113943	1.00E-04	0.21439207	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30127966	0.48689447
0.98776385	1.34026466	0.97377355	1.1699745	1.97620639	2.87766971	2.22751703
1.22024773	0.9307636	0.68419112	1.09805186	2.15087804	1.85551624	1.84047113
1.00E-04	0.19249576	0.05253199	1.00E-04	1.00E-04	1.13815957	0.55383605
0.56523076	0.22278314	1.00E-04	0.23065926	0.59189493	1.00E-04	0.10785897
1.00E-04	0.36646516	0.29921827	0.24777332	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03425115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64473091	0.23200523	0.16120126	1.00E-04	1.00E-04	0.36812399
1.00E-04	1.00E-04	0.20061871	1.00E-04	1.00E-04	0.27052208	0.45309424
0.19182838	1.00E-04	1.00E-04	0.08291111	1.00E-04	0.12583522	1.00E-04

0.51061192	1.17863778	0.99824474	1.14091985	0.35750248	0.57867749	1.14826023
1.00E-04	1.00E-04	0.06359983	0.05749454	1.00E-04	1.00E-04	1.00E-04
0.13871239	1.00E-04	0.03069474	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36567567	0.46204389	0.47141878	0.20985636	0.65910354	1.2708209	0.81114804
0.72255748	1.63872143	1.07884756	1.28375122	0.74365793	1.00E-04	0.24554172
0.5532795	1.25416397	1.2343964	1.2981947	0.78234266	0.49696212	1.2011042
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04384139	0.09595311	1.00E-04	0.78673159	0.62852461
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74173759
0.75396188	0.1819229	0.59165469	0.71686381	1.28338746	1.38451675	1.23389883
1.00E-04	1.00E-04	0.04514371	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93189326	1.83517703	2.14621864	1.60190345	2.8344227	2.67309784	2.37122237
2.50826155	3.06391412	3.0151455	2.99610153	2.4550544	3.26407196	3.04278165
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93145379	1.00E-04	1.00E-04
1.4910241	1.80578732	1.3064456	1.23674523	0.44340029	0.73681771	0.83463202
1.00E-04	1.00E-04	1.00E-04	0.08855335	1.00E-04	1.00E-04	1.00E-04
1.20026	1.82791378	1.76173247	1.48179606	1.00E-04	1.00E-04	1.00E-04
0.62471961	1.00E-04	0.57041942	0.29836591	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0696618	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07128774	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16923835	0.16880872	0.16769147	1.23647198	0.9681197	0.78185824
0.86848149	1.35972171	1.54933393	1.73154708	1.09633899	0.94144588	1.78432576
1.00E-04	1.00E-04	1.00E-04	0.04394444	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03015456	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06732888	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06379393	1.00E-04	1.00E-04	0.09464396
1.00E-04	1.00E-04	0.15403267	1.00E-04	1.00E-04	1.00E-04	0.60552054
0.77378427	0.6354398	0.66251639	0.98558593	1.00E-04	0.45083427	1.00E-04
1.00E-04	0.46725594	0.5253745	0.29982268	1.00E-04	1.00E-04	0.48885866
0.26846088	0.07314043	1.0329851	1.01781379	0.52474525	0.39920098	0.69728582
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88257598	1.69514574	1.8557839	1.25876561	1.56698607	0.95525807	1.18527902
1.00E-04	1.00E-04	0.05286237	0.10871037	1.00E-04	1.00E-04	0.49641187
1.00E-04	0.29266241	1.00E-04	0.081012	0.74365793	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72276867	0.954148	1.83504779	1.68508478	0.90354739	1.24015208	1.77651642
1.00E-04	1.00E-04	0.14823403	0.23728452	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05641013	0.08530546	1.00E-04	1.00E-04	0.07440699

1.01793169	0.99726041	0.90398962	0.61496636	0.84607144	0.99534634	0.25203293
1.00E-04	1.00E-04	1.00E-04	0.03396066	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08107493	0.13333598	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76531163	2.01500996	2.92343959	3.19229234	1.6705001	0.85736853	2.66009474
1.00E-04	1.00E-04	0.09056905	1.00E-04	1.00E-04	0.27972467	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.69043823	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37690029	1.11654781	1.22484699	1.34312334	2.43083671	1.97195576	1.69786089
0.60024353	0.49094164	0.29508275	0.67647142	1.00E-04	0.81917698	0.68452936
1.00E-04	1.00E-04	0.02481416	1.00E-04	1.00E-04	1.00E-04	0.58165963
1.98488235	1.92129873	1.86188844	1.78270935	1.29868272	1.69768486	1.06796189
0.52954349	0.67611992	0.29773778	0.27391427	0.91526515	0.83478999	1.44738993
0.2425114	1.00E-04	0.17645006	1.00E-04	1.00E-04	0.20839209	0.64500673
1.03244272	1.27681701	1.69032113	1.85351309	0.97708708	1.55323101	2.02466207
1.00E-04	1.00E-04	0.03378655	0.04073593	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06168195	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4612411	0.2409044	0.3572142	1.17255372	1.00E-04	0.56138774
1.00E-04	0.14331604	0.0514075	0.12430341	1.00E-04	0.90045751	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29642204	1.00E-04	1.00E-04	0.1680721	1.00E-04	1.00E-04	1.00E-04
0.334196	0.83300068	1.7095204	1.70346999	0.42938666	1.118898	2.01066387
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.60908593	1.00E-04	1.00E-04	0.30780692	1.00E-04	1.00E-04
3.6259766	4.2598693	4.10212107	4.00970493	1.69154764	1.32484587	1.35800838
0.49992626	0.87113439	0.37559843	0.90618104	0.54370492	1.07568739	1.16998792
1.00E-04	1.00E-04	0.17071675	0.24181181	1.00E-04	1.00E-04	1.00E-04
0.68153534	0.75376016	0.24233311	0.41429648	0.94491358	0.27059543	1.00E-04
1.00E-04	1.00E-04	0.12738442	1.00E-04	1.00E-04	1.00E-04	0.19482141
0.21914294	0.18974755	0.43622738	0.34037768	1.00E-04	1.00E-04	1.00E-04
0.49362341	0.67335399	0.32567931	0.16146361	1.00E-04	0.41446661	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28821883	0.12293175	1.00E-04	1.00E-04	0.48838033	1.00E-04
1.00E-04	1.00E-04	0.08589618	0.09678422	1.00E-04	1.00E-04	1.00E-04
2.19515227	1.58384135	1.65193855	2.01001543	3.64582687	2.79127677	2.28466281
1.00E-04	0.29654504	0.16563676	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75840383	1.00E-04	0.16731408	0.38144332	0.40912496	1.00E-04	1.00E-04
1.038165	0.94403064	0.88449948	0.72366757	0.43090184	0.39543626	0.22022852
2.14318767	1.43094402	1.88893208	2.18772042	2.28176748	1.4946137	2.15679735
2.49656724	3.18635356	2.46480631	2.37330783	2.71588214	2.577353	1.91262969
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05484328	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32504174	0.20635896	1.3602774	0.52131762	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20024107	1.00E-04	1.00E-04	0.07382078	1.00E-04	1.00E-04	1.00E-04
0.24538996	0.28824922	0.23327222	0.15552457	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37215096	0.25673363	0.03717646	1.00E-04	0.58148952	0.30631903
0.52982745	1.00E-04	0.46452687	0.3550514	1.00E-04	0.22074923	0.25370611
0.34621813	0.82346631	0.3849789	0.62234832	1.00E-04	0.32751185	0.220236
1.00E-04	1.00E-04	0.09879301	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07925372	0.13524146	0.0659155	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06430771	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51572697	0.93580892	0.89034371	1.17469708	0.93505358	1.03138323	0.98631884
2.28086538	3.05544519	3.16927311	3.12241819	1.30993457	3.07270981	2.39348211
0.47021875	0.48660622	0.07575997	0.12535514	0.89252535	0.87271841	0.49229636
1.00E-04	0.17091773	0.25441606	0.19924118	1.00E-04	0.8805053	1.20724497
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16263232	0.70189446	0.51465537	0.34173277	1.12474992	0.68821198	0.60862895
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49751732	1.00E-04
1.00E-04	0.86503406	1.17303476	1.26927081	1.00E-04	0.56260021	1.27619608
0.27085692	1.00E-04	0.0190695	0.18139255	1.00E-04	1.00E-04	1.00E-04
1.5738337	2.00325366	2.1300885	1.97477249	1.06207163	0.78201036	1.63558523
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04793073	1.79746476	1.62736345	2.71708453
0.87183554	0.63390768	0.32298998	0.40234118	1.00E-04	1.00E-04	0.4189923
1.28638693	0.36858152	0.23607924	0.66483488	1.00E-04	1.00E-04	0.19482141
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47321288	1.94493409	2.09332849	2.09412804	1.66871077	1.93785878	1.8976848
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17075435	0.09252098	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13864085	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.34004499	4.07792667	3.40626427	2.7668659	3.63352493	4.11394492	3.23790311
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27145036	0.22165751	0.08150846	0.25475428	0.70997801	0.34293625	0.73512634
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43670524	1.00E-04	0.41749961	0.27499661	0.45086753	0.64139002	0.92378492
1.33595356	1.32697727	1.60962379	1.46441393	0.42197018	1.21502349	0.93751242
0.52948604	1.00E-04	0.10927617	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93653031	0.65372539	0.30948161	0.34418661	1.00E-04	0.53331445	1.00E-04
0.5502481	0.65308019	0.85814934	1.17858523	0.56063254	0.34908176	0.96968328
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13285762
1.11454327	1.23797882	1.06433789	1.42058267	1.00E-04	1.12175193	0.25370611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.42677395	2.14314813	2.29248009
1.00E-04	0.20663674	1.31984677	0.89845687	1.00E-04	0.48283159	3.14475351
1.27861313	2.27742475	4.1871981	3.07875893	1.15301534	1.22312295	4.84767953

0.81339776	0.46725615	0.8826332	0.60029579	1.00E-04	1.14089649	1.28230876
1.00E-04	1.00E-04	0.02796936	0.14280776	1.00E-04	1.00E-04	1.00E-04
1.52363337	1.2543443	1.268874	1.30482302	0.38091442	0.88222896	1.27965463
0.87078739	0.61671133	0.7769073	0.6222455	1.09984736	0.82153022	0.57462002
1.11710902	0.33889113	0.24976416	0.30893131	1.00E-04	0.14939575	0.37904633
1.00E-04	0.17357925	1.00E-04	0.26427576	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30279536	0.06094812	1.00E-04	1.00E-04	1.00E-04	0.28754422
1.00E-04	0.5365406	0.32041086	0.19591549	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03508654	1.00E-04	1.82707596	1.66933831	1.57911015
2.15540068	2.5241562	1.63709528	1.54829228	5.7357845	5.32834241	5.01880936
0.17537753	0.31991008	0.05170395	0.17646103	3.11119436	2.7689199	2.50633798
1.12292571	0.44354506	0.03945574	0.22708784	3.91704994	3.46344182	3.00343805
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26400902	0.24755536	0.19483265	0.19635587	1.00E-04	0.34850681	0.29945792
0.15649427	0.06764453	1.00E-04	0.07570064	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35041044	0.44129291	1.00E-04	1.00E-04	0.23576659
1.00E-04	1.00E-04	0.07715835	0.19334631	1.00E-04	1.00E-04	0.24773715
1.00E-04	0.57658979	0.21844403	1.00E-04	1.00E-04	0.19340846	1.00E-04
2.55467054	2.55387722	2.71387161	2.332534	2.07889207	0.89508971	1.20964342
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05700051	0.09273099	0.26997628	1.00E-04	1.00E-04	0.11565659
1.07293144	1.54779669	1.359659	1.19163244	1.45672738	1.2831497	0.42427894
0.79664614	0.52678355	0.81039645	1.34318204	0.93145379	0.72379937	0.98077213
1.00E-04	1.00E-04	1.00E-04	0.10146675	1.00E-04	0.34543859	1.00E-04
2.1547979	1.9729717	2.11813742	2.39415109	1.13637064	2.53220883	2.05560576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25935961	0.10691245	0.07022196	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03965525	1.00E-04	1.00E-04	1.00E-04
0.42825836	1.00E-04	0.24132321	0.18857703	1.4718588	1.00E-04	1.00E-04
0.42293844	0.77777618	0.14628738	0.39782281	1.00E-04	0.81665305	1.00E-04
1.39661197	1.89588297	1.9535377	2.19064609	0.74910948	1.83755371	2.60821382
1.00974543	0.72576824	0.59186755	0.9738716	2.55736274	2.08077641	1.51538585
2.26119231	2.4689706	2.1721161	2.66053852	3.62421615	3.66614617	3.44512415
1.00E-04	1.00E-04	0.07890719	0.05156501	1.00E-04	0.61852168	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3903688	1.61873976	1.35172808	1.48991762	2.60960246	0.99289228	0.59155788
0.82211596	0.8692964	0.47336525	0.46912522	1.00E-04	1.00E-04	0.81589962
0.50640348	1.00E-04	0.30726132	0.06347517	1.00E-04	1.00E-04	1.00E-04
1.77741012	1.73852531	2.3476556	2.49973811	1.94515033	2.40348637	2.76541476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10461209	1.95537233	1.78761427	1.54582034	0.39382455	1.37379985	1.10344726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.91883244	0.48575983	0.43591894	0.53445982	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0447755	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.24726239	2.19106327	1.72299795	2.01418308	2.30256822	1.98980012	1.99299807
1.13181582	0.87414988	1.17657599	0.94873425	1.3783089	1.91476683	1.59345264
0.7039951	1.29305069	0.91688861	0.89789941	2.37271984	0.57694749	0.62163201
0.17041597	1.1578302	0.99979905	1.43484157	0.40912496	0.95854347	0.35834617
1.00E-04	0.25251708	0.14540357	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73364863	0.80703665	0.72239244	0.57793848	1.00E-04	1.25634283	1.09619439
1.00E-04	1.00E-04	0.04009082	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61540059	1.92000524	1.80061598	1.66104945	0.87408786	1.31608299	1.28841522
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.40819534	0.56091534	0.88591887	0.54065888	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13931582	0.38350132	1.00E-04	0.80904446	0.72860485
1.00E-04	1.00E-04	1.00E-04	0.02524463	1.00E-04	1.00E-04	1.00E-04
1.44398572	1.89964855	2.25398202	2.29631702	2.30324318	2.17181171	1.97671393
1.00E-04	0.29234435	0.04500022	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17850761	0.13240067	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.34886346	0.1823184	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17922381	0.77478586	1.08568927	1.11181136	0.50894684	0.28241755	1.55875535
0.25625626	0.43377277	0.18589619	0.74282593	1.00E-04	0.06695938	0.26662489
2.31808343	2.83204398	1.92716072	2.19582441	3.15236238	3.38977904	2.72339268
0.1955807	0.43376467	0.09437016	0.57707473	1.00E-04	0.92496469	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94728103	2.45146908	2.66856583	2.97610237	1.78853293	1.39052309	2.63827877
1.00E-04	1.00E-04	1.00E-04	0.05069521	1.00E-04	1.00E-04	1.00E-04
1.45896748	1.60216876	0.57903906	0.81085033	0.82857057	2.57551053	1.53650655
1.00E-04	0.19114791	0.14691377	0.25554668	0.82173944	0.9650396	1.00E-04
1.00E-04	1.00E-04	0.21143109	0.14992146	1.00E-04	1.38350443	0.3337985
0.38484894	0.31732619	0.40667051	1.04724124	1.00E-04	1.00E-04	1.00E-04
0.55222129	0.14331604	0.12015392	0.04520229	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05524437	1.00E-04	1.00E-04	1.00E-04
0.93395871	1.40760978	1.26825332	1.1557449	1.64700045	1.20274961	1.19824636
0.47682286	1.06378769	0.28828133	0.27453426	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16617836	1.00E-04	0.47740198	1.00E-04	0.46435976
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50941449	2.74325461	1.96011536	1.66208966	1.7672889	1.92680725	1.74971013
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19212494	0.5827916	0.52032005	0.17538089	1.00E-04	1.00E-04	0.55578909
1.00E-04	1.00E-04	1.00E-04	0.0469801	1.00E-04	1.00E-04	1.00E-04
0.14265331	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24459234
1.00E-04	1.00E-04	0.07055828	0.12931101	1.00E-04	1.00E-04	1.09601485

1.00E-04	1.00E-04	0.03509112	0.1564505	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07570064	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14355112	0.13989852	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16748158	0.07820707	0.40906715	0.27084221	0.88344883	1.32382198	0.28336712
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81211048	0.91870046	1.32656337	1.51496204	1.2033054	1.74408304	2.09364497
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90169978	0.46566463	0.1197684	0.26412516	0.51366621	0.8800056	0.20964658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40674922	0.77547677	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04940568	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19900397	0.57239004	0.38731533	0.40007254	0.84766504	0.38833816	1.00E-04
0.36313816	0.63859332	0.55034281	0.22755434	1.00E-04	1.45110041	0.87491527
1.00E-04	1.00E-04	0.16112921	0.03420585	1.00E-04	0.51296682	0.21969743
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38271585	1.00E-04
1.38465785	1.81437525	1.31523857	1.65154093	0.74365793	0.78042453	0.71381643
1.0610995	0.19145714	0.400652	0.71895565	0.94476742	1.00E-04	0.58596147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21702837	0.66130595
1.00E-04	1.00E-04	0.06960859	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17514352	0.07149858	0.35134612	1.00E-04	0.8692046	1.14513567
1.00E-04	1.00E-04	0.03902076	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.71566155	2.7274819	2.03358244	2.45221916	1.72152243	2.84491156	2.56727148
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19035543	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05493536	0.08310841	1.00E-04	1.00E-04	1.00E-04
0.6350033	1.19273549	0.86441055	0.97138617	0.54258268	1.70949198	1.0730435
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93693626	0.1127394	0.70391758	0.89308212	0.80006359	0.87653169	1.08997462
1.00E-04	0.3616848	0.18867864	0.14765366	1.00E-04	0.28560787	1.00E-04
1.00E-04	1.00E-04	0.08793862	1.00E-04	1.00E-04	1.00E-04	0.19482141
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40174274	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.4657472	2.99799482	3.10694132	3.3543252	2.1218556	2.59213755	2.94160523
2.2357502	2.55852828	2.63436822	3.01934763	2.47637105	2.28183971	2.61712821
1.00E-04	0.31592473	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34861727
0.47516609	0.17652021	0.26586826	0.33215637	0.24496797	0.36741216	1.0100896

1.00E-04	1.00E-04	0.13410814	0.06002595	0.52474525	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05928229	0.08441408	1.00E-04	0.68625515	1.11810559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22244837	0.45792507	1.00E-04	1.00E-04	1.00E-04
0.64535607	1.01042731	1.00661035	1.12254907	1.08339599	1.83536845	1.51439106
0.60900465	0.21633544	0.3535835	0.82802865	1.00E-04	1.00E-04	1.00E-04
2.04707731	1.63610338	1.23175374	1.64897345	1.00E-04	1.00E-04	1.00E-04
1.08305554	1.08231877	1.31566195	1.05144832	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14906142	0.04289752	0.05227873	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14155981	1.00E-04	0.44062974	1.00E-04
2.45451837	2.75790785	2.2477817	2.31761454	2.20420215	2.77363109	2.40696461
1.00E-04	1.00E-04	0.04136703	0.07460918	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06179587	0.05114045	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15610278	1.00E-04	0.08003736	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.60114805	0.06017089	0.09922513	0.38488463	0.40752836	0.4509066
0.78997814	0.8514678	0.79313049	0.93445871	0.47257629	1.28902536	1.27776795
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24630851	1.00E-04
0.76463526	0.62732406	0.51249203	0.52648383	1.00E-04	0.71327438	0.51079521
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23721926
0.25189414	0.84178386	0.16980315	0.21966541	1.49939054	1.64500759	1.01040376
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48129234	0.12194413	1.00E-04	1.83742506	0.9679416	1.00E-04
0.39938962	1.00E-04	0.0633007	1.00E-04	1.00E-04	0.12583522	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02911983	1.00E-04	1.00E-04	0.34352872	1.00E-04
1.35829576	1.61989137	1.52583924	1.82052532	0.88941061	1.68529832	1.29282547
1.95000638	2.09519186	2.72754118	2.7315658	1.00E-04	1.81240645	2.86875303
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30789576	0.04102008	0.24330278	1.00E-04	1.00E-04	0.13723188
1.00E-04	1.00E-04	0.09449006	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33084743	0.21295819	1.00E-04	0.85342444	0.39315923
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04686195	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04130985	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06591324	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35551	1.00E-04	1.00E-04	0.04305103	1.00E-04	1.00E-04	0.80728053
1.63582803	1.4758369	1.74005073	2.04139466	2.11039957	1.43457695	1.90919782
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28756762	0.18784222	0.05494659	0.22496189	1.00E-04	1.77819781	0.62400016

1.00E-04	1.00E-04	0.26697606	0.27131837	1.00E-04	1.00E-04	0.6171328
1.00E-04	1.00E-04	1.00E-04	0.07149759	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30996911	0.12243344	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08472125	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11682107	1.00E-04	1.00E-04	1.00E-04
1.48108521	1.89287915	2.09753235	1.95695196	1.52011456	1.88051169	2.45608725
0.51374179	0.7244192	0.40544	0.56926509	1.00E-04	0.86940319	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.0771623	2.39126161	1.64478	1.95628755	3.78965282	2.94604751	2.52765792
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34293625	0.21495559
0.34392201	1.02988347	0.69920811	0.69646692	1.00E-04	0.90551273	1.00E-04
0.43753955	0.49348645	0.22983545	0.32597027	1.00E-04	1.34936662	0.39772389
0.12130432	1.21350578	1.1400589	0.81796423	1.84344127	1.19991029	2.47474982
0.55108284	1.00E-04	0.04446463	0.17063435	0.38530742	0.96443908	0.53213879
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05411367	0.11782935	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3418704	1.56290657	1.1105843	1.28844726	1.76523335	1.92219589	1.60164295
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48052965	0.08424615	0.0661026	1.00E-04	1.00E-04	1.00E-04
1.41289262	1.79820822	1.87155503	1.6663472	1.28203133	0.82757175	2.2316581
1.00E-04	1.00E-04	1.00E-04	0.14429392	1.00E-04	1.00E-04	0.28948344
1.00E-04	1.00E-04	0.04638138	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.448688	0.36275048	0.13155697	0.05511365	1.00E-04	1.00E-04	0.76111267
1.14300362	1.00259571	1.66447549	1.70691412	0.75478806	0.33938571	1.044162
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.38281954	0.22208643	0.24379276	1.07547903	0.27093829	0.99715565
1.00E-04	0.05947039	0.11822423	0.11730728	0.55964322	0.47294151	0.54590936
1.00E-04	0.2723123	0.17947161	0.10973142	1.00E-04	0.89702203	1.00E-04
1.00E-04	0.18478434	0.10267403	0.18616216	0.40975599	1.00E-04	0.20772946
2.50613366	2.30721917	2.1233541	2.35293534	2.71054245	2.07138018	1.94161911
1.00E-04	1.00E-04	0.05520598	0.14986781	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.42910099	0.31391198	0.26676544	1.00E-04	1.00E-04	0.27485202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1042102	1.00E-04	1.00E-04	1.00E-04	0.66238423
0.12498368	0.33505401	1.00E-04	0.05550769	1.00E-04	1.00E-04	0.07440699
1.00E-04	0.11033993	0.15104052	0.05431044	0.80006359	0.29937888	0.16885696
2.07088093	0.8939943	1.322224	1.70338771	2.03820293	0.6264603	1.25135615
1.00E-04	1.00E-04	1.00E-04	0.11106167	1.00E-04	1.00E-04	1.00E-04
0.17861687	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.74910661	1.94155384	2.34087546	2.13330064	1.40329986	1.9063769	2.11849306
1.00E-04	1.00E-04	0.20031895	0.07969521	1.00E-04	1.00E-04	1.06819758
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28365974	0.45580611	0.37230601	1.00E-04	1.00E-04	1.74714203
0.27085692	0.29687462	0.28011438	0.40995727	1.00E-04	1.00E-04	0.5553504
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61786682	1.00E-04
1.00E-04	1.00E-04	0.07301247	0.11018874	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07917554	1.00E-04	1.00E-04	1.00E-04
0.40584583	0.10957543	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18989993	0.13230212	1.00E-04	1.00E-04	1.00E-04
1.27689905	1.87896993	1.26335872	1.21737783	1.44206707	1.89495584	1.8233628
1.00E-04	1.00E-04	0.06584226	0.11464971	1.00E-04	0.34591941	1.00E-04
3.67529704	3.42550947	2.54884713	2.40974125	3.38583887	3.23641691	2.39091744
1.00E-04	0.35045008	0.41588127	0.3019013	1.9093875	1.26370411	1.42400551
0.43960929	0.49273951	1.00E-04	0.09360602	1.00E-04	1.29448574	0.28482166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12695561	0.26102597	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1417645	0.21897951	0.51366621	1.00E-04	1.00E-04
0.5279644	0.77127287	0.55932963	0.3096529	1.00E-04	1.00E-04	1.00E-04
0.28944058	0.3244553	0.21467967	0.13557085	1.00E-04	0.45330561	0.73463877
1.58294897	1.55321112	1.35607195	1.77808419	2.15322926	0.87747618	1.3532653
0.24840909	1.00E-04	0.15842255	0.04631836	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.78681908	0.20639239	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62272425	2.46310092	2.33601845	2.19208999	1.86250788	2.53941879	3.25869705
1.02345813	0.98422907	1.23258386	0.89173548	1.35914582	1.34084442	2.19580784
0.27968057	0.12292471	0.3394789	0.04806259	1.00E-04	0.82549361	0.51773341
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08488123	1.06686065	1.49796075	1.5190949	1.00E-04	1.00E-04	1.00E-04
0.28992479	0.62196946	0.96822914	0.97282888	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31852313	0.84269186	1.00E-04	1.00E-04	0.70013367
0.77897783	0.66012207	1.5447728	1.63664456	1.00E-04	1.00E-04	1.00E-04
0.91011362	0.67977715	0.84376631	0.67965879	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14927823	0.39942947	1.00E-04	1.00E-04	1.00E-04
3.94305264	4.16377304	3.8283976	3.62437795	2.74544146	3.4565851	3.04767138
0.23666261	0.23073174	1.09215504	1.71693939	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31317236	0.41938729	0.3500291	1.00E-04	0.31559802	0.86176093
0.32260198	0.89608619	1.38591994	1.14696794	1.00E-04	0.69630871	0.9335024
1.15201814	1.3924043	1.36003298	1.35797091	1.23029246	1.69773727	1.89394408
0.88837922	1.13461497	0.97025308	0.70770438	1.37777541	1.59517268	1.56600252
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49058478	1.77440997	2.7648664	2.61797081	1.36076551	1.35805695	2.50344295

1.00E-04	0.20487559	0.06052294	0.0882558	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04745065	1.00E-04	1.00E-04	1.00E-04
0.73995494	0.67690937	0.39399488	0.59286112	2.75286172	2.09388362	2.64761627
1.00E-04	1.00E-04	0.19371933	0.09471004	1.00E-04	0.81782482	1.00E-04
1.00E-04	1.00E-04	0.05114358	0.06151902	1.00E-04	1.00E-04	1.00E-04
0.60919497	0.11363526	0.13168874	0.15847867	1.00E-04	1.00E-04	1.00E-04
1.37355954	1.58649394	1.3971921	1.52780511	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08018751	0.17200607	0.77042044	0.33769545	1.00E-04
0.26571256	0.21633544	0.15468075	0.20738463	1.00E-04	0.80388012	1.00E-04
1.00E-04	1.00E-04	0.26795033	0.53842854	0.6924586	0.40174274	0.08557164
1.00E-04	0.21559602	0.04807238	0.15678124	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63286713	1.39139163	1.08367931	1.01330981	1.34137429	0.06695938	1.00E-04
0.93302032	0.29732503	0.24721487	0.63066652	1.00E-04	0.68341486	0.30101193
2.66091244	2.51327224	1.76133835	1.65071267	2.98119423	2.65835932	2.04185301
1.00E-04	1.00E-04	0.21155096	0.15713311	1.00E-04	1.00E-04	1.00E-04
0.75723577	1.31462382	0.66707259	0.96017788	1.11688867	0.57015292	2.08894917
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56205837	2.46641986	1.95266376	2.26618961	2.54317767	2.89317574	2.51340041
1.00E-04	0.20237072	0.13973003	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40559431	0.05700051	0.1732728	0.0475556	1.00E-04	1.00E-04	1.00E-04
1.49540577	1.34157643	1.13341634	1.29216004	1.05968631	1.58792051	1.16763317
0.11503627	0.25624121	1.00E-04	1.00E-04	1.00E-04	0.53967595	0.40593783
0.21494302	1.49807245	1.63833835	1.46101404	1.00E-04	0.43059996	0.8514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05700051	0.0837946	0.08932606	1.00E-04	0.69969285	1.00E-04
1.1268449	0.90466444	1.22790306	1.05863728	0.98528474	1.74801132	0.89457236
1.00E-04	1.00E-04	0.04732804	1.00E-04	1.00E-04	1.00E-04	0.50751015
0.1943788	0.64468696	0.43818163	0.52031097	0.54258268	1.18737368	0.44456972
0.50916996	0.54718369	0.38895728	0.30906804	0.61856275	1.00E-04	1.025169
1.00E-04	0.28506991	0.85857071	0.41732609	1.00E-04	0.33736657	1.40125042
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45351453	1.39196201	1.25893876	1.36469594	0.61235854	1.56944185	1.99180286
1.00E-04	1.00E-04	0.09174885	0.47875413	1.00E-04	0.9242623	0.73713164
0.29490836	0.6189798	0.12451409	0.29310013	0.44340029	1.00E-04	0.11699513
0.8334181	1.01434437	0.94187241	0.7495296	0.40674922	0.12971519	0.12174474
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24571441	0.41107494	1.82076987	1.42891929	1.37233653
1.00E-04	0.42037155	1.06446674	1.07618479	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17001762	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4460272
1.80855927	1.18770648	2.15397872	2.06032153	1.00E-04	1.55272817	0.93749218
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.63648748	2.27884338	1.5710554	1.28449184	1.42848576	1.88204337	1.19378303
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07842003	1.00E-04	1.00E-04	0.29132133
1.00E-04	1.00E-04	1.00E-04	0.06790145	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.72502509	0.88867902	0.91876116	1.00E-04	0.45518725	1.00E-04
0.79008745	0.67734864	0.50508791	0.46417954	0.65910354	0.57577492	0.86634876
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32668362	1.60812885	1.52564808	1.19046666	1.00E-04	1.18044426	0.3392339
3.13849917	2.48297192	2.06284677	2.1494646	2.76732389	3.06664005	2.05655527
2.61378663	2.78601187	2.873756	3.14310531	1.94369302	3.34295985	3.5366292
1.65237094	1.77887212	2.12743748	1.9721601	2.8369513	3.03842597	3.23910334
1.00E-04	1.00E-04	0.26579594	0.33964033	1.00E-04	1.00E-04	1.00E-04
0.7365886	0.29406954	0.77350575	0.88330104	1.00E-04	1.23822125	0.44523852
1.00E-04	1.00E-04	0.09274222	1.00E-04	1.00E-04	0.80076172	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61311134	0.18590644	0.20431185	0.41878031	1.00E-04	1.00E-04	1.00E-04
0.41404366	0.7653104	0.22321521	0.15697458	1.00192428	1.24591508	0.68011563
0.82937988	0.97562399	0.59821733	0.57937773	1.6363392	0.961462	1.68923796
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16688762	1.00E-04	0.33361488	0.43401237	1.00E-04	1.00E-04	1.00E-04
1.58126612	1.97691736	1.88650944	2.12268764	2.4618238	2.63683241	2.43699393
1.44799698	1.49575854	1.53988309	1.60154348	0.86454531	1.20319844	1.0292275
0.58229951	0.74813815	0.19307265	0.36119313	1.00E-04	0.55207217	0.29149417
0.77181209	0.68022717	0.75142518	0.94958088	1.19676839	0.70072605	1.64491609
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4542793	1.00E-04
1.00E-04	1.00E-04	0.08631831	0.05657511	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10252061	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.48968905	4.05133782	4.65698779	4.58831887	3.01650861	3.59673726	4.31904033
2.75720523	3.07484465	3.83919355	4.04043118	2.02964542	2.57325236	3.79696804
0.68272851	0.28739561	0.96972263	1.11336871	1.00E-04	1.17036249	1.01922823
0.8563208	0.70606685	0.53804017	0.59946952	1.00E-04	1.1724779	0.81983505
0.67076047	0.41666139	1.06718258	1.01280751	1.00E-04	1.00E-04	0.46847601
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42938666	0.94412672	0.95852288
2.60568596	2.88557693	3.35596583	3.66979273	1.97910295	2.47140331	3.17289494
1.5640104	1.69904718	0.86480699	1.37624041	1.65790823	2.70765257	1.9922797

1.00E-04	0.43737448	0.29098386	0.5664519	1.00E-04	0.34271953	0.78737884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55654531	0.40465359
2.71675284	2.82216069	2.42720681	2.73833663	3.40565434	3.82713397	3.14638674
0.23251313	0.40218956	0.56920079	0.4122843	1.30369071	0.50658867	0.7991474
2.5080277	2.6961635	2.31281937	2.17244434	2.11226543	2.71908823	2.21981062
3.13392987	3.13816842	2.68353316	2.59842723	2.39275049	2.42922934	2.22015734
1.00E-04	0.52615294	0.43377448	0.34333281	1.00E-04	1.00E-04	2.0589353
1.00E-04	0.19371408	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06487343	0.05604194	1.00E-04	1.00E-04	1.67232849
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13939479	0.0988369	0.50488113	1.13072067	1.05129069
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29002183	1.00E-04	1.00E-04	0.05114045	1.00E-04	1.00E-04	0.23472517
0.21475715	0.29712691	0.5766407	0.47092555	1.00E-04	0.25871909	0.1989351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.77813154	1.00E-04	1.00E-04
0.21771568	0.45798113	0.41563443	0.41525511	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18539641	0.05137545	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17120463	0.06114217	1.00E-04	1.00E-04	1.81736062
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35546821	0.39206037	1.254167	1.20209922	0.46459709
0.4043605	1.00E-04	0.032615	0.14472975	0.77322435	0.35770721	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50069312	0.46287668	0.40997111	0.1868483	1.15093088	1.58735813	1.83034313
0.19212494	0.18777239	0.35435006	0.37016184	1.00E-04	0.36289298	0.77227429
1.01332066	1.17981641	1.84139407	1.37964798	1.02320947	1.5598459	1.11967514
1.00E-04	0.29707058	0.19970362	0.16796589	1.00E-04	0.68789733	1.00E-04
1.14215571	0.87401792	1.23627491	1.17266546	2.34241521	3.01034071	2.56473742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9613907	1.02038942	1.04772813	0.99731328	1.05009593	0.95161195	1.06464459
1.00E-04	1.00E-04	1.00E-04	0.06736134	2.03880432	0.78930516	0.48741457
1.00E-04	1.00E-04	0.03530296	1.00E-04	1.00E-04	0.35359087	0.72734435
1.00E-04	1.00E-04	0.05517201	0.03591083	1.00E-04	1.14049865	0.17016891
2.44817538	2.69575402	2.13631964	2.23472236	2.87595511	2.83182752	2.40961246
1.00E-04	1.00E-04	1.00E-04	0.02876138	1.00E-04	1.00E-04	0.37440717
0.17922381	0.2040378	0.17377789	0.32950903	0.79194633	2.41694076	1.56288669
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56538883	1.57787545	1.27378532	1.37150841	1.02180146	0.9027628	0.9309628
0.62932177	0.91640532	0.25291761	0.6534177	2.71492373	2.59874994	2.16322409

1.00E-04	0.54238359	0.03528444	0.10924743	1.00E-04	1.00E-04	1.00E-04
0.51698213	1.00E-04	0.29412962	0.36343666	0.76050048	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74942096	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35702157	1.2000221
1.00E-04	1.00E-04	0.10594637	0.04020856	1.00E-04	0.78522503	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12064539	1.00E-04	1.00E-04	1.00E-04
1.99237327	2.32101295	2.0605124	2.08580631	3.26951532	3.15665119	2.58890728
2.54570209	3.12774564	2.97053824	3.1494967	2.17412207	3.28056255	3.04732389
1.00E-04	1.00E-04	0.14262141	0.24096768	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34607196	0.0422698	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.54687623	0.15868652	0.08143293	1.00E-04	0.60986383	0.95546207
0.26178384	0.56916996	1.30843496	1.38087547	0.63583153	0.8591321	1.41905261
1.00E-04	0.24755536	0.10855859	0.08054494	1.00E-04	1.00E-04	0.14701138
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27106612	0.22609391	0.22090556	1.00E-04	1.00E-04	1.00E-04
1.37090101	1.73265412	1.70010916	1.95560381	1.4823494	2.31935759	2.70225056
1.00E-04	0.27099318	0.05748313	0.19218913	1.00E-04	1.00E-04	0.45523124
1.00E-04	1.00E-04	0.28320762	0.50695168	0.59547666	0.27093829	1.00E-04
1.00E-04	1.00E-04	0.09519933	1.00E-04	1.00E-04	0.26819566	1.00E-04
1.00E-04	1.00E-04	0.461783	0.22170646	1.00E-04	0.25871909	0.12174474
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	3.03918168	2.27266026	1.24084635
0.16672782	1.00E-04	0.30676634	0.08449186	2.2227363	1.12872775	1.55586507
0.29321157	1.00E-04	0.19998448	0.2552509	1.00E-04	1.00E-04	0.36812399
2.14152276	3.06481856	2.97124979	3.27953864	1.71910756	2.72457279	2.96199769
2.33059548	1.63234861	1.55684224	1.59956331	1.00E-04	1.00E-04	1.20467448
0.61771112	1.00E-04	0.54319621	1.54287164	1.00E-04	0.45779176	1.00E-04
1.00E-04	1.00E-04	0.06382649	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18590644	0.03675484	0.18127852	1.00E-04	0.27606067	0.53081464
0.36762306	0.2201583	0.16768306	0.72355976	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13737933	0.19812211	0.29020038	1.00E-04	1.00E-04	0.16257726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08924863	0.10432137	1.00E-04	0.38831064	1.00E-04
1.00E-04	1.1511319	0.71518653	0.80366339	0.38530742	1.15818519	0.20772946
1.00E-04	1.00E-04	0.08731426	0.03415987	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04568812	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.26108847	0.14454144	0.08316803	0.87446197	1.00E-04	1.00E-04
0.22886845	0.7142236	0.47596001	0.50864006	1.00E-04	0.95496148	0.80076464
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79218432	1.00E-04	0.72912638	0.73648422	1.11541371	0.78217049	1.74800177
0.82507409	0.35243516	1.00E-04	0.11297024	1.00E-04	0.2827378	1.00E-04
0.48832341	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27059543	0.28991116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04757989	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09626156	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2206171	0.52139199	0.59593242	0.51739351	0.65910354	0.34658364	0.50706663
1.26931586	1.00608532	0.95684553	1.27362794	1.12099103	1.61281191	0.5383662
1.00E-04	1.00E-04	0.27662903	0.09654	1.00E-04	0.26296371	0.49844295
1.00E-04	1.00E-04	0.09269244	0.09459272	1.00E-04	1.00E-04	1.00E-04
1.59548542	2.3261158	2.50266489	2.50019882	2.01574377	2.51698631	2.28519662
1.00E-04	1.00E-04	0.11606729	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73934389	2.40553237	2.21703688	2.29459126	2.72368332	3.04947481	2.55319114
1.90475826	1.67951139	1.16683751	1.66060032	1.00E-04	1.00E-04	0.35317396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05806792	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04336477	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22193009	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24024318	1.8709698	1.17963259	0.77130777	1.33050532	1.8157465	1.28542727
1.00E-04	1.00E-04	1.00E-04	0.12953176	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24431554	0.05563995	0.08878669	1.00E-04	0.45330561	0.65640915
1.00E-04	1.00E-04	0.03614736	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76335025	0.50488009	0.28030841	0.14447376	0.54828133	1.27605848	0.90793351
1.00E-04	1.00E-04	0.03512778	0.12783529	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37947985	0.42690182	0.69980613	1.00E-04	0.29138547	0.68820596
1.00E-04	1.00E-04	0.18066507	1.00E-04	1.00E-04	1.00E-04	0.58165963
0.22400069	0.27779723	0.33177736	0.33315158	1.00E-04	0.23105475	0.16885696
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14939575	1.00E-04
2.81812098	3.6264423	3.70401736	3.67110622	1.8059485	3.57710706	3.82008186
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13737547	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21533444	0.07287741	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71130397	0.35816553	0.1142897	0.52105756	0.74152781	0.11565659
1.00E-04	0.60671671	1.00E-04	0.05527715	1.00E-04	0.7138664	0.58165963

1.74987588	1.10365204	1.91021755	1.90380063	1.01493203	2.2330326	2.17516195
2.06179205	1.96324523	1.6446552	1.65874361	1.09172184	1.54301629	1.00678834
2.03182328	1.81606586	1.79489208	2.30163334	1.38804824	1.99089559	1.10115172
1.95942437	2.34999223	2.33258139	2.72631227	1.97674378	2.13473878	3.0488583
1.14073648	1.50417722	1.19000471	1.25846329	1.03337828	0.99547948	0.88587622
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14954018	0.19376381	1.00E-04	1.00E-04	1.00E-04
0.34583049	0.18055751	0.05147636	0.15971819	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12065917	1.00E-04	1.00E-04	1.00E-04
0.72244971	0.47050596	0.19745756	0.44287679	2.25473285	1.8419184	0.96811261
1.00E-04	1.00E-04	0.04518921	0.19345046	1.00E-04	1.00E-04	1.00E-04
0.45909136	0.5960051	0.38356205	0.29240026	1.00E-04	1.00E-04	0.2052087
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06661234	0.22580801	0.58155153	0.51102197	1.00E-04	0.52418905
1.00E-04	1.00E-04	0.11810018	0.05797156	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36868947	0.68041061	0.69998092	1.34938668	1.87685525	2.9534887	1.78407489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28977936	0.17079261	0.10625833	1.00E-04	1.00E-04	0.63412712	1.00E-04
3.39223883	4.04192127	3.99740594	4.06687398	2.66266538	3.80016316	3.83724752
1.00E-04	1.00E-04	0.12823541	0.04569742	1.00E-04	1.00E-04	1.00E-04
0.37796857	0.82411807	0.47370925	0.57922131	1.00E-04	0.95082174	1.00E-04
0.76737261	1.13494627	1.11726787	1.3075436	1.84344127	0.86577223	0.93602399
1.00E-04	0.69201046	0.49490465	0.53873693	1.00E-04	1.00E-04	0.41773681
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06192797	0.78234266	0.2827378	0.70835358
1.36156281	1.73124093	1.62415256	1.59511317	0.79444753	1.38887345	1.57744351
1.00E-04	1.00E-04	0.04632547	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65438479	2.09701929	1.87374703	2.03678879	1.75395542	1.66849268	1.05217391
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44052343	0.14570264	0.128289	2.34160484	2.03694853	1.96883914
1.00E-04	1.00E-04	0.04564161	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23910112	0.04549493	0.11986852	1.10345699	0.43385867	1.06862794
1.00E-04	0.13864085	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64177911	1.58917211	1.0740833	0.91056313	1.00E-04	0.50727696	0.64791466
0.69733736	1.66468933	0.88651789	0.53603834	0.52105756	2.14433774	1.88304851
0.5893702	0.61959992	0.52361495	0.67902712	0.65910354	0.51541791	1.44927422
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04484268	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.27650015	0.05162456	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1043971	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.38595832	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12928534	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26718572	1.00E-04	0.30558893	0.9341206	1.19863031	1.53285344	1.28281659
1.00E-04	0.1960454	0.1254428	1.00E-04	0.44085717	1.57809798	1.39792048
1.00E-04	1.00E-04	0.29722123	0.4095888	1.00E-04	0.8485738	0.91696316
0.20534776	0.72875749	0.44249841	0.50916957	1.2149488	1.00E-04	1.00E-04
1.5488088	1.70674075	1.59594892	1.63980333	2.10713404	1.99541186	2.0121477
1.00E-04	1.00E-04	0.07860164	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11169241	0.07248045	1.00E-04	1.00E-04	0.66205541
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25691171	0.34236983	0.09254612	1.12962764	1.84490496	0.24773715
1.00E-04	0.58728695	0.37060097	0.22827262	0.45086753	0.27580628	0.23641967
2.76612975	2.39572385	2.49944119	2.63785125	3.01683097	3.07122736	2.88724014
1.00E-04	1.00E-04	0.12564853	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02693328	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56775399	0.05024552	0.20494618	1.00E-04	0.31559802	1.00E-04
1.53173094	0.86173505	1.29939625	0.77668067	1.23973478	1.73806062	2.22357575
1.22776507	1.68251646	1.34052947	1.17202432	0.45086753	1.64433861	1.37559299
0.94922214	1.49241454	1.86468099	1.80388901	1.07287978	0.78493972	1.51505458
1.00E-04	0.50788107	0.11114569	0.13867528	0.24496797	0.16691201	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15372749	0.04214234	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87082375	0.7797757	0.30908763	0.52832707	1.00E-04	0.91359915	0.29848141
1.00E-04	0.1700093	0.06561735	0.12557916	1.00E-04	0.40571981	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.290508	1.00E-04	0.08156134	0.08029034	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09864053	1.00E-04	1.00E-04	0.31311709	0.33012389
1.00E-04	1.00E-04	1.00E-04	0.05000591	1.00E-04	1.00E-04	1.00E-04
0.19182838	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36299253	0.09520901	0.09795125	1.00E-04	0.67391014	0.70004043	1.00E-04
1.00E-04	1.00E-04	0.11733557	0.18913497	1.00E-04	1.00E-04	1.00E-04
2.51266467	3.9028274	2.62981076	2.64494727	2.79936188	3.85743168	3.16462267
0.30474654	0.86411544	0.94590985	1.29906123	1.00E-04	0.39723272	0.25788363
1.00E-04	1.00E-04	0.28863309	0.05205479	1.00E-04	1.00E-04	0.14635168
1.00E-04	1.00E-04	0.27826426	0.20303488	1.29222604	0.21699698	0.16770769
1.00E-04	1.00E-04	0.0560925	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71501629	0.3049627	0.23590403	2.13158167	0.43330369	1.00E-04
1.00E-04	1.00E-04	0.1295683	0.22381306	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09923002	1.00E-04	1.00E-04	1.00E-04
0.35935729	1.00E-04	0.23237768	0.15358864	2.92235161	4.09519638	3.95657776
0.5774339	0.06266407	0.3353824	0.282781	0.39382455	0.49565129	0.1989351
0.3371285	0.42167225	0.5945095	0.60417865	1.00E-04	1.25675553	0.14835414
2.09192393	2.26197019	2.59547103	2.73146549	2.00424857	2.23705787	2.56073594
1.00E-04	1.00E-04	1.00E-04	0.06982246	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45298847	0.32750571	0.24310665	1.00E-04	0.4379604	0.17016891
1.00E-04	1.00E-04	1.00E-04	0.03787154	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1887281	0.14224779	0.10635782	1.00E-04	1.00E-04	0.55360685	1.00E-04
0.18368792	0.23819744	0.0510078	0.10887954	1.64073451	1.12823935	1.02205164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42103266	0.92633448	0.88261557	1.04063966	1.00E-04	0.82039128	1.66521298
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11565659
1.00E-04	0.48198058	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.67303747	2.90259414	3.03140496	2.87630725	2.31953701	3.06792115	2.87520817
1.00E-04	0.24538597	0.14561012	0.305325	1.00E-04	1.00E-04	0.41972342
0.28058578	1.00E-04	1.00E-04	0.06044136	0.69957662	0.73380494	0.48681166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03564444	1.00E-04	1.00E-04	1.00E-04	0.44379634
0.43121279	0.36824407	0.77669615	0.51010641	1.00E-04	1.00E-04	1.00E-04
0.5554004	1.02662078	0.39005929	0.05708353	1.21404162	0.52079992	0.38978438
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07566083	0.05572905	1.00E-04	1.00E-04	1.00E-04
0.79782324	1.00E-04	0.18308594	0.32066117	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.85560017	0.03626431	0.60512029	1.00E-04	0.63994416	1.39290586
1.00E-04	1.00E-04	0.076391	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81745699	0.9526525	0.59762237	0.96442849	1.00E-04	0.89335495	1.01397949
2.07956523	2.25566832	1.75579069	2.2173148	1.00E-04	0.2496013	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04015665	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19474276	0.45613281	1.00E-04	1.00E-04	0.5714079
1.00E-04	1.934135	0.45732722	0.36296147	0.74365793	0.85323666	1.46273841
1.58050673	1.00410304	0.82904044	1.0944536	0.97253223	0.95312465	0.62706228
1.16985038	0.72196703	1.13921299	1.00970541	0.40975599	1.40533613	0.99702814
1.00E-04	0.19319534	0.47151861	0.18653173	0.38488463	0.22044102	0.76783731
1.00E-04	1.00E-04	1.00E-04	0.06267796	1.00E-04	1.00E-04	1.00E-04
0.3422687	0.3011895	0.10729501	0.2964477	0.47740198	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09810607	1.00E-04	1.00E-04	0.41446661	0.30631903
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03243943	1.00E-04	1.00E-04	1.00E-04
0.28944058	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38316668	0.39262275	0.21197037	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92764999	2.36663563	2.09482003	2.08342638	2.20305779	2.25399567	1.93954506
1.00E-04	1.00E-04	0.0555595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07102907	1.37929151	0.68063116	0.33596265	1.00E-04	0.66216121	1.00E-04
1.68038834	0.78130401	1.26435633	1.60186364	0.91220187	1.18905303	1.46626231
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23953627	1.35570806	1.76267926	1.81074276	0.74849138	1.71080353	1.23781452
1.00E-04	1.00E-04	0.1820571	0.60069442	1.52045495	0.63872328	1.00E-04
1.00E-04	0.24243554	0.15109158	0.17171886	1.00E-04	0.87383657	1.00E-04
1.01274994	0.46586465	0.09930057	0.37220313	1.00E-04	0.28241755	0.32175167
0.25550183	1.22022066	1.10987284	0.94837602	1.25006097	0.97662914	0.25275834
1.57721308	1.1831854	1.3783316	1.62694091	0.97063152	0.85945363	0.53334573
1.00E-04	1.00E-04	0.37090489	0.09723034	0.35320673	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04625704	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31493907	0.08450567	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21386006	1.00E-04	0.09497444	1.00E-04	0.20839209	0.91524468
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34293625	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10517263	0.19549137	1.00E-04	1.00E-04	1.00E-04
0.38262809	1.00E-04	0.11342293	0.06700601	0.59994704	0.35163059	1.00E-04
0.27085692	1.00E-04	0.07801666	0.06768765	1.00E-04	1.00E-04	1.00E-04
4.81171389	3.62528984	3.27038163	2.8566272	5.63989462	3.66712703	3.0955692
1.00E-04	1.00E-04	1.00E-04	0.08912655	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24441569	1.57468062	1.48994481	1.30336497	2.02779978	0.99668686	1.29288106

1.00E-04	0.28269122	0.21896416	0.05718866	0.65823999	0.25871909	0.22368725
1.00E-04	1.00E-04	1.00E-04	0.03717646	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06521953	0.0601681	1.00E-04	1.00E-04	1.00E-04
0.12595009	0.40268947	0.12887098	0.21212464	1.00E-04	0.29937888	0.54639515
0.79181524	1.00E-04	1.00E-04	0.07073745	0.85663896	1.00E-04	1.00E-04
0.85778173	0.60414288	0.20392929	0.16937663	1.3296414	1.05459671	1.00E-04
0.28977936	1.00E-04	0.24710092	0.62192169	1.00E-04	0.46718831	1.08535766
1.00E-04	0.18763613	0.04934224	0.06333132	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10268914	0.14187463	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.08159748	0.32861535	0.37867646	1.00E-04	0.4940442	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16983413	0.70484291	0.67965375	0.81821202	1.58455345	1.63654158	1.60284488
1.00E-04	1.00E-04	0.04447199	0.13269204	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20470943	0.26262039	0.15352631	1.00E-04	0.33769545	1.00E-04
1.00E-04	0.19014044	1.00E-04	0.06936783	1.00E-04	1.00E-04	1.00E-04
3.30191458	3.94579694	4.71877892	4.82930211	2.62205241	2.65244767	3.97568917
0.20902552	1.00E-04	0.41583405	0.28987386	0.30780692	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11999334	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40479022	0.16714916	0.28603255	0.33739469	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25174191	1.6674173	1.35705163	1.25869068	1.04479974	1.22869644	0.48830516
1.00E-04	1.00E-04	0.28203333	0.30910705	1.00E-04	0.58148952	1.00E-04
1.00E-04	0.56488113	0.23528918	0.08149586	1.00E-04	1.00E-04	1.00E-04
1.47392569	1.85313509	1.37528388	1.39597588	1.90497714	1.71970038	1.62369249
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40171885	0.75629667	0.15710767	0.49430276	1.00E-04	0.28215124	0.31554781
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05995627	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11466061	1.00E-04
0.50482777	0.88342717	1.01612678	1.22400132	1.00E-04	0.68451501	1.00E-04
1.15585148	1.04254919	0.41373972	0.61074363	1.00E-04	1.06392446	1.0226995
0.45938124	0.07142777	0.21144869	0.28387227	1.00E-04	0.61786682	1.00E-04
1.10623407	1.05861637	0.7905964	0.87338146	1.17776881	2.11625141	1.16125756
0.6287292	1.00E-04	0.04139249	0.03607303	1.00E-04	0.59800723	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41241033	0.28191199	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.10070734	0.25871909	1.0575378
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.0958853	0.03314546	1.00E-04	1.00E-04	0.52691586	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0320439	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17288582	1.05987859	1.38279787	1.61310889	1.2657594	0.62758949	1.57298341
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39372952	0.0644423	0.29824337	0.27124098	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07029735	0.32761725	0.09984845	3.22831185	0.92000153	1.30071398
1.00E-04	0.49348645	0.42262824	0.50813782	1.00E-04	0.67663726	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17954716	0.08840271	0.07813495	1.00E-04	1.00E-04	1.00E-04
2.53237392	2.66264084	2.16437543	2.3740628	3.23401489	3.18909578	2.75307015
0.93812669	0.72561026	0.68038172	0.31146291	1.11693638	1.27564319	0.40918232
1.00E-04	0.49650806	0.29692423	0.3844945	0.47740198	1.03548718	1.00E-04
2.0567011	2.17332244	2.57051255	2.48676861	2.06679218	2.09144959	2.75574654
0.53739791	0.54910885	0.20516543	0.35562662	1.00E-04	1.00E-04	0.48918601
1.00E-04	1.00E-04	0.0528858	0.08802745	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04628768	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19035543	0.03801709	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17170231	0.4518207	0.48060496	1.00E-04	0.21495559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33884663	0.35133949	0.22737024	0.60367911	1.00E-04	0.86093273	0.20240131
1.00E-04	1.00E-04	1.00E-04	0.03169284	1.00E-04	1.00E-04	1.00E-04
0.5965605	1.00E-04	0.19729189	0.21624372	1.00E-04	1.00E-04	1.00E-04
0.67990463	1.02936743	0.87459238	1.03898366	1.00E-04	1.00E-04	1.00E-04
0.14170192	0.65555055	0.18612291	0.33883503	1.00E-04	1.00E-04	0.19959511
0.58713809	0.72373768	1.03401868	0.90675457	1.24916722	1.40569313	1.17146781
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07742477	0.40425114	1.00E-04	1.00E-04	0.2588586
1.02913845	1.80391313	2.51087382	2.33228917	0.95779405	1.78172763	2.61099848
2.6718753	3.46493586	3.57715475	3.26390503	1.30695208	1.46121994	2.06394841
1.00E-04	1.00E-04	0.04886713	0.54245176	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05249099	0.07179148	1.00E-04	0.4284064	1.00E-04
1.00E-04	1.00E-04	0.34738194	0.05049373	1.00E-04	0.58714739	0.62852461
1.00E-04	1.00E-04	0.37611931	0.23221884	1.00E-04	1.00E-04	1.00E-04
1.83115135	1.85111857	1.96728494	1.76137029	1.00E-04	2.11990182	2.0698425
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74177874	1.05058679	0.83292137	1.00E-04	0.68821198	1.73938631
1.59537672	1.30142498	1.00248089	1.16282185	0.93367119	1.38807445	0.94207914
1.00E-04	0.30986504	0.72122954	1.01252407	1.23997376	0.69302344	0.59137143
1.00E-04	1.00E-04	1.00E-04	0.04416663	1.00E-04	1.00E-04	0.35106062

1.00E-04	0.3711506	0.24923861	0.2148418	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.38230072	0.17969417	1.00E-04	0.21159524	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04317738	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04477508	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29945792
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88651116	0.96817694	1.6146153	1.71810145	0.86518274	0.92643956	1.40406471
1.00E-04	0.33816467	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23758137	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17727073	0.23796074	0.03782464	0.38668985	0.45086753	1.22338929	0.24773715
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12827716	1.00E-04	1.00E-04	0.74451188	1.00E-04
1.30522506	1.05170305	1.35795977	1.41248228	0.38530742	0.91138474	1.88178374
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.2491449	4.57345239	5.43595883	5.40526216	4.00353184	4.03744846	5.31885103
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13063398	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0911834	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20862647	0.11609036	3.98802022	4.00785581	3.65923194
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20721929	0.13860264	1.00E-04	1.00E-04	1.00E-04
1.36339938	1.56103576	1.32869508	1.61304	3.42092609	3.69843736	3.07274909
1.98053842	1.93934184	1.74689924	1.88437247	1.57773734	2.89715156	2.76801973
0.37150145	0.70265723	0.84454998	0.69295531	1.00E-04	0.39240942	1.00E-04
0.26044797	0.62823273	0.17964049	0.13006196	1.00E-04	1.00E-04	0.44252144
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16909838
0.50655363	0.40959321	0.03298694	0.04110735	1.00E-04	0.6123521	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08029034	1.00E-04	1.00E-04	1.00E-04
2.53908496	2.77533898	2.36826506	2.47731942	2.67278629	3.10838037	2.375911
0.20517817	1.00E-04	0.11767077	0.14262588	1.80657855	0.57416415	1.00E-04
1.00E-04	0.08372266	0.22058341	0.04863969	0.80915351	0.79305763	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62630319	0.77812543	0.39623533	0.24336964	0.79362241	0.51556887	0.11565659
1.57678276	1.32481883	1.3833534	1.70214369	2.60156983	1.96491069	1.67823212
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.45965153	0.52622594	0.86518274	1.00E-04	1.01303965
0.81231406	0.96624727	0.65745461	0.41696349	1.00E-04	0.90119523	0.62701528
1.00E-04	0.38223749	0.07276499	0.12832318	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05285199	1.00E-04	1.00E-04	0.72736472	1.00E-04
0.22793776	0.04534268	0.20597206	0.10043818	0.44085717	0.33235459	1.00E-04

0.73303994	1.28594861	1.20208105	1.49841965	1.37714935	1.59307186	1.69500831
1.63817879	1.48844347	1.3211751	1.35710477	0.43177254	1.58329025	1.44644002
0.69457905	0.95933236	0.58151943	0.89225834	0.83934205	1.09309306	0.87604767
0.11503627	1.26816736	1.58732822	1.79300364	1.27108642	0.20812103	1.46145712
1.00E-04	0.26689949	0.04942384	1.00E-04	1.00E-04	0.27972467	1.00E-04
0.18926183	0.23073174	0.08781046	0.4145761	1.00E-04	0.66776439	1.00E-04
1.00E-04	0.20487559	1.00E-04	0.12514689	1.00E-04	1.00E-04	0.90268303
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12073958	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11350757	0.16457571	0.20717012	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22941981	0.15993918	1.00E-04	3.26950434	2.63930724	2.83973332
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18597055	0.33758991
0.15695969	0.324495	0.36773409	0.46311808	1.00E-04	0.1839207	0.36317177
4.15091529	4.50748237	4.5180356	4.56292909	3.79218449	3.8305726	3.95907622
1.25979376	1.49686816	1.01326758	1.02526651	1.52551625	1.70158053	0.16770769
0.85163173	0.75604083	0.47188829	0.15672792	1.00E-04	1.00E-04	1.00E-04
0.81829309	1.561177	1.19027919	0.87217889	2.08684198	2.13072004	1.53734666
0.95016355	1.02701511	0.7038982	1.07095264	0.67865304	0.92937092	0.54145888
0.85440597	0.1570972	0.07706972	0.04441931	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55790246	0.28904681	0.25007818	0.39673758	1.00E-04	2.08997493	1.00E-04
0.5604354	0.78890955	0.87265663	0.50617663	0.54050558	0.28191199	0.09760498
1.18926919	0.61022107	1.31272614	1.09041921	1.47216676	0.7256343	2.15027853
0.36085953	0.48283379	0.40157228	0.23884125	1.24730419	0.81943529	0.89051234
1.00E-04	0.18974755	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82747043	0.92624533	0.44094155	0.63688681	1.35448781	0.65713989	0.71626909
0.2678044	0.42590573	0.7337749	0.86280275	1.00E-04	1.00E-04	0.46623674
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21463319	0.17404185	0.30763543	0.38488463	1.00E-04	0.21257887
1.00E-04	0.1008123	1.00E-04	0.05631293	1.00E-04	1.00E-04	1.00E-04
0.80532448	0.71987287	0.06717403	0.23096844	1.00E-04	0.65173525	0.50986773
0.39149292	0.87346607	0.21509614	0.57697445	0.59994704	0.86340296	1.17633991
1.00E-04	0.13376861	0.2793126	0.68832566	1.00E-04	0.41205115	1.00E-04
1.00E-04	1.00E-04	0.20261614	0.0430179	1.00E-04	0.42387713	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82275902	1.58887152	1.34477	1.48022993	1.00E-04	0.14310979	0.47175577
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16369508	0.0943331	0.48060496	0.61852168	0.55754859
0.28131421	0.87671747	0.33904492	0.36554423	0.89553159	1.12123695	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03611031	1.00E-04	1.00E-04	1.00E-04

0.21690073	1.00E-04	1.00E-04	1.00E-04	0.43177254	0.69549641	0.49915507
1.00E-04	1.00E-04	0.05319694	0.09457709	1.00E-04	1.19965386	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19996483	1.00E-04	0.02756526	0.05480027	1.00E-04	0.55514206	0.77250897
1.00E-04	0.37166821	0.52213052	0.56094472	1.10345699	0.4761539	1.06497272
2.91064985	3.40827067	3.25848191	3.35883381	2.67617064	3.41229781	3.36278388
1.00E-04	1.00E-04	0.16055064	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12494921	0.20116741	2.71862432	1.76240636	1.25301769
1.00E-04	1.00E-04	0.1401922	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05369608	0.18072417	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04406402	0.09728984	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.41004731	0.47627781	0.34243764	1.43388615	0.31666865	1.00E-04
1.00E-04	1.00E-04	0.11028078	0.24698651	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19046343	1.00E-04	0.03906609	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21895237	0.2962864	0.18310138	1.00E-04	1.00E-04	1.00E-04
0.38034913	0.62197749	0.49408008	0.34812316	0.54293045	0.34850681	0.73908963
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46881039	1.00E-04	0.90758486	1.15673932	0.43090184	1.134636	0.7203142
0.21930883	0.29394519	0.32683638	0.75560943	1.00E-04	1.00E-04	1.00E-04
2.64720429	2.45597735	2.41838508	2.56045858	2.7116656	2.9203267	3.14358742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31056119	0.83496354	0.75902903	0.79652001	0.51366621	0.69500043	0.81788139
0.47573827	0.63205887	0.18631192	0.30586317	1.00E-04	0.81782482	0.38790491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03795808	0.090337	1.00E-04	1.00E-04	1.00E-04
1.59179704	1.02015651	1.3108616	1.55397303	1.11649632	1.06723466	1.07845255
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.83239876	2.88558973	2.31229061	2.43402516	3.32483689	3.01311821	2.75423704
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07158917	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03499981	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15737099	1.00E-04	0.02277055	0.1825449	1.00E-04	1.00E-04	0.15149617
1.00E-04	1.00E-04	0.0856877	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54402288	0.04336477	0.2121528	0.1677435	1.00E-04	0.29937888	1.07549682
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24404803	0.23765842	1.00E-04	0.50920083	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.49348645	0.11193034	0.17181238	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06347999	0.06644838	1.00E-04	1.00E-04	1.00E-04
0.72457939	0.63576782	0.87089723	1.35244596	1.00E-04	1.04588756	1.71778018
0.76848797	0.5074837	1.00915034	0.91536088	0.89553159	1.0578607	0.66445667
0.2678044	0.41599039	0.08225651	0.0676385	1.00E-04	0.16898238	1.00E-04
0.95537067	1.00E-04	0.22450711	0.10839151	0.43090184	0.87982388	1.07725408
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06624773	0.16766313	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93640128	0.8989432	0.9481112	0.7901585	1.00E-04	0.55226559	0.60522765
1.11021088	1.42187278	1.33740703	0.84788156	1.00E-04	0.65173525	0.61303226
0.53198088	0.66982639	0.46663449	0.44823478	1.00E-04	0.63113631	0.08557164
0.58047656	0.8906455	0.7115682	0.85481958	1.60912675	1.6457567	1.02722533
1.38256282	0.61213113	0.39673419	0.55390768	0.30780692	1.02800935	1.19487029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1069353	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02509922	0.61478815	0.59138739	1.03046784	0.59189493	0.68764004	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36464542	0.39921633	0.25934616	0.18212413	1.43240845	0.14939575	0.7801049
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23195437	0.26292835	0.13196708	0.13972716	1.00E-04	1.00E-04	0.81677477
1.00E-04	1.00E-04	0.10874111	0.17589237	0.35750248	0.43958412	0.2166229
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74910948	0.93749505	1.00E-04
1.00E-04	1.00E-04	0.09809097	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.60784184	2.8502922	3.76854902	3.96710087	1.92407432	2.90735174	4.02630307
1.00E-04	0.87465605	0.34936141	0.40970548	0.61280452	0.37902018	0.48628998
4.12010934	4.19560287	4.38455494	4.43957605	4.37319127	4.7364679	4.88265938
0.56468055	1.21494503	0.7761906	0.49447064	1.80337287	1.55685901	0.13785291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06445365	0.10492809	1.00E-04	1.00E-04	0.14835414
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2210583	1.00E-04
0.16263232	0.07944647	0.06768155	0.34164306	1.00E-04	1.00E-04	1.00E-04
1.30939186	1.62204263	1.2540038	1.5574158	1.86184528	1.83126413	0.84936151
1.00E-04	0.68761861	0.39144112	0.31301924	2.22746479	1.29766405	0.91083508
0.15815701	0.66482483	0.74949067	0.85646568	1.00E-04	1.00E-04	0.14835414
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.96222245	1.82903629	1.92630981	1.99482733	2.23923973	3.23772434	1.72647173
1.00E-04	0.1877375	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16292535	0.38768226	1.00E-04	1.00E-04	0.65298383

1.00E-04	0.65301345	1.37910939	1.57378037	1.00E-04	0.26054201	0.58012491
1.26157171	1.60547046	1.15006708	1.47237072	1.00E-04	0.7372903	1.00E-04
1.44379805	1.2359406	1.5555211	0.81079332	2.28998926	2.81606784	2.89607462
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23237962	0.36833153	0.23798468	0.67391014	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92193458	2.42763945	2.42083247	2.33413676	1.67645723	2.03289742	2.09818239
2.54917246	3.18821337	3.37409495	3.42202922	2.50568889	2.69982976	2.97046078
1.00E-04	1.00E-04	0.22187762	0.15944197	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.616584	0.4160377	0.58872516	0.71347708	1.00E-04	1.00E-04	0.29046296
0.42444605	0.45877422	0.5856224	0.33437708	1.00E-04	0.39240942	0.7428197
1.00E-04	0.93528719	0.42127566	0.27499013	1.00E-04	0.14939575	0.22923262
1.00E-04	1.00E-04	0.06582614	0.05181355	1.00E-04	1.00E-04	1.00E-04
0.33844857	0.27902925	1.00E-04	0.0928196	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10471283	0.20979925	1.00E-04	1.05622553	1.00E-04
1.00E-04	0.11117622	0.05013315	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22371235	0.229472	0.25786184	1.05143275	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03268633	1.00E-04	0.45889659	1.00E-04	1.00E-04
1.54222299	1.74630813	0.92028816	1.04448824	1.33960062	0.80489349	1.2344098
1.00E-04	0.06639836	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01813007	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26571256	0.19665619	0.08393637	0.07343279	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55054798	0.5539975	0.27399479	0.21266276	0.43177254	0.48601043	0.35092759
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45893944	0.15430008	0.05463957	1.00E-04	1.00E-04	1.00E-04
2.59907728	2.87246327	2.77149818	2.82998563	2.68815648	3.10313931	2.84748108
1.00E-04	1.17754839	0.16377607	0.48955126	1.05772513	0.89008547	1.00E-04
0.60489571	1.00E-04	0.31338527	0.44216973	0.52105756	0.25244024	1.06201645
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47958573	1.32197082	2.17286752	2.26515351	2.05724627	1.53940529	2.20928299
0.58894929	0.05651393	0.63602921	0.53168886	0.38530742	0.27580628	1.22904262
0.34055829	0.0982775	0.31846226	0.15412	1.00E-04	0.19340846	0.07440699
0.26571256	0.62457317	0.18168198	0.14941968	1.00E-04	1.00E-04	1.00E-04
1.73544218	2.01895382	1.8295791	1.93424609	2.51219077	2.73248982	2.58762318
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0761746	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45938124	0.2131375	0.25574842	0.05599702	1.00E-04	1.00E-04	0.38097705
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.85509108	1.79054003	1.53933584	1.42785646	1.59831914	1.76766341	0.56377416
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04256491	0.04757989	1.00E-04	0.43958412	1.00E-04
0.15660685	0.74751863	0.45789983	0.53468933	1.04766671	1.00E-04	0.73763719
0.16172608	0.19330626	0.16731936	0.2666907	1.00E-04	0.27059543	0.37021682
0.63357543	1.34460065	1.35757458	1.03075143	0.93145379	0.68532221	0.51843724
1.71751975	1.66615246	1.44945179	1.69068546	1.87541047	2.25742462	1.78135502
1.00E-04	1.00E-04	0.08418659	0.09653592	1.00E-04	1.00E-04	1.00E-04
2.59853409	2.23122774	1.23418313	1.64793099	1.00E-04	0.62757209	0.21928595
1.24381953	1.48705412	1.07070324	1.00688921	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06657573	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.74637516	0.75035267	1.00E-04	1.00E-04	1.00E-04
0.30818412	0.05111793	0.33222041	0.06090234	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09464396
1.00E-04	0.46792964	0.12655142	0.04062345	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13973839	1.10287393	0.59300623	0.72306926	1.00E-04	0.36686909	1.00E-04
1.00E-04	0.37216093	0.03513696	0.30649117	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04135431	0.09309135	1.00E-04	1.00E-04	0.16439448
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65950366	2.01856743	2.24980306	2.21267817	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.34791373	0.68471043	0.52929158	1.00E-04	1.00E-04	1.00E-04
1.09011732	1.61260133	2.52495607	1.8805977	1.00E-04	1.00E-04	0.31078224
0.87804416	1.0130373	1.55270909	1.53222048	1.00E-04	0.27093829	1.00E-04
0.68257533	0.60957834	0.9196638	1.06064833	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26249171	0.04993444	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.42437814	0.33961698	1.00E-04	1.00E-04	1.00E-04
0.9697929	0.61467532	0.96287056	0.95785938	1.00E-04	1.00E-04	1.00E-04
1.14094209	0.99932859	0.70583732	0.79414162	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.75077887	0.73864685	0.7071068	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07860164	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40651332	0.72572359	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.79496789	0.8489216	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19114791	0.61698102	0.42792208	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14950578	1.00E-04	1.00E-04	1.00E-04
2.18432751	2.23741064	1.84147831	1.39450467	1.662832	1.41333819	1.53907149
0.5912198	0.78093919	0.90470162	1.06372421	0.82056047	1.01853002	0.96638107
0.16166602	0.97707649	1.03175276	0.90566432	0.55964322	0.9936191	1.24156767
1.69132684	1.75698943	1.97525251	2.17053424	1.56600607	2.01182228	1.86984109
2.8921637	2.40934377	2.35651406	2.76682387	3.46821864	2.48360253	2.22815583
1.93789797	2.57235278	3.05252872	3.14943294	1.92499266	1.59965975	3.06492394

1.00E-04	1.00E-04	1.00E-04	0.14603648	1.00E-04	1.00E-04	0.31078224
1.00E-04	1.00E-04	0.50447772	0.5971923	1.00E-04	0.77498878	0.65437475
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23062623	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.02583966	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04582478	1.00E-04	1.00E-04	1.00E-04
0.52453909	1.53875737	0.82942268	0.86918478	1.00E-04	0.76346635	1.2110807
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0737906	0.22309765	0.09253483	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59162934	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50398398
0.98590827	1.20706644	1.41189105	1.18565244	2.25622529	2.44701006	2.08166794
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02941596	0.05449044	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18746747	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58732198	1.00E-04
0.2256293	0.05656127	0.15049648	0.12872483	1.00E-04	1.00E-04	0.57629055
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88714524	1.00E-04
1.00E-04	0.27544108	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.59562017	0.30403829	1.00E-04	0.14939575	0.65115451
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88163128	1.5129612	1.55224155	1.79176893	1.66446589	2.20452308	2.84313694
2.6632177	2.60460058	2.62925195	2.60252278	1.99254506	2.27122098	1.59820545
0.66388982	0.22843273	0.48535738	0.29273645	1.00E-04	1.00E-04	0.53343006
2.6013301	2.29659072	2.14057155	1.66913202	2.17041512	2.13834675	1.93126012
1.00E-04	0.26961252	0.19398928	1.00E-04	1.00E-04	0.27606067	1.00E-04
1.00E-04	1.00E-04	0.17067855	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2633732	1.00E-04	0.07016357	0.16415829	1.00E-04	1.00E-04	1.00E-04
0.21475715	1.00E-04	0.03764994	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32915578	0.51176143	1.1263213	1.23224297	1.00E-04	0.30972698	0.84374191
0.69450518	0.07955883	0.18139409	0.06602451	1.00E-04	0.61786682	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29139085	0.4098818	0.03644933	0.40912496	1.00E-04	0.45740598
2.48594811	2.93114465	2.76937444	2.33625434	0.35320673	0.70561857	0.72138436
0.2256293	0.10708927	0.21290093	0.05782762	0.92989692	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08697108	0.11820739	1.00E-04	0.26054201	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.10363097	1.00148076
0.54266312	0.41396943	0.98803009	0.95100771	2.06534851	1.77440793	1.35584247
1.51935204	1.70192315	1.40791262	1.49132701	2.00930976	1.70076627	1.89001819

0.56747131	0.86714282	0.51122797	0.76406518	1.22328142	0.61852168	0.4749709
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07048431	1.00E-04	1.00E-04	0.49555392	0.56240729
1.00E-04	1.00E-04	0.03601186	0.10787179	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13577792	0.18365742	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25119537	0.27086145	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2633732	0.29801535	0.04276793	0.08811463	1.00E-04	1.00E-04	1.00E-04
0.76027898	1.58128284	1.12206881	1.08860849	1.00E-04	1.58316666	1.60936726
0.66189693	0.71944602	0.61895831	0.8744344	1.00E-04	1.73924777	2.04056696
1.00E-04	1.00E-04	0.17359458	0.20269814	0.82056047	1.00E-04	0.16439448
0.56456449	1.2645937	1.12215255	0.73487264	0.38091442	2.08972819	1.97667939
1.00E-04	0.94474684	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05790389	1.00E-04	0.50894684	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07371123	0.04993444	1.00E-04	1.00E-04	0.25203293
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6886919	1.4119542	0.92388923	0.63591006	0.79219723	1.1172098	1.3934512
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23522054	1.00E-04	1.00E-04	0.36243392	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11363526	0.11040149	0.09054194	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10908287	0.15003334	1.00E-04	1.00E-04	1.00E-04
0.31128713	0.567503	1.00E-04	0.05774399	0.49775343	0.8788414	0.54312499
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29688924
1.00E-04	1.00E-04	0.07816751	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17903986	0.06260776	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10625466	0.0601034	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06684048	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25084071	1.10978012	1.16067591	1.2184439	2.49282207	2.59479606	2.14280726
1.65875104	1.77545036	2.01633214	2.1085976	2.10420319	2.73734991	2.46463862
1.00E-04	1.00E-04	1.00E-04	0.09546126	1.00E-04	1.00E-04	0.7695235
0.2269257	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17922381	0.53318495	0.19496723	0.06883812	0.43177254	1.00E-04	0.28948344
1.92534768	2.57853644	2.79298035	3.07180772	1.81982668	2.94005721	2.62109348

1.00E-04	0.23237962	0.16115811	0.30037913	0.98246478	0.51765254	0.62744434
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1313165
0.68750676	0.71087428	0.61278765	1.53720403	0.40975599	0.80168015	1.26822162
0.5012168	1.35160724	1.05850065	1.55404385	1.00E-04	1.03314819	1.04262815
1.41789279	0.92123388	1.70100711	1.46948309	1.25763386	0.88189609	2.50532892
0.601853	0.67472076	0.40617228	0.7835547	1.39073986	2.249222	1.15291988
1.00E-04	0.58566251	0.25068074	0.34969343	0.68552334	0.28241755	0.96811261
1.36905771	1.3007747	1.01679987	1.2478726	0.24496797	0.85096893	1.42842894
1.00E-04	1.00E-04	0.03968859	1.00E-04	1.00E-04	0.30082489	1.00E-04
0.12130432	1.12590954	0.63185319	1.22373871	1.00E-04	0.06695938	0.61094489
0.88441108	1.03897707	0.65694206	0.92816571	0.47740198	0.3657878	0.24994598
0.26076105	0.45423068	0.89743248	0.92716046	0.40975599	1.37248528	0.82234048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2827378	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32656027	0.55495458	0.57982836	0.40352626	0.54065888	0.59437744	1.00E-04
1.00E-04	0.95572562	0.08430817	0.14411948	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.163473	0.0905359	0.06698995	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14442601	0.06875344	1.00E-04	1.00E-04	0.74307247
3.31456965	3.19371319	3.66262766	3.49665447	3.33139796	2.91669077	3.23560881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88054182	0.18276267	0.84999192	0.53481455	0.5982431	0.9237767	0.43898678
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92120183	1.28672845	1.25041552	0.79157665	2.00601356	2.47925088	2.50689368
0.4636045	1.00E-04	1.00E-04	0.03591083	1.00E-04	1.00E-04	0.66238423
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02330621
1.00E-04	1.00E-04	1.00E-04	0.03765726	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28241755	1.00E-04
0.18986072	0.18078364	0.18867849	0.38440518	0.55964322	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06821638	1.00E-04	1.00E-04	1.00E-04
0.21092722	1.00E-04	0.07377625	0.07805387	1.00E-04	0.27052208	0.16770769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19293133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05495781	0.16997748	1.00566827	0.77602055	0.67684455
0.45938124	0.64553003	0.82187654	0.9646826	1.42856278	0.80857202	0.98486868

2.29298393	2.5412281	2.38133828	2.50953253	3.13666326	3.31618249	2.98406067
1.00E-04	0.18271246	1.00E-04	0.13323553	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17251353	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09052727	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03991829	0.06800059	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12698578	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.03748219	0.43631336	0.48952139	1.00E-04	0.54800253	0.16532148
1.00E-04	0.18522475	1.00E-04	1.00E-04	1.00E-04	0.39240942	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33659068	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05469642	0.99372861	1.51699086	1.49944683	1.00E-04	1.04736205	1.26842917
1.00E-04	0.35808485	0.18317605	1.00E-04	1.00E-04	1.00E-04	0.43366316
0.83402675	1.00E-04	0.46741252	0.13731978	1.15720948	0.11293056	0.28773755
1.00E-04	1.00E-04	0.05405217	0.14242274	1.00E-04	1.00E-04	0.24773715
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.69043823	1.00E-04	0.53466634
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.05772513	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.46942772	0.22888439	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09007486	1.32199055	0.87345388	1.00E-04
0.53214285	0.26135941	0.21374395	0.05571794	0.77322435	1.00E-04	0.73115588
1.00E-04	0.42200334	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3963571	0.12998972	0.3975041	0.39382455	0.34352872	0.11565659
0.76047842	0.87053605	0.79365867	0.76461903	1.44472845	1.96619892	1.07719517
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32800835	1.00E-04
2.30823642	2.20508758	2.18108823	2.575457	2.15134332	2.65509356	2.95280852
1.58722481	1.93481801	1.68911172	1.36701121	1.31086129	0.60181621	0.47268683
1.00E-04	0.85948361	0.26428401	0.22304824	1.4084965	1.00E-04	0.65245196
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13071865	0.07440699
1.00E-04	0.17357925	0.05836884	0.16780692	1.00E-04	1.00E-04	1.00E-04
0.82804397	1.82712569	1.5337294	1.5169918	0.8988021	1.61680063	1.61358202
0.3141684	1.23253867	0.66981198	0.47956439	2.4710384	1.77590368	1.79483769
1.00E-04	1.00E-04	0.04698086	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20351282	0.05628029	0.06655916	2.19164464	1.89588965	0.66503676
0.36085953	1.00E-04	0.19617509	0.08812989	1.00E-04	0.06695938	0.20283809
1.00E-04	1.00E-04	0.04272717	0.05069521	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72796176	0.26918117	0.42319946	0.44283626	0.48823099	0.34293625	1.32478355
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62744434
0.33080752	1.00E-04	0.19211267	0.1585731	1.00E-04	1.00E-04	0.21257887
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.06964444	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03994793	0.08621134	1.00E-04	0.67187577	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.49301501	0.16924772	0.22486522	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14614464	0.29001673	0.07763564	1.00E-04	1.00E-04	1.00E-04
0.97631403	0.60267135	0.89811219	1.24216162	0.44340029	0.23817629	1.0581204
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.85878472	2.88440893	2.55608954	2.97809962	4.83625155	5.20215051	4.96273621
0.27968057	0.26731452	0.02628589	0.12805091	1.00544531	1.79243591	1.51443414
0.31926856	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30959015
1.00E-04	0.83828506	0.08479884	0.20339569	1.00E-04	0.35973677	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1572879	1.00E-04	1.00E-04	1.00E-04
1.99401237	2.78200158	3.03944774	2.81357726	1.17706564	2.73889305	3.66099274
0.79332988	0.73856451	0.7013449	0.93404865	1.00E-04	0.88130565	0.49155087
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.53860709	2.41223198	1.88910573	1.92759259	3.65609027	4.02642981	3.47723473
1.00E-04	1.00E-04	1.00E-04	0.03639712	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46282951	0.08149241	0.17285138	0.05371548	0.78234266	1.49401098	1.00E-04
1.11410997	0.27335819	0.89846789	1.26518502	1.0897734	1.48994322	1.87401434
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.77980383	3.07825134	3.29131207	3.30609987	2.96841841	3.457246	3.61000387
0.50790913	0.36617821	0.21948279	0.3220559	1.00E-04	1.00E-04	1.00E-04
1.10553975	1.3675314	1.48879704	1.43580413	1.00E-04	1.17825523	1.25462891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05351446	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25716505	0.22512058	1.00E-04	0.28191199	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0760302	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33838211	0.20278053	0.17779845	1.00E-04	1.00E-04	1.00E-04
1.84104648	1.88700211	1.37401038	1.60890979	1.15301534	1.99878919	1.37180909
1.00E-04	1.00E-04	0.09117119	1.00E-04	1.00E-04	0.35702157	1.00E-04
1.29013488	1.10239068	1.5126103	1.60906823	1.44029855	1.67138193	1.88043381
1.00E-04	0.38852829	0.17150595	0.21102175	2.97838598	2.67023301	1.95212491
1.00E-04	0.99560762	0.41196177	0.87305798	1.00E-04	0.73967878	1.3497176
1.00E-04	1.00E-04	0.04232381	0.04244309	1.00E-04	1.00E-04	1.00E-04
2.51678227	2.92238085	2.85417499	3.18568172	3.09313262	3.62853981	3.46114804
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15624511	1.00E-04	1.00E-04	1.00E-04
0.26702123	1.00E-04	0.3218623	0.18256941	1.00E-04	0.44945293	1.00E-04
1.00E-04	1.00E-04	0.05415011	0.22430086	0.47740198	0.77142311	1.05357369
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.11119993	0.63085578	0.65606178	0.88343687	1.79766692	1.43654452	1.95718684
1.58651955	2.17092437	1.88870393	1.96402992	2.61018142	2.70093448	2.39705655
0.29754206	1.00E-04	1.00E-04	0.16665105	1.00E-04	0.21159524	0.1834535
1.00E-04	0.23345537	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0479854	1.89273306	0.73766847	0.55824715	2.58568088	1.89023181	2.13750977
0.22883831	0.26122387	0.32852721	0.48063088	1.00E-04	0.361107	0.96459212
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66364304	1.00E-04
0.95077336	1.0902226	0.70219361	0.61848358	1.00E-04	1.17603199	0.23648577
1.00E-04	1.00E-04	0.05605742	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29138726	0.81962841	0.46300382	0.48257032	1.00E-04	0.29729505	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09209398	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95177767	2.29032805	2.4094855	2.36023536	2.67186849	2.68429666	2.56620361
1.00E-04	0.38418031	0.22927824	0.07179148	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.51760788	0.16337855	0.37466134	0.99017459	1.41678631	1.31047975
1.78299171	1.54930919	1.50238931	1.31105152	1.78929277	1.23084546	1.46846812
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.21977917	1.00E-04	0.53523136
4.96813952	4.98817679	4.85599938	5.14332587	1.84530814	2.30558123	2.9569365
0.48734977	0.30393953	0.29363571	0.37809315	0.4683059	0.13071865	0.40869447
6.21833536	6.48315687	5.78755717	5.74277451	5.46349976	5.06018727	4.90047407
1.91713491	2.4537749	1.74497186	2.05122238	1.55362046	0.88138322	1.4087268
2.17817626	2.29699332	2.52512181	2.66654191	2.21808784	3.00350625	3.35982192
1.00E-04	1.00E-04	1.00E-04	0.04930029	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72431926	0.30302762
1.00E-04	1.00E-04	0.03257551	1.00E-04	1.00E-04	0.70722451	0.42469395
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.51510155	0.23420674	0.04268289	0.77322435	1.00E-04	0.08557164
1.91603935	2.35416983	2.03952512	1.76467803	2.08176801	2.25879053	2.429926
1.5172917	1.5991383	0.88858112	0.72035158	2.0149997	1.74661599	1.19125257
1.00E-04	1.00E-04	1.00E-04	0.09435587	1.00E-04	1.00E-04	1.00E-04
1.07184658	0.63836989	0.83368111	0.97709367	0.38530742	0.9687085	0.4841369
1.65290819	1.42878243	1.04588996	1.21517716	1.33270022	0.48199233	0.15942843
1.00E-04	1.00E-04	1.00E-04	0.03765726	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04598493	0.07796055	1.00E-04	1.00E-04	1.00E-04
1.90870848	1.79468379	1.84591887	2.30888603	2.1970493	1.78389869	1.33561545
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.04284646	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.39008798	0.14391779	1.00E-04	1.00E-04	0.37303502
3.41920035	3.73595305	3.96780829	3.7296241	3.60690313	3.75179984	4.58665216
0.49095756	1.00E-04	0.42357578	0.24553836	1.00E-04	1.00E-04	1.00E-04
1.3636349	1.23759274	1.55953568	1.46600474	2.28910477	2.39387694	1.79970476
1.00E-04	1.00E-04	0.4542492	1.00E-04	1.00E-04	0.45330561	1.00E-04
0.68686554	1.46088872	1.64300055	2.03411197	2.61287045	3.2040877	2.98904227
1.00E-04	0.15417483	0.08863488	0.06095548	1.00E-04	0.74768566	0.56085065
0.58371831	0.50233239	0.42254856	0.40310447	1.00E-04	0.62306849	0.39482083
1.00E-04	1.00E-04	0.08005248	0.04658857	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47154955	0.36336275	0.37889206	1.00E-04	0.67502127	1.00E-04
2.16969942	2.54142201	2.44775805	2.49711015	1.84452493	2.83291765	1.73626973
0.38034913	1.00E-04	0.34848131	0.08557759	1.29657384	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04130985	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9707138	0.66141668	0.53897675	0.591404	0.47257629	1.62380317	0.80309379
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.74832963	2.99883536	2.9902872	3.14071222	2.19361801	2.79329209	3.46254369
1.00E-04	1.00E-04	1.00E-04	0.08278828	1.00E-04	1.00E-04	1.00E-04
0.41505963	0.43342879	0.56786562	0.29798908	1.76932526	0.32800835	0.84251489
1.00E-04	0.35834087	0.16565645	0.35527732	0.44085717	1.00E-04	0.40465359
1.00E-04	1.00E-04	1.00E-04	0.04754751	1.00E-04	0.2210583	0.50986773
1.00E-04	1.00E-04	0.05187347	0.10453538	1.00E-04	0.3670047	0.19293133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27466256	1.40005633	1.28129856	1.23388912	1.77429653	0.68080449	1.25753701
0.46705671	0.40652764	0.28818481	0.18596955	1.00E-04	0.14939575	0.44221013
0.6044589	1.00E-04	0.27199524	0.35421665	1.00E-04	0.42698816	1.00E-04
2.10548868	2.03732213	2.40575772	2.37635379	1.00E-04	1.00E-04	1.00E-04
1.73058793	2.12324675	2.03507754	2.35254849	2.65668259	2.38949122	2.27362724
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24654586	0.76722045	0.82275066	1.00E-04	0.43898299	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04165252	1.00E-04	1.00E-04	1.00E-04
0.40026634	0.57943996	0.53218789	0.49189692	1.00E-04	1.1291753	0.96950111
2.90463832	2.6333592	2.52764501	2.85772287	3.05649884	3.63757487	3.0235556
0.58144049	1.00E-04	0.09208103	0.06929902	1.00E-04	0.717593	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.02524463	1.51285477	0.87749719	0.22270654
1.00E-04	1.00E-04	0.1725673	0.08186287	1.00E-04	1.00E-04	0.23172291
1.00E-04	0.12525276	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.89597444	0.73328152	0.66238423
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33779881	1.00E-04	0.05053025	1.00E-04	1.00E-04	1.00E-04
0.35853644	0.23497834	0.51798062	0.94403358	1.00E-04	0.29910931	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0796268	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05606911	0.09745955	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39714416	0.11568142	0.11315944	1.00E-04	1.00E-04	1.00E-04
0.5745644	0.63077244	0.65971631	0.50827257	1.33851588	1.04638318	1.41627198
0.42601385	0.26135941	0.34385537	0.47187696	1.01620061	0.5509371	1.00E-04
1.42444632	1.8269081	2.15531049	2.29953552	1.07066368	0.99993807	0.9974616
0.83415192	1.38861868	1.41943053	1.31161631	1.10800472	1.23370378	1.34335497
1.00E-04	0.33862109	0.1111016	0.03988725	1.00E-04	1.00E-04	1.00E-04
0.57396952	1.02435238	1.26393189	1.21602504	1.00E-04	0.77425358	1.00E-04
0.97790765	1.53097062	1.33855119	1.21748598	1.1487076	1.29142588	1.16750525
1.00E-04	1.00E-04	0.14613807	0.26660425	1.00E-04	0.27972467	1.00E-04
1.2607827	0.99210639	0.80145004	0.83253672	1.00E-04	1.00E-04	0.36317177
1.00E-04	1.00E-04	0.09319314	0.04584733	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0471863	1.00E-04	0.34352872	1.00E-04
1.00E-04	1.00E-04	0.52210391	0.48060773	1.00E-04	1.00E-04	1.00E-04
1.44970415	1.45468336	1.19741468	1.4770932	1.25350072	1.84686755	1.9912418
0.85687599	0.80626686	0.05612761	0.28701115	1.00E-04	1.79492373	0.5553504
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20517817	0.50209937	0.4583234	0.3373281	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.100366	1.00E-04	1.00E-04	1.00E-04
0.238384	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7143032	0.64101546	0.16912244	0.1000681	0.99783442	0.3657878	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19615963	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27106856	1.00E-04	0.19695315	0.05764871	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03984733	1.00E-04	1.00E-04	0.25950361	1.00E-04
0.43805888	1.56095812	1.03582687	1.34614677	1.32149615	1.8106225	1.30535598
3.44252152	3.69417396	3.41124613	3.12558771	4.27130746	4.62451935	3.85782491
1.00E-04	0.2557859	0.04786707	1.00E-04	1.00E-04	0.5886213	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3841957
1.00E-04	0.17070607	1.00E-04	1.00E-04	0.71649841	0.0838544	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0423659	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10449378	0.18719667	1.00E-04	1.00E-04	0.13723188
0.77144235	1.33520563	0.57477205	0.89552475	0.24496797	1.00E-04	1.06586915
1.00E-04	1.00E-04	1.00E-04	0.07543497	0.63609922	0.69919238	0.34032951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02384217	2.21715159	3.22872939	3.28030538	2.39130482	2.31866145	3.32244729
1.80915086	1.56983745	2.09595293	2.08419866	0.75478806	2.27728499	1.39802283
1.003901	1.72965546	1.20500047	0.99960144	3.42331356	3.97263969	3.81484936
0.52161263	1.00E-04	0.43641395	0.31906864	0.68304577	0.94778032	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.36521393	0.39209306	0.60117977	1.00E-04	1.00E-04	0.65298383
1.00E-04	1.00E-04	1.00E-04	0.12518507	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18806363	1.00E-04	1.00E-04	1.00E-04
0.17691039	0.30499989	0.04071069	0.05354056	1.00E-04	0.18221221	0.23204834
0.93453209	1.13316559	1.43348992	1.342713	0.78234266	1.58277746	1.46110825
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15115046	0.26589806	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26760866	0.08143441	0.06577587	1.00E-04	0.61904659	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.29988535	3.30873985	3.17701233	3.07158026	3.99866772	3.63213246	3.31475891
1.00E-04	1.00E-04	0.0603464	0.03436987	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04019866	0.05585155	1.00E-04	1.00E-04	1.00E-04
0.75148896	1.21436517	2.18775904	1.83810553	1.00E-04	1.00E-04	3.12516677
1.00E-04	1.00E-04	0.03713539	1.00E-04	1.00E-04	0.12640632	0.09464396
0.69269081	0.72498808	0.54131125	1.0125754	0.63609922	1.00577403	0.96811261
0.36652995	0.62049612	0.3090432	0.42427474	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06072793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23105979	1.00E-04	1.00E-04	0.1852963	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15562655	1.84564425	1.93363006	2.10714958	0.51102197	1.80157372	1.90783633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64791466
1.00E-04	1.00E-04	1.00E-04	0.04020856	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33284505	0.40737796	0.19652458	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.86313274	2.79035325	2.70259212	2.74563221	2.00066202	2.04649755	2.42296014
0.19165933	0.52926545	0.2619078	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26042127	2.18934058	1.35179458	1.37841394	3.11716394	2.90833645	2.38990902
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20425389	1.00E-04	1.00E-04	1.00E-04	0.45779176	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.47458344
1.00087684	1.33070752	1.33673493	1.0479945	3.00747778	2.2977975	2.30214626
2.40464784	2.52232215	2.4536142	2.56712126	1.8130243	2.74787694	2.15901439
0.52220286	0.45791254	0.21461054	0.34551279	0.89943416	0.54086741	0.72359927

1.62836232	0.92787739	1.44723743	1.42725849	1.7019125	1.29100973	1.42254104
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.90473305	2.95591231	3.3332882	3.18208775	1.82294478	2.85313224	2.66511649
1.00E-04	1.00E-04	0.02842447	0.16660011	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06363018	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28742455	1.00E-04	0.00941854	0.0686521	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92640086	0.65501371	0.58121342	1.11786023	0.47474142	1.53982853
1.00E-04	0.9784675	0.66136947	0.78840992	1.85306894	0.78393008	1.11350845
0.5493041	0.22756793	0.54752412	0.48032932	2.05577687	1.56947107	1.33476942
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20383151	0.14905701	0.70930319	0.64983022	1.41242791	1.1212935	1.64048839
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.32971307	0.98915769	1.16202268	0.69158286	0.94484245	1.04618415
1.53179282	1.46563986	1.44975571	1.76461086	1.48503501	1.53739047	1.39393159
1.00E-04	1.00E-04	0.20166698	0.13494899	1.00E-04	1.00E-04	0.39944897
0.58273249	1.43818463	1.7712811	1.38942577	0.60735846	1.93282086	2.23624923
0.38262809	0.20118981	0.40809345	0.33249835	0.79805884	1.00E-04	1.00E-04
1.84721909	2.24886753	2.22042785	2.47866885	1.48817112	2.31302846	2.4681425
3.99702653	4.85309297	5.33234447	5.49435991	3.21009378	3.5541819	4.56323116
1.00E-04	1.00E-04	0.03505454	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43015211	0.37679389	0.27389706	1.00E-04	0.83871255	0.63823399
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95928742	2.69793457	2.88566744	3.05525126	1.37988614	1.98252393	2.72449715
1.00E-04	1.00E-04	1.00E-04	0.05946401	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33359163	0.44244919	1.00E-04	0.43828417	0.92466868
1.00E-04	1.00E-04	0.0440568	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15725732	0.1885457	0.27331643	0.40937106	1.30695208	1.00E-04	0.15149617
0.2662018	0.51235409	0.17944703	0.13533886	0.768034	1.00E-04	0.51432171
1.00E-04	0.0958853	1.00E-04	0.1940392	1.00E-04	0.22044102	0.90268303
1.00E-04	1.00E-04	0.05353576	0.07025727	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11485276	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40850437	0.32991748	0.40674922	1.00E-04	0.30893958
0.55049926	0.90129795	0.27503388	0.16667033	1.00E-04	1.14760374	1.00E-04
2.29123917	2.10928971	1.9764481	2.08095274	2.52646662	2.1356889	2.30343831
3.17160413	3.88413349	4.76665155	4.88106168	2.69814475	3.01095793	4.51118166
1.41189968	1.41911185	0.60821932	0.37161226	1.62902448	1.00E-04	0.97430901
1.91877708	2.36233737	2.73345089	2.88243712	1.00E-04	1.73349328	1.85544545
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.52640712	0.26717071	0.1683125	1.00E-04	0.41446661	0.53104017
2.77134493	3.04223055	3.19528056	3.32489301	3.5295701	3.5451736	3.64292178
0.29820791	0.24871594	0.28795244	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20970582	0.29099083	0.2419932	1.00E-04	0.22074923	1.00E-04

3.60651932	3.68682786	3.5216998	3.50856794	3.37498991	3.52912781	3.62498012
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50296735	2.2260597	1.58382151	1.80946048	2.63761336	3.0375846	1.88682881
2.59822015	3.03645959	2.72527944	3.02715495	1.49197741	2.68796656	2.34033142
2.47083237	3.03777705	3.01290736	2.99016946	0.87242076	3.00873144	2.7354722
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20634675	1.00E-04	0.35100229	0.48188456	1.10345699	0.12583522	1.00E-04
1.06259031	0.43598044	1.29168421	1.67389779	0.7673489	0.56204895	1.36306629
1.00E-04	1.00E-04	0.12870039	0.14414626	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14578488	1.00E-04	1.00E-04	0.09464396
0.38034913	1.00E-04	0.15445976	0.18236763	1.00E-04	1.00E-04	0.21495559
1.00E-04	1.00E-04	0.08361202	0.25953812	1.00E-04	0.58091282	0.26354179
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58148952	1.00E-04
1.44471118	0.88365399	1.21903182	1.08010317	1.35030592	1.44695296	1.23174893
1.09937224	1.34560178	0.86141175	0.94817247	0.74179103	1.20224129	0.7252505
1.00E-04	1.00E-04	0.07498508	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59585386	0.10742157	0.18470546	1.00E-04	1.00E-04	0.09760498
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53001855	1.00E-04
1.00E-04	1.00E-04	0.06363799	0.05260343	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05151749	1.00E-04	0.34658364	1.00E-04
1.99672592	1.82297241	1.81861717	2.17183448	1.84138957	1.92289661	2.39805295
0.67862959	1.00E-04	0.2119258	0.40092281	1.00E-04	1.00E-04	0.32925647
1.00E-04	0.2661941	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11062696	0.19678674	1.00E-04	1.00E-04	1.00E-04
1.39065631	1.91134308	2.1339228	1.77671731	0.9675478	2.34703027	3.38991402
1.00E-04	1.00E-04	0.24170567	0.06463492	0.39382455	0.29937888	0.55419277
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05873852	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92526296	1.29442447	0.60087759	0.51200815	1.07547903	0.36366664	1.00E-04
1.00E-04	1.00E-04	0.28258709	0.23983264	1.00E-04	1.00E-04	1.00E-04
0.30084933	1.55566611	0.64852364	0.31758229	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23947985	0.21038182	0.31871889	1.00E-04	1.00E-04	0.4509066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08390254	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2922719	0.31833163	0.0500958	0.27679796	1.00E-04	1.00E-04	0.30959015
0.2269257	1.00E-04	0.23282384	0.06888903	1.00E-04	0.27052208	1.00E-04
1.00E-04	1.00E-04	0.03756057	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27968057	0.98486572	0.68548082	0.81092261	1.00E-04	0.86299487	1.01713099

1.00E-04	1.00E-04	0.05120199	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14265331	1.00E-04	0.10225542	0.05291214	1.00E-04	0.73015834	1.00E-04
1.00E-04	0.58628314	0.76054333	1.11436999	0.72881829	1.00E-04	0.37738343
0.31128713	0.38849631	0.56362352	0.57672436	1.27593599	0.12971519	1.03602066
1.00E-04	1.00E-04	0.0798452	0.23460574	1.00E-04	1.00E-04	0.41743982
0.59648072	1.4889741	1.13172734	1.16340308	2.57283227	2.26491763	1.72187575
0.8837804	1.20105492	1.3866786	1.34195861	1.12822994	0.43084111	2.03869537
1.00E-04	0.84871293	0.14345305	1.00E-04	1.00E-04	0.78248626	1.82438099
1.00E-04	0.15887638	1.00E-04	0.06350401	1.00E-04	0.41062688	1.00E-04
2.05273417	2.00437021	1.93436506	1.72317662	2.22373077	2.30628705	2.14712624
1.00E-04	0.15349612	0.17466389	0.20692889	1.00E-04	1.00E-04	1.00E-04
0.29138726	0.10640763	0.1744868	0.36661171	1.00E-04	0.64880543	0.96811261
0.80163757	1.33732461	0.79668847	0.78268057	1.1635781	1.11680807	0.62847902
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14584841	1.69582046	2.29634495	2.51589775	1.85018118	2.47999578	2.46512986
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28610644	0.19264783	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3140451	0.08908364	0.07745571	1.00E-04	1.00E-04	0.23472517
1.00E-04	0.48972435	0.08248361	0.24287831	1.00E-04	0.23689648	1.00E-04
1.26963179	1.42761347	1.35720135	1.28171039	1.89345311	2.14050517	0.72095215
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03718158	1.00E-04	1.00E-04	0.42921224	1.00E-04
0.35325577	0.17652021	0.0542156	0.14638449	1.00E-04	1.00E-04	1.00E-04
0.79912481	1.16072961	1.41405358	1.61685702	0.98544775	0.67716854	1.51292612
0.95271093	0.21982258	0.6110468	0.67303388	0.86518274	0.8873888	0.24851266
2.24531265	1.72001761	2.47281596	1.79565492	3.24543194	2.15163051	3.00527667
1.78766062	2.28612812	2.4367985	2.44257073	1.61291721	2.29727244	2.23562352
2.01968889	2.60962911	2.68774317	2.74298334	2.03608735	1.9315692	1.34043543
1.00E-04	1.00E-04	1.00E-04	0.05469304	1.00E-04	1.00E-04	1.00E-04
1.89253279	2.66394484	2.4157505	2.89668004	1.24624636	2.15536757	2.61178889
3.03191052	2.14835049	2.12569998	2.399541	1.00E-04	0.95943322	0.54591927
0.44642172	0.49292468	0.53273953	0.31907179	1.00E-04	0.21699698	0.90346929
1.00E-04	1.00E-04	0.08619255	0.06044136	1.00E-04	0.84012746	0.25203293
1.00E-04	0.88761909	0.2882998	0.06994076	0.78094411	1.00E-04	0.86029095

1.00E-04	0.5125617	0.31398356	0.62889951	1.00E-04	1.00E-04	1.00E-04
0.24497454	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15807967	0.0729507	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1452182	1.10345699	1.00E-04	1.00E-04
3.30056699	3.5299264	3.09468992	3.26988093	3.61890974	3.30101221	3.36507659
1.00E-04	1.00E-04	0.16629126	0.19730153	1.00E-04	1.00E-04	1.00E-04
0.36626591	1.00E-04	1.00E-04	0.02233962	1.00E-04	1.00E-04	1.00E-04
0.19366475	0.410249	0.17123531	0.13160843	1.00E-04	1.00E-04	1.00E-04
2.52110475	2.18699197	2.76235214	3.10103588	0.73106369	0.22074923	0.31673793
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07813495	1.00E-04	1.00E-04	1.00E-04
3.29860933	3.24553459	3.02650534	3.1230909	3.96166888	3.92460413	3.63886915
0.4433614	1.00E-04	0.04757077	0.07098001	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21223951	0.25063928	1.00E-04	1.00E-04	0.92466868
1.54284704	1.67984344	1.09300888	1.0542132	0.52105756	1.00E-04	0.92588563
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58826636	0.43366316
1.00E-04	1.00E-04	0.04482773	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20566855	0.13378751	0.08103549	1.00E-04	1.00E-04	1.00E-04
1.32294214	1.36162255	1.61161472	1.85685374	0.50488113	1.25445743	2.01228523
3.616862	3.57057546	3.33262235	3.41126316	2.51638888	3.25952638	2.5385717
1.00E-04	1.00E-04	0.1427548	0.12965519	0.84798877	0.63987537	1.78813438
0.58352178	0.51348396	0.68544676	0.92453942	0.61235854	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11077081	1.00E-04	1.00E-04	0.38639393	1.00E-04
1.00E-04	1.00E-04	0.16964036	0.14253771	1.00E-04	1.00E-04	0.10785897
1.00E-04	0.28600695	0.21714177	0.30405331	1.00E-04	0.43828417	0.39316119
1.00E-04	1.00E-04	0.10874908	1.00E-04	1.00E-04	0.28191199	0.31327785
1.00E-04	0.04336477	0.13352283	0.18923495	0.86518274	0.21637101	0.27658511
1.60084485	2.15039757	2.12726752	2.17660648	2.73191822	2.56129835	2.86269032
1.00E-04	1.00E-04	0.07189075	0.18242975	0.52474525	1.00E-04	0.5836464
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29777851	0.31620081	0.35860302	0.6627562	1.00E-04	0.21797096
1.00E-04	1.00E-04	0.05812916	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69119496	0.86939337	0.9424182	1.21362786	0.55964322	0.69325841	0.23378191
1.00E-04	0.2201583	0.10491545	0.06994076	1.00E-04	1.00E-04	1.00E-04
0.84080412	1.09291104	0.38986719	0.51365775	1.00E-04	1.66792588	1.00E-04
1.00E-04	1.00E-04	0.04434003	0.06065123	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47732171	0.82850416	0.59540162	0.77356541	0.43177254	1.00E-04	0.65369199
0.58653755	0.74060743	0.6849615	0.86868142	1.00E-04	0.98759431	0.14835414
1.80457625	2.41099793	2.30020954	2.33148504	2.27960977	3.21857779	2.41684742
1.00E-04	1.00E-04	0.80187996	0.43962798	1.00E-04	0.85170986	1.00E-04
1.00E-04	1.00E-04	0.1002628	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.05473414	0.07188382	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04618062	1.00E-04	1.00E-04	1.00E-04
1.45424676	1.1318454	1.34027452	1.64884026	1.8113571	0.69334733	1.03912699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81774075	1.33842622	0.82237732	0.94483685	0.35750248	0.94762795	0.57343837
1.00E-04	0.29972667	0.76581751	0.5743888	1.00E-04	0.14310979	0.93241738
0.71851537	1.00E-04	0.34768675	0.21757798	1.00E-04	0.1982747	0.09760498
1.00E-04	1.00E-04	0.12410873	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79976086	1.00E-04	0.08267156	0.0682497	1.00E-04	0.41626944	0.08557164
1.05054758	1.34764189	0.87965274	1.03270454	1.86191631	2.34754532	1.73652004
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36812399
0.45116524	0.14349904	0.14337893	0.09323115	0.58708779	0.58963278	0.4749709
0.16983413	0.06661234	0.22742329	0.47182402	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04540279	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19698651	0.05736473	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4460272
0.81140205	0.59227234	0.18325113	0.23871393	1.00E-04	0.94507718	0.74493464
0.54390722	1.00E-04	0.20345355	1.00E-04	1.00E-04	0.12640632	0.42760426
1.00E-04	1.00E-04	0.10948102	0.25867973	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26789339	0.0452805	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7394129	1.62743211	1.2520106	1.43458477	1.00E-04	0.29910931	0.70194045
0.1943788	0.52227599	0.50323945	0.26349705	1.00E-04	1.00E-04	1.48845866
1.18411123	0.85623891	1.22703049	0.70124789	2.08430397	1.75959111	1.44402292
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58365836	1.47433894	1.28525862	0.93281543	2.26087916	3.58323556	2.81942065
1.00E-04	1.00E-04	1.00E-04	0.04209791	1.00E-04	1.00E-04	1.00E-04
1.07771191	0.91892787	1.30830812	0.96295275	1.76443962	1.29175105	1.84856337
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.64072965	4.12432768	5.29843153	5.32444068	3.44119574	3.49864006	5.05580003
1.00E-04	1.00E-04	0.04861102	1.00E-04	1.00E-04	1.31181887	0.9293343
1.00E-04	1.00E-04	0.13614176	0.3568435	1.00E-04	0.30082489	1.00E-04
2.11112856	2.20991807	2.45521124	1.96940707	2.68868782	2.65028654	3.27030944
0.6859937	1.00E-04	0.29371366	0.13418629	1.00E-04	0.28241755	0.54584647
0.31597504	1.00E-04	0.08234354	0.06080959	1.00E-04	0.34293625	1.00E-04
1.96489134	2.34261641	2.38854711	1.64114372	2.78411034	2.08376258	3.07617779
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.21346559	1.11601102	0.60086892	0.90247173	2.01773153	2.34164453	1.69602769
0.71044208	1.08609408	1.07618369	1.38570311	0.54065888	1.22347896	1.55612753
0.71212515	1.17993414	0.96144973	0.89043669	1.53273297	1.27375083	1.13251736
1.00E-04	0.21535122	0.46476875	0.34744274	1.06485123	1.4148454	1.20930779
3.2385926	3.69719503	4.06099184	4.06299295	2.37124912	2.83768495	2.55772906
2.40708003	3.17585811	2.85622069	2.7918903	1.76889536	1.66907855	1.77805427
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23936956	1.00E-04	0.30592789	0.39267991	1.00E-04	0.97818351	0.897933
1.24452007	1.64386676	1.66299682	1.63948304	1.49320068	1.29030612	1.49647944
0.23582726	0.47973134	0.62084651	0.38001789	0.95418652	0.49794525	0.78080014
0.29861916	0.8861865	1.19413405	1.31605589	0.42197018	1.00E-04	0.67682123
1.00E-04	1.00E-04	0.09812901	0.08995884	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23921457	0.05285199	0.11182457	1.00E-04	1.00E-04	1.00E-04
0.99811863	1.21663777	2.09409267	2.14491378	1.41610532	1.94542521	1.53475655
0.14841374	0.18350893	0.0466711	0.12976334	1.00E-04	1.00E-04	0.98601817
0.70325067	1.00E-04	1.00E-04	0.12908257	1.00E-04	1.00E-04	1.00E-04
0.3636241	1.00E-04	0.28891353	0.25613356	0.40674922	0.8805053	0.85621874
0.48707231	0.50915728	0.26189287	0.84220944	1.46253178	1.00E-04	0.47876871
1.87846311	1.84129921	1.72977696	2.12418216	1.50650323	2.38581045	1.83243659
0.44324267	1.00E-04	0.47861085	0.31964646	1.07572836	1.17972172	1.01123866
1.64378774	1.88973752	2.11572839	2.32305511	1.85131934	1.75245259	1.65998839
1.85386118	2.06993929	2.29429218	2.71473199	2.29389102	2.18975745	1.46781398
1.00E-04	0.78365178	0.61768638	0.59892052	1.10943575	1.00E-04	1.00E-04
0.48379664	1.34437746	1.37331928	1.39998862	0.64143216	1.7989245	1.2834595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69304539	1.38069297	1.83218908	1.96038439	1.76175898	1.10088964	1.48517735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21495559
2.03979757	2.15691582	2.48825893	2.42809397	1.87638573	2.19780041	2.09778588
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92302921	0.50086866	0.37593086	0.5224135	1.00E-04	0.97006735	1.00E-04
2.50405518	2.70176748	2.69107032	2.75444467	2.7737984	1.77297059	2.30127541
1.00E-04	0.18001067	0.18982785	0.04152259	1.00E-04	1.00E-04	1.00E-04
1.93812353	1.65922788	1.49551231	1.3236796	2.37898854	3.18589187	3.23790294
2.55627279	3.12311648	2.88093026	2.99662222	2.83869653	3.38540612	3.57852112
1.00E-04	0.11033993	1.00E-04	1.00E-04	0.24496797	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05755373	1.00E-04	1.00E-04	1.00E-04
0.17727073	1.00E-04	0.05988952	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21654948	0.36015307	0.23031816	0.21149029	0.82016577	1.00E-04	1.00E-04
1.74713736	2.08366776	1.89100062	1.83815126	1.00E-04	1.78174551	1.760086

1.00E-04	0.33912934	0.06792086	0.04453963	1.00E-04	1.00E-04	0.28754422
1.9158489	0.88796651	0.48507078	0.83041305	0.41241033	0.77777471	0.14365894
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23689648	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53553001	0.79770479	0.99522046	1.04880749	1.39525397	0.48459744	1.25525061
1.00E-04	1.00E-04	0.19836128	0.18012151	1.00E-04	1.00E-04	0.2166229
1.00E-04	1.00E-04	0.07600008	0.05246519	1.00E-04	1.00E-04	1.00E-04
0.32649863	0.23345537	0.14061835	0.08024423	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1215388	0.67239944	0.61497714	0.9188851	0.64137104	0.67408909	1.13455768
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04502753	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05374973	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08389855	0.08215537	1.00E-04	1.00E-04	1.00E-04
2.19227016	2.40557751	2.07428997	2.27007436	1.73018493	1.96726663	1.94616351
1.00E-04	1.00E-04	0.05630385	0.06647999	1.00E-04	1.00E-04	1.00E-04
1.11712728	1.75658261	1.44514198	1.77077201	1.58441357	1.38928257	1.07620057
0.83464875	0.77862996	0.2912191	0.62685047	1.00E-04	1.00E-04	1.00E-04
2.62831359	2.71197331	3.03465208	2.9638863	2.84514082	3.23384085	2.9753758
1.33690108	1.09121682	1.88488171	1.80147485	1.33023759	1.5551659	2.26234213
0.80234601	1.03864787	0.89135263	0.9969353	1.0080775	1.82277749	1.1702866
1.00E-04	1.00E-04	0.07764835	0.04615774	1.00E-04	1.00E-04	1.00E-04
0.80454432	0.99560794	0.7601053	0.72322309	0.35750248	0.11293056	0.49058018
1.00E-04	1.00E-04	0.37357036	0.19374089	1.00E-04	0.14939575	0.27575635
0.16864963	0.21633544	0.60188294	0.50718168	0.52474525	1.66566332	0.28482166
0.38505479	1.00E-04	0.67036952	0.60913905	0.80006359	1.00E-04	1.67988907
1.00E-04	1.00E-04	1.00E-04	0.05651791	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08056816	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16983413	0.28531437	0.95711332	1.11253182	1.00E-04	0.36741216	0.55195544
0.39092529	1.18594788	0.62103267	0.57637298	1.31016399	0.79258371	1.00E-04
1.00E-04	0.58520935	0.1364351	0.09486312	1.00E-04	0.8805053	1.00E-04
1.00E-04	0.73753616	0.10302197	0.18252528	1.00E-04	0.70244039	1.00E-04
1.42077912	1.78002108	2.09188906	2.31195442	1.08970276	2.59400856	2.20210437
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00710545	0.861079	1.16085571	0.89260351	0.88844189	1.82009981	1.10872201
1.08442694	1.1982269	1.038641	1.09847682	0.99724022	0.95412811	1.18592656
1.00E-04	0.28184192	0.19808617	0.24165302	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06307404	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22801966	0.17715246	0.08526419	0.35750248	1.00E-04	0.8428494
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.04434003	0.05100978	1.00E-04	1.00E-04	0.94774158
1.00E-04	1.00E-04	0.03924277	0.0584077	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07368452	1.00E-04	1.00E-04	1.00E-04
0.21325562	1.00E-04	0.09058744	0.2654262	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.08147274	0.1861986	0.23797357	1.27408676	1.00E-04	1.00E-04
0.40390671	1.00E-04	0.74221547	0.88388829	0.58708779	0.51644049	0.51592728
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04839238	0.2511424	1.00E-04	1.00E-04	0.33758991
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.59994704	1.00E-04	0.64978862
1.00E-04	1.00E-04	0.13440129	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.58171828	3.42636882	3.34053741	3.52573404	4.68810587	3.04057384	3.11263758
12.3071871	11.8137143	11.4057475	11.2127986	12.0170454	11.4289213	11.2104138
0.74813306	1.00E-04	0.16928525	0.18634786	0.47257629	0.7143963	0.13723188
0.64083306	1.00E-04	0.08312569	0.37619093	1.00E-04	1.00E-04	0.37328265
1.00E-04	1.00E-04	0.22210687	0.31058258	1.00E-04	1.00E-04	1.00E-04
0.26409476	0.29363263	1.00E-04	0.2619402	1.00E-04	1.00E-04	1.00E-04
0.73560364	1.26771221	1.6264329	1.79677532	0.71323012	1.05567941	1.56116268
1.00E-04	1.00E-04	0.13605701	0.31331188	1.00E-04	1.00E-04	1.00E-04
0.77824126	1.76535585	1.85106988	1.94740719	0.38091442	0.90717141	1.66149347
1.00E-04	1.00E-04	0.03929436	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.5212478	0.33504259	0.269901	1.00E-04	1.00E-04	1.00E-04
4.11121718	5.04259716	5.84623974	5.5844175	3.4756952	4.41941816	5.30993997
0.52136291	1.00E-04	0.26508085	0.24826325	0.40975599	1.00E-04	0.11188224
2.44307187	2.60559229	2.50143171	2.5135629	1.1841796	2.12567531	2.535533
1.4546612	1.47691588	1.12423595	1.48966078	1.39379484	2.39997493	1.45760394
1.28683758	1.04364017	0.89603896	1.1888909	1.69559082	1.11573564	1.97228255
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27072217	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.00463859	1.86532143	2.03194166	2.05294691	1.88533237	1.92487073	1.7354194
0.606919	0.24511814	0.34574757	0.12308204	1.00E-04	1.00E-04	0.88920566
1.95066349	1.1697245	1.52523019	1.12480102	0.50894684	0.45643003	1.02117911
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.32964219	0.38639393	0.51762057
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52192144	0.92311557	1.25200781	1.24834773	1.00E-04	0.79931234	2.0515116
1.00E-04	1.00E-04	1.00E-04	0.04814538	1.00E-04	1.00E-04	1.00E-04
4.68374908	5.00078346	5.94345032	5.97803623	4.45138886	4.7065443	5.438685
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34293625	1.00E-04
0.37028214	0.22141431	0.1522643	0.10162098	1.00E-04	1.00E-04	1.00E-04
0.47346136	0.80077354	0.54657923	0.47455437	0.38530742	0.29910931	1.11730755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14197679	1.00E-04	1.00E-04	0.20772946
0.83882735	0.23073174	0.18511425	0.29756225	0.75890236	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07577023	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.196274	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16436531	0.66074443	0.40605201	0.66940589	1.65177592	1.60863232	1.75513224
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71400847	1.53297877	2.13041816	1.2281351	3.27951169	1.68495257	2.91299514
1.00E-04	1.00E-04	0.05038671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1474003	1.55054448	1.44400208	1.5518073	1.00E-04	1.16582849	1.01316374
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67420887	0.99359622	0.93752453	1.08978853	1.00E-04	0.83559193	1.00E-04
2.73654493	3.27439189	4.03882473	3.62235768	4.10880261	4.93579961	6.04322072
2.0408721	1.84535433	1.70139196	1.7812436	1.75547506	2.31323676	1.70095616
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.93766964	0.800735	0.770636	0.35320673	1.00E-04	1.00E-04
1.00E-04	0.14180904	0.18398907	0.17112537	1.00E-04	0.38529299	0.29036357
1.00E-04	1.00E-04	0.31696653	0.35103461	1.00E-04	1.00E-04	0.37213581
2.26084906	2.37426818	2.04576306	2.03400647	2.34886329	1.47905211	2.26815468
1.00E-04	1.00E-04	0.06231797	1.00E-04	1.00E-04	0.3657878	0.3216658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61786682	1.00E-04
0.94394956	1.23026335	0.72294387	0.85918931	1.00E-04	1.54042657	1.00E-04
0.84843036	1.06489191	0.39858128	0.46913444	1.00E-04	1.00E-04	0.822049
0.39080727	2.01778658	0.87952262	0.81458094	1.00E-04	1.10035814	1.06543989
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32432879
2.92296865	3.03947755	3.18777928	3.28411965	1.39849957	2.30979736	2.01931592
1.00E-04	0.45776653	0.05092089	0.11126479	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31862351	0.08340612	0.69094647	1.00E-04	0.43537339
1.00E-04	1.00E-04	0.11492863	0.08360578	1.00E-04	1.00E-04	1.00E-04
1.82961906	1.83118413	1.65031083	1.70270254	1.3520482	2.13028768	1.94408418
1.00E-04	1.00E-04	1.00E-04	0.05120603	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16263232	0.73250545	1.27951231	1.13349545	1.00E-04	0.93817566	1.28274803
3.7370259	4.19519131	5.17995126	5.17268655	3.36496918	3.58890702	4.86145698
1.19796123	1.2752884	1.30791325	0.94325033	0.8690744	0.45915465	1.28664673
1.15666772	1.66398721	2.05142956	1.85114393	1.76986668	1.06082961	1.13055684
0.3422687	0.78976874	0.16686537	1.00E-04	0.5982431	1.00E-04	0.40189177
1.00E-04	1.00E-04	0.22383132	1.00E-04	2.13020889	1.32325691	1.73782044
0.32668362	0.49532245	0.81660044	0.77790687	1.41794838	1.09753915	1.45424642
2.23205043	2.14402187	2.21551292	2.01796548	2.24989892	2.29549718	2.29267505
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61285601	0.6185872	0.72108023	0.36167675	0.44085717	0.10651827	1.40780208
2.56184232	3.30245117	4.1350228	4.28856013	2.50472679	2.99852727	4.19236272
1.00E-04	1.00E-04	0.16018781	0.30464039	1.00E-04	1.00E-04	0.78207789
1.00E-04	0.55093985	0.85893498	0.74632751	0.9267379	0.49618599	1.7326711

1.00E-04	1.00E-04	0.07018996	0.05116853	1.00E-04	1.00E-04	1.00E-04
0.40426555	0.1389294	0.33266588	0.51112561	1.32457871	1.00E-04	1.01222186
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29995102	0.33943499	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24911251	0.17742989	1.00E-04	0.65957407	0.37001647
1.00E-04	1.00E-04	0.26279139	0.30166328	1.00E-04	1.00E-04	0.41306813
1.00E-04	1.00E-04	1.00E-04	0.10806604	1.00E-04	1.00E-04	1.00E-04
0.31128713	0.30552136	0.2832559	0.37276347	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05656436	1.00E-04	1.00E-04	1.00E-04	0.37332432
1.03542531	0.98635107	0.71463176	0.81578698	1.04823799	0.27093829	0.54979952
1.00E-04	0.35872559	0.13063691	0.10892373	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23465469	0.16930038	0.35108309	1.00E-04	0.22143361	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43657642	1.29879598	0.89249277	0.91850186	0.74365793	1.13339495	1.26081169
1.58131828	2.29513425	2.38191195	2.22036227	1.48785647	2.08008559	1.98690751
1.00E-04	1.10389023	0.7650614	0.56202629	1.00E-04	0.89331181	1.44012459
1.00E-04	1.00E-04	1.00E-04	0.07857439	1.00E-04	0.27371291	1.00E-04
0.65019083	1.00E-04	0.10061539	0.06674994	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09155075	1.00E-04	1.00E-04	1.00E-04
0.31026825	0.95564587	0.71539192	0.64536596	0.83103289	1.04641286	1.43276654
1.00E-04	1.00E-04	0.48849399	0.1369728	1.00E-04	0.49630473	0.26311169
1.00E-04	1.00E-04	0.04512099	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12943258	0.09215474	1.00E-04	0.47685476	1.00661727
1.59338559	1.32582975	1.42197011	1.33413614	1.70908	0.88234972	2.08729896
1.00E-04	0.13552158	0.27642708	0.14521229	1.00E-04	1.00E-04	1.00E-04
0.98654117	0.2539497	0.68399085	0.98929376	1.00E-04	1.11890759	1.93996286
0.16748158	1.00E-04	0.24931081	0.14125329	0.24496797	1.00E-04	0.41363822
1.00E-04	1.00E-04	0.05671943	1.00E-04	1.00E-04	1.00E-04	0.24554172
1.00E-04	1.00E-04	0.04720346	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05423666	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08455802	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1955807	0.21627905	0.74054981	0.40123207	1.00E-04	1.00E-04	0.65148019
1.00E-04	1.00E-04	0.03813566	0.11638332	0.74910948	0.87020545	0.39482083
1.18544486	0.76634821	1.14630459	0.9013833	0.40975599	0.30338957	0.47044516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77078892	1.42848023	1.67346224	1.65262027	0.30780692	1.394478	1.40069033
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02772435	1.00E-04	1.00E-04	1.00E-04	0.20283809
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48060496	1.00E-04	0.48830516

1.00E-04	1.00E-04	0.10159583	0.08276375	0.38091442	1.00E-04	1.00E-04
0.77415807	1.7761391	1.80048189	1.58859776	1.35259382	2.16225019	1.86102161
1.00E-04	1.00E-04	0.05218546	0.11812446	0.87696596	1.00E-04	0.37712457
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07407517	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03924277	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05123125	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03534935	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56538717	1.98736232	1.03520747	1.73219361	2.54239817	2.35042389	1.23821476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01243586	0.45774427	0.25206418	0.09655452	1.84344127	0.28215124	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45319109	0.22302936	0.35256292	0.33498986	1.10070734	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2923627	0.2963149	1.00E-04	1.00E-04	0.14365894
1.00E-04	0.25019766	0.03798488	0.41157546	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12131059	0.04491177	0.43177254	0.14939575	0.27477876
1.00E-04	1.00E-04	0.09822731	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63609922	1.00E-04	1.00E-04
1.00E-04	0.28665875	0.14393463	0.4172248	0.38488463	0.96024772	1.00E-04
0.20795065	1.00E-04	0.25842864	0.1640413	0.55964322	0.25930142	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16998337	1.25775481	1.55348068	1.6706694	1.30468741	1.5770376	2.40569082
1.00E-04	0.1960454	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8659544	0.54337716	1.22498111	1.3684914	0.86958255	1.83770339	1.67333791
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05495781	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07314043	0.15609086	1.00E-04	1.00E-04	1.00E-04	0.16439448
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71861836	0.41054339	0.32882527	0.24135684	1.00E-04	1.00E-04	0.13866036
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03425115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08557164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52673692	0.19078687	0.53895182	0.6267244	0.88108246	1.24493342	1.00E-04
1.00E-04	1.00E-04	0.08503989	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08557164
0.39909503	0.61561333	0.17222726	0.51929023	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.36512969	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13723188
1.00E-04	1.00E-04	0.1033341	0.14916889	1.00E-04	1.00E-04	0.74831269

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63226133	0.82701231	0.88606624	0.8830286	1.06553086	0.36471294	0.88098912
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0754691	0.1936538	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21175139	0.09288885	0.12065917	0.61235854	1.00E-04	0.09760498
1.00E-04	0.5154154	0.09808245	0.42979788	0.86518274	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.05814963	1.00E-04	0.32432879
1.01528305	0.18350893	0.72305698	0.75015242	0.42197018	1.07917031	0.76291646
0.1943788	0.41020587	0.24686538	1.01075746	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99716516	0.81976334	0.50243919	0.4410279	1.12479421	1.76101245	0.74247648
0.43234293	0.52338863	0.57051496	0.31620788	1.00E-04	0.95266806	0.43164705
1.00E-04	1.00E-04	0.18070416	0.07448453	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.49543671	0.48859073	0.20989604	1.00E-04	1.14991721	1.55582504
1.00E-04	0.29093287	0.09922726	0.12818927	1.00E-04	0.75030373	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46435976
1.41197608	1.04692764	0.97467459	1.244929	1.00E-04	1.00E-04	0.48019949
1.12553432	2.08216244	1.80001362	1.75417105	1.81219536	2.13469169	1.48618665
1.00E-04	1.00E-04	1.00E-04	0.04601337	1.00E-04	1.00E-04	1.00E-04
1.24074918	1.14637556	1.28112496	1.34799848	1.58527465	1.16619185	1.45463922
0.78795937	0.98244838	1.19186858	1.43112658	0.38091442	1.62703473	1.61631225
1.00E-04	1.00E-04	0.0372073	0.04401363	1.00E-04	1.00E-04	1.00E-04
1.36902231	1.53903181	0.79184159	0.83186662	2.09005935	0.9769198	1.16827195
1.00E-04	1.00E-04	1.00E-04	0.15622291	1.00E-04	1.00E-04	1.00E-04
1.27956315	0.74352128	0.82958015	1.46661265	0.24496797	1.17659845	1.40300702
0.59282231	0.07707022	0.49941738	0.60732838	0.58708779	1.00E-04	1.33277817
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.032615	1.00E-04	1.00E-04	1.00E-04	0.37440717
0.5181706	0.37049801	0.34009231	0.52593064	1.07499498	0.29937888	0.33719975
3.19544672	3.43791119	3.21995882	3.06691981	3.29869345	3.74471128	3.63552883
0.26409476	0.24324306	0.1792833	0.06776972	0.54370492	0.79167642	1.00E-04
1.48775111	1.11211915	1.05954292	1.05014621	1.00209214	0.57408347	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07842003	1.00E-04	1.00E-04	1.00E-04
1.28261407	1.66205729	1.27166934	0.74474764	1.65378811	1.06023724	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25624121	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45938124	0.40638005	0.41468328	0.28600459	0.74910948	1.00E-04	1.00E-04
0.62247428	1.00E-04	0.05907395	1.00E-04	1.00E-04	0.4284064	1.00E-04
0.33284505	0.22046497	0.4109407	0.47207663	0.70997801	0.12640632	0.21969743
1.00E-04	0.19665619	0.15592501	0.02930716	0.54828133	0.23105475	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.1093655	1.00E-04	0.27052208	1.00E-04
1.00E-04	1.00E-04	0.07147722	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17016891
1.00E-04	1.00E-04	0.07037364	0.05273245	1.00E-04	0.33512782	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22941981	0.64300908	0.52266182	1.27611102	0.59499054	0.49077974
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45116524	0.96234427	1.0803069	0.58063077	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.85030622	0.20716203	1.00E-04	1.25582477	1.60074197	0.50751015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50751015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39381043	0.59637926	0.42126702	0.60836129	1.00E-04	1.00E-04	1.00E-04
0.14282873	1.00E-04	0.21781946	0.05372581	1.00E-04	0.66440227	0.09760498
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06128141	0.05624494	1.00E-04	0.37047444	1.00E-04
0.60337946	0.41351587	0.2414242	0.88752408	1.16337086	0.66149843	1.00E-04
1.00E-04	0.67639214	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05656436	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08007604	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21566512	0.08820194	0.23216918	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3360225	1.25255115	1.57499164	1.61475521	0.768034	0.13071865	1.52863281
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17567917	0.44340029	0.37848123	1.00E-04
0.63693787	1.00E-04	0.59626295	0.81927355	1.00E-04	1.01551722	0.29824754
0.68619607	1.22357425	0.83654482	0.92214293	1.26905896	0.92636758	0.98871413
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11565659
0.69982122	1.00E-04	0.06048211	0.12984714	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13160671	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08112961	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57836771	1.00928669	1.03765792	0.90297851	0.65670844	0.41306813
1.00E-04	1.00E-04	0.24789119	0.19830961	1.00E-04	0.47271466	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14691179	0.27026587	0.14721803	0.29226097	1.00E-04	0.21159524	1.0347226
1.00E-04	1.00E-04	0.03085316	0.30161062	1.00E-04	1.00E-04	1.00E-04

0.21930883	0.56888871	0.65709825	0.41397426	1.00E-04	0.44220768	1.00E-04
1.00E-04	1.00E-04	0.08898038	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44424423	1.00E-04	0.16859534	0.06682975	1.00E-04	1.00E-04	0.21257887
1.00877606	0.47014739	0.30845612	0.69191027	1.00E-04	0.5896888	1.00E-04
0.96542777	1.00E-04	0.04447934	0.11743725	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04139249	0.12019036	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.46437406	0.21239933	0.13299664	1.00E-04	1.27425661	0.30302762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11357635	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19067883	1.00E-04	0.03456109	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05185278	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17309521	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06675752	1.00E-04	1.00E-04	0.58661574	1.00E-04
0.26830142	0.0654374	0.36113091	0.2636156	1.00E-04	0.22074923	0.11188224
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21304752	0.05289356	0.17037318	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01825061	0.11282347	1.00E-04	0.78868346	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34492066	0.21702837	1.00E-04
0.45076186	1.10529025	0.48778634	0.64219814	1.00E-04	1.36118602	0.49469035
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37245703	0.53751206	0.86896994	1.00E-04	1.43047635	0.3819057
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04133837	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05864886	1.00E-04	1.00E-04	1.00E-04	0.08557164
0.11503627	0.60887742	0.47643112	0.56410726	1.00E-04	0.85111946	1.00E-04
1.00E-04	0.19785054	0.07791835	0.05151749	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20896488	0.0953635	1.00E-04	1.00E-04	0.24545255

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27782962	0.35211936	0.66054185	0.83754301	0.71383902	0.65972702	1.01499234
1.00E-04	1.00E-04	1.00E-04	0.0956574	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0737906	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11293056	1.00E-04
1.09828409	1.11787012	1.47567006	1.69296301	1.31773326	1.15025102	1.82141761
1.26936187	1.37654925	1.69876154	1.66497544	0.74910948	1.74523006	1.82357144
0.44286404	1.10057876	1.23970043	1.08465818	1.00E-04	0.87206782	1.19928913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47190246	0.19785054	0.29563892	0.23356295	1.00E-04	1.00E-04	0.12174474
1.00E-04	0.72920211	0.09984761	0.24439353	1.00E-04	1.00E-04	1.00E-04
0.90986165	0.97769793	1.54416363	1.86203132	0.40674922	1.565652	1.34077615
0.58374057	0.35617083	0.30297031	0.33439816	1.00E-04	0.28241755	1.00E-04
0.40657976	1.00072189	0.81794041	0.89703795	0.49275495	0.25871909	0.53466634
1.00E-04	1.00E-04	0.26593696	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04595908	0.38625921	0.07452097	0.12781775	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16614391	0.08237688	1.00E-04	1.00E-04	0.1989351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34939726	0.20188518	0.56482491	0.42709902	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33646412	0.2325972	0.114029	1.00E-04	1.00E-04	0.27485202
0.65732604	0.38514665	0.22293207	0.238656	1.00E-04	0.78393008	1.00E-04
1.20912322	0.86058237	1.49941023	1.56060537	0.83916076	1.27714122	2.13625917
0.83188417	0.1408415	0.40956415	0.92317427	0.95943226	0.50322422	0.53658594
1.00E-04	1.30296523	0.15603545	0.30628543	0.70997801	0.35498049	0.09760498
1.00E-04	1.00E-04	0.11971908	0.13257744	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48038956	0.24289192	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27864306	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43906551	0.34077822	0.32618996	1.00E-04	1.00E-04	0.07440699
0.23251313	0.66732858	0.28966146	0.31967615	1.00E-04	1.00E-04	0.87484749
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.51155287	0.090179	0.13393788	1.00E-04	1.00E-04	1.00E-04
1.34446288	0.35543246	0.98698479	1.23367912	1.40561072	0.76224978	0.75265965
1.00E-04	0.70885367	0.35924098	0.26274258	1.00E-04	0.81071994	0.90268303
1.00E-04	1.00E-04	0.1901966	0.09682837	1.00E-04	0.66776439	1.00E-04
1.11632663	1.29599311	1.32725324	1.24589922	1.00E-04	1.33275	0.3843398
0.85708645	1.15081626	0.82749276	0.38876615	1.00E-04	1.20540765	0.6635785
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03391534	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18281164	0.29769985	0.20390799	0.70826379	1.00E-04	0.71364168
0.15660685	0.14127426	0.26025522	0.65657882	1.00E-04	1.69325845	1.42576906

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13723188
1.00E-04	0.80804087	0.63130529	0.87768686	1.00E-04	0.3914285	0.16909838
1.00E-04	0.21304752	0.03394001	0.04770983	1.00E-04	1.00E-04	0.09464396
1.00E-04	1.00E-04	0.21312036	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3141684	0.06105857	0.20800328	0.33697891	1.00E-04	0.75269347	0.50751015
0.46185597	0.48138835	0.0823568	1.00E-04	1.00E-04	0.72276322	0.70835358
1.00E-04	0.52489203	0.35366252	0.79385791	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04564518	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23216566	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09793048	1.88965766	1.43371499	1.70630496	1.71169895	1.3396381	2.01505806
2.33984426	3.09757498	2.57193689	2.69880668	2.12028679	2.63892278	2.22870859
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05493536	0.06370668	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4795931	0.42240821	0.37106332	1.00E-04	0.35163059	1.00E-04
3.04158991	3.34969457	3.44032266	3.54619043	3.54285545	3.52675849	3.56421494
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09360602	0.82056047	0.27606067	0.70453342
0.50655363	0.26135941	0.41950668	0.16829462	0.83934205	0.95318004	1.26491567
1.55891617	1.12574607	1.45260792	1.42445612	1.10452654	1.28692605	1.60419053
1.00E-04	1.00E-04	0.0433958	0.07817868	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36567567	0.27483955	0.64478908	0.79479887	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.60406413	0.64240373	1.00E-04	0.34850681	0.28991116
1.00E-04	1.00E-04	0.06695684	0.10419102	1.00E-04	0.32800835	0.49155087
1.00E-04	1.00E-04	0.04622198	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.54737721	0.24830805	0.24823034	0.48060496	1.00E-04	1.00E-04
1.00E-04	0.40309991	0.23549455	0.33093091	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13955905	1.93354406	0.45277654	0.27408507
0.49740682	1.00E-04	1.00E-04	1.00E-04	1.10418563	0.58934106	0.6171328
0.26702123	0.28223126	0.19663185	0.05805586	1.00E-04	1.00E-04	0.36741622
1.00E-04	1.00E-04	0.16607406	0.07229309	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.10819332	0.09751244	0.07146102	1.00E-04	0.22044102	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23582726	0.61429724	0.04082088	0.42053342	0.44085717	0.73960169	0.41306813
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20012468	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03801709	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97417842	1.12203796	0.67820417	0.98466369	1.76364469	1.41337593	2.24199624
1.00E-04	1.00E-04	1.00E-04	0.28880641	1.00E-04	0.43958412	1.00E-04
0.32649863	0.5109235	0.04532814	0.17137324	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.05125298	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1412258	0.04178327	0.43090184	1.00E-04	0.55089054
0.93810264	1.06506824	1.24906634	1.33588764	1.00E-04	1.15194075	1.32350641
0.26076105	0.0982775	0.2564044	0.20637966	0.50488113	1.00E-04	1.00E-04
1.92498529	1.72874082	2.06512491	1.92359963	1.29211415	1.00E-04	1.44313548
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06797482	0.41056604	0.41095529	0.41687555	0.56063254	0.52290622	0.47238299
1.00E-04	0.68565962	0.39922206	0.43068706	1.00E-04	1.00E-04	0.44872954
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54086741	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.80637542	1.377751
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40360871	1.00926389	1.42810747	1.55919723	1.0827355	1.74649002	2.40615645
1.00E-04	1.00E-04	1.00E-04	0.16964914	1.00E-04	0.35621081	0.25965406
1.00E-04	1.00E-04	0.0390151	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24123137	0.07820707	0.38252868	0.62581836	0.54370492	1.00E-04	0.20283809
1.00E-04	0.36433312	0.37227989	0.21592975	1.00E-04	0.1982747	0.90072914
1.00E-04	1.05769445	0.05260391	0.03671262	1.00E-04	0.50923007	0.13285762
1.79519539	1.94666098	2.24341007	2.33970879	1.73981882	1.23441834	1.89864489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59700236	2.5740871	2.59424732	2.60716719	1.77423926	2.85004341	2.28082033
1.00E-04	1.00E-04	0.03164807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24363413	1.00E-04	0.02069804	0.16233972	1.00E-04	1.00E-04	0.34861727
0.19212494	1.00E-04	0.15980709	0.0438067	1.00E-04	0.36619253	0.16257726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18587224	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48606677	0.11642045	0.18381327	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1570972	0.22128928	0.3990697	1.05772513	1.04824176	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24887198	0.60025863	0.45142344	0.46136374	0.42197018	1.00E-04	0.65640915
1.39286924	1.30804152	1.45540956	0.95259062	2.03013256	1.7228765	1.31806197
1.00E-04	1.00E-04	0.08348239	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10368169	1.00E-04	1.00E-04	1.00E-04
2.3604202	2.45157544	1.82116273	1.79604079	1.87603218	2.18849112	1.66101712
0.77864522	1.47220733	0.91847389	1.22029387	1.8453638	0.96123006	1.15343771
1.00E-04	1.00E-04	0.04098882	0.05228851	1.00E-04	1.00E-04	0.22577116
0.40208627	0.63430629	0.40692737	0.25553562	1.00E-04	0.70840962	0.63837203
1.00E-04	0.91882124	0.33408334	0.25019189	1.00E-04	1.07110527	1.00E-04
0.46173159	0.50611049	0.59487027	0.65746634	0.51366621	1.23918629	0.23172291
1.00E-04	1.00E-04	0.03938641	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06266407	0.13719104	0.06813322	1.00E-04	0.22941088	0.31424664
1.25492188	1.1863193	0.59984502	0.9516408	1.35148731	2.14316417	1.47765627
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37880101	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52952098	1.3729247	0.84755633	1.01701531	1.00E-04	1.73123652	0.18401526
0.50013043	0.62388045	0.2558215	0.5296208	1.34283963	0.60446746	0.79986836
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91966503	0.75225785	0.38686919	0.42407315	0.76571028	0.53089368	0.21495559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06522668	0.08670415	1.00E-04	1.00E-04	1.87793358	0.83241526
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33284505	0.06680567	0.12966404	0.15156972	1.00E-04	0.06695938	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64285996	0.40443329	0.2705202	0.43272559	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4838755	0.09857232	1.00E-04	1.00E-04	0.64594566	1.00E-04
1.00E-04	0.22663656	0.14518831	0.18719667	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13353624	0.82428339	0.92981572	0.93210233	0.78234266	1.24004992	1.00E-04
1.07962452	1.59290246	1.42646474	1.52391589	0.44340029	1.47680914	0.97051861
1.67560331	1.92883343	1.69977472	2.02271987	1.27870459	1.59086133	1.52372852
1.00E-04	0.66765665	0.33202143	0.5043476	1.00E-04	1.00E-04	0.58424979
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20634675	1.00E-04	0.16097079	0.1535926	1.00E-04	1.00E-04	1.50644168
0.27145036	1.00E-04	0.02952573	0.14142911	1.00E-04	1.00E-04	0.39482083
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31024317	0.56213985	1.00E-04	0.97707545	1.00E-04
3.90199752	4.02785972	4.05519098	3.9365492	3.71334474	3.75158664	3.74042816
1.00E-04	1.00E-04	0.04545649	0.10368169	0.42197018	0.45518725	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.76346635	1.00E-04
1.00E-04	1.00E-04	0.1642194	0.19605098	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09500657	0.03391534	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.2055011	0.03508654	0.17764132	1.00E-04	1.00E-04	1.00E-04
0.6672687	0.95947836	0.80451168	0.88278077	0.69094647	1.00E-04	0.24554172
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31311709	1.00E-04
0.31508345	1.00E-04	0.14358532	0.17923883	1.00639663	1.00E-04	0.92400569

1.00E-04	1.00E-04	0.43254561	0.3174394	1.00E-04	1.00E-04	0.48013655
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00213319	1.38656087	1.15658579	1.23958323	1.00E-04	0.48118019	0.68380586
1.00E-04	1.00E-04	0.06457746	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30128935	0.15806085	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02893193	0.18048136	1.00E-04	1.00E-04	0.32599971
0.28131421	1.00E-04	0.28133936	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3556051	0.47989261	0.43909059	1.00E-04	1.00E-04	0.50935609
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13637887	0.04625704	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08378653	0.07978596	1.00E-04	1.00E-04	1.00E-04
1.04895886	0.35090637	0.54273788	0.69628611	0.93767348	1.38622594	1.23179445
1.00E-04	1.00E-04	0.18431009	0.15930049	1.00E-04	0.23105475	0.4509066
1.00E-04	0.25144605	0.05381425	0.28912452	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.6613631	0.58377321	0.33984647	1.00E-04	1.00E-04	0.34249722
0.63830632	1.26317945	0.53984326	0.99446885	1.8707729	0.92882285	0.77431125
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2075468	0.42001885	1.00E-04	1.00E-04	1.00E-04
1.15299052	1.47193491	0.81029379	0.67332527	2.02543201	1.62378692	0.23172291
1.00E-04	1.00E-04	0.103427	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14310979	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06836658	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05898327	0.17223867	1.00E-04	1.00E-04	0.2667594
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18522475	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12814018	1.00E-04	1.00E-04	1.00E-04	0.09760498
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03688082	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1613724	0.11738317	0.24835696	1.00E-04	0.33921206	1.00E-04
1.00E-04	0.07955883	0.1122836	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.04687442	0.03592006	1.00E-04	1.00E-04	0.49077974
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29937888	1.00E-04
1.00E-04	0.20375924	0.06205914	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1466407	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07201959	0.21005276	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13260722	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27379322	0.22964662	0.11543032	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09921022	0.09382609	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07571298	0.20939569	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16112916	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09815045	0.64883309	0.69618731	0.56034215	2.25402491	1.67777136	1.15141185
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28534263	1.00E-04	0.1867977	0.0491702	0.44085717	1.00E-04	1.00E-04
1.00E-04	0.61465187	0.20739668	0.16978012	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04765505	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06513202	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15545009	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53609247	0.17576848	0.21371503	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19142737	0.12026579	0.44220223	0.4816648	1.00E-04	0.84105984	0.23785888
1.00E-04	0.11890916	0.04313138	0.05512452	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.132239	0.03965525	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32046411	0.08198064	1.00E-04	0.24496797	1.00E-04	1.00E-04
0.32656027	0.20237072	0.42261693	0.78479864	0.66243586	1.04023447	1.49065791
1.72199415	1.328056	1.18620288	1.49964647	2.0661438	0.88481057	1.57901176
1.00E-04	1.00E-04	0.210894	0.16100314	0.45889659	0.06695938	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27395214	0.62356882	0.63322708	0.79795282	1.00E-04	0.75030373	0.23172291
0.7734546	1.03193376	0.72407704	0.62174544	0.63609922	0.66916251	0.36735461
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44060505	1.29446451	0.73404411	0.55530733	1.00E-04	0.48750037	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27580628	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18439899	0.12913301	1.00E-04	0.71651111	0.07440699
1.00E-04	1.00E-04	1.00E-04	0.18368416	1.00E-04	1.00E-04	0.4681764
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.47257629	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19371408	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08557164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09230604	0.49550443	0.52930531	1.46262057	0.40674922	0.89321814	0.81727711
0.35551	0.13737933	0.37851247	0.32843211	0.52474525	0.92640809	0.17016891
0.21218854	1.00E-04	0.34768279	0.36004678	1.00E-04	1.00E-04	0.31671355
0.4650548	0.53474002	0.8573619	0.67124098	0.42938666	1.88316617	1.77555777
1.00E-04	0.27544108	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11968594	1.00E-04	1.00E-04	0.96642241	0.11699513
1.6617303	2.3767432	1.74852635	2.02020408	2.04675686	2.42076817	2.5176547
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20772946
1.59300965	1.6481669	0.89646716	1.31682	0.35750248	0.65700697	1.00E-04
1.00E-04	1.00E-04	0.11291679	0.06032394	1.00E-04	1.00E-04	0.13866036
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37102863	1.45377856	0.86190031	0.73143656	1.23059912	0.58634817	1.19063246
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.52349445	0.40570567	1.00E-04	1.00E-04	0.73593372
1.00E-04	0.32223122	0.19033084	0.43985732	0.40975599	0.6376666	0.4662006
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44085717	0.3670047	1.00E-04
0.78281678	0.52445159	0.49511417	0.6402343	1.7944942	1.92233147	1.38525982
1.94091371	1.75597973	1.16476034	1.39761714	1.83716529	2.6099794	1.17082764
0.33701738	0.412157	0.62193669	0.71645866	1.00E-04	1.26627776	0.49781009
1.34774644	1.50590771	1.31904191	1.13114366	1.00E-04	1.17207023	2.32126403
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4191727	1.27769456	1.13639472	1.35633227	1.11305578	1.06100445	0.96979029
0.43449614	1.00E-04	0.07067817	1.00E-04	0.54828133	1.00E-04	1.00E-04
1.34185144	1.65383785	1.45952346	1.53391546	1.35834783	1.86517513	1.15469283
1.59823358	0.06639836	0.40890397	0.38068909	0.74630849	1.73889492	0.35837172
1.00E-04	1.00E-04	1.00E-04	0.03797959	1.00E-04	1.00E-04	0.90283926
0.1908604	0.64698359	0.79852802	1.25078895	1.00E-04	0.44204238	1.31359007
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08850581	1.00E-04	1.00E-04	0.55600444	0.43374036
0.94121591	0.83446659	0.76323569	0.51360853	2.37998298	3.0619201	2.3502797
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66268747	0.46435976
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20758768	0.08671977	1.00E-04	0.42606835	1.00E-04
1.00E-04	1.00E-04	0.04882278	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.07500974	1.00E-04	1.00E-04	0.34032951
1.00E-04	0.6196614	0.34496638	0.36232846	0.42197018	0.57715657	0.5117552
0.20290409	1.00E-04	0.08713823	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47739381	0.43028755	0.28941668	0.40587701	1.00E-04	1.00E-04	1.00E-04
0.33884663	0.71276213	0.75111026	0.81350729	0.86674954	1.05105934	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03542383	0.23115888	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.42944248	0.50208737	0.24821535	1.64222774	0.25927897	0.39094872
0.44202861	0.70791316	0.71207488	0.72222118	0.74365793	1.65759857	1.00302578
1.00E-04	0.30846266	0.29915562	0.42365777	1.00E-04	0.28135532	0.54464262
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29178566	0.39867099	0.53515803	0.48521089	0.68550341
0.7135503	0.56479336	0.7720169	0.9172684	1.6336197	0.73657099	0.28948344
1.00E-04	0.4072153	0.19330814	0.04768541	1.53996681	1.8440026	1.19852866
1.00E-04	0.28797137	1.00E-04	1.00E-04	1.00E-04	1.0183329	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03883345	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26571256	1.00E-04	0.20929753	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97901204	1.00E-04	0.63350822	0.24913111	0.42197018	0.43958412	0.57831065
0.20345	0.49790002	0.37062514	0.54454683	0.84840873	0.36471294	1.56830865
2.12945192	2.1510773	2.32904248	2.35259911	1.00E-04	1.01675261	1.4375777
0.50179333	1.00E-04	0.08384969	0.12026363	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87378803	1.22551048	0.9517168	0.93703553	2.00023432	2.15052913
1.00E-04	0.58592637	0.51262313	0.67612745	1.00E-04	1.00E-04	0.11491268
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17828755	0.31422818	0.39756765	0.26993802	1.00E-04	0.20839209	0.49683657
0.32656027	1.00E-04	0.23369276	0.11709211	1.00E-04	0.73515921	0.18381593
0.33284505	0.06680567	0.36453465	0.17922968	1.00E-04	0.10651827	0.780778
1.00E-04	0.29349003	0.27150679	0.46921934	1.00E-04	1.00E-04	0.26662489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41498847	0.36821611	0.61145409	0.6808557	1.00E-04	1.00E-04	1.00E-04
0.65753368	0.23927133	0.59648068	0.8241716	0.42938666	0.95193576	0.92378492
1.00E-04	0.25207496	0.08272482	0.35186922	0.49775343	0.27938516	0.24637457
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14707582	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05422614	1.00E-04	1.00E-04	1.00E-04
0.47254917	0.47370598	0.53383517	0.48361213	1.00E-04	0.18597055	0.92867772
2.34701752	2.79639376	2.28775906	2.62827998	1.86662513	2.24995836	2.55852954
0.53392256	1.37355526	1.04314967	0.91606456	1.00E-04	1.06799003	0.35505712
1.00E-04	1.00E-04	0.05989573	0.14216852	1.00E-04	1.00E-04	0.28482166
0.9892256	1.1640758	0.80432244	1.05268216	1.34471435	0.90078698	1.01951482
1.00E-04	1.00E-04	0.05669551	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.14887852	1.00E-04	1.00E-04	0.35587885
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77803869	0.62734819	0.79953823	0.94131002	0.48823099	0.28215124	0.42096478
0.27968057	0.4248573	0.38856955	0.06536052	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18084052	1.00E-04	1.00E-04	1.00E-04	0.46435976
0.98600477	2.12854149	1.30283726	0.77729397	0.40975599	0.61291369	1.00E-04
2.36079147	3.20898185	2.89080918	2.13721201	1.55164922	2.60042031	2.35904315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13811158	1.84757996	1.59713959	2.06353681	0.69507273	1.06517553	1.41810434
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08716302	0.32049911	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18109977	0.15991821	1.00E-04	1.00E-04	0.25275834
1.1229356	1.65451136	1.21691321	1.28399953	0.65910354	1.88800406	1.45456416
1.00E-04	0.1169307	0.25801853	0.24036225	1.00E-04	0.97048302	0.89050228
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06936783	1.00E-04	1.00E-04	1.00E-04
0.19900397	0.65888094	0.35776267	0.14021067	1.00E-04	1.00E-04	1.00E-04
0.10114823	0.82859737	0.04021669	0.41475935	1.00E-04	1.00E-04	1.01943073
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73252811	1.588188	1.23461546	1.29970847	1.00E-04	0.68716389	0.80215682
0.92584405	0.74313274	1.15075313	0.85116227	0.74910948	0.18766931	0.78199942
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37638641	0.70390815	0.97137751	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67417242	0.78197578	0.38765097	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.6565764	0.71728261	0.7573057	1.00E-04	0.95435021	0.58568347
1.00E-04	0.07820707	0.09982842	0.14702521	1.00E-04	0.4069335	1.00E-04
1.00E-04	0.51049529	0.63592481	0.51464829	1.00E-04	1.4624775	1.5409609
0.63681691	0.17411755	0.13983299	1.00E-04	0.54293045	0.34293625	0.57751708
1.00E-04	0.19941332	0.06857904	0.10532376	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14939575	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22548292	0.97761027	0.72039683	0.75255797	0.65823999	1.20433989	1.19902728
0.43383783	1.17144333	0.67053456	0.6581385	0.8384256	0.75794283	1.25847868
0.63981364	0.12731738	0.68216724	0.63585776	1.00E-04	0.22143361	0.84459326
0.11825932	0.75212492	0.33244789	0.09093928	1.00E-04	0.361107	1.00E-04
1.00E-04	0.41249676	0.07228254	0.42165861	3.01890603	3.87449351	3.76254024
0.24366832	1.00E-04	0.14682977	0.24676053	1.00E-04	0.62608956	0.23648577
2.9343057	2.73128663	3.00661484	3.15679614	2.57046313	3.13238023	3.23287348
1.00E-04	1.00E-04	0.1058558	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.11366792	0.0518905	1.00E-04	1.11198137	0.8720103
1.00E-04	0.47338814	0.12802736	1.00E-04	1.00E-04	1.29735899	0.7991474
2.37770686	2.38118762	1.45703051	1.39284654	1.83788847	1.52908579	1.54249594
0.65068475	0.42702259	0.5553092	0.63855836	1.00E-04	0.25871909	1.00E-04
1.00E-04	0.37385091	0.08797432	0.15666141	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33400098	0.26679807	0.17081926	1.00E-04	1.00E-04	1.00E-04
0.49330538	1.60566132	1.02278437	1.16943592	0.69158286	0.28135532	0.41888107
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56650422	1.10274093	1.06595121	0.92944735	0.54370492	0.81627278	0.61770549
0.40426555	1.28101577	0.61724136	0.76494124	1.08868508	0.95601764	0.54785538
1.00E-04	1.00E-04	0.13363566	1.00E-04	1.00E-04	1.00E-04	0.30617692
1.00032593	0.80973574	1.33259271	1.29760989	2.42732838	1.07066685	1.05999212
1.00E-04	1.00E-04	0.06697364	1.00E-04	1.05070843	1.00E-04	0.2166229
0.96732242	1.14498697	0.99317791	1.18005015	1.00E-04	1.60584753	1.61001389
1.28524895	0.3937874	0.65158017	0.8892979	1.00E-04	1.00E-04	0.09760498
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1943788	1.00E-04	1.00E-04	0.11907035	1.63438814	0.79877384	0.65640915
0.15352842	0.35949445	0.38325979	0.42236001	0.91365928	0.77545738	0.28948344
1.00E-04	1.00E-04	1.00E-04	0.11685413	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0348186	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78482206	1.00E-04	0.24041483	0.16910729	1.00E-04	0.98593047	1.0191656
1.00E-04	0.43428065	0.78944729	0.82935644	1.00E-04	0.55090662	0.88458302
1.11033273	1.89424849	0.84515242	0.76084124	1.05814963	0.94671387	0.3843398
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43340008	1.00E-04	0.04450141	0.25300614	1.00E-04	0.1982747	0.14835414
0.88267846	1.37886108	1.11061763	1.32288436	1.00E-04	1.08805805	1.03580764
1.00E-04	1.00E-04	0.05147636	0.13280732	1.69753349	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30986637	0.25934031	1.00E-04	0.04856364	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08663909	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21484214	0.50630501	0.34337856	0.38091442	1.28426836	1.79420504
0.68551509	0.75546264	0.98169459	1.24889647	0.67168427	0.91196526	0.98866975
0.55180074	1.22856148	0.99984026	0.76306602	1.66252578	0.54087783	0.34032951
1.00E-04	0.40945927	0.02584646	0.1728366	0.52474525	0.56452843	1.00E-04
0.61626591	0.35178725	0.69683061	0.73443586	1.0651258	1.00209716	0.47497632
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05111793	0.07119053	1.00E-04	1.00E-04	1.00E-04	1.01249494
0.30573545	0.39809283	0.41598484	0.34654655	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.14911543	0.17223433	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.76641531	0.47876871
1.00E-04	1.00E-04	1.00E-04	0.07650901	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29724397	0.08429372	0.10120236	1.00E-04	1.00E-04	0.21969743
1.00E-04	1.00E-04	0.04978057	1.00E-04	1.00E-04	0.65173525	1.00E-04
0.71119125	1.03574983	0.13536425	0.46209532	0.49833685	0.76436937	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13907928	1.00E-04	0.19530231	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.68823972	1.84271161	0.30302762
1.4654653	1.94361391	3.40778307	3.42290056	1.50601493	1.35471112	3.29924131
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07289155	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06266407	0.04442791	1.00E-04	1.00E-04	0.36782053	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43958412	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39682896	0.02772435	0.06992326	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07559361	1.00E-04	0.41062688	1.00E-04
1.00E-04	1.00E-04	0.12641032	0.11749105	1.00E-04	1.00E-04	1.00E-04
0.52677221	0.12765283	1.10062639	1.05315049	0.88062401	0.80773713	1.09739497
0.75523662	0.20873021	1.00E-04	0.0691276	0.59994704	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09944821	0.17788806	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05111793	0.20604023	0.11700007	0.51366621	0.85745213	0.25203293
0.56970355	0.40661771	0.5198549	0.26718886	0.55964322	0.75154825	0.11565659
0.55774315	0.24484958	0.1278758	0.05093541	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05667162	0.13130295	1.00E-04	1.00E-04	1.00E-04
1.44028148	1.45283047	1.72516721	2.31708636	1.44301284	2.14129505	2.48131848

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08393705	0.07879597	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04997908	1.00E-04	0.13071865	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21092722	0.76567787	0.27492321	0.53161344	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0567793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80442289	0.23514034	0.54448756	0.66134246	1.15337745	0.56814847	0.51812439
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06857904	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11816217	0.1267182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05768037	0.04762853	1.00E-04	1.00E-04	1.00E-04
0.40171885	0.17949903	1.00E-04	1.00E-04	0.94236567	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02171201	0.06086256	1.00E-04	0.8494449	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21967902	0.04410737	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13871239	1.00E-04	1.00E-04	0.03580504	1.00E-04	1.00E-04	0.50751015
0.23395345	1.00E-04	1.00E-04	1.00E-04	0.58708779	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04630952	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12646947	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55704019	0.86584905	0.89998736	0.73272615	1.00E-04	0.68089561	0.69923836
1.00E-04	0.20554294	1.00E-04	0.06333132	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13946278	1.00E-04	1.00E-04	1.00E-04	0.25927897	0.21969743
0.80707428	0.05558966	0.26497016	0.42741248	1.00E-04	0.94748913	0.97318993
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76094216	0.34695739	0.46402992	0.54111071	1.19263892	0.38831064	1.04047556
1.00E-04	1.00E-04	0.27940713	0.1931405	1.00E-04	0.74385682	0.15149617
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.10081858	0.20856228	1.00E-04	0.72190198	0.26662489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49155087
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22294363	0.0467444	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05258334	0.05389156	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31415139	0.07018996	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22957645	1.00E-04	0.06199666	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22511942	0.05589433	0.37972389	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10489327	0.11159798	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15483291	0.0818905	1.00E-04	1.00E-04	1.00E-04
0.39954069	0.26403101	0.26389764	0.34767117	1.00E-04	0.80490006	0.53034639
1.00E-04	1.00E-04	0.06822931	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21668444	0.40604639	0.71016003	0.79030005	1.00E-04	0.62514989	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15889953	1.00E-04	1.00E-04	1.00E-04	0.35621081	1.00E-04
1.00E-04	0.26490694	1.00E-04	0.11077973	1.00E-04	1.00E-04	0.6171328
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06387197	0.08573171	1.81371332	0.91277579	1.00E-04
0.17041597	0.49804668	0.10420672	1.00E-04	1.00E-04	0.27052208	0.50706663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49112722	0.40533991	0.05559323	0.04886076	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10083427	0.22259003	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07983856	0.16873077	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4731778	0.14397417	0.41951656	1.00E-04	1.00E-04	0.51121579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48734977	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36895161
0.39544292	0.17067725	1.00E-04	0.19270126	1.00E-04	1.00E-04	0.55890104
1.67579488	2.11631455	1.932204	1.81921087	1.88561046	2.1156531	2.10262032
0.3371285	0.17652021	1.00E-04	0.14615979	1.00E-04	1.00E-04	0.14835414
1.00E-04	1.00E-04	0.04359978	0.05022155	1.00E-04	1.00E-04	0.8511787
0.51840998	0.69173348	0.6032603	0.55436396	0.38530742	0.23817629	0.30990641
2.88268475	2.49351201	2.73179422	2.33430623	2.87665616	3.02665724	3.32616887
1.00E-04	1.00E-04	0.05801631	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.35906128	0.04850146	0.22740083	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66235406	0.29207779	0.61195601	1.21740245	2.06340138	2.4134109	2.00292523

3.64184759	4.29287163	4.34537989	4.53000146	3.86420126	4.5605688	4.76482734
1.00E-04	1.00E-04	0.3604048	0.13550746	1.00E-04	1.00E-04	0.8033895
1.00E-04	1.00E-04	0.04874316	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20012186	0.39001409	0.21098717	1.00E-04	0.70927764	1.52939219
0.7490033	1.10693324	0.95238388	1.30277452	1.00E-04	1.00E-04	1.00E-04
0.8695214	1.63187939	1.90353954	1.94577197	1.00E-04	0.86126443	1.00242769
0.8077219	1.50561656	1.13063102	0.89574639	1.00E-04	0.70140834	0.64029571
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.964718	0.78625625	0.44282659	0.30709133	1.00E-04	1.00E-04	1.00E-04
0.97154562	1.22335727	1.31177537	1.16687283	1.29685982	0.97970121	2.11063489
1.08309714	1.79462868	1.78683496	1.76037852	1.88472815	2.00380452	2.16281029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.79269701	2.06120009	1.46807569	1.44400365	1.55587855	1.65234231	1.47655094
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94195621	1.93152963	1.36145671	1.64612955	1.04766671	1.38467866	1.04059597
1.00E-04	0.36862258	0.09706083	0.09501989	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13959963	0.20406264	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05574373	0.06086256	1.00E-04	1.00E-04	1.00E-04
1.95522631	2.47316233	2.64493274	2.83613363	2.48746514	1.81341075	2.96234494
1.00E-04	0.15610278	1.00E-04	0.16294748	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18587224	0.04481279	1.00E-04	0.53515803	1.00E-04	0.11491268
0.82274715	0.78563422	0.30260745	0.40359037	1.08948617	0.63603357	1.00268927
0.49596984	1.00E-04	0.03900378	0.11475453	1.00E-04	0.52691586	1.00E-04
1.00E-04	1.00E-04	0.10083392	0.06021996	0.55964322	0.61121589	1.00E-04
1.00E-04	0.05411367	0.05226659	0.13307802	0.48060496	0.41062688	0.5456518
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06489235	1.00E-04	0.14450706	1.00E-04	0.11240321	1.27853038
1.00E-04	1.00E-04	0.05198375	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65427793
0.28459308	1.00E-04	0.26444209	0.53227196	1.39679839	1.98164859	0.96180022
1.00E-04	1.00E-04	0.16904339	0.04596041	0.42197018	1.00E-04	0.79371054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28991116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.51366621	1.19423134	2.03169997
1.00E-04	1.00E-04	0.16885129	0.31608748	1.00E-04	1.00E-04	1.00E-04
0.64078082	1.08233793	0.92724701	0.95682537	1.60581259	0.74315192	1.51006973
0.50937693	1.00E-04	0.1663238	0.23642742	1.00E-04	1.00E-04	0.42381331
2.40714893	2.77495513	2.65236199	2.33949922	2.04218502	2.84792421	2.01552112
0.8907509	0.97895254	0.5117239	0.55372199	1.54266701	1.04868554	0.79234507
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1408415	1.00E-04	0.08726973	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08669172	0.04347285	0.60156552	1.00E-04	0.39482083
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.07137848	2.0957242	1.61773301	1.24598903	2.12929503	2.41174058	2.58534521
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.950266	1.33859841	0.93562522	1.17122883	1.40738582	1.18464357	1.5557254
1.00E-04	1.00E-04	0.12566378	0.17429528	1.00E-04	1.00E-04	0.780778
0.43634037	0.50693355	0.26742221	0.24784527	1.3013301	0.71145111	0.54761649
0.22998931	0.87246105	0.72777792	0.40780984	0.71739999	2.11341697	1.18176625
1.00E-04	1.00E-04	0.04725321	1.00E-04	1.00E-04	0.26819566	1.00E-04
1.96994882	1.95868934	1.75231572	1.94569125	0.30780692	1.27690574	1.89880827
0.77261396	1.10964782	1.34003983	1.14565192	1.94893352	2.56412676	2.35942659
0.63776305	0.62974029	0.81535147	0.87081439	0.90908761	1.32697933	1.57381104
0.94419813	1.04846815	0.764718	0.68815175	1.14785112	2.29701473	0.64541819
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16598082	0.3838503	0.41830403	0.79488657	1.00E-04	0.89072163	0.7747976
1.70025392	2.13745616	1.36671888	1.55591325	0.24496797	1.01573403	0.87692575
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1908604	0.17723227	0.04386999	1.00E-04	1.00E-04	0.46718831	1.00E-04
1.00E-04	0.17652021	0.61014849	0.19590715	1.02180146	1.00E-04	0.99456124
0.238384	0.62365347	0.84661907	1.18596443	1.00E-04	0.36741216	1.32652853
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30295426	0.2149074	0.04610315	0.06814984	1.00E-04	1.00E-04	1.00E-04
0.33374446	0.56453128	0.54916755	0.36614343	1.00E-04	1.00E-04	0.48918601
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10938051	0.49520953	0.40738177	0.38491002	1.4718588	0.79816611	1.44079225
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20290409	1.00E-04	0.10624859	0.08017515	1.00E-04	1.00E-04	0.25275834
1.00E-04	1.00E-04	0.34181744	0.77075035	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17357925	0.04045864	0.0654677	1.00E-04	1.00E-04	1.00E-04
1.26785966	1.72859326	1.02185751	1.55208326	1.0563697	1.19787846	1.93515203
1.00E-04	0.74139985	0.3542677	0.32995555	1.00E-04	0.80444642	0.31361287
1.00E-04	1.00E-04	1.00E-04	0.11016135	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.96844109	3.40185003	3.49557138	3.62359944	2.86502163	3.41789598	3.44285072
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74332227	0.13866036

1.00E-04	1.00E-04	1.00E-04	0.21629907	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15249207	2.07172577	1.43348265	1.51096795	2.13944388	2.2782337	1.41465478
1.00E-04	0.46218772	0.22537065	0.43062322	0.73862402	1.00E-04	1.00E-04
0.65004168	0.55806084	0.40486196	0.17240766	0.51102197	0.50425882	0.23893483
0.62863751	0.90486645	1.38225744	1.39512976	0.87446197	1.46307347	1.68978097
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30143376	1.00E-04	0.04083114	0.95085885	1.07974509	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05495781	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28848231	0.19126399	1.00E-04	1.00E-04	1.00E-04
0.21771568	0.14331604	0.13315478	0.28745232	0.42197018	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.49810351	0.31105431	1.00E-04	1.00E-04	0.60552054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3371285	1.00E-04	0.06445365	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02745634	0.74076359	0.80574178	0.52283737	2.1838135	1.14842388	0.32013426
1.00E-04	1.00E-04	0.03428607	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.5121792	2.83392436	1.70688868	1.7098667	0.96711081	1.54521659	0.24883772
1.00E-04	1.00E-04	0.16859534	0.05682819	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0543251	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.594415	2.28669566	2.34767723	2.55820823	1.63663318	1.92981093	2.26704936
0.67123475	0.96871531	0.68377837	0.74381185	0.34492066	1.51554917	0.8410002
1.00E-04	0.33286561	0.58170622	0.30035642	1.00E-04	1.00E-04	1.00E-04
0.86087053	0.52830814	0.31982048	0.33089631	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04807238	0.20497462	1.00E-04	1.00E-04	0.1989351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17909848	0.07233037	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.42941157	1.00E-04	0.11839213	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0195717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36515021	0.89765738	1.2930183	1.33097135	1.00E-04	0.30351477	1.14144677
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51839535	1.00E-04	0.04436929	0.1968351	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14170192	1.00E-04	0.33315102	0.31729655	1.00E-04	0.18597055	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48761421	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07276897	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13103319	0.13252198	1.00E-04	1.00E-04	0.11565659
1.00E-04	0.49794218	0.98899753	0.47722604	1.00E-04	1.00E-04	1.32807733
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24586475	0.3586203	0.37178563	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06942888	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20647388	0.61655397	0.55040308	0.45122751	0.45889659	0.79810953	1.32656772
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03939218	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11201319	0.26581254	0.16353047	1.00E-04	1.00E-04	1.00E-04
1.04903188	0.23497834	0.45719868	0.70295022	1.00E-04	1.00E-04	0.25370611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14126415	0.59557608	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45116524	0.36128987	0.62834523	0.99245456	0.67391014	0.29937888	0.62709426
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08870212	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17727073	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40022499	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27024671	0.08954335	1.00E-04	1.00E-04	1.00E-04
0.460254	0.28804495	0.42862212	0.24425606	1.00E-04	0.37848123	1.00E-04
1.01331829	1.0455926	0.5974765	0.69977625	1.43145686	0.23105475	0.11491268
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05310241	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24764753	0.8906406	1.21488725	0.98547228	2.21442196	1.47677377	2.26102165
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.79621941	2.4917842	2.60715478	2.88941812	0.89089872	2.20203339	2.48846961
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.2590743	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.12658873
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22941981	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1927984	1.00E-04	0.77188983	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57744122	1.40791379	1.96660414	1.58511965	1.00E-04	0.44945293	0.30893958
0.21097841	1.00E-04	0.06268107	1.00E-04	1.00E-04	1.00E-04	0.65245196
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.27508565	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48830516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2633732	0.3901712	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03991829	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97480288	0.97180614	1.34965945	1.56698146	0.84840873	1.25535911	0.5563526
1.00E-04	0.25502023	0.95201393	0.7799229	1.00E-04	0.54003656	0.30101193
1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.08717593	2.01211836	1.62659867
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75158945	1.0194535	2.24199414	2.07680547	1.05811662	0.38747692	2.71470097
2.21098261	2.41480451	2.64036451	2.93074982	1.67771422	1.96357059	2.36160403
1.00E-04	0.45199531	0.24658394	0.11150252	1.00E-04	0.62514989	0.30893958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5749548	1.00E-04	0.07479736	0.1224259	1.14014454	1.00E-04	0.30631903
0.32656027	0.3225746	1.00E-04	0.07025727	0.50894684	0.44622622	1.00E-04
1.00E-04	1.00E-04	0.0871548	0.15982753	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35325577	1.00E-04	0.20200662	0.06444117	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17611897	0.1137643	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06473289	1.00E-04	0.58708779	0.12640632	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10114823	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11802859	0.10730655	1.00E-04	0.13071865	0.44862598
1.00E-04	1.00E-04	0.03320683	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04628623	0.68923109	1.07656815	1.4116565	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13474433	0.21132787	0.11728886	1.00E-04	0.70370838	1.00E-04

0.18926183	1.00E-04	0.06215954	0.05545263	1.00E-04	1.00E-04	0.3216658
3.32943348	4.42192992	3.07798987	3.14579986	2.98867201	4.0615016	2.49071046
1.85944953	1.74770001	1.04537042	1.33262484	2.23501513	2.38968522	1.58724555
1.00E-04	1.00E-04	1.00E-04	0.31558284	1.64883346	1.11787757	1.63333979
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0601681	1.00E-04	1.00E-04	1.00E-04
0.97662294	1.61319453	1.14186387	1.0570627	0.40912496	1.22697081	1.94836057
1.00E-04	1.00E-04	0.02284208	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85259025	0.8768505	0.36563669	0.50249992	1.00E-04	0.42921224	1.11285109
1.00E-04	0.44012236	0.04447934	1.00E-04	1.00E-04	0.11293056	0.47046367
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.85340017	0.24258469	0.21385591	1.00E-04	1.00E-04	0.26662489
1.00E-04	1.00E-04	0.04942384	1.00E-04	1.00E-04	1.00E-04	0.50814514
1.15953167	1.00E-04	0.78607945	0.6388064	1.63834476	1.35850119	1.00E-04
1.00E-04	0.28537335	0.30356722	0.31096921	1.00E-04	0.47316859	0.23721926
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.34183463	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3963757	0.11008973	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16862706	0.11832136	0.04458937	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10214956	0.35093993	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28889649	0.23402699	0.24496797	1.00E-04	0.09464396
1.00E-04	1.00E-04	0.04470109	1.00E-04	1.00E-04	0.27371291	0.28991116
1.00E-04	0.11033993	0.08676984	0.02723959	1.00E-04	1.00E-04	0.09464396
1.00E-04	1.00E-04	0.08960313	1.00E-04	1.00E-04	0.2827378	0.11565659
1.00E-04	1.00E-04	1.00E-04	0.03851865	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11486524	0.0482451	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12087044	0.14380924	1.00E-04	0.99737246	0.11808513
0.97336252	0.04336477	0.11963132	0.1039551	1.00E-04	0.48188652	0.31078224
1.08003898	0.34863218	0.33328857	0.38787717	0.47257629	0.52406988	1.00E-04
3.18685427	2.80350712	2.3420407	2.39970952	2.91309686	3.02449988	2.47789185
1.00E-04	1.00E-04	1.00E-04	0.06711866	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05761305	1.00E-04	1.00E-04	1.00E-04
0.91546665	0.78359285	0.55427292	0.84269139	1.91907349	2.26778579	2.45953132
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2256293	0.53812291	0.12810057	0.10138602	1.00E-04	0.27580628	1.00E-04

0.4099255	0.73706156	0.82431796	0.49367865	0.75306685	0.34591941	0.54740915
5.1476573	5.18489349	4.9610157	4.97182629	5.08323714	5.10853328	4.80902487
1.00E-04	1.00E-04	0.2823519	0.41121921	1.00E-04	0.36686909	0.28991116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23819744	1.00E-04	0.05886286	1.00E-04	0.38639393	0.17016891
0.42641032	1.00E-04	0.06790371	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40284669	0.83920376	0.16380586	0.58012453	1.11076316	1.16453156	0.38499475
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05606911	0.09131136	1.00E-04	0.1839207	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15073214	0.15129361	0.17225936	1.00E-04	0.37047444	1.00E-04
1.00E-04	1.00E-04	0.23001138	0.11105888	1.00E-04	1.00E-04	0.66563746
1.00E-04	0.67176953	0.54928653	0.53071337	0.84141936	0.88361237	0.61355638
1.69724092	2.0784568	1.44839382	1.51174371	2.23234054	2.49391226	2.81582278
1.08311341	1.42088504	1.49644959	1.52903958	1.1925425	2.09058718	1.39192964
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.7936373	0.41446661	1.16486807
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17922381	1.00E-04	0.10908728	0.11382339	3.56424727	3.48102792	2.61145167
1.00E-04	1.00E-04	0.20008016	0.20925989	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14058497	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06593912	0.07251807	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22074923	1.00E-04
0.66807748	0.87684092	1.13392958	1.14650221	1.08699056	0.63412712	0.75103552
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.52944714	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26029171	1.00E-04	0.12331059	1.00E-04	1.00E-04	1.00E-04	0.35106062
1.00E-04	1.00E-04	0.05195362	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06778941	0.0827863	0.17008012	1.00E-04	1.05978178	0.44268346

1.00E-04	1.00E-04	0.20449487	0.3137461	1.10345699	1.00E-04	1.00E-04
1.00E-04	0.47457276	0.4855467	0.40303546	0.54258268	1.00E-04	0.5340897
0.36313683	1.00E-04	0.17516891	0.18724724	1.00E-04	1.00E-04	1.00E-04
0.35551	0.56582162	0.33659934	0.25952017	1.00E-04	0.36344352	1.00E-04
0.35771937	0.63194436	0.31553886	0.5440485	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06317611	0.09224827	0.06090234	1.00E-04	1.16219851	1.00E-04
0.85516179	1.16648684	1.02374012	1.03172873	1.1760233	0.27052208	0.19293133
1.95145305	2.24611476	2.58519573	2.77906444	2.17098062	2.3341209	2.24006172
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14635168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.38543471	4.51180592	4.22580545	4.11020726	3.53619399	3.77266611	3.31995902
1.00E-04	0.18344835	0.26311622	0.18545497	1.00E-04	1.00E-04	0.19686018
1.00E-04	1.00E-04	0.17321623	0.06489005	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2113676	0.04695642	1.00E-04	1.00E-04	0.13723188
1.00E-04	1.00E-04	0.03521976	1.00E-04	1.00E-04	1.00E-04	0.13723188
1.00E-04	0.04534268	1.00E-04	1.00E-04	1.00E-04	0.77126805	1.00E-04
0.44260503	0.40525546	0.03296269	0.37057061	0.79884428	0.18597055	0.2166229
1.17777603	1.67902619	1.5091056	1.55422825	0.38530742	2.00220416	1.25768189
0.22947295	0.85973903	0.07864713	0.1374556	0.30780692	0.34543859	2.0318001
0.24987489	0.58138947	0.18351147	0.52221126	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07820707	0.34079618	0.07486905	1.00E-04	0.65309618	0.49899785
0.27581034	0.13160671	0.08804529	1.00E-04	1.00E-04	1.00E-04	0.30880053
1.00E-04	1.00E-04	1.00E-04	0.10896378	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24738389	0.27613722	0.16999679	0.35750248	0.74924288	1.00E-04
1.75573915	1.7362917	2.32490378	2.5787494	1.56605249	2.36696342	2.80782652
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.781946	0.08011905	0.21089119	0.11573322	1.00E-04	1.00E-04	0.44726261
0.58646564	0.45691149	0.16767985	0.55467737	1.00E-04	1.14535943	1.00E-04
0.21325562	0.41021138	0.19247739	0.37284527	1.00E-04	0.77188983	1.00E-04
0.47508059	0.08147274	0.17018695	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34603826	1.00E-04	0.1419081	0.47394382	1.00E-04	1.00E-04	0.60302582
1.00E-04	1.00E-04	0.24795802	0.25392355	0.54065888	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17227424	1.44030503	1.06591183	1.15780863	1.7186446	1.28898851	0.36438603
1.00E-04	1.00E-04	1.00E-04	0.05890007	1.00E-04	1.00E-04	1.00E-04
0.29177977	0.83156703	0.67192535	0.55079111	1.00E-04	0.64955161	1.09443107
1.00E-04	0.28058483	0.03784061	0.13452662	1.00E-04	0.47045828	0.80420874
1.00E-04	1.00E-04	0.10190926	0.07251807	1.00E-04	1.00E-04	1.00E-04
0.48116736	0.74934413	0.69523671	0.49387587	0.61305258	1.00E-04	0.59533762
2.59764443	2.6054041	2.17841774	1.91205372	2.33257386	2.10087637	1.70732908
1.00E-04	0.39809283	1.00E-04	0.05782762	1.00E-04	0.6029921	0.39697583
1.00E-04	1.00E-04	0.04482026	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05234727	1.00E-04	1.00E-04	1.00E-04
0.55054798	0.41668466	0.26094403	0.17505953	1.04380687	2.67636323	1.31214446
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47299836	0.20727396	0.16167764	1.00E-04	1.00E-04	0.28482166
0.90576432	1.66000153	1.70545298	1.85916119	1.62072103	1.48067293	2.28686474
0.58127664	0.68566604	0.93230657	1.25398205	1.00E-04	1.53574391	0.49423288
1.87303279	2.7797653	2.39199654	2.65583522	1.14069698	1.60843698	1.8509646
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37848123	1.00E-04
1.00E-04	0.06771236	1.00E-04	0.28200056	1.08843419	1.0823227	0.2166229
1.00E-04	1.00E-04	1.00E-04	0.17132955	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23345537	0.17641934	0.17420227	1.00E-04	1.00E-04	1.00E-04
0.33080752	0.20355385	0.19960244	0.20473088	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98523945	0.618955	0.4334551	0.40814838	0.87446197	0.33014878	0.99520041
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09219397	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22858801	0.06776683	0.11460631	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02924646	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06223135	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10928113	0.25170754	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01813007	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37553328	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14835414
1.00E-04	1.00E-04	1.00E-04	0.19424188	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34271283	0.94078817	1.67810964	1.28546039	0.85401787	1.08600206	2.34218929
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12580234	0.23606632	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22634847	0.0601681	1.00E-04	0.32800835	0.32894003
1.00E-04	1.00E-04	0.43960277	0.40501842	1.00E-04	1.00E-04	0.85786734
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09300301	1.00E-04	1.00E-04	0.11699513
1.00E-04	1.00E-04	0.05323905	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.78415972	0.11660757	0.23149469	1.00E-04	0.85039257	0.22923262
1.00E-04	1.00E-04	0.07336143	0.10550371	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65116061	1.91118765	1.39816171	1.08886453	1.26236408	0.81279818	0.83729185
1.00E-04	1.00E-04	1.00E-04	0.03814544	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04667919	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4467981	1.32274446	1.39823208	1.76792801	0.9540912	0.66950072	0.64925371
1.00E-04	0.24840947	0.07055828	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.50771641	0.09628345	0.07518617	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05019864	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71390273	0.52052651	1.57898078	1.39616626	1.00E-04	0.97923057	1.8774673
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18926183	0.26403101	0.02938383	0.069801	1.00E-04	1.00E-04	0.23172291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.41601523	0.03196015	1.00E-04	1.04823799	1.00E-04	1.00E-04
0.2536722	0.94505087	0.37865539	0.28040262	1.00E-04	0.94241751	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12907532	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15919229	0.03107972	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30929074	0.14081317	0.19985823	1.00E-04	0.86323079	0.76928958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09989937	1.00E-04	1.00E-04	1.00E-04
0.47021875	1.00E-04	0.14352761	0.09278078	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26009665	1.00E-04	0.27645126	0.20881028	1.00E-04	1.00E-04	0.2166229
1.00E-04	1.00E-04	0.05755694	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71199652	0.11715142	0.19827356	0.50894684	1.00E-04	0.09464396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26613576	0.19174322	1.00E-04	0.28215124	1.00E-04
2.4036747	2.65694788	2.94027152	3.1095406	2.15991405	2.71788044	2.95754013
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04404959	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.21383266	0.48441696	0.94077875	0.9256546	1.00E-04	0.22939333	0.09464396
3.41055922	3.90610044	4.69383029	4.64591454	1.27490566	2.8183426	2.66114293
0.3046061	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66182821	1.00E-04
1.31172041	1.59697743	1.29195785	1.3546934	2.60358968	1.52963041	0.8787364
1.00E-04	0.18777239	0.07289155	0.37816267	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.44391717	0.17813047	1.00E-04	1.00E-04	0.23893483
0.21325562	0.28735595	0.10033514	0.25100597	1.00E-04	0.67406401	0.44395154
1.00E-04	1.00E-04	1.00E-04	0.13099044	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.317226	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40022499	0.45700665	0.58534129	0.35045923	1.00E-04	0.58134671	0.55107861
1.00E-04	0.21939245	0.04367056	0.05821306	1.16954757	1.00E-04	1.00E-04
0.22248093	1.00E-04	0.03657494	0.13421674	1.00E-04	0.06695938	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38339391	1.00E-04	0.05434706	0.09299821	1.00E-04	1.00E-04	1.00E-04
0.21383266	0.61163291	0.38039459	0.29317152	1.00E-04	0.53967595	0.2166229
0.23582726	1.00E-04	0.13385743	0.12579456	1.00E-04	0.27606067	1.00E-04
1.00E-04	1.00E-04	0.23825824	1.00E-04	1.00E-04	0.52131762	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12419806	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24185399	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14258919	0.98510749	0.91998264	0.91014096	0.38091442	0.67569099	0.55236877
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07817868	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67105398
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29603505	0.0889263	0.12461212	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.82106367	1.00E-04	0.06563683	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13449763	0.32306481	0.57417079	0.69957662	0.40752836	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0497478	1.00E-04	1.00E-04	1.00E-04
0.16166602	1.24461332	0.7589381	0.50227459	1.00E-04	1.00E-04	1.00E-04
0.36856528	0.51996216	0.26019963	0.27178622	1.00E-04	0.40848101	1.00E-04
1.9270026	1.47849192	1.80303411	2.07217356	0.47257629	0.95065631	0.48064428
1.00E-04	0.21693998	0.03597334	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.53282384	2.26009769	1.75945223	1.99890679	3.04207374	2.56439819	2.04966143
1.51082773	1.74798618	1.55489093	1.39477812	1.34756342	1.84568833	2.32483783
0.34058254	0.07485971	0.13234247	0.04690127	1.00E-04	0.21439207	1.00E-04
0.51918389	1.00E-04	0.16206673	0.12925251	1.00E-04	1.00E-04	1.00E-04
1.69247354	1.28151212	1.8545657	2.04253784	2.05248024	1.51131158	1.55975604
0.59826412	0.51143632	0.35072804	0.4128357	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.05509192	1.00E-04	1.00E-04	1.00E-04
0.24487091	0.60302946	0.28533455	0.34628389	1.22388222	0.83045712	0.40163159
1.00E-04	0.33748237	0.95264777	1.16466815	1.00E-04	1.00E-04	2.18312227
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24487091	1.00E-04	0.06266277	0.06604011	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09799737	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3467167	0.09519583	0.04996122	1.42613936	0.50170541	1.45283499
1.98166409	2.19160025	1.35602758	1.60996835	0.54050558	0.4473159	0.42054087
1.00E-04	1.00E-04	1.00E-04	0.04875848	1.00E-04	0.65242452	0.23417279
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46663354	0.95326297	0.56651477	0.56057515	1.00E-04	1.6098404	0.07440699
1.00E-04	0.10819332	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38262809	1.00E-04	0.09218238	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.85024732	0.57375559	0.72522196	0.34492066	1.79671454	1.22684369
1.80059756	1.7165005	1.31257559	1.55801585	1.33828575	1.14871826	0.82313956
0.23109052	0.51723313	0.22531412	0.25533485	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33031998	0.63609822	0.377333	1.00E-04	1.28927203	1.00E-04
1.71632497	2.26385377	1.84915488	1.86584964	1.26900238	1.71162458	1.33921843
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7897249	0.07621874	0.26616846	0.43090184	1.00E-04	0.40090191
1.00E-04	1.00E-04	0.06739238	0.16270303	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67601247	0.69373168	0.39168684	1.00E-04	0.92057552	0.97690501
1.00E-04	0.17357925	0.57228697	0.58285013	1.00E-04	1.03714618	1.1846136
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1846233	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10531498	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60388659	0.30234602	0.38013524	0.26769888	1.00E-04	1.2173694	1.00E-04
0.56443453	0.22843273	0.18287328	0.37232398	1.00E-04	1.00E-04	0.27477876
0.12498368	0.42814715	0.16195519	0.03734035	1.2207191	2.22877771	1.7550682
0.12498368	1.00E-04	0.05207542	0.11320424	2.74154894	2.34432925	2.15779156
0.38645035	0.27637341	0.06487343	0.31594641	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76736928	1.56795712	1.8714177	1.9582209	0.63583153	1.13930768	1.27893174
1.00E-04	1.00E-04	1.00E-04	0.12381598	1.00E-04	1.00E-04	1.00E-04
1.40138796	1.21674725	1.00223773	1.20977447	1.00E-04	0.4365454	1.39351583
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1466407	0.48656449	0.63198667	1.00E-04	0.74487788	0.28482166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.94926333	0.9965924	0.88430077	1.00768098	0.70997801	1.16978559	0.41867532
0.20887487	1.00E-04	1.00E-04	0.03875899	1.00E-04	1.00E-04	1.00E-04
0.32260198	0.45366783	0.14229535	0.09350161	1.00E-04	1.13466584	0.13866036
1.00E-04	1.00E-04	0.1449556	0.14039626	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.42220093	0.12831993	0.41794286	0.89766277	0.92756312	1.75040154
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.51556887	1.00E-04
1.00E-04	0.17070607	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16443023	0.10898598	0.31904126	1.00E-04	0.21159524	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.768034	1.05966942	0.78644456
1.10370355	1.20252287	0.47265153	0.6777738	0.78094411	0.27972467	0.62090167
0.51456811	0.10819332	0.41453381	0.38784676	1.00E-04	1.00E-04	0.11699513
3.27203245	3.25376473	3.07287089	2.83590892	3.44672398	3.30241127	2.80265841
1.00E-04	1.00E-04	0.06582614	1.00E-04	1.00E-04	1.00E-04	0.37001647
0.34820011	1.00E-04	0.13469329	0.05086126	1.00E-04	1.00E-04	1.00E-04
1.82949103	1.31330758	1.48967893	1.95055514	1.71678849	1.06516852	2.00375941
1.00E-04	0.23248674	0.04619023	0.16713331	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04622198	1.00E-04	0.78440785	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60914627	1.00130299	0.92819605	1.21820802	1.8387813	1.90427212	1.56647793
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12498368	1.00E-04	0.12684473	1.00E-04	1.00E-04	1.00E-04	0.80429498
1.00E-04	1.00E-04	1.00E-04	0.06245385	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28545757	0.65543563	0.84755227	2.16835036	1.81607119
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47963369	0.52676216	0.38321756	0.24871571	1.00E-04	1.00E-04	1.30449243
1.00E-04	1.00E-04	1.00E-04	0.04676004	1.00E-04	1.00E-04	0.3329872
1.00E-04	0.19122029	0.22557869	0.22266524	1.00E-04	0.71932464	0.78488783
1.00E-04	1.00E-04	0.02765879	0.05282214	1.00E-04	0.38639393	1.00E-04
1.00E-04	1.00E-04	0.04415081	0.13501807	1.00E-04	1.00E-04	0.29945792
1.87637211	2.53020597	2.26341555	2.25730678	1.85361096	2.17617992	2.48091077
1.00E-04	1.00E-04	0.0643765	0.07252852	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22725048	0.22673829	1.00E-04	1.00E-04	0.30302762
1.91130656	2.33494321	2.05781619	2.23571296	1.1550353	2.21637694	1.4301977
0.26060442	0.15462277	0.12389728	0.11121296	1.00E-04	1.00E-04	0.34861727
0.10114823	0.7456947	0.2671765	0.3201727	2.19671113	3.59781188	3.07359325

0.65013317	0.842869	0.632299	0.36218708	1.00E-04	1.00E-04	0.20885945
0.39662195	0.49378436	0.64128047	0.82407232	1.00E-04	1.00E-04	0.80367327
0.83222241	0.99893547	0.83674252	1.07773143	1.00E-04	1.00E-04	0.4189923
0.48268727	1.46092001	0.6591003	0.85154159	1.00E-04	1.00E-04	0.52336662
0.32848279	0.29830938	0.53835304	0.42933674	1.00E-04	1.29093234	1.00E-04
0.46220179	0.28249894	0.23406649	0.41654902	1.00E-04	0.25930142	1.00E-04
1.00E-04	1.00E-04	0.29557268	0.21686541	1.00E-04	1.00E-04	1.00E-04
2.24164357	2.91084784	3.16204344	3.47646916	2.59730846	2.62058197	3.18995466
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15452825	1.00E-04	1.00E-04	1.00E-04	0.74332227	1.00E-04
2.07896304	2.43854253	2.5366928	2.63412185	2.53488586	2.5121271	2.72832039
0.49268336	1.00E-04	0.28256708	0.14197957	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.12687218	0.05328124	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52073962	0.57492528	0.38791953	0.2167451	1.53063044	1.52983729	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29972667	0.13985144	0.20060589	0.74910948	0.3924612	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08070779	1.00E-04	0.30606628	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35580162	1.00E-04
0.500178	1.00E-04	1.00E-04	0.06513202	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88764615	1.62633771	1.59988859	1.76057836	1.71121297	1.1704952	0.44612471
0.38484894	0.11000415	0.19628493	0.43106308	0.49775343	1.00E-04	0.31424664
1.00E-04	1.00E-04	0.10185928	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29321157	0.56204436	0.38100453	0.09445125	1.00E-04	1.00E-04	1.00E-04
0.68378356	0.75256665	0.34990359	0.30463296	1.00E-04	1.00E-04	1.00E-04
0.16688762	0.36412468	0.63627323	0.30465835	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05782762	1.00E-04	0.87525542	1.00E-04
1.00E-04	0.24871594	0.27203232	0.04936124	0.41241033	0.2210583	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08031342	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31394048	0.82794128	0.4829471	0.38667329	1.00E-04	1.00E-04	1.0019714
0.8402407	1.13801763	0.49282447	0.5207868	1.16540847	0.69893634	1.00E-04
1.00E-04	0.13407505	0.41293556	0.3942058	1.00E-04	1.00E-04	0.50706663
1.00E-04	0.76774278	0.56159896	0.87012491	0.84840873	1.00E-04	0.53213879
2.02059212	2.20657532	2.44054826	2.54892763	1.98823511	2.1554253	2.58825291
1.00E-04	0.05651393	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08319824	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04601337	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22302936	0.44704014	0.20888928	1.00E-04	1.00E-04	0.10785897
1.00E-04	1.00E-04	0.05458972	0.10200033	1.00E-04	1.00E-04	1.00E-04
0.67791752	0.56158916	0.47003711	0.64561811	0.65609135	1.05529791	1.00E-04
0.21749776	0.61844067	0.44413051	0.36854233	1.00E-04	0.48931103	0.7991474
1.00E-04	1.00E-04	1.00E-04	0.04898922	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13071458	0.1605127	1.00E-04	0.22074923	1.49940616
1.70081326	2.18927172	1.89907101	2.15764018	2.44816457	2.21034061	2.38356009
1.00E-04	1.00E-04	1.00E-04	0.07731343	0.43090184	0.38639393	0.37001647
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.74822453	1.00E-04	1.00E-04
0.464358	0.14313999	0.90724002	0.95609613	1.00E-04	0.18597055	0.62101477
0.70550563	0.96936637	0.56716576	0.46253726	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05947894	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1466407	0.078638	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14282873	0.88974628	0.13632327	0.03485412	1.00E-04	1.23072615	0.88619371
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05233778	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21475715	1.00E-04	0.18952622	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07512882	0.06429292	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05483253	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07328274	0.03131999	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06778941	1.00E-04	0.07763564	1.30369071	0.5254792	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49230382	1.00E-04	0.04082088	0.1191349	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25385769	1.00E-04	0.67328096	0.70285442	1.00E-04	0.66776439	0.30631903
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11083958	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5255048	1.00E-04
1.00E-04	0.41362017	0.2352573	0.26190599	0.45889659	0.61446515	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05624494	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6287292	0.30063203	0.81784928	0.85058984	1.00E-04	0.73708217	1.04751468
1.00E-04	1.00E-04	0.04964276	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3141684	1.00E-04	0.10357881	0.1582924	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05305151	0.98933375	1.62282792	1.17005878	2.30738363	1.42768191	2.42970668
1.00E-04	1.00E-04	1.00E-04	0.06399846	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1846233	0.37350039	0.03847933	0.23960449	1.09288526	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11220483	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26570255	0.1696153	0.07992289	1.00E-04	1.00E-04	0.40593783
1.00E-04	1.00E-04	1.00E-04	0.06700601	0.40912496	1.00E-04	0.19293133
0.36229845	0.58792765	0.29779286	0.48003588	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21345302	0.39783994	0.36881838	1.03337828	1.58801561	1.00E-04
1.00E-04	1.00E-04	0.17220544	0.04762042	1.00E-04	0.58732198	1.00E-04
1.00E-04	0.06489235	1.00E-04	0.06523845	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05892491	1.00E-04	1.00E-04	0.13785291
1.00E-04	0.30844459	0.0869938	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08250155	0.06882117	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68689835	1.92113128	2.05380164	2.40930815	1.49209714	2.67740832	2.57074519

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71670413	0.27941651	0.4718007	0.40892693	1.00E-04	0.28241755	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47394668	0.04046472	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85327811	1.00E-04	0.56783307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.35834087	0.17956108	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04418707	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47409749	0.87348928	1.08887487	1.07694717	0.8939157	1.30148911
1.00E-04	0.44493087	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53246868	0.47933702	0.3778344	1.00E-04	1.00E-04	0.48497785
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13599055	0.41785038	0.37301846	0.46015133	1.04823799	1.05304113	0.52292019
0.30744475	1.04293558	0.69872341	0.81399314	1.20978918	1.00E-04	1.42725004
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.72321834	1.01475155	0.99146256	0.9358545	1.11991017	1.00E-04	0.30296102
1.00E-04	1.00E-04	1.00E-04	0.2462928	1.00E-04	1.00E-04	1.00E-04
0.18926183	0.18494396	0.3640098	0.59080971	1.00E-04	0.73424767	0.47691796
0.32932968	0.90822684	0.39423854	0.42376069	1.00E-04	0.96422979	0.24851266
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26403101	0.19884494	0.36381822	1.00E-04	1.00E-04	1.00E-04
0.54030963	0.12648973	0.03173768	0.07464904	0.42197018	0.27606067	0.40593783
1.28357982	0.64929382	0.90730462	1.04946183	1.00E-04	0.84286388	0.87791352
1.13289558	0.8310832	0.78310328	0.90513989	0.50488113	1.00E-04	0.80783446
1.00E-04	0.20088417	0.18854767	0.14489671	1.00E-04	1.00E-04	0.24295541
1.00E-04	0.71943951	0.54315145	0.2248186	1.00E-04	1.39645548	0.4354626
0.54193853	0.93911455	0.91219365	0.44351117	0.79995753	0.53199322	0.72704727
1.00E-04	0.20237072	0.09842101	0.1583699	1.00E-04	0.11466061	0.2733509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03196015	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.23251313	0.17041824	0.46181338	0.55635624	0.52474525	1.00E-04	0.3392339
1.00E-04	1.00E-04	1.00E-04	0.04768541	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53396317	0.1442702	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50582032	1.00E-04	0.21894484	0.13383394	1.00E-04	0.86820275	1.00E-04
1.39922278	1.66621315	1.49534468	1.85302446	0.8723182	1.69484146	2.14064925
1.00E-04	0.33366727	0.18260921	0.30597876	1.00E-04	1.00E-04	1.00E-04
0.43129175	0.67788178	0.51387106	0.704432	1.00E-04	1.00E-04	0.30959015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27052208	1.00E-04
1.00E-04	1.00E-04	0.09390612	0.29658776	1.00E-04	1.00E-04	1.00E-04
0.47950312	1.39418125	1.00500233	1.11195862	1.68868211	1.00E-04	1.68407265
1.00E-04	0.39277692	0.26959096	0.41907632	1.00E-04	0.31666865	1.00E-04
0.44599284	1.00E-04	0.03911722	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21967902	0.05522865	0.0691276	1.00E-04	1.00E-04	1.00E-04
0.3748346	0.38168966	0.41014217	0.30453623	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03637218	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66226057	0.59134131	0.96255018	1.12770751	1.08792019	0.27093829	1.04502261
0.21930883	0.78541209	0.37624881	0.86496715	1.00E-04	1.00E-04	0.53523136
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58609372	0.63964843	0.56428821	0.47608563	0.69785089	1.00E-04	0.42953491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.8909724	3.48436704	3.48663492	3.50770456	3.69352543	4.36453178	4.43640307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13353489	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21160933	0.41491344	1.00E-04	0.57028545	1.00E-04
0.53691598	0.67462242	0.59089785	0.62942829	1.15301534	1.00E-04	0.19482141
1.15280994	1.33189714	0.89746005	0.87193978	0.90465972	2.13138771	1.28760881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34765124	1.47483779	1.1634662	0.82996304	1.38724774	2.15436827	1.76041505
2.26304104	2.2292313	2.15870767	2.15489607	2.4589173	3.14885152	2.23216641
1.00E-04	1.00E-04	1.00E-04	0.05845657	1.00E-04	1.56953173	1.18784713
1.60285645	1.86534984	2.21150966	2.26321296	1.00E-04	1.73391085	1.57346809
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26842597	0.58118231	0.19184603	0.40078372	0.60156552	1.00137725	0.22600323
1.00E-04	0.48494046	1.00E-04	0.04856364	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.5781681	1.42612395	0.79776653	0.65998855	1.19880472	1.93530868	0.95036387
1.00E-04	1.00E-04	0.13090137	0.05184238	1.00E-04	1.00E-04	0.4824001
1.00E-04	0.16143682	0.24902696	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05387893	0.24103111	1.00E-04	1.00E-04	1.00E-04
1.26548238	0.57003387	0.30256275	0.24589047	1.670166	0.89702203	0.42126757
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24682006	0.21559602	0.19962263	0.09603177	0.40674922	0.34352872	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.30556666	0.56170741	0.67293361	0.90026005	0.74910948	0.44220768	0.28482166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07314931	0.09382609	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.39163025	3.55305998	3.53646105	3.21304582	3.17266188	2.73113878	2.62689085
0.20795065	0.271967	0.30996299	0.1569906	0.51102197	0.06695938	0.92836463
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54050558	0.36471294	1.00E-04
4.09766652	4.16989432	3.70967681	3.45348057	3.85581736	3.94560426	3.57454549
0.97440381	1.11579472	0.46721787	0.61708407	2.22103157	2.54402814	2.33807948
0.39149292	1.00E-04	0.06654279	0.04477508	1.00E-04	0.47083282	1.00E-04
1.00E-04	0.70424304	0.09196357	0.22293475	0.90766163	0.31559802	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.6403651	1.07947416	0.25467683
1.63897323	2.76250327	2.42580472	2.64965764	1.5250582	1.73594797	2.44496712
1.76866985	1.95765746	2.27027985	2.26309675	1.63682705	2.54219475	2.60706199
0.21930883	0.06489235	0.32500039	0.3274652	1.54252291	1.85471099	1.96533396
1.00E-04	1.00E-04	0.05738501	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19804455	0.03818438	1.00E-04	0.34492066	1.28176619	0.6170363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34492066	0.491838	0.82272257
0.94499007	1.44229026	0.71880103	1.16643212	1.43240845	1.08405378	1.25211131
0.35803037	1.44491693	1.10009653	0.73613655	1.00E-04	1.25722054	0.1989351
1.00E-04	0.1957035	0.04489507	0.34540953	1.14040372	1.24911072	0.42890292
1.00E-04	0.28739561	0.54717519	0.54734482	1.00E-04	0.37047444	0.16439448
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49555392	1.00E-04
1.63343043	1.559395	0.93279892	1.42601504	1.00E-04	0.1839207	0.72263111
1.00E-04	1.00E-04	1.00E-04	0.0813185	1.00E-04	1.00E-04	1.00E-04
0.4464704	0.05700051	0.19560996	0.13997538	0.38091442	0.4284064	0.84807957
0.21325562	0.9374837	0.7743911	0.56061442	1.53898014	1.11059692	0.65178595
0.23251313	0.46748723	0.76025941	0.81635612	1.70847451	1.33347106	2.28411936
0.8224966	1.00E-04	0.0599964	0.23515627	2.31167861	1.49352628	0.96811261
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37476637	0.08625463	0.20308626	1.88221136	1.00E-04	1.00E-04
0.29861916	1.00E-04	0.07406353	0.05299239	1.00E-04	1.00E-04	1.00E-04
0.96079545	0.86438562	1.32722407	1.70481666	1.00E-04	0.76317118	0.74421191

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11145678	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07360984	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04688312	0.10357541	1.00E-04	1.00E-04	0.11491268
0.60998687	0.68017882	0.25549993	0.31932377	1.00E-04	0.0838544	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49770235	1.00E-04	0.20522387	0.12950699	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11491268
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29321157	1.00E-04	0.05444882	1.00E-04	1.00E-04	1.00E-04	0.99237836
1.00E-04	1.00E-04	0.05632744	0.08884316	0.71649841	0.832634	0.21591061
1.46091025	1.89308841	1.73571179	1.82545143	1.32457871	1.42879094	1.00438752
2.59727023	2.88279743	3.16456131	3.71849332	2.04994419	2.63571245	3.44958106
1.04971577	0.19014044	0.82608558	0.52123344	1.00E-04	0.58826636	0.54728765
0.23592334	0.21967902	0.04715381	0.19981371	1.00E-04	0.25871909	1.00E-04
1.00E-04	0.21175139	0.07021476	0.16243015	0.54065888	1.00E-04	0.32599971
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29114248	0.10041887	0.20717365	0.32895448	1.00E-04	1.00E-04	0.49641187
0.94441092	0.85613572	0.43000472	0.50060521	1.00E-04	1.48163125	1.00E-04
0.62292072	1.1506847	1.11895343	1.28705033	1.00E-04	1.28774078	1.82693515
0.43991557	0.38430337	0.87328399	1.04861681	0.50894684	1.07846878	0.38286788
1.40658246	1.783064	1.36515749	1.07529212	0.74910948	0.720061	0.37440717
0.83620207	1.75654422	1.49859164	1.57569013	1.25960467	1.22348511	1.25270876
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.59305868	0.73721948	1.85622955	1.94934151	1.93537072	1.94671277	2.69378844
1.00E-04	1.00E-04	0.07652143	1.00E-04	1.00E-04	0.85261823	1.00E-04
1.00E-04	1.00E-04	0.08747496	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23118277	1.00E-04	0.08471868	1.00E-04	1.00E-04	0.22057069	0.2166229
1.00E-04	1.00E-04	1.00E-04	0.07233037	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06228911	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06421905	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.0329829	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3443831	1.00E-04	1.00E-04	0.16789793	1.44125885	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03649215	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05147636	1.00E-04	1.00E-04	1.00E-04	0.07440699
1.00E-04	0.1646713	0.05954478	0.05655222	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25504687	0.18218514	0.85947877	1.26567263	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.77179495	0.64906509	0.80988248	1.0139123	1.53293555	1.3511417
1.00E-04	1.00E-04	1.00E-04	0.05706023	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39072813	0.15737681	0.12032207	1.00E-04	1.00E-04	1.00E-04
0.86539295	0.91954255	0.39056993	0.50718605	1.00E-04	0.78421601	1.00E-04
1.00E-04	0.63134844	0.31912212	0.39647436	1.00E-04	0.93195152	0.30893958
1.00E-04	0.43071106	0.1102423	0.13986547	1.00E-04	1.00E-04	1.00E-04
0.23269999	0.18693847	0.39516764	0.25975883	1.00E-04	0.55654531	0.20674441
1.00E-04	1.00E-04	0.08573624	0.24311013	1.00E-04	0.22956947	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05291214	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.12026579	0.28481392	0.8030847	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21365094	0.12940971	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23172291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28742455	0.07485971	0.38314128	0.04475357	1.00E-04	1.00E-04	1.00E-04
0.8453137	0.82937771	1.0756698	0.87817246	0.68010066	1.04367536	1.01207436
1.00E-04	1.00E-04	0.03125464	0.05926226	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27138722	0.04512856	0.06307404	1.00E-04	1.00E-04	1.00E-04
0.44669194	0.23819744	0.4813859	0.26340302	1.00E-04	1.00E-04	0.21969743
1.00E-04	0.53820018	0.35022109	0.50069166	1.32889658	1.00370485	1.17482633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06621223	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59240792	1.00E-04	0.05790389	0.07486905	1.00E-04	0.78149047	1.00E-04
1.00E-04	1.00E-04	0.41279863	0.34615069	1.00E-04	0.24764169	0.34246417
0.12130432	0.90822223	0.101685	0.1930452	0.44340029	0.64594566	1.00E-04
1.00E-04	1.00E-04	0.23623901	0.09089747	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.1815633	0.40886526	0.30878015	1.00E-04	1.00E-04	0.24554172
1.03281425	0.39450343	0.68497472	0.82284339	1.00E-04	1.00E-04	0.32061292
1.00E-04	0.13860286	0.05630385	0.08495309	1.00E-04	0.98509435	1.13070448
0.18926183	0.4917122	0.63469151	0.81131965	0.45889659	0.43070808	1.00E-04
0.56700512	0.43178	0.71845535	0.64473963	1.00E-04	0.3864732	1.12771408
0.50538879	0.60327925	0.58694557	0.3545517	1.09322281	0.95358702	0.91029225
0.29490836	0.15807967	0.05563728	0.22097822	1.00E-04	1.00E-04	1.00E-04
0.99739059	1.18941484	1.22884679	1.37749861	0.54828133	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45271275	1.00E-04	0.06509325	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97673558	0.10640763	0.42008349	0.40801618	0.51366621	1.00E-04	0.35317396
0.76991476	0.52208657	0.80195153	0.47743905	1.00E-04	1.47288346	0.74351734
0.40806748	0.55112941	0.52549257	0.71962595	1.23058514	0.27972467	0.70465015
1.00E-04	1.00E-04	0.11084902	0.13483404	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14842698	0.1866368	0.04205358	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19326913	0.4705617	1.00E-04	0.49212026	1.00E-04
0.6202579	0.45281961	0.36511763	0.2973405	0.41241033	1.00E-04	0.79160172
1.00E-04	1.11312311	0.69455592	0.79990898	1.00E-04	0.91692261	1.29125353
1.00E-04	0.30537047	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74686164	0.38790339	0.88382702	1.03183369	0.51366621	0.70713542	1.28129755
1.00E-04	1.00E-04	0.3058123	0.12545348	1.00E-04	0.42698816	1.00E-04
0.48267643	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20839209	0.10785897
1.00E-04	1.00E-04	1.00E-04	0.04416663	1.00E-04	1.00E-04	1.00E-04
0.99100284	0.89429803	1.50374535	1.31656445	1.29007563	0.96669579	0.98792907
3.66758709	3.76890761	3.58668102	3.75107132	3.3657683	3.30195624	2.66631016
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17067725	0.17709349	0.24734754	1.00E-04	0.39240942	0.1989351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40674922	0.42442279	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91742873	1.5006851	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.43064142	0.98970773	1.00E-04	0.5621287	0.74235283
0.63157931	0.47322494	0.55006636	0.45058146	1.00E-04	0.14310979	0.17349997
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16220814	0.29266241	0.10651733	0.28875262	1.16381838	0.52947541	0.13723188
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4738213	1.00E-04	0.08351831	1.00E-04	0.14939575	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.44490297	0.6881931	0.63987507	0.55469991	0.78234266	1.00E-04	1.00E-04
1.00E-04	0.35045008	0.10652366	0.1435853	1.00E-04	1.00E-04	0.34861727
1.00E-04	1.00E-04	0.15729357	0.06690975	1.10847944	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11718444	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74006697	0.61456509	0.65248564	0.6228979	1.03337828	1.10677788	0.38676995
0.23395345	0.60718846	0.15038583	0.12736225	1.00E-04	0.43712087	1.00E-04
1.00E-04	0.61293454	1.04156053	0.96236282	1.00E-04	0.41390915	1.08058945
1.00E-04	0.45675065	0.45115251	0.5403899	0.86518274	0.76083558	0.5191454
2.2355066	1.90385616	1.98508593	2.07896138	1.42160891	2.01433821	2.01783305
1.55210467	1.03263471	1.66458007	1.74320564	1.00E-04	1.00E-04	1.21167297
1.00E-04	1.00E-04	0.2485334	0.31682729	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02604918	1.00E-04	0.4683059	1.00E-04	1.00E-04
1.00E-04	0.47255671	0.15723239	0.20073624	1.00E-04	1.00E-04	1.00E-04
0.50798843	1.19381223	1.13210546	1.19139775	1.00E-04	0.18597055	1.00E-04
2.28255481	1.9344958	2.14627152	1.90418407	1.00E-04	1.00E-04	0.33758991
0.6287292	1.00E-04	1.00E-04	0.10759592	1.00E-04	0.45109589	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0676385	1.00E-04	0.83559193	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54984196	0.71894701	0.77418509	0.38011319	1.5423178	1.43998802	1.46077617
1.00E-04	1.00E-04	0.03419455	0.03169284	1.00E-04	1.00E-04	0.15149617
0.28790199	0.36433137	0.10676791	0.42560428	0.43090184	1.00E-04	1.38247131
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15372177	1.68926291	1.27563928	1.16733642	1.3793222	1.81165963	1.64402213
0.55135611	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83464619	0.96503237	1.01884385	1.30445623	1.58545866	1.24292242	1.9330361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60555279	1.0702969	0.4644185	0.45371538	1.01387977	1.79147934	0.16909838
1.00E-04	0.04336477	0.08549827	0.07987719	1.00E-04	1.00E-04	1.01361705
1.94679729	2.88457551	2.72084729	2.74564215	2.08363396	2.14494787	2.47014312
1.00E-04	0.50899941	0.38222232	0.87571279	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08068762	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34938053	1.00E-04	0.03621549	0.11565073	0.77967354	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14608996	0.19516606	0.24562404	1.00E-04	0.83620644	1.00E-04
0.24363413	0.64726389	0.30686922	0.32544244	0.59189493	0.78393008	1.00E-04
1.73232602	2.20877539	2.05055712	2.21750722	1.61429575	2.74162741	2.00003519
1.00E-04	1.00E-04	1.00E-04	0.05163169	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04463433	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.84405132	0.68769524	0.88320263	1.6791055	0.59973907	1.00E-04
0.23118277	0.33102733	0.10656601	0.10651423	1.00E-04	0.35396877	0.81302828

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.36665807	0.20269014	0.10387606	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03654513	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39149292	0.89112576	0.7413569	0.50322506	1.00E-04	1.00E-04	0.50814514
1.00E-04	0.04733209	0.08479308	0.04975666	1.00E-04	1.00E-04	0.13785291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66406456
1.00E-04	0.4133762	1.00E-04	0.26328447	1.00E-04	0.34850681	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06994076	1.00E-04	1.00E-04	1.00E-04
0.23109052	0.82850913	0.54176986	0.68504533	1.00E-04	0.28883144	1.00E-04
1.00E-04	1.00E-04	0.07173005	0.08184253	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06534523	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.40048095	1.75948121	1.35652852	1.56819549	1.5676736	1.58983293	2.32049002
1.00E-04	1.00E-04	0.08445258	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.02638349	1.00E-04	1.00E-04	0.15942843
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6216068	2.25315402	1.98592533	2.11582919	1.3950026	1.9211249	1.85235239
1.00E-04	1.00E-04	0.09515381	0.05116853	1.00E-04	1.00E-04	0.39317829
2.34811526	2.19157708	1.97845143	2.08120954	1.43155903	2.13535986	1.756197
0.58009104	0.69067525	0.63575013	0.76024412	1.00E-04	0.1982747	1.33543876
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09041812	1.50134157	1.24622114	1.16746933	1.00E-04	1.57542511	1.06956415
0.98436542	0.79776193	1.0099377	1.06657272	1.00E-04	0.62075894	1.00E-04
1.37099488	1.760639	1.02895429	0.65443053	0.77042044	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.46948231	0.3742337	1.00E-04	1.00E-04	1.13870322
0.8189741	0.13641547	1.27295139	1.30217734	1.00E-04	1.26157709	1.40757153
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18420754	1.52626708	1.39769198	1.00597292	1.00E-04	1.05718831	1.58310588
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.66070553	1.00E-04	0.0440761	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20893153	0.05876385	0.54370492	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99061129	0.77225148	0.55842253	0.63307758	1.00E-04	1.26010384	0.11699513
1.00E-04	1.00E-04	0.14502014	0.0557958	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22476835	0.14733226	0.18694003	1.00E-04	0.30082489	1.00E-04
1.00E-04	0.45950369	0.5087627	0.56421354	1.00E-04	0.65477437	0.3660175
0.36297282	0.71766019	0.7992695	0.8789721	0.50894684	1.00E-04	0.96428542
1.2880197	1.01490012	1.1935712	1.44520866	0.6627562	0.35621081	0.67105398
1.54122171	2.13690884	1.94515628	1.66156522	2.50676158	2.3801065	3.35308631
1.00E-04	0.0644423	1.00E-04	0.16083574	1.24825534	1.00E-04	1.65845907
1.00E-04	1.00E-04	0.03119664	0.04381356	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.13439449	0.0452096	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.28655293	1.00E-04	0.55622895	1.00E-04
0.88752642	1.18448632	0.76022114	0.7855719	0.50488113	0.64698795	1.00E-04
3.13586537	3.83495638	3.07325004	3.14911033	3.52283676	3.94902287	3.41548746
1.51718309	1.64059857	1.3949221	1.38694216	0.91479174	1.97444556	0.87136816
1.22386267	1.45506351	0.91432364	0.6059074	1.49786734	1.69303958	1.00E-04
1.00E-04	1.00E-04	0.05171389	0.15735336	1.00E-04	0.59690854	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29688924
1.11385982	0.87191214	0.44027108	0.51991165	0.85739904	1.43291173	0.27658511
0.32260198	1.00E-04	0.06623142	0.05086126	1.00E-04	1.00E-04	1.00E-04
9.38181319	8.05670971	8.14821345	7.65893891	9.91446725	8.03905705	8.18533841
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7291976	0.48071523	0.1630094	0.2613521	1.00E-04	1.00E-04	0.98586826
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02412435	0.09317358	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56650422	1.0032008	1.13146291	0.86141311	0.83879487	1.00E-04	0.64054567
1.00E-04	0.42196765	0.07619618	0.05614325	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41269361	0.9871481	0.72399242	0.47761164	0.95439799	0.71632407	1.00E-04
0.26681589	0.54780222	0.43982007	0.34054579	1.00E-04	0.16158638	0.84026068
1.00E-04	1.00E-04	0.40712484	0.49298653	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3671366	0.04680102	0.06831644	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0297642	0.12090589	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25100769	0.06512478	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04173932	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09289015	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22983425	0.06791796	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28673975	0.33356622	1.00E-04	1.00E-04	0.82578734
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04959699	0.04762042	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06542172	1.00E-04	1.00E-04	1.00E-04
0.21097841	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.329924	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29096947	0.18270752	0.16833422	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06487343	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12790874	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03765726	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02364307	0.04047639	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03654513	0.0792429	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1010126	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.42249793	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3677014	1.00E-04	0.04056633	0.08869045	1.00103368	0.4542793	1.00E-04
1.00E-04	1.00E-04	0.12152475	1.00E-04	0.69158286	1.00E-04	1.00E-04
1.74216358	0.55144433	1.88288778	1.30277532	1.96380655	1.57710539	1.96947791
1.00E-04	1.00E-04	0.10862177	1.00E-04	1.00E-04	1.00E-04	0.39041828
2.07153812	1.80658418	1.76191779	1.42039016	2.67979306	2.43847255	2.72495895
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71095342	0.64205537	0.3235199	0.11468657	1.00E-04	0.21702837	0.37328265
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11565659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07015145	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10070155	0.07680342	1.00E-04	1.00E-04	1.00E-04
1.77636719	1.66618175	2.1887186	1.95234241	1.908475	2.8134413	2.76647062
1.00E-04	0.13864085	0.04665491	0.34531452	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36622624	0.35554251	0.32197654	0.33595317	1.15093088	1.00E-04	1.00E-04
0.30573545	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06442277	1.00E-04	1.00E-04	1.00E-04	0.70822171
0.42638602	0.23881798	0.26078344	0.32150336	0.48060496	0.7698151	0.92554695
1.00E-04	1.00E-04	0.03703824	0.06296037	1.00E-04	0.35644762	1.00E-04
1.00E-04	1.00E-04	0.0577795	0.08276375	1.00E-04	0.42606835	0.47380332
1.00E-04	0.56254434	0.47338295	0.38929928	0.39382455	0.39261666	0.14635168
0.1908604	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28044962	1.05164891	0.10210648	0.08201068	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27254111	0.19783158	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06539398	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.830776	2.0848823	2.15840343	2.31851575	1.96955958	1.94846357	1.91197578
3.51666241	3.71749856	3.5530056	3.49250679	3.6137707	4.29307366	4.17711549
0.24487091	0.42350353	0.08088933	0.43379066	0.43177254	1.59144339	1.68071094
1.00E-04	1.00E-04	0.05246027	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10379877	0.07690911	1.00E-04	1.00E-04	1.00E-04
1.8809087	2.22399244	2.75992931	2.72094479	1.45924994	2.38701471	2.68034261
0.5497494	1.09192721	0.97934332	0.93485603	0.65910354	0.86943224	1.00E-04
0.79482154	0.61483384	0.82799214	1.16431261	1.00E-04	0.30127966	0.61094489
1.6643582	0.99625634	0.89981567	1.02888051	0.9406528	1.69363729	0.16770769
1.00E-04	1.00E-04	0.03068074	1.00E-04	1.00E-04	0.53672067	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11715992	1.00E-04	0.27052208	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66993282	0.85195096	0.93735046	0.65922519	3.15636421	2.76588987	1.69691694
3.68567883	2.61537207	2.33783952	2.00753633	4.22651356	2.60052702	2.56832036
1.00E-04	1.00E-04	0.03601668	0.06199666	1.00E-04	0.43964933	1.00E-04
1.00E-04	0.31027182	0.09526031	1.00E-04	1.00E-04	0.47552809	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37993011	1.00E-04	0.09495305	0.04564518	1.00E-04	1.00E-04	1.00E-04
0.30758191	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69468443	1.40399341	1.2904826	1.54793991	1.00E-04	0.2210583	0.39481895
0.43449614	1.00E-04	1.00E-04	0.17345438	0.6627562	0.1839207	1.00E-04
1.00E-04	1.00E-04	0.17229289	0.11993362	0.38488463	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66223709	0.54091284	0.33749037	0.19126626	1.00E-04	0.63950959	1.00E-04
1.00E-04	0.0839378	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36812399
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01794919	0.88077546	0.44615992	0.696315	1.00E-04	1.57178765	0.11565659
0.51683498	0.06964474	0.49899692	0.09505646	0.74604499	0.29138547	1.00E-04
1.00E-04	1.00E-04	0.28054044	0.6369418	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.63033393	0.31310384	0.59124032	1.00E-04	1.21311039	1.14420926
0.2398323	0.56694784	0.73548484	0.64704239	1.00E-04	1.0794112	0.82783344
1.231962	0.84592177	1.01314338	0.972452	0.49275495	0.30728869	0.35270505
1.40158009	1.19246635	0.66889922	0.42432536	0.41241033	0.80324714	1.01876176
1.00E-04	0.28089804	0.2472633	0.39774559	0.38488463	0.87983972	1.00E-04
1.00E-04	0.35081787	0.04836628	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39382455	1.00E-04	1.00E-04
1.8118427	1.74630038	2.13472969	2.23443917	0.80974702	2.56607549	1.9774322

0.62064556	0.80480412	1.03843436	0.60108722	1.54036704	1.06301388	1.4254317
1.00E-04	1.00E-04	0.0869284	0.29745467	1.00E-04	1.00E-04	0.82611049
0.40550345	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54497049	1.30698559	1.28714895	1.63823201	1.23600937	1.82880124	2.05865763
1.00E-04	0.46534798	0.20589225	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07548212	0.09813448	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14725502	0.05513539	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23707744	0.0360553	0.37630571	1.00E-04	0.0838544	1.00E-04
1.36178519	1.05365109	1.07768082	0.81096428	1.76178862	0.76821276	0.54991971
1.33646791	0.9625244	0.94127936	1.01757237	2.30353951	1.5569188	2.10209493
1.55733615	1.41787554	1.13684165	0.96825098	2.11714714	1.03285281	1.27496973
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38864073
0.56650422	1.15350869	0.42610715	0.64964678	1.00E-04	1.00E-04	0.38864073
0.90433945	0.49565175	0.0908	0.19023452	1.00E-04	1.00E-04	1.00E-04
1.96698664	2.5234926	1.91073194	2.03057687	2.29899126	1.25686083	1.45734115
1.24112893	1.65804636	1.43002416	1.67201295	1.11732884	1.51496872	1.9401054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24496797	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31128713	1.39900081	1.09661589	1.20524632	1.26691348	0.53214622	0.5406162
0.31139382	1.00E-04	1.00E-04	0.05000591	0.56063254	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99064893	1.15294172	0.88075455	0.8461286	0.90766163	0.6213321	0.36333069
1.00E-04	1.00E-04	1.00E-04	0.22827602	1.00E-04	1.00E-04	1.00E-04
0.75519911	0.80701922	0.91626268	0.48294938	0.43177254	1.16368544	0.43661542
0.35771937	0.34341672	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84761434	2.64607791	2.59328776	2.77221887	1.79894675	2.05099029	2.11839517
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42606835	1.00E-04
1.77480737	2.2683979	2.16059758	1.93081292	2.59925813	2.81943832	2.7602175
0.38788008	0.34013631	0.23917723	0.16290515	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46310355	0.91484724	0.57085043	0.53910518	0.54050558	0.50687426	0.16885696
0.33881342	1.00E-04	0.03298694	1.00E-04	1.00E-04	1.00E-04	0.10785897
1.00E-04	1.00E-04	1.00E-04	0.09618438	0.65823999	0.53331445	0.53909954
1.00E-04	1.00E-04	0.06318173	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09412327	0.19813191	1.00E-04	1.00E-04	0.14835414
0.25587849	0.66471626	0.38383493	0.81006207	1.50294082	1.40560409	2.10384172
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18508902	1.00E-04	0.08878669	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09880731	1.00E-04	1.25429807	0.76445375	0.24554172
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.38899126	0.14779209	0.21916497	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10773282	1.52900329	1.69431789	1.84907967	0.35320673	0.90346369	1.2564143
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75031381	0.80970721	0.79434474	0.68881301	0.48060496	1.32434061	0.75045892
0.238384	1.00E-04	1.00E-04	0.0792429	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11576729	0.19738457	1.24325908	0.54386713	0.62341698
1.00E-04	1.00E-04	0.10643998	0.35330532	1.00E-04	0.7143963	1.00E-04
1.00E-04	1.00E-04	0.26224904	0.34966907	1.00E-04	1.00E-04	1.01714976
1.00E-04	1.00E-04	1.00E-04	0.03184447	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39169034	0.51360835	0.5837795	1.00E-04	1.33738631	0.39714759
1.00E-04	1.00E-04	0.14402368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0611288	1.00E-04	1.00E-04	0.27381449
1.00E-04	0.53193857	1.00E-04	0.12144998	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17514352	0.0596491	1.00E-04	0.54050558	1.00E-04	0.38347681
1.00E-04	1.00E-04	1.00E-04	0.22966808	1.00E-04	1.00E-04	1.00E-04
0.42643595	0.86750063	0.84616583	0.74334691	0.24496797	0.60818842	0.85492545
1.00E-04	1.00E-04	0.05686846	0.24003247	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41417013	0.21135235	1.00E-04	0.13140769	1.00E-04	0.84173959	0.25370611
0.54495771	1.47189014	0.52503087	0.50573055	1.00E-04	0.53682304	1.00E-04
1.00E-04	0.64897726	0.30302976	0.44992603	0.47257629	0.32800835	1.00E-04
1.00E-04	1.00E-04	0.01825061	0.20064768	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10097919	0.10979545	1.00E-04	1.00E-04	0.21495559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05111793	1.00E-04	0.06150548	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.52105756	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32810663	0.21740265	0.06956219	1.00E-04	1.00E-04	0.56783307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.79395099	0.47178094
0.1943788	0.14608996	0.04130985	1.00E-04	0.61235854	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02475707	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17289657	0.11706759	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51918389	0.26542248	0.2705235	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.90393113	0.52348393	0.95341823	0.95393915	0.40975599	1.46950346	1.16167647
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68586356	1.00E-04	0.02319461	0.24909427	1.23876978	1.00E-04	0.36805794
1.22068235	1.07647891	0.7887758	0.91960952	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05670137	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14208882	0.98357083	1.00E-04	0.13723188
0.65624858	1.10465515	0.36057771	0.30440202	0.71586194	1.13096196	0.68242961
0.53828752	1.00E-04	0.30367077	0.06150548	1.55870632	1.00E-04	0.56783307
1.00E-04	0.20736096	0.15929066	0.32223148	0.4683059	1.00E-04	0.99943326
1.00E-04	1.00E-04	0.14982634	0.1809006	1.00E-04	0.90676514	1.00E-04
1.00E-04	1.00E-04	0.16306592	0.05242582	0.43090184	1.06942464	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28359154	0.07899646	0.54370492	1.00E-04	0.66205541
1.00E-04	1.00E-04	1.00E-04	0.04806259	1.00E-04	1.00E-04	1.00E-04
0.82017496	1.24548292	0.60962091	0.42298888	2.14427778	2.66043737	1.50884344
0.14465503	0.55522179	0.20304665	0.37821965	1.00E-04	0.16158638	1.01661953
2.26934604	2.46244247	1.94387148	1.80793203	2.27261183	1.98736743	1.60006662
1.00E-04	0.37893059	0.53829496	0.20239031	0.40912496	1.4537917	1.70744909
0.58646564	0.24255219	0.20586563	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82480294	1.7097131	1.29106954	1.3933232	1.05586463	1.57152422	0.62980535
1.00E-04	1.00E-04	0.1388242	0.08995884	1.05070843	0.89288349	1.00E-04
1.00E-04	1.00E-04	0.09125766	0.06340316	0.39382455	0.19340846	0.27485202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16028506	0.05123125	0.08671977	0.4683059	1.00E-04	1.00E-04
1.00E-04	0.13474433	0.58884169	0.33523329	1.00E-04	0.47552809	0.60853948
1.54309959	0.97218439	0.77582878	0.55381921	0.74462267	0.43129274	0.92309928
1.00E-04	0.0958853	0.14278691	0.23407791	1.00E-04	1.00E-04	0.38676995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27106856	0.93721608	0.36983699	0.17763764	0.80036043	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13285762
1.00E-04	1.00E-04	0.07578816	1.00E-04	1.00E-04	1.00E-04	0.16885696
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70013367
1.00E-04	1.00E-04	0.17461453	1.00E-04	0.77322435	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22694029	0.0619417	1.00E-04	1.00E-04	0.24295541
1.00E-04	0.56997141	0.08821672	0.2008513	0.65823999	0.93115323	0.19482141
1.00E-04	0.18281164	0.14448379	0.05892491	1.00E-04	1.00E-04	0.36812399

1.00E-04	0.25617606	0.03795808	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25788072	0.1196846	0.17401893	1.00E-04	0.53967595	1.00E-04
0.48175322	0.27848627	0.724873	0.70643491	0.40912496	0.38271585	0.30781413
1.93200961	1.93500841	1.70677468	1.85531279	1.00E-04	1.6523743	1.96542642
1.00E-04	0.38944166	0.09236648	1.00E-04	0.48823099	0.10651827	0.38347681
1.5015036	2.24038518	2.11452195	2.16908413	0.59994704	1.80407552	1.99114537
1.00E-04	1.00E-04	0.41286611	0.40792352	1.00E-04	1.00E-04	0.29194406
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19970923	0.16227365	1.00E-04	0.18976321	0.81122442
1.00E-04	1.00E-04	0.07103796	0.10014158	1.60581259	0.91890073	0.88058632
0.33603635	1.23326411	0.4214112	0.29405943	1.99563412	1.40841852	0.30018602
1.00E-04	0.46335389	0.14473549	0.53456635	1.00E-04	0.43964933	1.00E-04
1.00E-04	1.00E-04	0.16195309	0.18070452	1.00E-04	1.00E-04	0.4509066
0.17861687	1.00E-04	0.11774553	1.00E-04	1.00E-04	1.00E-04	0.33758991
1.00E-04	1.00E-04	0.10397621	0.10110099	0.600898	0.73870938	0.70763976
1.00E-04	0.68315991	0.76622119	0.42439186	0.81258874	1.47487826	2.02826035
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12640632	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06253771	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85133084	0.09520901	0.03164435	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03693145	0.0584077	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05853002	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22459155	0.38871854	0.1833915	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17080146	0.1561805	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64612457	0.36449192	0.76775506	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1357352	0.06768765	0.78234266	1.03119408	1.02323292
1.00E-04	1.00E-04	1.00E-04	0.05742366	1.00E-04	1.00E-04	1.00E-04
0.23730925	0.1210804	0.18123131	0.21554517	1.00E-04	1.00E-04	0.12174474
1.00E-04	0.27688037	0.21662921	0.06793447	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33216176	0.63802916	1.00E-04	0.36686909	0.1362077
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53631384	0.15723648	0.23551483	1.00E-04	1.00E-04	1.00E-04
1.41914864	1.12237729	0.90330681	0.93730337	2.9237032	3.20660349	1.88284877
0.77351089	0.80033005	0.38672828	0.42046243	1.00E-04	1.22860533	0.31424664
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.98457843	2.0783493	1.55999093	1.45937186	1.34529044	2.77955925	1.95929667
1.00E-04	0.51993637	1.28569403	1.25384488	1.00E-04	0.22033443	1.15261656
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42459541	1.03625031	2.05661593	2.00135427	0.42938666	1.17259329	0.64281876
1.00E-04	1.00E-04	0.06029229	0.14722689	1.00E-04	1.00E-04	0.23172291
2.41322229	2.7514787	2.2716993	2.43178214	2.91891325	2.43883424	2.42874573
1.00E-04	0.30846266	0.23484822	0.07716398	0.50488113	0.32459183	0.1313165
1.00E-04	1.00E-04	0.05011446	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2859343	0.07994575	1.00E-04	1.00E-04	0.27477876
0.11503627	0.28707071	0.27400932	0.23173522	1.47611806	0.6172267	0.71984807
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.79359008	2.56967648	2.14670421	2.32471108	1.76762673	2.74814526	1.56953229
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23378191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58097662	1.90713878	2.07389862	2.33624494	2.22938017	2.38155696	2.87344017
1.00E-04	0.24104451	0.10812231	0.26300341	1.00E-04	0.14939575	0.780778
1.00E-04	1.00E-04	0.10150077	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61856275	1.00E-04	0.60478604
0.5314792	0.11888122	0.3632784	0.47203968	1.24755742	0.61709511	0.97206023
1.00E-04	1.00E-04	1.00E-04	0.30948191	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34356397	0.17498038	0.91489649	1.00E-04	0.26286657
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48673018	0.67892208
2.40668521	2.35078096	2.3366594	2.57597471	3.22107591	2.89930057	2.68540088
0.2841732	1.00E-04	0.15367117	0.16217804	1.00E-04	0.2496013	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05604194	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04539512	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07814479	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52031215	0.41275602	0.2095978	0.20098326	1.00E-04	0.4379604	1.00E-04
1.00E-04	1.00E-04	0.05792884	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17313321	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12994263	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14527865	0.12458949	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.39416975	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09970437	1.43601756	2.3545976	2.41072718	1.56682153	1.27235685	2.58040002
0.48335795	0.67237841	0.41930041	0.46554259	1.00E-04	0.40174274	0.98080896
0.59825351	1.23619808	1.83564952	1.84634188	1.34318101	1.19724283	1.96972337
1.48859103	1.29550471	0.71425876	0.54535476	0.90583621	1.7168869	0.96424393
1.00E-04	1.00E-04	0.36413452	1.00E-04	1.00E-04	1.00E-04	0.37021682
1.00E-04	1.00E-04	0.26371226	0.04768541	1.00943042	1.00E-04	0.76615283
0.48147194	1.25538215	1.21916634	0.87287853	1.00E-04	0.98658757	0.4509066

1.00E-04	1.00E-04	0.08350832	0.08443968	1.00E-04	1.00E-04	0.23721926
1.00E-04	0.19757958	0.26235111	0.65110345	1.00E-04	0.77231042	1.00E-04
0.69608112	1.53962194	1.06830352	1.26466103	0.68979093	0.47938314	1.16483203
0.38098846	0.796725	0.61410093	0.78551699	1.43015299	0.94123297	0.11565659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26997724	0.41756003	1.00E-04	0.65253209	1.00E-04
1.00E-04	1.00E-04	0.39691683	0.45657603	0.6397631	0.63592686	0.23721926
1.00E-04	0.2130925	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48740444	0.13619559	0.28744663	0.21546866	0.24496797	0.76706797	1.00E-04
0.85642995	1.50219956	1.34150922	1.62925634	0.6455374	1.05839923	1.54938709
1.00E-04	1.00E-04	0.17641923	0.50097097	1.00E-04	1.00E-04	0.3392339
1.00E-04	0.42941157	0.06272493	0.08063792	1.00E-04	1.00E-04	1.00E-04
2.70705272	2.5510715	2.39159666	2.61542248	2.7447165	2.77805846	2.52341023
1.00E-04	0.30648765	0.04887601	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02253457	1.5438542	1.10906913	1.41722666	1.6653427	2.01619678	1.99760886
1.00E-04	1.00E-04	0.26241021	0.22287311	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05658657	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23356672	0.46070181	0.34468661	1.00E-04	0.42606835	0.07440699
0.4277899	1.00E-04	0.04270004	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04475357	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67026632
1.00E-04	0.17313321	0.17771641	0.20817484	1.00E-04	0.62514989	0.08557164
0.65257943	0.97550008	0.6092665	0.72121011	0.61280452	1.94374023	1.21513991
0.32656027	1.17157728	0.42220526	0.76938243	1.00E-04	0.91069824	1.11897959
1.00E-04	1.00E-04	0.04996552	0.06311263	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27672816	0.102169	0.04609684	1.00E-04	0.34440142	1.00E-04
0.49240077	1.00E-04	0.03158861	0.16390644	1.00E-04	1.00E-04	0.2944099
1.00E-04	1.00E-04	0.20867767	0.0490494	1.00E-04	1.00E-04	1.00E-04
0.60287424	0.43847261	0.29090616	0.11321866	1.00E-04	0.47083282	0.84029551
0.3677014	0.23180407	0.55179682	0.58124015	1.6756646	1.43350316	0.40537959
1.00E-04	0.16862706	0.22195979	0.57747168	0.84461281	0.59551323	1.00E-04
1.00E-04	0.19183768	0.1069242	0.09793793	0.38530742	1.00E-04	1.00E-04
0.1943788	0.735086	0.49175377	0.60607792	0.65823999	1.15202473	1.00E-04
4.20565954	4.07837142	4.15356535	4.30835591	4.1356397	4.43619444	4.44185273
0.17727073	0.56426169	0.63569663	0.33055091	1.00E-04	1.00E-04	1.43064555
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.090337	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46167672	0.84488541	1.24968472	0.85750668	0.50894684	1.30817412	0.91850915
1.00E-04	1.00E-04	0.15989819	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39385959	1.00E-04	0.09662361	1.00E-04	0.42698816	0.96061581

1.00E-04	1.00E-04	1.00E-04	0.08862738	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.60142909	0.68328207	1.09923439	1.00E-04	0.6356775	0.7135302
1.00E-04	1.00E-04	1.00E-04	0.08244627	1.00E-04	1.00E-04	0.13285762
0.60467241	1.00E-04	1.00E-04	0.09155075	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10324148	1.00E-04	1.00E-04	0.30082489	1.00E-04
2.64245869	2.13588571	1.984757	2.37277145	3.06460705	2.81471517	2.56179656
0.25550183	0.42028005	0.15550715	0.21869584	0.51102197	0.42387713	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58824794	0.24208627	0.17907096	0.44669359	1.00E-04	0.74913064	0.09464396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40983364	1.00E-04
1.41665226	1.62123852	1.71098227	1.94066313	0.6397631	1.85627458	1.54975898
0.62539567	1.00E-04	0.04861981	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15546163	0.15385691	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28742455	0.56887522	0.97350439	1.27412158	1.00E-04	0.87371893	0.47385224
0.36990848	0.60855738	0.47564636	0.35726975	1.00E-04	0.94420978	1.14420926
0.21883945	0.94678388	0.67257643	0.48356157	1.00E-04	0.98389137	0.59371885
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04974375	0.21200014	1.00E-04	1.00E-04	1.00E-04
0.49447604	1.19256531	0.94365246	1.05250948	0.35750248	1.69704401	1.2681949
1.00E-04	1.00E-04	1.00E-04	0.06235631	1.00E-04	0.51556887	1.00E-04
1.00E-04	1.00E-04	0.23361434	0.27945539	1.00E-04	0.77796666	0.36812399
0.87707323	0.91597134	0.43335743	0.44320026	1.00636571	1.13186458	1.09068477
0.57836172	0.59163686	0.47795813	0.45706879	0.63583153	0.75030373	0.81566764
0.29026471	0.38837108	0.11989955	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15593845	0.32769046	0.71649841	1.00E-04	2.1056754
1.00E-04	0.34445683	0.59866314	0.49395816	1.00E-04	0.24764169	0.58290634
1.00E-04	1.00E-04	0.17814819	0.15808964	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09349426	1.34730433	1.63377313	1.88036374	1.34157264	1.38216952	2.05442705
1.00E-04	1.00E-04	0.13184813	0.37823674	1.00E-04	1.00E-04	0.29688924
2.22928674	2.0728411	1.87453749	2.02965002	1.63653326	2.39729821	1.725501
0.70511319	0.58589638	0.91747931	1.04961243	1.00E-04	0.5331716	1.00E-04
0.86332985	1.17314118	1.28540242	1.74022455	1.04743601	1.2220268	1.90656968
1.00E-04	1.00E-04	0.05285199	1.00E-04	1.00E-04	0.63412712	1.00E-04
1.00E-04	1.00E-04	0.04896499	0.05671287	0.82056047	1.14076655	0.45439281
1.04479822	0.06491731	0.39463544	0.44088599	1.00E-04	0.94115864	0.68624652
0.22886845	0.86405287	0.17394305	0.53145772	1.3451714	1.06517455	0.2469715
1.00E-04	1.00E-04	1.00E-04	0.04373815	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09112722	1.00E-04	1.00E-04	1.00E-04	0.12174474
1.00E-04	0.06166075	1.00E-04	0.10352797	1.00E-04	1.00E-04	1.00E-04
0.41659643	0.58113845	0.36160619	0.5192302	1.05786854	0.61888478	0.09760498

1.00E-04	0.14331604	0.06389799	0.08303431	1.00E-04	1.00E-04	1.00E-04
0.35853644	0.52920569	0.68037662	1.08740615	0.38530742	0.42442279	0.19293133
1.00E-04	1.23994294	0.4417237	0.3106862	1.23058514	1.00E-04	0.86297111
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24496797	0.39240942	0.07440699
0.58552292	0.54411467	0.12784587	0.27516501	1.00E-04	1.00E-04	0.79572906
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58144049	1.00E-04	0.08693755	1.00E-04	1.00E-04	0.21439207	1.00E-04
1.00E-04	1.00E-04	0.14517552	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75800542	1.36956983	1.0211718	1.12509926	1.00E-04	0.90954513	0.30436686
0.7701317	0.70763668	0.18668404	0.7124637	1.00E-04	0.84447305	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25871909	1.00E-04
1.00E-04	0.36646516	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.67320076	4.06215062	4.72725949	4.71057862	3.3236451	3.26109853	4.3443366
1.00E-04	1.00E-04	0.18538495	0.111773	0.43090184	0.16898238	1.00E-04
0.30064046	0.33336066	0.35563458	0.30444119	1.00E-04	0.44413108	0.11565659
0.49677554	0.29711669	0.3843284	0.48352729	1.00E-04	1.00E-04	0.17349997
1.00E-04	1.00E-04	0.24921337	0.25008412	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17800901	0.07282043	1.00E-04	0.35874068	0.24295541
1.00E-04	0.37661075	0.04901853	0.35845762	1.00E-04	1.00E-04	1.00E-04
1.02454237	0.55230175	0.46431268	0.74878658	0.78234266	1.44066157	1.90843533
0.11503627	0.06522668	0.09873768	0.38038358	1.30566687	0.22143361	0.78080334
1.90277453	1.80727566	1.95332331	2.28084578	1.22189776	2.21925603	1.43747814
2.16210626	2.58161721	2.22805539	2.30187519	1.17003053	1.37277498	2.07908607
1.00E-04	1.00E-04	0.03548458	0.11347384	1.00E-04	1.00E-04	0.1362077
0.98514645	1.09591005	1.01580116	0.78294201	0.69050282	1.29760165	2.2304744
0.53820586	1.06680383	0.83648374	0.40394086	1.00E-04	1.05032765	0.16770769
1.00E-04	1.00E-04	0.14374435	0.13365677	1.00E-04	1.00E-04	0.11565659
0.43383783	1.17639533	0.53845708	0.93258462	1.00E-04	0.27382821	0.81472901
1.46695561	2.39050403	1.66091017	1.45596351	0.96085337	1.81897254	1.6210346
2.09759285	1.84185591	1.93731724	1.52733308	3.37953594	2.40145424	3.1172824
0.73000656	1.295145	1.6988169	1.76758072	1.07694717	0.72343051	2.07922727
0.44438997	1.6585517	1.34304947	1.60178086	1.82310985	1.5519796	1.42654559
0.78299734	1.0176498	0.72257132	0.90389888	0.24496797	1.58449676	0.37440717
0.96995477	0.90278949	0.94377768	0.98841316	1.56747928	1.07879624	0.07440699
0.42278729	0.93721956	0.97210081	1.00582477	1.00E-04	0.27580628	0.30959015
1.00E-04	0.23881798	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1113717	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42387713	1.00E-04
0.9749441	0.84247613	0.68802394	1.07249065	1.07936842	0.82362449	0.44670809
0.81197441	0.39138204	0.60990666	0.58997164	1.14252367	1.06359142	0.52980659
1.00E-04	1.00E-04	0.11316794	0.28745005	0.98100098	0.72204353	1.00E-04

0.53958666	0.1408415	0.310644	1.00E-04	1.02195534	1.00E-04	1.00E-04
0.39885074	0.47952537	0.77333557	0.58417471	0.78598698	1.29619714	1.00E-04
1.00E-04	0.72468562	0.51322475	0.66925928	0.40975599	0.14939575	1.31991997
1.00E-04	1.00E-04	0.03995386	0.09392072	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10308094	0.11485276	1.00E-04	1.00E-04	1.00E-04
0.76897525	1.30103209	1.39747605	1.61450245	1.78872398	1.46966253	1.83094175
0.6263989	0.82986817	1.41415233	1.59482357	1.50790462	2.02759313	1.04205032
1.13463759	1.71718953	0.91251809	1.08432411	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.09221143	3.4446129	3.01981129	3.10102778	2.1457109	1.21570366	1.44865042
1.00E-04	1.00E-04	0.05461189	0.03452268	1.00E-04	1.00E-04	1.00E-04
0.33115593	0.57457557	0.7613058	0.5534175	1.00E-04	1.00E-04	0.09464396
1.00E-04	0.48097796	0.25746359	0.31689909	1.00E-04	1.00E-04	0.25370611
1.00E-04	1.00E-04	1.00E-04	0.03970031	1.00E-04	1.00E-04	1.00E-04
2.10075591	2.0524749	2.11679216	1.74237252	1.376796	1.31721985	0.85358245
0.17828755	0.44836854	0.22396367	0.18075139	0.54065888	0.89575969	0.53624912
0.54869453	0.28527799	0.33340396	0.23510821	0.63609922	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14289087	0.22861597	1.04823799	1.71561266	0.76357995
1.00E-04	1.00E-04	1.00E-04	0.02970264	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41978148	1.22686046	0.34803926	0.79502123	0.60156552	1.14581205	1.30786576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97336189	1.46975995	1.12101171	1.13910165	1.06226135	1.58507039	1.02303053
1.00E-04	0.08011905	0.04804662	1.00E-04	1.00E-04	1.00E-04	0.98274788
0.65885004	0.67889689	0.59276198	1.03374087	0.47257629	1.48813863	0.92499445
3.3987084	4.03225995	4.09119427	4.30988222	4.21139905	4.29590418	4.35688295
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06388142	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94978351	2.12989049	1.20504205	1.05254372	1.01319637	1.30809911	0.40926606
3.7929368	4.03574841	3.61897381	3.86865158	4.21319341	4.43291801	3.95408205
2.05072292	2.62721938	3.45440162	3.59104559	1.42657113	2.05109994	3.27191605
1.00E-04	1.00E-04	0.08208074	0.07351006	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67366143	1.1373855	0.75417356	0.91516819	0.91771389	0.8681303	0.28948344
0.14265331	1.00E-04	0.09566092	0.06594661	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09361747	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12175327	0.11166382	1.00E-04	1.00E-04	1.00E-04
0.70182958	1.17809729	0.90213371	1.11811865	0.96119533	1.40633265	0.32432879

1.00E-04	1.00E-04	0.31355822	0.36454618	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57817319	0.33068072	0.74349092	0.87837716	1.00E-04	0.33014878	1.56506346
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12139244	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05050023	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42129053	0.9612354	1.05427379	1.04083586	1.00E-04	1.00E-04	2.24943377
1.00E-04	1.00E-04	0.06083782	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03291832	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31361287
0.73717948	0.37001475	0.38512587	0.15965752	1.00E-04	1.00E-04	1.00E-04
1.56364564	1.89628597	1.69583655	1.77896909	1.19128025	2.48762001	1.26163172
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06032394	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31981233	1.00E-04	0.20748997	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05125298	1.00E-04	1.00E-04	1.00E-04
0.58223856	1.00E-04	0.07744642	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3677014	1.00E-04	0.06074164	0.17857217	1.00E-04	1.00E-04	0.30893958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34038224	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05663582	0.24005995	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11285683	1.00E-04	1.00E-04	0.220236
1.00E-04	1.00E-04	0.0911834	0.14525622	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36754477	0.24431554	0.04060521	0.06019402	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17015988	0.10626216	0.47740198	1.36159971	1.34795412
1.00E-04	0.62417575	0.11531531	0.22065171	1.00E-04	0.29910931	0.25203293
1.00E-04	0.55957796	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25385769	0.73591843	0.95062669	1.05449977	1.00E-04	1.00E-04	0.79970639
1.00E-04	1.00E-04	0.19481832	0.07659289	1.00E-04	0.8780882	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26871512	1.75166524	1.76258722	1.8684457	1.00E-04	1.08821907	1.95534823
1.00E-04	1.00E-04	1.00E-04	0.09289923	1.00E-04	1.00E-04	1.00E-04
0.39874234	1.4077934	0.89812704	1.19990657	0.42197018	0.75361258	0.56963845
1.00E-04	0.15250071	0.38158182	0.34131228	1.00E-04	1.02493486	1.18103924

1.00E-04	1.00E-04	0.1089411	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0642098	1.10724046	0.76976513	1.07207801	1.34443321	1.61568085	1.08244518
1.00E-04	0.51124598	0.41150663	0.49840487	1.22162466	0.68821198	0.1362077
1.00E-04	1.44004492	0.9718587	0.85973259	1.00E-04	1.18860202	0.83822697
1.00E-04	0.30639423	0.25955917	0.06170919	1.00E-04	0.54079133	0.49237419
1.00E-04	1.00E-04	0.1241084	0.09585885	0.69043823	0.78405626	0.90884097
0.23109052	0.52633019	0.71688495	0.76419593	1.00E-04	0.72401872	0.40465359
1.00E-04	0.0958853	0.173502	0.12692736	1.00E-04	1.00E-04	1.00E-04
0.31246706	0.57983588	0.21205991	0.14680443	1.62902448	0.34293625	0.24773715
0.45208205	0.32304065	1.00E-04	0.10459753	1.00E-04	0.38506641	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04520229	1.00E-04	1.00E-04	1.02330621
0.55982553	1.00E-04	0.0308567	0.04618825	1.00E-04	0.4284064	1.00E-04
2.37309669	2.26500034	3.47073181	3.40496591	0.50488113	1.24212753	2.94582453
1.00E-04	0.26128215	0.5331071	0.4778526	1.00E-04	1.17587226	1.04290807
0.76320706	1.00E-04	0.26340748	0.06943678	1.00E-04	1.00E-04	0.13723188
0.12595009	0.28435026	0.29155573	0.11444098	1.00E-04	1.00E-04	0.36317177
1.00E-04	1.00E-04	0.07742477	0.08010619	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10906654	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.78313317	0.80053912	0.770054	1.00E-04	1.00E-04	1.0581204
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49751732	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09760498
1.00E-04	1.00E-04	0.04516645	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21099892	0.33608122	0.1476315	1.00E-04	0.74913064	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.60131621	0.13973003	0.19094589	1.00E-04	1.00E-04	1.00E-04
1.14928371	1.13824478	0.98698248	0.84724109	0.6641124	1.35266923	0.34032951
1.20280982	0.54043104	0.49215527	0.53486997	0.61235854	1.00E-04	0.88861523
1.00E-04	0.05651393	0.03917989	0.03677057	0.65823999	0.74006329	0.93135499
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08557164
0.31000509	0.07314043	0.44601012	0.30295199	1.00E-04	1.00109809	0.65808587
1.00E-04	0.33646412	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32885884	0.14553846	1.00E-04	1.00E-04	0.72957406	1.00E-04
0.58880035	0.57494946	0.33704232	0.49017993	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22937201	0.13707324	1.00E-04	0.51529835	0.38676995
1.19768293	1.00753516	0.70860708	0.62036414	0.58708779	1.27471399	1.00E-04
1.41964224	1.64058708	2.54976904	2.7299392	1.64868807	1.7615168	1.97703482
1.00E-04	0.08110081	0.03686566	0.22968234	1.00E-04	1.00E-04	0.41062209
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25587849	0.16975309	0.15528339	0.05190014	1.00E-04	1.00E-04	0.35317396
0.66675572	1.04024937	0.87406415	0.79702881	0.24496797	1.94489326	0.87846323
0.58937686	0.45438613	0.83394716	0.88095166	0.45086753	1.14010849	1.00E-04
1.00E-04	1.00E-04	0.04693986	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19623586	0.05994291	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.90542059	0.24766904	0.43598773	0.44340029	0.88237477	0.38692196
1.00E-04	1.00E-04	0.13314454	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12328759	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37968031	2.68548175	2.05891546	2.0230748	1.86968443	1.75256603	1.75156098
1.00E-04	0.41668466	0.3144259	0.2254917	1.00E-04	0.60681244	0.22150237
1.00E-04	0.87744292	0.35073765	0.43566324	0.52474525	1.04214906	0.69896139
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38244022	0.69611426	0.72753965	0.5667864	0.67168427	0.88535822	1.00E-04
0.32260198	0.41142079	0.18601814	0.11639287	1.00E-04	1.00E-04	1.00E-04
1.1666168	1.75151925	1.39460588	1.63987359	1.64399888	1.3566733	0.57632927
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10977888	0.14122554	1.00E-04	0.42387713	1.00E-04
1.00E-04	1.00E-04	0.05519465	1.00E-04	0.9467701	1.57700705	1.59328473
0.20795065	0.39363482	0.23924249	0.57764641	1.00E-04	0.40480752	0.30631903
1.31862181	0.31142551	0.29734963	0.36336785	0.44340029	0.91580219	0.27477876
0.32643701	0.61055079	0.38211605	0.56982015	1.00E-04	0.76999498	0.37440717
1.85958005	2.14689915	2.40835852	2.25252958	1.80063724	2.51386662	2.89908031
0.99204093	1.01582834	0.54649365	1.02623568	0.6397631	2.20816984	1.9219301
0.2704768	1.00E-04	0.13693871	0.24785907	1.00E-04	0.75974341	1.48420133
0.19900397	1.02363856	0.2253109	0.50625423	1.00E-04	0.99853894	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08904137	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21967902	0.05544496	0.09153743	1.00E-04	1.00E-04	1.14420926
1.00E-04	1.00E-04	0.0858484	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06423811	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38788008	0.68414596	0.39880695	0.56100751	2.07124159	2.37756352	1.81367846
1.00E-04	0.25788072	0.1877217	0.37126836	1.00E-04	1.03139471	0.9673541
0.16263232	0.53561729	0.42014893	0.37467048	0.74462267	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1960864	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19315683	0.0764253	1.00E-04	0.94886997	1.00E-04
1.00E-04	0.51123773	0.18590643	0.35181431	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60437504	0.83797105	0.72636331	0.73566388	0.70997801	1.4846177	1.29643537

1.00E-04	0.42784649	1.00E-04	0.15760892	1.00E-04	1.00E-04	1.00E-04
0.35383474	0.52125803	0.21341425	0.36523182	1.00E-04	1.19271826	0.32113147
1.00E-04	1.00E-04	0.06539398	0.10374819	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52842869	0.35045008	0.09389021	0.0737234	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15174552	0.12752082	0.05572905	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12370627	1.00E-04	1.00E-04	1.00E-04
0.67028329	0.50467048	0.54490092	0.12916298	1.00E-04	0.11293056	0.25203293
0.43689228	0.97795726	1.01166532	0.88347494	1.00E-04	0.63752184	1.30755501
0.81825896	0.26939828	0.23166478	0.26147283	1.00E-04	1.00E-04	1.00E-04
1.21811838	0.13934715	0.495888	0.66778939	1.00E-04	1.00E-04	0.49683657
0.27217448	1.00E-04	0.09036233	0.10272329	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.18447968	2.192459	2.52741902
1.00E-04	1.00E-04	0.04758761	0.08921197	2.49734078	3.17471202	3.43257188
1.00E-04	1.00E-04	0.03425115	1.00E-04	0.38530742	1.00E-04	1.00E-04
0.11825932	1.00E-04	0.29201296	0.16947413	1.00E-04	1.00E-04	1.00E-04
2.85006434	2.9050973	2.42680413	2.51423154	1.99990721	2.90085789	2.59883505
1.00E-04	0.16143682	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54460418	0.21806502	0.15222264	0.0349238	0.61280452	0.46009839	0.76020633
1.00E-04	1.00E-04	0.05130943	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03968859	0.07412932	1.00E-04	1.00E-04	0.83822697
1.00E-04	1.00E-04	1.00E-04	0.19017204	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05487932	0.11472596	1.00E-04	1.00E-04	1.00E-04
1.06755276	1.10261112	1.08526046	1.38808192	1.15189368	1.44955113	0.31369572
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59359178	0.16714916	0.76044808	0.57851698	0.79696744	0.77966222	0.37021682
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.47045828	1.00E-04
1.00E-04	0.23036289	0.30335408	0.04087293	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2718792	0.1500503	0.69043823	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08228168	0.1099251	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.66643375	0.28426873	0.23029542	1.00E-04	1.00E-04	0.80515881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81749357	1.26427545	1.09092091	0.74937228	1.89704554	0.97150972	0.34032951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2269257	1.00E-04	0.27604147	0.28557232	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14180904	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.04512856	1.00E-04	1.00E-04	1.00E-04	0.50986773
1.00E-04	0.32426443	0.07468973	0.25062043	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03521054	1.00E-04	1.00E-04	1.00E-04	1.00E-04
11.4107352	11.0599375	10.6541982	10.5235401	11.2743361	10.7233728	10.3348909
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1556947	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04831415	0.05198702	1.00E-04	0.50354426	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05731767	1.00E-04	1.00E-04	0.46435976
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0761746	1.00E-04	1.00E-04	0.12640632	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0561884	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.51182465	0.26348023	0.85373218	0.17101563	1.34384261	1.09860259	1.57703359
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25019766	0.13356522	0.09788731	0.81572945	1.00E-04	0.3904927
1.00E-04	1.00E-04	0.28809337	0.42980745	0.42197018	0.60780538	0.31309628
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51889068	0.43650136	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08557164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39882794	1.77855371	0.98739371	1.45587002	1.13554369	1.44852601	1.70289461
1.3862239	0.4475165	0.54201005	0.79847325	0.71132059	0.96720996	1.00E-04
1.00E-04	1.00E-04	0.1306491	1.00E-04	0.55964322	0.34850681	1.00E-04
1.00E-04	1.00E-04	0.04404238	1.00E-04	0.38488463	1.00E-04	1.00E-04
0.66584379	0.22921075	0.6237799	0.30683387	1.01855486	1.41190852	1.55729076
1.00E-04	1.00E-04	0.20809516	0.04967707	1.12034237	0.45330561	1.37737027
2.14369901	2.52136997	2.51830954	2.42527985	1.67073195	2.34297238	2.59373547
1.00E-04	1.00E-04	0.21938408	1.00E-04	1.00E-04	1.00E-04	0.24851266
0.23904013	1.00E-04	0.09595136	1.00E-04	0.54258268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11303611	1.00E-04	1.00E-04	1.00E-04	0.50814514
1.30125301	0.15610278	0.49024141	0.3185309	2.07528168	1.03544584	0.82560546
1.00E-04	1.00E-04	1.00E-04	0.04178327	1.00E-04	0.31559802	1.00E-04
1.43046442	0.36218252	0.67549544	0.49817606	2.51395051	1.00E-04	0.93318879
1.00E-04	0.31741471	0.28817276	1.00E-04	0.54050558	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.53853818	0.60382866	1.07028152	0.39240942	1.48529783
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.03610873	3.24122644	3.03175342	3.09616883	3.52972226	2.98073206	2.99022292

0.12595009	0.31571465	0.33667471	0.09340901	0.77790531	0.62039614	0.48661133
0.65296342	0.3965491	0.23312498	0.49278169	1.00E-04	0.45779176	0.77426351
1.00E-04	1.00E-04	0.07082209	1.00E-04	1.00E-04	0.22044102	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06430053	0.0377743	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.254717	0.05054852	0.63609922	0.31311709	0.74295521
0.19498882	0.2100651	0.45728354	0.82026135	0.54050558	1.15316998	0.10785897
1.00E-04	1.00E-04	0.18635268	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84014676	0.26776712	0.25454444	0.49152842	1.00E-04	1.0719171	0.83197353
1.00E-04	0.06489235	0.04441324	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65895093	1.00E-04	0.13781248	0.07785195	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10636663	1.00E-04	1.00E-04	1.00E-04
0.92416686	1.63807973	1.43234268	1.5348495	1.60377356	2.18514299	1.29422779
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11565659
1.00E-04	0.4558495	0.04758761	0.20249049	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14180904	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50986773
1.76672033	1.46131224	1.66333835	1.43180027	2.38132688	2.08290113	1.07255305
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05845657	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11225141	1.00E-04	1.00E-04	1.00E-04
1.27685227	0.6020464	0.77908777	0.6216182	1.87037549	0.50950067	2.10801732
1.00E-04	1.00E-04	1.00E-04	0.11906247	1.00E-04	1.00E-04	1.00E-04
0.37588185	0.18414442	0.04232381	0.21050698	0.99752107	1.00E-04	0.57462002
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88141228
1.00E-04	0.21386006	0.2465444	0.09921651	1.60999439	0.68077736	1.92369042
0.76067783	1.00E-04	0.73408326	0.20677859	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07536335	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87990123	1.38913009	0.65736942	0.84362985	0.67796946	1.67442523	1.32920055
0.70605606	0.6418267	0.15413957	1.00E-04	0.78321699	0.9257217	0.81138211
0.58144049	0.23237962	1.00E-04	0.05666688	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56502892	1.00E-04	0.05331587	1.00E-04	0.57195445	0.89171326
1.00E-04	0.19650314	0.18346547	0.28169388	1.00E-04	0.40480752	0.53494065
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73535198	0.53865886	0.73767429	0.83273486	1.03337828	0.2827378	0.220236
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15559832	0.04884938	0.07302978	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.17114517	0.13033533	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.3035163	1.00E-04	1.00E-04	0.27477876
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0466064	0.0518905	0.44085717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18413652	1.18096334	0.38616376	0.55359453	1.56309634	1.90485058	0.73127748
0.12498368	0.31659333	0.1903834	0.28805555	1.00E-04	1.00E-04	0.80109202
0.8516213	1.03214842	2.15794359	2.22920295	0.40975599	0.62648453	2.64205727
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04188229	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18557657	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33850687	1.00E-04	0.17253383	1.00E-04	0.30728869	1.00E-04
1.00E-04	1.00E-04	0.03597334	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78197369	0.06639836	0.16124103	0.03904048	1.00E-04	0.35396877	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11626816	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03381687	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05947039	0.15916737	0.20138858	1.00E-04	1.00E-04	0.92466868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12686767	0.07513297	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08931708	0.07537393	1.00E-04	1.00E-04	1.00E-04
1.53624903	1.85340609	1.66667259	1.63249841	1.75566333	2.38395802	1.35921655
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0747889	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12562024	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32008749	0.1408415	0.29460785	0.29004255	1.95813435	0.6840339	0.9731065
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06067313	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14369206	1.00E-04	1.00E-04	0.48521089	0.09760498
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16059155	0.95505888	0.9212742	0.72888269	1.17845469	0.0838544	1.00E-04
0.70512467	1.69933266	0.77297709	0.81793898	2.85110783	2.06133139	2.23432042
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.26060442	1.00E-04	0.03142624	0.05786354	1.00E-04	1.00E-04	0.20772946
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98456459	1.55786422	0.82714968	0.65618746	1.83073097	0.50000179	0.49641187
1.00E-04	0.22461822	1.00E-04	0.05902446	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25604588	0.06139332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09730453	0.1094069	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03153307	0.04737023	1.00E-04	0.94886997	1.00E-04
1.00E-04	0.54554532	0.5521195	0.53702459	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10480528	0.08629122	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09055376	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3520318	1.04079331	0.30162408	0.4089116	0.63583153	1.66806626	0.36812399
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23302389	1.00E-04
1.00E-04	1.00E-04	0.25342418	0.15350179	1.00E-04	1.00E-04	0.1983036
0.47625886	0.55260498	0.69587913	0.90894898	0.65823999	0.39543626	0.7106315
1.00E-04	1.00E-04	0.267752	0.29374834	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1815633	0.05473414	0.24759542	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04591428	0.09894395	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06710734	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39826637	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51246113	0.12853039	0.02431844	0.25490568	1.00E-04	1.00E-04	1.41336735
1.38737875	1.17856875	0.55625601	0.87190609	0.41241033	0.93412174	1.2935491
2.61386432	2.64218379	2.4414866	2.4451677	2.54365441	2.55239506	2.31261859
1.50405424	1.53839088	1.33516527	1.52461881	0.75131343	2.25555171	1.04825571
1.00E-04	1.00E-04	1.00E-04	0.02865525	1.00E-04	1.00E-04	1.00E-04
1.58749332	1.97995775	2.41483716	2.35708094	0.90247776	1.13312731	0.88342509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74580559	0.87779748	0.9562822	0.90799665	1.00E-04	0.83973826	0.54795586

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28714957	0.34482567	0.2712846	1.00E-04	0.66698541	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15889953	0.06853844	1.00E-04	1.00E-04	0.491838	0.3937581
1.00E-04	0.25801112	0.07711393	1.00E-04	1.00E-04	0.11293056	1.00E-04
1.00E-04	0.27026587	0.04514371	0.05154599	1.00E-04	1.00E-04	0.22577116
1.00E-04	1.00E-04	1.00E-04	0.088928	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04396517	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04101687	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04882278	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46547139	0.38402896	0.44472358	0.32029564	1.00E-04	0.89162353	1.00E-04
1.76956335	2.37347463	2.10338298	2.51162528	1.69347142	2.28970732	1.88103361
1.00E-04	1.00E-04	0.02568114	0.04113155	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08075745	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11496244	0.03275492	1.00E-04	0.37848123	1.00E-04
1.00E-04	0.22597662	0.05050023	0.06742635	1.00E-04	1.00E-04	1.00E-04
0.35217536	0.4826903	1.05608856	1.24282727	1.00E-04	1.00E-04	0.14701138
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68552334	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0760509	1.00E-04	0.36782053	1.00E-04
1.00E-04	1.00E-04	0.0402227	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06580391	0.95052232	0.58365172	0.70676548	1.67942076	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05210331	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.24943347	2.33510844	1.97242862	1.71038858	1.37492436	1.51684157	0.6171328
0.57647351	0.66133527	0.63878887	0.38170412	1.00E-04	0.51987873	0.23378191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11363526	1.00E-04	0.03844448	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04065431	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16572863	1.00E-04	1.00E-04	1.00E-04	0.13785291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03494979	0.09444901	1.00E-04	1.00E-04	0.40465359
1.00E-04	0.26347852	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10907383	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04996552	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92396936	0.39055909	0.43326563	0.33658711	0.4683059	1.00E-04	0.82233669
1.00E-04	1.00E-04	1.00E-04	0.06513202	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.2366324	0.03101322	0.04118002	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16720446	0.12547635	0.20011433	1.00E-04	0.22939333	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13144448	1.00E-04	1.00E-04	1.00E-04	0.19124552
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93760515	0.84175758	0.83285532	0.97473628	0.77472003	1.1177493	0.56535152
2.09133256	2.26845982	2.19779642	2.06348079	1.00E-04	1.5801176	2.24868413
1.23320884	1.19919184	1.11832008	0.99073383	1.32864364	1.68095751	1.77022079
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2530067	0.21915422	0.05797879	1.00E-04	1.00E-04	1.00E-04	0.31424664
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03516101	1.00E-04	1.00E-04	1.00E-04
1.18391132	1.49793636	1.01804328	1.08799788	1.85336025	1.88918781	1.69623295
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85525951	1.58235365	1.95754756	2.28484182	0.44085717	1.19646327	1.40913444
1.00E-04	1.00E-04	1.00E-04	0.11876525	1.00E-04	1.00E-04	1.00E-04
2.72145762	3.188305	2.59066603	2.17267205	3.39499195	2.97082035	2.92329804
0.85826444	1.43741528	1.25973489	1.15340539	0.97463379	1.55779408	1.80607116
1.00E-04	0.28223709	0.03597334	0.10851564	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43044858	1.21897525	0.76773307	1.04970886	0.96435183	1.67248313	1.18987013

0.1874069	0.26001034	0.25471532	0.28875661	1.93941066	2.95020983	2.27259227
1.00E-04	1.00E-04	1.00E-04	0.06091562	1.00E-04	0.40480752	1.00E-04
1.00E-04	1.00E-04	0.03786724	0.13245237	1.00E-04	0.29383878	1.00E-04
0.75429163	0.45520064	0.74259227	0.50059306	1.06650982	1.94914522	2.12438878
3.66982444	3.74155511	4.50333184	4.33279346	4.99652229	5.37472398	6.10916642
3.3025035	3.49175534	3.69943847	3.96401965	3.31404849	3.17924203	3.06451913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.08159748	0.21367502	0.14045615	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07716398	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3738693	0.2212674	1.00E-04	1.00E-04	1.00E-04
1.57042495	2.05858846	2.28356225	1.86108936	2.32364068	2.43359856	2.45408528
1.00E-04	0.51548116	0.42406184	0.65135299	0.84757834	0.35904325	1.18594655
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05656436	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.85623883	1.4091525	1.5096424	1.63667629	2.01809012	2.77684715	1.9054286
1.84170025	2.19318036	2.35352469	2.39468476	1.67369659	1.99640997	1.98147397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0969845	0.60156552	0.74254543	0.5553504
1.11182833	1.21397121	1.02342445	0.98862984	0.50488113	1.13278278	1.66925027
0.80766605	0.75680469	0.91263494	1.0294525	1.00E-04	1.53765348	1.00E-04
1.00E-04	1.00E-04	0.04092646	1.00E-04	1.00E-04	0.41285312	0.23648577
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38262809	0.70796776	0.27932093	0.32131278	0.44085717	0.11293056	0.49641187
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29138726	0.42000866	0.4005313	0.37296837	1.00E-04	1.00E-04	1.00E-04
1.91401558	1.82736016	1.6228853	1.87985651	1.83826239	1.63820816	1.99735067
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22248093	0.5148015	0.65584241	0.30460762	1.00E-04	0.78149047	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04442058	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4859367	1.08072757	0.73701039	0.43676911	1.00E-04	0.29729505	0.96620088
1.00E-04	1.00E-04	0.0481326	0.04874148	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08873842	0.09947247	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43175438	1.42057153	1.08900244	1.07611648	1.94292734	2.27627883	1.92545803
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44072508	2.75025441	2.42836657	2.60919017	2.11916789	2.57381066	2.3261516
0.36567567	1.00E-04	0.25668954	0.25522612	0.67168427	0.48118019	0.28754422

0.45920475	0.68305361	0.56902465	0.63823687	1.06561063	0.9854979	1.84488005
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15701227	0.11794404	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17018868	0.07193611	0.23414435	1.00E-04	1.00E-04	1.00E-04
0.32314426	0.04336477	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13977744	0.27790564	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68018715	0.28967098	0.78142973	1.00E-04	1.00E-04	1.00E-04
1.84412744	1.07478799	1.10799331	1.5253162	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33862109	0.07165963	0.11433353	0.60156552	1.00E-04	0.28948344
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21383266	0.42321996	0.08332716	0.16631203	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22843273	0.14073481	0.27503743	0.38488463	0.27371291	0.11491268
1.00E-04	1.00E-04	0.06260811	0.07233037	1.00E-04	1.00E-04	1.00E-04
0.23936956	0.15523998	0.04133524	1.00E-04	1.37642022	1.29242536	0.31369572
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44505111	0.36867523	0.79713669	0.93454645	1.00E-04	0.27093829	0.17016891
1.02544677	1.57356494	1.64290357	1.8672321	0.45086753	1.84851189	1.89884478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03673191	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20487559	0.14309286	0.14261118	1.00E-04	0.48188652	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93736058	0.94699342	0.64015446	0.80798041	1.61830963	1.12505063	0.8006609
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60385671	0.51503146	0.34708932	0.33509377	1.12947156	1.00E-04	0.92152015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34939726	0.78727398	0.49711764	0.49706857	1.00E-04	1.00E-04	0.32346163
1.5512832	1.31707036	1.17911248	1.01528767	1.00E-04	1.00E-04	1.00E-04
0.78942898	1.22158232	2.02165647	2.13664229	0.70650282	1.20160932	1.95648486
1.2352168	2.20147303	2.48384273	2.69723325	1.0138841	1.90785594	2.74941072
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17261534	1.00E-04	0.05104705	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06657573	0.23696061	1.00E-04	0.35498049	0.45275821
1.00E-04	1.00E-04	1.00E-04	0.05513539	1.00E-04	1.00E-04	1.00E-04
2.43461764	2.6898001	2.6180767	2.62004526	1.16221461	2.62491831	2.24528981
0.34777204	0.06110646	0.24497595	0.49562519	1.00E-04	1.00E-04	0.50636853
1.00E-04	1.00E-04	0.16548451	0.24692705	1.00E-04	1.00E-04	1.00E-04
0.77029709	0.05854233	0.06634579	0.13717711	1.00E-04	1.00E-04	0.28991116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.236383	0.10797004	0.61856275	1.00E-04	0.19293133
1.00E-04	0.39176051	0.10492507	0.22609446	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68730966	0.76555285	0.88962904	1.00E-04	1.00E-04	1.00E-04
0.2900321	1.00E-04	0.15695189	0.08461704	1.00E-04	1.00E-04	1.00E-04
1.24108581	2.04795465	1.65585379	1.626328	1.8185672	1.39841933	2.3567049
0.39948227	1.00E-04	0.11811265	0.0492395	1.00E-04	1.00E-04	1.00E-04
1.25247214	1.77495961	0.81228731	0.70498174	0.35320673	0.19146001	1.05509109
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11565659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24431554	1.00E-04	0.07450971	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.69043823	1.00E-04	0.45275821
1.57620052	1.34060474	1.71087873	1.64588756	0.768034	1.67905708	2.28900962
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.38121272	1.00E-04	0.30942025	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.97091986	0.83491317	0.34810799
1.00E-04	1.00E-04	0.04470852	1.00E-04	1.93094087	0.53649066	0.40593783
0.45463228	1.00E-04	0.0639215	0.10473523	1.00E-04	1.00E-04	0.20964658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29138726	0.53739188	0.56617418	0.51475576	1.00639663	0.11466061	1.00E-04
0.54026301	0.8056481	1.26495352	1.59360375	0.82056047	1.06973282	1.57947721
1.00E-04	1.00E-04	0.10106737	0.11614905	1.00E-04	1.00E-04	0.96811261
2.13679096	2.08395986	1.72626312	1.83151306	1.92876131	1.66397183	1.2934292
1.00E-04	1.00E-04	0.06857904	0.06044136	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12786659	0.07393797	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96725114	0.53184371	0.50849032	1.00E-04	0.11240321	0.85621874
1.00E-04	0.31975009	0.15064545	0.06413063	1.00E-04	1.00E-04	0.25275834
1.00E-04	1.00E-04	0.13128556	0.29702387	1.00E-04	1.00E-04	0.23204834
1.00E-04	0.44299202	0.16024621	0.11424801	1.00E-04	1.00E-04	1.00E-04
0.80014982	1.26159747	1.29445168	1.31078179	1.96986727	2.09232679	2.13552134
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34492066	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10585212	0.20018811	0.600898	1.28436061	1.00E-04
1.00E-04	1.00E-04	0.06637854	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82600001	1.03328104	1.22113876	1.20641006	0.54065888	1.88730412	0.83402088
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90086517	0.99073358	0.66965349	0.46153328	1.00E-04	0.5286194	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18041332	0.06175009	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.25624121	0.39243715	0.65792353	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11862771	2.54997616	2.26667911	2.60546136	1.68929439	2.57429855	1.52880662
0.19366475	1.00E-04	0.20741447	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68519043	0.05947039	0.26869083	0.08898465	1.00E-04	0.06695938	1.00E-04
1.00E-04	1.00E-04	0.07974385	0.07351006	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38875054
2.11946846	3.14875485	2.90401081	3.13235148	2.12774163	2.86990293	3.03272274
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51179359	0.91597287	1.03752536	1.07900119	0.74365793	1.2283162	1.60730231
0.85048323	0.79176164	0.61577095	0.64298744	1.00E-04	1.11775368	0.771911
3.28933987	2.79550382	2.60502799	2.61990567	1.72410477	2.21179932	1.79951702
0.4544683	0.23853055	1.00E-04	0.15000972	2.20610359	0.91682037	0.71611363
1.00E-04	1.00E-04	0.07890147	1.00E-04	1.00E-04	1.00E-04	0.11491268
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.5989138	0.08225755	0.20571844	1.14379378	1.08124999	0.92666006
1.00E-04	1.00E-04	1.00E-04	0.17291506	1.00E-04	1.00E-04	1.00E-04
0.2375689	1.00E-04	0.11536119	0.12770208	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45330561	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.02922749	1.00E-04	1.00E-04	1.00E-04
1.25921332	0.67936898	0.70354195	1.11825259	1.00504309	0.45109589	0.87619634
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.43419028	1.84435878	1.10434045	1.17961171	1.01562787	1.64886623	1.07214823
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.43655957	2.73489881	2.43098179	2.58314261	3.06008975	3.06348097	1.95372976
1.00E-04	1.00E-04	0.05628029	0.24612762	1.00E-04	0.70481626	0.42133223
2.22851478	1.63610526	1.66807997	1.44670018	2.28087131	2.9286607	1.31536209
0.52769583	0.10957543	0.25306647	0.37341595	0.40975599	0.60556515	0.53561829
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22073621	0.3097489	0.09663709	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14939575	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71544202	0.51058037	0.21212571	1.00E-04	1.00E-04	0.73993324
0.96850971	1.75046573	1.32048433	1.50567684	0.60156552	0.99310008	1.05988901
1.00E-04	0.26739551	0.09902336	0.10045497	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26692347	0.24285506	1.00E-04	1.00E-04	0.46435976
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26178384	1.04349407	0.25063571	0.20092642	1.28193985	0.96625811	0.13785291
1.00E-04	1.00E-04	0.11909514	0.32515718	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22947295	1.00E-04	0.18330086	0.06347517	1.00E-04	0.28215124	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26871703	0.38552542	0.21022845	0.30382155	0.6397631	0.57028545	1.00E-04
2.32797138	2.86150103	1.93059194	2.08585442	2.32513847	2.63692385	2.13434442
0.61477732	0.17125564	0.55791979	0.50576089	1.371904	0.97061305	0.32484108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05194837	1.00E-04	1.00E-04	1.00E-04
1.83059425	0.84209289	0.75079248	0.88562693	1.05772513	1.00E-04	0.23893483
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08029034	1.00E-04	1.00E-04	1.00E-04
1.77123693	2.03264251	1.74947763	2.29548931	0.41241033	1.66892976	1.6955406
1.00E-04	1.00E-04	0.05625675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49307914	0.59561214	1.00600694	1.13634558	1.00E-04	1.00E-04	0.780778
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78271467	0.58138156	0.37214283	0.5061892	1.00E-04	0.84972718	0.32061292
0.14282873	0.24132401	0.08103199	0.12208261	1.00E-04	1.00E-04	0.33758991
0.1943788	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19046343	1.00E-04	0.17860118	0.17142632	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.10640763	0.29230808	0.40710654	0.99787678	0.68625515	0.33190286
0.464358	0.0644423	1.00E-04	0.13850121	1.00E-04	1.00E-04	1.00E-04
2.93826223	3.62594564	3.34052438	3.60792315	2.44712937	3.65427022	3.26517858
1.00E-04	1.00E-04	0.05842281	0.33140548	0.54065888	0.12640632	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08447912	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05786354	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28147645	0.09702665	1.00E-04	0.36619253	0.11491268
0.47058597	0.66522707	0.5914517	0.87285226	1.3513226	0.35973677	0.48696079
1.00E-04	1.00E-04	0.07417948	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07185488	0.16108548	1.00E-04	0.35621081	0.33758991
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15155819	1.91450125	2.35357627	1.83807032	2.57584003	2.2104957	2.61276025
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14491563	0.4683059	0.49708668	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22049514	0.18938246	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06111543	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13436217	0.13109894	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17306133	0.3113206	1.00E-04	1.00E-04	0.38790491

1.42523384	1.91412999	1.76593961	1.61128334	1.27278833	2.09697714	0.8009918
1.28142607	1.85435617	1.52865871	1.60895822	1.41823521	1.68005515	0.76759295
1.00E-04	1.00E-04	0.27140046	0.19486604	0.77042044	1.00E-04	0.9186015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78294826	0.73136319	0.31982231	0.31196128	2.43462102	0.88218484	0.30861155
1.00E-04	1.00E-04	0.14370078	0.41622337	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08502661	0.05559603	0.78234266	0.26855651	1.00E-04
0.27699986	0.28692327	0.13872387	0.33378856	1.97781421	1.33139435	0.3216658
1.74271334	1.90327649	1.21458913	1.45696096	2.79540046	2.27291358	1.83641706
1.05895799	0.60672006	0.61892695	0.52066831	1.00E-04	0.8815583	1.00E-04
0.50640348	0.45098451	0.21507542	0.10981747	1.00E-04	1.00E-04	1.00E-04
2.38133164	2.69843429	3.16329932	2.93233051	2.2781583	2.65164275	3.3377514
0.68239875	0.33469642	0.54476138	0.7044827	1.17838573	0.56853804	0.58392423
2.72680624	2.427839	2.0127169	2.25775354	2.53548718	1.90315545	1.36761233
1.00E-04	0.42776997	0.20637116	0.60154536	1.00E-04	0.33769545	0.40975344
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07485971	0.23432393	1.00E-04	0.44085717	0.23817629	1.00E-04
1.00E-04	0.82454967	0.39134511	0.12639764	0.40674922	1.00E-04	1.88981278
1.00E-04	0.20375924	1.00E-04	0.10342071	1.00E-04	1.00E-04	1.00E-04
0.1887281	0.51353953	0.32000496	0.16075436	1.00E-04	0.99127861	1.00E-04
1.99713366	2.20763361	2.06197473	2.18084794	1.09288526	1.6741685	2.20913284
0.74477463	0.67236907	0.60342258	0.48065436	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21939195	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53381134	0.05269667	0.08418517	1.07672939	1.01119838	0.45933366
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03815188	0.11368319	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15985423	0.23006094	0.35460505	1.00E-04	0.28215124	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14265331	1.00E-04	1.00E-04	0.08490146	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04622198	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11426406	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3562201	0.46546729	0.54969672	0.4807357	1.40145716	0.9393208	0.47759547
0.56097362	1.17011001	0.77008031	1.09737396	2.26184085	2.41430554	2.47762583
1.00E-04	0.18508902	0.04640539	0.16773991	1.00E-04	1.00E-04	1.00E-04
0.93517866	1.42922912	0.88191124	0.46776966	1.00E-04	1.23155092	0.77864435
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33758991
1.00E-04	1.00E-04	0.04322842	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14903946	0.04032521	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66244018	3.16983045	2.53892448	2.13028542	3.16856009	2.5288189	2.7840061
1.00E-04	1.00E-04	1.00E-04	0.12391886	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1681222	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17828755	0.26760866	0.37879619	0.15424693	0.68552334	1.00E-04	0.30302762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47258469	1.00E-04	0.04907218	0.08129484	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0441248	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1897832	0.07589069	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26092065	0.9391213	1.03205108	0.68097355	1.29751729	1.375902	0.24459234
1.00E-04	1.00E-04	0.04199344	0.20114604	1.00E-04	0.2210583	0.55482782
1.07369498	0.75717055	0.82396685	0.27449007	0.65823999	1.13812321	0.65713655
1.00E-04	0.28921298	0.09053787	1.00E-04	1.00E-04	0.61786682	0.35317396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15280901	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39714416	0.17877842	0.30871483	1.00E-04	0.80877792	1.00E-04
1.49423049	1.18651489	0.65926845	0.87408517	1.00E-04	0.83248725	0.27751596
1.40920639	2.12953372	1.62504684	1.77839504	1.00E-04	0.53841855	1.30125841
1.00E-04	1.00E-04	1.00E-04	0.07917554	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34603826	0.24375077	0.16080685	0.32204129	1.00E-04	1.00E-04	0.40869447
1.00E-04	1.00E-04	0.11778175	0.05022155	1.00E-04	0.22044102	1.00E-04
1.00E-04	1.00E-04	0.05243982	1.00E-04	1.00E-04	1.00E-04	0.13723188
0.12230013	0.26183888	0.54402923	0.13800577	1.00E-04	0.1982747	0.88559829
1.00E-04	0.97669438	0.73923613	0.76402488	1.00E-04	0.67761112	0.22681224
1.00E-04	0.38284153	0.25770689	0.32105968	1.00E-04	1.00E-04	0.4749709
2.16051396	2.39615234	2.49169268	2.61120664	2.60342395	2.76275092	3.14433388
1.00E-04	1.00E-04	0.04315906	1.00E-04	1.00E-04	1.00E-04	0.1989351
1.00E-04	1.00E-04	0.12547563	1.00E-04	0.42197018	0.51556887	1.02309934
1.45230407	1.7099781	0.62990447	0.44847591	2.46626083	1.10207791	1.50121415
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55687986
1.00E-04	0.29172884	0.18771913	0.16680754	1.00E-04	0.11293056	0.34861727

0.3141684	0.15985423	0.14663294	0.25909023	1.00E-04	1.00E-04	1.47689378
1.00295056	0.32715061	0.88334032	0.51346759	0.83036233	1.50303818	1.52207034
0.94566477	1.37841285	0.64931875	0.5684081	1.20020642	1.0361675	0.20964658
1.03551442	1.2642208	1.59842573	1.42153667	0.7465085	1.00267516	1.24058361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27477876
0.36990848	0.23752417	0.08066468	0.0675241	1.00E-04	0.22057069	1.00E-04
1.00E-04	1.00E-04	0.0591129	0.05181355	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45026059	0.36833962	0.3134631	1.00E-04	0.29910931	0.52895463
0.47432201	0.64240863	0.3617259	0.44030146	0.68552334	0.81159625	0.13866036
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05794752	0.52567336	0.8639133	0.81546128	1.00E-04	0.85278353	0.54672458
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.24747823	1.00E-04	0.24554172
0.88481695	0.79299602	0.78236899	1.1382822	0.63583153	1.26406748	0.9968328
1.00E-04	1.00E-04	0.1914997	0.07324033	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02599912	2.15325408	2.2143202	2.61635071	1.10070734	0.9501778	1.4835162
1.00E-04	1.00E-04	0.11551249	0.04606645	1.00E-04	1.04300631	1.00E-04
0.87359643	1.60431038	1.29089295	1.31758634	1.60688265	2.06931193	1.17578602
1.15460326	0.59144185	0.54494859	0.68548362	0.52105756	0.83559193	0.76155438
0.46898814	0.61186955	0.70281292	0.81958154	1.00E-04	0.68300832	1.8964077
1.00E-04	1.00E-04	0.14116779	1.00E-04	1.00E-04	1.00E-04	0.09464396
1.00E-04	1.00E-04	0.13927459	1.00E-04	1.00E-04	0.26819566	1.00E-04
0.69035889	0.79747409	0.81235956	1.03815804	0.89553159	0.94201705	1.30989155
1.00E-04	1.00E-04	0.03991829	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3993758	0.10434295	1.00E-04	1.00E-04	0.29050809	0.07440699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09360602	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03327666	1.00E-04	1.00E-04	0.25930142	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34036424	0.27672816	0.27142239	0.02295412	0.42197018	1.00E-04	0.40593783
0.36884143	0.34459695	0.31100458	0.3026104	0.30780692	0.91402245	0.92331755
0.76168754	1.15194376	0.75254705	0.79860312	2.7776301	0.50168452	1.35938257
1.00E-04	0.34947685	0.07017165	0.10022196	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45149967	0.04327711	0.26199087	1.00E-04	1.00E-04	0.21257887
1.00E-04	0.32046411	0.0287895	0.17947589	1.00E-04	1.00E-04	0.64014496
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60261556	0.20355385	0.35956147	0.23987808	1.30762922	0.44379381	0.14701138
0.40426555	0.4163497	0.14908207	0.20589526	1.00E-04	0.28191199	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64170832	0.484955	0.29199686	1.00E-04	0.5286194	0.24295541
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03875094	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.57533538	2.07514082	1.17201844	1.45899005	0.89966157	2.27061403	1.29627572
0.48335795	0.79690542	0.31636261	0.36691023	1.00E-04	1.58212874	0.32061292
1.00E-04	1.00E-04	0.06298936	1.00E-04	1.00E-04	1.00E-04	0.48830516
0.55868684	0.05111793	1.00E-04	0.14672583	1.00E-04	1.00E-04	0.38152741
1.00E-04	0.24926102	0.18042074	0.23592293	1.00E-04	1.39182719	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13752206	1.00E-04	1.00E-04	1.00E-04
3.3807725	3.30051081	3.48580008	3.37997507	3.43482867	3.94806745	3.87456085
0.23522054	0.90023739	0.52933956	0.65150916	1.00E-04	0.14939575	0.24295541
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.25441546
0.11503627	0.45736176	0.27367981	0.19266645	0.60581275	0.71985017	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51223063	0.98577757	0.81444718	1.36901873	0.74910948	1.83510804	0.82426748
1.00E-04	0.22278314	0.06595529	0.1454301	0.85493749	1.00E-04	1.00E-04
0.4576614	1.37909133	0.69884219	0.65053432	1.84397416	1.48700116	0.66939288
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02743295	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17016891
0.96303068	0.97891389	0.75284936	0.631617	1.21478763	1.54708326	1.401512
1.00E-04	1.00E-04	0.02461662	1.00E-04	1.00E-04	0.38271585	0.24851266
0.74107107	0.56805942	0.03101322	0.22713432	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12548796	0.60156552	1.06559974	1.00E-04
0.57647931	0.40209556	0.21375683	0.05670137	0.78094411	0.3670047	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53019284	0.3226256	0.16234924	0.39692601	1.00E-04	1.00E-04	0.16909838
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10524698	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.29805031	0.9250742	0.95622714	0.756313	0.35320673	0.42586725	1.00E-04
0.9898385	1.1329456	0.72944251	0.57597307	1.22355885	1.00E-04	0.5197861
1.00E-04	1.00E-04	0.12951011	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.58587769	2.88155209	2.87791513	2.86308872	3.11412231	3.09126277	3.27669206
1.00E-04	0.16379083	0.08868686	0.05394356	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14473147	1.26881568	0.89851116	1.23297522	0.50894684	1.07610183	0.56651772
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43649623	0.72356388	0.64812432	0.83630553	1.00E-04	0.31559802	1.00E-04
1.0888744	1.34583259	0.68553436	0.85591992	1.00E-04	1.00E-04	1.00E-04

0.4855382	0.76810603	0.65970596	0.76084375	0.54065888	1.00E-04	0.11699513
1.4948082	1.58632125	1.89279415	1.93245694	1.87869225	1.80750574	1.96239624
1.00E-04	1.00E-04	1.00E-04	0.04510018	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31056119	1.00E-04	0.3999194	0.2620407	1.00E-04	0.63164515	1.00E-04
1.64416076	2.26273248	2.11058599	2.13593028	2.14151037	0.77164168	1.51830854
1.00E-04	1.00E-04	0.16342516	0.06245385	1.00E-04	0.27580628	1.00E-04
0.36229845	1.00E-04	1.00E-04	0.24973195	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79551356	0.52991897	0.45028803	0.45028065	1.32457871	1.89574974	1.67446452
1.00E-04	1.00E-04	0.20492521	0.09612699	1.00E-04	1.00E-04	1.00E-04
1.45478771	0.54685651	1.78921155	2.09784779	1.00E-04	1.59173463	1.85922827
1.00E-04	1.00E-04	1.00E-04	0.06760578	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32565933	0.26781497	0.24456304	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00053127	0.98144697	0.86774345	1.0737573	0.84960687	1.02347775	1.33526431
2.62100643	3.12285905	2.52248111	2.30176858	2.37280799	3.5885404	3.19930265
1.00E-04	0.29654504	0.05492765	0.05313343	0.60156552	0.67173748	0.08557164
1.00E-04	1.00E-04	0.06423811	0.0503029	0.97453972	1.68492868	0.80599903
1.08661431	1.44219742	1.09322162	1.35434711	0.89394396	2.16351405	2.56176106
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07837603	1.00E-04	1.00E-04	1.00E-04
0.58646564	0.06680567	0.23160833	0.21494253	1.00E-04	1.157951	0.25203293
2.79689788	3.37397552	3.38256419	2.6980551	1.00E-04	1.00E-04	0.23785888
3.26835766	3.57699932	4.2406146	4.31417925	2.7284408	3.2995212	2.89267215
0.42577276	1.00E-04	0.25467936	0.10855024	1.00E-04	0.99578247	1.00E-04
0.77930894	1.1650975	1.47434668	1.30983876	1.53251379	2.63836144	2.96901393
1.00E-04	1.00E-04	0.22547097	0.14110816	1.00E-04	1.00E-04	0.11808513
1.00E-04	1.00E-04	0.0593346	0.13365896	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05236835	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87689277	0.45792493	0.44751329	0.50578819	0.40912496	0.88526115	0.64877269
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16023425	0.38904782	0.47896842	1.00E-04	0.12583522	0.18109982
0.23582726	1.00E-04	0.07658681	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00427066	0.67304217	1.33174789	1.18284364	0.63583153	0.54134197	1.02181165
1.00E-04	1.00E-04	0.24015663	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18350893	0.03582959	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07166771	0.06974873	1.00E-04	0.26650081	1.00E-04
1.00E-04	0.3092273	0.14132305	0.04814538	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1362077
0.69237032	1.5108131	0.87076078	0.94867793	1.00E-04	1.83708592	1.17268778
1.00E-04	0.36646516	0.26388272	0.18780453	1.00E-04	0.43958412	1.00E-04
1.00E-04	0.36840451	0.05411116	0.20689576	0.71649841	0.22044102	0.4663667
1.00E-04	1.00E-04	1.00E-04	0.03924878	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28904681	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55686139	1.42726931	1.6317015	1.60141596	0.42197018	1.15428913	1.27841949
0.35383474	1.00E-04	0.04749518	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27305074	0.23158757	0.24444414	0.63609922	1.00E-04	1.00E-04
0.5122997	1.25493053	0.20620576	0.46843646	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06969655	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.23750389	1.00E-04	0.54106652	1.00E-04
0.44351902	0.3432546	0.25406167	0.51604649	1.00E-04	0.45330561	1.13839491
1.36144814	1.3376242	1.69525869	2.06251275	1.00E-04	1.09722576	0.74826435
0.2662018	0.22516966	0.29194311	0.05163169	1.4041966	0.57555655	0.91480433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57973775	1.09752182	0.96180725	0.61235854	1.31456742	0.82074265
2.12832803	1.97056609	1.59411029	1.84310451	3.44678471	2.86872089	2.01671791
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28314675	1.02809543	0.8414695	1.00E-04	0.39723272	0.63074451
1.47961142	1.62518345	0.97480677	1.301165	3.33140424	2.88318257	1.87532169
1.00E-04	0.35453905	1.00E-04	0.04373815	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45289165	2.01733092	1.51738394	1.2625934	1.24116361	2.24733391	1.34634658
0.46148304	0.53206992	0.41532336	0.06860154	1.00E-04	0.64266456	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36317177
0.97778574	1.41595816	0.68269086	1.18006462	2.66263817	2.37054538	2.2221844
0.39165512	1.36260381	1.04128654	1.08650253	1.00E-04	1.28247737	0.83312177
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4089476	1.12882003
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34569211	1.54031912	1.05273424	0.8551309	1.0439172	2.13295155	0.59275737
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96104676	1.00E-04	1.00E-04	0.18958394	0.89285252	0.56588329	1.00E-04
1.00E-04	1.00E-04	0.19341965	0.06808342	1.68686997	1.03266025	1.707812
1.00E-04	0.14127426	0.04127816	1.00E-04	1.00E-04	1.00E-04	0.27794631
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40171885	1.00E-04	1.00E-04	0.07486905	1.00E-04	1.00E-04	0.75353298
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13353489	0.10498701	0.07868502	0.38488463	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16983413	0.9771258	0.64413166	0.38881109	1.49972144	0.7360518	1.31567852
1.00E-04	1.00E-04	0.04184971	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42442279	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1382571	0.18164676	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17149389	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.42858366	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09221558	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.66646962	0.18153051	0.10646593	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.35453257	0.3145182	0.10040207	1.00E-04	0.54010753	1.00E-04
1.00E-04	1.00E-04	0.03890225	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44312376	0.31782811	0.30174738	0.25854169	1.00E-04	0.31666865	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24538996	1.08696977	0.44948308	0.45112408	1.00E-04	0.27371291	0.50814514
0.238384	1.00E-04	0.44295145	0.41426812	0.54293045	0.91054585	0.84438352
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15815701	1.00E-04	1.00E-04	0.15740177	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09881536	0.19667417	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12174474
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14838342	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04715446	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08180667	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77724263	0.77457441	0.09989031	0.14584973	1.00E-04	0.72190198	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26361328	0.21135235	0.03898118	0.0373653	1.00E-04	1.00E-04	0.14635168
1.00E-04	1.00E-04	0.06454646	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05269268	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07542677	0.06846708	0.49775343	0.29050809	0.76673745
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09221558	1.00E-04	0.43958412	1.00E-04
1.00E-04	1.00E-04	0.06456195	0.25823411	1.00E-04	0.72471656	0.67105398
1.00E-04	1.03446252	1.15638688	1.39898739	0.8946943	0.85450804	0.62747097
0.14265331	0.6617436	0.52681884	0.56493013	0.24496797	1.00E-04	0.45308445
1.00E-04	1.00E-04	0.04774811	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10559702	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14180904	0.27291223	0.08453941	1.00E-04	0.58675633	1.00E-04
1.00E-04	0.14968168	1.00E-04	0.05242582	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11491268
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56783307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05352451	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14856477	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80472163	1.19112265	1.3969789	1.07289015	0.52105756	0.92483089	0.67761917
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07598089	0.10314566	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23231305	0.6585673	0.65759615	0.52105756	0.53799721	0.13723188
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10447218	0.28557418	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08865762	1.00E-04	1.00E-04	0.35163059	1.31991969
1.00E-04	1.00E-04	1.00E-04	0.27563875	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0769226	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15389327	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12120358	0.0883096	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.45638231	0.71968888	1.00E-04	1.00E-04	0.39041828
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15942843
1.00E-04	1.00E-04	0.17294046	0.57612064	1.00E-04	1.00E-04	1.00E-04
1.49318408	1.02275609	1.07068609	1.1792089	1.00E-04	1.27376582	1.51130395
0.63002971	1.00E-04	0.03906609	0.04268289	1.07694717	1.00E-04	0.09760498
1.00E-04	0.31503781	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08557164
1.29790508	1.0894299	0.63209911	0.71060618	1.06042818	1.00E-04	0.43366316
1.00E-04	1.00E-04	0.15837911	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4667755	0.79771013	0.74568508	0.94512417	0.7092816	0.53525511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.5163774	1.94135057	2.15383946	1.98400024	1.17212197	1.14560464	1.70369293
1.05818504	0.74426438	1.05946843	0.97414809	1.02519834	1.00E-04	0.9020117
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58220332	0.54235693	0.31681159	0.94745979	0.9995587	0.11699513
0.2633732	1.67517828	0.65100544	0.45084819	1.2318984	2.18969652	0.85828452
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48789243	0.71545058	0.2938864	0.27522953	0.74462267	1.39389471	0.20772946
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3924612	1.00E-04
0.39938962	1.00E-04	0.12706423	0.28924858	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42188991	0.75929334	0.1162087	0.46562892	0.52474525	0.64465715	1.00E-04
0.59775803	1.04783342	0.63044766	0.600186	1.00E-04	1.05754699	0.44593772
1.00E-04	0.16714916	0.37518142	0.23372195	1.00E-04	1.02182079	0.88559829
0.64441202	0.926596	0.81869346	0.89107089	1.00E-04	0.26855651	0.21257887
1.98027572	1.63180767	2.02041371	1.84453686	0.87647427	2.21457179	3.04052043
0.98438278	1.32249306	1.15248778	1.47847215	0.49833685	1.40831237	1.3125585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06150548	1.00E-04	1.00E-04	1.00E-04
0.17691039	0.39749458	0.6185574	0.58171726	0.61235854	0.30619215	0.53628241
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27710863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49233834	1.39055867	0.50459328	1.52346582	1.00E-04	0.7143963	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23105979	0.55874959	0.12949688	0.08942863	0.40674922	1.37947314	1.40312807
1.00E-04	1.00E-04	0.05553655	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15291577	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24197078	0.16151419	0.11469784	0.0900542	1.86495671	0.27052208	1.00E-04

1.00E-04	1.00E-04	0.12826997	0.14613244	1.00E-04	0.84797779	0.19124552
1.00E-04	1.00E-04	0.39301535	0.17464986	0.71649841	0.67349916	0.17016891
1.00E-04	1.00E-04	0.69816115	1.24598211	1.00E-04	0.81361688	1.00E-04
0.38245833	0.40140936	0.56142899	0.86269062	1.00E-04	1.00E-04	1.00E-04
0.4410793	0.99068931	0.49028045	0.79725783	0.40674922	1.00E-04	1.00E-04
1.00E-04	0.1714881	0.05132901	0.05640385	1.00E-04	0.64106879	1.00E-04
1.00E-04	1.00E-04	0.1654539	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05986286	0.16174394	1.00E-04	1.00E-04	0.11565659
0.91641285	1.69611668	0.65332897	0.87965886	1.4964771	0.95886796	1.20112661
0.66086744	1.74076385	1.10164647	1.20146473	1.3500624	1.78052955	1.6031481
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23334734	0.14069476	0.2199539	1.00E-04	1.00E-04	1.00E-04
0.21126039	1.18223141	0.8333706	0.90810234	1.00E-04	0.8032088	0.60552054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4636045	1.00E-04	0.20119602	0.09635025	1.00E-04	1.00E-04	0.23172291
0.36178713	0.717207	0.42138046	0.28755299	1.00E-04	1.00E-04	0.46622677
0.17198161	0.47862448	0.262714	0.03910055	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20761411	0.15924106	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93461225	1.00E-04
2.89593297	2.88391751	2.40351949	2.45818589	2.05139514	1.25897912	0.62528425
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85610785	1.00E-04
0.92067591	1.07297064	0.55541234	0.2364097	1.05070843	0.55480864	1.25898389
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11547014	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07460918	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19720201	0.04518037	1.00E-04	1.00E-04	1.00E-04
2.22307358	1.77383652	1.77857745	1.81750773	2.03639824	2.07650587	1.92663047
1.00E-04	1.00E-04	0.07619618	0.10710081	1.00E-04	1.00E-04	1.00E-04
0.80456611	0.43265733	0.53410705	0.53735352	1.00E-04	0.69695431	0.6171328
1.00E-04	0.59385209	0.12063908	0.16309034	1.00E-04	0.40107176	0.48830516
0.59695665	0.22921129	0.24556269	0.38629723	1.00E-04	0.87892585	1.08885209
1.00E-04	1.00E-04	1.00E-04	0.11200979	1.00E-04	0.86488658	0.72054476
1.00E-04	0.19574143	0.14197599	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24290281	0.1068574	0.31518203	1.00E-04	0.28241755	0.60877972
0.63773838	0.41803286	0.22052325	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38886982	1.54955342	1.73142291	1.53317783	1.47417455	1.60049225	2.08297024
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.142965	1.14875079	0.8734552	0.70818047	1.00E-04	0.91263547	0.89483516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.1416757	1.25185956	1.27601652	0.71544408	0.34097617	1.15100348
0.16998337	0.53726356	0.20099736	0.15095319	1.00E-04	1.00E-04	0.30631903
1.00E-04	1.00E-04	0.04665491	0.18990811	1.00E-04	1.00E-04	1.00E-04
0.60682972	0.61143737	1.22878419	1.17228121	1.03592704	1.37618927	2.39896954
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33936022	1.7958466	2.09269171	1.97020113	1.76855916	2.0786206	2.06352031
1.00E-04	0.22476835	1.00E-04	1.00E-04	1.00E-04	0.27606067	1.00E-04
1.00E-04	0.47602307	0.07211344	0.07842003	1.00E-04	0.1839207	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34603826	1.00E-04	0.27934034	0.17092834	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04872448	1.00E-04	1.00E-04	0.17016891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14155105	0.02969849	0.09681266	0.53515803	0.28135532	0.84858956
0.37628263	1.00E-04	0.10595475	1.00E-04	1.00E-04	1.71877579	0.24295541
0.68541621	0.62613324	0.37521547	0.27847299	0.74156267	0.88598871	1.77523867
1.00E-04	1.00E-04	0.05089198	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07664066	0.50894684	1.00E-04	1.26772878
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.86590551	2.68105937	2.6601711	2.89438156	1.00E-04	1.00E-04	0.31078224
1.10775964	1.61961915	2.5811281	2.3617028	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05119225	0.19226727	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25624121	1.00E-04	0.13844754	1.00E-04	1.00E-04	1.00E-04
0.45756937	1.00E-04	0.30033496	0.61423323	0.67391014	1.00E-04	1.00E-04
0.40284669	1.00E-04	0.10682779	0.2231642	1.00E-04	1.00E-04	1.00E-04
1.72316832	1.36607405	1.84112282	1.847787	1.84194979	1.98330054	2.19501221
1.00E-04	0.72697166	1.95459012	1.80985469	1.00E-04	1.00E-04	0.4749709
1.00E-04	1.00E-04	0.14092118	0.15145038	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05104652	1.00E-04	1.00E-04	0.61996741	1.00E-04
2.95231187	3.47281846	3.65157442	3.84132395	3.13367791	3.67317666	3.00552933
0.33303475	0.91495976	0.64523232	0.80904299	1.00E-04	1.25629113	0.41062209
0.81467007	1.00E-04	0.18103587	0.45499398	1.00E-04	0.53331445	0.20283809
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26285974	0.77522842	0.76019161	0.35320673	1.00E-04	0.57492506
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04575807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.73204989	0.12506751	0.1890721	0.67865304	1.00E-04	1.00E-04
0.52000122	0.28494425	0.44028788	0.50030137	0.48823099	1.47491065	0.46435976
1.00E-04	0.24104451	0.319642	0.19136537	1.603995	2.10776496	0.3392339
1.00E-04	1.00E-04	1.00E-04	0.13646557	1.20723397	0.94279338	1.56164151
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0838544	1.00E-04
3.16025941	3.52827737	2.33619139	2.27948861	3.03835358	3.10431565	2.97223417
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07805406	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.81344675	0.49799862	0.4854233	1.00E-04	0.89019044	1.00E-04
1.29194207	1.8891332	1.92642338	1.9322752	1.12962764	1.86891709	2.46953246
1.00E-04	0.3597556	0.61705134	0.60589758	0.70997801	0.06695938	0.5196529
1.56154451	2.33311366	2.12467467	2.37833745	1.39279231	0.72107075	2.0050649
0.42006157	1.00E-04	0.28751031	0.4460711	1.00E-04	0.50674064	1.00E-04
1.30026849	1.41065006	1.58201106	1.51834482	1.45470272	1.47647728	0.80653261
1.00E-04	1.00E-04	0.06413089	1.00E-04	1.00E-04	0.7297588	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08500478	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3737872	0.78818947	0.68251279	1.00E-04	0.40480752	0.66203159
1.00E-04	1.00E-04	0.08674121	0.09415162	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82200859	1.381085	1.11261274	1.45264789	1.61062515	1.52556964	1.72947578
1.00E-04	0.29998025	0.30871961	0.49062129	1.00E-04	0.22939333	0.27477876
1.00E-04	0.22921129	1.00E-04	0.17967885	1.00E-04	1.00E-04	1.00E-04
0.5290449	0.17079261	0.0482016	1.00E-04	1.00E-04	0.47549475	0.31424664
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04811293	1.00E-04	0.17095354	0.10254595	1.00E-04	0.84797779	0.18401526
1.00E-04	1.00E-04	1.00E-04	0.06657502	1.00E-04	1.00E-04	0.30554045
2.75567436	3.21013704	3.32045805	3.25861931	3.29695981	3.24601353	3.58409427
1.00E-04	1.00E-04	0.03124738	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.046558	1.00E-04	1.00E-04	0.48188652	1.00E-04
1.01677448	0.38843053	0.61183489	0.61771117	1.48040256	1.05093143	0.13723188
1.00E-04	1.00E-04	0.00941854	0.1493505	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05071361	1.00E-04	1.00E-04	1.00E-04
1.6417473	1.42588417	1.89567773	2.10849032	1.96975271	1.85221169	1.60833402
1.29861323	1.18550448	0.99566609	0.84710292	1.4394129	2.11701419	1.87997005
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05157936	0.78364631	0.75247339	0.59121916	1.42044239	1.40632507	1.19894367
1.8641056	2.19333476	2.23124751	2.27880122	1.90213031	2.11052498	2.25971192

1.30866589	1.68915946	1.93690419	1.97969089	1.50836564	2.30014766	2.3156992
0.39149292	0.15322963	0.21570528	0.60584898	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04965192	0.14295781	1.00E-04	0.61319376	1.00E-04
0.32350681	0.11407072	0.29452486	0.65477101	0.61305258	0.86376613	0.48696079
1.00E-04	0.47254225	0.38934044	0.57713366	1.00E-04	0.44877195	0.11699513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55008501	1.68617369	1.81333948	1.8388417	2.25926039	2.50400729	2.16917033
1.00E-04	1.00E-04	0.08198064	0.20503218	1.00E-04	1.00E-04	1.00E-04
0.26269535	1.00E-04	0.1057819	0.11229357	1.00E-04	1.00E-04	0.11565659
1.00E-04	0.20873021	0.22706161	0.31162167	1.00E-04	0.36174581	0.19482141
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28135532	1.00E-04
0.16166602	0.57204009	0.49934649	0.24273917	1.13335077	0.39261666	0.9736167
1.00E-04	1.00E-04	0.04732804	0.03797959	0.30780692	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13167179	0.08878669	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.95638145	0.58232043	0.75727858	0.51366621	0.59332897	1.15154424
1.00E-04	0.38884593	0.32408754	0.44894768	1.00E-04	0.71031573	0.13285762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45437955	1.29860359	0.90664004	1.01638429	0.61235854	1.32308047	0.24545255
0.50322107	0.96112113	0.78723049	0.8004667	1.00E-04	0.94595009	1.38113751
1.00E-04	1.00E-04	1.00E-04	0.0953635	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05378197	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31246706	0.30527774	0.03836408	1.00E-04	1.00E-04	1.00E-04	0.37745445
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15249642	0.23128007	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18970191	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43888655	1.00E-04	0.28140561	0.16017165	1.00E-04	1.00E-04	1.00E-04
0.14282873	0.49657465	0.38108313	0.5185045	1.00E-04	1.00E-04	1.00E-04
1.43382117	1.14632903	2.68850705	3.04196919	2.10192113	1.18675145	2.17812983
0.64501605	0.15760251	0.37493018	0.20354128	1.00E-04	0.62757209	1.00E-04
2.49879516	2.80226397	2.38816375	2.58424215	4.87395682	5.34329611	4.80788438
0.86182156	0.91194008	0.88340078	1.14760701	1.00E-04	1.66974815	1.22882607
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53861671	1.53148928	1.60640694	1.60131731	1.7116827	1.86320812	2.3590792
1.00E-04	1.00E-04	0.1057564	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03453698	0.26149299	0.89753357	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03970031	1.00E-04	1.00E-04	1.00E-04
1.15188567	1.26688779	1.60814112	1.60803026	1.15235008	1.13667827	2.29049234
0.76181526	0.8738403	1.08006795	0.92149182	1.00E-04	0.58732198	0.4625527
1.00E-04	1.00E-04	0.14046075	1.00E-04	1.00E-04	1.00E-04	0.34337974
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.38744001	0.58961383	0.21987125	0.50695674	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53933293	0.17610033	0.21858564	1.00E-04	1.00E-04	1.00E-04
1.43304195	1.52010468	0.7716464	1.05987854	1.00E-04	0.3924612	0.23172291
0.44388852	1.00E-04	0.36931606	0.19115462	1.00E-04	0.23105475	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0372073	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18424341	1.00E-04	1.00E-04	1.00E-04
1.21113212	0.46705945	0.53512292	0.31920094	1.00E-04	1.00E-04	1.14542741
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06697389	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19265414	0.28310297	1.00E-04	1.00E-04	0.14635168
1.00E-04	1.00E-04	0.26045995	0.13077567	0.85853783	1.00E-04	1.00E-04
1.00E-04	0.26203924	0.13151681	0.03285888	1.00E-04	1.00E-04	0.34032951
1.14482042	1.38476858	0.95891819	0.79662117	1.90908621	0.67152491	1.64748223
0.23936956	1.00E-04	0.16748543	0.47795097	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13517461	0.19481374	1.00E-04	1.00E-04	0.26189932
0.24487091	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1982747	1.00E-04
1.17120845	1.77281457	1.79744491	1.86306343	1.26501206	2.54348865	2.20376899
1.00E-04	1.00E-04	0.23093077	0.1551263	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1142274	0.1839147	1.00E-04	1.00E-04	1.00E-04
4.75487561	4.92436919	5.61790619	5.81125539	0.6906587	0.73519358	1.11144664
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16297549	0.33216063	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28555821	0.09833422	0.0855252	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05665539	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14155105	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11543493	0.11201324	1.00E-04	0.13071865	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06094812	0.04127123	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32350681	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40284669	1.00E-04	0.04884938	0.1717516	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.55892876	0.20583547	0.4592506	0.65910354	0.61292905	0.26662489
1.00E-04	1.00E-04	1.00E-04	0.09915468	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15581557	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05033913	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08531005	0.09769816	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0681446	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04516645	1.00E-04	1.00E-04	1.00E-04	0.16909838
1.00E-04	1.21782149	1.07212516	1.43866665	1.65178899	0.80642855	1.20334648
1.00E-04	1.00E-04	0.0486726	1.00E-04	1.00E-04	0.45330561	1.00E-04
1.00E-04	1.00E-04	0.31504822	0.34450092	1.00E-04	0.35621081	0.25370611
1.00E-04	1.00E-04	0.07163651	0.03644933	1.00E-04	0.65173525	0.11565659
0.87386615	0.54856095	1.14030388	1.18796022	1.75502556	0.63970721	1.26523454
0.32717795	1.19933155	1.05538104	1.25007304	1.36088349	1.0335887	0.84453966
1.00E-04	1.00E-04	0.03131284	0.05276231	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11888122	0.36744723	0.32885677	1.00E-04	1.00E-04	0.14635168
1.08142063	1.35549961	1.08817214	0.98945426	1.87797514	1.24628985	1.46350233
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11237495	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0139196	0.76852187	0.87616972	1.00662398	0.78803008	1.6691478	0.66365209
1.36326938	0.84819379	0.71476187	0.74767488	0.82944646	0.26855651	0.56273644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07389887	1.00E-04	0.14939575	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11433741	0.20551207	1.00E-04	1.00E-04	1.00E-04
0.4240961	1.00E-04	0.22511001	0.37485373	1.00E-04	0.27423953	1.03440665
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40559899	0.52352076	0.27072902	0.28740821	1.00E-04	1.00E-04	1.00E-04
0.22998931	0.44929152	0.16451241	0.26676496	0.81642207	0.13071865	1.00E-04
1.00E-04	1.00E-04	0.10958351	0.10196022	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22074923	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.52499264	0.37539046	0.14946519	1.00E-04	1.00E-04	1.02098016
1.69907068	1.75352196	1.8215945	1.80528545	2.30948093	2.652883	2.75724537
0.67504601	0.42888825	0.98249373	0.86198268	1.00E-04	0.81265245	0.4189923
0.86554178	1.77087176	1.44585971	1.41632813	2.06519351	2.30075676	1.68073232
1.00E-04	1.00E-04	0.12481299	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44450647	0.56394711	0.54086281	0.55964322	1.00E-04	1.21511301

0.4277899	1.00E-04	1.00E-04	0.09430118	1.00E-04	1.00E-04	1.00E-04
0.50790913	1.00E-04	0.11402912	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03593969	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22044102	1.00E-04
1.00E-04	0.2367435	0.03330138	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2425114	1.00E-04	0.18136243	0.15083722	1.00E-04	1.00E-04	1.00E-04
0.27145036	1.00E-04	0.22177962	0.20380173	1.00E-04	1.00E-04	0.17349997
2.10371534	1.69638389	1.62678672	1.58090885	1.65990774	1.5902937	1.16642518
1.00E-04	1.00E-04	1.00E-04	0.0377743	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10543673	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8320217	1.14228355	1.12006047	1.2003597	0.52474525	0.77642043	1.33851906
0.74816523	1.32936744	0.74394444	0.72466729	0.60156552	0.41861588	0.98577855
0.53343535	0.43030824	0.94041044	0.98550008	0.77042044	0.17294963	0.86860241
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.90435773	2.99055212	2.54065775	2.1962451	0.39382455	0.74213067	0.35317396
1.00E-04	0.31484039	0.32943608	0.27163899	1.00E-04	0.35973677	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.19530503	1.00E-04	1.00E-04	1.00E-04
0.29960046	0.53072245	1.09604467	0.8131144	1.00E-04	0.42387713	1.00274267
1.96852038	2.56024685	1.58340666	1.95798186	3.43724577	2.88803482	2.94447166
1.00E-04	1.00E-04	0.18935353	0.03893173	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23421868	0.31975145	0.40334689	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07031844	1.00E-04	1.00E-04	0.59405079	0.23172291
0.59553042	1.00E-04	0.1313426	0.13253063	1.00E-04	1.00E-04	1.00E-04
1.63499802	1.77781134	1.5387704	1.39287855	2.00923504	2.13954824	1.75744949
0.34939726	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65202755	1.00E-04
0.17523629	1.00E-04	0.06271452	0.11754194	1.00E-04	1.00E-04	1.00E-04
0.669103	0.22516966	0.33364022	0.38153266	1.00E-04	1.00E-04	0.62400016
1.00E-04	0.44680803	0.45921195	0.38385624	1.71136821	0.54585037	1.47227176
1.00E-04	1.00E-04	0.15109785	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1650213	1.01439714	0.49205495	0.88946538	1.00E-04	0.78475962	0.92411167
0.23251313	0.25019766	0.20022351	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80018432	1.1265393	1.03193944	1.28802854	0.67391014	0.90131225	1.54373117
3.80836209	4.06604093	3.64769458	3.03290777	3.2992411	2.40705257	2.40120484
1.60815595	0.45201661	0.23524367	0.30987959	1.00E-04	0.28135532	0.32597388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.46593183	2.95839871	3.33165667	3.23970349	1.92020413	2.79162214	2.86872251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25275834
0.47041768	1.45152781	1.73563104	1.61868373	1.89383578	1.71085676	1.12770349
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66943871	1.00E-04	0.07474927	0.0734135	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03367236	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36476135	1.7460741	1.92974098	2.06806177	2.58980239	2.25861932	2.69523973
1.00E-04	1.00E-04	0.30547591	0.27152179	1.00E-04	1.00E-04	0.25370611
1.00E-04	0.19453493	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40593783
1.00E-04	0.17652021	0.07955861	0.10157256	1.00E-04	0.51529835	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14882744	0.07155251	1.00E-04	1.1950651	1.73779181
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24191202	0.16000985	0.20157363	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20073793	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35237497	0.62640457	1.00E-04	1.00409571	1.47834368
1.79637253	2.59175827	1.92625821	1.98626578	1.8425966	2.29337919	2.66377861
1.59938554	2.01091418	1.55993102	1.89505974	2.72204657	1.97046545	1.78754086
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04601337	1.37843489	1.21680814	1.00E-04
1.47741342	2.55326253	2.11861561	2.11724345	2.3550413	2.49589277	2.56840724
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43670524	1.00E-04	1.00E-04	0.03988725	1.26588822	1.13517493	0.35106062
0.14265331	0.39648731	0.07455451	0.05210331	0.89553159	1.00E-04	0.16885696
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49735914	2.96333222	2.70881236	2.64212203	2.14382171	2.75518641	2.44494292
1.00E-04	1.00E-04	0.07279289	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06846708	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14487002	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08868686	1.00E-04	1.00E-04	0.60175551	1.00E-04
1.00E-04	0.19245908	0.21580405	0.11209554	1.00E-04	1.00E-04	1.00E-04
1.55415443	2.20559335	2.33556687	2.20125887	2.36669616	2.06410669	2.64567697
1.00E-04	0.42941157	1.00E-04	1.00E-04	1.00E-04	0.28241755	1.00E-04
0.57396952	0.74311206	0.45380178	0.52118875	1.00E-04	1.00E-04	0.68380586
3.32421508	3.67159413	3.94592652	4.21834529	3.34883804	3.65913469	3.99728342
0.20534776	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4542793	1.00E-04
0.70584667	0.86446016	1.29333835	1.41372979	1.00E-04	1.20134589	1.63690799
1.00E-04	0.11863037	0.08289155	1.00E-04	1.00E-04	0.60946566	1.00E-04
0.20634675	0.30789576	0.2341744	0.22513346	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17785615	0.03411216	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.24390788	0.18458178	0.63624882	0.64432453	1.00E-04	1.00E-04	0.09464396
1.00E-04	0.66680949	0.2031312	0.40918557	0.55964322	0.80785729	1.18081449
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7062268	0.757947	0.27772764	0.27664571	1.00E-04	0.23689648	1.00E-04
0.31577327	1.00E-04	0.27313182	0.47931293	1.00E-04	1.00E-04	0.11565659
1.00E-04	1.00E-04	0.11567114	0.12671821	1.00E-04	0.36741216	1.4934031
0.477294	1.00E-04	0.36914799	0.4174822	0.62031206	1.51820039	0.5636919
1.00E-04	0.21175139	0.08650207	0.06772046	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28058578	0.27117444	0.12745679	0.27765258	1.00E-04	0.6879573	1.00E-04
0.3969046	0.37045424	0.24938298	0.18871903	1.05070843	1.00E-04	0.11565659
1.00E-04	1.00E-04	0.04173932	0.11193837	1.00E-04	0.53967595	0.21495559
0.97699237	1.92637796	1.4826988	1.4947658	1.64222774	1.55824065	1.45348999
0.18257026	0.10640763	0.14929619	0.14755031	1.00E-04	0.33659068	0.32494734
1.00E-04	0.62010949	0.39262567	0.49423638	1.00E-04	1.00E-04	1.00E-04
0.51534328	1.00E-04	1.00E-04	0.07080914	1.00E-04	1.00E-04	1.00E-04
0.50282682	1.00E-04	0.06836982	0.14762959	1.00E-04	1.00E-04	0.20144178
0.58982378	0.55783602	0.21407477	0.02233962	1.1690552	1.4775748	0.59701519
1.00E-04	1.00E-04	1.00E-04	0.05157453	1.00E-04	1.00E-04	0.59378046
0.53451321	1.03623435	1.03745738	1.23974949	0.40912496	0.54106652	1.06719938
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04819519	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03615707	0.16973445	1.00E-04	1.00E-04	1.00E-04
0.27217448	0.05411367	0.27463904	0.3896717	1.00E-04	1.00E-04	0.16257726
1.00E-04	1.00E-04	1.00E-04	0.10643133	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.099423	1.00E-04	1.00E-04	1.00807479	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0966985	1.09335365	1.575697	1.39510812	1.00342572	1.97261307	0.97482476
0.92503009	0.48644371	0.9125658	0.6561871	1.00E-04	2.16265708	0.56453405
0.28117047	0.19035543	0.32178721	0.18538073	0.51102197	0.61904659	1.00E-04
1.00E-04	1.00E-04	0.04802089	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0836809	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37018596	0.1196742	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2187603	0.23272845	1.00E-04	1.00E-04	0.20772946
1.00E-04	1.00E-04	0.0519035	0.07822245	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05902446	1.00E-04	1.00E-04	1.00E-04
0.238384	1.00E-04	0.1698199	0.40585225	0.70772077	0.65957407	0.14635168
2.0877697	2.05097871	1.83051265	1.39068387	1.73003652	1.87328805	1.92716167
2.41019564	2.80122816	2.70422553	2.75490161	1.40348304	2.91660109	1.97926525
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06280473	1.00E-04	1.00E-04	1.00E-04

0.95809681	1.00122202	0.62409219	0.40885075	0.52105756	1.78879329	0.62318582
0.21749776	0.2201583	0.5486246	0.32081608	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.6003024	1.01747764	1.07275839	0.42197018	0.25966641	0.76078111
0.29114248	0.88095433	0.4589945	0.55812305	1.00E-04	0.68775596	0.89966606
1.00E-04	1.00E-04	1.00E-04	0.06192797	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05310241	0.05707188	1.00E-04	1.00E-04	0.12174474
1.00E-04	0.80623353	0.62602946	0.69027108	1.00E-04	1.00E-04	0.29945792
0.17691039	0.42448557	1.09073964	1.01164437	0.40912496	0.47847626	0.9234139
0.39938962	0.28200877	0.15022134	0.35534875	1.00E-04	0.40848101	1.00E-04
0.40115733	0.20893058	0.41184043	0.58278758	0.84141936	1.02499373	0.83146165
0.11503627	0.22597662	0.59107259	0.67129107	1.00E-04	0.21159524	1.00E-04
0.71595603	0.59948602	0.41191518	0.57369585	3.67615128	2.50846464	1.75338955
1.00E-04	0.30676823	0.10785605	0.08875849	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.63874521	0.43561885	0.23630861	1.00E-04	1.00E-04	0.28816756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69133288	0.04733209	0.4416703	0.33518836	0.61856275	0.06695938	0.2166229
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.15985423	0.43795292	0.42264177	0.40674922	0.59690854	1.21291981
1.71949245	2.28216868	3.08057171	2.79304658	2.40079836	2.27586118	3.03792541
4.6276891	5.01886656	5.7463901	5.78008611	4.07761632	4.80894624	5.45661613
1.66284887	2.29642659	2.37444313	2.91391112	2.97906878	2.79728983	2.86573548
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03946152	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06602451	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09104832	0.0637212	1.00E-04	1.00E-04	1.03436808
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26217563	0.37778367	0.19255686	1.00E-04	1.00E-04	0.79449072
0.72581866	0.40392009	0.21811377	0.3931018	1.01504505	0.73588813	0.71656365
1.43042838	1.40703151	1.26181548	1.67136406	1.00E-04	1.5706888	1.75473564
1.00E-04	0.2643775	0.26399588	0.03137624	0.58708779	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25749965	0.24823474	0.07754945	1.00E-04	1.00E-04	0.79158058
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04304166	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28066254	1.17568341	1.68776724	1.0110242	1.67448055	1.7534958	1.96643697
2.59634458	3.00566558	3.6975969	3.74824275	2.23773548	2.52187078	3.33567594
1.00E-04	0.4098098	0.10498362	0.25892994	1.00E-04	1.19918189	0.46875509
1.00E-04	0.37673535	0.14605425	0.08353079	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06350033	0.11434989	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08910391	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78196003	0.97220848	0.27872713	0.04370396	1.00E-04	1.00E-04	1.00E-04
3.29329981	3.73975538	3.53579354	3.70098828	2.82872217	4.03212753	3.92064634
0.23382749	0.20795625	0.36204888	0.19694192	1.00E-04	1.00E-04	0.21257887

2.31610731	2.65626922	2.97780144	3.32061174	0.63609922	1.95002085	3.08285102
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67406902	0.71107473	0.93083036	1.00E-04	0.36686909	1.00E-04
1.00E-04	1.00E-04	0.06425346	1.00E-04	0.43090184	0.16158638	0.77378823
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28375456	0.89379039	0.5365466	0.59205413	1.00E-04	1.12451737	0.58854101
0.21654948	0.27157786	0.25624062	0.37945409	1.00E-04	0.12971519	0.55096953
1.00E-04	0.20898966	0.13057477	0.17887097	1.00E-04	0.58367938	1.24401941
0.83563098	1.07135242	0.56648501	0.49706234	0.48060496	1.92714356	1.07461315
0.28375456	0.41244694	0.77432504	0.67121763	0.63609922	0.64400611	0.43935876
0.97912466	0.81285765	1.46487427	1.39187408	1.08867221	2.2035482	1.29864848
1.30832351	1.80160867	1.99121697	1.94350908	1.5152846	2.67073826	2.50814858
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.51550594	0.25871909	0.72828927
1.00E-04	1.00E-04	1.00E-04	0.11014455	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0613839	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12865893	0.26068746	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13298688	0.0408371	1.00E-04	1.00E-04	1.00E-04
3.98599661	4.42412281	4.37448454	4.50969442	3.62333668	4.30895084	4.52240513
0.12130432	1.00E-04	1.00E-04	0.04769355	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20391871	1.2683129	0.65981505	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05434706	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34197146	0.27650015	0.07324893	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40237598	1.00E-04	0.42766645	0.36025714	1.00E-04	1.00E-04	0.52072336
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39840199
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96168041	0.06593912	0.20852392	0.93145379	1.15610239	1.01676531
1.56804788	1.55260772	0.95467073	1.16778724	2.03808141	1.48170461	0.99348677
1.00E-04	0.18508902	0.11349443	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13285762
2.20817736	1.90793602	2.2716908	2.69972399	1.24207531	1.43858035	2.3001821
1.00E-04	1.00E-04	1.00E-04	0.05350981	1.00E-04	1.00E-04	1.00E-04
0.69242458	1.00E-04	0.64912566	0.17218506	1.00E-04	1.00E-04	0.90893264
1.00E-04	1.00E-04	1.00E-04	0.08146075	1.00E-04	1.00E-04	1.00E-04
0.28953729	0.6655372	0.43186427	0.51491878	1.00E-04	0.3924612	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11112402	0.12248666	1.00E-04	1.00E-04	0.28948344
1.00E-04	1.00E-04	0.10372455	0.02381856	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07837603	0.56063254	1.00E-04	0.14635168

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24616494	0.30018894	0.13190244	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4549357	0.46431134	0.11061712	0.61305258	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04062345	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06225907	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08198064	0.09175407	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16059971	0.09663953	1.00E-04	1.00E-04	1.00E-04
0.28534263	0.04733209	0.16317153	0.35989167	1.00E-04	0.53033425	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.142948	1.00E-04	1.00E-04	1.00E-04
0.23251313	0.33102733	0.21997708	0.14480111	1.00E-04	1.00E-04	1.00E-04
0.77004262	0.51497925	0.39318651	0.17506669	1.00E-04	0.26855651	0.74640779
1.00E-04	1.00E-04	0.11542851	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05828031	0.09417402	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06221706	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0390151	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05604574	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03261105	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34058254	0.6430254	0.52716057	0.59385715	1.00E-04	0.13071865	1.0049569
0.87472456	0.14321209	0.15148196	1.00E-04	0.35750248	0.4310837	0.49077974
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36055806	1.00E-04	0.046558	0.16087487	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02857543	1.00E-04	1.00E-04	0.38271585	1.00E-04
0.18986072	1.13000379	0.34694741	0.12981867	0.48060496	0.66776439	1.37970181
1.00E-04	1.00E-04	0.04591428	0.04494065	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33228871	0.71979692	0.22804568	0.55544655	0.56063254	0.96119974	0.38864073
1.00E-04	1.00E-04	1.00E-04	0.06914471	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03827078	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18646256	1.00E-04	1.00E-04	1.00E-04	0.6171328
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08118726	0.08418517	1.00E-04	1.00E-04	0.48918601
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26269535	1.00E-04	0.14982677	1.00E-04	1.00E-04	1.00E-04	0.81589962
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81774333	0.7837153	0.7573474	0.64692371	1.62894458	1.60152207	1.43982614
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33971235	1.00E-04	0.44525332	0.32499747	0.45086753	0.23817629	0.28754422
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05658816	1.00E-04	1.00E-04	0.12583522	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07337495	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16246889	0.21534463	1.00E-04	1.00E-04	0.07440699
1.00E-04	1.00E-04	0.3635823	0.27044426	1.00E-04	0.62075894	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.52479386	0.1320329	0.0676385	1.00E-04	0.86488658	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04685809	0.08413447	1.00E-04	1.00E-04	0.11565659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0861575	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06090671	0.05205479	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10717564	0.04179577	0.61305258	1.84997961	2.02561827
1.00E-04	1.00E-04	1.00E-04	0.10208181	1.00E-04	0.1839207	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20371415	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51713876	1.00E-04	0.23328676	0.76498199	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37139059	0.07729125	0.08112961	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08576147	1.00E-04	1.00E-04	1.00E-04
0.42591334	0.23881798	0.10396851	0.41308786	1.00E-04	1.00E-04	0.74116824
1.00E-04	1.00E-04	1.00E-04	0.04305103	0.61235854	1.00E-04	0.25370611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00751993	2.11254305	2.04728206
0.50640348	1.00E-04	0.11356581	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.08159748	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04965941	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11128294	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06266407	0.05461189	0.15186393	1.92456067	1.41618945	0.33937397
1.00E-04	0.44277824	0.60985697	0.66847958	1.00E-04	0.71452568	0.990845
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27864306	1.00E-04	1.00E-04	1.00E-04	0.47083282	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5675646	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.473951	1.00E-04	0.5307228	0.39533879	1.42888139	1.00E-04	0.75215768
1.00E-04	0.14285049	0.12122757	0.17230439	1.00E-04	1.00E-04	0.1989351
1.44306797	1.26931616	1.40062547	1.52688273	0.44340029	0.79342292	1.03235978
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06641133	0.10649899	1.00E-04	1.00E-04	1.00E-04
0.12230013	0.95434632	0.38728024	0.29869743	1.15540872	0.662321	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70152846	1.00E-04	0.38749073	0.27267889	1.00E-04	1.28962914	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89554883	1.10791619	0.32350203	0.19868125	0.768034	1.00E-04	0.08557164
1.00E-04	1.00E-04	0.07446596	0.09323733	1.00E-04	0.48673018	1.00E-04
1.00516755	0.39385959	0.28026264	0.29885865	1.31644556	0.91197546	0.81996151
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17089524	0.08335568	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09800665	0.42197018	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11223764	1.00E-04	1.43985809	0.68006117
1.00E-04	0.17652021	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16748158	0.79085461	0.15275109	0.07949088	1.00E-04	0.38271585	1.0861377
1.00E-04	0.37646192	0.26560193	0.27317922	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0655291	1.00E-04	1.00E-04	1.00E-04
0.62586775	0.34590082	0.21497127	0.28001094	1.39387802	1.29296244	1.00E-04
0.2633732	1.00E-04	0.08848255	0.1344936	1.00E-04	1.00E-04	0.27477876
0.39772407	0.88544206	0.63651903	0.78046901	1.00E-04	1.00E-04	0.79418439
1.40145516	1.73210344	1.0097368	0.99324207	0.54370492	1.92457131	1.53611409
1.00E-04	1.00E-04	0.05569242	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26681589	1.09703549	0.86656018	0.71685357	0.60156552	1.44861414	0.88644753
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07772782	0.0978946	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45669	1.00E-04	0.09646702	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04779902	0.04305103	1.00E-04	1.00E-04	1.00E-04
0.97171733	1.13064894	1.0801102	1.08049925	1.13672662	0.69358449	1.69529994

1.00E-04	1.00E-04	0.64574141	0.6341349	0.43177254	1.00E-04	0.15149617
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62960519	0.89158418	0.80889844	0.91670703	1.30470583	1.91717168	0.865288
0.99944497	1.00E-04	0.4280832	0.53253702	1.00E-04	0.2210583	1.00E-04
1.00E-04	1.00E-04	0.07180166	0.07716398	0.30780692	1.00E-04	1.00E-04
0.38391452	0.63974958	0.3212301	0.38440221	1.24730419	0.22941088	1.00E-04
1.00E-04	1.00E-04	0.10088713	0.09769816	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25084482	0.70653567	0.73960634	0.56213849	0.58708779	0.44655973	1.04194156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70952266	0.76233618	0.61122923	0.5966844	1.80157699	2.30005834	0.76229942
1.00E-04	1.00E-04	0.19755334	0.10360477	0.45889659	1.06902689	0.60552054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09440035	0.24496797	1.00E-04	0.11491268
1.41656844	0.90850422	0.74620382	0.75827411	1.00E-04	1.26101603	0.19124552
1.00E-04	1.00E-04	0.06657573	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45140548	0.06771236	0.47169164	0.1349498	1.00E-04	0.7143963	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11071203	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13907928	0.05381425	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21099892	0.48315558	0.51397724	1.00E-04	1.00E-04	0.59950259
0.43383783	0.90244329	0.20494319	0.37541303	1.00E-04	0.28298762	0.35106062
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05015433	1.58943696	2.07085905	2.06169294	2.10048192	2.03430936	1.79435036
1.00E-04	0.68742013	0.86300722	0.63101291	1.00E-04	0.5886213	0.84462948
1.00E-04	1.00E-04	0.04727813	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0838544	1.00E-04
0.51698213	0.19574143	0.274991	0.20402502	1.00E-04	1.00E-04	0.52666096
1.00E-04	0.23318549	1.02797103	0.91298745	1.00E-04	0.63108653	0.6371545
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12885586	1.05481789	1.31489796	1.56862669	1.00E-04	0.66182821	0.12174474
0.17523629	1.00381242	0.48271186	0.40498821	1.00E-04	1.35598868	1.45381553
1.00E-04	1.00E-04	0.38926953	0.19734445	1.78950988	1.00E-04	0.79140597
1.00E-04	0.21304752	0.18897458	0.04317738	1.00E-04	0.4379604	0.34291356
1.00E-04	1.00E-04	1.00E-04	0.09016207	1.00E-04	0.36471294	1.00E-04
1.00E-04	1.00E-04	0.14324156	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04446463	0.0440761	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90828368
1.00E-04	0.11033993	0.13480924	0.08029034	1.00E-04	0.83221949	0.36317177

2.40158288	2.62774518	2.23621203	2.32448962	2.3579101	3.22375924	2.28303836
1.00E-04	1.00E-04	0.0560925	0.09576732	1.00E-04	1.00E-04	0.3216658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50282682	0.5627465	0.56250553	0.34678436	0.74365793	0.63751501	1.13249191
1.00E-04	1.00E-04	0.05643381	1.00E-04	1.00E-04	1.00E-04	0.34861727
1.00E-04	0.40302213	0.0337357	0.3076908	1.00E-04	0.90826387	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03689189	1.00E-04	1.00E-04	1.00E-04
1.23814285	1.57090994	1.2417661	1.07479902	0.76811405	0.51804755	1.0070463
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43233747	0.61701977	0.14550951	0.29439148	1.2669936	0.51086809	0.65644676
1.00E-04	0.11033993	1.00E-04	1.00E-04	0.47257629	0.30082489	1.00E-04
2.80549709	2.86830066	3.5756797	3.55647905	2.30678149	2.49075923	3.70650819
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.07032082	0.56149661	0.09464396
1.00E-04	1.00E-04	1.00E-04	0.06399846	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09871543	1.00E-04	1.00E-04	1.00E-04	0.10785897
1.00E-04	0.18974755	0.05007714	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05868725	0.04609684	1.00E-04	1.00E-04	1.00E-04
0.3276738	1.00E-04	0.15766726	0.29847806	1.00E-04	0.55940929	0.220236
0.49596984	0.59517199	0.41981553	0.39894781	1.00E-04	0.23105475	0.92207317
1.00E-04	1.00E-04	0.04143074	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05567324	0.96889973	2.02112078	2.03984398	0.40912496	1.185347	1.55050294
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28846672	0.09766292	0.05178475	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21257887
2.22866843	2.06016071	1.92463877	1.73647702	2.24546119	2.84187548	1.84901022
1.12400134	1.13746915	0.81747299	1.02977231	1.76437512	2.11608753	1.31415341
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88703562	1.61227643	2.46804176	2.67890674	0.97043959	1.98939351	2.74666646
1.00E-04	1.00E-04	0.11033591	0.03938149	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06700702	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22382096	0.09615487	0.14342135	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09216089	0.23018386	1.00E-04	0.66584108	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98318724	1.32226165	1.1975241	1.32253556	0.60156552	0.68865004	0.81059299
1.6222994	1.82769285	1.77986008	1.85759471	2.60342622	2.33003278	2.42371905
0.43285416	0.14180904	0.04102008	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31577327	1.12360624	0.5513165	0.82695238	1.00E-04	0.59221444	0.37440717
0.27089922	0.52928008	0.69536767	0.60811555	1.00E-04	0.81362866	0.66780015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64608234	0.6813321	1.16869499	1.44269037	1.00E-04	0.75401192	0.6749801
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.13904689	0.04491177	1.00E-04	1.00E-04	0.12174474
1.00E-04	1.00E-04	0.05092089	0.75602581	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69668015	0.47839905	0.3851905	0.25419089	1.00E-04	0.36782053	0.10785897
1.00E-04	1.00E-04	0.06413089	0.15339301	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55325424	0.05582472	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20388268	1.00E-04	1.00E-04	1.00E-04	0.14939575	1.00E-04
0.66648277	1.00E-04	0.97094593	0.94023872	1.00E-04	0.4651314	0.66707248
1.00E-04	1.00E-04	0.05844494	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.2104075	0.19332482	0.16415383	1.67977969	1.61749348	1.58036964
1.00E-04	1.00E-04	0.42319541	0.35489409	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.462143	0.09482922	1.00E-04	1.09322281	1.00E-04	0.11565659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42575048	0.21463319	0.76210524	0.36954718	1.74776958	1.33275122	0.80497282
1.00E-04	0.06522668	0.2214966	0.16237146	2.7840496	1.00E-04	1.00E-04
0.58559416	1.03998719	0.52197157	0.88450271	0.6669022	0.91587615	1.33236932
1.00E-04	0.30615332	0.14392621	0.0792429	1.3602774	1.15142369	0.68006449
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18992959	0.1344119	1.00E-04	1.00E-04	1.00E-04
0.21914294	1.00E-04	0.24822041	1.00E-04	0.44340029	1.00E-04	0.19124552
0.17727073	0.1530431	0.40491925	0.54989003	0.9509544	0.68718932	0.71180596
0.19212494	0.35106349	0.04978057	0.05425772	1.00E-04	0.43385867	1.00E-04
0.72039379	1.03388778	0.16934011	0.2640609	3.38747243	4.33073276	4.3195035
0.23936956	0.27379322	0.26497982	0.15586082	1.00E-04	0.28241755	1.00E-04
1.00E-04	1.00E-04	0.07352311	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49303593	0.97551029	0.90563171	0.85416095	3.22832185	1.00E-04	0.6970144
1.00E-04	1.00E-04	0.25318861	0.24187275	1.00E-04	1.00E-04	0.16909838
1.00E-04	0.2580128	1.00E-04	1.00E-04	1.21478763	1.00E-04	0.31671355
0.32649863	0.2981273	0.08005248	0.07735623	0.24496797	0.29937888	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22167859	1.22636137	1.2581012	1.26156715	2.17807621	1.1609655	1.52227428
1.00E-04	0.700938	0.31792906	0.37007649	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48828312	0.15532553	1.00E-04	1.00E-04	0.8485738	0.89026325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.401183	1.23198358	1.22847596	1.43035645	0.50488113	1.18527659	1.08242976
1.00E-04	1.00E-04	1.00E-04	0.1572358	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16491696	0.17267741	1.00E-04	0.68821198	0.62901692
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19900397	1.00E-04	0.15340278	0.0581283	1.00E-04	1.00E-04	0.09760498

0.68408975	1.00E-04	0.42179458	0.08584052	1.00E-04	1.00E-04	1.00E-04
1.20126715	0.67669639	0.49312804	0.95929217	1.05113271	0.89724253	0.37170107
1.00E-04	1.00E-04	0.04155234	1.00E-04	1.00E-04	0.11293056	0.23026336
1.00E-04	1.00E-04	0.3840212	0.40748948	1.20077217	0.7398869	0.98540778
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22793776	1.00606127	0.31643226	0.40325832	0.77042044	0.43828417	0.91049628
1.00E-04	1.00E-04	1.00E-04	0.03705327	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31926064	0.15612799	0.38578647	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22931551	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62799909	0.51037876	0.31275474	1.00E-04	1.00E-04	0.4189923
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1908935	1.00E-04	1.00E-04	1.00E-04
0.22513239	1.00E-04	1.00E-04	0.12922092	1.00E-04	1.00E-04	0.37001647
1.00E-04	1.00E-04	0.05251148	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08520191	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27968057	1.00E-04	0.0754691	0.12717982	1.00E-04	1.00E-04	0.83930476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08112844	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1554067	0.16875245	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07144275	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33884663	1.00E-04	0.22323337	0.10612983	1.00E-04	1.00E-04	0.70835358
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04115186	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31128713	0.06771236	0.25066745	0.52462427	1.00E-04	1.00E-04	0.10785897
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03686566	0.02564763	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02562244	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0452096	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12319554	0.09720645	1.00E-04	1.00E-04	1.00E-04
1.53139145	1.53206596	1.12476319	1.0507621	2.28986901	2.05829745	1.59177741
1.00E-04	0.20744347	0.04693986	0.15827017	1.00E-04	0.47354754	1.00E-04
1.00E-04	0.15174552	0.06334543	0.04583981	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03551737	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.15301534	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19003902	0.18645694	1.00E-04	1.00E-04	0.17349997
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02155371	0.0452755	1.30369071	0.43958412	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30240521	0.28105491	1.00E-04	0.09922513	1.00E-04	1.00E-04	0.50986773
1.00E-04	1.00E-04	0.08716302	0.06882117	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23204834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26842597	0.18508902	0.16570237	1.00E-04	1.00E-04	1.00E-04	0.16770769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08447912	0.14681312	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1689039	0.0676385	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1725675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05962398	0.34395241	1.00E-04	0.54461078	1.00E-04
1.00E-04	1.15420144	1.45291964	1.82248727	1.00E-04	1.24546065	0.83531312
2.06399226	1.34608987	1.20240689	1.33555474	1.08320655	0.93971096	1.0816715
1.00E-04	1.00E-04	0.12890736	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65875212	0.41668466	0.15517303	0.41791428	1.00E-04	1.00E-04	0.1362077

1.00E-04	1.00E-04	1.00E-04	0.04582478	1.00E-04	1.00E-04	1.00E-04
3.27050091	2.5614697	2.25980583	2.08517185	3.10348858	2.3321152	2.28254797
1.00E-04	1.00E-04	0.05926155	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32693157	0.136657	0.12629367	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.40177235	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84638966	1.24989683	0.17417522	0.19907796	1.00E-04	0.2496013	0.62744434
1.00E-04	0.25251708	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70388081	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39543626	1.00E-04
0.26050661	1.00E-04	1.00E-04	0.03722597	0.88722648	1.13905532	1.00E-04
0.33080752	0.24748777	0.14545859	1.00E-04	0.39382455	0.47294151	1.00E-04
1.00E-04	0.56310518	0.23513888	0.29212843	1.09322281	1.19366778	0.11491268
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25796486	0.25616823	0.90117869	0.65861252	0.91263593	0.81077296	0.30302762
2.0186075	1.8830967	2.17144749	2.31048662	1.83769999	1.92614597	2.49537253
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08898038	1.00E-04	1.00E-04	1.00E-04	0.50986773
1.00E-04	1.00E-04	0.19490781	0.29413031	1.00E-04	0.4900477	1.00E-04
1.00E-04	1.00E-04	0.05258334	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05759391	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08952014	0.3639212	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14265331	1.00E-04	0.27498072	0.19509613	1.00E-04	1.00E-04	0.28991116
2.38942361	2.65261426	2.70019806	2.98797897	0.7465085	2.5520419	2.18932046
2.0947194	1.61572793	1.564944	1.77202914	0.54370492	0.75133177	1.8786129
0.39499787	1.24272631	0.67464729	0.29200427	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.35910798	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2210583	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04757989	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11236526	1.00E-04	1.00E-04	1.00E-04
0.2937202	0.78602804	0.73208125	0.74127888	1.00E-04	0.36619253	0.16885696
0.97173275	1.31257797	1.1841017	1.41030646	0.64143216	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07335569	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.19581274	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0429386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57021868	1.19688271	0.5246366	0.54066709	1.00E-04	0.14939575	1.00E-04
1.3337131	1.70681081	1.74683354	2.01386184	0.74910948	1.4464731	2.52359622
1.00E-04	1.00E-04	1.00E-04	0.14564881	1.15720948	1.00E-04	1.00E-04
0.70803535	0.50551651	0.77662543	0.87282556	1.00E-04	1.00E-04	0.45932321
1.00E-04	1.24476095	0.52972795	0.85233941	1.00E-04	1.00E-04	1.00E-04
0.66003572	0.98451107	0.81263385	0.50810519	0.43090184	1.30621005	0.89788512
1.33218491	1.73534452	2.06176566	2.05884983	0.99438309	1.00E-04	1.30811236
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32887502	0.70310754	1.45140561	1.49747793	0.77790531	0.82456142	1.27274209
1.00E-04	1.00E-04	0.51247321	0.66632966	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05706023	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67200931	0.40447925	0.49760918	1.00E-04	0.87648189	1.00E-04
1.00E-04	1.00E-04	0.02350877	0.11772006	1.00E-04	1.00E-04	1.00E-04
1.4941202	2.39260329	1.87630431	1.86956747	2.18960489	1.36520334	2.14463347
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18281164	0.08392671	0.11698649	1.00E-04	0.89939897	1.00E-04
0.64631001	1.6221658	0.94277851	0.83613578	1.4263056	1.03275934	1.18850129
0.38262809	0.71495927	0.10059832	0.2514904	1.00E-04	0.38639393	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07967221	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03569075	1.00E-04	1.00E-04	0.11565659
0.15660685	1.00E-04	0.06456195	0.08731602	0.35320673	1.00E-04	1.00E-04
1.90198548	2.36240039	1.66934146	1.67523703	1.8604594	2.31526828	1.92099859
0.47579509	1.18761428	0.79750544	0.99740956	0.6397631	1.75822481	1.71410425
1.00E-04	1.00E-04	0.03792597	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22037605	1.91435995	1.56703111	1.2504448	2.56558467	2.31366893	1.35338925
1.00E-04	0.33400098	0.34141693	0.40971737	0.78996027	1.00E-04	0.69501152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48118019	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61280452	1.00E-04	0.09464396
1.00E-04	0.31493907	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20672136	1.00E-04	0.10660449	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07693029	1.77125725	1.01951558	1.00E-04
1.00E-04	0.3649552	0.23828896	0.39825611	0.61235854	1.00E-04	0.44379634

1.26484041	1.28325766	1.9908674	2.10860662	1.00E-04	1.2603769	0.84458803
0.93657512	0.17079261	0.60372596	0.53043789	0.40912496	1.00E-04	0.77891987
0.75494932	0.51242199	0.41685485	0.28312067	0.74652591	0.3076778	1.00E-04
0.23522054	0.07707022	0.10724998	0.03133052	1.00E-04	1.00E-04	1.00E-04
0.95149918	1.66174853	1.51727727	1.89724214	1.54502284	1.83032929	1.79588833
1.22919621	1.43075992	0.76350915	1.07870158	1.60733976	0.71571775	0.11565659
1.00E-04	0.1819229	0.0735944	0.06597775	1.00E-04	0.58826636	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09894395	0.41241033	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08447912	1.00E-04	1.00E-04	0.58661574	1.00E-04
1.00E-04	0.18784222	0.32381634	0.24273248	0.51366621	0.93944659	1.16233249
0.64964221	0.54015797	0.39612214	0.67749713	0.43177254	1.11618556	0.40409022
1.00E-04	0.5240926	0.35093335	0.29216501	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06227295	1.84036418	0.88462658	0.97177829
2.1986802	2.87049083	2.76337594	2.96446856	2.02302243	3.05470098	2.90202518
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.60552054
1.07466526	1.82801023	1.73266767	1.60315735	2.78827305	1.78821007	2.03897072
0.37810453	1.00E-04	0.06944681	0.1570969	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04390579	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13195	0.01584589	1.00E-04	0.52474525	1.00E-04	1.00E-04
1.00E-04	0.23174331	0.11664778	0.45367605	1.00E-04	1.00E-04	0.425684
1.00E-04	0.11092644	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03291832	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.12026579	0.14774731	0.19308204	1.00E-04	0.5501203	1.00E-04
0.32435596	1.00E-04	0.07649966	0.07308708	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24855088	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22731159	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80107165	0.97273965	1.31382748	1.01851928	3.14482289	2.94284697	2.78476321
0.46076329	1.29040434	0.69432439	1.07505191	0.69043823	1.53171155	0.70647327
1.00E-04	0.5000901	0.34351417	0.68606411	0.61856275	0.89062805	0.71992727
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13071865	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36741216	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16014709	2.19528949	2.0408619	2.09740643	2.55983923	1.9854243	2.73293124
0.36153968	0.21345302	0.38978293	0.18693171	0.51366621	0.30338957	0.55942246
1.33288719	0.70404869	0.65394883	0.56053669	0.40975599	0.49637594	0.13866036
0.2779322	0.2643775	0.38743278	0.50066119	1.00E-04	1.39205749	0.7435749
1.00E-04	1.00E-04	1.00E-04	0.07515095	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.07956942	2.18412765	2.45985015	2.64242987	1.12335417	2.33674534	2.48820196
0.97837275	1.46508405	0.99482083	1.07319809	2.07288305	1.39957297	2.13287825

1.06813445	1.7226988	1.44237399	1.69040428	0.95553167	1.1970383	1.10809026
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16862985	1.00E-04	1.00E-04	1.00E-04
0.90433884	0.96807055	0.73923061	0.99596158	1.00E-04	0.39519973	1.57349809
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05826768	0.09010391	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14193279	1.00E-04	1.00E-04	0.06662263	1.00E-04	1.00E-04	1.00E-04
0.80609049	0.89464074	0.80495257	0.74198187	0.70997801	0.61993788	0.31698023
0.60861961	0.43733393	0.249369	0.11076844	0.38488463	1.00E-04	1.00E-04
1.00E-04	0.18458178	0.07048431	0.10331772	1.00E-04	1.00E-04	1.00E-04
0.8794447	1.09742831	0.55287187	0.77814068	1.15749774	0.56889235	0.12174474
1.00E-04	1.00E-04	0.03099893	0.06926467	1.00E-04	1.00E-04	1.00E-04
1.11829244	1.52984099	0.16619493	0.85806942	1.48731391	1.0327911	0.75730768
0.59071271	0.37936361	0.30722445	0.17234926	1.14379378	0.71605608	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88729976	1.29719689	1.14682808	1.2912599	0.69158286	0.92371637	2.46516239
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59553042	0.43796587	0.66403497	0.78494431	1.32772154	0.49318038	0.99602366
1.00E-04	0.21233045	0.13317019	1.00E-04	1.00E-04	0.33659068	1.00E-04
1.00E-04	0.61535946	0.24266875	0.43079188	1.00E-04	1.00E-04	0.58165963
0.83788373	1.3792906	0.81711453	0.71690127	1.00E-04	1.13894823	0.90389634
1.00E-04	1.00E-04	1.00E-04	0.10518402	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21463319	0.05198375	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2446639	1.00E-04	0.1443907	0.25405216	1.00E-04	1.00E-04	0.16257726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1587501	0.03415152	1.00E-04	1.43963386	0.73115588
1.00E-04	1.00E-04	1.00E-04	0.04728209	1.00E-04	0.35163059	0.09760498
3.17017216	2.86414135	2.25510063	2.44974857	3.10715516	3.40749733	4.18477097
0.82376449	0.18458178	0.08739189	0.06647999	1.00E-04	0.28883144	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67713797
0.37509609	1.00E-04	0.33269926	0.38983424	1.00E-04	0.26819566	0.73115588
1.00E-04	1.00E-04	1.00E-04	0.03822891	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06816187	0.12132768	1.00E-04	1.00E-04	0.48918601
0.34939726	0.20796358	0.30172244	0.32296372	1.00E-04	0.33235459	0.11699513
0.83385997	0.18169903	0.0668128	0.15142502	1.00E-04	0.29937888	1.00E-04
1.00E-04	0.24006886	0.14431242	0.06828305	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61280452	1.00E-04	1.00E-04
0.87136641	0.86917261	0.8005386	1.23209085	1.33457741	1.10958247	0.64425302
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.90076128	2.9019702	2.85658371	2.9084388	3.49867165	3.68244899	3.28292415

1.00E-04	0.31454473	0.04772269	0.06111543	1.00E-04	1.00E-04	0.59534994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.69094647	0.83415201	0.67553487
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18974755	0.25454324	0.21698926	1.00E-04	1.00E-04	1.00E-04
0.58232537	1.25243475	1.12694214	0.87622731	1.16046451	1.46710993	0.73692068
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7438226	0.55329512	0.72612147	0.53889101	0.57889375	0.48092511	1.00E-04
1.00E-04	1.00E-04	0.06704042	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16748158	0.34898671	0.54480244	0.19591567	1.51573493	1.00E-04	0.19482141
1.00E-04	1.00E-04	0.14150665	0.1549398	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27710863	1.00E-04
1.30156047	1.08449944	0.91368314	0.73439549	1.04097974	0.71246772	0.71175028
1.00E-04	1.00E-04	0.03242239	1.00E-04	1.00E-04	0.36619253	1.00E-04
1.00E-04	1.00E-04	0.221179	0.33960724	0.97233805	0.73712747	1.00E-04
0.54793815	0.14314753	0.56713233	0.3190091	1.00E-04	0.61339154	1.00E-04
1.00E-04	0.14608996	0.05169401	0.29556388	1.00E-04	1.00E-04	0.65751561
1.00E-04	0.24877733	0.13163185	0.31513026	1.00E-04	0.65173525	1.00E-04
1.00E-04	1.00E-04	0.14025959	0.34438599	1.00E-04	0.06695938	0.1313165
1.00E-04	1.00E-04	0.10858416	1.00E-04	1.00E-04	0.4284064	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38091442	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97651208	2.31690787	2.44054874	2.74028397	1.38680451	2.04047345	2.43286773
0.38649493	0.13260722	0.42458377	0.55379671	1.00E-04	1.00E-04	1.00E-04
0.12498368	1.00E-04	0.05702004	0.02233962	1.00E-04	1.00E-04	0.32502076
0.73754057	1.00E-04	0.04663064	0.07601835	1.00E-04	1.25555184	1.34147404
1.00E-04	1.00E-04	1.00E-04	0.04977438	1.00E-04	1.00E-04	1.00E-04
0.23936956	0.28138671	0.16116953	0.04658857	1.00E-04	0.35163059	0.32502076
1.00E-04	1.00E-04	0.04582823	0.05749454	1.00E-04	0.41062688	0.23026336
0.21404326	1.00E-04	1.00E-04	0.09146083	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29830416	0.33381817	0.14544563	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74360911	0.32696852	0.62378401	1.00E-04	0.27972467	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.401838	0.18102805	0.2394885	1.00E-04	1.00E-04	0.14835414
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23251313	0.5637505	0.24862492	0.08468206	0.38488463	0.7286518	0.220236
1.59467775	2.3177343	2.11209768	2.04232166	1.43746899	2.49116615	2.57713055
0.21375378	0.94388436	0.93800647	1.07148393	1.00950863	1.00E-04	0.99061432
1.00E-04	1.00E-04	0.07365016	1.00E-04	1.00E-04	1.00E-04	0.1989351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.23362971	4.01157514	4.76728205	4.64774361	1.92056467	2.50132729	3.50423192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14193279	0.14285049	0.87280089	0.81656018	0.49833685	0.54769648	1.18664758

0.54129421	0.14407137	1.13271199	1.44845481	1.00E-04	1.00E-04	0.68280029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34097617	1.00E-04
1.00E-04	1.00E-04	0.40492433	0.43030691	0.44085717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13482607	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07350923	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58614588	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04770983	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24114141	1.00E-04	1.00E-04	0.86940319	0.43537339
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24887198	1.00E-04	0.08878661	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53275714	0.44190883	0.33583466	0.4170081	1.00E-04	0.58826636	0.61558466
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19245908	0.19243158	0.08441408	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07089897	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10732038	0.15269562	1.00E-04	1.00E-04	1.00E-04
0.35853644	1.00E-04	0.08656875	0.06855105	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20345	0.20916269	0.097855	0.07864073	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07151524	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16963079	0.05742366	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02974117	0.17333836	0.61856275	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49596984	1.00E-04	0.12530717	0.32760478	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09650671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43670524	0.52291139	0.50419516	0.60340994	1.00E-04	1.00E-04	0.22681224

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04490256	1.00E-04	0.54828133	0.34293625	0.34032951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90903458	0.69791281	0.04154592	1.00E-04	1.00E-04	0.22143361	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.67133237	4.14270688	4.12708172	4.15074275	4.07386871	3.24533076	3.20349587
1.00E-04	1.00E-04	0.36972478	0.12986316	1.00E-04	1.00E-04	0.10785897
1.00E-04	1.00E-04	0.073449	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23881798	1.00E-04	1.00E-04	0.6627562	0.34850681	0.14635168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0469153	0.11147544	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06204482	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52979489	1.2090921	1.65286238	1.98149386	0.42197018	0.85703532	2.05448723
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21131156	0.06429292	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23109052	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.672115	0.90910173	0.81606635	0.7218896	1.00E-04	1.00336616	0.85951938
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04447199	0.06489005	1.00E-04	0.31559802	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06926793	0.05449044	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.78229444	4.34041007	4.31135637	4.29140526	3.66744654	4.19390796	4.31517521
1.00E-04	0.22165751	0.1080978	1.00E-04	1.00E-04	0.39261666	0.83822697
0.66819837	1.14302938	0.59144462	0.36278523	1.00E-04	0.65305275	1.51391908
1.00E-04	0.07485971	1.00E-04	1.00E-04	1.00E-04	0.91078209	0.41440878
1.00E-04	1.00E-04	0.03840242	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24976366	1.00E-04	0.08029034	1.00E-04	0.21702837	1.00E-04
2.4282	3.04505121	2.54522562	2.29894619	3.30132268	3.40825722	2.4098241
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.06450002	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2633732	0.28867205	0.2479199	0.33214747	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.36157533	1.00E-04	0.10833977	1.00E-04	0.27371291	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38803253	1.05779997	0.48961164	0.57196978	1.22154465	0.68821198	1.65504511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0260517	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11096692	0.49421059	0.22453149	0.58694764	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.38076778	0.17027694	0.09276454	0.99144542	1.60283945	1.39710217
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27093829	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45497636	0.54260086	0.67915403	0.35139949	1.15301534	1.00E-04	1.11298698
4.43042763	3.32065685	3.64447128	3.27941264	5.13211666	3.10818383	3.79918515
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03892089	1.00E-04	1.00E-04	1.00E-04
1.25850636	0.69535718	0.63306555	0.68408758	1.63551513	0.39472595	1.34605372
1.49742768	1.36012346	1.32404446	1.10796236	1.00E-04	2.07644089	3.00526363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09464396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04930029	1.00E-04	1.00E-04	1.00E-04
0.7083246	1.28198862	0.88325083	0.92489575	1.00E-04	1.26357993	0.57349441
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94112052	0.73907101
1.00E-04	0.30789576	1.00E-04	0.09876903	1.00E-04	1.00E-04	0.53424338
0.21325562	0.27762134	0.33684485	0.47588597	0.38530742	1.07443243	1.1038027
1.00E-04	1.00E-04	1.00E-04	0.07826627	1.00E-04	0.64594566	0.10785897
1.2461271	1.38614544	1.09103628	0.99798864	1.61547437	1.64969748	0.88992402
1.00E-04	1.00E-04	0.06370554	1.00E-04	1.00E-04	0.8485738	1.00E-04
2.09591444	2.18587954	1.87954785	2.01224836	1.00E-04	1.78812079	0.77191756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38262809	0.15452825	0.09105901	0.201692	1.00E-04	1.00E-04	0.5553504
1.16184588	0.90971935	0.71800981	0.93492022	0.81388369	0.43070808	0.67896537
0.21097841	1.00E-04	0.10435224	0.04849623	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09230191	0.06454535	1.13394079	2.13025591	1.12409919
1.00E-04	0.55899709	1.23920082	0.52881044	1.14792031	1.44068445	1.87734328
2.26707028	2.44714272	1.98561158	2.16926428	2.71837058	1.58823568	2.26855553
1.00E-04	1.00E-04	0.08848255	0.07899646	1.00E-04	1.00E-04	1.00E-04
3.15369683	3.35283545	2.97314782	2.87585693	2.82461633	2.85304045	2.9661361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19124552
3.49997815	3.95987912	4.30866259	4.41266762	3.3277451	4.35494247	4.2793622
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88179339	2.35118304	2.87538762	3.34750125	1.00E-04	0.99514357	1.77627929
1.00E-04	0.1214348	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.91974818	3.48040675	3.5250254	3.47942054	2.3946729	3.13930868	3.27199268
1.00E-04	1.00E-04	0.37130386	0.29714294	1.00E-04	0.35874068	0.1755208
1.00E-04	1.00E-04	0.0322707	0.0496859	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.10321466	0.55337493
1.00E-04	1.0229384	0.08364874	0.11740309	1.46910558	2.18423526	1.38248419
0.6032649	0.7233467	1.13206185	1.0613292	1.00E-04	0.40983364	0.36927526
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3924612	1.00E-04
0.35359756	0.24994948	0.18755888	0.16358994	1.00E-04	1.00E-04	0.26399316
1.00E-04	1.00E-04	0.05505907	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32952982	0.30171451	0.53695594	1.00E-04	0.37047444	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17727073	0.27012088	0.33242313	0.15043171	1.00859621	1.12984713	0.20283809
0.55557565	0.88190253	0.50328324	0.58504978	1.9350999	1.00501356	0.08557164
0.44438997	1.00E-04	0.27041072	0.35673462	1.00E-04	0.80467318	1.01710441
0.77629968	0.51654608	0.90097765	1.1684067	2.59251124	2.01513605	1.49459911
1.52967262	1.49718929	0.99218226	1.20041564	2.59338338	2.78822443	2.40407725
1.00E-04	1.00E-04	1.00E-04	0.08049853	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.66555313	0.40428748	0.60873926	1.00E-04	0.53662995	0.12174474
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11753953	0.13183904	0.65910354	1.00E-04	1.00E-04
0.11503627	0.40269126	0.45558573	0.18429626	1.00E-04	0.55874077	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2601573	1.06334531	0.76601346	0.8414125	1.00E-04	1.12285509	0.60250414
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69846933	0.64767445	0.93113896	0.86441413	2.80892558	2.67955011	2.55281608
1.00E-04	0.37385091	1.00E-04	0.15909653	0.78234266	1.00E-04	1.00E-04
1.00E-04	0.53809378	0.36935504	0.10094634	1.00E-04	1.00E-04	0.26354179
2.59647308	3.27285878	3.09936048	3.3299878	1.38484596	1.70408926	2.63801338
0.84835519	1.15368524	1.59155018	1.54222058	0.66326445	2.27550544	2.01585325
0.32260198	0.58052191	0.45246504	0.2994931	1.00E-04	0.63592686	0.220236
1.50264172	2.39977587	2.38470513	2.42758846	2.28724873	2.39982696	2.79155047
1.00E-04	1.00E-04	0.18546695	0.36357818	1.00E-04	1.00E-04	0.15942843
1.00E-04	0.79019036	0.14338269	0.23999014	1.00E-04	0.97545224	0.73269575
0.28642711	1.00E-04	1.00E-04	0.1542479	1.00E-04	0.38639393	0.80536452
1.00E-04	1.00E-04	1.00E-04	0.06534523	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14691179	0.67798205	0.59855716	0.20222218	1.00E-04	0.57028545	0.81102561

1.00E-04	0.59436844	0.55550534	0.65141535	1.00E-04	0.43958412	0.65294974
1.00E-04	0.24553809	0.33124482	0.26973711	1.00E-04	0.43712087	1.00E-04
0.50179079	0.71045332	0.6578453	0.94117378	1.4243428	0.68517044	1.23727748
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25571217	1.00E-04	1.00E-04	1.00431848	0.28816756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21152951	0.04300726	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97830354	0.82282673	0.47683147	0.47461702	1.00E-04	0.27938516	0.13866036
1.11015433	0.37425046	0.40580199	0.2699055	0.4683059	0.2496013	0.26722711
0.3245385	0.24616494	0.41210523	0.35146763	0.54828133	0.41062688	0.11565659
1.00E-04	0.1008123	0.39055602	0.18938383	1.34247059	0.59911979	0.21257887
1.00E-04	0.63637746	0.72134526	0.59732775	1.00E-04	1.00128197	0.7964983
1.56346729	1.18983347	0.58408535	0.84893673	1.92684976	1.19901114	1.38208542
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24898078	0.22565885	1.60124985	1.9521685	1.69584055
2.57797293	2.90480375	3.01604712	3.12095381	2.32735406	3.53296155	3.52741716
2.1951342	2.68228136	3.0417266	2.90878485	2.40506319	2.63251355	3.33733966
1.00E-04	0.40404625	0.11150828	0.07690911	1.00E-04	0.82756898	1.00E-04
1.00E-04	1.00E-04	0.11681635	0.0557958	0.43090184	0.51529835	1.00E-04
1.00E-04	0.18642102	0.03129099	0.14544433	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.40218431
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48931103	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85242026	1.00E-04	0.62728711	0.20321282	1.00E-04	0.2027747	0.33704286
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05582924	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10529671	0.33711867	1.00E-04	1.00E-04	0.28948344
1.00E-04	1.00E-04	0.08188078	0.12314969	1.00E-04	0.55782621	1.00E-04
0.12230013	0.51842291	1.00E-04	0.13335439	1.22703316	1.4763684	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.2128678	0.06581003	0.0469801	1.0611699	1.5666863	1.13753144
1.00E-04	0.45483076	0.32752384	0.22034953	0.74910948	0.64955161	1.00E-04
1.00E-04	0.21610383	0.10452383	0.2024842	1.422227	0.88693052	2.24461677
0.67267245	0.32011675	0.24037732	0.51829081	0.65823999	1.27394057	0.32502076
0.32260198	1.00E-04	0.10065582	0.14011852	0.44157893	1.00E-04	0.13866036
1.00E-04	1.00E-04	0.08667536	0.11974216	0.24496797	1.00E-04	0.65823135
0.91430156	1.00E-04	0.04346592	0.08909816	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05791636	1.00E-04	1.00E-04	0.56016242	0.50071129
0.57673691	0.35152438	0.71139713	0.67831619	1.00E-04	0.26054201	1.00E-04
0.23251313	0.12414668	1.04870836	1.11225642	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.55277773	0.44371558	1.00E-04	1.00E-04	1.00E-04
1.27132979	1.32927449	1.22702152	1.55915638	1.40820853	0.06695938	1.32335825
0.46173159	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11854776	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27860204	1.00E-04	1.00E-04	1.00E-04	1.14785112	2.18530076	1.53051595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1714881	0.11963522	0.10867407	1.00E-04	0.3657878	0.11808513
1.4011126	1.4017516	1.71743494	1.8746999	0.45889659	0.65871931	1.90306183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11143836	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53911711	0.10607311	0.06662521	1.00E-04	0.87845018	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23041551	1.00E-04	0.20871965	1.00E-04	0.78993996	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03965525	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30082489	1.00E-04
1.00E-04	0.28653631	0.13295269	0.30389071	0.93145379	0.29050809	0.5967356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32993949	0.02992978	0.06668622	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22652515	0.19509056	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04259861	0.12430923	0.38530742	1.00E-04	1.00E-04
0.17523629	1.00E-04	0.12731312	0.13219636	1.00E-04	0.92905317	0.12174474
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34543859	1.00E-04
1.00E-04	1.00E-04	0.05278975	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71186588	0.93055275	0.51264341	0.4620189	1.07838333	1.18617448	1.04363029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38262809	1.00E-04	0.08848255	0.15101037	1.00E-04	0.35022614	1.00E-04
3.83273131	4.26164013	3.75615012	3.51951605	0.89766277	1.89476654	1.48197137
1.00E-04	0.35555626	0.30675363	0.39042562	1.00E-04	0.3670047	1.00E-04
1.00E-04	1.00E-04	0.29595022	0.62247325	0.81572945	1.00E-04	0.50751015
0.96937004	1.28640148	1.1294213	1.02178088	1.2352155	0.32406736	0.11808513
1.00E-04	1.00E-04	0.04664681	0.4854396	1.00E-04	1.00E-04	0.28773755
0.55243853	0.36336029	1.37203486	0.39238031	0.97185988	0.66942613	1.40953962
1.00E-04	0.65157469	0.02364722	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.97290981	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35904325	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93649935	1.87634399	1.5853725	1.38583445	1.46836185	1.32891303	2.33739109
0.5936431	0.83676991	0.60734279	0.71689436	0.87446197	1.2053783	0.74390469

0.73964402	0.7736378	0.45579265	0.47929138	0.38488463	0.71368684	1.01006237
1.00E-04	0.15881009	0.25980543	0.11848452	1.00E-04	0.27423953	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28207889	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3169386	0.18168468	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04184971	1.00E-04	1.00E-04	0.35874068	0.43366316
0.11825932	0.31563156	0.02528766	0.08824931	1.00E-04	0.34440142	0.66454742
0.5369759	0.5592441	1.29332218	1.17790328	1.98215609	1.24563833	1.64511415
0.18926183	1.00E-04	0.28081985	0.50913507	1.00E-04	0.35770721	0.83054748
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14285049	0.08566339	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20795065	1.00E-04	0.28587688	0.28122504	1.00E-04	0.13071865	1.00E-04
0.36512892	0.63931291	0.52919183	0.50768489	1.00E-04	1.00639455	0.70964447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25370611
1.00E-04	1.00E-04	0.1152213	0.14211117	1.00E-04	0.53356032	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42982259	0.30864187	0.42626132	0.41941788	1.00E-04	0.62925305	1.28303306
0.67081642	0.27446494	0.27483398	0.44957165	1.10847944	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22792515	1.00E-04	1.00E-04	0.23336674	0.23721926
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33267273	1.00E-04	0.09407887	0.38091442	0.67543736	0.23721926
1.00E-04	1.00E-04	0.03793666	0.14526605	0.70997801	1.00E-04	0.13285762
1.00E-04	0.53415446	1.00E-04	0.1754214	1.00E-04	1.00E-04	0.08557164
3.45613534	3.72119834	4.23772212	4.29440103	1.00E-04	0.39525227	1.56717879
1.48876788	0.7177686	1.47107274	1.18906959	0.47740198	1.00E-04	1.00E-04
2.42255605	2.67191256	2.43825924	2.69520897	2.35088298	3.07600752	2.89383722
0.20503303	0.6094085	0.75747111	0.30941494	0.89708	0.98062852	0.49030141
1.14497795	1.34563379	0.69685464	1.00327422	1.80237567	0.53350465	0.98073741
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07188382	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08566339	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81343935	0.79430832	0.93559882	0.71452007	1.00E-04	0.64139002	0.47458344
1.45172147	1.41209673	0.89463293	1.06763633	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26932623	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08842815	0.12673863	1.00E-04	1.00E-04	1.00E-04
2.89272082	3.45815219	3.15733789	2.6888981	4.22375039	3.32721667	3.06688431

0.17061638	0.82550345	0.58533497	1.07939726	1.00E-04	0.19146001	0.43921292
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01340859	0.94772734	1.07630905	1.0683477	0.78012804	0.9372477	1.030585
1.00E-04	0.23921457	0.11315664	0.24661941	1.00E-04	1.00E-04	0.14835414
1.00E-04	1.00E-04	0.05549072	1.00E-04	1.00E-04	1.00E-04	0.30631903
2.1465561	2.32520518	2.12603269	2.35529282	2.68879641	2.68499836	2.44642189
1.00E-04	1.00E-04	0.04736137	0.06871963	0.44085717	1.00E-04	0.3107778
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08669136	0.25116424	1.00E-04	1.00E-04	0.07440699
1.00E-04	0.38895349	0.22073562	0.07403592	1.00E-04	1.00E-04	0.19124552
0.85184194	1.44746189	1.20861201	1.55941092	1.47485235	1.90743564	1.47096692
0.38351205	0.88901762	0.46858146	0.67690365	1.00E-04	1.00E-04	0.31078224
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09263943	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9197204	1.00E-04	0.17979012	0.17493382	1.00E-04	1.00E-04	1.00E-04
0.15660685	1.14196301	1.29850041	1.22233877	1.00E-04	0.86593595	2.12262682
1.00E-04	1.00E-04	0.03291832	1.00E-04	1.00E-04	1.00E-04	0.98676155
0.6870249	1.00E-04	0.04541045	0.07638352	1.00E-04	1.00E-04	0.34861727
1.00E-04	0.21175139	0.37315392	0.21062977	1.00E-04	0.50849176	0.80563464
1.00E-04	1.00E-04	0.08574535	0.1330041	1.00E-04	0.31559802	0.2166229
1.00E-04	0.11033993	1.00E-04	0.05331587	1.00E-04	0.34850681	0.6016787
0.1908604	1.00E-04	0.03514155	0.18941678	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03049986	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14149486	0.0441248	1.00E-04	1.46463972	2.18156888
0.53447905	1.00E-04	1.00E-04	0.0935244	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05082467	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1042354	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14465503	1.08704118	0.77050599	0.88782272	1.00E-04	1.00E-04	0.13723188
1.34537323	0.75316312	0.8971966	0.99430589	0.42938666	0.52394218	0.70952913
0.29177977	0.25454608	0.08140262	0.1909811	0.86587428	1.00E-04	1.00E-04
1.00E-04	0.13877399	0.18740153	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20481222	0.31436476	1.00E-04	0.4379604	1.00E-04
0.2633732	1.00E-04	0.14276481	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48445247	0.21386006	0.11869479	0.51535447	1.00E-04	0.52579891	0.71997865
1.00E-04	0.15780826	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08238253	1.00E-04	1.00E-04	1.00E-04	2.22333868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.09096627
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21104811	0.24027748	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03725367	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03710977	0.07474889	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5864982	1.00E-04
1.00E-04	0.28326977	0.25572732	1.00E-04	1.00E-04	0.42606835	1.00E-04
1.00E-04	1.00E-04	0.12074243	0.21679358	1.00E-04	1.00E-04	0.66739767
1.00E-04	1.00E-04	1.00E-04	0.04657305	1.00E-04	1.00E-04	0.29688924
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1819229	0.09906155	1.00E-04	1.00E-04	0.51556887	0.43366316
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02567134	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48830516
1.00E-04	1.00E-04	0.17650995	0.12086726	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15705204	0.40425253	1.00E-04	0.68387008	0.30893958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27052208	1.00E-04
2.99353572	2.08002333	2.69920117	2.15946227	3.73038863	3.03011296	3.98196899
0.16263232	0.24337189	0.26147823	0.0528821	0.51366621	0.62356399	0.1878984
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04664681	0.11709522	1.00E-04	1.00E-04	1.00E-04
0.60337946	1.00E-04	0.04808097	0.0373653	1.00E-04	1.00E-04	0.17016891
0.45827638	0.50189164	0.03210892	0.15573435	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06512478	1.00E-04	0.93326825	0.28241755	0.47296307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26479584	0.14767661	0.68552334	1.00E-04	1.00E-04
0.22998931	1.00E-04	1.00E-04	1.00E-04	0.63609922	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08910789	0.10628568	1.00E-04	0.5255048	0.47151255
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25366114	0.24783294	0.16467836	1.00E-04	1.00E-04	0.24851266
1.00E-04	1.00E-04	0.04013867	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15294502	0.3000502	0.30780692	1.00E-04	0.31671355
0.22883831	0.60896138	0.19988301	0.43978656	1.00E-04	1.00E-04	0.28482166
0.54959566	0.8255991	0.58821619	0.28107103	0.5982431	0.83838203	0.95020503
3.7847474	3.75112123	3.01299058	3.09722201	3.26413393	3.94062512	2.95114543
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13269015	0.13003891	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28113342	1.00E-04	0.22248145	1.00E-04	1.00E-04	1.00E-04
0.84957361	1.68082987	1.42229074	1.43183075	0.86097945	1.82218643	1.31572677
0.81297239	1.38479982	0.61250599	0.76927986	1.00E-04	0.82004906	1.02330621
1.00E-04	0.06635486	0.05323905	0.16274016	1.00E-04	1.00E-04	0.26354179
0.17537753	0.12648973	0.24531982	0.28062477	1.00E-04	1.91813705	1.17471494
1.00E-04	1.00E-04	0.11862798	1.00E-04	1.00E-04	1.85438988	1.0938768
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2779322	1.00E-04	0.1004509	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69131391	0.3476589	0.52965229	0.43970406	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21495317	0.03950209	0.31265168	1.00E-04	1.00E-04	0.36135737
0.38034913	1.00E-04	0.05146651	0.09433302	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02202125	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33284505	1.00E-04	0.04155234	0.05455425	1.00E-04	1.00E-04	1.00E-04
0.23109052	1.00E-04	0.21632116	0.26432977	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20487559	0.10628711	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40022499	1.00E-04	0.051095	0.2890244	1.00E-04	1.78972767	1.62686193
0.18986072	1.00E-04	0.3197063	0.55578359	1.31865797	1.00E-04	0.98211784
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28223709	0.10146485	1.00E-04	1.00E-04	1.00E-04	0.90268303
0.87421599	0.59501172	0.58098713	0.17965796	1.00E-04	1.00E-04	0.19482141
1.60554607	0.61910485	1.10848591	1.0237137	1.85003575	1.30602231	1.46749171
0.24193707	0.35165761	0.58392618	0.77892271	0.39382455	1.00E-04	0.92634634

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.04823799	0.96108122	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5436036	1.20021804	1.10648211	1.39902629	1.00E-04	0.29910931	0.93779627
0.76901834	1.08839494	1.02520312	1.21743979	1.00E-04	0.82625079	0.72441557
1.00E-04	0.74808188	0.20290008	0.17697188	0.51102197	0.21702837	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84188715	1.00E-04	0.24954628	0.59225565	1.00E-04	0.58614588	1.00E-04
3.72230521	3.28396305	3.58182813	3.44886236	4.0159319	3.69914481	3.90812918
1.00E-04	1.00E-04	1.00E-04	0.03528974	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17336859	0.34764923	1.00E-04	1.00E-04	0.21495559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02634929	0.609224	0.24636847	0.30522428	1.09322281	1.56386692	0.49511395
1.00E-04	1.00E-04	0.10559267	0.14281036	0.51366621	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08629576	0.24820889	1.00E-04	0.2001335	0.31010511
0.98081871	1.53687417	1.1290129	1.46386947	0.74462267	0.92964555	0.30631903
0.24366832	0.35808485	0.05595247	0.1396053	1.00E-04	0.48283159	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.59690854	1.00E-04
1.00E-04	0.31612809	0.26783454	0.09252098	1.00E-04	1.00E-04	0.30893958
1.00E-04	0.19650314	0.12570751	0.15131434	1.00E-04	0.29937888	1.00E-04
1.00E-04	1.00E-04	0.14125124	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11467268	0.13849694	1.00E-04	1.00E-04	0.28816756
1.00E-04	0.15452825	0.26692803	0.16293724	1.00E-04	1.00E-04	0.34952119
0.33342268	1.00E-04	1.00E-04	0.07822245	1.00E-04	1.00E-04	1.00E-04
0.28044962	0.80531502	1.28735796	1.20545436	1.00E-04	0.41951934	0.78133397
1.07441119	1.60340835	1.86901207	1.92840793	1.26311712	0.9070046	2.10391384
1.00E-04	1.00E-04	1.00E-04	0.14729461	1.00E-04	1.00E-04	0.33025306
1.00E-04	0.88956911	0.69431099	0.68066756	2.56578291	2.11823852	1.85596077
1.00E-04	0.33179313	1.00E-04	0.20930421	0.51102197	0.36686909	1.00E-04
1.00E-04	1.00E-04	0.02667423	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.5550754	0.28741429	0.52628092	1.00E-04	1.00E-04	0.13785291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06788158	1.62780127	1.47105781	1.46719466	1.24237023	2.24463782	2.03987351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04821888	1.00E-04	0.74033624	0.40147138	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08447912	1.00E-04	1.00E-04	1.00E-04	0.35459209
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.18710374	0.16003091	1.00E-04	1.00E-04	0.23721926
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15149617
3.29885892	3.31154413	3.47868512	3.66864641	2.91495316	3.2058083	3.56026165
1.00E-04	1.00E-04	0.08176663	1.00E-04	1.00E-04	1.00E-04	0.27658511
2.53553447	3.27209171	3.1848721	3.20317582	1.8948484	3.29926127	3.18865653
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44883079	1.01311356	1.63030134	1.96208795	2.81045235	3.04990856	3.07902069
1.51125689	1.06539361	0.88654954	0.63800148	1.08106187	1.05563248	1.55375683
1.32767711	1.01321575	0.98509273	1.31086155	3.5274828	3.2554104	3.30995858
0.80903559	1.00E-04	0.16958579	0.23757702	2.38275945	2.37404112	2.67249338
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23747141	0.79284847	0.71288875	0.57726814	1.8535149	1.67844467	1.24545433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16998337	0.18693847	0.11924112	0.16987384	1.00E-04	0.27052208	0.83957245
0.23904013	0.24208627	0.04591428	1.00E-04	1.00E-04	0.42354872	1.00E-04
0.28459308	0.58716026	1.07951845	1.19214544	0.87446197	0.67780754	1.46223552
1.00E-04	1.00E-04	0.09845734	0.16835829	0.90643805	1.00E-04	0.17016891
1.00E-04	1.00E-04	0.06595529	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6696426	0.90730315	0.67326659	0.4972431	0.55964322	1.4002271	0.8316368
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00688143	1.00E-04
1.01750933	0.207393	0.46071211	0.36883822	0.4683059	1.70555969	1.37392747
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24496797	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54050558	1.00E-04	1.00E-04
1.00E-04	0.19438517	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80983262	1.8335341	2.25822465	2.33333432	1.42910642	2.2818881	2.0433044
2.75726454	3.17331792	2.71639061	2.59937257	3.47884732	4.26413002	3.71763959
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1313165
1.00E-04	0.06110646	0.69677786	0.59747252	1.00E-04	0.30650081	0.74934955
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22739353	1.00E-04	0.80008289	1.42217408
1.00E-04	0.62101979	0.04081469	0.23906052	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05613198	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4128164	0.18478434	0.33067223	0.3859531	1.00E-04	1.00E-04	1.00E-04

0.99350281	1.89661604	1.10283604	1.16716852	1.63571714	2.38863943	1.49020734
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31961177	0.04242377	1.00E-04	1.00E-04	1.00E-04
1.31119128	2.01610087	1.44649721	1.64002909	1.68254543	1.19186499	1.15816594
1.00E-04	1.00E-04	1.00E-04	0.17515941	1.00E-04	0.3039504	1.00E-04
1.16067103	0.0958853	0.44293463	0.40683234	0.85225834	1.37647163	1.19356938
1.00E-04	1.00E-04	0.0973977	0.0794784	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0601681	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05748313	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37407927	1.00E-04	1.00E-04	0.12684747	1.00E-04	1.00E-04	0.28991116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22947295	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48283159	0.4543468
0.26076105	1.00E-04	0.07773814	1.00E-04	0.84840873	0.39723272	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06643258	1.00E-04	1.00E-04	0.23721926
1.43054932	2.12125435	1.62139799	1.47058063	1.42267102	1.39741219	1.7690011
1.68093326	1.87134029	1.71670714	1.79631068	2.29442221	1.29544649	1.42845867
1.00E-04	1.00E-04	0.11107442	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07243604	0.29465511	1.00E-04	0.80467318	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05016317	0.76937985	0.20603684	0.48853589	1.00E-04	0.80606284	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09711232	0.0447679	1.00E-04	1.00E-04	0.64863771
1.00E-04	1.00E-04	0.03278593	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82356471	2.036566	1.48315192	1.52308355	1.80005224	2.31437679	1.68785691
0.24840909	1.00E-04	0.33664454	0.31334785	0.42197018	1.00E-04	1.22674757
0.18257026	0.62397878	0.19493877	0.1922203	1.00E-04	1.00E-04	0.70157645
0.98041361	2.41752696	1.69718731	1.92862635	0.57834233	1.48552336	1.17434697
0.19932323	0.33135509	0.08761217	0.06914471	0.8739021	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22060707	0.13894869	1.00E-04	1.00E-04	1.00E-04
0.70807732	0.45705848	0.5228565	0.52438128	0.40912496	1.63486488	0.53298402
1.00E-04	1.00E-04	0.09402155	0.3466399	1.00E-04	0.27606067	0.43222784
1.00E-04	1.00E-04	1.00E-04	0.10291763	1.00E-04	1.00E-04	0.65298383
1.00E-04	1.00E-04	1.00E-04	0.06981844	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24366832	0.27297671	1.00E-04	0.26436314	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.06798955	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14648816	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08865762	1.00E-04	2.34925309	2.03855846	1.88713407
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11348753	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17883191	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03905475	0.05906188	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57874263	0.66385623	0.15303333	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08877471	0.05392275	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05589433	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05312339	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.19257734	0.65454257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53938578	0.6895721	0.18956538	0.05090758	1.00E-04	0.42442279	0.20772946
0.39938962	0.46873972	0.97826392	0.56063407	0.77914734	1.6147191	1.42046374
1.00E-04	0.38151736	0.35150199	0.18345082	1.00E-04	1.00E-04	0.21969743
1.00E-04	0.25289728	0.05368064	1.00E-04	1.00E-04	0.47083282	1.00E-04
1.00E-04	0.28797137	0.15518436	0.06454535	1.00E-04	1.00E-04	1.00E-04
0.39083722	1.00E-04	1.00E-04	0.07179148	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25264368	1.00E-04	0.04370396	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1026628	2.55091433	3.10623971	3.30737391	1.54998431	1.27621804	2.74417694

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05890007	1.00E-04	1.00E-04	1.00E-04
0.464358	0.52598354	0.48018455	0.43460416	1.00E-04	1.00E-04	0.30302762
0.57432394	0.15417483	1.23394228	1.12840251	1.05070843	0.8880297	2.3058173
2.37981394	2.25021802	1.49547578	1.17160066	2.30720307	2.26866756	1.30726138
0.52972893	1.00E-04	0.0567793	0.13673297	2.09533648	0.7458363	0.84926631
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05847308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07467274	0.11325742	1.00E-04	0.35396877	1.00E-04
0.49770235	0.08147274	0.72170653	0.40131262	0.951039	2.14140616	0.35124791
0.33881342	0.25597897	0.06960859	0.35346332	1.00E-04	0.26054201	0.72761756
1.00E-04	0.22776225	0.56231992	0.8434639	1.00E-04	1.00E-04	0.6053488
0.949169	0.8421598	0.80788514	1.08825899	1.19084419	0.11240321	0.67885871
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09465051	0.06199666	1.00E-04	0.31666865	0.67026632
3.49318963	3.91692641	3.44406129	3.56747411	4.073629	4.08161301	3.974981
1.00E-04	1.00E-04	0.07342894	1.00E-04	1.00E-04	0.14310979	1.00E-04
1.00E-04	1.00E-04	0.04043431	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32293679	0.24305388	0.18049492	1.00E-04	1.00E-04	1.00E-04
1.01479651	0.71211069	0.76269376	0.40970303	1.57548798	0.50590064	0.65911617
1.00E-04	0.23291624	0.07782814	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87327565	0.76016506	0.44962491	0.40787143	0.50894684	0.45988684	1.00E-04
1.00E-04	0.07961512	0.08178927	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95614364	0.61376546	1.11760281	1.31590628	1.00E-04	0.97819973	0.59621644
1.00E-04	0.25044634	0.1110517	0.06614954	1.00E-04	1.00E-04	0.17016891
0.79645049	0.92450975	0.59757724	0.83550563	1.00E-04	1.00E-04	0.14635168
2.6585894	2.85594737	3.36682057	3.62717186	2.72565471	3.26226071	3.81056463
1.00E-04	1.00E-04	0.14112657	0.09173111	1.00E-04	0.77021787	0.67105398
1.00E-04	1.00E-04	0.05139767	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58370506	0.86636991	0.91563653	1.22298413	1.30929405	0.38639393	1.4089797
2.47546222	3.02510565	3.62861916	3.69055986	1.84906258	2.38174714	3.12201178
0.45014675	0.83369951	0.39441639	0.57361378	1.00E-04	0.9410567	1.00E-04
1.00E-04	0.91869615	0.78763743	0.45761555	0.44085717	1.00E-04	0.23378191
1.49686467	2.00834022	2.79522528	2.89634664	1.62174536	1.73211024	2.45350978
1.00E-04	0.53125536	0.28976385	0.30893528	1.00E-04	1.00E-04	0.13785291
1.10130393	1.39949594	1.38293054	1.60049305	1.32659187	0.8802691	1.00E-04
2.7440856	2.61933248	2.44407476	2.81395162	3.04236368	3.17164824	2.99535778
1.08984657	1.38234271	0.30802129	0.60079687	1.00E-04	1.10830109	1.26815647
1.00E-04	1.00E-04	0.13655492	0.163982	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.04509085	0.64443536	0.79338558	1.00E-04	0.81448751	0.48812468
1.8542871	1.9222639	1.75199885	2.07603643	2.56357906	3.19735955	2.93755015

1.00E-04	0.21086669	0.20123992	0.0731062	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67315762	1.90403575	2.67525198	2.88164455	0.48823099	1.13687061	2.66669131
1.00E-04	0.65340332	0.35040091	0.47234011	0.34492066	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05221037	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07458041	0.11589736	1.00E-04	1.00E-04	1.00E-04
1.41962221	1.8158779	2.06802164	2.12620891	0.81576744	1.87114438	1.80521644
1.00E-04	0.13907928	0.04259861	0.04728209	1.00E-04	1.00E-04	0.13723188
3.30288847	3.40869461	3.29113224	3.45275331	3.7875273	3.78477046	3.65781025
1.00E-04	1.00E-04	0.48082338	0.49334633	1.00E-04	1.00E-04	1.00E-04
4.77794153	5.36439488	6.48432158	6.70201776	4.21196288	4.76996801	6.14925135
2.6114208	2.79328206	2.79380885	2.77331895	2.63563232	3.07475632	2.84228013
2.02253458	2.22528196	3.27731419	3.31481257	1.17993344	1.28860171	2.62724147
1.81588235	1.59444766	1.4891789	1.61833555	2.11446881	1.2855813	1.49609578
1.00E-04	0.26149509	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.46590171	3.67490623	3.44867836	3.43794907	3.02470707	3.86636083	3.45645673
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19075291	1.22712256	1.30130325	0.97377228	1.5471256	1.22978681	1.10213739
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04858579	1.77358717	2.31685251	2.28075507	1.5513796	1.57467038	2.48832607
1.00E-04	1.00E-04	0.02480501	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49640181	1.00E-04	1.00E-04	0.06237023	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02390356	1.00E-04	1.00E-04	1.00E-04	0.14835414
1.00E-04	0.44813227	0.10264846	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38558065	1.64661979	1.68242319	1.92080235	1.22961189	1.88343901	2.20078319
1.43461318	1.39557441	2.19475458	2.47629013	1.10920675	1.33193716	1.62210298
1.00E-04	1.14231964	1.07523811	1.16454191	1.00E-04	1.00E-04	1.00E-04
1.75865716	1.99410433	2.01778418	1.9492105	4.53464196	4.69263409	5.00878064
1.00E-04	1.00E-04	0.05595247	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43717129	0.25717594	0.22363131	0.48060496	0.21702837	1.00E-04
1.00E-04	1.00E-04	0.09984018	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57523466	0.79257918	0.55450624	0.68632628	0.30780692	0.42387713	0.67910623
5.24903577	5.33506142	4.9810668	5.19977384	5.19069499	4.9647732	5.07814106
1.3633556	1.93863765	2.69651959	2.75522427	2.03331357	1.23332132	2.12304339
0.39433325	1.34337806	2.9177603	3.19409086	0.67391014	1.32103855	2.30464032
1.00E-04	0.27157786	0.42625146	0.17624525	1.00E-04	1.00E-04	1.00E-04
1.21921646	1.0643356	1.92728477	1.72573877	0.67865304	0.4653509	1.22131503
1.00E-04	1.00E-04	0.13088291	0.2293516	0.52474525	1.00E-04	0.3841957
0.86113533	0.52103317	0.24580735	0.48774546	1.00E-04	0.43385867	1.00E-04
1.05111503	0.73549531	1.68970341	1.96969258	1.00E-04	0.35004117	1.96517199
0.38910612	0.06680567	0.2548666	0.27064295	0.89553159	0.46794439	0.55425278
0.85379183	1.30373968	0.78173919	1.33837863	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.70515993	1.00E-04	0.06594661	0.51102197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03548458	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20939896	1.57137036	1.18193756	1.07706117	1.00E-04	1.17706401	0.48575727
1.00E-04	0.39212658	0.60318162	0.46224615	1.00E-04	1.00E-04	1.16530157
0.14282873	0.60379023	0.15860172	0.24180584	0.44085717	1.00E-04	0.4189923
0.31577327	0.43559457	0.43009525	0.31326371	1.00E-04	1.00E-04	0.09760498
1.00E-04	0.24700941	0.235929	0.04885222	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05202396	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.3508277	5.5428442	6.11256624	6.14792152	4.94585776	5.28211388	6.07031024
1.00E-04	0.46584696	0.15848796	0.11963307	0.70997801	1.00E-04	0.21161019
1.00E-04	0.81358122	0.25469034	0.29543598	1.00E-04	1.00E-04	1.00E-04
3.46580075	4.49295985	4.50194793	4.21998235	3.56163511	4.22987756	4.52040556
1.00E-04	0.2114852	0.06316689	0.16938194	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06624773	0.04978324	1.00E-04	1.00E-04	0.11699513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46553276	1.87544065	1.6963078	1.70734931	1.02020532	1.24818733	1.92937411
2.0979568	2.53706033	3.3439953	3.53196259	1.42100957	1.98399982	3.27322209
0.62247428	1.00E-04	1.00E-04	0.03114898	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78771393	1.57520163	1.8217012	1.98755219	1.56129084	1.12804694	1.54874802
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.85101316	2.02934521	1.501105	1.61919902	1.00E-04	0.92958728	1.00E-04
1.00E-04	0.22278314	0.28764142	0.26905386	1.00E-04	1.00E-04	1.00E-04
0.69349932	1.49747242	1.50585842	1.8511316	0.42938666	0.82115947	0.56171118
3.95656105	4.26717075	3.88736084	4.0059773	4.22598799	4.36168307	4.03977923
3.5540728	4.24268293	3.66251393	3.63562645	2.08780319	3.30986216	2.93846436
0.42696112	0.67181909	0.68054621	0.91212266	0.65839087	0.38584276	0.62288436
3.08925163	3.19971144	3.33233054	3.36276275	3.33560155	3.19309465	3.68058154
1.00E-04	1.00E-04	0.0569838	0.02723959	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4865822	0.41348256	0.48758808	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55285758	1.00E-04
1.00E-04	1.00E-04	0.03550799	1.00E-04	1.00E-04	0.33014878	0.20283809
1.00E-04	1.00E-04	0.11071166	0.05144164	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18261339	0.10094944	0.22884166	1.00E-04	0.45518725	0.22681224
2.56755173	2.85600076	2.69777198	2.27544198	1.62817343	3.1417249	2.89716348
0.79499236	1.02895709	1.14078918	1.27774965	1.03995521	0.46718831	0.59984557
1.00E-04	0.1194002	0.29820866	0.25120974	0.24496797	1.00E-04	0.63624777
1.00E-04	1.00E-04	0.17719316	0.08574547	1.00E-04	0.47294151	1.00E-04
1.00E-04	0.49151479	0.64481325	0.66890864	1.05968631	1.00E-04	1.00E-04
3.22455345	2.9673806	2.96028819	3.22075535	2.30302251	2.74265166	3.02083084

1.00E-04	1.00E-04	0.12919899	1.00E-04	0.42938666	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09703471	0.08631788	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05552975	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.61638076	1.15477842	1.37729247	1.00E-04	0.77925018	0.93947566
0.14282873	0.76644539	0.64921372	0.87754257	1.00E-04	0.27093829	1.44219016
5.17350784	5.47672504	5.1705871	5.07281075	5.21830836	5.43645991	5.24928322
4.30897337	4.27288945	4.76498003	4.89681715	3.79940277	3.6601972	4.4323952
0.34603826	0.14496536	0.31598368	0.58741796	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19046343	0.65741678	0.32998605	0.391912	0.69158286	1.00E-04	1.22546366
1.00E-04	1.00E-04	0.03257551	0.06682975	1.00E-04	1.00E-04	1.00E-04
0.96046274	1.5457539	2.40241601	2.59957034	1.70906877	0.88867714	2.05516399
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14943238	1.93785654	2.11015646	2.0869727	2.72079396	2.19397291	1.99241861
4.49825583	4.46885315	4.19942187	4.3017575	4.2725828	4.30684042	3.8730234
0.97872304	1.17528391	1.0989515	0.9339544	0.54828133	0.35022614	1.72062104
1.00E-04	0.28058483	0.07219094	0.08181856	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05700051	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29726202	0.13393922	1.00E-04	1.00E-04	0.22577116
1.00E-04	1.00E-04	0.04858468	0.09668373	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22332555	0.10677493	0.14723823	0.24496797	1.00E-04	0.22874183
1.52949225	1.72809696	2.07711926	1.64516034	1.47010825	1.19594918	1.60864034
3.67303367	3.76798206	3.46824115	3.40141481	2.19163546	2.96570378	2.75240729
0.29706097	0.41215391	0.55415384	0.12812181	1.82508864	0.47552809	0.17016891
0.48154491	0.7437802	0.23777012	0.36418482	0.24496797	0.21439207	0.38495121
1.00E-04	1.00E-04	1.00E-04	0.06723169	1.00E-04	1.00E-04	1.00E-04
0.24987489	0.93200709	2.20503264	2.21996227	1.00E-04	0.86929015	1.94118206
1.00E-04	1.00E-04	0.28575556	0.02381856	1.00E-04	0.10651827	0.46552326
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.42608984	5.52820043	5.18979332	5.23602469	4.51272395	4.80534066	5.43358074
0.2425114	1.00E-04	0.46829346	0.2166876	0.77042044	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15771857	0.45426292	1.31808649	0.73720542	1.61809538	0.36619253	1.39452741
1.00E-04	0.32864357	0.16148454	0.1592324	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.63567882	0.56073005	1.00E-04	1.00E-04	0.1989351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42641032	0.82256954	1.1054713	0.61952689	2.04509718	0.88041133	1.26120117
0.64342591	0.54289751	1.42283657	1.66103392	0.48823099	0.28837578	1.75933676

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39357701	1.53447134	0.78772932	1.08156208	1.3916417	0.55733336	0.90408743
2.65229993	3.13084493	3.33136671	3.18588365	4.25412267	3.85638729	4.20751891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28223344	0.19743394	0.79975233	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04073593	1.00E-04	0.62689732	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63122022	0.62858477	0.62235776	0.844611	0.44085717	1.00E-04	0.59610184
0.76279726	0.23345537	0.3608097	0.17703531	0.24496797	1.00E-04	1.0581204
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.47195483	0.38785506	1.00E-04	1.00E-04	1.00E-04
1.01654051	1.12712404	1.89570765	1.49598391	2.00429415	1.2147991	2.24251072
1.00E-04	1.00E-04	0.14658439	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16030213	1.77213633	2.15406468	2.10862226	1.13065265	1.08435371	1.87434539
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65202755	1.00E-04
1.00E-04	0.19014044	0.17715519	0.11942785	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48501673	1.13657802	1.42147674	1.00E-04	0.27093829	0.69260783
1.11909016	1.06853524	0.73738813	0.58163903	0.63609922	1.3584867	0.4994431
1.00E-04	0.64620493	0.60763598	0.51823054	0.63609922	1.00E-04	0.13285762
0.23904013	0.39309795	0.48281029	0.94823399	0.51366621	1.00E-04	0.57517014
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23533785	1.00228409	1.27532139	1.11030576	1.1331508	0.8289171	1.05916323
0.77718552	1.04544457	0.76042928	0.87876028	0.45889659	1.05767918	0.2166229
4.14120608	4.43048521	4.26333548	4.12805419	4.35795132	4.63751547	4.55388626
0.66283223	0.54581367	0.49756261	0.54526551	1.05070843	1.00E-04	0.49781009
0.24305445	1.21596191	1.22479784	1.44098546	1.00E-04	0.2210583	0.81154469
1.00E-04	1.00E-04	0.27552328	0.39100891	1.05772513	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06959241	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19081158	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68858808	1.30323634	1.39615933	1.57816876	0.86518274	1.2847753	1.65331781
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04762853	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11973927	0.19958109	0.25850071	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.65969262	4.56459813	4.88047493	4.80475624	4.72239622	3.79997245	4.70960105
0.75940678	1.31999809	1.78217395	1.87950838	1.00E-04	0.81330696	1.77134515
3.04382462	3.13045605	3.21747176	3.30956438	3.10924461	3.5713669	3.18886984
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06399846	1.00E-04	1.00E-04	1.00E-04
0.58154349	0.23819744	0.17029748	0.12470739	0.61280452	0.44763229	0.7313058
1.00E-04	1.00E-04	0.17923497	0.38571366	1.00E-04	1.00E-04	1.00E-04
2.62684781	2.82556487	2.69415132	2.8365339	3.69006181	3.247013	2.93454583

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16688762	0.24431554	0.10352023	0.0373653	1.00E-04	1.00E-04	0.08557164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25727743	0.04497012	0.08318263	1.00E-04	1.00E-04	1.00E-04
0.7819427	0.55481216	1.39225628	1.81743191	0.47740198	1.04220455	1.74934006
0.48071919	0.21982258	0.63520232	0.72050157	1.27096097	0.54212201	0.86074963
0.21930883	0.67133484	1.69948954	2.03843733	0.71383902	1.24013053	1.4204473
1.00E-04	1.00E-04	0.18170128	0.16216268	1.00E-04	1.00E-04	0.23893483
1.00E-04	0.14155105	0.12222661	0.02993483	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.71479582	0.42133595	1.00E-04	1.00E-04	0.32821203
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33844857	1.00E-04	0.16801934	0.2715395	1.00E-04	0.20732668	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2743239	0.38415982	1.38976405	1.00E-04	0.8774385
1.00E-04	1.00E-04	0.17289568	0.33474243	1.00E-04	1.00E-04	1.00E-04
2.33512438	2.4400453	2.43604277	2.60783216	2.2332666	2.61608907	2.06043446
1.00E-04	1.00E-04	0.04760445	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27212656	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15311623	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10910742	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64163701	2.04993509	1.05604713	1.16415793	1.00E-04	1.00E-04	0.83012295
1.00E-04	1.00E-04	0.1362948	0.13063997	1.00E-04	1.00E-04	0.08557164
1.00E-04	0.23881798	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3541934	1.79441386	1.74664241	1.85374776	2.45623813	2.17342203	1.75616227
0.19176495	1.00E-04	0.07222592	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8339422	2.16155533	2.35170836	2.01493642	2.87395125	2.03192394	3.13490837
1.00E-04	1.00E-04	1.00E-04	0.07791707	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.5372942	0.3666909	1.00E-04	1.00E-04	0.19124552
1.00E-04	1.00E-04	0.071494	0.30777782	0.72881829	1.20117895	1.7293859
1.21303884	1.66813658	2.16085327	2.18045442	1.15009883	1.30431597	2.72381861
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.53029032	0.17300357	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.5818427	0.55156837	0.81030591	1.00E-04	1.10112519	0.40652621
4.31894571	4.80388966	5.65510866	5.52976588	4.66724534	5.25605192	6.2715687
1.00E-04	1.00E-04	0.29967733	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04430352	0.04605886	1.00E-04	1.00E-04	1.00E-04
2.11954589	2.18505448	2.68157823	2.19479548	2.85040006	1.93936368	1.71284844
1.39736384	1.26479865	1.25190664	1.27367053	1.00E-04	1.03726404	1.20826779
0.44358622	1.15363458	1.67373164	1.56664984	0.59749779	0.62939413	1.63749319
1.00E-04	1.00E-04	0.39286233	0.17142705	1.00E-04	1.00E-04	0.59051114
5.18916867	5.27173362	5.34387079	5.1228721	5.21562986	4.62776081	5.44283424
1.00E-04	1.00E-04	0.06857087	0.11341137	1.00E-04	1.00E-04	1.00E-04

0.62019012	0.71648385	0.58767058	0.77821125	1.00E-04	0.14939575	0.51335041
0.57836183	0.35808485	0.17757632	0.06338878	0.24496797	0.39240942	1.00E-04
1.00E-04	0.24822595	0.25068979	0.18355478	1.00E-04	1.00E-04	0.93135499
1.00E-04	0.2515088	0.15625431	1.00E-04	0.54050558	0.94988929	0.45717695
0.84592445	1.26559412	2.30585784	2.61872224	1.10788889	0.59823421	2.30183979
0.49427021	0.5065318	1.05926641	0.97125445	1.00E-04	1.00E-04	0.45807877
1.00E-04	1.00E-04	1.00E-04	0.05497273	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02720565	0.0851862	1.00E-04	1.00E-04	1.00E-04
3.82239889	4.26283699	5.21163855	5.25336518	2.99862776	3.67477338	4.981133
1.00E-04	1.00E-04	0.3750036	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.12035116	3.71893192	4.27863274	4.27799115	2.67712206	3.06404609	4.09359186
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.4552557	0.40201505	0.50488113	0.23689648	0.3798969
3.83239294	4.15716569	4.77917973	4.98486159	3.11435751	3.01253087	4.38621229
1.00E-04	1.00E-04	0.09346218	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20517817	1.08863048	1.29646681	1.18602486	1.00E-04	1.00E-04	1.07504768
0.45017895	0.71921638	1.36970686	1.35033048	0.54258268	0.25871909	0.42796433
2.6451416	3.04934721	2.64225318	2.69141343	2.41082781	2.84996589	2.03187855
0.514116	0.25720591	0.60213751	0.82927166	1.00E-04	1.00E-04	1.00E-04
0.23269999	0.36998406	0.04551803	0.03760154	1.00E-04	0.27606067	0.37078671
3.01349177	3.21199978	2.54341875	2.80730376	3.4940261	3.30916983	3.13314584
0.60038462	0.22141431	0.87465111	0.59378244	0.42197018	1.00E-04	0.35851116
1.00E-04	1.00E-04	0.22562777	0.06902515	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.34045925	0.04074668	1.00E-04	1.00E-04	0.35747067	0.4189923
0.27145036	0.90691801	0.15751944	0.1644738	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.85479609	0.10498591	0.13022572	1.00E-04	1.00E-04	0.24773715
0.16166602	0.73515521	0.28288394	0.54980114	1.66240436	1.06855133	1.00E-04
1.00E-04	0.1169307	0.31005096	0.05410019	1.00E-04	1.00E-04	1.00E-04
0.26702123	0.49465211	0.78147656	0.84098603	1.00E-04	0.71682976	0.82491674
0.39805173	0.53582284	0.58413147	0.55751015	0.42197018	1.00E-04	0.56615015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20946159	0.49966147	1.00E-04	1.00E-04	1.00E-04
0.66641856	0.64515868	0.20935511	0.1651172	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18071897	0.14205092	0.05380856	1.00E-04	1.00E-04	1.00E-04
0.53862454	0.6145514	0.24019121	0.24751243	1.00E-04	0.49422985	1.25327628
4.44966666	4.47598058	4.21354527	4.2961219	4.10481419	4.16329652	3.63406201
0.44227818	0.50917611	1.13460838	1.11181789	0.63609922	1.00E-04	0.8775421
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7074846	0.19785054	0.23715992	0.23733461	0.4683059	1.00E-04	0.09760498
0.82810553	0.93615636	0.46261744	0.71943211	1.00E-04	1.01238083	0.7372827
1.00E-04	1.00E-04	0.10028906	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05425772	1.00E-04	1.00E-04	1.00E-04

0.12230013	0.24431554	0.16407093	0.16943617	1.00E-04	0.55940929	1.00E-04
1.00E-04	1.00E-04	0.07283652	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18587224	0.11228528	0.23947543	0.47740198	1.00E-04	0.16909838
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1169693	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.42047559	0.82265408	0.46104654	1.74080956	0.93309292	1.60746022
5.12582231	5.65315118	6.72313172	6.74432121	4.76344315	5.15776325	6.79123756
1.00E-04	1.00E-04	0.04879621	0.32305721	1.00E-04	1.00E-04	0.20772946
1.00E-04	1.00E-04	0.28862479	0.13077568	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07145504	1.62414609	1.25721669	1.53514367	1.00E-04	1.48000028	0.22577116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35983389	0.11531008	1.00E-04	1.00E-04	1.00E-04
0.67467764	1.28695469	1.25568748	0.5010471	1.00E-04	0.73396236	0.23204834
1.00E-04	1.00E-04	1.00E-04	0.30463662	1.00E-04	1.00E-04	0.50180541
1.00E-04	0.16673559	0.13916496	0.18427864	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1214348	0.68980195	0.48061387	1.00E-04	1.00E-04	0.69575188
1.27160848	1.31143691	1.71652879	1.72688775	1.00E-04	0.57028545	1.67802274
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03850905	1.72699973	1.10364549	1.51129998	1.00E-04	0.34591941	0.74865401
2.43587895	2.49753183	2.08394976	2.28600194	1.43240845	0.7387257	1.5137026
1.00E-04	1.00E-04	1.00E-04	0.08022119	1.00E-04	1.00E-04	0.41062209
0.28534263	1.00E-04	0.09412818	1.00E-04	1.00E-04	1.00E-04	0.28446781
1.00E-04	1.00E-04	0.05587111	0.04869902	1.00E-04	1.00E-04	1.00E-04
3.08896363	3.39478238	4.36995266	4.41905753	1.00E-04	1.54246265	3.12247962
0.70275713	1.16333461	1.49820939	1.16499619	2.65358357	1.99412892	3.19986212
0.42329812	0.73779819	1.87720439	1.96495513	1.00E-04	0.77804176	1.19069706
0.19182838	0.24081423	0.76111384	0.46369341	1.00E-04	1.00E-04	1.00E-04
2.89168509	2.19448415	3.81162899	3.61309346	3.24276634	1.95664429	3.05725971
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10303814	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35443349	0.3674981	1.00E-04	1.00E-04	0.53466634
1.00E-04	0.2515088	0.70621799	0.40708274	1.00E-04	1.00E-04	1.00E-04
0.39898651	0.30066179	1.51621931	1.71953946	1.00E-04	0.51618244	0.98614499
0.60803921	1.54611283	2.22155908	2.46902009	1.00E-04	0.87405961	1.54517184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13981433	0.68390448	0.52230281	0.41777661	1.00E-04	1.00E-04	0.85723679
0.52948497	0.81454166	1.76071765	1.93405251	1.00E-04	0.5512168	0.20237142
0.94443024	1.41568814	0.96124649	1.00247425	1.72696558	0.4720531	0.8350319
0.76155584	0.67581535	0.54408313	0.34573033	2.09541187	1.56133939	0.32484108

1.00E-04	1.00E-04	0.19462931	0.04817027	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12205967	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67900559	1.65407592	1.86743027	1.62812988	2.3017312	1.42790961	2.76255164
1.00E-04	0.43838274	0.30854249	0.42722639	0.42197018	1.00E-04	0.64167109
0.12498368	0.18043266	0.48965845	0.5918099	1.00E-04	0.26301701	0.34478476
1.00E-04	0.5736551	0.34648245	0.41322319	1.24880402	0.14939575	0.10785897
1.74310959	2.00254851	2.0094674	1.81041674	1.00E-04	1.01117535	0.96798908
1.00E-04	1.00E-04	0.13947495	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26156299	0.09284671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18183876	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16309596	2.11969358	1.34645937	1.44417868	0.97924394	1.469008	1.85903256
2.32950599	2.21989859	2.90959216	2.63439922	2.49942474	2.55683889	3.09234222
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.52273572	5.68465821	5.26397521	5.25662137	5.53473233	5.75717715	5.2115148
1.00E-04	1.00E-04	0.22721001	0.06651164	1.00E-04	1.00E-04	0.16770769
1.00E-04	0.29360201	0.87792352	1.08835433	1.15130831	1.00E-04	0.16257726
1.00E-04	1.00E-04	0.21556302	0.0299092	1.00E-04	1.00E-04	1.00E-04
2.07946416	2.12591308	2.02395923	2.27488364	2.42469375	2.28233666	2.51953162
1.32641473	1.54351326	1.52513126	1.80246127	1.00E-04	1.19029939	1.30813055
0.82437203	0.97155717	1.77494771	1.51766876	1.22883697	0.11293056	1.47347527
1.00E-04	0.10772665	0.93511563	0.77648445	1.00E-04	0.31349494	0.43404824
1.88337203	1.6933888	1.88876372	2.13228978	0.88675333	1.56447108	1.86617729
0.41103265	1.00E-04	0.57378298	0.19194732	1.00E-04	0.94947894	0.7161999
0.3245994	1.00E-04	1.0810959	0.84086904	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16602357	0.04568812	0.12560427	1.00E-04	1.00E-04	1.00E-04
0.25587849	0.1960454	0.45044761	0.7510892	0.24496797	1.00E-04	0.14701138
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16067266	0.11447611	1.00E-04	1.00E-04	1.00E-04
0.80530132	0.52382002	0.58379005	0.66926716	1.00E-04	1.06574634	0.85523206
1.00E-04	0.54953908	0.87413745	1.19107333	1.00E-04	0.27371291	1.01260718
1.00E-04	0.37050457	0.29771346	0.1551943	1.00E-04	0.58694144	1.00E-04
0.97711634	1.32535774	1.14092636	1.08665491	0.40975599	0.67555011	0.73883445
1.00E-04	1.00E-04	0.1205991	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40171885	0.34921486	1.24464779	1.00263997	0.34492066	0.81814812	1.00495797
0.19046343	1.00E-04	0.39188962	0.33995531	0.61305258	1.00E-04	0.30959015
1.74437012	2.40617074	2.02364735	2.04524708	2.64789429	2.12334032	1.94301391
0.50270678	1.01871453	1.56055403	2.0997327	1.00E-04	0.29050809	0.91873323
1.97990857	1.96375943	2.60812212	2.64609016	1.25556417	0.91434823	2.22132013
1.28186944	0.41371762	1.05960385	0.66637501	1.00E-04	1.00E-04	0.08557164
0.56969594	0.67755279	1.30639962	1.34767749	0.58708779	0.71012987	0.73866644

0.29026471	1.00E-04	0.05726284	0.05071361	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0210471	0.30119549	0.78608936	0.71031593	0.45086753	0.81617274	0.54610031
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.91562036	4.23144629	4.93252292	5.02369906	3.40629186	3.42117825	4.68484175
1.00E-04	1.00E-04	0.35231521	0.44476458	1.00E-04	0.25930142	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04305103	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09435845	0.06111543	1.00E-04	1.00E-04	0.38794164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15754548	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02973788	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58646564	0.50288588	0.63598825	0.67811044	0.91860094	0.64002501	0.10785897
1.00E-04	0.34726089	0.33660739	0.47490303	0.54050558	1.00E-04	1.00E-04
0.29026471	0.16862706	0.45278722	0.31356935	1.00E-04	1.00E-04	0.24067515
1.00E-04	1.00E-04	0.13297484	0.2176971	1.00E-04	0.39075943	0.56449373
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95829528	1.97383014	2.68215679	2.96408694	1.18138271	1.82019083	1.82301333
2.64650307	2.7759041	2.73320007	2.78250776	2.56579632	2.25691786	2.89438426
1.00E-04	1.00E-04	1.00E-04	0.05687444	1.00E-04	1.00E-04	1.00E-04
0.70195922	0.11363526	0.33008174	0.74006629	1.00E-04	0.29138547	0.56206715
1.00E-04	1.00E-04	0.03177142	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18590644	0.0442525	0.05247504	1.00E-04	0.48283159	1.00E-04
0.38989804	0.83633209	0.3963365	0.50832458	0.38091442	0.99830871	0.23878412
4.13606843	4.14495449	3.80197263	3.7941878	4.07551748	4.14416703	3.81296541
1.61529612	1.16761669	0.69841277	0.58828142	1.00E-04	0.64238088	1.00E-04
1.00E-04	1.00E-04	0.12834627	0.05083351	1.00E-04	1.00E-04	1.00E-04
0.18986072	0.18158253	0.21756592	0.14464981	1.76583704	1.44264524	0.97649224
0.34936194	1.64519384	0.89020022	0.94910471	0.44340029	1.01958285	0.72274953
1.00E-04	0.2882746	0.43294955	0.38180014	1.00E-04	1.00E-04	0.65818826
1.33328777	1.88090632	2.49470958	2.90082091	0.42938666	1.56690596	2.28224103
1.00E-04	0.23340134	0.29544554	0.34358743	1.00E-04	1.00E-04	0.41734861
1.00E-04	1.00E-04	0.04352218	0.06647999	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27789783	0.26211272	1.00E-04	1.00E-04	1.00E-04
0.34569211	0.23289026	0.97519054	0.93657842	0.5313373	1.95355654	1.23211101
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11565659
1.00E-04	1.00E-04	0.26534139	0.26411919	1.00E-04	1.00E-04	1.00E-04
0.38570189	1.00E-04	1.00E-04	0.04582478	0.49775343	1.00E-04	1.00E-04
0.48612847	0.80735638	0.92149339	0.73711153	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06545018	0.04601337	1.00E-04	1.00E-04	1.00E-04
0.19182838	1.00E-04	0.3788546	0.3256409	1.00E-04	1.00E-04	0.10785897
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.96850676	1.72030054	3.35563986
2.62211525	2.90974689	3.2425934	3.48121313	1.88621396	1.8795842	2.94071214
3.56401441	3.97457389	3.3851141	3.39238764	4.36746353	4.35126149	4.08211771
1.00E-04	0.75099585	0.42672641	0.77853171	1.00E-04	0.62255404	0.73115588
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21354329	2.23863391	2.00312949	2.15165227	2.59904328	2.77229304	2.27671139
0.21749776	0.39618119	0.53343647	0.55306626	1.00E-04	0.57962542	1.00E-04
1.00E-04	1.00E-04	0.12823788	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56517292	0.55372439	0.53047988	0.49719666	1.88908453	1.36707938	1.03974638
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.79992537	3.27364866	3.97459799	4.14510021	2.31147174	2.38224357	3.84307682
1.00E-04	1.00E-04	0.03327666	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27968057	0.73586625	1.89429272	2.03108044	0.38091442	0.25871909	1.18079457
1.00E-04	0.67237121	0.66746462	1.08323617	1.00E-04	0.48188652	1.28424066
1.99708525	1.86151911	2.96602334	2.63839575	1.53942763	2.34991212	3.69012444
3.23282656	3.36036923	3.97216958	3.64495571	3.58013872	3.5170648	3.87862214
0.31000509	1.00E-04	0.26131371	0.24832801	1.00E-04	1.00E-04	0.48696079
1.00E-04	0.83054955	0.34129744	0.25792852	1.00E-04	0.35498049	0.96623899
1.00E-04	1.00E-04	0.09688455	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55581042	0.75494718	0.60769902	1.00E-04	0.2827378	1.40080129
1.35095256	1.96332921	2.6579825	2.77998865	1.31495011	1.41902892	2.57259526
1.31557838	1.79970035	2.29388322	2.41393406	1.54351887	1.34897343	2.04232686
1.00E-04	0.26320315	0.09931938	0.11592379	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11936346	0.28689087	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19045807	0.18645084	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22986849	0.14444626	1.00E-04	1.00E-04	0.1313165
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89791177	0.60198014	0.39633169	0.68388069	0.77830797	0.14939575	0.28991116
1.00E-04	0.08147274	0.19628218	0.26257081	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05050971	0.19556464	1.00E-04	1.00E-04	0.74335119
1.81511827	1.05144754	1.87754737	1.16082322	1.86744261	1.4406785	2.03314997
1.00E-04	0.29654504	0.25341188	0.43451758	0.88690219	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17590745	1.00E-04	1.00E-04	0.28991116
0.73729817	0.06680567	0.13892713	0.26729157	1.00E-04	1.00E-04	1.00E-04
0.21126039	1.02598711	1.17836437	1.06844994	1.00E-04	0.56781286	0.8466204
1.00E-04	1.00E-04	0.18720218	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09304396	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25598198	2.4822519	3.34430892	3.45284944	2.19101197	1.67607764	3.05837386
1.00E-04	0.18777239	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15771129	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26178384	1.00E-04	0.04591428	0.18990647	1.00E-04	1.00E-04	0.11565659
0.70875426	1.00E-04	0.12135196	0.11780843	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14172216	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.62272833	0.42806726	0.29778404	1.00E-04	1.00E-04	0.63599379
3.68399796	4.07715943	3.7970529	3.76331682	3.29790191	4.09003183	3.72112464
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1982747	1.00E-04
1.86988091	2.23849905	1.70251141	1.54664004	1.51756396	2.09513788	1.50680781
1.00E-04	1.00E-04	0.07742477	0.16661513	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21554997	0.57683443	0.61077668	1.00E-04	0.1839207	1.00E-04
1.00E-04	1.00E-04	0.31349113	0.11253464	1.00E-04	0.29937888	0.65247595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.64934918	4.05791132	4.49659288	4.39451968	4.58404211	4.78655706	5.01041304
1.00E-04	1.54171462	1.21995796	0.84642062	1.00E-04	0.76366951	1.07314879
0.2841732	0.47950993	0.39390432	0.5254967	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11446769	0.18075468	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07285841	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.5704388	0.21268469	1.3321988	1.00E-04	1.00E-04	0.56783307
0.40004663	0.58360404	0.56688274	0.69593949	1.00E-04	1.00E-04	0.34942988
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43285416	0.18756321	0.86779088	0.78032503	1.00E-04	0.86940319	0.30692231
1.00E-04	1.00E-04	0.03953692	0.04601337	1.00E-04	0.29937888	0.11491268
2.72996536	3.18168163	3.66796874	3.85111426	1.1038494	1.80452312	2.90320669
1.00E-04	1.00E-04	0.11151871	0.10042922	1.00E-04	0.27093829	0.30631903
0.47334055	0.28739561	0.04286334	0.07450971	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.28020881	1.00E-04	0.76224978	0.19293133
0.46432633	0.72560306	1.04083309	0.60580739	1.48889201	1.8632742	1.03452817
1.00E-04	0.24749458	1.00E-04	0.04769355	1.00E-04	1.00E-04	1.00E-04
0.78879484	1.16340685	1.80008676	2.06558884	1.00E-04	0.79483767	1.76660764
0.55148821	1.07432323	1.44249692	1.73699577	0.40912496	1.00E-04	1.88001502
0.65112682	0.83735019	0.59936092	0.55798436	1.00E-04	0.93310939	0.37440717
0.33971235	0.87889865	0.65634543	1.14287749	0.87452928	0.8610764	1.10647981
0.19212494	0.11407072	0.50083793	0.6130294	0.76100979	1.00E-04	0.94078304
2.5728234	3.35788741	3.7722293	3.7927243	2.42142191	2.46554015	3.26651546
0.12498368	0.0644423	0.3564213	0.75090581	1.00E-04	0.11293056	1.00E-04
1.00E-04	1.00E-04	0.25197838	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24064181	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64826326	1.621768	2.10359687	2.19501334	1.00325729	1.82946196	2.28383805
0.30064046	0.49737737	0.40016968	0.46809051	1.00E-04	1.00E-04	0.88178199
0.69570655	0.8008626	0.36409897	0.56116328	0.45889659	1.48295009	0.2166229
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16339373	0.08599676	0.05946401	1.00E-04	0.0838544	0.53081464
1.00E-04	1.00E-04	0.06114209	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38794164
0.44358622	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1576591	0.19305414	1.60724406	0.65305275	1.00E-04
0.41927488	1.00E-04	0.10254468	0.05049373	1.00E-04	1.00E-04	0.31671355
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12644796	0.06964444	1.00E-04	1.00E-04	1.00E-04
3.03105997	3.64910867	4.32321278	4.28282048	3.20937218	3.43869562	4.25709198
0.27106856	0.63053424	1.02109158	0.95946275	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7445235	0.33600589	0.19684651	0.58708779	1.00E-04	1.00E-04
1.16811605	1.38335874	1.92719719	2.27917966	0.84319625	0.69328207	2.43252251
2.62056869	2.28267697	2.40159147	2.60303395	2.25382965	1.51016177	2.4886152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50986773
0.76141845	0.1815633	1.07110217	0.70919293	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2633732	0.08110081	0.72245243	0.4844812	1.00E-04	0.10651827	1.00E-04
1.00E-04	1.00E-04	0.47827581	0.18671642	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.08110081	0.10215675	0.30066975	1.00E-04	1.00E-04	1.00E-04
0.62679698	0.41437585	0.23696785	0.65008721	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.46931969	2.63024506	2.27448522	2.41276311	2.62114956	2.88645629	2.54292978
1.31387239	1.0878418	1.02996555	1.37500922	1.32732856	1.19493185	0.91448936
1.22806325	0.89169797	0.82503209	0.9019623	1.00E-04	1.55868982	1.84764513
1.40503707	1.90791898	2.16587493	2.1943744	1.7626552	2.03956742	1.81333682
2.01048231	1.8051913	1.72435035	1.71579145	2.38055705	2.24604322	1.71318935
1.00E-04	0.32991468	0.17047015	0.30167679	1.00E-04	0.30127966	0.37001647
1.00E-04	1.00E-04	1.00E-04	0.06489005	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05947039	1.00E-04	0.0671832	1.00E-04	0.49244406	0.3671532
1.00E-04	1.00E-04	0.43862865	0.38093161	1.00E-04	1.00E-04	0.69106516
0.36767559	0.08873305	0.84570017	0.64942452	0.82198491	0.91997092	1.60289209
1.00E-04	0.28780663	0.17949589	0.39077808	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.42900191	0.46303812	0.18612912	1.00E-04	0.46888335	1.00E-04
0.63461217	1.680805	1.36302422	1.49767083	1.00E-04	0.90911467	0.50706663
0.95872426	2.08243352	1.55045908	1.47897629	2.78280383	1.91680814	1.71573901
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04889378	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09811375	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03675484	0.05522254	1.00E-04	1.00E-04	1.00E-04
1.93914371	1.91076632	1.91099394	2.14149745	2.03424379	1.92692815	1.17689731
1.00E-04	1.00E-04	1.00E-04	0.04605886	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.02604918	0.47424561	1.00E-04	1.00E-04	1.00E-04
1.02898388	0.90257208	1.23749292	1.32340628	1.00E-04	0.45518725	1.23497572
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.77196314	3.84911495	3.18178882	2.94672556	3.55495763	4.20992811	3.25956927
0.66055541	0.22027845	0.34340502	0.32672474	0.83790831	1.6986327	1.39324403
1.56167248	1.10636166	2.39694114	2.28181348	0.42938666	0.5903973	2.1649606
1.00E-04	1.00E-04	0.05739726	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17394092	0.44588034	1.00E-04	1.00E-04	0.40869447
1.13453424	1.65871154	1.34639509	1.3973608	1.05070843	1.38829592	1.30199106
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.33645906	3.05823552	2.71664112	2.83175145	2.89017332	3.48917413	3.23984211
0.99991116	1.24279339	0.99384042	0.961193	1.25955694	2.43151673	1.10536645
1.79628691	2.49874932	2.44904439	2.64718632	2.54895184	2.06229776	2.30380563
0.73030349	0.5477341	0.87244674	0.84152884	1.62187731	0.61148422	1.50202263
1.95065533	1.88427873	2.86174215	2.89031195	1.27199097	1.1809981	2.97755916
0.4804067	0.7370724	0.57259615	0.41717418	1.01527102	0.60701655	1.00E-04
1.00E-04	1.00E-04	0.19394841	0.21464065	1.00E-04	0.37047444	0.75143301
1.00E-04	0.2237217	0.4953173	0.44982521	1.00E-04	1.00E-04	0.38347681
1.00E-04	0.14906142	1.00E-04	0.13697482	1.00E-04	0.48931103	1.00E-04
1.00E-04	1.00E-04	0.08250892	0.24094823	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26451635	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3199859	0.96508737	0.52027917	0.54555783	0.47257629	0.78667072	0.49641187
1.00E-04	0.3432546	0.03448827	0.06411592	1.02678086	1.00E-04	0.31424664
2.05862855	2.19162497	2.68806041	2.72356807	1.30330661	2.00121611	2.37037173
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23223341	1.00E-04	1.00E-04	0.12980278	1.00E-04	1.00E-04	1.00E-04
3.14581832	3.54800746	4.3417583	4.37149513	2.39223147	2.7909434	4.16802873
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17016891
4.58932352	4.78773605	4.51465393	4.78010004	4.49777078	5.11328533	4.8517251
0.5511971	1.00E-04	0.62779603	0.80952659	0.38530742	1.00E-04	0.92907149
1.00E-04	0.61299088	1.03638976	1.18938079	0.51102197	1.0073923	0.72849942
1.5161418	1.85906313	2.75810244	2.8316691	1.21852596	1.55399966	2.73842715
0.17041597	0.48825745	0.23947208	0.25740555	1.00E-04	0.44695677	1.00E-04
1.00E-04	1.00E-04	0.41395152	0.1133622	1.00E-04	1.00E-04	1.00E-04
0.88944491	0.77893078	1.2771431	1.5391743	1.00E-04	0.98481151	0.6097985
0.85744445	1.57958277	2.38724198	2.47604234	0.40975599	1.19062516	2.06634177
1.00E-04	0.33510815	0.44378953	0.36245055	1.00E-04	0.11240321	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05794132	0.61218739	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42055654	1.14823468	1.55386236	1.76327961	1.38427205	1.00E-04	1.81504368
1.00E-04	0.55002476	0.12502399	0.09370021	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.03894167	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12412416	0.05655222	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05116303	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.01002374	2.76790598	2.60488068	2.65480818	1.94871278	2.42343575	2.65744081
1.00E-04	1.00E-04	0.05237855	0.14017896	1.00E-04	1.00E-04	0.30893958
2.2350283	2.13829607	1.80628907	1.9841302	1.88427764	1.53649419	1.51443939
4.25439313	4.37500829	4.2730877	3.96450115	1.81631459	1.6257365	2.40433749
1.00E-04	1.00E-04	0.11799336	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09510114	2.5078289	3.04617153	2.92276067	0.77830797	1.81038497	2.37362781
0.20345	1.00E-04	0.06175987	0.0469801	1.00E-04	1.00E-04	1.00E-04
2.91001536	3.51372416	3.92150072	3.48166952	6.30759285	6.95995533	7.67040863
1.00E-04	0.05700051	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29002183	1.00E-04	0.19562831	0.19652492	1.00E-04	0.68821198	0.1362077
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87728245	2.0984058	2.42706761	1.96393046	2.75888486	1.91332659	3.4696947
0.18986072	0.24725176	0.28379181	0.31126271	1.00E-04	0.11466061	1.00E-04
1.00E-04	1.00E-04	0.07805406	0.06565225	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24487091	1.00E-04	0.0641019	0.07403592	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06717439	1.00E-04	1.00E-04	1.00E-04	0.1989351
1.00E-04	1.00E-04	0.05246027	0.1602867	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.54272059	0.10931816	0.20808275	1.00E-04	1.12637979	0.25203293
1.00E-04	1.00E-04	0.04065431	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22838714	0.48955581	0.76546735	0.67600571	1.07547903	0.44931657	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07162587	1.00E-04	1.00E-04	1.00E-04
5.32549188	5.60655017	5.0903447	5.03695928	5.46752776	5.51385936	4.9954509
2.3751328	1.70596556	2.51009301	2.45673367	2.42564559	1.30818002	2.60346923
0.75158433	1.00E-04	0.56260631	0.93206193	1.00E-04	1.04300631	0.61248046
1.00E-04	1.00E-04	0.12416564	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39410404	0.15711478	0.54477138	1.00E-04	1.00E-04	1.00E-04
1.36952489	1.61931029	1.18103888	1.11409183	2.76555731	2.30612994	2.27632064
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03504967	0.3671366	0.05954478	1.00E-04	1.00E-04	0.50170541	1.00E-04
0.21097841	0.33179313	0.73725852	0.79705372	1.00E-04	1.00E-04	0.11808513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.98652121	5.5304087	6.28568764	6.02466384	2.32201906	5.59643477	5.20001284
1.00E-04	0.32875117	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03974136	0.04695642	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33938571	0.55942246
1.00E-04	0.2814914	0.23127291	0.5750268	1.00E-04	1.00E-04	1.00E-04
1.92559943	2.14345186	3.12746172	3.32910766	0.77830797	0.8944011	2.07563559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.0452096	1.00E-04	1.00E-04	1.00E-04
4.38028809	4.58620035	4.12964994	4.19047602	5.07237937	5.29396241	5.08013194
0.14265331	0.25521198	1.95986953	0.43754338	1.00E-04	0.77814381	3.31667059
3.18769454	3.51259963	2.85784631	3.00240705	3.66194784	2.97211566	3.10635039
2.31884489	2.70760306	2.81196736	2.7428201	2.01913801	2.5893181	2.96898448
1.00E-04	0.93802614	0.42196961	0.60276862	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.57398275	0.39980025	0.67758785	1.00E-04	0.84013656
1.00E-04	1.00E-04	0.32391074	0.44320962	1.00E-04	0.57577492	0.27485202
1.46114669	1.54919547	1.59243024	1.67439678	1.59634905	1.52717028	1.12420232
1.00E-04	0.44669547	0.32869157	0.14918351	1.00E-04	1.00E-04	0.09464396
0.2425114	0.13353489	0.06968073	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22731159	0.56262484	1.16979059	1.59761269	0.40975599	0.5012265	0.19686018
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21159524	1.00E-04
1.24613836	1.56508633	1.43521856	1.08315343	1.1672581	1.40840396	1.08372662
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.40987375	0.07202777	0.09134122	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22858801	0.06221706	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.31580305	1.78367779	2.68360416	2.66162665	1.64790226	1.09922094	2.18043863
1.00E-04	1.00E-04	1.00E-04	0.04733814	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38864073
0.15725732	0.24413804	0.15846814	0.08888128	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04788411	0.07339422	1.00E-04	1.00E-04	0.32432879
0.8098278	1.0584302	0.36679842	0.44205166	0.91557391	0.2210583	0.6621585
0.79363795	0.14331604	0.72033267	0.9523957	1.00E-04	0.37820863	0.3392339
1.00E-04	1.00E-04	1.00E-04	0.09370021	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18073628	0.30147502	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10562563	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45175664	0.05947039	0.1217673	0.16294353	1.00E-04	0.35022614	1.00E-04
0.52742301	0.32391243	1.2167031	1.06389096	1.00E-04	1.00E-04	0.48549408
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06941096	1.00E-04	1.00E-04	1.00E-04	0.48696079
1.00E-04	1.00E-04	0.06425346	0.58600234	1.00E-04	0.97023101	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05350981	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27297671	0.1052404	0.51388204	1.00E-04	1.00E-04	1.00E-04
0.58639314	0.98432125	0.81889253	0.74849008	1.00E-04	1.00E-04	0.36719515
1.00E-04	1.00E-04	0.47826794	0.4293601	1.00E-04	1.00E-04	0.28671411
1.00E-04	1.00E-04	0.06026527	0.06791796	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06650987	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.96440092	2.00551573	2.66848774	2.69183558	1.19210053	1.47166799	2.22044678
0.59240792	0.65729143	0.64351705	0.97685685	1.00E-04	0.32239483	1.30080737
1.00E-04	1.00E-04	0.0684046	0.0982134	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11810343	0.09989937	1.00E-04	1.00E-04	1.00E-04
1.44993955	1.54428644	1.89042075	1.54452403	1.13359657	1.06601769	1.16740674
1.00E-04	1.00E-04	0.10871191	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87854237	2.14965477	2.11423414	2.26648499	1.74301624	2.59257775	2.42503793
1.00E-04	0.41668466	0.2332926	0.42798865	1.17255372	0.43743268	0.49131385
1.00E-04	1.00E-04	0.07079767	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.14920041	3.51521344	4.13484524	4.25760311	2.39909651	2.87586203	3.67776772
1.00E-04	1.00E-04	0.03552675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43034681	0.5242819	0.681149	1.00E-04	0.22143361	0.19482141
0.62130549	2.06972575	2.09465454	1.97905738	0.40975599	1.50726454	1.42206488
0.36958996	0.76576642	1.33790346	1.14548179	1.00E-04	1.00E-04	1.02042684
1.36115852	1.87173566	2.71758681	2.78177932	1.46850332	1.32365813	2.5396336
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30090038	0.42880294	0.34750577	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40415685	0.54109569	0.40975599	1.00E-04	0.40869447
0.16172608	0.15259276	0.04598493	0.08136564	1.00E-04	0.4134279	1.00E-04
1.00E-04	1.00E-04	0.388365	0.10356982	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92995769	0.61005209	0.89288275	0.91934345	1.00E-04	1.00E-04	0.28948344
4.66869282	4.70473525	4.35497017	4.27395635	4.37073268	4.65359901	4.52116856
5.28429377	5.6552142	6.38838263	6.35785778	3.82143445	4.01195762	4.38680758
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42639218	1.80337456	1.58878438	1.69700812	2.18139386	1.53045675	1.69297677
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.02096215	3.1032444	2.63571528	2.60837493	2.23657948	3.08674423	3.0349117
0.81646595	0.45915946	0.71390123	0.2371934	1.34066818	1.00E-04	0.27485202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57947363	0.10819332	0.06671403	0.23964117	1.00E-04	1.00E-04	1.00E-04
0.26469911	0.97605045	0.64710518	0.76957343	1.00E-04	1.00E-04	1.00E-04
0.36990848	1.00E-04	0.08596432	0.10730655	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59984824	0.60851833	0.59521463	1.00E-04	0.29138547	0.68834999
1.00E-04	1.00E-04	1.00E-04	0.09887391	1.00E-04	1.00E-04	0.20772946
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09760498
1.00E-04	0.32196004	0.08081501	1.00E-04	0.52474525	0.36174581	0.59983735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14635168
0.22056111	1.00E-04	0.30562823	0.26661874	1.87663126	1.20074467	0.07440699
1.00E-04	1.00E-04	0.06624773	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21629567	0.04909247	1.00E-04	1.00E-04	0.13785291

0.98722837	1.00E-04	0.03646092	0.06742635	1.00E-04	1.00E-04	1.00E-04
2.37987459	1.22564822	0.69283468	1.52250286	0.58708779	1.00E-04	1.00E-04
1.00E-04	0.17757486	1.00E-04	0.06199666	1.00E-04	0.25871909	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41155301	1.08777109	1.07338539	1.15978655	1.0848822	1.35621858	1.26999568
1.00E-04	0.35859726	0.27899571	0.09319227	1.00E-04	1.00E-04	0.11188224
5.20540815	5.53759701	6.52421474	6.54006352	4.53180771	4.79006545	6.1431801
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20770483	0.15140835	1.00E-04	1.00E-04	0.17016891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57574651	1.00E-04	0.13875814	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47250253	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07598885	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.93075745	6.25389196	7.29410716	7.36712371	5.6122473	5.73352492	7.08849984
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.11036849	4.0488026	4.24636727	4.45574067	4.08805106	3.39871325	4.02141834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57457557	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16714916	0.06621511	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98750239	1.76863073	1.42769723	1.09423104	0.91383369	0.40983364	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.36643418	2.44440291	2.79026909	2.69803667	1.29842517	2.8092234	2.35077595
1.00E-04	1.00E-04	0.16539803	1.00E-04	0.50488113	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52102614	1.46416973	1.43673225	1.01652237	1.00E-04	0.78058163	0.83014655
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2017644	0.12969815	1.00E-04	1.00E-04	0.09464396
1.00E-04	0.51943086	0.67450427	0.78600558	0.40975599	0.40983364	0.54482816
4.49921083	4.57298652	4.17898184	4.40534974	4.22068196	4.7506451	4.72843458
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.51556887	1.00E-04
1.00E-04	0.33091822	0.05812916	0.19833677	1.00E-04	0.11240321	1.00E-04
1.00E-04	1.00E-04	0.34359874	0.20283131	0.24496797	1.00E-04	1.11944848
1.01157343	0.88293732	1.51416921	1.54992492	1.00E-04	1.00E-04	1.33895861
1.00E-04	0.33692723	0.78630738	0.9679253	1.00E-04	1.00E-04	0.12174474
1.00E-04	1.00E-04	0.19366998	0.55112976	1.00E-04	1.00E-04	0.4460272
2.85498936	2.80229028	2.92701683	3.10335127	3.52959736	3.97812674	4.25550474
1.00E-04	1.00E-04	1.00E-04	0.0883096	1.00E-04	1.00E-04	1.00E-04
1.56470487	1.73219326	1.48777923	1.74714356	1.59416626	2.06889258	1.90525222
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.35182051	0.57961213	1.57553828	0.88857725	1.44559619	0.97944642	2.00550107
1.00E-04	1.00E-04	0.18603374	0.2129787	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39262275	0.02825133	1.00E-04	1.00E-04	1.00E-04	0.15149617
0.92989603	1.16938892	2.09266312	2.12055423	0.38530742	1.0738694	1.56799314
1.37672295	1.00607195	1.02487449	1.01087938	2.04640213	1.22995688	0.42013754
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70270183	0.70543274	0.6583366	0.65913169	1.00E-04	0.22057069	0.46944489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06209308	1.00E-04	1.00E-04	1.00E-04
1.15973201	1.77040976	1.74261687	1.76261334	1.28128194	2.11450457	1.84554092
0.47613895	0.3706469	0.97867359	1.00963156	0.71383902	0.41639388	0.75833891
0.32668362	0.38874786	1.35933704	1.61222244	0.56063254	0.28207604	0.11188224
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09889857	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33798639	0.34549454	0.20669771	1.00E-04	1.00E-04	0.70927178
0.22886845	0.443277	0.59194787	0.6679016	0.68133587	0.10651827	0.62118479
0.92198134	0.89161464	1.50013822	1.48027264	0.66326445	1.30895928	1.66352689
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11565659
1.00E-04	1.00E-04	1.00E-04	0.05640385	1.00E-04	1.00E-04	1.00E-04
0.75628554	1.17942094	2.06159149	2.2809223	0.40912496	0.34280625	1.52814696
1.00E-04	1.00E-04	0.31130754	0.47402144	1.00E-04	1.00E-04	0.15942843
2.91906555	3.83470098	4.43016423	4.31238538	2.36690247	3.09185703	4.32862046
5.30506962	6.3010167	6.4902023	6.4071769	5.27067716	5.65321008	6.49703351
0.26269535	1.00E-04	1.00E-04	0.1276873	1.00E-04	1.00E-04	1.00E-04
4.17969489	4.68613994	5.22565212	5.34326082	3.08289875	3.58788722	4.14337864
2.35585987	2.4030398	2.92537961	2.90850979	3.61727666	3.39596615	3.58305809
1.00E-04	1.00E-04	0.06030581	0.03814544	1.00E-04	1.00E-04	0.61094489
1.00E-04	0.74731986	1.3504495	1.94456943	1.00E-04	1.00E-04	1.3528369
0.36990848	0.24850329	0.58514357	0.65428784	1.29188933	0.39240942	1.19555808
0.33152003	0.47952192	1.19043915	1.36221405	1.09690113	0.907946	1.29875881
1.00E-04	1.00E-04	0.7104758	0.26683301	1.00E-04	1.00E-04	1.00E-04
1.66345935	1.04327994	0.31694825	0.94641269	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.83276415	2.26948718	2.87334307	2.95263004	2.17387081	2.42911424	3.18276318
1.00E-04	0.18886066	0.23347791	0.08967011	1.00E-04	1.00E-04	1.00E-04
0.15737099	1.16300903	1.93296555	1.82258107	0.38488463	0.3228846	2.47522574
1.00E-04	0.313797	1.17727623	0.79011214	0.38091442	0.22143361	0.43258254
0.17300709	0.44095984	0.06662018	0.17657861	1.00E-04	1.00E-04	0.27477876
3.2182054	3.36172225	4.20989041	4.35225837	1.93575382	2.61050459	3.8091797
1.00E-04	1.00E-04	0.03102037	0.09380747	1.00E-04	1.00E-04	0.25203293
1.00E-04	1.00E-04	0.19573844	0.2525898	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19868402	0.21760059	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32304065	0.05667162	0.07735623	1.00E-04	0.4542793	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38034913	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.40758638	3.01767859	4.17707466	5.155468	3.38599644	2.86314925	3.90987598
1.00E-04	1.00E-04	0.11103311	0.08599905	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55823951	0.07792234	0.34679938	0.54258268	0.58311368	0.30631903
0.768784	0.41228909	0.20114197	0.46505418	2.03613551	2.38546322	1.44760663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41359331	1.35193064	1.23153507	1.36125687	1.35190541	2.00664832	1.33673611
1.00E-04	0.80282874	1.03954979	1.03622596	1.00E-04	0.82537096	0.90159293
1.00E-04	0.31017607	0.063555	0.42512797	1.01493203	0.84363779	0.92400569
2.78775658	2.48627315	2.99230974	2.64045281	3.10360942	2.02067661	2.8764989
2.22463956	0.90386556	0.4637611	0.34313938	1.88472053	1.13945915	0.74335119
1.00E-04	0.23574733	0.25937599	0.37778613	1.00E-04	1.00E-04	0.94270464
0.83556209	1.28315025	1.79556543	1.79287975	1.00E-04	1.43831327	0.8504712
1.00E-04	0.47271068	1.00E-04	0.0696618	1.07694717	0.48188652	1.00E-04
1.00E-04	0.16714916	1.00E-04	0.03420166	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15103077	0.35428641	1.00E-04	1.00E-04	0.12174474
1.29076466	0.9616816	1.3190527	0.97626515	1.59208669	1.48197787	1.73673694
1.00E-04	1.00E-04	0.13234187	0.04709884	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03068074	1.00E-04	1.00E-04	1.00E-04	0.24773715
0.18257026	0.30494066	0.97187117	0.79496324	1.00E-04	1.01283657	0.1313165
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.36764951	0.441888	1.00E-04	1.00E-04	1.00E-04
0.9838344	1.06769928	1.08759041	1.05293391	1.00E-04	1.00E-04	1.00E-04
0.41180241	0.97006222	1.36628119	1.25367879	1.00E-04	0.60935454	0.80014306
1.00E-04	1.00E-04	0.05120199	0.03183722	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05489952	0.14877386	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31433351	0.05636972	1.00E-04	1.00E-04	0.3843398
1.00E-04	0.68846782	0.2313069	0.40325246	1.00E-04	0.94115153	0.33257029
1.00E-04	1.00E-04	1.00E-04	0.05025767	1.00E-04	1.00E-04	1.00E-04
0.5861098	0.27841187	0.37285248	0.37644449	1.00E-04	0.53799721	0.46435976
1.46625637	1.35275152	1.89229183	1.2901517	2.26322906	1.0755805	2.02378782
1.00E-04	1.00E-04	0.03944995	0.05741186	1.00E-04	1.00E-04	0.44379634
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22139729	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.06501837	5.0734418	5.51451949	5.5715059	1.00E-04	1.41092262	1.33078036
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39749504	0.34010301	0.21879933	0.5172329	1.00E-04	0.52289606	0.1625546
0.56774702	0.06818189	0.15412507	0.32419138	1.00E-04	1.00E-04	1.11722801
0.2446639	1.23707816	0.78189548	0.7527007	0.51366621	0.29050809	0.8636586
0.73544828	1.16107579	1.76740621	1.64061754	1.83656378	0.96447789	2.17485109
2.24465722	2.46074796	2.22610542	2.49204082	2.14679322	2.78978405	2.48448341
3.15122125	3.4733691	3.26409153	3.38690685	3.65975235	3.48680873	3.29981323
1.00E-04	1.00E-04	0.18614108	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87318791	2.20070109	2.25611715	2.34428141	2.59691459	2.41151165	2.69045816
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12148383	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31411139	0.49685227	0.53183113	0.64130288	1.00E-04	1.00E-04	0.50814514
1.31643434	1.21530716	1.93544476	2.03758349	1.49914358	0.79363547	1.39805013
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88713939	1.00E-04	1.00E-04
0.63774289	0.87456408	1.58223627	1.29063872	0.77322435	0.33014878	1.04037446
1.00E-04	1.00E-04	1.00E-04	0.12678256	1.00E-04	1.00E-04	1.00E-04
2.6599768	3.26540351	4.05784146	4.21244586	2.24995117	2.36294812	3.78372439
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80302034	0.79776132	0.57210044	0.36629948	1.00E-04	0.5766306	0.64202122
1.0627769	1.19262118	1.90029844	1.41192376	2.30538349	1.30878927	2.83710477
1.00E-04	0.27672816	0.03177517	0.21779175	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10232636	1.00E-04	1.00E-04	1.00E-04
0.53447905	0.77000846	0.71010685	0.39547404	1.92749628	1.23805741	0.20373973
1.00E-04	1.00E-04	0.13847496	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1003327	0.09224716	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06582614	1.00E-04	1.53063044	0.74332227	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26403101	0.0483402	0.10539536	1.00E-04	1.00E-04	1.00E-04
3.8041952	3.79064874	3.60695192	3.62353058	4.08095201	4.21708027	3.99820592
0.34848236	0.19209306	0.33291853	0.37805426	1.00E-04	1.00E-04	0.7637384
2.5993406	2.83684754	3.11789034	3.05298787	3.11043881	2.7926671	3.20413084
0.58697625	0.43440175	0.92368649	1.19336689	1.00E-04	0.81567306	0.97076661
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33725826	1.05192631	0.68071076	0.69666744	0.63836172	0.14310979	1.00E-04
4.47596069	4.99534037	5.51107024	5.57506579	4.54971015	4.78192672	5.43634264
2.22048181	2.34738645	2.10273842	2.16698656	1.04822685	2.79893313	2.46563956
5.5476417	6.05253752	6.63798146	6.7323278	5.19537419	5.68841138	6.74057759
0.23730925	0.57267981	0.04227724	0.08112961	0.4683059	0.38248554	0.56512875
4.00313633	4.23372558	4.29673214	4.35666202	3.50896263	3.69246575	4.18166548
0.41669735	0.41565311	0.48063752	0.48361604	1.00E-04	1.00E-04	0.10785897

1.00E-04	0.11033993	0.19638607	0.21759828	0.69158286	0.14310979	0.71770443
0.50881693	0.38898107	0.45903303	0.18548229	1.00E-04	1.00E-04	0.3679163
1.00E-04	1.00E-04	0.06033728	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39543626	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69613745	0.76843812	1.33710929	1.54496056	1.00E-04	0.90099304	0.52207445
1.00E-04	0.60198014	0.35853308	0.19613977	1.9703991	1.99570957	1.92385437
1.00E-04	1.00E-04	0.23020858	0.34050571	1.00E-04	1.00E-04	0.66822138
1.36119443	1.11811059	1.43588753	1.55042474	1.9135916	1.16061063	0.6353926
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22171465	0.45797608	0.49899461	0.21177323	1.00E-04	1.00E-04	0.25203293
4.58534922	4.77846445	4.40262865	5.10838017	1.00E-04	0.33769545	0.68168778
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04430356	0.24994833	0.44791789	0.4683059	0.44737628	1.00E-04
0.62802781	0.20613046	0.17596831	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06453097	0.05134714	1.00E-04	1.00E-04	0.10785897
0.22056111	0.6064814	0.08979114	0.32495729	1.10847944	1.71227149	1.16778363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43670524	0.25676357	0.22930783	0.41248002	1.00E-04	0.84740184	0.33758991
2.80317564	3.40457145	4.13886652	4.28539513	2.47699965	2.29598674	3.79996207
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47986358	0.36461048	0.23901816	0.61878223	0.48823099	1.00E-04	0.15149617
1.00E-04	1.00E-04	0.05378197	0.25124986	1.00E-04	1.28910934	1.01072744
1.00E-04	1.00E-04	1.00E-04	0.07879597	1.00E-04	1.00E-04	1.00E-04
4.02201615	4.19435228	3.74239339	3.76402889	3.82337523	3.96559547	3.53810088
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39543626	1.00E-04
1.72257519	2.56365544	3.2735266	3.44621903	0.98291751	1.89501659	2.64323692
0.89132083	1.5528118	1.72725412	2.03191739	0.40975599	0.25950361	1.79450925
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16714916	0.04450141	0.2128823	1.00E-04	1.00E-04	1.00E-04
0.3959204	1.30334854	1.29592849	1.21081015	1.00E-04	1.00E-04	0.62611372
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20931293	0.07093496	1.00E-04	1.00E-04	0.13785291
1.00E-04	0.16714916	0.10348982	0.17419845	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13584808	0.18502034	0.05779175	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49770235	0.55840076	0.63467518	0.87831746	1.00E-04	0.34440142	1.4448708
1.00E-04	1.00E-04	1.00E-04	0.06621223	1.00E-04	1.00E-04	1.00E-04

0.29960046	1.00E-04	0.29970568	0.22016487	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28921298	0.23022595	0.100366	1.00E-04	1.00E-04	1.00E-04
1.09207704	0.90938889	1.66000489	1.64356208	1.37844929	1.22250909	1.76281846
1.00E-04	0.04733209	0.04861981	0.03388656	1.00E-04	1.00E-04	0.26586685
1.4679588	2.09545747	2.05830104	2.08353636	0.48823099	1.73736989	2.2759989
0.11825932	0.35513152	0.78927364	0.59169206	0.84840873	1.00E-04	1.14821661
1.10644267	1.31078083	1.88345618	1.8020754	1.00E-04	1.57084557	1.32590786
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25132065	0.21353884	0.13795799	1.00E-04	0.38831064	1.00E-04
2.01865671	2.47333827	2.9594568	2.97801796	1.24458557	1.28405029	2.65442802
2.35853909	2.47130372	2.96536422	2.81199599	1.69799329	2.50843612	3.04635625
1.00E-04	1.00E-04	0.10019297	1.00E-04	0.4683059	0.39173741	0.37440717
1.00E-04	0.41956435	0.32027473	0.24057227	1.00E-04	0.1839207	0.08557164
1.00E-04	0.51491552	0.13644544	0.05714189	1.00E-04	1.00E-04	1.00E-04
0.50737828	0.22461822	0.86381614	1.05047016	1.00E-04	1.00E-04	0.27758206
2.55860734	3.12137704	4.24858793	4.18727769	2.32208081	2.66991845	3.53327981
4.31143026	4.54944892	4.25458618	4.02721021	5.65488533	4.99508294	5.0422674
0.72710228	0.64365667	0.8779266	1.25754899	1.00E-04	0.77888874	0.85371866
1.58260762	1.82417761	1.53193236	1.68703165	1.56961545	2.09254555	1.84655293
1.00E-04	0.33102733	0.60551624	0.4802423	1.00E-04	1.00E-04	0.18401526
1.00E-04	1.00E-04	1.00E-04	0.10007833	1.00E-04	1.00E-04	1.00E-04
0.477294	1.00E-04	0.72922316	0.80223072	1.00E-04	1.00E-04	0.24019248
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70028845	2.17521223	2.10363213	2.30341976	1.01343529	1.38184314	1.54857506
1.00E-04	0.39078217	0.02601391	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19422689	0.66097308	0.19042516	0.05546363	1.00E-04	0.35973677	1.00E-04
1.00E-04	1.00E-04	0.05658816	0.12698032	1.00E-04	0.35022614	0.07440699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87776635	2.57971447	3.41055029	3.41328794	1.59353208	1.99298238	3.00676571
1.00E-04	0.35456607	0.0560925	0.13998313	1.00E-04	0.64139002	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1887491	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61465551	0.68507278	1.10876736	1.30895485	1.00E-04	0.99757379	0.75760051
0.98130429	1.27218042	1.19578357	1.39318276	1.80764854	1.29769652	0.86174671
0.16598082	1.00E-04	0.06887822	0.08804517	1.00E-04	1.00E-04	0.50398398
1.00E-04	1.00E-04	0.05780434	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.12245529	0.15262393	0.41919545	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.54468665	0.69085729	1.00E-04	0.57262486	1.1970479
1.00E-04	0.21982258	0.41794342	0.66536061	1.00E-04	1.00E-04	0.1313165
0.70992656	1.37354251	1.68263193	1.98795855	0.4683059	0.38206623	1.34515081
1.00E-04	0.27665211	1.00E-04	0.0727825	1.00E-04	1.00E-04	0.11565659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63188399	0.38010477	0.53637184	0.0855252	0.89070822	1.00E-04	1.00E-04

0.74044688	0.32131569	0.39304986	0.36264865	1.00E-04	0.491838	0.24323438
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22233863	1.00E-04	0.18767964	0.03649215	1.00E-04	1.00E-04	0.14635168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69931144	1.00E-04	0.08205466	0.27663837	1.00E-04	1.00E-04	0.31078224
1.00E-04	0.17949903	0.11294951	0.23832501	1.00E-04	0.1982747	0.21969743
1.00E-04	1.00E-04	0.10691317	0.19427214	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79565124	0.64894256	0.83431858	0.75504297	0.40674922	1.00E-04	0.39482083
0.60367738	0.90048589	1.45442956	1.01765868	0.87446197	1.35994202	1.09492188
0.88061487	1.47651264	1.77169717	1.63427306	0.5982431	1.07799323	1.47800892
0.99475502	2.32642668	2.36003766	2.16611925	1.05772513	2.49133145	2.44012256
1.00E-04	0.17569161	0.08803921	0.22163777	1.00E-04	0.35770721	0.13285762
1.00E-04	1.00E-04	0.06864906	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1846233	0.07944647	0.52570243	0.83119619	1.00E-04	1.00E-04	0.47458344
3.87318905	4.4685554	5.24148618	5.30571605	3.20502744	3.78261479	5.08842139
1.00E-04	0.2590743	0.2698217	0.26889236	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28153832	0.14861319	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05644942	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31493907	0.04858468	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.69917403	1.42467766	1.00E-04	1.00E-04	1.00E-04
0.53255449	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07782814	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35883132	0.60050398	0.19599582	0.50079901	1.00E-04	0.54665408	1.00E-04
1.00E-04	1.00E-04	0.03953692	0.06298875	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61756526	0.26563247	0.40515237	0.90660829	1.00E-04	0.76224978	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5080602	0.32366529	1.37138372	1.4805924	1.00E-04	1.00E-04	0.16909838
0.47138003	0.41165843	0.45911481	0.48890592	1.11680522	0.45109589	1.27898964
6.81723975	6.89155809	6.74472179	6.66040573	6.42401757	6.59026387	6.25995353
1.00E-04	1.00E-04	0.22147745	0.13111621	1.00E-04	1.00E-04	0.65245196
1.00E-04	1.00E-04	0.13721685	0.58760939	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14265331	0.26839314	0.23481364	0.19361559	1.00E-04	1.00E-04	0.21257887
3.07983302	3.46470524	3.61515144	3.81743837	3.38379291	3.86998574	3.92287615
0.67590686	1.00E-04	0.24061422	0.19836107	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.43103206	0.7319757	1.00E-04	0.75961768	0.17016891
0.42602771	1.19549694	1.17030315	1.14603228	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

4.6414189	4.62006924	4.65154671	4.71875854	0.6397631	1.12124342	1.59462647
0.41493843	0.73052267	0.33399233	0.49911687	1.00E-04	1.00E-04	1.00E-04
0.38431047	0.67707677	0.78370267	0.85119435	1.00E-04	0.36899077	0.09464396
1.00E-04	0.88077177	0.60763993	0.67158454	1.00E-04	0.32778952	1.00E-04
1.00E-04	0.23136684	0.0707067	0.0711517	1.00E-04	0.13071865	0.24282435
0.46173159	0.18458178	0.33947577	0.44148038	1.00E-04	1.00E-04	0.08557164
0.58223856	1.00E-04	0.24727886	0.02723959	1.00E-04	1.12115125	1.00E-04
1.12432961	0.80044738	1.02005564	1.05064453	0.54370492	1.39404896	1.35615224
1.00E-04	0.6329934	1.22206293	1.17802669	1.00E-04	0.47573396	1.69191683
1.00E-04	0.14127426	0.13492687	0.29597756	0.4683059	0.40853719	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7337196	1.5463593	1.93535463	2.02835014	1.00E-04	0.76592743	2.02413482
3.61485543	3.9798941	3.71373891	3.74278399	4.0991725	4.02675944	3.87877793
1.41869756	1.71182665	1.42115737	0.93950845	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31526881	0.46326915	1.00E-04	1.00E-04	0.65636254
1.00E-04	1.00E-04	0.40458106	0.26439628	1.00E-04	0.35396877	1.00E-04
0.54426186	0.5196035	0.07732126	0.14878521	0.24496797	0.26827977	0.80019666
0.77862683	0.28600695	0.39735898	0.13804205	1.00E-04	1.00E-04	1.00E-04
0.12230013	0.34999573	0.28202083	0.48736518	1.00E-04	1.00E-04	0.19692158
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31975009	1.00E-04	0.07644621	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05595247	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15495648	1.00E-04	1.00E-04	0.55940929	1.00E-04
0.936582	1.46057928	2.22474034	2.26759302	1.00E-04	0.25417005	2.1886405
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.81749397	2.44693503	2.96565565	3.1507021	1.93215907	1.32201571	2.54867031
0.38194997	0.1957035	0.20499026	0.35248301	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26044813	0.23485008	1.00E-04	1.00E-04	0.37021682
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10369379	0.46025144	1.00E-04	1.00E-04	1.00E-04
1.22693261	0.72382847	1.40563354	1.7159811	1.00E-04	0.53024859	2.02943384
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18237586	0.20574782	1.00E-04	1.00E-04	0.08557164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0435081	0.0623285	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06142136	0.05450106	1.00E-04	1.00E-04	1.00E-04
0.69791241	0.84910119	0.6365583	0.8730924	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07974261	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.62460091	0.31806028	0.33510955	0.40079739	1.00E-04	0.34850681	0.34032951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3216658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16729421	1.42087401	1.55943089	1.71878096	1.00E-04	0.65637608	1.30979598
3.26566809	3.2942294	3.6355994	3.77656261	2.95650553	3.24869949	4.2005441
0.1908604	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55317546	1.12478784	0.98398593	1.00E-04	1.00E-04	0.56035488
1.00E-04	1.00E-04	0.16637059	1.00E-04	1.00E-04	0.47316859	1.00E-04
0.86557452	0.6224441	1.05657249	1.40036786	0.40975599	1.00E-04	0.59867775
1.00E-04	1.00E-04	0.16978128	0.3419205	1.00E-04	0.8689132	3.17392384
1.00E-04	0.20744347	0.55162046	0.23711662	1.00E-04	1.00E-04	1.00E-04
0.22248093	0.28184192	0.29562438	0.23413776	0.53515803	0.24764169	0.41107726
1.00E-04	0.14903946	0.32859591	0.09517745	1.00E-04	1.00E-04	1.00E-04
1.83609007	2.02526913	2.27449203	2.37451752	0.70172373	1.1479128	1.8148765
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.44845452	1.05266214	0.75206654	1.00E-04	1.64833625	0.79328041
1.00E-04	1.00E-04	0.02842447	0.0493351	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3239847	0.33448751	0.86877253	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11166435	0.7638303	1.02904354	0.62992759	0.79444753	1.0877167	1.19419536
1.00E-04	0.24646587	0.54751976	0.10553569	1.00E-04	0.58148952	0.45002379
1.00E-04	1.00E-04	0.14448016	0.36736097	1.00E-04	1.00E-04	1.00E-04
3.90287983	4.10192256	3.87930085	3.83931295	3.64243097	3.99659583	3.56882162
7.55702533	7.46198024	7.07317259	6.79382648	7.37597374	7.17250634	6.89096819
0.60674855	0.42423187	0.32972694	0.72483883	1.00E-04	1.00E-04	0.78830079
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27710863	1.00E-04
1.00E-04	0.18271246	0.05800379	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61994624	1.63505997	1.00686533	1.03327482	1.3815165	0.97680968	0.84249514
0.78490215	0.96635347	0.87887397	0.87101843	3.04027423	2.02561543	1.88281503
1.00E-04	1.00E-04	0.20791167	0.08291111	1.00E-04	1.5964732	3.47909417
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0438843	0.09307584	1.00E-04	1.00E-04	1.00E-04
1.82941355	2.77610983	3.39624314	3.51717208	2.1163056	2.08478537	3.55404241
1.00E-04	1.3564211	1.21461754	0.62162394	1.00E-04	1.87151338	1.09045647
1.29128533	0.79399251	0.98215295	1.05108135	1.00E-04	0.30127966	0.58256347
1.00E-04	0.33316273	1.02561865	0.86273714	1.00E-04	0.28135532	1.40618943
1.00E-04	1.00E-04	0.07304724	1.00E-04	1.00E-04	0.2827378	1.00E-04
1.00E-04	0.30727191	1.89292222	0.0471863	3.40493711	5.32384137	6.04753704
0.6898306	1.28461411	1.7952249	1.90762331	1.00E-04	1.53960171	2.02546336
1.00E-04	1.00E-04	0.09231507	0.0994875	0.39382455	1.00E-04	1.00E-04
1.00E-04	0.04534268	0.33115786	0.21954363	1.00E-04	0.80490006	0.11699513
2.98667545	3.0854274	2.88364362	3.01842621	2.37045864	3.17842411	3.40285902

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11361382	0.13306992	1.00E-04	1.00E-04	1.00E-04
4.70369015	4.57969744	4.29758015	4.32181198	3.92569441	4.21816532	3.78271996
1.36697317	1.71124599	2.43677912	2.61293956	1.38876864	0.85183554	1.8799163
1.00E-04	1.00E-04	1.00E-04	0.07362627	1.00E-04	1.00E-04	1.00E-04
0.28195471	0.36052938	0.31046069	0.72127957	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.19024888	1.00E-04	0.97872303	1.09951308
1.66928928	2.01299096	2.46264734	2.99122049	1.47668443	0.99167598	2.27519328
0.4636045	1.00E-04	0.13761521	0.34651197	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99152779	1.70734792	1.95054418	1.99018158	2.49649412	2.4524097	2.70945418
0.23522054	1.00E-04	0.25740505	0.3856144	1.00E-04	1.00E-04	1.00E-04
5.26511723	5.54297054	5.14945296	5.10323457	5.5583269	5.73145449	5.31482412
1.00E-04	1.00E-04	0.75952441	0.46784802	1.00E-04	0.27423953	1.00E-04
1.00E-04	1.00E-04	0.049799	1.00E-04	1.00E-04	0.45330561	1.00E-04
1.00E-04	0.28279221	0.78705887	0.63697895	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0675127	0.13432393	1.00E-04	1.00E-04	0.24773715
1.00E-04	0.20985841	0.14561023	0.13676508	0.56063254	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1493873	0.07293447	0.43090184	1.00E-04	1.00E-04
0.17727073	1.00E-04	0.05222599	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12408116	0.21408436	1.00E-04	1.00E-04	0.16770769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1476277	1.00992776	0.76387583	0.62907239	2.0462684	1.57944404	1.69445627
0.79451612	1.51983452	1.18889159	1.25891923	0.35320673	1.23173032	0.1362077
1.00E-04	1.00E-04	0.08067697	0.06711866	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4351163	0.22732452	0.32195002	1.00E-04	0.21637101	0.16885696
1.00E-04	1.00E-04	1.00E-04	0.05918696	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05843225	0.10776358	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0669403	0.10284185	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21554997	0.1868613	0.2458432	0.8104991	0.40983364	0.16885696
1.00E-04	0.22921129	0.40670924	0.54743311	0.38530742	1.00E-04	0.23893483
1.00E-04	1.00E-04	1.00E-04	0.06728025	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31601241	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04259861	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13864085	1.00E-04	0.14239568	1.00E-04	0.89889756	0.77594898
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.91237206	1.48867913	1.18874751	1.00E-04	0.76187001	1.26136468
1.00E-04	0.43129475	0.61716141	0.61338976	1.00E-04	0.96287883	0.47379551
1.00E-04	0.57457557	0.18941054	0.26399509	1.00E-04	1.00E-04	1.00E-04
3.1056585	3.50422083	3.09566963	3.2615937	3.47867885	4.07672538	4.01654631

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.35033911	0.20533934	0.16317331	1.00E-04	0.3657878	0.3437723
0.91166674	1.00E-04	0.10006636	0.22129348	2.31267767	0.77796666	1.00E-04
1.00E-04	0.28089804	0.21290224	0.02583966	0.50894684	1.00E-04	0.37177728
0.18986072	1.00E-04	0.25953447	0.16459423	1.00E-04	1.00E-04	0.74978707
1.00E-04	0.28184192	0.29128796	0.11442048	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.9863891	1.54650441	1.5754925	1.00E-04	0.27371291	1.52968966
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07149622	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15583191	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.81863796	0.60690794	0.73145341	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02850881	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14123632	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33080752	1.00E-04	0.15992072	0.14416955	1.00E-04	1.00E-04	1.00E-04
2.65883512	2.6795354	2.6507993	2.84604732	2.94214717	3.19435312	3.0627901
0.17727073	0.23881798	0.36050591	0.3933937	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08067697	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31323036	1.34410496	1.6940548	1.37732625	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.33455758	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26409476	0.24413804	0.07036513	0.07895182	1.00E-04	1.00E-04	1.00E-04
3.28702646	3.20713508	3.19072498	3.31585082	3.43794045	3.53436057	3.57091876
2.49796458	2.83231409	3.5493832	3.6384168	1.17249478	2.80445291	3.03768502
0.32308392	0.80212982	0.19798337	0.3878396	0.45086753	0.34543859	1.05160423
1.00E-04	0.38168966	0.89779272	0.27140229	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12539523	0.50582337	1.00E-04	0.78868346	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03734035	1.00E-04	1.00E-04	1.00E-04
1.08659917	0.69069656	1.7310225	1.72209728	1.06848126	0.10651827	1.6932273
0.45642904	0.64459219	0.8210724	1.1160277	1.45398401	1.06359142	0.41747302
0.44189437	0.5613995	1.60104792	1.88382567	1.00E-04	0.24890888	0.63109199
0.69538292	0.69717627	0.40933011	0.39355997	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07146181	0.14349904	0.07846403	0.45782594	1.00E-04	0.48283159	0.11699513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.76914015	0.12435818	0.27653599	1.00E-04	1.00E-04	0.22681224
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34006258	0.35977759	0.33916106	0.66390783	0.34492066	1.00E-04	0.70079198
1.48681994	1.94841566	2.03146431	2.16121316	1.00E-04	1.49572502	1.96723524
1.00E-04	0.25624121	0.30569835	0.21777986	0.54065888	0.75475371	0.17349997
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.41861044	3.12642046	3.10313603	3.16874662	3.765883	3.55234127	2.82298248
1.29796619	1.68980343	1.8443793	1.99934554	0.38530742	1.36452426	1.44363657

1.00E-04	1.00E-04	0.02364307	0.0373653	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31152204	0.42172132	0.27032223	1.00E-04	1.00E-04	0.20772946
1.00E-04	0.43149643	0.98468985	0.50732317	1.00E-04	0.19146001	1.00E-04
2.57425533	2.96855207	3.26415155	3.37537023	2.61868245	2.39842897	2.87527312
0.82435648	0.4940267	0.0337357	0.16252459	1.00E-04	0.36825895	1.00E-04
1.13058942	1.30592318	1.57206831	1.63511924	1.00862884	0.0838544	1.37871288
0.31991784	0.42337392	0.94578954	1.00379238	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27390571	1.59980428	2.79368308	2.62149402	1.00E-04	1.00E-04	1.00E-04
1.59990617	0.54424723	0.71035142	0.421584	1.00E-04	0.88714524	0.85775981
1.00E-04	1.00E-04	0.74789487	0.76851036	0.24496797	1.00E-04	0.38944984
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43449614	1.38338923	1.3973083	1.59454138	0.97377595	0.54686486	1.77083554
1.00E-04	1.00E-04	1.00E-04	0.03805716	1.00E-04	1.00E-04	1.00E-04
3.89138253	4.45399176	4.40604244	4.50605492	4.48314995	4.85021952	4.47381695
0.98286108	1.62172139	2.22132045	2.27811381	1.62238915	1.14916496	1.96403884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39240326	2.17687895	1.64802194	2.01442144	2.83906184	2.40884532	1.77047359
1.00E-04	0.3893136	0.9638416	0.57555941	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08067697	0.05397482	1.00E-04	0.34850681	1.00E-04
0.5180934	1.00E-04	0.29078143	0.31534158	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26911032	0.19562122	0.10817938	1.00E-04	1.00E-04	0.31671355
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31926856	0.40122629	0.7714157	1.08922618	0.69910439	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.57250008	0.55193218	1.00E-04	1.00E-04	0.11808513
0.20517817	1.00E-04	0.04578143	0.13071444	1.00E-04	0.06695938	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0438067	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23070626	0.41652505	1.00E-04	1.00E-04	0.87484749
0.67087546	1.22678264	1.63326873	2.07167179	0.5982431	0.63055269	1.72403175
0.83498681	1.00E-04	0.04284286	0.16690407	1.00E-04	1.00E-04	1.00E-04
1.19372649	0.66581366	1.02402709	1.00512969	1.00E-04	1.00E-04	0.11699513
0.22787797	0.1369068	0.1718467	1.00E-04	0.71359132	0.53883253	0.23204834
1.00E-04	0.11888122	0.66255389	0.49258702	1.00E-04	1.00E-04	1.00E-04
3.06948319	3.31789579	2.70411677	2.86942823	3.17669741	2.86412664	2.52138962
1.00E-04	1.00E-04	0.11855241	0.26482186	1.00E-04	1.00E-04	1.00E-04
2.51882059	2.87931779	2.47364571	2.71498791	2.637666	2.88851253	2.17695347
0.19212494	0.39198101	0.42989469	0.3645973	1.00E-04	1.00E-04	0.25203293
0.37242279	0.6626144	0.90285699	0.85441337	1.00E-04	0.93287859	0.46697498
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50311024
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07093496	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.48374284	0.52431843	1.00E-04	1.00E-04	0.91197797
1.5595893	2.14842896	1.29453668	1.66476824	1.66735576	2.51635101	1.61630133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82751342	0.65454867	0.55348246	0.5141572	1.41853617	0.12583522	0.50986773
1.2414223	1.05426987	1.72211815	1.83891903	1.00E-04	1.00E-04	0.31651866
1.00E-04	1.00E-04	0.37104363	0.1908857	1.00E-04	1.00E-04	0.26354179
3.44057763	3.81442926	3.35238674	3.53866292	4.33447709	4.17589766	3.93614776
0.20517817	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2946292
1.00E-04	0.31975009	0.11695861	0.37891515	0.48060496	0.39261666	0.38124843
1.00E-04	1.00E-04	1.00E-04	0.11234064	1.00E-04	0.34440142	0.43336987
2.85600088	2.68791384	2.43227002	2.45978009	4.73308368	4.50020538	4.31832501
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1874069	0.60669826	0.48569423	0.38805834	1.00E-04	0.43958412	1.28979269
6.34822794	6.57118455	6.59222648	6.5796703	2.66270937	3.0272085	3.38109671
3.41667876	3.86939794	4.05170801	4.0608096	2.9481272	3.3747732	3.04551554
3.3640288	3.72169585	3.66896484	3.27909356	1.80101508	1.81112905	2.47441448
0.29754206	0.07955883	0.57464151	0.63923554	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7058052	0.1811605	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85933132	1.65578922	1.57869759	1.36341166	1.00E-04	0.14939575	1.34188724
1.00E-04	1.00E-04	0.52984691	0.63509869	1.00E-04	1.00E-04	1.00E-04
0.5763987	0.05656127	0.27226146	0.40158797	1.00E-04	1.22009539	0.65298383
1.00E-04	1.00E-04	0.04486511	0.09817888	1.00E-04	1.00E-04	1.00E-04
5.14108777	5.38517059	5.16106541	5.18403944	5.35715724	5.62480092	5.27549518
1.00E-04	1.00E-04	1.00E-04	0.04543742	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3169588	0.54436571	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.51860623	0.45098172	1.00E-04	1.00E-04	0.22681224
1.00E-04	1.00E-04	0.03521054	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8532615	0.7879856	0.82293797	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02100345	0.10171831	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.45296214	0.38902703	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02998984	0.1938106	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.01113316	4.0541956	3.90810482	3.78183333	3.76300179	3.76794281	3.65760033
1.00E-04	1.00E-04	0.6361324	0.39987697	1.00E-04	1.00E-04	0.54697902
0.44910759	0.8298691	0.7760588	0.90714325	1.00E-04	0.20839209	1.03419466
0.69575837	0.58418448	0.7947648	1.31040924	1.00E-04	0.26855651	0.39931564
1.00E-04	0.42434572	0.42068852	0.30345349	0.43177254	1.31761396	1.00E-04
1.69511176	1.94031805	1.76546978	1.84892955	3.41913294	2.85440817	2.34785118
1.00E-04	1.25533644	0.62728648	0.40891544	1.00E-04	1.00E-04	1.00E-04
0.15737099	1.00E-04	1.00E-04	0.28146596	1.00E-04	1.23281128	1.00E-04
0.26546862	0.33045809	0.26853422	0.35009756	0.43177254	1.00E-04	0.33150202

1.00E-04	1.00E-04	0.11087145	0.16775436	1.00E-04	1.00E-04	1.00E-04
0.95468069	1.62479941	2.21423597	2.51409198	1.39152068	1.15747235	1.68206358
1.00E-04	1.54046557	1.52152119	1.78361908	1.9149764	1.46352492	2.3626411
1.00E-04	1.00E-04	0.15703055	0.29631111	1.00E-04	1.00E-04	0.62744434
1.00E-04	1.00E-04	0.08301843	0.14628947	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04362807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19212494	1.00E-04	0.36377083	0.14364225	1.00E-04	0.62075894	0.85372388
3.35847871	3.32215759	2.78313566	2.75156818	4.50034568	3.69899815	3.51419133
2.69159739	3.10147535	2.59774214	2.63540392	2.62705713	3.2581377	3.0668112
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30883976	0.11998606	1.00E-04	1.00E-04	1.00E-04
0.55556021	0.78650001	0.71994972	0.53513563	1.36548824	0.41915596	0.7991474
0.7569989	0.58281791	0.64078624	0.83218888	1.00E-04	1.06676295	0.35106062
1.00E-04	0.23318549	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37407927	1.00E-04	0.08266112	0.03388656	1.00E-04	1.00E-04	0.6843586
2.20047021	2.29603825	2.39078371	2.45501988	2.18820037	2.32153437	2.66247066
1.00E-04	1.00E-04	0.04377005	0.10734779	0.74910948	0.39543626	1.00E-04
1.00E-04	0.45757865	0.0731218	0.12085437	1.00E-04	0.41062688	0.66205541
1.63726655	2.31669217	2.97610707	3.10969996	1.49749149	1.81513131	2.47178867
1.00E-04	1.00E-04	1.00E-04	0.081012	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08407392	1.00E-04	1.00E-04	1.00E-04
0.36990848	0.20285861	0.62248217	0.60861722	1.00E-04	1.00E-04	0.70597751
2.50819911	2.84662862	3.58776463	3.77563655	1.57014762	1.29509371	2.76035385
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06639836	0.02850881	0.04280709	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15574832	0.10788686	1.00E-04	1.00E-04	1.00E-04
1.69162827	1.16447017	1.72300646	1.72882869	1.00E-04	1.00E-04	1.00E-04
1.21025517	3.22507863	2.02975346	1.31452743	6.68843533	6.17682843	5.59233342
0.50790913	1.00E-04	0.27987571	0.45801306	0.88187988	0.27052208	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13949268	0.30306775	0.27400684	0.16741096	1.00E-04	0.87133223	0.34032951
3.41116983	3.71102651	3.41788934	3.48332713	3.16408821	3.85577114	3.78590921
0.6662547	1.70579894	1.34211825	1.46211265	1.00E-04	0.33319502	1.41994991
1.00E-04	1.00E-04	0.04933319	0.25474424	1.00E-04	1.00E-04	0.4824001
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6671292	2.24049571	2.29249023	2.21092598	4.04038652	3.54957317	3.41234717
1.00E-04	0.61637778	0.23266534	0.14921457	1.00E-04	0.40752836	0.25275834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45515148	0.57783336	0.32086064	1.00E-04	1.00E-04	0.35106062
0.95589837	0.8166759	1.09710397	1.16820386	0.67410193	0.98118525	0.85124682
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.76384945	1.38462195	1.12509393	1.10784557	0.77802259	1.70337856	1.43955819
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.90033187	1.94580476	1.93846789	1.64499538	1.66048431	2.42214799	2.32263895
2.62986397	2.71533756	2.84278863	2.94847887	2.33319979	2.51543469	2.44148446
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67010221	2.14285965	1.67655724	1.70774479	1.49317304	1.76988918	1.57837953
1.00E-04	1.00E-04	0.03372302	0.07458927	1.00E-04	1.00E-04	0.38798655
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07297066	0.17817195	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.19735157	1.00E-04	0.20839209	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.2263901	1.00E-04	1.00E-04	1.00E-04
6.38989082	6.56198121	7.36930942	7.53216096	5.93515961	5.76781961	7.11886428
4.7668364	4.80050705	4.37463122	4.32449107	4.92381373	4.90073688	4.54528079
2.27690446	2.71975208	3.45190025	3.56312788	2.56194931	3.14050237	4.04194799
1.00E-04	0.77523714	1.17406271	1.21908058	0.69158286	1.00E-04	0.47763061
1.00E-04	1.00E-04	1.00E-04	0.0592497	1.00E-04	0.77188983	1.00E-04
1.00E-04	1.00E-04	0.29372544	0.65095139	1.32475459	0.61342463	0.92659685
0.3371285	0.51760538	0.82343617	0.56089632	0.78685536	0.29729505	0.22577116
1.00E-04	1.00E-04	1.00E-04	0.0452755	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06560602	1.00E-04	1.00E-04	1.00E-04
0.32656027	0.25615406	0.29825578	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.11192094	5.20892676	4.99915225	4.89633384	5.37643276	5.515222	5.37412933
1.00E-04	1.00E-04	1.00E-04	0.05552975	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28900618	1.00E-04	0.11823578	0.1455378	1.00E-04	0.43385867	0.16257726
0.85051757	0.3956529	0.16978592	0.22152385	1.00E-04	1.00E-04	0.36812399
0.47542988	0.81101932	1.28277475	1.45122625	1.00E-04	1.19086385	0.79969245
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36350612	1.05618159	0.99239638	0.67636589	1.00E-04	0.5462964	0.13785291
1.00E-04	1.00E-04	0.19859889	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.81749615	3.19328188	3.40136577	3.09677741	2.4224087	2.98942451	3.63065116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24538996	0.60287836	0.54385908	0.68037304	1.00E-04	1.00E-04	0.11565659
1.00E-04	1.00E-04	0.05580156	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07783344	1.00E-04	1.00E-04	0.61139607	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36990848	1.00E-04	0.10233805	0.20503574	1.30695208	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08430908	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29532603	0.20688885	0.20951928	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04430356	0.10770084	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93520779	0.46088155	0.75327271	0.94080805	0.40912496	1.00E-04	1.02439738
3.11991327	2.93218543	2.95409823	3.16434087	2.72831598	1.84991061	2.6097787
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.85670099	2.17200528	2.26632489	2.37990731	2.49000402	2.09251888	2.34900612
1.00E-04	0.48213055	0.17393242	0.80542862	1.00E-04	0.25244024	1.00E-04
1.00E-04	1.00E-04	0.23946594	0.32094187	1.00E-04	0.49385403	0.44379634
1.2451132	1.96037138	1.25595327	1.46729971	1.30799011	2.86857608	2.00919729
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36788354	0.78834784	0.69912094	1.02514103	1.00E-04	1.01219744	0.7780871
1.00E-04	1.00E-04	0.23727395	0.06531469	1.00E-04	1.00E-04	1.00E-04
0.29903155	1.00E-04	0.04494758	0.14841659	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20388268	0.08265644	0.2907428	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70446627	1.00E-04
1.27674708	1.28865995	0.41817812	0.40615137	1.00E-04	0.66387772	0.76887674
0.2977978	1.00E-04	0.23134726	0.17523146	1.00E-04	1.00E-04	0.30893958
1.00E-04	0.40769157	1.26798549	1.29415787	0.40975599	1.00E-04	1.37928185
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17922381	1.33019968	1.24577335	1.29045376	1.16944887	1.01591826	1.34891091
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.01190456	0.1358613	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.72650812	2.27756028	1.75269523	1.53500038	0.78094411	1.00596967	0.11699513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36619253	1.00E-04
0.25550183	0.26760866	0.20743169	0.32740833	0.8907226	0.29138547	0.62368723
1.00E-04	1.00E-04	0.08673367	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.36575746	5.47519421	5.11381999	5.03311785	4.8970494	5.17577771	4.88581317
1.00E-04	0.12771731	0.21222016	0.25596516	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02601391	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16464448	0.18453462	0.2111407	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.05246818	3.38095817	3.33133326	3.27872403	2.96707714	3.09949561	3.32811339
1.00E-04	1.00E-04	1.00E-04	0.04250117	1.00E-04	1.00E-04	1.00E-04
3.74352761	4.03112253	4.27129543	4.30242806	4.10159869	4.09115457	4.45498821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.12853039	0.06850915	0.09780077	1.00E-04	1.00E-04	1.00E-04
0.47433126	0.39673864	0.44653792	0.44650024	1.0537518	0.10651827	1.69559595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.39149292	0.31782811	0.05052869	0.07714267	0.56063254	0.42921224	0.70546487
1.00E-04	0.2864731	0.56665639	0.37490426	1.00E-04	0.63412712	1.39407478
1.00E-04	0.21564208	0.14649092	1.00E-04	0.40975599	0.35702157	1.00E-04
0.33322991	1.00E-04	0.20416587	0.24289359	1.00E-04	0.66902252	0.60848909
0.28742455	0.17070607	0.14143556	0.22861223	1.00E-04	1.00E-04	0.28991116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24305445	0.94157908	1.16537422	1.35032597	0.67391014	0.92890795	0.85237499
0.73851401	0.71139897	0.58807982	0.68216298	1.00E-04	1.49247341	1.1667684
1.94555286	2.32726327	1.81022659	1.53909074	2.2425351	3.19287654	2.03112046
1.00E-04	0.04336477	0.07967121	0.12043944	1.00E-04	0.55532292	0.62382451
1.30662001	1.41310021	0.90029101	1.35542311	1.00E-04	0.84976142	0.97295146
1.00E-04	0.40193389	0.06265213	0.10779409	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05700051	0.2785336	0.16446615	1.00E-04	0.40174274	0.16257726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28135532	1.00E-04
0.38796739	0.35254455	0.19509266	0.63299174	1.00E-04	0.14939575	1.23261455
1.00E-04	1.00E-04	0.17544268	0.22758073	1.00E-04	0.83506517	1.00E-04
1.65327492	1.92892597	1.78551116	2.0743455	1.11078992	1.66227171	1.66525569
1.31529117	1.55947158	1.67567925	1.46236895	1.00E-04	1.63033928	1.65155951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24496797	1.00E-04	1.00E-04
0.92996045	1.61512713	1.74184927	1.71026342	1.00E-04	1.86310064	2.02873109
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04815845	1.00E-04	1.00E-04	0.29937888	0.07440699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.2316325	0.42204958	0.37931852	1.00E-04	0.29050809	1.00E-04
1.54262879	0.85068697	2.19669136	2.36903207	0.63414071	1.32270693	2.12746697
1.00E-04	0.20375924	0.17325148	0.05069521	1.00E-04	0.25950361	0.61639407
1.00E-04	1.00E-04	0.17801314	0.05089831	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05482339	0.18760484	1.00E-04	1.00E-04	1.00E-04
0.51938054	0.78915177	1.2973564	1.37166549	0.40912496	0.48566119	1.45104312
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24115982	0.28580874	0.15045268	1.00E-04	1.00E-04	0.50050363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04596041	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20220651	0.21029762	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.28052926	1.05163154
1.00E-04	0.1214348	1.00E-04	0.1291205	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05483457	0.10265287	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26560452	0.27029575	1.00E-04	1.1312695	0.71665273
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66182821	0.23648577
0.9680362	1.58313863	1.69974709	1.78566519	1.08235874	1.21529286	1.27591493
1.00E-04	1.00E-04	1.00E-04	0.0517464	1.00E-04	1.00E-04	1.00E-04
2.54390352	2.66824907	2.61025592	2.62604823	2.2477866	2.64532749	2.09023433
2.78564937	2.83522533	2.66509404	2.86017665	2.76610715	2.85949047	2.87712879

1.00E-04	1.00E-04	0.18637266	0.16346993	0.6397631	0.90488184	0.68245562
0.4934689	1.37288861	1.29207039	1.24087579	0.69732721	1.48554948	1.65231211
3.1163193	3.3654744	3.09922337	3.27320464	2.6193011	3.1408789	2.95591963
1.00E-04	1.00E-04	0.05127031	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27779723	0.03167416	0.06508652	2.70755575	1.05650381	1.17206752
1.87593374	2.00904192	1.99514931	2.06715101	3.10073968	2.95246576	2.80901547
1.00E-04	1.00E-04	1.00E-04	0.07594754	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17502219	0.20204782	1.00E-04	0.54828133	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09806364	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89437994	3.55258629	3.18864984	3.13582416	4.46801911	4.9212381	4.76404526
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16105699	0.3654567	1.00E-04	0.23689648	1.00E-04
0.44467568	0.77377893	0.4688192	0.45495618	1.00E-04	0.63877265	1.00E-04
3.53572588	3.41265586	3.85421781	3.90748396	2.9371129	2.80122001	4.32828251
2.43677532	3.05399998	3.87421502	3.99384362	2.2830534	2.65737102	4.12308917
1.00E-04	0.17502219	0.39280383	0.27532072	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.42606475	0.16561361	1.00E-04	1.00E-04	0.53466634
0.35254252	0.14842698	0.40989778	0.27156497	1.00E-04	1.00E-04	0.42495694
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12174474
1.54460991	1.97679859	1.88607916	1.58467472	3.0434774	3.39465983	3.05784741
1.00E-04	1.00E-04	0.08388311	0.18157483	1.00E-04	1.00E-04	0.23721926
0.672115	0.29394519	0.27021998	0.31400658	0.74910948	0.23810185	0.51393506
2.28525607	2.75649274	1.87751834	2.45522048	1.30818508	2.08823662	2.38996019
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06396311	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53473594	0.18414442	0.64214719	0.41397792	1.00E-04	1.00E-04	0.61898179
1.0910942	1.32659528	1.67892287	1.4110744	2.72542875	1.78442028	1.85512881
1.00E-04	0.34245448	0.15749768	0.06647999	1.00E-04	1.00E-04	0.17016891
2.34733155	2.41531673	3.22743801	3.56132316	0.79005749	1.5456761	3.08627105
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16688762	1.00912407	0.69044374	0.6929736	1.03936525	0.91763923	1.06611924
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.72485794	4.74672204	5.61500447	6.20336818	4.02936697	5.00293992	5.02272872
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18271246	0.41937114	0.39370999	1.00E-04	1.00E-04	0.40869447
1.37385955	1.52873392	2.59002336	2.70462353	0.51102197	0.85226549	2.23293986
1.64261252	1.7917082	2.6241721	2.83369409	1.57129523	0.86479567	2.39396862
1.00E-04	0.23497834	1.00E-04	0.09588724	1.00E-04	1.00E-04	1.00E-04
1.01599975	1.16001086	1.41820376	1.41507655	0.56063254	0.28241755	0.1362077
0.43285416	1.00E-04	0.09496054	0.30363726	1.10286967	1.00E-04	1.00E-04
0.23251313	0.69623423	1.01495652	1.09574319	1.00E-04	0.88659478	0.71120888
1.00E-04	1.00E-04	1.00E-04	0.20065999	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07864762	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.06162754	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22151153	0.18791551	0.07537393	1.00E-04	1.00E-04	1.00E-04
0.79821608	1.03567935	0.96112077	1.10728942	1.00E-04	0.37848123	0.64561124
4.12313671	4.12135596	4.11039222	4.07901909	3.71689745	4.15692035	3.96307481
2.6953638	2.39230615	2.16114287	2.25133298	2.51952732	2.34937883	1.34886987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19932323	1.00E-04	0.18071069	0.0896989	0.74365793	0.96109955	1.00E-04
0.6719097	0.27996051	0.37768347	0.12894094	1.00E-04	1.3281617	0.64821596
1.00E-04	1.00E-04	0.15114529	0.15586846	1.00E-04	0.67700479	1.00E-04
1.33822429	2.17124705	2.61691756	2.4511501	1.50094901	1.84969661	1.88972132
2.85474037	3.1649449	2.84070469	2.82039373	2.87524843	2.64835963	1.46685223
1.00E-04	1.00E-04	0.05250123	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88680668	1.15230628	1.39613211	1.48277635	0.8907226	1.63523736	2.03260022
1.00E-04	0.52778458	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61291585	1.52626462	1.52465778	1.52521514	2.21935902	2.5449227	1.62355873
1.00E-04	1.00E-04	0.08906573	0.13688651	1.00E-04	1.00E-04	0.17016891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31000509	0.23318461	0.46472457	0.56845554	0.4683059	1.00E-04	0.53523136
1.00E-04	0.79513492	0.51626456	0.97437671	1.00E-04	1.02083408	0.88253104
2.88284666	3.13498612	2.76853232	2.67458056	2.91574407	3.12288008	2.64146917
1.00E-04	0.58774821	0.41287807	0.42894893	1.00E-04	1.00E-04	0.20863314
2.748972	3.31977012	3.10575634	2.82490283	0.70997801	2.46621001	1.32538547
1.00E-04	1.00E-04	0.0709363	0.24427859	1.00E-04	1.00E-04	0.07440699
1.00E-04	0.43925627	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23927133	0.04717862	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97628051	0.97987567	0.47032397	0.72796246	1.00E-04	0.55622575	0.27949295
1.00E-04	1.00E-04	0.03980016	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10793715	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14172522	0.05239634	1.00E-04	1.00E-04	1.00E-04
0.92989615	0.98562513	0.97480589	0.98964686	1.169735	1.43985852	1.03837434
1.00E-04	0.1960454	1.00E-04	0.07106123	0.67865304	1.00E-04	1.86504572
0.74490838	1.06729227	1.33932512	1.1060085	0.54370492	1.36385214	2.71935957
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9023001	1.13000863	0.99624963	1.40009873	1.89590909	2.21967688	2.03566014
1.00E-04	1.00E-04	0.09486545	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22749014	0.07722892	0.35325676	0.31879656	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.80797988	0.79876758	0.80859928	1.00E-04	0.49382467	0.68189966
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44470013	1.00E-04
4.43735442	4.42914243	4.85303885	4.68050354	1.00E-04	1.99270821	1.68699829

0.34583049	1.00E-04	0.05083427	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41602089	2.3745464	2.15308564	2.22944285	3.7563723	4.08875679	3.81700369
1.00E-04	1.00E-04	0.13106715	0.06263582	1.00E-04	1.00E-04	1.00E-04
2.23673093	2.47266311	2.22008304	2.24289314	1.60224998	2.27033313	1.94971592
1.00E-04	0.21161821	0.66428259	0.36307958	1.00E-04	1.00E-04	0.09760498
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38254481	1.0165069	1.21131067	1.061467	0.51102197	0.53951695	0.5069318
1.00E-04	0.28374897	0.10516707	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.66993806	4.69650521	4.34765194	4.30403755	4.09498665	4.72081686	4.04031457
0.52769583	0.47347555	0.14042071	0.31808468	1.00E-04	1.00E-04	1.00E-04
2.66396218	3.61177644	3.49511838	3.62571059	3.00252363	4.25182658	3.90286867
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91279515	2.43271111	2.82244239	2.84784274	1.34301372	2.40446554	2.5929403
0.19182838	1.28567341	1.58502394	1.3585911	0.38530742	1.00E-04	1.57640454
0.20290409	0.45199531	0.19432988	0.25614909	1.00E-04	1.00E-04	1.00E-04
0.81086836	0.42951247	0.87890824	0.79457336	0.48823099	0.44709989	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21771568	0.65728752	1.11387014	1.0779262	1.00E-04	1.00E-04	0.82383714
1.00E-04	0.33138554	0.13332084	0.13646585	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06463492	0.84840873	0.4735969	0.32432879
0.32260198	0.07142777	0.09683819	0.05515716	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55831705	0.286821	0.35276033	1.00E-04	0.23817629	0.220236
1.45431135	2.25494138	1.77573726	2.10568728	0.87242076	1.61239256	1.55250994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61890944	2.28743785	2.24994351	2.30987079	0.24496797	1.11631479	1.07106566
3.72164742	4.08678612	4.82495116	4.97241686	3.09218971	3.38154283	4.72861935
0.97136043	2.19959727	3.00603541	3.00250503	0.88304788	1.8762483	3.01134283
1.06077404	0.72685644	0.45023809	0.5015544	0.53515803	0.3924612	0.49978075
2.67098419	3.46496078	3.7906669	3.90473275	1.57924295	3.83849322	2.72662672
0.14465503	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06639836	0.04722832	1.00E-04	1.00E-04	0.48863339	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32848279	0.33858578	0.43584914	0.42762488	1.00E-04	0.69696338	1.00E-04
1.00E-04	0.16673559	0.28734709	0.51276731	1.00E-04	0.38375241	0.83822697
1.00E-04	1.00E-04	0.09879932	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41650349	1.98367555	1.41885196	1.24926043	1.06485123	1.54549607	2.24327096
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.90228787	1.20409742	0.53213879
1.7169737	1.95999891	2.4406071	2.140015	0.60581275	2.47192936	3.39184057
1.00E-04	0.32849567	0.35898064	0.44186898	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.4209002	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13658595	0.11209146	1.00E-04	1.00E-04	1.00E-04
2.15806047	2.79485	2.37922844	2.80243876	2.95668826	3.62077029	3.06020896
0.41351616	0.99404234	1.31499613	1.11879866	1.00E-04	1.65474644	1.66555144
2.02007094	2.56966959	2.08998049	2.52322507	2.91417475	2.47754601	1.76056247
1.15736595	0.62760374	1.47950895	1.90838548	1.0551217	1.28078517	1.02580224
0.21749776	0.18642102	0.41950761	0.62481632	1.00E-04	1.00E-04	1.00E-04
1.34982872	2.00160332	1.77927897	1.6945802	0.43177254	1.99880562	2.02280717
0.60379727	0.72173923	0.9579788	0.70061338	1.00E-04	0.54042353	0.92948709
2.42816223	2.26139407	1.59251341	1.97200785	2.68276062	2.82186868	2.16492438
1.31160918	1.54147111	1.70311573	1.80513181	1.59824172	2.21450775	1.86353481
1.00E-04	0.96312569	0.33444166	0.43857284	1.00E-04	0.5462964	0.4449741
1.00E-04	0.13860286	1.00E-04	0.05086126	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20891127	0.12741514	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0856489	0.04843595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12472147	0.39460546	1.00E-04	1.00E-04	1.00E-04
0.28752785	0.481419	0.31277204	0.34896819	1.00E-04	0.62208279	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28742455	1.20774701	0.8187367	0.80359536	1.00E-04	1.06580461	0.75707068
2.07639838	2.27113685	3.29119478	3.42472773	1.69338698	1.81453124	2.84152892
0.54790467	1.33801206	1.16183669	0.97611811	2.01542412	2.15714913	1.69541589
0.17198161	0.36572946	0.73133129	0.96389816	0.63583153	0.33769545	0.55221833
1.52099947	1.89089359	1.60982663	2.04237304	0.69043823	0.34375714	1.49655774
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15057101	0.27644191	1.00E-04	1.00E-04	1.00E-04
0.64936116	0.82784794	0.33846935	0.50282103	0.96205712	1.77921012	1.33507289
1.00E-04	1.00E-04	0.10093032	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07752794	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.46894808	0.30751719	0.30287601	1.02678086	0.76534909	0.53190256
0.49501064	0.07314043	0.76349215	0.54993042	1.00E-04	0.28135532	1.00E-04
0.81022869	0.89384098	0.85364689	0.79574421	0.74910948	0.71130352	1.36980911
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25385769	1.00E-04	0.32808288	0.12000509	1.00E-04	0.80298045	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06602451	1.00E-04	1.00E-04	1.00E-04
0.11825932	0.47527317	0.37588596	0.43873165	1.00E-04	1.15466885	0.98748154
1.00E-04	1.00E-04	1.00E-04	0.04676004	1.00E-04	1.00E-04	1.00E-04
0.9888095	1.19076673	1.94223338	1.97268287	1.90030917	1.31174494	2.71925675
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59277125	0.21217243	0.19787712	1.00E-04	0.77961331	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06276242	1.00E-04	1.00E-04	1.00E-04
0.51988969	0.72358399	0.44163567	0.67729337	2.39393613	2.84947826	3.20201608
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55654531	1.00E-04
2.29462026	2.22566528	2.14414673	2.39554475	2.61309177	2.63232164	2.09483808

1.00E-04	0.20355385	0.47768151	0.31282978	0.67865304	1.00E-04	0.50751015
0.48672497	0.17652021	0.36103346	0.56986871	1.00E-04	1.00E-04	0.75110815
0.70415248	1.3265285	1.69929484	1.88338877	1.13720018	0.21159524	1.5121569
0.32656027	0.69131714	0.54554888	0.63461082	0.53515803	1.00E-04	0.31539014
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06221583	1.99445114	2.6721486	2.82517455	0.67807034	1.13002278	2.2750883
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78577634	1.18885995	1.34479233	1.21001765	1.372152	0.52534024	0.76348119
1.3804636	1.35460573	0.97133666	1.06137934	0.71323012	0.84852268	0.51121579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07881284	0.88308116	0.69834105	0.6872916	1.45790651	2.02572	1.83221458
1.00E-04	1.00E-04	0.05581314	0.1546391	1.00E-04	0.60381164	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.11041747	3.81179609	4.77460486	4.90574599	3.00725886	3.23408107	4.56400937
0.28742455	1.00E-04	0.05536507	0.08475842	0.41241033	1.00E-04	1.00E-04
0.27089922	0.19035543	0.06597147	0.04997908	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64163701	0.71457527	1.23463586	1.13327727	1.00E-04	0.2827378	1.32557444
3.28842535	3.55648997	3.29879686	3.34022851	2.3793162	3.4351599	3.20946336
1.00E-04	0.49854002	0.67033135	0.59784772	1.00E-04	1.00E-04	0.28446781
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1040645	1.00E-04	1.00E-04	0.20772946
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67453231	0.06964474	0.26864	0.37791069	0.59189493	0.71638906	0.11565659
1.00E-04	0.25252641	0.09072186	0.19473462	0.54370492	0.78393008	1.00E-04
1.00E-04	1.00E-04	0.12024732	0.09161079	1.00E-04	1.00E-04	1.00E-04
2.82291056	2.93396348	2.74415122	2.75794669	3.30383593	2.7342671	2.42392032
2.88462486	2.7983276	3.42994693	3.57285696	2.25237218	2.67042404	3.12826026
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18784222	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30295426	0.34777471	0.58088535	0.60505614	1.00E-04	1.00E-04	0.36805794
1.00E-04	1.00E-04	0.04796095	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0354425	0.04022592	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1646713	0.12092936	0.19321927	1.00E-04	0.57028545	0.53466634
1.00E-04	0.07485971	0.15347973	0.18748357	1.00E-04	0.11240321	1.00E-04
1.00E-04	1.00E-04	0.10473288	0.31101088	1.00E-04	1.00E-04	0.31424664
1.4759561	1.78118207	1.4866039	1.39803331	1.53405737	1.67752916	1.51417956
1.00E-04	1.00E-04	0.13604994	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27089922	0.32138042	1.7392666	0.54202814	0.30780692	0.50906567	2.67977904
1.00E-04	1.00E-04	1.00E-04	0.0637212	1.00E-04	1.00E-04	0.3216658
1.00E-04	1.00E-04	0.04926091	0.09817888	1.00E-04	1.00E-04	1.00E-04
0.60390337	1.78046798	1.52750472	1.21717185	0.53515803	1.82049385	1.55982058

1.00E-04	1.00E-04	0.02663198	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04901853	0.11534813	1.00E-04	1.00E-04	1.00E-04
1.58892565	1.19501436	1.43981801	1.04524248	0.55827007	0.36908803	1.55252566
2.6067967	2.91919288	2.12203879	2.01296057	1.81713893	2.08127024	1.50665538
1.00E-04	0.48935145	0.41642465	0.843555	1.00E-04	1.00E-04	0.91130078
0.46869006	0.61149266	0.31363857	0.42994487	1.00E-04	0.48063228	0.43900396
1.07150668	0.60630579	0.54005119	0.40575323	0.4683059	0.28021525	0.19482141
2.53620764	2.96032864	3.17635009	3.30743981	2.4915478	2.76512449	3.4834714
0.93564272	0.94542927	0.84311929	1.24460758	0.24496797	0.41221101	2.15495852
1.00E-04	0.90998788	0.49797338	0.56430807	3.20498234	2.09150762	2.09834823
1.00E-04	0.35936865	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35063082	0.96072099	0.93118878	1.17383505	1.00E-04	1.46720359	1.03964313
2.04544446	2.3773597	2.89933375	3.19088358	1.65252793	2.09632991	3.02053713
2.69194959	2.85264258	3.0400757	2.96141056	2.39388834	2.86865949	2.69681731
1.00E-04	1.00E-04	0.03894167	0.10661023	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.9849249	2.54066155	1.36779364	1.48745601	3.13498824	3.61053521	3.12729865
0.58223856	1.06639214	0.51010277	0.59424895	0.43177254	1.49595816	1.16904543
3.08778588	3.55754759	4.25531964	4.46814982	2.37509404	2.7830981	4.03305277
2.37683659	2.36070253	1.99253198	2.13847415	2.91429692	2.99240651	2.38342349
3.20940853	3.71720752	3.5741506	3.64486961	4.24899689	4.74390797	4.54612041
1.00E-04	1.00E-04	0.04882278	0.13205302	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14291833	0.18725491	0.61235854	1.00E-04	0.45233272
1.00E-04	1.00E-04	1.00E-04	0.04996122	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20285861	0.50097092	0.62159001	1.00E-04	1.00E-04	0.54304213
1.01502492	0.94115635	0.40860517	0.36268857	0.82529003	0.88910125	0.69719921
1.00E-04	1.00E-04	1.00E-04	0.30750691	1.00E-04	1.00E-04	1.00E-04
0.34603826	0.39534348	0.96067679	1.08516862	1.00E-04	1.00E-04	0.54698609
1.46345824	1.73950694	1.80534671	1.86176413	1.57156047	1.84592755	2.08396565
1.00E-04	1.00E-04	0.04964276	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37658708	0.25952611	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13365872	0.13715559	1.00E-04	1.00871504	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17274177	1.00E-04	1.00E-04	1.00E-04
2.18614491	3.09113938	3.45493723	3.61624755	2.59626664	2.87694814	3.4032048
3.04667101	3.76012162	4.47746325	4.42986469	2.1584179	3.45855112	4.90582192
0.29026471	1.00E-04	0.26050977	0.36620551	0.69863195	0.41062688	1.00E-04
0.5295149	0.62270832	0.66514986	0.86555537	1.00E-04	0.47552809	0.55264257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53270171	0.51861741	0.22254709	0.4050018	1.47123783	1.00E-04	0.50440378
0.95413808	1.46984152	2.10783321	2.17082496	1.00E-04	1.10747098	2.15815618
1.00E-04	1.00E-04	1.00E-04	0.04637215	1.00E-04	1.00E-04	1.00E-04
0.5848479	0.34650367	0.44206438	0.57498412	0.95677349	0.12583522	1.26757799
1.89119754	2.27637336	3.22825776	3.28530174	1.9932042	1.44515115	3.15364116

1.00E-04	1.00E-04	0.02251706	0.02993483	1.00E-04	1.00E-04	1.00E-04
1.11533121	0.98205489	0.6638549	0.94890243	1.00E-04	1.01311142	1.31564915
0.26571256	0.63420222	0.69311747	0.94281512	0.50894684	0.10651827	0.50986773
1.00E-04	0.62578287	0.37783817	0.40136982	1.00E-04	0.30728869	1.00E-04
0.15660685	1.02486878	1.46205218	1.69091008	1.00E-04	0.28241755	1.12648777
0.43605828	0.78960252	0.44426939	0.36154741	1.00E-04	0.55360685	1.00E-04
3.92350859	4.02238483	3.83327913	3.97093584	3.65178173	4.06708806	3.41183519
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.20868706	1.00E-04	1.00E-04	2.49909711	3.05918967	2.5790021
2.65677573	3.12479262	3.18829944	3.2314348	1.84839198	1.67325317	2.03743379
1.21810831	0.78050024	1.14732725	1.34252828	3.25551584	3.91644344	4.54259405
2.22173396	2.58113757	3.8369379	3.81197274	0.82309464	1.9111383	3.22519231
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.4037426	3.75862154	4.58500363	5.01852355	3.39139356	3.87372045	4.37091736
2.39425186	2.7493429	2.34856468	2.53185183	4.57763159	4.53800612	4.3770675
1.00E-04	1.00E-04	0.06240473	0.08898465	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05008647	0.18772361	1.00E-04	1.00E-04	1.00E-04
4.92420589	5.19094631	4.76532965	4.72972438	4.91401694	5.24313031	4.92798835
3.6501867	3.52804497	3.57205433	3.60419226	3.07123662	3.24529934	3.09243877
1.00E-04	1.00E-04	1.00E-04	0.06517759	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43177254	1.00E-04	1.00E-04
1.656518	2.47707551	1.68013315	1.68044857	2.36978508	1.76060619	1.81525039
1.00E-04	0.44961991	0.44069848	0.56941967	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09512767	0.04212329	1.00E-04	1.00E-04	0.49641187
1.00E-04	0.12258309	0.18695691	0.0659155	1.00E-04	1.00E-04	1.00E-04
1.97107064	2.40512479	2.0942687	1.98330108	2.78935421	2.89274366	2.27818975
1.00E-04	1.00E-04	0.0872762	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3351028	0.49794218	0.15531016	0.07748494	1.00E-04	1.00E-04	0.93135499
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62719145	2.42503953	2.21073133	2.15792334	2.64605239	2.8078408	1.76318091
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70997801	0.42442279	0.97751166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.40782	2.75473914	2.37735223	2.11685682	2.91292529	2.78727582	2.2213386
4.27222923	4.64345833	4.98139472	5.23750006	4.01054603	4.37518492	4.88227868
1.00E-04	1.00E-04	0.05628029	0.1332675	1.00E-04	1.00E-04	1.00E-04
0.34812995	0.91677287	0.28285123	0.22304447	1.00E-04	0.81735491	1.00E-04
2.85914102	2.87004088	4.07620418	4.19487042	2.25266929	2.74777382	3.75186378
0.60038462	0.79641648	0.87450252	0.91810504	1.39579437	0.38624768	0.75073013
0.41668337	1.00E-04	0.17093276	1.00E-04	0.24496797	0.30338957	0.23721926
0.68054527	0.59403541	1.79686098	2.10774595	0.77322435	0.6954484	1.63389661

1.00E-04	1.00E-04	0.16708031	0.15472421	1.00E-04	1.00E-04	0.14701138
2.40740894	2.59047969	2.24482534	2.54770414	2.96767402	2.49456264	3.20113975
1.00E-04	1.00E-04	0.05919096	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05449044	1.00E-04	1.00E-04	0.59060341
1.00E-04	1.00E-04	0.15567699	0.28612495	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62718743	1.97044266	1.91037977	2.08648482	2.2022019	1.72009095	1.80928895
0.18570691	1.00E-04	0.06944681	1.00E-04	1.00E-04	1.00E-04	0.56206715
0.93696935	1.59979791	1.55703885	1.68054773	0.72445569	0.69061577	1.31333385
3.28478484	3.50857592	2.89451882	2.99538343	3.45794865	3.74457904	3.35414207
1.71696853	1.22613192	1.53727057	1.42295226	1.8509487	1.82987796	1.75955232
0.22248093	1.00E-04	1.00E-04	0.17000643	1.00E-04	1.00E-04	1.00E-04
0.55290892	0.09520901	0.17638401	0.38976233	1.00E-04	1.00E-04	1.00E-04
2.82958702	3.38311879	3.99820582	3.87375276	2.2319263	2.92674518	3.52358228
1.00E-04	1.00E-04	0.24616053	0.1905967	1.00E-04	1.00E-04	1.00E-04
1.14694093	1.30165412	1.71172633	1.78738036	0.50488113	0.88726881	1.55155433
1.00E-04	0.71956986	0.47571476	0.66993383	1.00E-04	0.88562346	0.75248984
1.00E-04	0.29331625	0.17096023	0.3509644	1.00E-04	1.00E-04	1.00E-04
2.47884912	2.38825561	2.28351111	2.48262687	0.87983469	2.57314718	1.70052344
1.77156833	2.18462754	1.78495544	2.02273838	1.95824593	2.5385699	2.02131817
2.68008397	3.23575639	3.48082661	3.54204388	3.0938346	3.48941967	3.7969225
3.5495199	3.93323829	3.65773807	3.88138057	4.00337068	3.98483787	3.84751025
1.3257513	1.48417246	1.07822213	1.65871587	0.89616133	1.6237228	0.5884744
1.00E-04	1.00E-04	0.1654707	0.08315788	0.87446197	0.30127966	0.40869447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04394444	1.09322281	1.00E-04	1.00E-04
1.74052449	1.79180912	1.64922223	1.80328916	2.05026326	2.00382983	2.06046931
2.43876218	2.1784868	1.94687163	1.9298207	1.04797199	1.22532724	0.96642641
0.45104664	1.00E-04	0.17343917	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44928596	0.30539154	0.31926619	1.00E-04	1.00E-04	0.27659073
2.40097132	2.10647558	2.99263722	3.03054754	2.28846004	2.21467237	2.76061426
0.24682006	1.15183807	0.55955839	0.66907332	1.00E-04	0.95775169	1.00E-04
4.307572	4.80596196	4.62199794	4.97115419	4.28315781	5.00008748	4.89718725
1.76995453	2.35827156	2.05677116	1.99179842	3.00515295	2.65412089	2.60340746
2.34476676	2.31731258	2.41206704	2.49612092	2.69593159	3.07711358	2.75236866
1.67220342	1.87589825	1.76679304	1.7923374	2.05457041	2.20905404	2.01176531
1.06791832	0.94821803	0.96261935	0.68356359	0.84840873	0.34352872	1.3143431
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.50268042	0.61965666	1.23462984
0.86460715	1.16118475	1.10988131	1.56742968	1.00E-04	0.34543859	0.31671355
1.00E-04	0.26410023	0.0643611	1.00E-04	1.00E-04	0.29050809	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.14094221	3.90737164	4.11885913	3.95142938	0.78094411	1.00E-04	0.53092229
0.1887281	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.20343437	0.11197077	1.00E-04	1.00E-04	0.3937581
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93869396	1.22367122	1.53086424	1.74880258	1.82295288	2.36514278	1.27464825
1.00E-04	1.00E-04	0.08945318	0.48590635	1.00E-04	0.28241755	0.30101193
3.70606964	4.25516161	5.24178901	5.29717144	3.13996925	3.67576125	4.85750728
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07869365	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12768012	1.10725048	1.41371165	1.16413716	1.26828165	1.52821297	1.32803004
1.00E-04	1.00E-04	0.14433733	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.03313957	2.54164513	1.00212826	4.43849811	5.30914603	5.52246392
0.20383151	0.13372208	0.16672273	1.00E-04	0.79336678	0.45109589	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04175876	1.00E-04	1.00E-04	1.00E-04	0.49021778
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.76358804	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.067852	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04216459	1.00E-04	1.00E-04	1.00E-04	0.29688924
1.00E-04	1.00E-04	1.00E-04	0.18019123	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.46543373	0.94265045	1.0645172	1.00E-04	1.37979798	0.83609341
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63037844	0.73462097	0.86095723	0.94224554	1.00E-04	0.12583522	0.30101193
1.00E-04	1.00E-04	0.04750357	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71492946	0.2007342	0.36428639	1.00E-04	0.68052295	0.31424664
1.28922965	0.57182996	0.43929363	0.84748694	1.00E-04	1.00E-04	0.74408123
0.24682006	0.41808029	0.20345455	0.21100749	1.00E-04	0.65858466	0.37635649
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0352937	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1022967	2.24182979	1.78310039	1.67275041	1.31578899	2.59751319	1.81740008
1.29869886	1.21341351	0.73513407	0.97560846	1.43557456	1.79802948	1.77036416
0.29138726	0.50443592	0.49537365	0.58355404	1.00E-04	0.27059543	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05876385	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41231386	1.62324953	2.082636	2.21167091	1.51473075	1.0310422	1.40078276
1.00E-04	0.22869286	0.11906503	0.14920695	1.00E-04	0.68302684	0.43681688
1.00E-04	1.00E-04	0.05828031	0.09007486	1.00E-04	1.00E-04	1.00E-04
0.88658778	1.68354519	1.48866785	1.35415463	0.52105756	0.68226996	1.2582378
1.00E-04	1.00E-04	1.00E-04	0.05422614	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08332716	0.0514038	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1714881	0.65122337	0.7926606	0.24496797	0.0838544	1.00E-04
0.23936956	0.28904681	0.12984051	0.08944045	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.11936694	0.09221558	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08314043	0.08269027	1.00E-04	1.00E-04	0.25203293
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65104068	1.00E-04	0.04598493	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82342887	0.75527122	0.37414882	0.5637286	0.96691987	0.49263789	1.18366704
2.9337214	3.1396426	3.51904963	3.53681173	2.64932644	2.90126167	3.36329077
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67095555	0.52610856	0.71776277	0.83984293	1.00E-04	0.43964933	1.14283618
1.00E-04	1.19955127	0.03158861	0.06711866	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19031304	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0297675	0.10145968	1.00E-04	1.00E-04	1.00E-04
1.96742634	1.79986117	1.15146893	1.53373235	1.55251537	1.97882295	2.54367649
1.57554487	2.39081885	1.73736837	1.92341611	2.08184123	1.60708036	1.1809805
2.69412915	3.51375949	4.08438656	4.24026957	2.78374262	2.7235545	3.93768276
1.00E-04	1.00E-04	0.04529575	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60830759	1.59555111	1.66320218	1.45948843	1.71386135	1.44539395	2.15296405
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11407072	0.05792884	0.06825092	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11107967	1.00E-04	1.94030802	1.11619269	0.99078926
0.26269535	1.2501158	0.78124572	0.71019479	0.6397631	0.9789016	0.49339287
3.22240385	2.61955949	2.5169344	2.85188009	4.2462022	4.24483206	4.18952939
0.60985965	0.18974755	0.3117117	0.21371072	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30289433	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05414211	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20331957	0.62968621	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30676823	0.28766445	1.56591958	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09848549	0.24818842	1.00E-04	1.00E-04	0.92767854
1.00E-04	0.33322487	0.09587123	0.32252194	1.00E-04	1.00E-04	0.13785291
1.00E-04	0.49520953	0.30709134	0.16423982	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25331258	0.16852796	0.54370492	1.00E-04	0.32597388
2.64987994	2.47609121	2.52099202	2.83745888	2.78289636	3.00964321	3.03521982
1.25670632	1.4607411	1.45255579	1.85641289	1.89731867	1.56521752	1.53345256
1.68289891	1.76897161	1.60179847	1.79671323	2.00920528	1.2973969	1.49130574
0.4195433	0.1957035	0.84030859	0.63258208	1.00E-04	0.64139002	1.36131347
1.00E-04	0.21582654	0.69922823	0.62646526	1.00E-04	0.20066371	0.68032971
2.52202637	2.64263999	2.61995574	2.74009521	1.89809347	2.19971316	2.48903333
0.7101694	0.86902919	0.73938566	0.70099112	0.93191398	0.9673948	0.66970488

1.00E-04	1.00E-04	1.00E-04	0.07868502	1.00E-04	1.00E-04	1.00E-04
1.3931845	1.60387018	0.84296406	0.96580495	0.99032754	1.88579147	0.98197937
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1989351
1.00E-04	1.00E-04	0.22992097	0.14717826	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32522637	0.13404217	0.20007804	1.00E-04	1.00E-04	1.00E-04
2.47851619	3.14721817	3.48082327	3.52683248	2.39951875	2.49199317	3.35463523
0.69367029	1.45708742	1.5720131	1.69282559	0.24496797	0.63276637	1.54990651
1.00E-04	1.00E-04	0.03593969	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09941351	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59743035	0.82283396	1.20966488	1.21838484	1.63719976	0.85276557	1.63722273
1.00E-04	1.00E-04	0.20949976	1.00E-04	1.00E-04	0.2210583	0.27381449
1.01292924	0.89506147	0.8892105	1.16864915	1.00E-04	0.70148154	0.48910114
0.9533261	1.12121833	0.53559805	0.13974377	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.3213367	3.42430784	3.01192443	3.01711415	4.14813777	4.10535231	3.65430315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34201571	1.5013012	1.23803427	1.23582361	0.979943	1.55797827	0.96698912
0.15737099	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55718274	1.20201905	0.18730519	0.59290413	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69886246	0.30089787	0.17039368	1.00E-04	0.68821198	0.19223054
1.00E-04	0.36513743	0.69585432	0.63909666	1.00E-04	1.00E-04	1.00E-04
1.23924124	1.02296542	0.66850549	0.58164577	1.00E-04	0.68955372	0.50742323
0.77916187	1.54467932	2.26373024	2.00943642	1.00E-04	2.25074743	2.38618703
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62697706	1.00E-04
1.00E-04	1.00E-04	0.03270223	0.07714267	1.00E-04	0.35022614	1.00E-04
1.00E-04	0.11973927	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.362853	3.60024371	3.20400739	3.26886639	2.9403969	3.07739759	3.41263835
4.81764138	5.14912342	4.80790742	4.63708237	4.59774828	4.85870841	4.82861309
2.42361062	2.57228118	2.28364782	2.35971837	3.5569882	3.64055648	3.64168315
1.00E-04	0.56506938	0.19428623	0.37198239	1.00E-04	0.5289995	1.00E-04
3.48261354	3.61233931	3.02723473	2.97584937	3.93574194	3.73343379	3.78271096
1.00E-04	1.00E-04	0.02593366	0.07598885	1.00E-04	1.00E-04	1.00E-04
0.55683304	0.40568606	0.47375108	0.76894845	1.00E-04	0.73420022	1.10058075
0.85795669	0.5764471	0.5577775	1.19574925	1.00E-04	1.00E-04	1.00E-04
0.59966596	0.16028506	0.35622288	0.43437748	1.00E-04	1.00E-04	0.36895161
0.74461926	0.49291944	0.81994934	0.84345685	1.22317971	1.49171483	1.00774748
0.79517133	0.59494419	0.75605206	0.95003702	1.9961972	1.03981039	0.30959015
0.28534263	1.00E-04	1.00E-04	0.15925032	1.00E-04	1.00E-04	1.00E-04
0.82379649	1.00E-04	0.38819074	0.41375351	1.00E-04	0.73515921	0.35317396
2.73977733	2.65251213	2.79623966	2.89502419	2.45708159	2.40800326	2.69238234
0.92255378	1.77426498	0.85144199	0.776689	1.19032324	1.60187262	1.17903298

0.47478654	0.9280709	1.24738908	1.52601028	1.79237052	1.60535524	1.11201338
3.3971418	3.23786621	3.72139441	3.93965013	4.28066814	4.33741826	4.6120221
3.1036319	2.84169505	2.26594357	2.65326065	4.54511307	4.83386466	4.14005965
0.61723395	0.74831403	1.07466539	1.49275298	1.00E-04	0.87634428	1.92190498
3.46226567	3.75908389	3.47131149	3.35308186	3.73857523	4.16629436	3.6019605
1.93322789	2.25178171	2.4303672	2.37973784	1.75572839	1.22295853	2.00688638
4.22043377	4.33197645	4.04631199	4.17906967	5.34035613	5.40826942	5.07370078
5.24310917	5.27543543	4.88902517	4.73872673	4.35831964	4.40972659	4.03308079
4.2479214	4.36681987	3.85855775	3.93866351	4.78019196	4.84876409	4.62086313
1.00E-04	0.11407072	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.79007137	1.43586044	1.60666488	1.74860859	0.59994704	2.30331538	2.6471833
0.21690073	0.06639836	0.20584215	1.00E-04	1.00E-04	0.2210583	1.00E-04
5.7310196	5.99811731	5.45161994	5.49602275	5.79141269	6.07004359	5.6015277
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23216566	0.23802993	0.16086967	1.00E-04	1.00E-04	1.00E-04
0.38265891	1.09225004	0.89816474	1.20020901	0.54370492	1.00E-04	0.96604034
6.41461359	6.62199738	6.1467554	6.02402378	6.31386127	6.51760105	6.04369437
4.99429578	5.10302015	4.76724229	4.56132947	5.50329995	5.67639606	5.27020247
1.00E-04	0.0723876	1.00E-04	0.20838617	1.00E-04	1.00E-04	1.00E-04
5.1754602	5.27235497	4.93596169	4.89400078	5.52425918	5.65586667	5.21768534
3.10621863	3.17510838	3.21879232	3.32122267	2.90879157	3.15752026	3.15140018
1.00E-04	0.42559169	0.66147306	0.77951651	0.63629195	0.41446661	1.70189021
0.86417018	1.19973149	0.94026251	1.08611384	1.3800697	1.00E-04	0.90056676
2.8646421	2.34750857	2.2490908	2.03226802	3.99918147	1.54090278	1.60785211
0.67568163	1.50699701	1.30396136	1.1658479	0.93145379	0.75604775	0.6117528
0.95763243	0.84592995	0.1676145	0.26990905	1.00E-04	0.48761421	0.90256635
0.54918408	0.56124202	0.25209128	0.13672758	1.00E-04	0.29050809	1.00E-04
1.00E-04	1.00E-04	0.05200385	1.00E-04	1.00E-04	0.89365725	0.94070628
1.00E-04	1.17532619	0.30545268	0.75133023	1.00E-04	1.5841178	0.41937319
2.72726134	3.38986726	3.45888114	3.51181273	2.31488231	3.2416187	3.55758361
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3.77856442	3.85250118	3.3766607	3.52372972	3.3998862	3.64702878	3.53007209
1.00E-04	0.86612019	0.42102539	0.133395	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09779147	0.08909816	1.00E-04	1.00E-04	1.00E-04
0.55582262	1.00E-04	0.14407438	0.05313343	1.00E-04	1.00E-04	1.00E-04
2.53236073	3.1476257	2.22210991	2.55346891	4.25728107	4.06809188	4.41294427
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3.38396689	3.19385863	3.63643269	3.49608072	3.08697746	3.53540811	4.84646474
3.03401646	3.24885332	3.62277184	3.69688468	2.23292191	2.88837969	3.19613178
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3.6210782	3.95347949	3.54017701	3.33508927	0.91860094	1.12723608	1.41785478
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1.00E-04	1.00E-04	0.04048299	1.00E-04	1.00E-04	0.21702837	1.00E-04
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1.00E-04	0.04336477	0.04102008	1.00E-04	1.00E-04	0.68157352	0.19448026
1.00E-04	0.18777239	0.16061267	0.1430311	1.00E-04	0.47130674	1.00E-04
0.79993172	0.69401328	0.52155387	0.66968253	4.29344994	2.8922242	2.96620438
0.82079285	0.55521005	0.24858771	0.45733493	1.00E-04	0.4417833	0.65840401
2.68576029	2.72794897	2.22298219	2.36488719	3.57262	2.38986166	2.0799668
3.34167501	3.60580133	4.20610457	4.26058734	2.942661	2.98283082	4.09768557
4.81496945	4.94903701	4.61453816	4.56844959	4.58276584	4.91354082	4.79668558
1.7602643	2.01271308	2.06759928	2.1051338	1.73611516	2.41784138	2.58911926
3.602392	3.63443889	3.31386882	3.33071636	3.66116161	3.81674885	3.11969205
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.48506452	1.56178914	1.87791534	2.03928437	0.72626862	0.98367976	2.028338
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02796936	0.09381011	1.00E-04	0.27052208	1.00E-04
0.62662985	0.6606842	0.60968933	0.878523	2.9479709	3.21959208	3.35822376
0.56177241	0.61394157	0.84003378	1.03762322	1.01171378	1.47346484	2.07976911
1.00E-04	0.05947039	0.06263728	0.23148929	1.16667382	0.60556515	0.49077974
2.27014119	2.24393589	1.74049852	1.72520321	1.70967391	2.29383663	1.49019171
1.00E-04	0.80601035	0.24230168	0.37136577	1.00E-04	0.34352872	0.61239028
0.97423536	0.50578941	0.50770643	0.8629616	0.6891078	1.42255268	1.83038184
0.96607465	0.9222805	1.66978269	1.52616649	1.42178503	1.73192452	2.5899977
1.00E-04	0.15433955	0.35992556	0.16270016	1.04037552	0.5214645	2.84246214
1.13369756	2.25683759	1.57584183	1.47222964	2.97613214	2.56124836	2.29638354
2.73227584	2.6799717	2.8068048	2.78872952	3.63232896	3.45409602	3.22449483
0.79279464	1.302608	1.00606273	1.15288835	1.64530141	2.28420252	1.40039821
1.00E-04	0.37455004	0.0482968	0.34370053	1.00E-04	1.00E-04	0.11491268
1.00E-04	1.00E-04	1.00E-04	0.0483536	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09815786	1.00E-04	1.00E-04	0.67331016	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10265287	1.00E-04	1.00E-04	1.00E-04
1.28795539	1.23074032	1.27985676	1.46223212	1.64222774	1.12617317	0.5115274
0.91569535	0.60311725	0.70513716	0.88111958	1.00E-04	0.61996741	0.56758276
4.11854935	4.15656602	3.86201082	3.80288947	3.64014356	3.15214199	2.98208212
1.00E-04	0.57162972	0.53151066	0.20599925	0.48060496	0.52056981	0.23378191
2.3376667	2.41553813	2.19360243	2.01803676	2.58355329	3.01651305	1.54519695
1.00E-04	0.20429522	0.14613344	0.05782762	1.00E-04	0.54086741	1.00E-04
1.00E-04	1.00E-04	0.04924287	0.10728594	1.00E-04	0.62009979	0.53213879
0.59003471	1.00E-04	0.40469417	0.52699245	0.54370492	0.13071865	0.92375665
3.31323781	3.90203665	3.39163833	3.29510634	3.47531554	3.56681873	3.23902811
3.02085115	3.34464352	3.11965823	3.14977954	3.49099805	3.11888575	3.19681149
2.51635174	2.68215832	2.37796777	2.49232534	1.92077314	2.3085002	2.1203953
0.55108284	0.94436261	0.79719459	1.12552715	1.18211476	0.78247608	0.18401526

2.13082044	2.01960126	2.29162983	2.46440231	1.58616286	1.61640847	2.02819704
0.34968016	1.32840226	1.096556	0.73843296	1.00E-04	1.25546738	1.02263038
2.40548395	2.67650036	2.78269548	2.77453208	2.18659385	3.06946316	3.15119221
1.13991681	1.942972	1.50184169	1.26997589	1.23996195	2.92257883	2.90842813
0.82570873	0.96588745	0.69245095	0.28294566	1.00E-04	0.22558794	0.74335119
0.81144128	1.51766611	0.92690552	0.73476978	1.57772103	0.94713303	2.29726352
1.00E-04	1.00E-04	0.03099893	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05854233	0.05939031	0.15698641	1.00E-04	0.55360685	1.00E-04
0.97002044	1.30083314	1.3621987	1.53807534	1.54672087	2.53111262	1.7848251
2.35203545	2.27004447	2.35971451	2.42646232	1.43390838	1.76940848	2.09894892
3.24381614	3.33553303	3.25463507	3.30883288	3.42794582	3.15172125	3.25126386
2.78948739	3.30974459	3.05394247	3.02153133	3.39638413	2.69091401	2.9578956
1.72385719	2.74615745	1.99897171	1.905927	1.95125025	1.12112534	1.65805492
0.67994057	0.70859253	1.49199512	1.54063367	1.94243353	1.67298195	1.5535773
1.83807205	0.8718757	1.26476833	1.29323705	1.84361295	0.87272218	1.00980315
1.00E-04	0.56640105	0.12811666	0.33024263	0.39382455	1.17587888	0.99506398
1.21689345	1.07408773	0.98769198	0.84730492	2.48989159	2.18729448	1.01187133
3.14695157	2.45163328	1.3229749	1.4894418	1.74067431	2.68960135	1.4976381
1.53835105	1.35347896	1.11023765	1.01657927	1.33490359	1.40430588	1.83833499
1.00E-04	0.51657969	0.57828262	0.46065186	1.00E-04	0.78975713	0.26354179
1.00E-04	1.00E-04	0.08807421	0.33723581	1.00E-04	0.87225394	0.12174474
0.43670524	0.26001034	0.41199935	0.35405607	1.00E-04	1.00E-04	0.30631903
1.00E-04	1.00E-04	0.04216459	0.07922958	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1007178	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4738728	1.58952619	1.45139317	1.64122552	1.50445914	1.29103452	1.86476699
0.46194787	0.61197121	1.18195122	0.84702382	0.58708779	1.00E-04	1.00E-04
2.76796539	2.80327614	2.82313259	2.68358428	1.74894709	2.07675019	2.01225412
3.14534395	2.90980355	2.58151935	2.55745673	2.64430878	3.41075885	2.80964459
6.13770143	6.2760548	5.84014417	5.76564816	4.30959724	4.79670325	4.39102293
4.44975609	4.27175341	4.0025374	4.15558981	4.81335692	4.50257799	4.47251812
1.00E-04	1.00E-04	1.00E-04	0.10133252	1.00E-04	1.00E-04	1.00E-04
0.45669	0.46472687	0.25186511	0.26308757	1.00E-04	1.00E-04	0.33825035
1.8572461	1.56734895	2.03526623	2.08762954	2.25562068	2.916436	3.16711249
1.33068409	0.99541011	0.73544129	0.443099	1.31942972	0.93280704	0.87969721
6.11471305	6.20322191	5.96396498	6.06010337	5.80177789	6.13759772	5.96162962
4.8691422	5.06423181	4.68634931	4.6413385	4.83889789	5.41774747	5.0628128
1.01399979	2.66336085	1.44209248	1.56115527	0.70997801	2.17330291	1.11744529
1.61353735	1.86988253	2.07934301	2.03800172	2.57833223	3.18347921	2.92732735
1.00E-04	0.50416015	0.14149752	0.08693564	0.92286885	0.70958742	0.32432879
1.87076079	1.76594344	1.55992069	1.79561428	5.35126782	5.46670518	5.1135928
1.2382799	2.12246117	1.42194429	1.2990356	5.81789859	5.86546812	5.47621086
1.00E-04	0.38038427	0.05212478	0.16198802	0.65823999	1.17532079	1.09288212
0.23118277	0.3831749	0.73024802	0.40161993	3.25514062	2.21778935	2.46845583

0.97458597	1.77932719	2.23721998	2.37741206	0.43090184	1.70990792	1.4496897
1.00E-04	1.00E-04	1.00E-04	0.05156501	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12935299	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.2208458	1.00E-04	0.34008224	1.00E-04
1.00E-04	0.65828884	0.12338276	0.63050283	1.51928484	1.54152091	1.30132798
1.57196225	1.18241615	1.00655334	0.86519841	0.82029802	1.08479613	1.29706799
3.57828665	3.90953163	3.43189111	3.46592521	3.63651156	3.51143932	3.35991865
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42381331
1.2501881	1.12379481	1.42555064	1.75743511	1.58569102	1.52806474	1.49927388
1.45147747	1.67583261	2.41153777	2.4554509	0.53493338	1.83621596	1.80396472
0.79747458	1.03040682	0.6993519	0.38268677	0.6397631	1.02060102	1.00E-04
3.57837756	3.68084161	3.32416219	3.3518672	3.18231772	3.52993291	3.39339401
2.8836815	3.29249403	3.86851302	3.82177013	3.02481446	3.16044376	3.59599519
2.71999793	3.23247804	4.24728942	4.39062808	2.28278441	3.18272503	4.3943054
1.90180953	1.74136583	1.73916089	1.75471684	1.00E-04	1.29019945	1.48221981
3.59848304	3.88722017	3.45482518	3.50949261	3.73294934	3.72921598	3.72239119
5.10496453	5.26033122	5.16988426	5.09720785	4.81568884	5.17865068	4.94019087
2.36106856	2.57259666	2.66893926	2.69338395	2.95165625	3.03612124	2.6598915
2.52289432	3.30295816	3.98632185	4.06018402	2.08141524	3.14165213	3.9984228
2.77346437	3.61865241	4.22386658	4.34304543	2.5409277	3.00080924	3.8817749
3.73266077	4.04210288	4.91562483	5.06393495	2.75350037	3.24102358	4.21292648
2.9199316	3.0251325	3.68944418	3.77579185	2.6462153	2.93993695	4.11065872
3.17921997	3.72083801	4.55055254	4.73975032	3.04213216	3.44674326	4.34475644
3.40346476	3.93757068	4.831492	4.90405646	2.87432686	3.23113136	4.35225008
2.88115224	3.28148062	4.04764758	4.15785259	3.09521811	3.27274943	4.20234006
1.42149472	1.39931646	0.96315145	0.80747337	0.5428338	0.75739141	2.30716564
0.56405445	0.19665619	0.50002111	0.26809738	0.48060496	0.44945293	0.09464396
4.1896684	4.14028189	4.71451249	4.69144808	4.9470773	4.64369608	5.13833679
1.03103049	0.97380751	1.19027757	1.26606355	1.5882161	1.05326215	0.40512113
2.67089282	2.81196609	2.44001658	2.75394515	3.26771713	2.68794119	2.66062163
3.1457704	3.64007656	4.78290778	4.5522646	3.19604799	3.70395547	5.04020915
1.5357378	1.65708268	2.26070883	2.87546195	1.61593451	2.03201688	3.02207785
4.04548121	4.28769203	4.38607716	4.44343788	3.63864159	4.3532058	5.3331604
5.3082274	5.89095902	6.54237719	6.56819441	4.7729418	5.2522842	6.29452917
2.24431852	1.29383462	2.53041872	2.02660445	0.57834233	1.54754343	2.729783
1.00E-04	0.29834089	1.00E-04	0.09886999	1.00E-04	0.25950361	1.00E-04
2.13502239	2.74514577	2.09324626	1.96556247	2.26155025	0.70962786	2.04893304
0.76964114	0.63036463	0.54900228	0.58347823	1.28156573	0.90810848	1.37556657
2.00132836	2.28649336	2.26492168	2.59040365	1.31392345	1.98653428	1.64086885
3.17027874	2.72283655	2.71345301	2.96695106	3.76367599	3.5212643	3.40091595
0.94103709	0.75204725	1.26292282	1.0243516	1.47951528	1.91145371	2.08571107
0.87912026	0.39730196	1.13271737	1.67343564	1.00E-04	1.24449478	1.23612977

1.00E-04	0.15335644	0.05013315	0.14330922	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.04534268	0.39716318	0.13264446	1.00E-04	1.00E-04	0.22681224
4.22878682	4.520972	4.16907616	4.1827597	4.28247492	4.46236799	4.0746469
2.79436066	2.83463462	2.99880458	3.16158127	3.17383998	2.90229797	2.77839518
3.22988574	3.65354913	3.71599568	3.77204676	4.02800172	3.94185054	4.12548188
4.20479988	4.16752764	3.93479592	3.90717716	4.72521163	4.57864797	4.1758593
4.82366264	4.8175994	4.69821497	4.76093428	5.28989459	5.01673031	5.02989139
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06955458	0.39226152	1.00E-04	0.27052208	1.00E-04
0.4240961	1.35596202	0.91876548	0.96923585	1.00E-04	1.39971803	1.44204785
2.10678542	2.52090344	2.19838313	2.08430545	3.31851229	3.69357494	3.86230529
1.00E-04	0.32160539	0.70705328	0.497677	1.00E-04	1.00E-04	0.48064428
0.40284669	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21564208	0.07496417	0.1491706	2.18849755	0.54759254	0.84192353
0.58330287	1.11145728	1.4906184	0.96638786	1.00E-04	1.5650191	1.16128834
1.00E-04	1.00E-04	0.04729475	1.00E-04	1.00E-04	1.29216203	3.03098375
0.57850718	1.65636189	2.04418907	2.18790864	1.16618858	0.92913313	1.70292316
3.73880123	4.618373	5.19027707	5.18647229	2.96704126	4.00464337	4.73573166
0.47905326	1.19989575	0.71883684	0.78462201	1.84440445	2.06251663	1.11791428
0.6300669	0.05700051	0.30477778	0.22557336	1.00E-04	0.20839209	0.54580309
0.59504635	1.00E-04	0.15403672	0.06871963	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14891575	0.0423659	1.00E-04	0.64955161	1.00E-04
3.58368978	3.56283066	3.32008918	3.60186782	4.94603215	5.18389195	4.98357725
2.25570681	1.78971234	2.5633007	2.44650122	2.77661962	3.37036586	4.1811709
3.88242741	3.7787203	3.79540743	3.88808678	3.29652468	3.48127606	3.39893749
2.12171956	2.20402993	2.87998489	3.01521689	2.99839857	3.27693784	3.32883552
3.32782886	3.73885588	4.10213383	4.06516469	2.41498011	2.67953709	3.6200439
1.00E-04	1.00E-04	0.09559289	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91877344	1.88575755	2.28892536	2.7989465	2.96262131	3.29498328	4.00974127
3.76645466	4.2347883	3.73524873	3.51200283	7.24127301	7.53089814	6.96589872
0.46729853	0.53450441	0.95320073	1.11966027	0.69312554	0.94057316	0.67607402
1.00E-04	1.00E-04	1.00E-04	0.1599744	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13590127	0.23786704	1.00E-04	0.40752836	1.00E-04
0.30064046	1.00E-04	0.26884933	0.23726261	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04253798	0.14270018	1.00E-04	1.00E-04	1.00E-04
0.35705365	0.54125041	0.25710939	0.27136537	0.54293045	1.00E-04	1.00E-04
1.00E-04	0.25624121	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.89986266
3.67183991	3.85545106	3.81771543	3.85291274	3.66538363	3.86447613	3.85978947
2.46938415	2.89261408	3.167094	3.25722507	2.38209805	2.91989948	3.05158807
3.37131738	3.57368325	3.29681299	3.39513472	3.95399423	4.11252357	3.77308906

2.03866282	2.41841384	2.74558622	2.86802929	2.21387108	2.1490338	3.11074774
1.25425202	1.40953369	1.74071351	1.90213752	2.02751455	1.73066972	1.78709722
3.58668346	3.76387281	3.62342231	3.6563591	4.16894435	4.03196639	3.59436255
2.80192132	2.93935836	2.81960903	2.70054941	2.66419692	3.1038266	2.71794764
1.22839683	1.75652854	1.66025377	1.86038966	1.05844643	2.34439178	1.74315091
0.50989701	0.93282029	1.10498885	1.33997739	1.00E-04	0.93690448	1.21214214
2.2093768	2.7232399	3.30966225	3.31015884	2.06496709	2.95134755	2.90131751
2.49752638	3.01132798	2.95794469	3.14705099	2.28055496	1.86236381	2.21047581
1.69259659	1.2885951	1.03364107	1.1064224	1.62027074	1.18381494	0.89327579
5.23418632	5.41844142	5.20282439	5.10289417	4.8521988	5.06815926	4.80426696
1.00E-04	1.00E-04	0.13666816	0.2945686	1.00E-04	1.00E-04	1.00E-04
3.57348638	3.62111526	4.14893125	3.67939886	3.616324	3.81460666	5.09907623
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21749776	0.94854303	0.96843769	0.96971437	1.00E-04	1.00E-04	1.00E-04
3.18711435	3.13094396	3.70453265	3.80316103	3.2067221	3.08005101	3.28819802
0.89872268	1.32547749	1.16840429	1.15565977	1.96272604	2.28237707	2.15427355
2.87578589	3.24636935	2.64704873	2.88120054	2.69218832	2.6898309	2.46135947
1.00E-04	0.23378005	0.19392222	0.1942286	1.00E-04	1.00E-04	1.00E-04
0.83080898	1.00524103	0.94355379	0.85344616	1.21765613	1.3696361	0.84597294
1.54635211	1.59314377	1.14866469	1.43614962	1.99786904	0.78444593	1.40871988
1.00699011	0.42525568	0.38802012	0.88419566	0.40975599	1.67904492	1.00E-04
4.07725523	4.10600009	4.34177952	4.27820021	4.2115752	4.19654852	4.61754671
0.22513239	0.28600695	0.45265383	0.43318978	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27012088	0.06934385	0.03677057	1.00E-04	1.00E-04	1.00E-04
0.76903299	1.00E-04	0.34565681	0.27764124	1.00E-04	1.00E-04	0.79012043
1.00E-04	1.00E-04	0.20616505	0.32451004	1.00E-04	1.00E-04	1.00E-04
0.25587849	0.72431187	0.5316612	0.45923506	2.46162766	1.46658281	0.56446464
5.91830886	5.79091023	5.46102298	5.32866154	6.10650652	6.32128979	5.79710657
4.21924503	4.39718811	4.13521845	4.15891209	3.84643927	4.22849251	4.2741408
2.16789944	2.59351351	2.75946613	2.94204434	1.57225503	2.44517028	0.85216176
2.93880943	2.62407685	2.84298713	2.6557149	2.51937634	3.54871227	3.1410212
4.19444887	4.03694727	3.66889888	3.53688961	4.81547742	4.69005669	3.87797333
0.28534263	0.75648038	1.06218485	0.86709038	1.04507066	1.00899109	1.41580085
1.91657543	1.87550599	2.23669321	2.58805818	1.74368595	2.37953987	1.37580713
2.16430917	2.25476904	2.62020816	2.77028295	2.15556425	2.58958412	2.90670366
1.00E-04	1.00E-04	0.10172162	0.06120913	1.00E-04	1.00E-04	0.13285762
4.48897922	4.6268255	4.33464651	4.24772645	4.04665062	4.17756277	3.71021375
3.48400611	3.67303726	3.60230945	3.61040043	3.23096565	3.47612164	2.93903598
1.00E-04	1.00E-04	0.11632659	0.05289211	1.00E-04	1.00E-04	1.00E-04
4.45077875	4.17856819	3.98871417	4.69104173	1.38651463	1.86912483	1.50914778
3.1153355	3.68470203	4.32289974	4.37909227	2.96196748	3.18717296	3.95566582
0.98479457	1.039987	0.20641459	0.27156092	1.10345699	1.00E-04	0.13285762

0.89657644	2.32826114	2.51447284	2.25638095	1.77378585	2.31314331	3.56132702
2.09120164	2.35605201	2.02302595	2.24365058	3.20754469	2.88543544	2.65226818
2.82122396	3.21010199	3.16086087	3.44052384	3.61315168	3.15296654	3.81365285
1.60556842	1.39698656	1.22270371	1.29649101	2.2117434	2.13159005	1.84667477
1.00E-04	0.69926235	1.097245	0.50801423	1.00E-04	1.75376939	1.42006313
1.00E-04	1.00E-04	0.09479952	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.7428555	4.16091793	3.82023548	3.87019369	3.23996172	3.43382063	3.08066253
2.35122825	2.34414838	3.11282145	3.26833577	1.78303577	1.84538909	2.53248398
1.17658843	1.05082859	1.27570572	1.27618713	1.05070843	0.95576801	0.3392339
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47532916	1.34675154	1.73901461	1.9524499	0.87331901	0.91078761	1.45463215
1.77061189	1.79263168	2.51456825	2.72465787	1.66425867	1.57177421	2.3433339
0.6798316	1.38891079	1.13228109	0.80409171	1.792854	1.82412969	1.8673485
1.39690814	1.02235875	0.67716743	0.85441602	2.22422704	0.90382351	0.29407032
3.36672416	3.40673111	2.90794177	3.23734418	3.85433623	3.10662233	2.74872173
1.00E-04	0.06522668	0.44682099	0.25288835	1.00E-04	0.47503023	1.16904543
3.68645134	3.87768	4.45701414	4.5646247	3.20577738	3.49156531	4.20318648
2.2609044	2.70270939	3.47489112	3.43965202	1.62264604	1.79911084	2.74038223
3.79468477	3.97943399	3.97027865	3.89762167	3.80276543	3.82030114	3.78733026
2.09888152	2.71044528	2.59043035	2.58544752	2.7594326	3.14337716	2.92104385
0.49770235	0.78698093	0.69716353	0.60311158	1.05772513	0.51562371	0.94578812
1.00E-04	1.23841349	1.30127733	1.09738355	1.00E-04	1.59729072	1.49324721
2.28732622	2.69432005	2.64916952	2.84298169	2.35656799	2.48065064	2.45007863
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.63123633	0.67363635	0.33333778	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.90280726	0.18659282	1.00E-04	1.00E-04	1.10891794	1.00E-04
0.84467354	0.12965073	0.22896482	0.43407399	1.00E-04	1.00E-04	0.44379634
2.76023524	3.08762917	3.43261013	3.54855817	2.65538405	2.88635614	3.2144523
4.7567329	4.77994243	4.35470438	4.20896719	5.07391234	5.35626835	4.74916288
2.86394278	2.56346283	2.20062883	2.42230441	0.99590995	0.94424601	1.8274427
0.57830889	0.87621112	0.53333869	0.56451587	0.38530742	0.29005904	0.76392644
3.6594909	3.95537365	3.47066399	3.48915047	3.53537136	3.96463818	3.3046091
5.90099638	5.96717849	5.59482399	5.52793952	6.24285854	5.9468826	5.85526685
3.576334	3.12960039	2.95921354	2.70890027	5.09872505	4.49552806	4.24252018
3.14888162	2.46191898	2.0284236	2.66522942	1.62758725	0.31666865	1.32347084
1.00E-04	1.00E-04	0.23424382	0.18973766	1.00E-04	1.00E-04	1.00E-04
5.70358123	5.99959775	6.58509142	6.86755106	5.03368537	5.49004107	5.8738656
4.8846458	5.25747304	5.53885407	5.85137161	4.32532309	4.91281951	5.33042089
5.05146669	6.03767603	6.44035262	6.20698767	4.27962527	5.43728132	6.03615815
2.21408801	2.44390528	3.1732207	2.84219271	4.05427839	4.71928489	5.37129798
1.12274688	1.88181152	2.36880478	2.41609598	4.8871701	5.31885434	5.54779954
0.25333901	0.52405448	0.87314217	0.57609291	3.06167611	2.90220733	3.17558555
1.89521655	1.7477291	2.25127651	2.8251687	3.67974757	3.76481341	4.49118103

1.87494711	1.48436654	3.37470135	3.48601559	4.25846369	4.4973729	5.0917162
2.20129097	2.82140109	3.66245283	3.59776879	4.67779852	4.98436688	5.87999783
2.71505298	2.70173245	3.58926176	3.32541578	5.47920205	5.5816699	6.08662819
2.83208566	3.44913744	4.33121728	4.05240548	5.73973806	5.81855297	6.64959825
4.72198397	4.93047391	5.8950945	5.60571572	6.60605485	6.97630682	8.08883914
4.10169386	4.48145664	5.27380057	5.0095072	6.16013669	6.47099498	7.27892164
2.8209436	3.27884419	4.14288803	3.87470171	5.3609794	5.46493379	6.16168541
4.22006023	4.46043584	4.85828378	4.92745593	4.13668878	4.05028541	4.44819096
0.98265058	1.42925184	1.69967793	1.94255749	0.89273894	1.26314531	1.85397972
5.70638746	5.93186425	5.42983159	5.29790814	5.07756296	5.50094709	4.85536983
5.27679464	5.43306486	5.10083211	4.86662059	5.36065506	5.9129679	5.37432079
3.347076	3.38963842	3.33324043	3.31707079	2.98289587	3.14105293	2.66758242
3.79265182	3.48030974	3.35601693	3.47681385	3.1052116	3.64103297	3.51577073
5.39293675	5.33942606	4.96363889	4.87652174	5.96570326	5.88191711	5.57157673
2.07026106	2.24476988	1.95134715	1.96508612	2.20659862	2.40468465	1.39361306
2.4133061	2.87828007	3.34074586	3.18109346	4.28840246	4.82777466	4.9084306
2.96404515	3.28464717	3.12667803	3.27367538	2.88989505	2.70004906	3.09854915
2.88516844	3.20934375	2.69506343	2.85701427	2.77505001	2.56936186	2.50465321
3.93447177	4.03570602	3.64157378	3.60998396	4.7113427	4.96433923	4.84587418
2.1193076	1.93249691	2.40310572	2.28453884	2.14895297	2.26233785	2.60415154
2.63802228	2.75619642	2.98585025	2.98387727	2.71771837	3.0468049	3.05287359
0.78727596	1.0395497	1.05835678	1.50756142	0.74849138	1.15336659	1.16472725
3.22690701	3.79009332	4.4436881	4.54714354	2.80081838	3.00900922	4.0177584
1.40954457	1.44192818	1.35950207	1.55928142	1.00E-04	1.00E-04	1.91474991
0.31056119	1.00E-04	0.21873024	0.28108	1.00E-04	1.05824406	1.00E-04
0.9301043	1.542743	0.97446491	0.7944222	0.49348739	0.72257309	1.42581969
0.53836304	0.11033993	0.19810281	0.09023675	1.00E-04	0.0838544	0.74131658
0.74518868	1.18192648	0.93544839	1.21761157	1.56129881	0.25871909	0.82292908
1.57687999	1.29445411	1.64340719	1.66902663	0.82274603	1.71968282	1.69327849
0.25106737	0.83151332	0.62314437	0.85486667	2.36214727	2.19627936	1.6457136
0.65655157	0.49481574	0.9307966	0.70129934	1.00E-04	0.61319376	0.07440699
1.1547618	1.71802366	1.66689609	1.17880044	1.85439327	1.62402023	2.74659981
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1.00E-04	1.00E-04	0.04794385	0.05550769	1.00E-04	1.00E-04	1.00E-04
2.16502466	2.42371617	2.40378311	2.45801201	1.95090697	3.08396416	2.56052247
1.56496224	1.21528631	1.13959995	1.40733208	1.42718825	1.63487269	1.79002691
4.35431816	4.8466547	4.42573091	4.26204269	4.44845455	4.95948148	4.22699595
4.65966229	5.04117842	5.60157524	5.7057832	4.42076402	4.36666084	5.29212207
3.44655251	3.19744619	2.80425934	2.44452909	3.13871954	3.15621167	2.42727647
5.01463277	5.14419623	4.75241072	4.79933796	4.49882892	4.92851558	4.50201775
4.58295935	4.93034175	4.46702574	4.35074021	4.95801178	5.23941783	4.88077922
4.8530558	4.74035915	4.59399288	4.44134225	4.57469551	4.51746201	4.11160458
3.07407402	3.02580045	2.84728465	2.86667691	2.74757828	3.29197995	3.0535503

5.14804192	5.28663014	4.90346093	4.93021756	6.07054015	6.07981862	5.77508414
2.57002494	2.69049169	2.33705908	2.31073697	2.90654131	2.85828709	2.28376543
2.94837177	2.86511022	2.890067	2.93161217	2.97007962	3.25422699	3.13336916
2.33670791	1.94603023	2.04341324	1.9854874	1.99722973	1.75682501	1.56980131
2.91198922	2.9946694	3.01512702	3.01070942	2.37050768	3.4040101	3.73106465
4.42183431	4.40642665	4.09440651	4.14314401	4.70723127	4.54899244	4.1429989
0.78732584	0.9302445	0.67026683	0.59684521	1.00E-04	0.61786682	0.67026632
1.80885841	2.08473261	2.14180174	2.30613519	1.2401209	1.78161104	1.57838258
5.20946256	5.34622566	5.0081449	4.95163954	5.86744798	5.94805917	5.64696612
2.1131422	2.28926698	2.04871404	2.05007017	3.83209172	4.1638435	3.77202406
2.49017236	3.47374198	2.49349188	2.6165359	1.97778369	2.16634294	2.17549489
4.32721778	4.32916566	4.16933638	4.20025431	4.29281923	4.1027282	3.57960704
4.36994888	4.50477616	4.22705845	4.08272159	4.4630316	4.59379718	4.17386521
5.79597948	5.86901024	5.41048265	5.43088336	5.73136085	6.13285943	5.55495544
1.12141732	1.84592439	1.31744865	1.57142118	0.59189493	1.19091932	0.60517307
3.31440817	3.69386922	3.51534748	3.46865979	3.7208349	3.38182762	3.6505043
1.00E-04	1.00E-04	0.15713582	0.0376928	1.00E-04	1.00E-04	0.72195166
3.29954868	3.85201502	3.48012853	2.97161548	3.89309854	4.44117107	4.59547882
2.22016494	2.48739175	1.67850748	1.75227791	2.60071312	3.4345746	2.73099308
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4.02819544	3.94986188	3.88384662	4.0544272	4.28451007	4.35140988	4.16037094
1.86594693	2.56494074	2.23913409	2.35484952	1.94866463	2.99664579	2.33716936
2.26333274	2.5068591	1.79052847	1.88219768	1.91453595	1.97723643	2.29539728
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4.53711488	4.73713596	4.42335192	4.34577283	4.06507902	4.43497582	4.02044276
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1.12134146	0.50844572	0.52185152	0.61838982	0.49833685	1.12386975	0.53466634
1.93270836	2.29946605	1.48643462	1.73827987	1.26252424	1.63512965	1.22882919
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1.31710509	2.10291044	1.53933347	1.45764045	1.9144592	1.52430034	0.78997638
3.00991025	2.86480766	3.18234984	3.27369432	3.15605397	2.47507102	3.5628136
2.9177769	2.83133303	3.00729486	2.8697728	2.33582362	2.83136044	3.21999409
5.67873813	5.79419293	5.49676806	5.43511322	5.34626436	5.62506281	5.21777819
0.24123137	0.04733209	0.2568351	0.28673897	1.00E-04	1.17269592	1.00384011
0.69426651	0.81248016	0.96361722	0.61799957	1.00E-04	0.699063	1.25619848
0.14193279	0.2128678	0.39504775	0.3065013	1.33664213	1.37735415	1.86524448
0.6749591	0.97777449	0.91675874	0.91847213	1.08038404	1.2234796	1.81136242
4.88813622	4.8376559	4.55565784	4.347848	4.90430731	5.0352605	4.7271461
1.00E-04	0.44184459	0.3079453	0.44638971	1.00E-04	1.01029718	1.00E-04
3.95345294	4.03225039	4.2054794	4.09695043	3.6103172	3.99069479	4.38973009
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1.00E-04	1.00E-04	0.0481326	0.05670137	1.00E-04	0.57675855	1.00E-04
3.86472638	3.82426123	3.53656775	3.65388756	3.64724482	3.66545484	3.26645143

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0.55775389	1.46701551	1.09288694	1.00541725	1.3811708	1.9842187	1.60047763
1.00E-04	0.37129637	0.05726284	0.1485326	1.00E-04	1.00E-04	1.00E-04
4.22975613	4.2467444	3.83343736	3.72790408	4.51352634	4.6777202	4.2745476
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1.00E-04	1.00E-04	0.21775487	0.33604703	0.59189493	0.28241755	0.28137615
0.87569217	0.66544255	0.68567166	0.25065467	0.24496797	0.43786899	1.33379104
1.85393998	2.76135574	2.28189062	2.37207424	6.29261518	6.70198974	6.38233534
0.96385375	0.53326939	0.64260774	0.89090332	1.36789216	1.32657841	0.92685472
1.00E-04	1.00E-04	0.08260733	0.11547453	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.17575264	0.16352657	0.29562056	1.00E-04	1.00E-04	0.15149617
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4.12990421	4.11314238	3.82190574	4.03907556	4.36236156	4.51768875	4.10738626
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1.00E-04	0.21042711	0.25162036	0.35924453	1.00E-04	1.00E-04	1.00E-04
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3.53397073	3.64312385	3.27234454	3.44845548	3.12359692	3.73594373	3.2647409
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1.57071999	1.56963288	1.30396943	1.52305281	0.86595409	1.12714666	1.54091016
1.08315359	1.4991045	1.15636308	1.36984215	1.15720948	1.11688568	2.155723
0.53023756	0.55384193	0.2578652	0.58184311	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	0.05768037	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.203267	0.13845955	1.00E-04	1.00E-04	1.00E-04	1.00E-04

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4.67432924	4.64686031	4.38899287	4.19358375	3.85202874	4.47994993	3.74347319
3.85988737	3.83056247	3.72810689	3.69262836	4.94660258	4.86445078	4.28724156
5.0583919	5.12358898	4.69173533	4.63881382	3.94459197	3.5156905	3.39064939
1.98169585	1.53764566	1.42755126	1.7536968	0.87983469	2.24176996	1.66963511
1.00E-04	0.76914015	0.10960734	0.16424723	1.00E-04	1.00E-04	1.00E-04
3.37899174	3.46409059	3.7432305	3.69970533	4.054207	3.66887094	3.86947666
3.36408577	3.41045845	3.82100846	3.83846935	2.49106802	2.619571	3.35791262
2.84908034	2.62451802	2.97478515	3.11128429	1.00E-04	0.81248092	1.61169207
1.00E-04	0.84794553	0.57686547	0.18914268	0.47740198	0.86979598	0.36142878
2.67698526	2.73915477	2.87758457	2.35236017	1.18902325	0.66527596	1.93579235
1.00E-04	1.00E-04	0.09104048	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24854528	0.15866965	0.18242928	1.45410433	1.4243537	1.47039309
5.5810174	5.83358464	5.5921909	5.53521577	5.59073646	5.74218264	5.48443187
3.6606487	3.85248061	3.60829734	3.54705406	3.77606428	3.88781707	3.42752922
3.46247904	3.44001767	3.21150996	3.27776521	3.43383735	3.13493985	3.18414676
4.22775296	4.41733923	4.42189721	4.35709093	3.94246879	4.26997843	4.12164876
3.26146203	3.52362974	4.10930119	4.17516712	2.59727232	3.02740411	3.67333854
0.17198161	1.00E-04	0.31100928	0.43155504	1.00E-04	1.00E-04	0.28446781
1.59698585	2.05886435	1.17380507	1.39130553	2.20579495	2.63956725	2.49339206
3.20892725	3.26016923	3.4303013	3.47270722	3.32967294	3.37535356	3.39227641
4.98161063	5.06564038	5.00672954	5.01848158	4.64148613	4.88739267	4.93905064
2.57733694	3.06073395	2.95361863	2.97682709	2.66062489	2.7886496	2.69568103
0.41234208	1.00E-04	0.03270223	0.1304975	1.00E-04	1.00E-04	0.13285762
3.00553024	3.11995261	3.10753765	3.15419124	3.5264626	3.26512659	3.5332344
4.91798031	5.19616175	4.67702315	4.65023355	5.75903113	6.08061131	5.49984469
1.92018895	2.53898477	2.58774135	2.68575686	2.30088457	2.31561056	2.29956569
2.27208308	2.59845936	2.36942509	2.49155036	3.22570454	3.08625066	2.68479107
0.80295834	0.46982237	1.46642697	1.44232937	0.40674922	1.08747808	1.36087987
1.66330276	1.76688681	2.0604645	2.44429019	1.28240611	2.08604221	1.93180392
7.8854742	8.07782618	7.66050165	7.58194652	7.59878455	7.75357155	7.31173989
4.12349364	4.29910245	4.06309862	4.02412213	4.93300938	5.41835543	4.86795117
4.09325273	4.17007022	3.90252351	3.97515778	4.28460104	4.46118702	4.32118866
3.97064992	4.2817247	3.63127199	3.71500362	3.24416483	4.09083973	3.77996325
1.19221192	1.81047848	1.31127986	1.93114494	1.00E-04	0.88334965	1.00E-04
0.34603826	0.36314483	0.10178318	0.14659734	0.51366621	1.00E-04	0.46384746
1.56199603	2.14207807	2.06183275	2.082527	2.94434951	2.752254	2.47848799
6.6099866	6.4888757	6.32889059	6.29522946	6.08762112	6.32013603	6.04346993
1.00E-04	0.15827764	0.06279816	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.73285568	4.81565317	4.51993083	4.42688716	5.29177087	5.73718226	5.30730302
4.54512669	4.37339977	4.26222189	4.33149767	4.44508621	4.2422739	4.10010714
1.98269672	2.44836827	2.18343082	1.94629162	2.05143718	3.06072188	2.72669621

1.00E-04	1.00E-04	0.18684406	1.00E-04	1.00E-04	0.13071865	1.00E-04
0.40022499	0.67072338	0.6820652	0.29996766	1.00E-04	0.77122514	0.09760498
1.99457197	2.01065141	2.17708491	2.2308909	2.47169376	2.00219143	2.80622631
3.71077098	3.48168561	2.99792111	3.46641412	4.5146966	3.86083365	3.31493645
3.46441974	3.85921424	3.34413154	3.22618734	3.82985605	3.75938735	3.63225851
2.27867835	2.49554362	2.30214986	2.20467046	2.51312177	2.90832754	2.77714163
3.03092742	3.24135534	3.59173962	3.76266761	3.2916735	3.33598397	3.6511399
3.50626118	3.68500601	4.3226223	4.16790532	2.81539551	3.31245137	5.1141679
1.52181421	2.22404411	1.41756434	1.12800584	2.25611013	2.51422547	2.34881268
3.34826195	3.01909231	2.99294711	3.07415139	2.57163948	3.19455642	2.8776287
1.9542697	2.36040224	1.57444278	1.73252578	2.1609268	2.74816166	2.90871459
2.10919396	2.69888367	2.65090875	2.78375259	1.63200603	2.78905078	2.85571101
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.80727687	4.89696984	5.10008692	5.1334618	4.93011266	4.81315372	4.95575633
1.13621906	2.23871685	1.69074158	1.38696058	1.33478418	1.13161449	0.93693713
1.28212772	1.87212353	1.04682031	1.02699251	1.20028079	1.56400185	0.67873237
0.68230038	2.00909604	1.93728288	2.00433031	2.45795985	1.90637602	2.41783421
4.09808335	4.1375082	3.76854399	3.87858836	3.71137798	4.16740121	4.11731888
1.41366401	1.80238773	1.79188875	2.12813855	2.06219887	0.91375911	1.85952817
1.66669102	1.88401329	1.57837636	1.67879979	1.24972261	1.31654416	1.85741849
2.93775843	2.58522771	2.42121308	2.65476585	2.57143531	2.63642322	2.84576195
2.1270427	3.06975478	3.36472574	3.14547858	2.64254315	2.74535812	3.7252368
1.91760558	2.14444328	1.67531174	1.76074053	2.25503459	2.53171381	0.905571
4.84855164	4.95063694	4.51939698	4.51911647	4.70357216	4.94110077	4.71784462
3.80940668	4.18919447	3.80923569	3.92593388	3.13366269	3.19502021	3.56963801
1.92542489	1.79453434	2.04863684	2.22579653	0.79196151	2.16449298	0.75408434
1.97335874	2.16246404	2.55514067	2.3168755	2.69901591	2.58373261	3.39536424
4.21815073	4.39713384	4.06866277	3.83906365	3.36968861	3.86692412	3.42010692
1.02762311	1.96292955	1.74430905	1.84659297	0.65942933	2.07132427	1.30501157
4.3287073	4.30985527	4.06670844	3.98871633	4.48251881	4.4482364	4.22097953
2.98311524	2.91093805	3.38689713	3.56558154	1.11601308	2.88394729	3.25816491
1.26996518	1.90654415	1.92740664	1.99777837	1.32540406	1.73122812	2.08720591
2.3120769	2.76411302	2.95994226	2.95206384	2.68763603	2.24707375	3.28155947
3.50095619	3.39981178	2.90481351	3.0828501	3.34422539	3.94639024	4.28410247
4.33037862	4.48529979	4.3106046	3.99048609	2.51299271	4.31551933	3.78419992
1.92206996	2.9244859	3.39618873	3.41926986	1.84065036	2.37624703	3.46541891
4.8337014	5.11948324	4.67362168	4.52422975	4.97704224	5.30753582	4.69467075
4.5978974	4.71361663	4.59872005	4.65973061	4.65672616	5.36191263	5.21349645
2.19746324	2.61522637	2.7389899	2.80647712	2.83232321	2.37522561	2.90363035
2.48633996	2.59231165	1.92071501	2.1608038	2.10054395	1.81409199	1.8844412
1.00E-04	1.00E-04	0.05908693	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.28456692	5.4941678	4.9834101	5.23198497	4.65324465	4.63798796	4.66886932

1.00E-04	1.00E-04	0.03815188	0.0349238	0.72488459	0.41062688	1.00E-04
1.00E-04	0.74243563	0.64965559	0.93976541	3.24530039	3.25903474	2.89415688
3.56598378	3.99160106	4.36361427	4.42027434	3.42305719	3.76937522	4.61366252
1.00E-04	0.26697024	0.42417136	0.79908999	0.80006359	1.00E-04	0.60376356
2.68637095	3.32950116	3.86834117	3.87772377	3.09092502	3.22784443	4.17787728
1.75928495	2.00612407	1.59583045	1.42615179	0.38091442	1.31379459	1.6846264
2.20281933	2.69464218	2.0808105	2.0927419	1.93114057	1.95252108	1.72166185
4.10283907	4.17529165	3.67135704	3.73879152	4.44191385	4.88000193	4.39030457
4.48153273	4.62455478	4.25135756	4.28517206	4.98549655	5.15734443	4.80610259
4.62290924	4.66260429	4.11669285	4.06443982	4.51808667	4.82846237	4.19432533
0.96394704	1.20135413	0.80494663	0.71314447	2.28218659	1.04119084	0.41658553
4.39027803	4.68661647	4.22518061	4.31341847	4.84899987	5.23057919	4.72535455
2.06553461	2.25983353	2.12001196	1.97576537	1.00E-04	0.06695938	0.27485202
2.70149291	2.97863776	3.59433916	3.6205404	2.26733475	2.49884824	3.59876017
3.77282775	4.07820799	4.12124548	4.22221633	3.48305426	3.52317777	3.68300755
2.18032212	2.16272758	1.5232383	1.72973044	0.87461798	2.23034408	1.93835758
0.33188682	1.44663669	0.94584525	1.09323152	1.00E-04	0.82804884	0.9336697
4.59852113	4.83733568	4.49614815	4.55333314	4.55299438	4.99492601	4.17181375
0.65164214	1.66260594	1.43322223	1.41506377	1.91972502	1.68056651	1.90825115
3.63676761	3.98702533	3.7384251	3.82226731	3.18847513	3.77517716	3.76405085
2.5836963	3.18574613	3.62302016	3.68843909	2.80382586	2.83812096	3.36022883
2.01035933	2.27053039	2.75837422	2.94947026	2.16809718	1.94911175	2.49816694
2.77299382	2.88272958	2.85598347	2.87764963	3.14090059	3.42798402	3.20243276
3.98426396	4.51257466	4.31943445	3.18675399	2.90625022	3.36357399	2.5801397
5.2736512	5.3707962	4.90232054	4.89828954	5.26269576	5.5816738	5.04968076
6.13729771	6.39321544	5.93666543	5.82184676	7.25332024	7.38676728	6.78145274
4.07065684	4.11423836	3.78882371	3.65086254	4.25472298	4.52654702	3.94582323
0.62247428	0.54238776	0.47763277	0.75485213	1.28175075	1.00E-04	1.40805838
4.10303087	4.33508166	3.92174354	3.8798538	4.14627389	4.35868331	3.60257098
2.49171676	2.70617078	2.55159859	2.72139136	2.16421123	2.05857443	2.32869796
3.70934368	3.93668225	3.50991411	3.60184465	3.33127994	3.72813412	2.616522
1.51773839	1.82260952	1.49917055	1.76170102	0.98762071	1.31025818	2.18749513
2.85029249	3.53315765	3.51494267	3.55082729	3.03156171	3.40231687	3.46238971
3.54649835	3.71306619	3.2306829	3.25032739	3.93784793	3.67808837	3.46105269
3.50930492	3.31312391	3.60771351	3.57011409	3.42065986	3.28550374	3.18042217
1.3403878	1.94824957	1.92335659	1.95379828	0.40912496	1.76328526	1.72961525
4.25584744	4.31752481	4.10395707	4.05851346	4.02207905	4.16372278	4.21119675
3.10854008	3.1735285	2.81163774	2.80574376	3.08046127	3.70350673	2.84691356
3.18666768	3.45039325	3.35640751	3.27161665	2.66500592	3.29516421	3.39059969
3.5831132	3.80337427	3.33698037	3.10761476	4.25576097	3.97520326	3.77823074
4.67775574	4.94289107	4.42337831	4.35197912	4.93094722	5.05669457	4.42829411
2.52251301	2.49679034	2.87144828	2.84952967	2.45068507	2.91573672	2.84120267
2.58361014	2.40534421	3.12075269	3.11711185	2.64431482	2.70776568	3.51156845

2.40885358	2.53142849	2.92192996	2.89229014	2.55675564	3.02241736	2.98038602
2.409992	3.1320692	3.86073218	3.94530272	1.6762508	2.59063512	3.34603719
3.49270772	3.87582279	4.27448954	4.21864582	2.72773234	3.32846025	3.63336605
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1.93466347	2.38193265	2.83904967	2.92887647	1.28481835	2.31030249	2.28907454
2.56984155	2.86305672	3.375855	3.43334827	2.25784808	2.68447707	3.38998664
1.05289135	1.32950938	1.57120879	1.35878038	1.00E-04	1.2820596	0.86289527
1.00E-04	1.00E-04	1.00E-04	0.07268784	1.00E-04	1.00E-04	1.00E-04
4.74468032	5.06583602	4.72818727	4.6288808	6.2010007	6.36262045	6.20452522
2.20822881	2.64050204	2.05934782	2.07551683	2.23704261	2.31685701	1.90757686
1.21207474	1.37165302	1.3002802	1.59882917	6.78070459	6.90268731	6.55265591
4.38897833	4.74463272	4.43507615	4.08304905	5.40372565	5.14810545	4.55098904
0.88876786	0.87876684	0.58303784	0.19482501	1.00E-04	1.26413799	1.16872605
1.1822399	1.1801536	0.2972474	0.59544879	1.62323725	1.00E-04	0.41048683
2.14487795	2.28579447	2.18594638	2.2540009	3.36823645	2.67858078	2.54780458
1.49917262	1.92132719	1.61787808	1.64326744	0.99154594	2.13433363	2.29693637
3.8692506	4.25743814	3.65918175	3.84478237	3.23574677	3.64410207	3.93090703
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0.49714665	0.2685739	0.3214559	0.30097574	1.00E-04	1.00E-04	0.24879656
1.15876835	1.48013166	1.67547657	1.80959535	1.84739049	0.97036341	2.07429317
0.31246706	0.79028671	0.16931457	0.14374731	2.36354502	1.67877565	2.39405657
1.00E-04	0.49462953	0.61240287	0.75655317	1.00E-04	0.39173741	0.17016891
0.53701477	0.25604588	0.56537939	0.67065131	1.00E-04	0.88534859	0.20772946
1.00E-04	1.52172365	0.43201848	0.47149261	1.74322184	0.75762366	0.2166229
0.79854455	1.40276983	0.72061279	0.97234338	1.80657855	0.90981748	0.22577116
1.01436651	1.22893639	0.9108828	1.01495453	1.00E-04	1.00E-04	1.00E-04
0.5985612	0.72619458	0.67971106	0.82284021	1.00E-04	0.25930142	0.57747516
0.40284669	0.80288655	0.50468309	0.34080715	0.52474525	0.11466061	0.20772946
5.02229849	5.23863484	4.81535898	4.76758767	5.41805768	5.55588011	5.22929195
1.65684921	2.42220882	2.43467892	2.4659949	2.12146629	2.44074447	2.13777422
0.52236275	1.00E-04	0.18302903	0.31125418	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.90969435	1.42313253	1.52134767	1.83913916	2.0390353	2.43652188	2.9437219
2.88373188	3.37719721	3.60652699	3.69192285	2.20732513	2.87830325	3.33530422
1.00E-04	1.00E-04	0.17569657	0.04081921	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56206715
1.22425171	0.89962549	1.07433536	1.33519547	1.10253211	0.81603483	0.95167252
0.24987489	0.92780676	0.50560217	0.57864599	0.97912136	2.15221315	1.37054309
3.51503539	3.66343809	3.49620088	3.56251267	3.45858642	3.97936826	3.5200737

3.07036885	3.168864	2.94200775	3.01646695	2.36954315	3.47819585	3.71791116
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0.1908604	1.35798514	1.44465751	1.56565452	1.00E-04	0.77024585	1.10085699
3.05342492	3.60082928	3.86745777	3.76883948	2.9411698	2.87239405	3.77227312
0.96801249	1.23684803	1.61724301	1.4087736	0.68133587	1.68084046	1.5455059
2.71882913	2.94848922	2.71892216	2.60461026	2.29192731	2.90753827	2.8114942
4.24064136	4.40257762	4.05627198	3.9233668	4.50297651	4.77716893	4.27494823
4.33957872	4.44797357	4.05969817	4.04488013	4.1686076	4.43171315	4.09302124
1.77573752	2.23267123	2.0959502	2.07730673	1.6832323	1.730396	2.16536669
2.02037147	1.73879458	2.86562264	3.00100019	1.282459	1.49736757	2.74975971
2.6943784	3.41183529	3.38450495	3.27662543	3.54917498	3.62551778	3.59574062
1.00E-04	0.1646713	0.06675752	0.21156571	1.00E-04	1.00E-04	1.00E-04
1.8588394	2.20054643	2.24550064	2.4214781	2.90838003	2.36918528	2.14174371
1.79637149	2.19432181	2.42640588	2.49142073	1.51277612	2.04739756	2.47912702
0.41143904	1.8051039	1.80179856	1.96247928	0.38488463	1.80358351	1.38571411
3.51006526	3.53936356	3.20769133	3.23189511	3.95571025	4.03291075	3.95035911
2.15518868	2.90599641	3.4067465	3.60773612	0.9673455	1.57906437	2.51965135
1.00E-04	0.26789339	0.23756871	0.25629969	1.00E-04	1.00E-04	1.00E-04
2.30004313	2.76855161	2.82772734	2.93298142	1.95894643	2.5846979	3.15407877
2.42977562	2.6778714	2.7787526	2.82436266	2.54597449	2.73385956	3.31760089
2.61543968	2.72569464	2.48690591	2.74061063	2.84744926	2.8665055	2.45536866
1.90613793	1.89840057	2.44831569	2.60417174	1.00E-04	2.10437658	2.4396647
2.45782494	2.87781418	2.87603939	3.08636138	3.15121502	3.47635583	3.29301198
2.29451855	2.27526028	2.79207572	3.14213445	2.06011405	2.72490641	3.08033158
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.68674915	3.7163379	3.42120464	3.54633993	3.341503	3.4986051	3.52161831
3.91548279	4.05372632	4.49364262	4.52959913	3.69131241	4.00989813	4.19589968
0.82899315	0.44174668	0.49957621	0.76298119	0.59189493	0.81716771	1.02637804
0.46743707	0.06489235	0.08093748	0.29357038	0.74910948	1.00E-04	0.1362077
3.18490197	3.26959103	3.12311385	3.3022637	3.66282418	3.70886655	3.36652192
1.00779803	1.15657839	1.40399671	1.53104721	1.20116571	1.05170226	1.19467087
3.29214093	3.47208322	3.55361941	3.71708639	3.03185597	2.55026317	2.94054382
0.14170192	1.00E-04	0.10808472	0.13418655	1.54933294	0.74734625	0.19124552
2.30912951	2.6831713	2.50175433	2.63930455	2.32997011	2.6897296	2.86364285
1.16336195	0.56568041	0.92779783	1.10737772	2.3445509	1.7589594	1.77488952
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.81890518	4.05669919	4.27897916	4.28362929	3.80224996	4.40808289	4.43880675
0.87806337	0.85923791	0.7861038	0.81343272	1.4718588	0.28191199	0.46435976
5.32249795	5.64460335	4.93385068	5.17837822	5.54479414	5.68400335	5.2322802
3.85018611	3.97144413	3.77519084	3.81718059	3.56949112	3.97357974	3.84305562
2.58906997	2.92978902	2.68264864	2.69537569	2.57490549	2.93196816	2.44374233
3.69589822	3.85730367	4.43142264	4.43887836	2.74692397	3.2121572	3.62928225

1.00E-04	0.24431554	0.11968594	0.04022592	1.00E-04	1.00E-04	1.00E-04
3.10784207	3.08834117	3.14143423	3.0912145	2.85056059	3.17852117	3.79897478
2.48937366	3.19165135	3.30648023	3.58396151	2.24038721	2.2706081	3.07779506
2.9231125	3.11212057	3.12537099	3.05059106	3.50083693	3.50771353	3.26438384
2.38384942	2.84257372	3.07651973	3.0108641	1.68759905	2.59296171	2.80861622
2.06016349	2.2051362	2.26453354	2.24031623	2.25947484	2.05051829	1.24463999
4.52227918	4.75836744	4.6098903	4.56125159	4.55057498	4.60932216	4.53075377
3.87428792	4.22438726	3.85352402	3.76275349	4.47603269	4.29407584	4.3878024
1.00E-04	0.52350795	0.04441324	0.15808668	1.53774528	1.00E-04	1.00E-04
1.00E-04	0.37927321	0.2937704	0.40188179	1.00E-04	1.00E-04	0.27477876
0.70204347	1.27144547	1.86862077	1.93347974	1.00E-04	1.15734972	1.87317056
1.90108834	2.57119737	2.45938342	2.40421513	1.62105856	2.12070597	1.87298342
1.0434754	0.90017575	1.22634273	1.4979471	1.03816262	1.52362635	1.53197478
1.12319057	1.90260429	2.09044682	2.2532318	1.3944837	1.17677436	2.00931787
4.47135674	4.67886842	4.4738213	4.44402741	3.91059642	4.27076656	3.76782793
1.00E-04	1.00E-04	1.00E-04	0.06091562	1.00E-04	0.30338957	1.00E-04
3.43443645	3.50127123	3.44029872	3.4111881	3.58846135	3.94018555	3.38723393
0.78597877	1.38947466	1.64655286	1.79387847	0.92729632	1.04047801	0.5752492
4.72047427	4.91032582	4.56422797	4.53852023	5.05495859	5.37889964	4.96249389
1.00E-04	0.41074219	0.09839192	0.12459026	1.1610375	1.73866743	1.6586187
0.39874234	1.00E-04	0.3127431	0.17513953	0.54258268	1.00E-04	0.20964658
0.68392213	0.85198549	1.29554074	0.77678728	0.49775343	0.54086741	0.21495559
2.89559464	3.19848861	3.70882511	3.74372221	3.38222132	3.6041417	3.94420598
2.83103015	2.87969149	3.16045824	3.31376574	2.37636932	1.9794527	2.47676867
1.00490196	0.83730643	0.61772368	1.09613158	2.13982859	2.1402238	2.47027642
4.46426466	4.69991101	4.53888761	4.41729488	5.27680669	4.32785582	4.57325637
2.66003917	2.9289233	3.15270631	3.20576986	1.4198731	1.88681875	2.47201802
0.23269999	0.79010678	0.10200653	0.11900406	1.22266522	1.02919143	0.64791466
1.00E-04	1.00E-04	0.06821222	0.06768765	1.00E-04	1.44854468	0.66238423
6.68753465	6.84033941	6.42825411	6.26082241	5.56292211	5.78014732	5.56805611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59751379	2.26872302	2.31540979	2.37306824	3.12663654	3.24787901	3.15120469
3.19957481	3.39634353	3.13722181	3.22908635	3.13892136	3.27029673	3.31304016
4.49682425	4.51107341	4.43530527	4.42093856	5.1849061	4.78860335	4.73348326
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.08085856	2.65046754	2.52290648	2.32707357	3.27666454	2.73664187	2.57940236
0.88047729	1.26483907	1.31807133	1.49331225	1.00E-04	0.88494018	2.60199264
2.25575874	2.61399137	3.10484467	2.80903081	3.00398537	3.11694538	3.99962539
3.87685139	4.37282997	5.2013877	5.21019881	3.54693244	3.99287949	5.46535497
1.00E-04	1.00E-04	1.00E-04	0.12203215	1.00E-04	1.00E-04	1.00E-04
1.53238596	1.56763048	1.48573435	1.34726372	0.92606202	1.64807532	1.18422066
5.03166621	5.14402171	4.86312695	4.7907092	4.77381121	4.6465062	4.55008953
4.24964542	4.31019153	4.03374727	4.07025736	3.82629065	4.17891219	4.18371468

4.69363938	4.84539304	4.4322709	4.5095795	5.05175147	4.9288359	4.74637776
1.87619476	2.60683621	2.77696486	2.69909548	2.05054427	2.25561749	2.31914373
3.10875124	3.02339768	3.16479486	3.24751358	3.47377006	3.53010906	3.41351868
2.26954125	2.69926972	1.62894026	1.66224867	5.15696815	5.70671091	4.90139756
2.60047065	3.10025459	2.52117488	2.57759655	1.73771503	3.00361939	2.38263752
0.49324243	1.13195931	0.57655208	0.59739315	1.39802336	0.20066371	0.34978791
0.38484894	0.80816179	0.34018294	0.19859517	1.24567317	1.00E-04	1.00E-04
3.88757786	4.54738422	5.22137378	5.31582958	3.73374017	4.24945986	4.87719497
4.35540017	4.8020749	4.35282974	4.27670765	4.50951152	4.88471527	4.58683826
5.01705682	5.37127149	5.08593599	5.00864812	5.24507963	5.43202061	4.95991851
3.08814238	2.8617344	2.67189306	2.70603361	2.78651902	3.37140015	2.64950283
1.8641412	2.0480735	0.84468282	0.91772517	0.71649841	1.53501334	0.68011758
2.09743775	2.5650738	2.8475047	3.09613152	1.59923662	0.78359148	2.81780159
2.5915365	2.21863047	2.02091809	2.14382966	1.27350869	1.99573655	1.96915257
3.44184189	3.87473023	3.8120576	3.7112746	3.68646655	3.64209646	3.33448579
3.10431023	3.34028571	3.15195755	3.37975891	3.19940177	3.17278765	3.46595324
1.43595744	0.93789642	1.37854108	1.57865054	0.88579312	1.14740735	1.67047173
1.92035763	2.50663892	3.25669695	3.48936942	1.74109407	2.81451849	2.81596334
5.42760223	5.59888725	5.43935573	5.41136935	5.24067955	5.28601405	4.99376972
2.64472032	2.89286984	2.56068801	2.4637993	2.60559062	2.88601006	2.1848003
2.26096061	2.85113579	2.39774386	2.62853566	1.13228756	2.72589401	1.84806412
4.23504846	4.79548784	5.72835159	5.74782921	3.31333487	3.8246856	5.11041597
1.86650698	2.63601869	2.85652725	3.07515883	1.68807418	2.19833631	2.26999331
4.17649468	4.24780557	4.08687532	4.06907636	4.4828122	4.47672997	4.22014551
2.56815917	2.91255897	2.63998673	2.33300895	2.05024377	2.93153683	1.98049725
2.78340474	3.11004028	3.11947601	3.02792545	3.40100665	3.58880949	3.23356543
0.93392057	1.36476798	1.23137032	1.185288	4.52582	4.5886197	4.44437077
1.45057789	1.19547279	1.19949389	1.04901657	0.39382455	1.49319864	0.99847743
4.41614423	4.59909016	4.40902944	4.48140958	3.50270921	3.5629287	3.9448296
4.56062633	4.73595006	4.2649087	4.17420633	4.04467511	4.62197941	4.08066944
1.36179024	1.47736743	0.73516293	0.77240721	1.77911519	1.67397883	1.19238679
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.02335331	4.1647409	3.72095238	3.76326934	3.82985003	4.24355122	4.33221854
2.34596351	2.78699139	2.56888126	2.62382026	2.83815421	2.78588909	2.50269923
2.71289551	3.06462919	2.71850526	2.87802299	1.95125833	2.51066486	3.03774121
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.49636101	3.75944704	3.18094152	3.28368095	3.88975635	4.05658073	3.31702382
0.16864963	1.43470374	0.65941399	0.9349695	0.6924586	1.51180355	2.18055986
1.00E-04	1.00E-04	0.13470014	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.88861505	1.03195829	1.67340889	1.88025684	1.39939768	1.23663218	2.51803063
1.70642981	2.04129415	2.77610009	2.84445854	0.72881829	0.95945135	1.12957932
2.41213313	2.41866882	2.2556612	2.58731719	3.41698972	3.21977073	3.44753449
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05378197	1.00E-04	1.00E-04	1.00E-04	0.50751015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13076613	0.07362627	1.00E-04	1.00E-04	1.00E-04
0.14465503	1.00E-04	1.00E-04	0.08054494	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25001148	0.05462298	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06388714	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03175642	0.06313104	0.43177254	1.00E-04	0.13285762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08546583	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06604011	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19326927	0.02528766	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43900246	0.11273618	0.24413824	0.65823999	0.83805552	0.63716675
0.74875674	1.00E-04	1.00E-04	0.12037457	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10476483	0.07780859	1.00E-04	1.00E-04	0.15149617
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.11033993	0.12170126	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22371235	1.00E-04	0.1860831	1.00E-04	1.00E-04	1.00E-04	0.81302828
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07454947	1.00E-04	1.00E-04	1.00E-04
1.75519888	0.44695503	0.35258139	0.21740495	2.03765	1.2359876	0.56206715
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0835862	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27642423	0.0726945	0.08530697	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02458737	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1636935	1.00E-04	1.00E-04	1.00E-04
0.59178746	0.36821611	0.09797253	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36569962	1.00E-04	0.11405899	0.11037988	1.00E-04	1.00E-04	1.00E-04
2.70263188	2.82344085	2.89115476	2.84131007	1.54761743	2.25881206	2.72880089
2.77594817	2.52481987	2.95825968	2.99995327	2.00048849	2.7524155	2.95879548
3.64226155	3.86258947	3.70220319	3.76964769	4.4108827	4.57117015	4.30725104
1.00E-04	0.35644713	0.21165057	0.66389744	1.00E-04	0.25927897	0.64654758
0.50260242	0.85762769	1.51793868	1.87962035	1.00E-04	1.00E-04	0.47872912
3.28407979	3.531567	4.07514317	4.02243297	3.49393037	3.4068586	4.02694421
3.50311822	3.6748503	3.04447893	3.23600634	3.55209835	4.27779783	4.72706806
1.00E-04	1.00E-04	0.16603706	0.17476652	1.00E-04	0.3924612	1.00E-04
3.62770018	3.20706469	3.48501727	3.49078464	1.94759916	1.90131235	2.2464661
2.69269452	3.21715755	3.8722034	3.98709219	1.92805923	3.04989991	3.9738903
5.45908393	5.66538506	5.34203745	5.12734005	5.43722589	5.49139158	5.17022446
3.58664202	3.42302856	3.44462465	3.43685213	2.83828275	3.08349845	3.30664871
3.24831786	3.31878328	3.58487778	3.42673745	3.88179572	4.21401909	4.13581829
3.14631331	3.42797586	3.50376932	3.57800752	3.28415759	3.56653231	3.82399401
3.52488095	3.34213834	3.46227911	3.45788122	2.21070186	3.20923152	2.90000476
1.00E-04	0.87324607	0.61748534	0.67754278	1.00E-04	1.00E-04	1.00E-04
0.68815159	0.36810036	0.66098479	0.55116323	0.80452472	0.11466061	0.72644474
1.00E-04	0.63066503	0.21875185	0.40269418	1.00E-04	1.25111055	2.10504772
0.22838714	0.35106349	0.09599052	0.06245385	1.00E-04	1.00E-04	0.54976947
0.91706517	1.18663133	1.40517676	1.26456925	1.00E-04	1.07736766	0.80396575
1.00E-04	1.00E-04	0.06687372	0.08029034	1.00E-04	0.67381206	1.00E-04
3.33373939	3.78358745	3.99904265	3.98201429	2.94360499	3.5575855	4.07326485
0.14265331	1.62549989	1.78226698	1.40875043	1.00E-04	1.22004603	2.04996276
2.28967844	3.15621307	3.50698303	3.45247903	2.73327775	2.84807617	3.70730637
2.72280677	2.7471008	2.68859286	2.67952819	3.20046333	2.99527116	2.7992528
3.13002337	3.19414564	2.91818735	2.8842869	2.78169898	3.16458565	2.50233166
1.00E-04	1.00E-04	0.0360553	0.15343834	1.00E-04	0.64139002	1.00E-04
1.95326229	1.91525884	1.18216287	1.67754572	2.59195968	3.09416883	2.67679463
2.17010891	2.3567756	1.86439172	1.90848114	2.506169	2.51660209	2.07418933
0.82581669	1.24660103	1.42378488	1.72847622	1.95648077	1.71165699	0.77092713
5.39766728	5.39690367	5.21563901	5.11794385	3.1402524	4.18654388	3.50088484
4.86353501	4.96876854	4.65203528	4.74282629	4.08133272	4.3875957	4.08883148
0.15815701	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03424679	0.14358952	1.00E-04	0.62514989	0.25203293
1.16934019	1.15964287	0.93277045	1.51575205	1.83165378	1.69708258	1.7724093
1.56865885	2.20814533	2.17183898	2.28547084	0.97476962	1.5579463	2.50709649

2.61675891	2.88683948	3.35500589	3.64895036	2.14960383	2.37876417	3.16986767
4.42679772	4.37647615	4.07857715	3.98817626	4.69070667	4.86961865	4.36539637
0.56254365	0.08372266	0.57505786	0.28298256	0.78234266	1.00E-04	1.21586174
2.61575485	2.49842946	2.5032903	2.68698253	2.37883216	2.63759571	2.56031492
2.46110446	2.66528542	2.08840162	2.14295215	2.37283936	2.93828696	2.11041499
1.97298308	2.25754356	2.40308132	2.49749978	2.52004363	2.32072615	2.54450501
1.00E-04	0.62961013	0.54482496	0.87791921	1.00E-04	0.53799721	0.59957876
2.6141335	2.96401273	3.23007972	3.24291143	2.66149119	2.8017128	3.18451555
3.77434507	3.972743	3.69474897	3.57185746	2.97346438	3.23868793	3.34272072
1.00E-04	0.06489235	0.12510656	0.11308376	1.42078513	0.16898238	1.00E-04
0.72759352	1.09648066	0.99741227	1.12357779	1.57221098	1.46862027	2.373687
0.47517555	1.00E-04	0.07711405	0.53112664	1.00E-04	1.00E-04	1.00E-04
2.27804008	2.50948538	2.48700957	2.33182855	2.31736292	2.51611741	2.26197829
1.00E-04	1.00E-04	0.0287895	1.00E-04	1.00E-04	1.00E-04	0.07440699
1.00E-04	1.00E-04	0.20936575	0.2583875	1.00E-04	1.06359142	0.58535676
0.57396952	0.22843273	0.18592944	0.24215248	2.47264157	1.74201689	2.00861313
1.00E-04	1.00E-04	0.05017055	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04415081	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82455212	1.56916383	1.90738134	1.72671006	1.00E-04	1.3867393	2.98248127
1.00E-04	1.00E-04	0.14051196	0.45323619	1.00E-04	0.50307457	0.30411963
1.00E-04	0.15610278	0.10852857	0.149105	1.00E-04	0.53672067	1.00E-04
1.00E-04	1.00E-04	0.14139888	0.03851865	3.31658674	2.21092614	2.07812017
1.50584278	2.54415864	1.84596528	1.58076613	0.95330859	2.89565987	3.26118144
1.56129313	0.41590432	1.41148491	1.12939796	1.00E-04	1.25658285	1.68346188
1.00E-04	0.59971458	0.31239584	0.13043236	0.54293045	1.0612244	1.00E-04
0.55506472	0.75186004	0.43937468	0.46700577	1.07694717	0.62208683	0.83822697
1.00E-04	1.00E-04	1.00E-04	0.05014946	1.00E-04	1.00E-04	0.14835414
1.34486325	1.38598994	1.60099054	1.69260461	1.23725992	2.09305368	1.42869537
1.52281818	1.96366852	1.91444619	2.11404002	1.7196769	1.83817023	2.08965957
2.48269862	2.55807177	2.24411031	2.9342116	2.42200767	1.67858037	2.70469088
1.00E-04	0.26903843	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24046118	0.59769701	0.44928655	0.40447657	1.24668869	0.36816075	0.7491439
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17357925	0.13939427	0.05144164	1.00E-04	2.55945944	0.74812316
0.47996984	0.42497369	0.32863407	0.77224988	1.00E-04	0.45779176	0.24282435
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.27461466	0.11474069	0.07640441	1.00E-04	1.00E-04	1.00E-04
3.569557	3.54654955	3.49152559	3.54382293	3.40060048	3.46530858	3.3925414
2.56000041	2.89299699	2.50124192	2.59690912	3.47058694	3.68196566	3.57379039
2.21637081	2.22489535	2.29229197	2.23933231	1.88430216	2.00408774	1.41300093
1.00E-04	0.18078364	0.25806124	1.00E-04	2.19781037	2.40526992	0.9658707
4.48903183	4.79712751	4.32040444	4.35118333	5.12460987	5.21900254	4.81834768
0.5560586	0.32355594	0.67540529	0.34391742	1.85985845	1.00026817	1.47966583

2.16212663	3.23672948	2.94799245	2.94905736	4.22454422	4.70753441	4.1634582
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59261504	1.79006121	1.55466872	1.40602769	1.30142858	1.61919968	2.00888843
2.4742165	2.76915843	2.36219111	2.56086292	3.29865126	3.14349774	2.60838866
1.00E-04	1.00E-04	0.03961845	0.07928787	1.00E-04	1.00E-04	1.00E-04
2.16529234	2.17513699	2.58340682	2.65155528	1.64096757	2.14897776	1.98262936
4.27828555	4.71721413	4.87281734	4.91863842	5.02766837	5.34381219	5.53090602
3.23180553	3.24310625	3.01939976	3.26922173	3.90531591	3.96337708	3.29817507
5.06726493	4.8705959	4.9284683	4.81717455	4.60108654	4.47118607	4.35448331
4.38621397	4.15529114	4.01735419	3.91893535	4.371156	4.62278762	3.96339588
1.78033551	1.82665254	1.35791482	1.19824643	4.16929094	4.01157161	3.62629967
1.69322536	2.16599656	1.80963031	2.03856061	1.51654085	2.16355222	1.58970553
4.05913631	4.41844832	4.47097379	4.48877262	4.07379814	4.26560235	4.35855169
1.00E-04	1.00E-04	0.03111725	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.83310429	2.41035192	2.35669958	2.11033697	1.2352155	1.96195388	3.3371254
1.00E-04	1.00E-04	1.00E-04	0.08077779	1.00E-04	1.00E-04	1.00E-04
2.65055517	2.67693331	2.80945913	2.8604696	1.85580706	2.33273454	2.81428004
0.72217844	1.27798989	1.53132734	1.62224358	0.96141743	0.32577506	1.04083934
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.48452611	0.26064202	1.00E-04	1.00E-04	0.17016891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.29934632	3.04556516	2.97170557	3.29664743	2.28578472	2.61380226	2.66903868
2.82071946	3.0542129	2.59591512	2.60551321	2.3896872	2.9901017	2.43372481
1.99372157	2.30990295	2.53808567	2.47044377	1.78031605	2.91162132	2.44728124
2.49521567	2.68188821	2.55319891	2.79022773	1.93121123	2.63933302	2.64076231
4.98608244	5.12584583	4.66922964	4.52607411	5.0580788	5.21571039	4.58378418
1.00E-04	0.34492203	0.14126529	0.1135281	0.56063254	0.63592686	1.00E-04
2.9915354	3.21884254	2.55471943	2.50142644	2.90275064	3.54103829	2.65364563
4.68334201	4.84690521	4.70349398	4.77168891	4.96191274	5.19535488	4.78973728
1.00E-04	1.20375219	0.32232409	0.39332757	1.00E-04	1.25489372	1.25503179
5.02909269	5.35726424	5.30817522	5.26748029	5.34897693	5.66598608	5.47962857
3.85415938	4.16197618	4.07852412	3.90820464	3.94548748	4.07497936	4.38127768
1.4266878	0.94325843	1.14178552	1.04744107	2.29427077	2.60356833	2.22211927
1.03755215	1.53906644	2.02782282	1.83198851	0.80750542	1.95899369	2.29000354
1.86988189	2.27494438	1.99540136	2.06870083	1.00E-04	0.4121066	1.27717703
1.26897945	0.86699342	0.87689497	1.2492545	1.70677603	1.18706451	1.36546916
1.00E-04	1.08134932	1.59351769	1.2431415	0.61235854	1.02233356	0.46435976
3.9370153	4.0083805	3.78555258	3.77435354	3.46330572	3.97776533	4.09081483
2.23925727	2.67518105	2.45076788	2.48880346	1.2214023	2.46390546	2.43022868
3.1446341	2.94107952	2.76134565	2.96048743	2.71427854	2.88509181	3.01477028
1.52963278	2.10795101	2.93703151	3.06874021	1.95880922	2.25924405	2.68274549
3.57074353	3.84719622	3.31054486	3.38044376	2.59725134	3.11496936	2.12273036

0.70592333	1.26280274	0.60122905	0.64011747	1.00E-04	0.63577747	0.86692826
1.00E-04	1.00E-04	0.07704764	0.129948	1.00E-04	1.00E-04	1.00E-04
2.63940652	2.7907381	2.91398328	2.83599741	2.95065136	2.63947428	2.49710781
1.00E-04	0.54542281	0.15785473	0.19691444	1.00E-04	0.31559802	1.00E-04
3.57046957	3.92821226	4.7866881	4.75138898	3.39496654	3.27431517	4.84831016
2.67126915	3.13823966	3.19615055	3.35149665	3.13401639	3.02785347	3.36467226
1.00E-04	0.06522668	0.19646912	0.12825238	1.00E-04	1.00E-04	0.10785897
2.78924248	3.05145787	3.05194177	2.89908211	3.59790062	3.41854615	3.8523549
2.2554936	2.30708767	3.27122388	3.48810429	1.59248995	2.59009625	3.09827212
3.46773011	3.9646398	3.81894499	3.86619257	3.52506506	3.54885443	3.50455641
2.87147661	3.05609529	3.76904745	3.77644675	2.2120589	2.56431222	3.24476345
4.72719977	5.15322253	5.11373984	5.15006465	4.54766594	4.86412996	4.79303348
2.54977278	2.86268309	2.67204548	2.58060867	2.85627974	3.21365395	2.96625648
0.99803064	1.06476408	1.43536701	1.48248537	1.11054737	1.55725115	1.56416153
1.00E-04	1.00E-04	1.00E-04	0.08063792	1.00E-04	1.00E-04	0.19124552
2.0082023	2.56569867	3.47123209	3.53759527	1.96564848	2.36474918	3.42772535
2.24546572	2.55539664	2.52173524	2.65944393	2.63295294	2.09393868	2.77042063
0.52056667	0.80932142	0.05663582	0.11160861	0.55964322	1.00E-04	0.2166229
0.70192395	2.24234225	2.11737412	1.96567392	1.87880551	2.05192349	2.5964571
1.00E-04	0.0982775	0.03463926	0.26489099	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.35164345	0.24952021	0.36648201	1.00E-04	0.62757209	0.27477876
0.74267716	0.26203924	0.66059759	0.7688201	0.93257861	0.6856809	1.04677523
1.38298074	2.083579	1.56004774	1.73587175	2.98795796	2.76616311	2.44178897
2.38832187	2.03580762	2.08788865	1.9068263	3.64901517	3.41825491	3.38826686
6.25633691	6.13463871	5.92826762	5.72235842	2.87595697	3.87720076	3.18902645
2.86267092	3.06787172	3.01989692	3.17759421	3.34781085	3.43586344	3.2742604
1.00E-04	1.00E-04	0.15310944	0.08712541	1.00E-04	1.00E-04	0.75267841
1.00E-04	1.00E-04	0.06781809	0.14083688	4.36082131	2.4350712	1.20703827
4.59552263	4.44965637	4.00075374	3.82966662	4.74799631	4.32905862	3.79209858
2.71844431	3.29542032	3.78014795	3.86104351	1.88591694	2.46551063	3.91451151
2.20915645	2.37649015	2.66522672	2.52273728	2.96864608	2.43599902	3.14089782
0.63954389	1.67376044	1.92971937	2.02048406	1.71996328	2.51919204	2.36547912
0.79929012	0.70607682	1.20284535	1.24577537	1.00E-04	1.00E-04	0.71002371
5.51693149	5.64006538	5.4702681	5.36029607	5.03097505	5.52259251	5.08988323
0.85537354	0.89881485	1.2183919	1.09232747	1.3451714	1.36708446	0.43353214
4.18555666	4.41297526	4.40462482	4.01732565	2.37045715	2.98177661	3.0659009
1.00E-04	0.51071835	0.4757332	0.39554783	1.00E-04	0.59411957	0.76055783
0.53441798	1.54760304	0.81707061	1.1516279	1.15736127	1.311534	2.62141916
5.02477591	5.19809579	4.99574855	4.90784466	4.90941612	5.16085788	5.98310683
1.11547653	1.47296966	0.73492618	0.47231797	1.94770585	0.93504098	2.02392772
3.32467084	3.44513107	3.167378	3.28245972	3.38957275	3.84529505	3.52651088
1.86624927	1.11273026	1.090065	1.48429333	4.66705976	4.65618232	3.76685956
3.28392462	3.88771094	4.40243502	4.3833231	2.60570534	3.09496278	3.96684452

2.302457	2.37684223	2.6241922	2.81323588	2.60459963	2.6142951	2.56403066
2.17802556	2.2734735	2.67475542	2.74750341	1.77080849	1.79206845	2.72277384
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39719199	1.73848805	1.77356838	1.65277416	1.69581473	2.61804933	1.77364569
1.38929524	0.46683917	0.72024514	0.59239003	1.00E-04	1.13437574	1.60965051
0.32643701	0.10957543	0.30917881	0.30043555	0.70997801	1.00E-04	1.00E-04
0.55862294	1.51812693	1.12937568	1.32323505	1.45890987	1.98510778	1.5089205
2.20049788	2.29519735	2.40754622	2.57147777	2.12338056	2.1441672	2.6228798
2.25675814	2.78735925	2.34731459	2.4082578	3.02441338	2.59632083	2.00089577
1.00E-04	1.00E-04	0.06660871	0.09588724	1.00E-04	1.00E-04	1.00E-04
4.00275951	4.17650409	3.62146537	3.46436615	4.20386534	4.2287913	3.64371283
1.00E-04	0.36659925	0.33022928	0.29365267	1.00E-04	1.00E-04	0.506108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02390356	0.04599066	1.00E-04	0.11466061	0.81741442
1.00E-04	1.00E-04	0.38566718	0.37243138	0.87118338	0.86624394	0.13723188
1.22281733	0.56217557	0.51871814	0.81553924	0.74630849	1.04758248	1.33309281
0.39448084	1.14219054	0.57426934	0.71273494	1.56675441	1.41842568	1.64796075
1.00E-04	1.00E-04	0.12278505	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.53957276	3.91363405	3.71131044	3.67229432	4.02027878	4.18529127	4.25344321
3.03217824	3.27720848	3.69319883	3.86500503	1.82977081	2.26612001	3.01250322
2.57564591	3.38536694	4.32481876	4.35348176	1.93517807	3.05066364	4.25997756
2.46114432	2.9987226	3.40352078	3.61860667	2.13477503	2.30382101	3.13425366
3.0272584	3.46319094	3.80283081	3.92527804	2.71853472	2.78041127	3.59379659
2.79550429	3.0433796	3.84249266	3.89988728	2.25007185	3.0095795	3.85430967
2.01654092	2.43154743	2.81353495	2.92296536	1.72098442	2.31953828	3.33643269
2.74109008	3.07244023	3.48808585	3.56682143	2.50105251	3.07431061	3.68706604
2.34251887	2.87894941	3.56239654	3.76328862	1.98046195	2.97112531	3.52888125
2.30804782	2.56616799	2.89246484	2.75842759	2.09788916	1.79312523	2.6762933
2.16377385	2.70681093	3.01073921	3.05462108	1.89768551	2.26587348	2.56949438
2.13930103	2.52122332	2.84557587	2.8847167	1.62013027	2.16453525	2.46489551
3.25971963	3.89168345	4.36200705	4.46107624	3.00556707	3.37857922	4.14272193
2.31513996	2.70816482	3.36817697	3.42892161	2.87218054	2.707911	3.6817795
3.12127092	3.12551912	3.6899891	3.88298196	2.76285495	3.10905788	3.74755804
2.98854401	3.67585638	4.63254833	4.57161057	2.8215136	3.0703537	4.51442776
2.10789138	2.27334761	2.89154409	2.95795503	1.56352208	1.7147391	2.72614819
1.00E-04	1.00E-04	0.45125311	0.59160741	1.00E-04	0.60447422	1.08504987
2.53002064	3.40438669	3.98087071	4.06234876	2.70539272	3.18906686	3.84497574
2.58510326	2.60116177	3.23472003	3.30626086	1.60690299	1.78814885	3.47590901
3.24432009	3.2355915	3.42750195	3.54917032	3.61864583	3.65164751	3.78458835
3.26594995	3.26834266	3.52394124	3.56953854	2.94131054	3.2081581	3.4705207

2.61573389	3.337246	3.78536018	3.90820916	2.24597092	2.77152931	3.86563594
3.06968995	3.2763666	3.93492715	4.0723457	2.53592084	2.73176377	3.71698156
2.929057	3.46551562	4.32807122	4.43731259	2.46284143	2.71566795	4.21272861
2.01491185	2.68352415	3.17065373	3.29195162	0.90479145	2.42136383	3.28071526
2.07361853	2.5757805	3.20636358	3.44039175	0.68133587	1.7386142	3.19819909
2.73709073	2.96983703	3.10874107	3.24982899	2.66309703	3.0274207	3.30177347
2.82537552	3.41437019	3.69471401	3.85907779	2.27621888	2.88291832	3.2005858
3.45301651	3.63047067	3.74762488	3.90991073	4.16975946	4.6238663	4.58557185
2.57379174	2.74330891	2.90722571	2.87113907	2.60397913	2.12073209	2.96986268
2.19651531	2.78915775	3.5013005	3.52222084	1.43418305	2.21949958	3.17106525
3.52251329	3.87980393	4.79920389	4.96782747	2.84597816	3.7159275	4.67238663
3.28946807	3.37832942	3.73131403	3.76548026	3.10630907	2.98788487	3.54145631
2.23960448	2.96801713	3.70778854	3.81409853	1.80986033	2.63660779	3.74367524
2.23724458	2.6252824	3.14055422	3.13000367	2.73848049	3.11157988	3.28556658
1.3663117	2.42520155	2.28541248	2.26823846	1.60546501	2.54115354	2.12008056
2.65505436	2.68018376	3.38917248	3.35629299	1.84640084	2.37325483	3.1675906
2.82879273	2.99693417	3.70668534	3.89330677	2.37720644	2.51314445	3.55308605
3.4827418	3.73221441	3.53916526	3.59539958	3.50592284	3.898227	3.90502087
2.15591348	2.15802231	2.11186119	2.21846138	1.50800218	1.48689682	1.57110598
1.88305836	2.14114915	2.89979037	2.90171197	1.14897199	2.00739371	2.82027709
3.61715021	4.07863157	5.05154623	5.15172832	3.24853557	3.39650937	4.62169127
2.74913766	3.00552185	3.56941225	3.68616964	1.32114094	1.84376472	3.46751737
3.32232881	3.72150911	4.31879436	4.39377224	2.78459917	3.29795769	4.33419131
0.97156589	1.5099493	1.65814972	1.64165496	1.39533104	1.41123837	1.89367195
1.22442566	2.62246802	2.95025059	3.15077815	1.41446844	1.39299504	3.22028487
2.57452363	3.42123188	4.18387445	4.24885964	2.37265758	3.05114251	4.14275629
1.62964672	2.06271453	2.58517095	2.79591101	1.78219952	2.28930398	2.21795445
2.59977335	2.9254477	3.47781493	3.58248206	2.29383152	2.77725737	3.42992867
2.2741345	2.49764479	2.80184041	2.81404877	1.89536708	2.77016677	2.91099606
1.65332644	2.64223111	3.07413647	3.29413159	2.27294352	2.39444564	3.34779037
2.99723983	3.56317009	4.19801415	4.28136891	2.06735952	2.95349785	4.22480741
2.2259479	2.93994626	3.44314206	3.67104821	1.09186944	2.33218898	3.45906831
3.34908945	3.87591631	4.34940935	4.32312642	3.27087448	3.69777688	4.4870314
3.42114116	3.72398667	4.31755002	4.28373252	3.43928124	3.61335307	3.98214513
2.0758478	2.27707966	3.09685143	3.22299382	1.62372764	1.87177118	3.14587262
2.68381256	3.02161213	3.54420078	3.57402517	2.70516187	3.04184249	3.51897825
2.4960861	2.95980865	3.4400647	3.5395033	1.9286685	2.89353614	3.49506048
2.21619355	3.1540259	3.80183495	3.83761704	2.54593433	2.61141784	3.6369898
1.56006064	2.1868398	2.47333881	2.57290751	1.50140662	1.75265479	2.55682851
2.23421093	3.01821877	3.62181708	3.69393358	2.76002005	2.74619942	4.21342615
2.48889949	2.8757043	3.12935827	3.21605505	2.71295014	2.57368007	2.80239573
2.00609721	2.99340255	3.79617593	3.86975527	2.20389879	2.76304293	3.86612642
2.44923195	3.08609811	3.85417571	3.97488019	1.86492705	2.765568	3.98454973

2.56022288	3.3964741	3.90393006	3.93890366	3.17313159	3.36966552	4.00063235
3.00204395	3.70180878	4.26791741	4.53028315	2.85135015	3.43182653	4.31039506
3.75097168	4.03586523	3.81036292	3.84976422	3.64011518	4.0922554	3.66578319
3.7199921	3.98213311	3.49879478	3.69545022	3.54582179	4.3161292	3.65263664
2.60193762	3.22101045	3.43001252	3.24890867	2.12020199	2.79555188	3.41730769
4.01607156	4.17135855	4.41996953	4.4980984	3.98316748	3.87507026	3.8100332
2.0160302	2.24259149	2.12952431	2.23417399	1.04566497	0.76134218	1.93131946
2.87994928	3.5889778	4.23929447	4.36119876	3.00272209	3.08516568	4.17577596
3.33880203	3.63731396	3.7289532	3.7778699	3.1329713	3.53836087	3.4822172
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3.91188719	4.20515619	4.46228879	4.3975776	3.33278219	3.7678161	4.35349434
2.13257717	2.59958555	2.88066235	3.01219276	1.9592464	2.35992164	2.96612833
3.50039174	3.8190766	3.73785047	3.87174106	3.48143415	3.74114234	3.81511226
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2.24052621	2.09513344	2.44597358	2.41853192	2.04144251	2.61486103	2.99736839
4.85008602	4.93978409	4.48257956	4.486905	5.14939118	5.47805814	4.74750336
3.92840362	3.87540732	3.62922336	3.66376277	3.91151036	3.74132117	3.21792025
2.75053554	3.08128851	2.83530628	3.07393019	2.33888976	3.35667927	3.31953393
1.02138273	0.48312939	0.90682417	0.67479704	1.00E-04	0.67874799	1.00E-04
1.00E-04	0.86208282	0.46655399	0.33123803	5.81968808	6.18470513	6.56571899
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61305258	0.4246923	0.34328003
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08421452	0.12267643	1.00E-04	1.00E-04	0.3053196
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26054201	1.00E-04
1.00E-04	1.00E-04	0.22171283	0.09999148	0.44340029	1.00E-04	1.00E-04
1.00E-04	0.30676823	0.12912311	0.12075613	1.00E-04	0.45330561	0.84602254
2.0545626	2.93916725	3.22434627	2.85813515	2.58151079	3.07984703	4.17589153
1.00E-04	1.10074453	1.18087505	1.04828148	1.00E-04	1.03770819	1.52583605
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3.09200621	3.14878845	2.88672484	2.90555762	3.22053553	3.04066381	2.95135492
1.00E-04	0.04336477	0.05088236	0.22973047	1.00E-04	0.25930142	1.00E-04
2.16792472	2.2625157	2.53754156	2.74115039	2.006698	1.96833799	2.17017326
0.46160484	0.48839512	0.98747955	1.48159042	1.12099103	1.00E-04	0.43298561
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87973627	3.15035207	2.96705801	2.98662555	3.45332819	3.18781253	3.39044373
4.32209737	4.61763637	4.27306823	3.92234013	4.7319731	5.06455483	4.7880708
1.00E-04	0.91345653	0.46976708	0.73123226	0.69043823	1.00E-04	0.38676995
0.93633164	0.82356621	0.7192448	0.94243466	1.1272345	1.42421848	1.4131703
3.5439479	3.55527413	3.51433083	3.45669644	3.10015968	3.54652081	3.53908268
1.00E-04	1.00E-04	0.05180353	0.04486851	1.00E-04	1.00E-04	1.00E-04
6.22257321	6.47885346	5.69195745	5.7005419	5.65198138	5.74528721	5.05997581
3.60211513	3.55025512	3.49272737	3.6232578	3.47602236	3.25897892	3.17766262

4.41758647	4.39986097	4.06562471	4.11535628	4.64300527	4.74364985	4.25015924
2.68596178	2.82103231	2.90790042	2.95275848	2.5968669	3.48602651	3.33978249
1.00E-04	0.2201583	0.61817464	1.03921346	1.00E-04	1.00E-04	0.58165963
1.00E-04	0.35770152	1.22030581	0.10265287	1.00E-04	1.00E-04	1.11943844
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.73882221	2.27665526	2.09463022	2.11397829	4.93759004	3.72072395	3.64100515
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0.21404326	0.24822595	0.10372226	0.22304299	1.00E-04	1.00E-04	0.28948344
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1.00E-04	0.14331604	0.17497061	0.1388552	1.00E-04	1.00E-04	1.00E-04
0.72894187	1.8632075	2.5472299	2.58722785	0.24496797	1.6132964	1.12180033
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1.00E-04	1.00E-04	0.07729125	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30758191	1.62342155	2.08061684	2.20278107	1.00E-04	1.4776788	0.96311874
0.36085953	1.54512672	1.14797507	0.90926048	1.00E-04	1.00E-04	0.50814514
2.60021183	3.49877773	3.9990092	4.0060176	2.362049	2.77874994	3.02767126
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3.13471332	3.22031468	3.52812435	3.44364839	2.49611784	3.1549757	3.63068874
2.31157937	2.54707439	2.17949432	2.16687552	2.4847779	2.53896803	2.35614935
3.48317168	4.01111009	3.73956822	3.86313041	3.82235627	3.89612721	3.85606455
3.18166489	3.38363768	3.601389	3.61037331	4.18284132	3.88631852	4.07799446
2.4439677	2.54272949	3.33712968	3.47750681	1.54900074	2.18309827	3.07459009
4.04806345	4.08183405	3.60886962	3.84254486	3.61995903	4.24102466	4.14211568
3.95227815	4.27647408	3.80882533	3.82734336	4.83130919	4.46385971	4.48995093
4.43010765	4.39464516	4.29352033	4.14512957	4.12532027	4.39070795	4.06188131
1.00E-04	0.35390979	0.12751838	0.17659524	1.00E-04	1.00E-04	1.00E-04
4.46922032	4.45790756	4.39906541	4.25870571	4.2710563	3.85513141	3.42791105
3.87205691	4.06382876	3.5587376	3.58467913	4.43916095	4.46543443	4.09928938
2.96108002	3.20962512	2.80875273	2.82131812	2.47073563	3.53539071	2.94450615
4.73881668	4.94025345	4.46216992	4.42609347	4.64953572	5.01942729	4.79274266
2.99106331	3.03902584	2.92717708	2.91893056	2.69287706	2.99518218	2.63948199
3.78623434	3.98223126	3.88597903	3.85751313	4.0747967	4.2073611	4.39028033
1.14123928	1.385009	2.05837433	2.02573216	1.00E-04	1.82243817	1.96027107
1.82889423	1.78545981	1.13661244	1.87001137	2.57062813	3.15008101	2.3036685
3.60109313	3.78007048	3.39617614	3.48663929	4.62422392	4.02119972	3.95568231
1.00E-04	0.57457557	0.13145608	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.79335066	3.31754454	3.01475809	3.16390261	3.07437912	3.40755801	2.92249271
4.16148586	4.27042395	3.70219807	3.69923191	3.91455708	4.05963492	3.68826387
2.86896105	3.32531592	3.06467444	3.10897451	3.40253398	3.44238375	3.04361758
4.30663795	4.54506437	4.87454794	4.82258629	4.46943656	4.87466115	5.33564108
4.0646055	4.24422279	3.75348621	3.64233856	4.89782887	4.85573225	4.44162454
5.06409302	5.25639024	4.96800566	4.86129371	5.43391305	5.55563425	5.2153315
2.84778652	3.13947043	2.85924831	3.09827675	2.98118495	3.64614221	2.91995838
2.91898231	3.13391113	3.07936848	3.36407347	2.54660829	3.11284338	3.13141679
1.00E-04	0.17851598	0.08726225	0.17678832	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13404905	1.00E-04	1.00E-04	1.00E-04
3.75555302	3.64391996	3.43654692	3.56428833	3.33124767	3.46703142	3.1790321
4.91365898	4.47718911	4.49588522	4.50785805	5.23620813	5.65345925	4.69289709
2.15265513	1.87566585	1.45266742	1.27979786	3.03001924	2.80007193	2.70109181
1.00E-04	0.49794218	1.00E-04	0.05152699	1.00E-04	1.00E-04	1.00E-04
1.99225667	1.69276991	1.69997724	1.72139431	1.41681184	1.00E-04	1.10719274

1.27178409	1.39608494	0.70923409	0.65009327	3.02986123	3.18890576	1.31992874
1.42311381	1.59693587	0.92128902	0.98282131	2.23364727	1.49602919	1.15907051
3.87369739	3.76302079	4.00827968	3.97829985	4.09458302	4.06902035	4.21897658
1.20362286	1.85488521	1.46221092	1.81381254	1.75995928	2.15267758	1.17163867
0.19693127	0.59264252	0.52100154	0.63757336	1.00E-04	0.57037758	0.89026325
0.36567567	0.95092258	1.6229423	1.99400734	1.00E-04	1.00E-04	0.47082349
1.08977212	1.74186981	1.11171206	0.86148694	1.00E-04	1.00E-04	1.17834268
1.00E-04	1.43106871	0.73645074	0.57169824	0.70997801	0.13071865	0.26662489
1.79276249	2.41713656	1.78023189	1.79468904	1.00E-04	1.72499752	1.92309317
1.00E-04	0.12518119	0.25191864	0.18224636	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.40795333	0.15936115	0.15292732	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53452566	0.57769363	0.63914625	1.00E-04	1.00E-04	1.52578808
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4490493	1.46129336	0.89822638	0.43456167	1.20116571	1.9184664	1.66558724
1.00E-04	1.00E-04	1.00E-04	0.09769816	1.00E-04	1.00E-04	1.00E-04
0.86158602	0.79784083	0.62243564	1.56081962	1.00E-04	1.11303424	0.66903244
1.12787956	1.47112521	1.29062876	1.22968798	1.00E-04	0.8498566	0.65782114
1.00E-04	1.00E-04	0.05686332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95043087	2.09157302	2.38648426	2.33852513	2.32055492	1.78978811	1.62451822
2.41811772	2.75173902	2.94758554	3.04822113	2.38561271	2.28223746	2.68732582
1.00E-04	0.36459825	0.04277473	0.06671806	1.00E-04	1.00E-04	1.00E-04
0.448688	0.27864306	0.17055221	0.04020856	1.00E-04	1.00E-04	1.00E-04
1.73506582	2.36975131	2.35157218	2.38303768	2.23218091	2.35742443	2.0065287
3.11778756	3.23891711	3.58568548	3.58658807	3.79499073	3.72117028	3.96826364
2.52329961	2.96192129	2.24231736	2.21113853	3.39452772	4.10423152	3.61411688
2.47322434	2.60656919	3.3152516	3.352384	3.63306428	3.17591243	3.6898681
1.57566092	1.30729041	1.63086226	1.64952493	1.28140342	1.38444373	1.22269925
3.92343468	4.33615588	4.22678392	4.45391386	4.16259016	4.52224217	4.48590959
3.70061485	5.42808886	3.5858611	3.5707988	4.22880415	5.55503575	3.79976572
2.87510398	4.39811422	2.75454128	2.69922097	3.714211	5.03325346	3.39225287
2.38708558	2.98293615	2.74917272	2.58149693	2.30611992	2.59370752	2.38298984
1.98370548	2.23516486	1.73569073	1.73699254	2.01058727	2.57313648	2.13689231
3.54279978	3.51943721	4.17281979	3.91695519	2.93591565	3.70200949	3.80451585
3.92146447	4.1504606	3.96679589	3.81066972	3.09505249	2.59079273	3.11754792
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.99735214	1.37979398	1.36493495	1.38687781	1.50208064	0.95915741	1.23920056
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.46842395	4.05885899	4.31464479	4.43419722	4.06729897	4.0147963	4.37633023
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6936816	1.82862937	1.48625124	1.58008925	2.16103373	1.77210548	0.54330307
2.28468607	2.48423383	2.33571965	2.46983757	2.33984669	2.15884621	2.27535732
0.94130142	1.59648558	0.94216462	0.84790847	0.91632913	2.16649661	1.22676896
0.38908114	1.4222976	0.77211214	0.73767293	1.90525039	2.49496615	1.83685551

0.48481975	0.08372266	0.14699795	0.14931492	0.56063254	0.27938516	0.28816756
0.5493041	0.06110646	0.23340726	0.50433829	4.57670579	3.9863631	3.0276172
1.00E-04	0.78387042	0.39967393	0.63555196	0.89600375	1.70421536	1.03874835
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50368461	0.80442929	0.47366793	0.57033926	1.91289832	0.56918881	0.20283809
3.15535732	3.53612499	3.08287676	2.91823349	2.48341846	2.64080707	2.34388046
2.52730785	2.76320071	3.38717072	3.33019806	2.37508959	2.23119652	3.01065868
6.53944609	6.49161136	6.17574902	6.2739942	6.74363215	7.09003665	6.64132365
0.5086654	0.15268492	0.36451841	0.33289062	1.00E-04	0.27710863	0.49683657
1.00E-04	1.00E-04	0.16024079	0.21996206	0.73378943	1.30241708	1.16536366
1.00E-04	1.00E-04	0.15821151	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04676004	1.00E-04	1.00E-04	1.00E-04
0.99993577	1.26638897	1.04722536	1.23410758	1.73419486	1.1377198	1.22888449
3.60666149	4.22582642	4.80957666	4.86206848	2.79502673	3.69512938	4.70649863
1.99534973	2.10479012	1.49748948	1.96622618	3.25223235	2.73952658	2.16667504
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.80304
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36782053	1.00E-04
1.26659838	1.79540749	1.7734529	1.6457417	1.28364589	1.90614478	1.61853599
2.42697677	2.33990132	2.1102964	2.12952071	1.77207685	2.51414311	2.67103275
1.00E-04	1.00E-04	0.15695533	0.16819437	1.00E-04	1.00E-04	1.00E-04
1.04253303	1.11215569	0.86264971	1.42208926	1.00E-04	0.32363251	1.35975307
0.35217536	1.00E-04	0.4637373	0.44246477	1.30695208	1.07712642	1.96428493
1.00E-04	1.00E-04	0.06413089	0.08549902	1.00E-04	1.00E-04	1.00E-04
0.64631001	0.28568217	0.17097837	0.0691276	1.00E-04	1.00E-04	0.56428433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42118009	1.23622514	0.95111659	0.81482104	0.48060496	1.14749491	0.86835368
6.2724513	6.12747568	6.0128859	6.04948685	5.87813923	5.79668901	5.47497062
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.81479704	5.23368347	6.20816421	6.4836482	4.12658037	4.48906371	5.74355406
4.56041021	4.86532397	5.79862061	5.94283737	3.88817958	4.35501548	5.48477115
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.17079261	1.00E-04	0.11780843	1.00E-04	0.70316282	0.39844144
0.17922381	0.20237072	0.46627024	0.50511027	0.54258268	1.10210552	0.5412691
4.63530008	5.15465963	6.04588429	6.1202253	4.1630649	4.63446149	5.91335521
1.14273445	1.96410082	1.74818041	1.95507094	1.1926025	2.1813254	2.41848368
0.65014204	0.34732891	1.01989118	1.41638633	0.67563513	1.35955061	1.90312851
3.05938881	3.28182061	3.20534012	3.14814947	3.86049432	4.66742227	4.03229916
0.43350944	0.30836803	0.24017855	0.32271761	0.69507273	1.19437751	0.30631903
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25752506	0.78817084	1.02404024	0.76806003	1.22941942	1.60010928	1.26297165
0.89205697	0.81047181	0.94174166	0.98369738	1.95426519	0.57501098	0.97825332
1.00E-04	0.28319007	0.58477758	0.28075408	0.65910354	1.00E-04	0.68596213

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06887763	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.99241162	3.23791969	3.51729432	3.51345583	3.04759887	3.342417	3.33998508
0.62924929	0.57410268	0.61286468	0.86725005	2.78020595	3.45445163	2.40170868
0.26044797	0.7212868	0.70662152	0.62024349	1.00E-04	1.00E-04	0.60113589
2.18531184	2.46492744	1.74612215	2.01069197	3.91545508	3.58478171	3.30050011
3.18543263	2.63778711	1.82882283	1.85675284	1.42569989	1.65349293	0.91378367
3.78413276	3.48648584	2.96944189	3.25337728	3.69675987	3.84296065	3.37875287
0.4120939	0.36636404	0.26331158	0.28599335	1.0138168	0.55783039	0.9227555
3.28655437	3.38475716	2.9803307	3.04237154	3.3208121	3.738346	3.19364546
0.76063355	0.41805859	0.3580822	0.40473753	0.54828133	0.63592686	0.63552561
1.00E-04	1.07238257	0.47290551	0.61597241	1.00E-04	1.6123512	0.28816756
2.51329646	2.41776127	1.78048895	1.93804047	3.47326041	3.20738108	2.95718084
5.31094684	5.33486953	4.67994742	4.84794019	4.22122665	3.86599895	3.48644184
3.83772072	4.58324857	4.01508038	3.26868445	6.55661054	6.64016182	6.05423416
5.30512694	5.24835327	5.26446239	5.168399	4.35761402	4.52939456	4.53198847
4.14659357	4.40415037	4.50795613	4.59593933	4.10455551	4.08345996	3.82274403
0.97530584	1.71337144	1.8171572	1.87700499	1.56657465	1.26066948	1.20580442
1.43131541	0.34771317	0.20977009	0.68453505	0.74910948	0.80512709	1.35055818
0.57351155	0.400866	0.86332164	0.66781346	0.35320673	1.55539356	1.09328142
5.39537028	5.4817754	5.14958176	5.05449715	5.79184385	5.83254177	5.49939436
1.46502058	1.3396235	0.68951631	0.84762622	0.87446197	2.15624114	0.8319612
0.3934012	1.56666907	0.90505714	0.6503937	1.09893951	1.18573686	1.3804528
3.87284123	4.21096807	3.59085492	3.44260155	4.68067856	3.82592553	4.21465407
1.00E-04	1.00E-04	0.34957157	0.25256191	1.00E-04	0.59690854	1.00E-04
0.38194997	0.27382945	1.00E-04	0.15105846	2.3785206	3.01524024	0.98999745
5.07352705	5.04298675	4.70817946	4.75742771	4.96981229	5.01911596	4.64361663
4.65753709	4.50877357	4.32332235	4.07953723	4.97664754	4.99576384	4.6386913
1.00E-04	0.15843484	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16998337	0.0737906	0.32967685	0.21740252	1.00E-04	0.26819566	1.00E-04
1.76009033	2.73137184	2.05657042	2.14002189	2.41011327	3.12836742	3.21529148
1.00E-04	1.00E-04	1.00E-04	0.11405532	1.00E-04	1.00E-04	1.00E-04
1.63274689	1.77115234	1.01200293	1.3311005	3.69703089	2.8466451	3.40011443
1.00E-04	0.37553328	1.00E-04	0.1181344	0.49775343	1.00E-04	0.48997172
0.55060909	0.26190299	1.00E-04	0.04347285	1.00E-04	1.00E-04	1.00E-04
0.238384	0.99201185	0.3163569	0.08386456	0.39382455	1.00E-04	0.67367647
1.00E-04	1.00E-04	0.35590743	0.12831293	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09366123	0.06318813	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.75278191	0.7349177	0.61385271	0.6397631	1.00E-04	0.32502076
0.47664494	0.1738076	0.33382935	0.40451247	1.03995521	2.37904555	1.92641073
1.10883725	1.81714462	1.34470295	1.67944491	1.47990335	1.17354041	1.7029334
1.26987984	0.85678722	1.04383463	1.19570311	0.69158286	0.88799613	1.00E-04

0.34603826	1.00E-04	0.12216715	0.12735864	1.15171541	1.00E-04	1.00E-04
0.17922381	0.58155159	0.6671148	0.65420376	2.26371397	1.10863853	1.32002111
3.96990556	3.97686739	3.69354621	3.63485897	4.17143246	4.05710278	3.7657923
1.3089819	0.35045008	0.57866121	0.32425405	0.34492066	0.44113625	0.21495559
0.10114823	0.19209306	0.14858313	0.0756187	1.00E-04	1.00E-04	1.00E-04
0.47193477	0.74176533	0.33372789	0.19942868	2.53117373	1.90303432	1.74170284
0.55373649	1.72918474	1.42847469	0.89852131	3.50630465	3.72245711	3.5476035
1.04946681	1.4464998	1.22969041	1.32005168	1.43396334	1.29976978	1.0891324
2.60979474	2.9032041	3.26326838	3.45732402	2.58750179	3.34713072	3.21411329
3.483518	4.16180751	4.88512703	4.95863806	2.58141896	2.83093594	4.17156486
5.11126717	5.35142745	4.96646761	4.89506582	4.24961481	4.5658109	3.91298677
3.94771196	4.04919804	3.75878482	3.59804717	4.45672118	4.10973643	4.29884055
4.058096	3.70636963	3.92681856	3.81492311	4.19708819	4.20304425	4.01470546
5.32130783	5.40153708	5.25593404	5.3416498	5.37441333	5.53366794	5.32046216
0.63905598	0.50259509	0.27301983	0.83088443	0.50894684	0.33235459	1.00E-04
2.0980866	1.36551141	2.05902071	2.13914174	0.71649841	1.5348281	1.88890755
2.89862033	3.3843358	4.08603149	4.1412653	3.09920918	3.01912271	4.12914052
4.49172073	4.73924034	4.2423624	4.28716081	4.82411878	4.67013797	4.30647188
4.25548816	4.06638484	3.98996529	3.98281559	3.77681156	3.5749376	3.867698
3.13165378	3.68392971	4.22060053	4.22339843	2.60926279	3.26261538	3.98526461
4.14687956	4.38653069	3.84313132	3.78651886	4.71723704	4.96770595	4.22610367
2.99396252	3.26100887	3.00266514	3.00534293	2.8532485	2.71154398	2.826573
4.61573962	4.77900673	4.33260633	4.43802112	4.28119254	4.36863815	4.21173451
2.48880922	3.17738308	4.02312669	3.91525186	1.43014251	2.54941459	3.83298253
1.45660593	1.38573045	1.59523966	1.45286527	2.1621983	1.85420306	2.005116
4.48859109	4.70207906	4.52705551	4.52010015	4.41362985	4.67503099	4.78362761
3.48754627	3.51600636	3.37271505	3.31522768	3.65950382	3.94462511	3.66298086
1.04725401	0.95783022	1.37322436	1.35835277	1.00E-04	1.46346992	1.5381895
3.78901966	3.7434649	3.94405115	3.94851913	3.25165442	3.85574058	4.19989649
2.36663414	2.97567428	3.2114496	3.04231436	1.77460186	2.73657607	3.05224812
1.00E-04	0.44055546	0.60958961	0.43520574	1.00639663	0.63412712	0.47748038
1.34863303	2.42528734	1.29891962	1.66845443	1.4106962	1.90766507	1.53227401
3.90571456	3.80703691	3.6489653	3.73202439	3.21720829	3.08545634	2.32766916
1.84058415	2.14436118	2.0330319	2.28307637	1.46671876	2.21370533	2.88293497
4.03858536	3.80448425	3.64487242	3.70165903	3.69751269	3.05698057	3.39321249
2.04299072	2.18435968	2.51617135	2.55150439	1.80102594	1.84283982	1.88279138
5.87419483	6.29712205	7.20587556	7.3217853	5.52040757	5.64722418	7.09919861
0.22838714	1.00E-04	0.11560043	0.43345582	1.00E-04	1.00E-04	1.00E-04
0.17727073	0.29245928	0.05156518	1.00E-04	0.74462267	1.00E-04	1.00E-04
3.09637942	3.22843681	3.01171278	3.07555149	2.88126582	3.51475632	3.07789274
2.47838908	1.96221083	1.7978375	1.86166073	1.17925068	2.09730685	2.60933523
3.30780388	3.35620472	3.20424778	3.23793006	3.96438814	3.92416258	3.68581513
2.9021297	2.58241574	2.54994391	2.44116398	2.95668293	2.8039691	2.5857931

2.73266759	2.717502	3.14099113	3.28630922	2.52172781	3.06837412	3.26720517
3.3142395	3.54026694	3.46106481	3.68853874	2.85870738	3.66385484	3.14023587
2.87048167	3.14049951	2.94801682	2.89186711	3.35167191	3.34079103	3.00757647
2.0298658	2.13884392	2.07479987	2.19845661	2.29206695	2.65282647	2.57406587
2.77117787	3.14031658	3.40124173	3.45710669	3.66806672	4.07818393	4.21481926
1.34560113	1.56666238	1.74822735	1.77393084	2.68745164	2.3397058	2.86198967
1.85659649	2.51294731	2.59533779	2.49202079	2.95376934	2.97259633	2.17291218
1.00E-04	1.00E-04	1.00E-04	0.08433764	1.00E-04	1.00E-04	1.00E-04
1.38323505	1.54090426	1.62768514	1.65616498	0.45086753	1.42408634	0.88942666
1.65977334	1.3642449	1.4595217	1.39435347	0.78094411	1.02912581	2.51041739
0.4195433	0.40776922	0.1279407	0.04221235	1.00E-04	1.00E-04	0.09760498
4.31858035	4.67385094	4.07780503	4.02263091	3.28463488	3.64769359	3.63585364
1.00E-04	1.00E-04	0.11016668	0.11429178	1.00E-04	1.00E-04	0.31671355
1.00E-04	0.84923054	0.68087093	0.35930626	1.00E-04	0.06695938	0.50180541
1.00E-04	1.00E-04	1.00E-04	0.07578277	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37267477	0.13981299	0.03644933	1.00E-04	1.00E-04	1.00E-04
1.15308316	1.32764772	1.26089414	1.61363598	1.7105444	2.17046481	2.45598946
3.1490865	3.61140046	4.16339981	4.15611449	2.94994959	3.00149848	4.01537734
4.62063748	4.81095373	4.94262179	5.01569771	4.55772023	4.7726522	5.05164387
0.34603826	0.22941981	0.66856676	1.11615288	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26697024	0.12240371	0.12078489	1.00E-04	1.00E-04	1.00E-04
5.48565471	5.52194148	5.52846218	5.60233629	5.14075093	5.28022699	5.32086436
1.02663929	0.95659234	0.98066724	0.60348351	0.90549191	0.93509614	0.70347893
3.0197407	3.62611745	3.63145315	3.65124972	4.06852865	3.97819334	3.61277545
2.65640197	2.76328083	2.59045286	2.52601741	2.55866233	2.35291816	2.41446068
1.86743456	2.38089267	2.28203895	2.51596473	2.09667048	2.65340451	2.19934178
3.86420853	3.85973425	3.83906814	3.96681541	3.63975662	3.78808091	4.10714006
1.38962077	1.36561903	1.77934412	1.68528019	0.77322435	1.54600617	2.5245162
2.79666172	3.09540702	3.07689831	2.90182928	3.76638486	3.75738669	3.61695871
4.16137628	4.57859892	4.44616642	4.55888494	3.98774058	4.30726643	4.16891319
4.03171215	4.10586098	3.73693407	3.57009019	4.23016316	4.61352275	3.93949386
4.15441972	4.5838006	4.79171229	4.64398433	3.84209098	4.21174779	4.64224231
1.18500832	1.54358298	2.25383001	2.19892434	1.1668518	1.12980943	2.31093851
3.46548544	3.59120841	3.32932764	3.3724616	3.09431448	3.46508918	3.1555918
0.28459308	0.20663674	0.38062623	0.27681854	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37746725	0.36756259	0.24496797	0.59411957	0.17016891
1.00E-04	1.00E-04	1.00E-04	0.06333132	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.05788221	1.00E-04	1.00E-04
1.93549056	2.40121301	2.69892453	3.00283346	2.14675608	2.19539542	2.54986489
2.03923607	1.8794067	1.85305428	2.02251617	2.78362106	2.04473285	2.37158198
0.9822768	1.3747079	1.51318902	1.43056731	1.4718588	2.74748786	2.82082028
0.42077511	0.74995308	0.78661613	0.8038263	1.00E-04	1.08413995	0.09464396
0.44932855	1.00963299	0.51616972	0.41892018	0.38091442	0.66096355	0.35459209

3.03230792	2.67656977	2.79321119	2.69613404	2.52475313	2.43929395	2.40595595
2.00911214	2.54638317	3.35930883	3.39352501	1.58266943	2.23244194	3.39240003
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3.76455816	3.97308415	3.4501789	3.47718644	4.46044842	4.85303966	4.31249517
4.40261131	4.3425767	4.24430187	4.36596045	4.01757941	4.4954685	4.01398225
3.82603456	3.88656765	4.01554189	4.07972007	2.96583317	2.76133168	2.728037
3.78429849	3.9515185	3.70688282	3.95041074	3.85564072	4.20847997	3.78334395
2.01328404	1.75115495	1.6735509	1.82231982	0.78094411	2.53473405	2.52207357
1.07651804	0.0998875	0.34881934	0.56731673	0.54828133	1.00E-04	0.48087694
1.00E-04	1.00E-04	1.00E-04	0.12849273	1.00E-04	1.00E-04	0.23172291
0.12130432	1.00E-04	0.03999544	0.07113359	1.00E-04	0.18597055	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11565659
4.0621421	4.36632632	4.04608055	4.21591135	4.15543366	3.97592558	3.90634519
5.06737471	4.9544396	4.24904239	4.03903424	2.99655704	2.55733192	3.0130693
4.15277043	4.78014429	4.44891809	3.18499974	1.3180344	2.0532789	3.06847058
1.11207581	0.89835059	0.82115142	0.78374749	1.79000541	2.08288444	2.17752254
1.00E-04	1.00E-04	0.03749252	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3346654	2.52851511	2.28769831	2.09133256	1.89541817	2.06153015	2.18500632
3.78729577	3.99300269	3.57329906	3.67238875	3.38585243	3.39676257	2.94449232
1.89960386	1.8739068	2.11392511	1.89986834	1.36284242	1.95688963	1.59099963
3.15428937	2.73544947	2.20452545	2.5496444	2.3773298	2.70483437	1.55827671
2.68132537	2.77939836	2.57633228	2.45593389	3.04003479	2.83980592	2.99945257
2.07422529	2.5622368	2.49599752	2.43658257	1.85222805	2.72841103	2.58463447
3.78630066	3.97864272	3.60404226	3.62213829	3.649221	3.73297199	3.53966605
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.65818316	3.74368482	3.52060484	3.54194723	3.59767252	3.55829289	3.04207744
0.54804672	1.44633126	1.44919749	1.37356873	0.86340977	1.00415079	0.7354565
2.84074035	3.0688776	2.58764895	2.66832594	2.22095586	2.80899943	3.43082925
1.90942171	2.32550087	2.57696626	2.78425327	5.15617532	5.47638579	5.36024323
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2.96450283	3.31584641	3.82447163	3.66880743	2.88626844	3.20238027	3.8174712
4.69232062	4.94060655	4.82232022	4.85960941	4.49671043	4.56433606	4.46193579
5.28847561	5.31628728	4.86659288	4.76673728	4.24788026	4.33858357	3.9753168
0.14193279	0.95993429	0.5980101	0.66129804	1.00E-04	0.66477992	0.82967497
4.35645108	4.3349561	4.34038324	4.29480556	5.30992141	5.36771132	5.16824506
0.4252828	0.53577673	0.42543552	0.66404531	4.0168231	3.77272727	3.94695204
2.74214191	2.55900289	2.49239504	2.51272839	2.44044441	3.33016885	2.71399267
1.22874791	1.34104688	1.24951472	1.36279592	1.04089389	0.50176811	1.85982465
5.55430647	5.68815569	5.69504733	5.82113072	5.16989885	5.19865155	5.49074881
2.67634786	2.67048391	2.68685894	2.74581824	2.62755604	2.43425124	2.65861449

1.00E-04	0.28505171	0.09647653	0.24154138	1.00E-04	1.00E-04	1.00E-04
4.63446837	4.98010877	4.60799982	4.51840709	4.56301147	4.7289672	4.52413445
6.10580879	6.21380994	5.80305546	5.69876248	6.0295032	6.30497997	5.67043507
6.3914692	6.70074185	6.09514326	6.17653292	7.3273058	7.69351795	7.1460954
3.59664962	3.81209237	3.89557112	3.83351782	3.38976273	3.5769957	3.85510662
3.20617622	3.39605649	3.25815067	3.40514805	3.16132658	3.74086446	3.0640781
4.96485305	5.11908348	4.60347322	4.58633072	4.62812812	4.98279762	4.37911129
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4.72274057	4.5071528	4.25865034	4.35296943	5.09972527	4.96889213	4.11923598
0.98232384	0.19941332	0.57353343	0.61080113	1.00E-04	0.1982747	0.25370611
1.35596534	1.91968954	3.18704491	3.25719342	1.46373759	1.61513941	2.72956953
1.00E-04	0.42885786	0.154008	0.19924969	0.51102197	1.00E-04	0.44912359
1.00E-04	0.11363526	0.21030947	0.13765404	1.00E-04	0.47294151	1.00E-04
2.89365651	3.1093189	3.13249561	3.18459748	2.6127198	3.08395116	3.395065
3.05113577	3.46901154	2.93018155	2.70642389	2.55505624	3.28459569	2.81181566
1.79140252	2.307975	1.97341375	2.31291103	1.00E-04	1.70192018	1.26245452
3.33992915	3.44877788	3.35376586	3.29164573	3.87394304	3.39490639	3.16181521
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5.21459828	5.51451602	5.51427473	5.50762179	4.27885161	4.67666891	4.77915918
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25871909	1.00E-04
1.16355355	0.85667213	0.8304114	1.10597759	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	0.15174552	1.00E-04	1.00E-04	1.00E-04	0.2210583	1.00E-04
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1.14753487	1.64825804	1.65973209	1.93088307	1.00E-04	1.71073948	1.44247934
3.67450017	3.72653103	3.66029896	3.62644344	3.12052133	3.20427968	3.29727785
0.76461787	0.44049074	0.25861663	0.44446527	1.00E-04	1.00E-04	1.00E-04
0.81836961	1.20921791	0.86649439	0.5543516	3.87689833	3.80052075	2.72797377
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0.76508004	1.00E-04	0.48407156	0.2465283	1.00E-04	1.00E-04	0.220236
3.36746602	4.04373118	4.95063361	5.0441914	3.39548098	3.6485384	4.74017077
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3.90770901	4.52912786	5.43538786	5.46406575	3.69957519	4.46497788	5.45846422
1.00E-04	0.24154941	0.04415806	0.06277651	1.00E-04	1.00E-04	1.00E-04
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3.13446217	3.53037999	4.23451768	4.41193748	2.23932958	3.07609736	4.31603092
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3.48857789	3.59054634	3.66963422	3.67331291	3.8683458	4.01915586	4.0939202
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3.85427439	4.08592226	3.82544116	3.76493874	3.60138372	3.96446541	3.61191668
1.88755711	2.70398194	3.540324	3.7375306	2.44005476	2.53193153	3.45917668
2.62846451	2.93021612	3.30495864	3.46675409	3.00541132	2.87289186	3.57552473
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3.5630629	3.97897568	4.94666817	5.0105986	3.5211733	3.70143881	4.68497778
3.38702909	4.0287961	4.87279853	4.93290205	2.86704876	3.38325463	4.56305879
3.05484334	3.75673676	4.66064976	4.65553321	2.3143952	3.34203119	4.4139669
3.88960555	4.42752547	5.24763815	5.26053588	4.25176502	4.14686874	5.14392438
1.10738764	1.40499151	2.49177063	2.55279593	0.97662386	1.45189939	2.22040021
3.36212807	3.92437566	4.89378028	5.05719547	2.57965868	3.39315037	4.55092824
3.1710352	3.38021925	4.25312211	4.3233766	2.69229583	3.47514661	4.30876907
3.3857345	3.58920405	4.47544009	4.54480724	2.79794153	3.26831764	4.19434099
3.38876693	3.99954226	4.75650014	4.72999078	2.68921284	3.14498818	4.48464466
3.3918033	4.07534181	4.60631724	4.6996336	3.1315392	3.85535849	4.64243699
3.88172608	4.37628004	5.0188031	5.2287905	2.94504244	3.36648543	4.48741379
3.55389537	3.95628385	4.71871719	4.89309908	3.03989219	3.61819806	4.40931379
3.34506415	3.94312049	4.72468735	4.76843379	2.56449346	3.65414547	4.63693591
3.55651958	3.88076649	3.65573215	3.8111863	3.46345694	3.90078453	3.52069609
2.9986106	3.38052842	3.81707032	3.97641163	3.22023576	3.43226517	3.96713812
2.86844367	3.4696469	3.9769645	4.04848798	2.4704733	3.1793195	4.0597074
4.18292138	4.27904312	4.38318885	4.36273797	4.04269341	4.56312682	4.42732392
0.44884205	0.45311487	0.09115012	0.36293622	1.00E-04	0.35770721	1.00E-04
3.24360573	3.92283044	4.53306597	4.5473091	2.86670109	3.38063229	4.09165053
3.10849538	3.76326117	4.3603529	4.4479919	2.52096677	3.21852655	3.97214474
3.09929321	3.67893386	4.18736193	4.28217137	2.85650897	3.45389297	4.64948971
2.71088028	3.04215936	3.45990735	3.54470327	2.08681632	3.02466233	3.68379728
3.96328946	3.98138347	4.03259098	4.17378706	2.97676988	3.90249708	3.78153867
3.25368248	3.21961888	3.81986068	3.75085163	2.93787094	2.85549366	3.56397806
1.57387099	1.63028359	1.56711359	1.57230756	0.63583153	1.99869583	1.67083012
0.94270922	2.90538873	1.26266828	1.30508075	1.19462257	2.17148048	1.59214943
0.464358	0.18742402	0.3370155	0.23790386	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.49199122	0.1014241	0.14641666	1.00E-04	1.00E-04	1.00E-04
1.01146335	0.6374343	0.8491176	0.71721892	0.54828133	1.40232	0.98872826
3.20811143	3.37363947	3.1531283	3.23710432	3.57959968	3.43357567	3.27158881
3.32851319	3.67747596	3.7665571	3.84435241	2.86804394	3.65106693	4.16545314

0.70101516	1.28636832	1.01832886	0.95928811	3.23207266	2.17577476	2.373855
0.4122081	0.57485312	0.89328661	0.93355137	0.35320673	1.56056475	1.57519186
1.36614767	1.00608741	0.77560332	1.10411025	2.43209011	1.55403225	1.00E-04
1.00E-04	1.00E-04	0.15510268	0.20349634	1.00E-04	0.26855651	1.00E-04
3.09734813	3.30069385	3.01231817	2.99143375	3.13535805	3.42284453	2.94511844
4.76889652	4.54184364	4.46232565	4.45104434	3.52500047	4.02102008	3.32141877
5.58907074	5.46798081	5.27637495	5.11602257	6.22337864	6.28103989	5.55174796
3.79950556	4.29855942	5.14125743	5.21091052	3.69843057	3.99863989	4.93604311
5.88593196	6.10911654	5.62843596	5.66915646	5.62336306	5.95850434	5.55314455
1.00E-04	1.00E-04	0.04355037	0.04741845	1.00E-04	1.00E-04	1.00E-04
0.32126453	0.19418937	0.45880177	0.46338292	4.34458887	3.31360958	3.01030721
2.64372409	2.26197308	1.82535144	1.88370867	2.61073334	2.11379402	2.19679895
1.8840291	1.55197689	2.11251015	2.39724062	2.04652265	1.93295346	2.06759551
1.00E-04	0.18508902	1.00E-04	0.08772728	1.00E-04	1.00E-04	0.22577116
4.44955777	4.54718804	4.23332704	4.29109133	4.12417476	4.56989838	4.0260743
4.00306839	4.22329936	3.92680137	3.55474684	4.20863569	3.95889514	3.90181814
1.37865295	2.74898452	1.45734093	1.86006008	0.38488463	2.84885464	2.4175547
1.00E-04	1.00E-04	0.04552573	1.00E-04	1.00E-04	1.00E-04	0.94335854
2.40738538	2.30316576	2.02570013	2.40159783	1.25708387	2.12795016	2.4810433
3.20421675	3.41566392	2.88797441	2.8968233	2.95105318	3.24020337	3.35446713
0.95616154	1.04529803	1.03839641	1.00562918	0.9817897	1.38072221	1.7465521
3.05551292	2.86104418	2.74015714	3.01538048	4.21290342	4.27774481	4.17318431
5.84038066	6.04963636	5.67864959	5.55310502	4.82181431	4.98225844	4.76165159
2.00898005	2.38372334	1.92913695	1.9074387	2.41948741	2.91923688	2.48236156
3.68652283	3.92030068	3.51150115	3.49736061	3.73545372	3.90226629	3.60566919
2.82428494	3.23944331	2.86993313	2.97356095	2.43940358	2.47218323	2.81031735
3.22077805	3.322849	3.42800564	3.61711616	3.21487965	3.08287065	3.10587288
2.9235165	3.11591777	3.10295882	3.17778309	3.20945241	3.35339525	3.62632337
2.61761668	2.9864629	3.22652852	3.27531138	1.83723325	2.54477422	2.78627702
0.26830142	0.72602966	0.59356569	0.73794891	1.00E-04	0.76481406	0.76822139
0.35757121	1.00E-04	1.00E-04	0.30216913	1.00E-04	0.94592299	1.13327938
4.9072495	5.015485	4.81025364	4.77109539	5.29584928	5.15582789	5.21520628
1.63410051	2.38087236	2.0695781	2.1452066	2.95279293	2.82733745	2.98298251
3.4195456	3.75575781	3.83864497	3.82798063	3.37877866	3.77684186	3.29917623
1.85938297	1.89907918	2.48165177	2.49095348	1.54493553	1.76554865	3.16579341
1.46537808	1.16212795	0.25541133	0.77500639	0.39382455	0.18876419	0.43921292
2.79903092	2.46049302	2.42891991	2.45251575	3.05866761	3.22740434	3.27831204
2.33367677	2.85621821	2.56944529	2.64972293	2.68664211	3.1785773	2.99289079
1.00E-04	1.00E-04	1.00E-04	0.04244309	1.00E-04	1.00E-04	1.00E-04
2.2637056	2.25139853	2.19101313	1.74065034	2.73662151	2.98196574	2.16797575
1.43744298	1.99154931	2.2618869	2.2589482	1.14127883	2.16859873	2.624024
1.9244212	2.14483283	1.56351753	1.7546633	1.68688619	2.42095243	2.08460832
2.15301555	2.14408123	1.8908692	2.33783802	2.57964699	1.6414634	1.66773219

0.78894442	0.23921457	0.32231753	0.28800968	1.00E-04	0.28191199	0.2166229
1.00E-04	0.89714535	0.69793988	0.75518043	0.34492066	0.21159524	0.92687434
1.00E-04	0.39246869	0.15713108	0.06848386	1.00E-04	0.31559802	0.63837203
1.80665118	2.75919589	2.18661311	2.31955481	2.16700657	2.65465424	2.13400983
1.60909837	1.20782085	0.48009014	0.70222312	0.61280452	0.44062974	1.00E-04
2.09511238	2.0196041	2.22644487	2.5072139	2.16620279	2.12818716	2.24013368
4.8464138	5.28386988	4.60212155	4.50334059	5.38177193	5.47147812	5.18344109
4.10131515	4.14959456	3.88533582	3.85716797	4.2976432	4.12477037	3.86797071
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5.73847757	5.87205492	5.52814096	5.50767458	5.73022383	6.25874154	5.54319289
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22007735	0.29499909	1.00E-04	1.00E-04	0.08557164
3.34062149	3.34449706	3.46817621	3.50508949	3.2662867	3.06531454	3.50900625
3.96538474	3.9597821	3.87108104	3.97876035	4.43313916	4.50346513	4.30034811
2.69408637	3.27086067	3.3007907	3.36473864	2.56786663	2.71858162	2.88546169
2.66763093	2.87910369	2.45646127	2.9302966	2.47774756	3.07150568	2.62179526
0.95737692	1.64534428	0.78282789	0.75362849	0.24496797	1.97092561	1.00E-04
2.96801572	3.30160002	2.93208026	3.31731308	3.05917888	2.86362589	3.11715764
3.20239736	3.59560304	3.37815804	2.7018117	2.99832551	3.17289912	3.41928217
1.00102009	1.10630972	1.07959358	1.35560085	1.5789377	2.93774447	1.85513385
4.90273054	5.00447139	4.51432369	4.44305568	5.73520452	5.77419204	5.45980599
0.21690073	1.00E-04	0.04622198	1.00E-04	1.00E-04	1.00E-04	0.26662489
4.07122882	4.76669925	4.6304311	4.36514222	4.16968333	4.42951205	5.15495499
2.9642397	3.81630435	3.98879391	3.74624018	3.11519188	3.53938164	3.88082382
1.92771695	1.98942612	2.04287302	2.28021262	3.3322879	3.72517254	3.55480022
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1.22030968	1.9236698	2.11574499	2.17262354	1.94718622	1.88956743	2.5433252
4.61928825	4.9666646	4.32480892	3.93697459	4.6050649	4.6936742	4.95300502
3.10642388	3.19540715	3.30117413	3.37882056	2.99681032	3.62080862	3.1265777
2.29610119	2.60261482	2.20631291	2.53615036	2.65621821	2.78144165	2.33513775
3.35619123	3.53887255	3.68211692	3.71449509	3.84315609	4.09565198	4.07387012
4.30619904	4.50190453	4.06950457	4.21487099	4.80236154	4.89352705	4.4079611
3.02874471	3.36260856	3.03444097	3.04327118	3.15364704	3.5045536	3.31325391
3.38093198	3.42179857	3.45638668	3.57311641	3.11698045	3.53008221	3.50703392
2.92135885	2.99248491	3.46530365	3.57164733	2.55021735	2.77526454	3.32430509
4.08610082	4.53242843	4.18804936	4.08723916	4.72049749	4.79573163	4.51958838
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1.00E-04	0.2963467	0.29675221	0.30583861	1.00E-04	1.00E-04	0.79223293

0.22749014	1.00E-04	0.09857232	0.1707584	1.00E-04	1.00E-04	1.00E-04
0.68336737	0.77416385	0.1614257	0.32029342	2.46098778	2.02670918	2.13787875
4.34356242	4.39546466	4.12710508	4.14052268	5.58508819	5.29017009	5.09501204
3.3065379	3.62272534	3.78295549	3.93065948	2.47550549	2.91200454	3.52465746
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1.00E-04	1.00E-04	1.00E-04	0.17310834	1.00E-04	1.00E-04	1.00E-04
0.37102211	0.23881798	0.29764952	0.26620485	1.00E-04	0.83473207	0.5063423
3.41889138	3.62789887	3.3239486	3.50254699	3.56066555	3.92666896	3.74688224
2.8866783	2.8194103	2.77438031	2.78202	2.94974039	2.87545444	3.1556859
3.07507726	3.47225048	4.19051196	4.38137581	2.56640394	3.29640298	4.16056651
1.00E-04	0.81326092	0.38926326	0.37448438	1.00E-04	0.70661923	1.00E-04
2.56442869	2.3731694	1.8550438	1.91797588	2.32969687	2.40235953	3.1866228
2.91856904	2.21266069	2.41050518	2.56229456	1.00E-04	0.1982747	0.90080911
1.49289669	1.65946109	1.85095861	1.74850102	1.77353496	2.50779451	1.99446462
1.70975436	0.71582885	0.52805575	0.87759878	1.16337086	0.92232513	1.40993773
0.95091006	0.6406163	0.74206511	0.98011086	1.68831334	1.24662912	1.15970394
3.42281543	3.66540496	3.73046506	3.79697587	3.71476136	3.87892392	3.87659996
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0.73783215	0.55033217	0.65278147	1.01179415	0.80006359	1.00E-04	0.84957506
4.97383615	4.74181073	4.46557437	4.41026406	5.77095608	5.82933234	5.31031488
2.64553331	2.5031136	2.8445602	2.94206884	1.99175645	1.7291816	2.59476717
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2.09269487	2.69795707	2.82418466	3.04808	2.0080486	2.7908532	2.86157676
3.13156566	3.20115981	2.81448669	3.11367754	2.76405162	2.79146191	2.64059087
3.79024956	4.05460146	3.7724161	3.78648423	4.92318378	4.78020939	4.50791353
0.58001553	0.7096678	0.66611098	0.45796803	1.00E-04	0.92670017	1.00E-04
0.46136796	0.37623036	0.42049407	0.64502915	0.98717805	0.34543859	1.76499595
3.80488938	3.85506836	3.60935	3.66197289	3.77095782	4.21076085	3.75997648
0.8882004	1.34650839	0.44101353	0.52198899	0.48823099	1.00E-04	0.15149617
5.95100126	6.22342239	5.82136534	5.76647658	5.89845116	6.17591838	5.84002163
1.5951191	1.95523902	1.92324265	2.00371357	1.01801538	2.00955179	1.08835381
2.5770387	3.02655694	3.05109926	3.20723964	2.15923497	2.57776332	2.74922656
0.45319109	0.84002548	0.85354956	0.66505384	1.00E-04	0.77963487	1.02149969
3.72496172	3.94445823	3.39373034	3.43315938	3.33370041	3.30606504	3.37970226
1.52247276	1.75411985	2.2997566	2.29337726	0.77705084	1.53030669	2.0734981
1.89892621	2.40234485	2.8129368	2.95879796	1.35224369	2.11997471	3.18329266
1.00E-04	0.26932623	0.39229961	0.0397794	1.34847248	0.37628401	1.00E-04
0.8385455	1.4107142	0.59155963	0.64822373	1.00E-04	0.4787038	0.6016787
0.14248997	0.28759977	0.33323422	0.40011632	1.00E-04	1.00E-04	0.50239181
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.95033501	3.18364007	3.41823988	3.53777842	2.93383649	2.76678376	3.41561415
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1.00E-04	0.66318183	0.16999867	0.32739637	1.00E-04	1.02462442	0.33088828
2.70880349	2.08780287	1.81480225	1.86473234	1.00E-04	0.29937888	0.11699513
1.07693366	0.91415412	0.179146	0.50656672	0.41241033	1.00E-04	0.48880438
4.50790056	4.60875573	5.01079676	4.84040466	1.00E-04	0.71905192	1.28844129
4.69681203	5.36601195	6.31272776	6.03053183	1.00E-04	0.29138547	1.24372903
1.71367386	1.86085717	1.89371278	1.79740875	1.91747666	2.53224754	2.64880897
2.1691735	2.09595366	2.12553647	2.20106104	2.30929721	2.5953215	2.7154439
1.57839484	2.37810856	1.96566529	2.15654351	2.2050167	1.59618719	1.23847348
2.99225682	3.28325811	2.86587604	2.86368435	3.80037166	3.26573703	3.28488512
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.72435639	0.13214088	1.00E-04	1.00E-04	1.00E-04	0.3937581
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43177254	0.712136	0.65135283
1.00E-04	0.17883191	0.08012439	0.11540223	1.00E-04	0.34850681	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.5290287	1.62054783	1.90238938	1.90515791	1.00E-04	1.41769058	1.60412846
1.14060593	0.8110611	0.53498149	0.37622669	1.21224133	0.88102255	1.00E-04
1.01029883	0.40064978	0.30520148	0.33305035	1.10253211	1.00E-04	1.00E-04
1.68709444	2.52649919	2.44844876	2.36369549	2.04945234	2.73177012	2.72433327
1.00E-04	0.558323	0.11185891	1.00E-04	1.00E-04	1.39347045	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15004258	1.00E-04	0.48521089	1.1785142
4.2554048	4.47758441	4.02114703	3.88265139	4.72932349	4.83406663	4.3893553
3.43017744	3.34697044	2.97382097	3.2774921	3.16856998	3.42554422	3.36325047
4.37901919	4.42527748	4.3422632	4.40691546	3.65974744	4.30212775	3.80540474
0.82465053	1.52507165	1.56397139	1.91147712	1.07483254	0.8631359	1.88785572
5.27588844	5.5338815	5.16098042	5.13926399	4.88786294	5.3764539	4.67544106
0.37683309	0.78472738	0.82848193	0.92975362	3.97109633	4.31078992	3.63860893
1.00E-04	1.00E-04	1.00E-04	0.09722212	1.00E-04	1.00E-04	1.00E-04
0.50291283	0.1570972	0.15993748	0.13116944	1.00E-04	1.00E-04	0.6931385
1.00E-04	1.00E-04	1.00E-04	0.07574168	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19574143	0.06191627	0.06619654	1.00E-04	0.30728869	0.76304285
1.00E-04	0.19232783	0.61989032	0.25095598	1.00E-04	1.00E-04	0.3937581
1.02927403	1.10197586	0.84297517	0.86217008	1.82494188	1.93779547	1.53733347
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82684768	1.00E-04
1.00E-04	0.79281935	0.0560925	0.34480854	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10673033	0.52889814	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08193739	0.088928	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57006484	1.00E-04	0.25096008	0.35320673	0.51556887	1.00E-04
1.00E-04	1.00E-04	0.41926461	0.12902574	1.00E-04	0.31965103	1.00E-04
1.98536399	2.17658301	2.22253949	2.37737518	2.00518557	2.71552215	1.97949541
1.57645145	1.16596425	1.97738568	2.00755665	0.82174011	1.74198205	2.05819923
3.46826245	3.49676709	3.40135398	3.53548977	2.79973985	3.51321438	3.28742509

2.17393791	2.82391851	3.15039513	3.37585669	1.72026048	2.39161648	3.08249092
5.26969263	5.53912215	6.46833557	6.60899273	5.03243497	5.37094301	6.77831513
4.52520863	4.94170668	5.35019506	5.58631585	4.36671227	4.71505522	5.32820619
1.79022623	2.88459174	3.62293318	3.75341149	2.25868257	2.36256507	3.71709265
1.00E-04	1.24201869	0.51830325	0.69066198	1.00E-04	1.25375071	0.41306813
3.34222537	3.64490076	3.67009069	3.92612146	3.45782255	3.40559795	3.42826585
3.3992924	3.75821267	3.20864097	3.225009	3.91249157	3.68947913	3.40559462
1.00E-04	0.30815576	0.08170511	1.00E-04	1.00E-04	0.1982747	1.00E-04
0.21375378	1.59854511	1.41381263	1.35099018	1.31676442	1.17075731	1.7331867
2.83493546	3.67945542	3.72861311	3.83877836	2.86557601	3.28144868	3.13994924
2.18678392	1.9363293	1.83600157	1.68783514	2.23819596	2.22028841	2.19758994
0.28742455	0.25129508	0.27614573	0.19328848	0.61856275	0.69368255	0.43366316
2.75404342	2.44407637	2.42985963	2.45011547	3.46855032	3.28542818	2.91048544
2.33521895	2.53232831	2.85372194	2.90894849	2.76779749	3.12801785	3.20031803
1.55950283	2.0043836	2.21858869	2.17222727	2.37510351	1.48601816	1.54428583
1.00E-04	0.36646516	0.0534719	0.10498725	1.00E-04	1.00E-04	1.00E-04
0.24193707	0.26684743	0.18715346	0.11455549	1.00E-04	0.51556887	0.50509948
4.18152527	4.07552736	4.18066655	4.25846894	4.19873014	4.15486524	4.05468939
2.5428582	2.65506369	1.79932743	1.99107631	1.00E-04	1.60478348	1.105006
1.00E-04	1.00E-04	1.00E-04	0.03677541	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37020985	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28953729	1.00241921	0.54751104	0.60931621	0.61235854	0.35973677	0.77743225
0.36390241	0.80455779	0.04994696	0.07735623	1.00E-04	1.00E-04	1.00E-04
3.94078519	3.90340994	3.78529265	3.68862235	4.28487994	3.77979739	3.90030744
3.02367178	3.1433099	3.13462317	3.11361799	1.85873606	2.66247513	2.88365256
2.37064541	2.61541911	2.81724776	3.00809604	1.79512339	2.50822918	2.77740776
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.13044785	3.34563232	3.24640229	3.26618434	2.62616605	2.91419393	3.35448035
3.61693611	3.63199127	3.39573658	3.65693174	3.95781038	4.00912819	4.04396675
1.67574423	2.0153332	1.8174281	2.15223171	1.97114658	2.10824292	1.59314159
2.25021316	2.02013161	1.88691594	2.04074799	1.20377118	2.64761191	2.59067499
1.61994358	1.39527325	1.81154223	1.79290783	4.35476705	3.85471979	3.83640603
0.78650424	2.22431418	1.30666699	1.77405431	2.69483164	3.01318581	3.25722361
0.82124485	1.00E-04	0.57262302	0.51362473	1.00E-04	1.00E-04	0.7991474
3.7995865	4.08741121	3.72719354	3.6573722	3.81432303	4.16162074	3.62812529
3.13446954	3.44957102	3.06944725	3.16800084	2.72162906	2.90356398	3.03210968
2.66245697	3.06507182	3.47347213	3.44039259	2.34666238	2.50914099	3.04981747
1.00E-04	0.33267273	0.26330275	0.27635993	0.38530742	1.00E-04	0.72534148
0.27968057	0.36314483	0.06889022	0.05299239	1.00E-04	0.11466061	0.16770769
3.87253106	3.81981229	3.369056	3.32717596	3.6714597	2.63822607	2.72970268
1.65801033	2.26774797	2.04703882	2.14773521	1.07616235	2.14023574	1.38214068
3.99864076	4.28689485	4.57022193	4.54191988	4.05136615	3.79924993	4.31786019

3.95266758	4.15240391	3.94848723	3.95283072	3.60916255	3.94691402	3.99628443
3.19879185	3.46898728	3.06109702	3.10111881	3.1789478	3.20418941	2.87677982
2.95479735	3.55290177	3.3310461	3.57595501	2.68002004	3.39673857	2.99071359
3.6132835	3.60826004	3.47223792	3.42455342	3.65938547	3.50695181	3.43989459
4.26295712	4.31432604	4.28824159	4.26708097	4.02703516	4.29052075	4.36377107
3.81763448	4.28215966	5.26995354	5.35671266	3.20838078	3.76557443	5.02798901
3.46571614	3.62309162	3.45026948	3.45694299	3.61303298	3.78985691	3.36059686
1.44998933	1.66523735	1.7653511	1.85516119	1.25486122	1.12467881	1.51678227
2.78189166	3.36865151	2.88312313	3.09092985	3.01216777	3.25186399	2.67765915
4.59313386	4.99111308	5.50850379	5.64592986	4.31806013	4.25747165	5.02562666
3.54011179	3.95678203	4.003514	3.90857983	3.48853043	3.55326918	3.74319009
4.51458786	4.81547014	4.50304296	4.49354767	4.70114531	4.76468393	4.50515275
2.05993546	2.23986086	2.27664628	2.21573068	1.66962332	2.37036037	2.30109374
1.00E-04	0.21734167	0.13473401	0.31208377	1.00E-04	1.00E-04	0.58717529
3.1920687	2.82816865	2.78962607	2.49626045	1.8873083	1.8415929	1.88439097
1.00E-04	1.00E-04	1.00E-04	0.0446036	1.00E-04	1.00E-04	1.00E-04
0.42878653	0.46508702	0.6448067	0.7758389	0.42197018	1.00E-04	1.00E-04
2.79992319	3.27952402	3.7573302	3.74974124	2.90779786	3.06576794	3.36820527
1.53119351	1.71225935	1.64944733	1.61634806	1.76378763	2.59801885	1.21687356
3.72314773	3.73806142	3.42794222	3.52312114	4.23645886	4.17977605	3.41660451
4.41138957	4.55219728	4.00151325	4.05907495	4.52386527	4.67007702	4.42132631
1.00E-04	0.33322487	0.13853508	0.18869532	0.54370492	0.5118615	0.55066156
0.76831751	0.90483531	0.44151442	0.45476299	1.12390342	1.12297124	1.47706436
1.00E-04	1.00E-04	0.10232457	0.14845799	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08707833	0.09212707	0.93052649	1.05634764	0.77835355
1.00E-04	1.09481066	0.05286237	0.14195679	0.65910354	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03285888	1.00E-04	1.00E-04	0.56783307
1.00E-04	0.39807571	0.17189516	0.21113726	2.27636534	3.32705343	2.85883199
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40559899	0.43232203	1.00E-04	0.03509479	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04617438	1.00E-04	0.38488463	1.00E-04	1.00E-04
1.60225245	1.9073077	1.9786809	2.39352923	0.94227818	2.64361235	2.07497853
0.22793776	0.44858814	0.55040615	0.36820292	1.00E-04	0.41062688	0.81302828
1.40489906	1.77707229	1.19984349	1.36516857	2.41876003	2.41067326	1.96761039
1.36086096	1.70050947	1.77520829	2.01829854	1.24730419	0.61319376	1.07100852
2.95917303	3.00515096	2.62210925	2.63820842	1.00E-04	0.33769545	1.00E-04
0.75230596	1.38927103	1.29805051	1.5218164	0.86761349	1.32604706	0.84231974
1.00E-04	1.00E-04	1.00E-04	0.1318255	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.25372985	3.45813662	3.23956578	3.20936438	4.32058646	4.25409607	3.83170433
1.00E-04	1.00E-04	1.00E-04	0.09203569	1.00E-04	0.41717869	0.25370611
3.42927093	3.52258821	4.47877859	4.27143315	3.57644562	3.85424731	5.20310811
2.27033537	2.50875975	2.30042537	2.48585117	1.30146757	0.11466061	0.93932508

4.84700693	4.98564325	4.70809925	4.70205299	4.75416957	4.92278786	4.19982358
1.8253534	1.95881064	1.52884775	1.3278535	2.28940274	1.82369748	1.51903781
1.00E-04	0.23921457	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91459508	0.39347748	0.07795568	0.06976615	1.00E-04	1.00E-04	1.00E-04
1.44658869	1.52828536	1.42902048	1.27812726	0.74462267	2.37809862	2.36009012
3.14258025	3.01900011	2.79532131	3.14343923	2.73552699	2.79688357	2.39614484
2.62381363	2.63590507	2.47583251	1.99376288	3.7146305	3.65229692	2.88257983
1.29500248	0.79863979	0.285838	0.35190705	2.71377996	0.21699698	1.09579517
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56900622	2.69192605	2.49718643	2.46846183	2.22827005	2.31217086	3.1569473
4.4234709	4.56177274	4.24364277	4.22103118	3.86762133	4.59637883	3.87709283
5.2642061	5.39686674	5.54092537	5.56285886	5.03946946	5.02736464	5.38397069
1.00E-04	0.41511893	0.08371327	0.06657502	1.00E-04	1.00E-04	1.00E-04
2.58499502	2.78153541	3.55891442	3.79044552	2.29004044	1.92699127	3.41834677
1.00E-04	1.00E-04	0.05458972	0.43737674	1.00E-04	0.68637711	0.32346163
1.00E-04	1.00E-04	0.22284775	0.0836809	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45109589	1.00E-04
0.63054842	1.00E-04	0.07209038	0.47060292	1.00E-04	1.0666493	1.00E-04
0.44892273	1.00E-04	0.10502936	1.00E-04	1.00E-04	0.25871909	1.00E-04
2.99796204	3.18968052	3.37687212	3.15504408	2.46284175	2.44705785	2.86427952
3.36381935	3.13268072	3.12742332	3.27953169	3.2358573	3.59442511	3.4963557
0.19366475	0.16885241	0.11217004	0.20831451	0.56063254	1.00E-04	1.00E-04
4.53871913	4.7274077	4.52426838	4.45134737	4.49579511	4.87315865	4.47298621
1.00E-04	1.00E-04	0.03208595	0.05331587	1.00E-04	0.14939575	0.15942843
0.87867315	1.25540243	0.9800515	1.1331528	1.89527781	1.61878416	1.14520184
1.00E-04	0.05947039	0.06027878	0.21278983	1.00E-04	1.00E-04	0.79720979
1.00E-04	1.00E-04	0.07962578	0.10122252	1.00E-04	1.00E-04	1.00E-04
1.15705965	1.69652832	1.5791068	1.72617449	1.39926168	1.23330186	0.39340737
1.75080489	2.06527953	2.22939146	2.0877931	1.87357097	2.48091223	2.89179444
2.05258061	1.59294418	2.01342987	2.34049394	0.78234266	0.53672067	0.85701987
4.564151	4.65555925	4.22334304	4.40984049	4.05979648	4.22646637	3.72847379
3.34271406	3.67019817	3.85888915	3.83752904	3.32141605	3.4512098	3.81780825
0.15660685	1.06625701	1.05368158	0.99153006	1.00E-04	0.77583452	2.09311992
1.00E-04	0.38525698	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61235854	1.00E-04	1.00E-04
0.22022577	1.00E-04	1.00E-04	0.06137042	1.00E-04	1.00E-04	1.00E-04
3.60620858	3.81227999	3.43789375	3.29103609	4.17340587	4.12719856	3.57621496
4.60016555	4.67938236	4.33662656	4.36246737	4.36553516	4.34756584	4.15808895
1.17066754	1.55477617	2.09804462	2.33039853	1.62902448	1.18408896	1.7088373
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.47740198	1.00E-04	1.00E-04
1.00E-04	0.19870701	0.26186964	0.28578211	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47956652	0.36646516	0.30221535	0.06276242	1.00E-04	1.00E-04	1.98217155

0.84421915	1.0011695	0.9861874	0.74156664	2.03941855	1.84869594	1.86158286
6.2490607	6.20320787	5.74714827	5.85446028	6.167284	6.4658249	6.01136585
3.56522382	3.87531042	3.163625	3.10543294	0.48823099	3.54616275	2.83708372
1.10960285	0.88065184	1.09294905	0.88323264	3.69984475	3.48531603	2.95357813
3.71322854	3.84206748	3.74605907	3.38491276	4.18135287	4.11169452	4.33382362
2.57335517	2.55069187	1.80588791	1.5429404	4.69355184	4.33300849	3.85945575
0.24363413	0.08572866	0.19407798	0.12625824	1.00E-04	1.00E-04	1.00E-04
2.22741713	2.25370267	1.67808999	1.88295576	2.912978	2.59212081	2.12353414
1.00E-04	1.00E-04	1.00E-04	0.05323463	1.00E-04	1.00E-04	0.38676995
0.64624631	0.56033118	0.39120187	0.50267511	0.87433085	1.00E-04	1.67975086
3.24296652	3.59224992	3.5593009	3.51363006	3.39323559	3.37252088	3.55442551
2.91907237	3.18038075	3.53554856	3.70982242	2.7460464	2.9861635	3.47139948
3.83749452	3.74540513	3.89613394	3.88785898	3.09810761	3.67014173	3.47018535
1.25612285	1.28482988	0.25382816	0.51449964	1.00E-04	1.00E-04	1.21382617
0.4518968	0.43308078	0.50271132	0.38742485	1.84344127	0.62208279	0.54268422
4.68398017	4.82182812	4.61010466	4.63524569	4.97117344	4.83726826	4.60774875
3.22434852	3.45351602	3.14627797	3.21511733	3.51091191	3.59649981	3.38400433
0.38910612	0.25643684	0.11657135	0.2068446	1.6489198	1.25317998	0.91666243
4.82332762	5.03180324	4.72770824	4.72237018	4.88291593	4.81824504	4.66899112
1.15089659	0.98002794	0.78983543	0.62739961	4.51581303	4.03622316	3.57288601
0.45271275	1.82141185	1.25261304	1.19344796	1.21670539	2.43727659	0.90435183
0.53418128	1.06835973	0.4064319	0.47918768	1.16337086	0.82355054	0.98274788
1.16190728	1.68189527	1.59790376	1.23156743	1.21585515	1.0668167	1.67586482
1.00E-04	1.00E-04	0.22019038	0.18106548	1.00E-04	0.65957407	0.93226709
5.03417135	5.51056094	5.04111522	4.74134318	4.73963675	4.88916418	5.34519791
0.50207909	1.53213828	1.23036723	1.24708886	0.79797225	1.43297648	1.52145085
1.00E-04	0.22332555	0.19817969	0.08045217	1.00E-04	1.00E-04	0.2166229
1.00E-04	1.00E-04	0.03443089	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1763236	2.6938467	2.1983723	2.58301227	2.54917342	2.61360287	2.66771683
1.10228311	1.57776577	1.97716049	2.12565529	1.27176467	1.56604185	2.25436752
1.00E-04	1.00E-04	0.04876967	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30514283	0.9336342	0.8447913	0.97989389	1.10345699	0.28215124	1.00E-04
1.63569412	2.05570379	1.46410139	1.67656928	4.2217723	3.48893008	2.89505207
2.85054682	2.98147271	3.21707714	2.93000327	4.63822496	3.77353046	4.49202406
3.51001853	3.39955263	3.48491396	3.71853944	3.964721	4.52513016	4.25579761
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71886312	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3843398
1.00E-04	0.7623592	0.20749707	0.32558977	1.00E-04	0.84563195	1.00E-04
1.10896568	0.97205541	0.33423839	0.71292261	1.00E-04	0.84169151	1.00E-04
0.47882888	1.02317297	0.48607913	0.25795774	0.60156552	0.46860949	0.55709915
1.32261188	1.18504408	0.81117372	0.83965442	1.95208741	2.19676567	0.49212458
3.99931797	4.38801235	5.08234595	5.13720517	4.05630088	4.13246845	5.38404696
5.56981445	5.74011496	5.32352655	5.30144104	5.55726203	5.83125174	5.31831384

4.45831388	4.62593085	4.24825514	4.16086354	4.2220554	4.20314961	3.72260578
5.57005634	5.82535622	5.48902498	5.46274045	5.63389015	5.59191209	5.27664433
2.20112231	2.22306929	2.67165789	2.71349208	3.37418262	2.86821338	3.15208732
5.17352389	5.3079762	5.15479697	5.01047228	5.79522149	6.15158241	5.5074087
3.10108419	3.36148449	3.60357339	3.45465744	2.95630222	3.26758159	3.11941478
0.67558823	1.81428359	1.24747924	1.85659279	1.00E-04	1.00E-04	0.11565659
1.00E-04	0.3969865	1.00E-04	1.00E-04	0.61235854	1.00E-04	1.00E-04
2.42979122	2.97586583	3.04345311	3.27406574	2.87533404	2.92414509	2.93169055
4.4917619	4.67104334	4.34480658	4.23620436	5.09747633	5.2791595	4.98715796
3.91984534	3.81461254	3.97461857	4.02854767	2.69048541	3.50503223	3.35152748
5.13086967	5.45707617	5.02026784	4.96453145	5.78636942	5.9169112	5.30349312
2.46399886	3.09116312	3.46115631	3.47717316	1.51120368	2.13911367	3.19466819
2.27572558	2.86510264	3.01161292	3.09525603	3.36767131	3.14863512	3.60108948
2.07528927	2.45213265	2.28065531	2.21977916	3.43846322	3.39734904	2.87498835
4.5388741	4.76539686	4.46102467	4.47150004	4.71390805	4.74709829	4.69375782
3.32414128	3.29897653	3.19571697	3.35199317	3.15076018	3.4194923	3.04014207
3.42158752	3.71326284	3.05569366	3.09796726	3.60904429	3.7695969	3.14758952
2.40430992	2.77562464	2.08071542	1.99414217	3.68957084	2.78816485	2.52157354
2.57543696	2.54567202	2.72099353	3.03078967	1.8887036	2.20852302	2.51200253
2.78199031	2.82958139	2.66746045	2.66307605	4.1718333	3.62050446	3.37675835
0.56443453	1.13380753	0.62888453	0.90415428	1.96603228	0.99539999	1.00E-04
2.58601082	3.30775127	3.81644315	4.02357631	3.2559897	3.93008757	4.6835616
1.00E-04	1.00E-04	0.03488181	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04007022	1.00E-04	1.00E-04	1.00E-04
4.74830914	4.88817425	4.63786312	4.46376111	4.85880282	5.16137842	4.91185717
3.68830311	4.21214804	4.10758885	4.13189265	4.14226255	4.55869075	4.43734838
2.13488381	2.6745203	2.85218034	2.96117059	1.36199899	1.92077541	2.41790445
4.65185358	4.89766135	4.65354487	4.77088889	5.01219309	5.2995931	5.11577048
0.79089239	0.83343081	1.03370803	1.23712674	1.51807957	1.09879096	1.63060342
3.09986248	2.89301064	2.68818475	2.60561143	3.45351394	2.94528693	2.7511975
1.00E-04	1.00E-04	0.16150283	1.00E-04	0.89943416	0.62083007	0.11188224
1.3545925	1.75965674	1.32965508	1.33202096	0.85940628	0.1982747	1.45217891
0.21475715	1.00E-04	0.09821159	0.25037795	0.4683059	0.31965103	1.00E-04
3.58330087	3.70432058	4.06537953	4.1546257	3.7251443	3.72749607	3.94449945
0.2662018	1.00E-04	0.03548458	0.05463957	1.00E-04	0.72303096	0.51004534
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3268343	2.48077126	3.00336234	3.14091426	2.72141798	2.49287388	2.91917543
1.00E-04	0.40240612	0.03254792	0.24506311	1.21384493	0.90375568	1.22698953
1.85804556	2.0746166	2.72473389	2.8312878	1.39701286	1.61688408	2.74185445
0.8897311	1.69748105	1.4445195	1.28842891	1.00872029	1.94380046	1.17634578
2.80196941	2.36210207	2.35885701	1.73336945	2.60419231	0.54180126	0.88846641
1.00E-04	1.00E-04	1.00E-04	0.06760578	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.07955883	0.04367056	0.27165337	1.00E-04	1.70569153	0.24554172

3.320221	3.00890973	2.97184718	2.89282123	2.59683257	2.6296256	2.69110397
1.68550534	2.47170236	2.40440465	2.40909129	2.45518643	2.21796755	1.96185077
0.37416296	0.76054552	0.51061525	0.54177055	0.30780692	1.00E-04	1.00E-04
0.40559899	0.46954195	0.19485561	0.06513202	1.00E-04	0.40179705	1.00E-04
1.00E-04	0.368674	0.1156378	0.0691276	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	0.03564444	1.00E-04	1.00E-04	0.41205115	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09224931	0.16028455	1.00E-04	0.43070808	0.66903244
1.5947717	1.66197654	1.62034738	2.06066513	3.21391679	3.62369267	3.06439397
4.07785496	4.33539977	4.28605447	4.27109958	3.69136035	4.14675457	4.03405769
2.73451372	3.07287898	3.04738591	3.17261705	3.30514938	3.0117981	2.89126816
2.29272561	2.08310764	2.59410067	2.5715575	2.88951256	2.72786199	2.88259494
3.70114077	4.08014081	3.58891161	3.50757773	4.41781129	4.46522842	3.98596891
2.86991966	3.14243426	3.6676833	3.68178755	2.7507017	3.51551188	3.84758865
3.14567951	3.46672047	3.65649899	3.40304781	3.51182005	3.37260011	3.61957272
4.50344853	4.89426757	4.97810056	5.05877857	4.37954392	4.81824843	4.94096652
3.74871775	4.391301	4.75197199	4.63657472	3.33735653	4.03824135	4.62291134
2.93211466	3.34327179	3.14343177	3.14411904	3.49498154	3.53139112	3.31713268
2.4274988	2.47166175	3.2701469	3.25748403	1.88044206	1.91382748	2.73844549
4.29178575	4.49847883	4.12363753	4.13369301	4.25630831	4.47877613	4.14385609
2.23949583	3.04691259	3.34939771	3.31020896	2.3968353	2.87931621	3.24267579
0.59282231	1.00E-04	0.240667	0.13114428	1.00E-04	1.00E-04	1.00E-04
2.41047021	2.58495751	2.29016203	2.6613157	2.37820067	2.36713428	2.13621035
2.09887462	2.76016024	2.42557983	2.59742846	2.51448776	2.92275122	2.78746693
1.09467462	1.81968386	2.44579789	2.3154117	2.06804585	1.76247514	3.129352
0.80753547	1.06549386	1.23346482	1.0440782	1.00E-04	0.53280086	0.73488749
1.73559898	2.38793946	2.96719931	2.97201014	2.01772659	1.70884004	3.1984208
2.30274861	2.89437818	3.45649201	3.41583763	2.54150552	2.63036381	3.24513427
1.1085977	0.65143629	0.5554332	0.91798435	2.05114039	1.45900182	1.1674825
0.290508	0.18261339	0.21959733	0.19967463	1.00E-04	1.00E-04	0.74061529
2.1582117	2.39409823	2.09942777	2.10630585	2.04453314	2.67153238	2.09067198
2.17752104	2.36816436	2.88486467	3.07835541	1.90916193	2.04972383	2.66509891
3.64425338	3.727088	3.86075351	3.92504873	3.68383648	3.25299653	3.74277129
1.8592574	2.59964831	3.03934127	3.15385643	2.36118036	2.76801394	3.44006484
4.76944129	4.96132347	4.77256481	4.74036658	4.91814724	5.11161275	4.84419425
3.90404591	4.34611191	4.47596599	4.59228988	4.18520679	3.90194494	4.37492145
2.95941819	3.27506003	3.26451673	3.23867616	2.98992769	3.28594393	3.6011674
1.34699182	1.62214379	1.32766618	1.51505282	2.04470177	1.97422453	1.78069296
0.50443598	0.57569357	1.12179329	1.53512051	1.00E-04	1.46811772	0.64684583
1.48694861	2.07836807	2.55816565	2.9549475	0.50488113	1.05747947	3.16475883
3.05019506	3.21232218	3.53438657	3.56881245	3.00491353	2.96977313	3.86155122
0.74402358	1.07513305	1.01909699	1.09026805	0.45086753	0.84208712	0.89632568

3.28684855	3.41444432	3.21993014	3.13347551	3.16811737	3.2187152	3.49929506
4.94127652	4.92450393	4.83757499	4.7505899	4.90810097	4.95681666	4.81027469
0.81034062	0.66590237	0.73109762	0.59561612	2.69170465	3.29396801	2.07001781
4.42367306	4.24744562	4.00083131	4.17273971	4.35728986	4.27368889	4.19635734
4.90477756	5.15151644	4.64890558	4.63436324	5.40735176	5.5086654	5.31991897
2.31850463	2.04985188	1.57337974	1.59385011	1.41841325	2.23443627	1.68071902
3.39534275	3.6769545	3.22613256	3.26485303	3.42190615	3.67799828	3.32138257
3.6071696	3.80869382	3.50484325	3.57876877	3.81750758	3.9500209	3.32613999
4.83221591	5.16950805	4.65545965	4.61435827	5.11865434	5.39823971	4.97341693
3.31239347	3.53572597	3.1763572	3.29554635	3.28651644	3.60319001	3.06120522
4.02519928	4.10236805	3.61908032	3.64526785	4.38759218	4.68296493	4.08255997
3.57729623	3.81435218	3.41906306	3.44526613	3.43200585	3.85130564	3.35315303
4.13804469	4.43520357	3.92285549	4.03624396	4.21798083	4.4320679	3.95023955
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2.05481596	2.41719963	2.22264267	2.05060841	2.42968159	1.71058884	0.77171431
4.50112756	4.77946146	4.43511454	4.40709374	4.57069677	4.79937946	4.32908314
2.80767934	3.3077237	2.95350121	3.07777606	2.98566395	3.19442919	3.08002877
3.05061159	3.1430705	3.03118324	3.07250571	2.81356891	3.1146084	3.28197562
1.74614375	2.24316896	2.09242424	2.22683141	2.1273019	2.2031996	2.39452548
2.17986159	2.36412356	2.41629649	2.52370041	2.28215147	2.59236637	2.33456158
3.74879108	4.08647247	3.67307935	3.79288242	3.5237762	3.70301417	3.33598984
3.58099391	3.76058577	3.54476728	3.68038624	3.84764033	3.71049729	3.69130296
3.62579149	3.98751435	3.6281485	3.69006646	3.76480117	3.48529142	3.24269452
1.78740383	1.97499851	1.99473732	1.91199442	1.68245162	1.96200445	1.30232949
1.96824733	2.16617825	1.61492063	1.88251901	2.76114847	3.75267192	3.09727037
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3.33834513	3.51974223	3.23677862	3.27257737	2.92002926	3.71675851	3.12733777
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2.01823394	2.11544541	2.15034163	1.98329608	1.8008198	2.06852371	2.55733698
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1.41274253	1.83367803	1.83746629	1.88620148	0.88988233	1.50407633	2.03954438
2.83556422	3.33780164	3.57183182	3.49153619	2.63678922	3.09984766	3.36461811
0.7766748	0.18693847	0.28840849	0.80539494	1.00E-04	1.00E-04	1.00E-04
0.12230013	0.32450185	0.06260811	0.05422614	1.00E-04	0.93491302	1.00E-04
4.00751368	4.09923979	3.91119763	3.9277084	4.38196039	4.61700468	4.28528378
0.22022577	1.0605533	0.65458341	0.85473368	0.48060496	0.20839209	0.31424664
1.00E-04	1.00E-04	0.16365652	0.04856364	1.00E-04	0.28135532	1.00E-04
3.7243333	3.60398291	3.43880413	3.27902189	3.47972788	3.6910691	3.3754644
1.00E-04	1.00E-04	0.04428164	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.36014949	2.30046283	1.77664472	1.66783905	2.88248286	2.95995849	2.21175069
0.39728238	0.4338158	0.18127681	0.38011162	0.6891078	0.51765254	0.26354179

1.00E-04	1.00E-04	0.04361392	0.23777625	1.00E-04	1.00E-04	1.00E-04
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0.58328519	0.22992999	0.04284286	0.24634932	1.00E-04	1.70614794	0.90370338
3.03157639	3.20297478	2.94414125	3.24891505	2.36044822	2.90880872	2.62279879
1.00E-04	0.14842698	0.13098696	0.03910055	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30537047	1.00E-04	1.00E-04	1.00E-04	0.27261609	1.00E-04
1.00E-04	0.31273938	0.77609822	0.72735996	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62604085	0.27124818	0.25414286	1.00E-04	0.40480752	0.10785897
2.12182057	2.57563123	3.17911531	3.32810195	2.38368202	2.23348177	2.91038543
1.70505783	1.96093964	2.03625974	2.08210739	1.83799938	1.83215472	2.81246995
1.00E-04	0.77281149	0.36717838	0.26500481	0.79196151	0.0838544	0.471156
0.21375378	1.00E-04	0.21793021	0.19488728	2.89922257	3.41362862	2.43817352
1.00E-04	0.49422342	0.12665449	0.26285417	1.00E-04	0.64955161	1.00E-04
1.00E-04	0.29290272	0.30645809	0.15668897	1.00E-04	1.00E-04	0.1313165
3.19144042	3.49776899	3.72349594	3.94260919	2.95825138	3.23034286	3.9212957
1.71466409	2.85369272	2.23476195	2.34086942	1.86826954	1.82559654	1.39419797
3.66010254	4.65637734	3.62003842	3.72455095	2.82751756	4.56296974	2.96918128
2.78260782	3.44143112	2.76453437	2.91570408	2.72675298	3.48280786	2.18789352
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1.58085603	2.02858965	1.78153698	2.00538003	1.00E-04	1.09127995	0.5198229
5.24611774	5.8105682	6.58950458	6.57532831	5.24841659	5.7116091	6.97351721
2.71058834	2.4920602	2.67775775	2.756581	1.96319245	1.64384337	2.51437875
1.00E-04	0.27933897	0.11580449	0.19779213	1.00E-04	1.00E-04	1.00E-04
0.23269999	0.26292835	0.43461081	0.8168426	1.00E-04	1.00E-04	1.00E-04
1.94469105	2.60369746	1.70575738	1.74561235	2.89047516	2.69132325	2.13596515
0.28459308	0.57684731	0.18200315	0.16404408	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04241733	1.00E-04	1.00E-04	1.00E-04
2.50598646	2.57294157	3.07244713	2.70439289	0.92232377	1.21744364	1.55250805
1.45800414	1.80655905	2.06522152	2.34340459	1.22337167	1.20352719	2.41542036
4.25042381	4.22617136	4.42342137	4.41352151	4.17544647	4.34059655	4.55514457
0.99754243	0.85069565	1.25659301	0.76823447	1.00E-04	0.5882422	2.00791059
1.00E-04	1.00E-04	0.22200336	0.39634777	1.00E-04	1.00E-04	0.32502076
0.84804751	0.91229685	0.17245871	0.37684698	1.00E-04	1.01578088	0.13866036
1.25927001	1.87366063	1.32866974	1.58155795	2.43529689	2.40133293	2.08383626
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.22476835	1.00E-04	0.0552553	0.69158286	1.00E-04	1.00E-04
2.33020674	2.43806122	3.14240321	3.27237338	0.40674922	0.51491714	0.28482166
3.54476013	4.03366494	4.12721746	4.08068423	4.27342929	4.16613152	4.48830173
1.00E-04	1.00E-04	1.00E-04	0.06768765	1.00E-04	1.00E-04	1.00E-04
3.22750186	3.18940289	2.98131911	3.05607931	3.06779838	3.28121259	2.74959483
3.33739997	3.09499115	3.19585379	3.31056681	2.94404687	3.00002967	2.87107292
1.18005893	2.148192	2.53154297	2.28607041	1.82973581	3.35538338	3.2476393
1.00E-04	0.05947039	0.05388973	1.00E-04	0.50488113	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04276793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.70224315	3.14032901	2.9758372	3.1021763	3.17599432	3.55772904	3.33438399
1.02696057	0.76066302	0.59140694	1.29064733	1.00E-04	1.01941198	0.3937581
3.9106722	3.96739035	3.59950515	3.56402133	4.24964355	3.88598141	3.62420308
5.25516216	5.29334755	4.99023877	4.94780197	5.60147705	5.73667867	5.31981481
4.84789091	4.86677523	4.74958707	4.7746293	4.50783286	4.58445872	4.52970823
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.90249522	2.93427018	2.72425982	2.81444325	2.19741754	2.31354196	2.26311095
1.71849498	1.8659124	2.13075466	2.14277463	2.05275622	2.33449889	2.11567598
1.74623118	1.98729807	2.35979592	2.59812979	2.17477211	2.33361518	2.47526069
3.15344019	3.74149453	3.66702021	3.68937299	3.00701439	3.5715876	3.53558126
1.88780769	1.99362435	2.40351194	2.11009338	3.20235849	2.7986865	3.60845077
2.8755422	3.05274873	2.86634021	2.98458548	3.36311991	3.13469269	2.91484259
1.00E-04	0.52868726	0.3413621	0.13338965	1.00E-04	1.02718117	1.27223708
5.27457968	5.19606532	4.88976081	4.87620447	5.63486699	5.42793553	4.98727356
1.04547678	1.16801374	1.03885812	1.38420148	1.00E-04	1.14172296	0.87384906
1.00E-04	0.17895859	0.29207164	0.0397794	1.00E-04	1.00E-04	0.48924172
4.77997061	4.93294853	4.68397071	4.54563344	4.61403936	5.17986767	4.89965248
0.20795065	1.1282709	1.12252253	1.20776259	1.00E-04	0.22143361	1.27399016
1.03411294	1.40889095	1.16514693	1.11602953	1.99239413	2.47028274	1.16670696
0.34812995	0.25656743	0.05278975	0.10733825	1.00E-04	1.00E-04	1.00E-04
0.40626905	1.00E-04	1.00E-04	0.25597749	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.88260006	0.5419193	0.33548074	0.6397631	1.00E-04	1.00E-04
1.00E-04	0.13260722	0.04876967	1.00E-04	1.00E-04	0.12583522	1.00E-04
0.82778328	0.25656743	0.43339767	0.73730992	1.00E-04	0.61280762	0.9043227
3.09905811	3.49407527	3.80920118	3.51861386	2.72593418	3.8695626	4.9208519
2.95724304	3.09094085	3.06968512	3.12956467	3.55216382	3.37163943	2.92453514
1.00E-04	0.30143376	0.26499434	0.17415311	0.74577637	0.53526458	0.7199952
0.17523629	0.54487668	0.11786494	0.27222414	1.00E-04	1.00E-04	1.00E-04
0.45104664	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09760498
1.00E-04	1.00E-04	1.00E-04	0.11385209	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.58196319	4.8728782	4.51889548	4.38014776	4.90033857	5.29598442	4.79299516
2.92486452	3.0154856	2.80213606	2.68855811	3.50434125	3.52854327	3.31087083
1.00E-04	1.00E-04	0.04512856	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77793545	1.15109956	0.76933909	0.66109102	0.82561693	1.51819922	0.80147294
1.40939896	1.67543561	1.03982116	1.59129029	2.36513862	1.83220225	2.07041418
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9103453	1.38403906	0.95359232	0.88634855	0.61235854	0.83343323	0.53081464

2.32285929	2.05367101	2.113328	2.27382485	4.22800695	3.8315919	3.44494806
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87964554	2.16562652	1.68730567	1.74159423	1.34005372	1.85078654	0.96301868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20716741	0.45463217	0.41057147	0.62308248	1.63270282	2.02868065	1.2634732
1.00E-04	1.00E-04	1.00E-04	0.14853829	1.00E-04	1.00E-04	1.00E-04
4.34756146	4.548545	4.62525999	4.64961878	3.62135402	3.65891601	4.0113649
1.31387917	0.68129722	0.8867087	0.69009967	1.00E-04	2.72621103	0.7932256
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07013778	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17411715	1.00E-04	1.00E-04	0.38317948
3.56906474	3.88805589	4.69898976	4.69618805	2.69841999	3.04119892	3.22077517
2.86700429	3.05646838	3.09269548	3.08424019	3.55022765	3.3416829	3.1424441
1.90950336	1.88320314	2.5056681	2.72366814	1.8472183	1.95201638	2.10927965
1.61638186	2.34715045	1.54635337	1.21940365	1.69343522	1.93240479	1.46527923
3.96716486	4.16922703	3.95857566	3.98358158	4.24849443	4.42018329	4.01859576
3.54346917	3.67319799	3.44323224	3.61806595	3.32708231	3.41206901	3.8093405
3.95204013	4.33355008	4.07487931	3.97121392	3.93902157	4.23356883	3.95572491
3.3012677	3.84138829	3.25100664	3.2642898	3.52352047	3.75602578	3.47899511
2.18098753	2.13694308	2.16840388	2.10464507	1.40940436	2.36982143	2.35565791
1.64437662	1.82411147	1.55585138	1.62965094	0.97393627	1.09369374	1.29857293
2.66270244	3.1290489	3.24678949	3.26268151	2.7020064	2.72735667	3.14157751
2.05441623	2.44546916	2.9933541	3.27725998	1.20739884	2.16927743	2.75294091
2.17926913	1.964084	2.16683687	2.43609445	2.0382691	1.43627785	1.92174964
4.08569308	4.41797898	4.45300937	4.51044311	4.28286074	4.27683514	4.4532518
3.99342735	4.2308581	3.91765502	4.02970799	3.88875443	4.16283231	3.41465596
0.81182121	0.84417181	0.66063947	0.6575508	1.53716469	0.27371291	1.00E-04
0.31277947	1.18509813	1.01350325	0.82501748	5.7399008	5.61753077	5.39168083
4.47705139	4.91452976	4.61360366	4.54892346	5.31667471	5.75993296	5.87471687
3.1764345	3.74743253	3.37525105	3.20541534	3.5117177	3.46737947	3.84696343
3.86558868	3.85263315	3.47178923	3.43880915	4.13320835	3.72554399	3.45909798
4.83836296	4.98151905	4.3760787	4.33690307	5.05140214	4.53663683	4.13881153
1.69586921	1.21000775	0.80817307	0.98465298	1.63392588	1.51568133	1.00192158
0.4240961	0.52759606	0.64308578	0.74202613	1.00E-04	0.59336926	0.24201573
3.40399651	3.41735027	3.25905988	3.05504028	2.40332964	2.62794045	2.25964823
5.9617098	6.02168704	5.70998297	5.66040551	6.27553153	6.08271019	5.86424001
5.28755975	5.53125306	5.14023593	5.12203585	5.07514189	5.15521438	4.83510638

1.7852393	2.24483398	2.02481262	2.07050592	1.22853864	2.32088414	2.91839598
0.50881693	0.80878181	1.06814693	1.0296748	1.00E-04	1.2689981	1.7156297
2.93466451	2.68616824	2.96846228	2.99118145	2.67689455	3.12950933	3.18955034
2.40191294	2.94109681	3.15535671	3.32967465	2.63562214	3.13824885	3.53988068
1.45642021	1.82172844	1.6748771	1.84556713	2.18965464	2.05946563	1.85689719
0.56992599	0.93810434	0.42161285	0.43547029	1.31954483	0.9270147	1.00E-04
3.17564417	3.27950816	3.2327874	3.42127986	3.29971592	3.3249662	3.64491279
1.01771757	2.09119301	2.05362099	2.17009727	1.30695208	1.23533725	1.96971645
0.21771568	0.06522668	0.33723337	0.35948025	1.00E-04	0.77655978	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60814835	0.72886706	0.99701436	0.52394133	1.00E-04	1.00E-04	1.00E-04
3.39486429	3.99007908	5.05789331	5.13522603	2.50920169	2.99013409	4.72187373
2.90391648	3.31147018	3.9447082	3.91946133	3.29592542	3.07828361	3.93504894
4.63302604	4.84251355	5.05244379	5.18661815	4.2603533	4.66836704	5.20147592
3.68825112	4.04343744	3.97157108	4.03291301	3.33633987	3.49881427	3.87395659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.97215288	1.78051287
1.00E-04	0.1188177	0.36503833	0.49938469	1.00E-04	1.00E-04	1.00E-04
0.83929628	0.70595565	0.46688594	0.80945052	1.00E-04	0.9750224	1.00E-04
0.45271275	1.00E-04	0.05740951	0.19151229	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28287004	0.31671853	1.00E-04	1.00E-04	1.00E-04
0.39874234	1.00E-04	0.09758825	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.35927378	0.07529966	1.00E-04	1.00E-04	0.35621081	1.00E-04
1.00E-04	1.00E-04	0.03618139	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0935793	0.16017584	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08221325	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02605739	2.79114782
1.00E-04	1.00E-04	1.00E-04	0.17280041	1.00E-04	1.00E-04	1.00E-04
3.14682763	3.57597824	3.73568778	3.73669868	3.47296029	3.35028082	3.71875695
1.19620218	1.82710381	1.28014106	1.20986033	1.61958951	1.4418928	0.74605234
1.482094	2.17062535	3.00351037	2.43440571	2.28596586	2.3635314	3.56426533
3.13394808	3.3854281	2.92330635	2.9097568	2.7747687	3.24519162	2.72077294
4.03153936	4.24399257	3.77167128	3.8735012	3.87703895	4.17987839	3.62157393
3.68190608	3.79157922	3.72311877	3.68760507	3.87579147	3.68294803	3.62278262
2.94524258	2.78601901	2.71075759	2.80183577	2.25440015	2.60250593	2.7026678
0.71438323	1.33973631	1.02478241	0.89695174	0.51102197	0.58091282	0.13285762
3.56918554	3.26252796	3.11856125	3.11749346	3.50323209	3.45412023	2.9828316
3.85370779	3.73222469	3.70847637	3.66993553	4.41683283	4.58236706	4.19604316
3.59171637	3.50593131	3.76654887	3.74511972	2.91245191	2.47126237	2.92672626
1.00E-04	0.25119537	0.04544881	0.0982134	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2375492	2.4443304	2.73335985	2.92941291	2.88762023	2.41615388	2.77502699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.22861261	1.00E-04	0.34861727
1.00E-04	1.00E-04	0.04206568	0.16335609	1.00E-04	1.00E-04	1.00E-04

0.86431112	0.46859667	0.35739607	0.42716347	0.45889659	1.13866899	1.00E-04
1.00E-04	0.4507681	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.46553456	0.3476398	1.00E-04	1.00E-04	0.11491268
0.99269184	0.58214882	0.34362684	0.77444016	1.00496114	1.00E-04	0.80536452
3.10370066	3.06911433	3.62892027	3.80871924	3.38355717	3.0440462	3.38468926
4.34358084	4.43650639	3.96828759	3.91868245	3.97507384	3.96685849	3.84029026
0.60337946	0.12619	1.00E-04	1.00E-04	1.00E-04	0.7837745	0.36317177
1.13452179	0.56475474	1.23793104	1.10831328	1.00E-04	0.0838544	1.74408626
1.27510467	1.52234072	2.76638315	2.89154313	1.19231365	1.28872084	2.31019262
3.64344765	3.69807034	3.42042188	3.48437077	3.43677452	3.80302069	3.58515599
4.17711403	4.26375175	4.10016237	4.02747154	5.49056453	5.71558854	5.1434063
1.6165007	2.15924278	2.15972507	2.42326538	3.01512558	2.4926455	2.92001508
4.68362503	4.70985318	4.38160951	4.34311033	4.63351972	4.68463406	4.41777464
1.00E-04	0.30695557	0.69630695	0.66430201	1.00E-04	0.34850681	0.57462002
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28765003	1.40715882	1.09820922	1.10751298	2.03960504	1.73563818	1.30896664
1.00E-04	0.55907698	0.05936079	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.91771099	3.85498488	3.64996248	3.65975741	3.03144628	3.69204375	3.25122622
2.55444128	2.53841607	1.91731021	1.74303013	0.38091442	2.50523602	1.35244584
0.26871703	0.59723241	0.14122005	0.28931914	1.00E-04	0.39240942	1.00E-04
2.56934647	2.77769893	2.5606913	2.44869187	2.33177419	2.08606314	1.76028997
0.71463724	1.22830408	1.05979055	0.59832017	1.08132582	1.56020506	0.98806778
3.00894642	3.0529446	3.05548954	3.16563739	3.27169332	3.9152405	3.58269375
1.59800123	2.20049566	2.45725196	2.39212989	1.57767122	1.91274318	2.20746372
0.82137281	1.43299093	1.790956	1.04236327	1.00E-04	0.0838544	0.58897766
0.66933593	1.76559786	1.68491641	1.36142564	0.60156552	1.32068694	2.5558143
2.85363556	3.63255898	3.37752296	2.45058527	4.68571837	4.18766351	3.56090047
1.00E-04	0.17067725	0.46067688	0.48410556	1.00E-04	0.93042028	1.07975531
0.2779322	0.0856489	0.21471735	0.15797784	0.95131315	1.50448872	0.54339603
4.14322238	4.54565521	3.79353776	3.69861303	4.27318761	4.13363046	3.75513671
2.00310403	2.28722159	2.18909176	1.96774373	1.2674186	2.7678831	1.45401706
1.00E-04	0.19014044	0.36191241	0.17512248	1.00E-04	1.00E-04	0.74335119
0.81044646	1.25168492	0.23010181	0.39200746	1.81268089	1.2602561	0.70474215
2.30214885	2.45875129	2.54118934	2.67314097	1.00E-04	0.06695938	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.10019819	4.4010872	4.16833464	4.08502814	4.54752327	4.60337288	4.32531338
1.00E-04	0.77557291	0.43201906	0.35606301	0.43090184	1.225848	0.46002242
0.99339496	1.39910201	0.90092377	0.95315065	2.39421234	2.50488055	2.12104571
4.00008423	4.39437156	4.5804883	4.64060433	3.67830575	3.41576343	3.77100991
2.65812804	2.95039188	2.92997316	2.95740858	2.11827824	2.64177158	3.11783301
4.06620539	4.36571091	4.80061235	4.80496964	3.37001137	3.41535529	4.2989076
3.18122146	3.76281503	3.31683437	3.36602906	3.61257303	3.76724059	3.56906443
5.66583177	5.70149547	5.7593369	5.78448609	5.7417751	5.67747372	6.11483609

3.44314197	3.58867545	3.14165835	3.01842639	2.97062471	3.45840613	2.60708813
3.71324559	3.54338863	3.69931574	3.67281096	3.51570689	3.3429811	3.57582773
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45613238	2.35332812	1.23040237	1.64198972	0.53515803	2.25647807	1.32786709
2.52105018	2.43472302	2.27233281	2.4015128	3.49046892	2.81473588	3.00437087
5.44592722	5.57792581	5.28247948	5.27393704	5.75567642	6.05038953	5.39397085
2.36853889	2.06320044	1.9413035	2.23867552	2.31096666	1.71753026	1.24486241
0.17922381	0.46127784	0.19475267	0.14977399	4.32417586	2.93261847	2.65915342
4.57610627	4.60525668	4.26628802	4.15817245	4.88840974	5.12845297	4.56737865
1.00E-04	0.97514049	0.59960812	0.49032829	1.00E-04	1.61276792	0.81859912
1.00E-04	1.00E-04	1.00E-04	0.17089493	1.00E-04	1.00E-04	1.00E-04
0.12498368	0.75616356	0.74085132	0.51815492	1.60202464	2.42048102	2.39023865
1.00E-04	1.00E-04	0.05221585	1.00E-04	1.00E-04	0.11293056	0.11491268
1.00E-04	0.13584808	0.20591493	0.10161114	1.00E-04	1.00E-04	0.1362077
1.15572782	1.70023798	1.49546131	1.53728153	0.56063254	1.371715	0.69846991
0.36444343	0.48096248	0.40531611	0.26674455	0.52105756	1.34964425	0.13723188
2.47530673	2.72967765	2.54293466	2.59277299	2.48022205	2.52500864	2.50081515
5.84162025	5.9562832	5.68574747	5.68477117	5.59656509	5.88977005	5.46470018
3.9859494	4.14343061	3.96878722	4.03504428	4.2230566	4.21123972	3.88486083
2.43160162	3.08155309	3.50678726	3.68162933	2.15645258	2.55167311	3.15971138
2.88710838	2.8523377	2.5210981	2.36508157	2.10681726	2.00484582	1.80344328
6.81146018	7.07407572	6.61965103	6.5317822	5.85463343	6.06712485	5.50397704
0.25625626	0.46430602	1.31359811	0.42234024	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17402648	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16054863	2.6507258	3.40886836	3.45087634	2.22745102	2.08789654	3.37658197
0.22947295	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12174474
3.57182294	3.70458922	3.70375538	3.85879145	4.14284194	3.97398514	3.99344357
4.55270784	4.86918695	4.92016411	4.86849646	4.54964078	4.62727074	4.89529803
1.24864735	1.06181736	0.79508153	1.25798743	1.85586718	1.72121507	1.96309983
1.49806845	1.54375518	1.64745915	1.71646836	0.88943299	2.39094283	2.79985293
2.94122831	3.46566145	3.34828725	3.55633411	3.01348991	3.47751809	3.4564275
5.67825734	5.81521546	5.69168851	5.67686745	5.35877405	5.61664542	5.50008601
4.07091385	4.29559654	3.53138191	4.05752101	2.71866092	1.81473886	0.91783396
2.70362222	2.82824472	2.55145063	2.43778299	3.52318361	3.05065999	2.54116958
0.81373714	0.64824598	0.16027273	0.19507097	0.44340029	0.27972467	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20786292	1.00E-04	0.22044102	1.00E-04
2.50450666	2.82146122	2.12409207	2.5189071	2.13795462	2.47230607	2.40619034
0.59826412	0.08011905	0.49866475	0.37436327	4.55926763	3.55577612	3.38156234
2.40033822	2.88558483	2.51677972	2.69899078	2.55417169	2.49273274	2.64168092
0.81001571	0.29748489	0.84841236	0.18426703	1.00E-04	1.20073919	1.00E-04
1.00E-04	0.06661234	0.05226659	0.12339816	0.42197018	0.42431629	0.37328265
0.20383151	0.14127426	0.11028701	0.11301726	1.00E-04	0.51556887	1.00E-04
1.00E-04	0.23881798	0.19916514	0.10392936	1.00E-04	1.00E-04	1.00E-04

4.16896941	4.12538196	3.66627064	4.05567265	3.69791804	3.21417682	2.61387865
2.50687565	3.26095399	3.72559274	3.78829802	3.14312395	3.07293062	3.72957955
0.50179333	1.00E-04	0.07874321	0.06115204	1.00E-04	1.00E-04	1.00E-04
2.9025566	3.0735752	2.40954968	2.07852433	3.10178683	3.03386278	2.50223808
5.60240918	5.83383876	5.4532127	5.32047281	6.23701929	6.35784522	5.86250082
2.91446587	3.24087029	2.99888675	3.02071445	3.19285716	3.20181273	2.99823927
3.76144901	3.79565236	3.84372553	3.85328014	3.56246396	3.88839934	3.51684702
4.20844444	4.34617043	4.18703395	4.32073797	4.52377885	4.32205544	4.3693672
1.99558333	2.33096017	2.57699223	2.55059632	1.97354433	2.21317902	2.45513158
1.00E-04	1.00E-04	0.02939025	0.11718902	1.00E-04	1.00E-04	1.00E-04
3.52336916	3.52913506	3.3887595	3.27930002	4.67004311	4.11536703	3.71736394
1.00E-04	1.00E-04	1.00E-04	0.04348638	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.31256952	2.45715302	3.11133762	2.76464842	2.41655767	3.19978008	2.87398368
0.47650014	1.39639061	1.09310296	0.99762486	0.81381412	1.31555714	0.7624545
5.22103359	5.28514874	5.20366163	5.14762073	5.0528771	4.94543765	5.23821526
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3.95033396	3.85300591	3.76241106	3.72407341	3.59539686	3.78644811	3.26584094
1.00E-04	0.11117622	0.51945512	0.33304463	1.00E-04	0.16898238	1.00E-04
1.00E-04	0.06661234	0.02992978	0.35187034	1.00E-04	0.80877792	1.00E-04
3.2241773	3.48674223	3.42061629	3.23805507	4.01044192	4.16257154	4.34819725
1.83720376	2.05097628	1.62559097	1.78438634	2.01239594	3.52942004	1.93090619
2.19685043	2.3662474	2.35834383	1.97914397	2.28121269	2.13687268	2.2008799
0.83048421	1.39105075	1.34421035	1.62809052	1.00E-04	0.38271585	0.42769169
1.27621773	1.33822597	1.11192205	1.10163557	0.60581275	1.56052523	2.04449222
0.91152925	0.85798592	0.9113085	0.89830429	2.13872478	2.01385292	1.25778009
0.41269897	0.97063631	0.57800816	0.69253512	1.00E-04	0.1982747	0.62211839
2.85613619	3.23506466	2.83469337	2.90746604	3.87418961	4.35519463	3.88244012
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.30774045	4.44796768	3.60026791	3.75978924	3.12574799	3.62810134	2.54621259
2.60462671	1.8730148	1.40359724	1.48491442	1.83829117	1.71876697	1.71527273
0.13981433	0.23898778	0.69218839	0.39646423	0.50488113	0.38271585	0.72400317
2.61865498	3.21501801	3.08109041	3.01240128	1.10516883	2.14747588	2.09957523
0.48648944	1.00E-04	0.28801665	0.13227258	1.00E-04	0.4760807	1.00E-04
4.10160614	4.35458139	3.90316015	3.90720226	4.14137879	4.67668804	4.08775021
3.32326132	3.76472149	4.65293239	4.68035044	3.65542017	3.69291149	4.7800285
3.69708593	3.57991627	3.67191161	3.72704872	3.24700046	3.71666643	3.63573847
1.00E-04	1.36493802	0.31862192	0.69920589	3.18710539	3.12310516	2.7773965
4.42251811	4.49116468	4.21025741	4.17961359	4.30368887	4.61893792	4.29520364
3.38134385	3.7459354	3.8088972	3.91359576	3.77854702	4.3677023	4.28340126
2.1236508	2.33174724	2.1684729	1.96358833	1.83974554	2.63831009	1.91397539
3.28247309	3.29235194	2.66767131	2.74920191	2.89824137	3.76265735	3.05894931
4.29492598	4.66628425	4.02515889	3.98918614	3.56496638	4.22302919	3.67514903

4.68134388	4.92824815	4.38963955	4.42965452	4.43024355	4.92273069	4.09601094
3.88225173	4.26657387	3.88640083	3.95203589	4.17028917	4.76299688	3.93178765
2.16096012	1.86717684	1.8499596	2.08214181	1.4757392	1.8714556	1.12237973
2.48381064	2.78310936	2.6382022	2.52139342	2.92625999	3.18520567	3.11425504
2.41497719	2.12138552	2.40022718	2.55988182	0.24496797	0.98681233	2.32749958
3.28319886	3.3254755	3.21928868	3.29113965	2.98920822	3.33738532	3.16054827
3.17045652	3.26963732	2.9238088	2.82586715	3.33706074	3.36301551	2.87616184
6.7366681	7.0862846	6.62020401	6.22309823	5.13078568	5.41354388	4.97566623
3.35846444	3.80486818	3.19134496	3.24152214	3.40426241	4.34524458	2.93497541
0.71326052	1.15596077	0.72311267	0.49866285	1.00E-04	0.43070808	1.0923596
1.16472317	1.87797819	1.28562081	1.64582	1.36049285	1.03687044	0.84125231
0.67498943	1.49194327	0.71361608	0.62628964	0.48823099	0.9543875	0.84662811
3.07622294	2.68953655	2.39633826	2.9686568	4.84607273	4.21722928	4.08195729
3.2705177	3.54584467	3.40501094	3.54170883	3.81462784	3.98045715	3.79666918
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92867417	1.77043817	1.90534009	1.87189474	1.63526702	1.70792187	1.43620891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73318996	1.15346615	0.54941123	0.4035034	1.00E-04	0.53916234	1.00E-04
1.00E-04	1.00E-04	0.06175987	0.10402693	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21524611	0.14260733	1.00E-04	1.00E-04	1.00E-04
3.73947918	3.51640715	2.73219912	2.89966191	2.50132163	2.1857811	2.46460541
3.36335755	3.28942833	3.23073968	3.33539048	3.13385177	3.56138689	3.50819922
3.11103203	3.25469157	2.56673517	2.76543259	3.96627344	3.98985869	3.64901153
1.84300241	2.43434168	2.44828376	2.51846287	2.37954785	3.20617358	2.25250741
1.00E-04	0.6739348	0.15200569	0.28642598	0.35320673	2.38398487	1.52227105
1.00E-04	0.44995372	1.00E-04	0.12315844	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0591389	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55287663	0.29773013	0.26668918	5.92051384	6.38189956	5.69182622
0.3371285	0.36876133	0.94971486	0.77845134	0.65910354	1.00E-04	0.48459576
1.00E-04	1.00E-04	1.00E-04	0.09552655	1.00E-04	1.00E-04	0.32599971
1.00E-04	0.31287214	0.54659815	0.20766015	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64230669	0.19597429	0.3351307	1.00E-04	1.00E-04	1.00E-04
4.22110664	4.26960895	3.81121914	3.80035798	4.27071445	4.04160775	3.52766829
4.07593886	3.86379112	3.70238603	3.64742227	2.78217018	3.02463852	3.04720992
2.40206454	2.75147077	3.0986621	3.31815865	2.43669997	2.61831514	3.18221065
2.76380407	3.27575421	3.73736751	3.83529393	2.87130121	2.6751815	3.49055689
1.00E-04	1.00E-04	0.09219681	0.12419839	1.00E-04	1.00E-04	1.00E-04
3.1219701	3.2777054	3.25050383	3.5286329	3.31803973	3.53822027	3.43862095
5.70134043	5.8115028	5.34737071	5.33168749	5.87976174	5.96053594	5.5732504
0.94464303	1.38305034	0.82910296	1.36731795	2.01250216	1.25350007	1.35858592
2.4356791	2.63207839	2.57096792	2.65784909	2.1057012	3.11108754	2.34582631
4.47217133	4.82943004	4.26526168	4.29026395	5.55342693	5.55622267	5.18805343
3.53579556	3.71023631	3.23795699	3.13272911	3.34206654	2.79084998	2.1507134

4.89329542	4.64937246	4.81771535	4.68812493	4.55786265	4.28392046	4.14843239
2.04129403	2.16636741	1.91138353	1.71737026	1.62662944	1.91783513	1.99706316
1.00E-04	1.00E-04	0.06364524	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11524487	2.0482756	2.50421525	2.22264467	0.8911125	1.60571626	3.19228917
2.96792286	3.33052292	3.03774517	3.14171449	2.78958749	3.42111402	3.17409479
4.25003943	4.64538259	5.28488798	5.25992923	3.75131058	4.22247204	4.99277698
4.54184523	4.63570483	4.45137725	4.4939844	4.35489847	4.79742847	4.52084164
0.35757121	1.00E-04	0.63384602	0.54660982	0.35320673	0.06695938	0.62487403
1.97110852	2.18160008	2.24249998	2.58121798	1.97154946	2.39984018	1.57650685
5.12147595	5.29266107	4.81543416	4.65897552	5.21913097	5.53197332	5.23489386
2.89844106	3.29803643	2.86978639	2.59250608	2.55443268	2.37767895	2.46456151
1.24771125	0.9948394	0.51321518	0.57152012	0.61280452	1.00E-04	0.39815196
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17861687	0.33681055	1.19023988	0.9684338	0.93042565	1.24353004	0.91041453
1.00E-04	1.00E-04	0.04173932	0.15417544	1.00E-04	1.00E-04	1.00E-04
1.13259579	0.75327837	0.94376173	0.89605084	0.4683059	1.56154478	1.03954223
1.59351223	0.22268007	0.3602533	0.20623197	0.9568617	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08557164
1.00E-04	1.00E-04	1.00E-04	0.1313458	1.00E-04	1.00E-04	1.00E-04
1.8555683	3.33460465	1.51447019	2.06398676	2.16034796	3.19812503	0.89558496
1.79612786	0.95461689	0.79083142	0.67222536	1.38557296	1.17276578	0.78306333
1.00E-04	1.00E-04	1.00E-04	0.0499166	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39691926	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0377743	1.00E-04	1.00E-04	1.00E-04
0.85149672	1.00E-04	0.03204009	0.11110585	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13860286	0.14562143	0.33277842	1.00E-04	0.48521089	1.00E-04
0.63314505	1.00E-04	0.22392077	0.07324033	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17352503	0.14847605	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11827956	0.19945766	1.15720948	1.00E-04	0.51005106
1.02219359	1.19802645	0.60344518	0.80253391	1.3842218	1.65677224	1.3967303
0.21404326	0.61512729	0.18412038	0.42142345	0.91668217	1.13329209	0.13285762
0.45247917	0.36525162	0.61841459	0.2874114	0.58708779	1.20064076	0.68871678
1.00E-04	0.18590644	0.07365016	1.00E-04	0.48823099	1.00E-04	1.00E-04
1.03647456	0.70524488	0.30836276	0.24235163	1.39557673	0.40516567	0.48918601
1.01342359	0.70220567	0.47112052	0.54298652	0.43177254	0.22044102	0.21931269
1.00E-04	0.51594095	1.00E-04	0.02664756	1.00E-04	0.52532222	1.00E-04
0.62747531	0.42601718	0.29095509	0.30886587	2.02477851	1.22240639	0.31671355
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.06695938	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.59142779	1.00E-04
1.37146007	1.26339425	1.49330154	1.74256419	1.84160751	2.40675168	2.4888173
5.35811988	5.61405452	5.51142797	5.53913265	5.07990627	5.23092946	5.13188895

4.54688659	4.66833335	4.28021042	4.29528191	4.8087334	4.5861946	4.22307225
1.45692934	1.25730841	2.27829089	2.25084112	1.67982326	1.8687028	2.12677748
0.84281838	1.6562479	1.17110544	1.08694618	1.06989147	1.08998528	1.13566278
2.92999874	2.76773468	2.52855796	2.38308308	2.7760848	2.9199961	2.69987019
5.06355436	5.18607221	4.81348032	4.796361	4.44566566	4.70189698	4.2184098
2.4682408	2.37297623	2.33893264	2.33322113	2.86984962	2.6151698	2.14832208
3.52470601	3.92481926	3.69076699	3.72449812	3.82114501	4.18275616	3.83363091
3.03684686	3.31169862	3.19354773	3.22226395	3.06966532	3.01756917	3.02842195
2.13602445	2.59846625	2.18722413	2.64686149	1.34866493	2.49072914	2.6544064
0.57896097	0.62071346	0.724463	0.63319209	1.00E-04	1.12187092	0.15149617
0.34548476	0.47799018	0.10976244	0.16341068	1.00E-04	0.48188652	1.00E-04
5.54450358	5.70031085	5.20694562	5.26826283	5.34279496	5.62853228	5.23361153
3.72587179	3.83431707	4.0210736	4.32547637	3.95697785	3.87498215	4.26691024
4.7818515	4.84250073	4.55151308	4.73411376	4.85541799	4.63592436	4.64736935
3.1630749	2.94627537	2.85273956	2.95335835	3.08119847	3.51385793	3.44588096
2.78556423	3.43307014	3.68954473	3.738307	2.99531884	2.32877373	3.00474553
4.38945746	4.46835248	4.4930057	4.58070188	3.81660832	3.9412681	4.0990914
4.62472418	4.5816946	4.0417914	4.15147887	4.58496577	4.14659359	3.47855606
5.65314304	5.77984016	5.2874132	5.14143081	5.34723752	5.63322328	5.09290795
5.46548234	5.69127491	5.01977042	4.93431357	2.19337329	2.36145243	1.9649318
2.56344459	2.69116674	2.15028851	2.17913541	2.30238443	2.87492516	1.60857035
3.6978584	3.90279316	3.31797699	3.43887024	4.07337408	3.93658694	3.64207785
1.00E-04	0.49262523	0.79617839	0.87307059	1.00E-04	1.43783258	0.64048444
1.00E-04	0.4312204	0.34696396	0.40558006	1.00E-04	1.00E-04	1.00553645
1.67179581	2.08101814	2.17450495	2.30258816	2.38561203	1.49902946	2.0212965
1.00E-04	0.18508902	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27954012	0.38400641	0.62853736	2.01252314	2.73909768
1.00E-04	0.30836803	0.05736053	0.06169557	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30443274	0.30753271	1.61609895	0.40752836	0.62471753
1.70441564	1.98073359	0.97062989	1.14896164	1.00E-04	2.2146696	1.00E-04
3.78988806	4.04906188	3.64680166	3.54793354	3.15412423	3.79663659	3.17537138
1.00E-04	1.00E-04	0.06166096	1.00E-04	1.00E-04	0.33659068	1.00E-04
2.99805808	3.31173885	2.9535277	2.90550128	2.92801152	2.44494885	2.33612775
3.04939984	3.4812405	3.68534718	3.60522066	2.99176187	3.20450943	4.05952939
1.72631502	1.53324085	1.52436703	1.53192742	0.600898	0.79858631	0.67809707
3.16556051	3.21731046	2.98398479	3.09411533	3.14928832	3.21056431	3.55695551
1.00E-04	0.27688384	0.27398317	0.27637548	1.00E-04	1.00E-04	0.8511787
2.28488128	2.70186537	2.99193088	3.07371173	1.99042648	1.668874	2.53124992
3.31931939	3.46320023	3.86986157	4.09421467	2.94170471	3.43166457	3.66639271
1.00E-04	0.24313712	0.11605833	0.1362641	1.00E-04	1.00E-04	0.35910844
2.05713443	1.5188952	1.88791353	1.82802697	1.79407369	0.35621081	0.802238

4.34750065	4.5617548	4.7852775	4.8989674	4.29300403	4.43071278	4.59713325
3.46006381	3.40015481	3.24929631	3.31145311	3.45714911	3.46147133	3.47475978
1.11794762	1.59470891	1.09306474	1.20745316	1.59948599	2.28009294	2.42644872
2.34560211	2.87874222	3.64416199	3.75804797	1.70448162	2.14819546	3.62927726
0.93296876	1.71526934	1.78727787	1.79580271	1.88110681	1.13650838	1.90063512
4.33582892	4.08611854	4.18568233	4.28664791	4.3948803	4.53426436	4.72954625
3.27597343	3.823758	4.39559781	4.55634899	2.88172842	3.5452321	4.01380222
3.74372893	3.79691967	4.39784505	4.41609201	3.21945736	3.53664911	3.96224147
4.84768613	4.88827406	4.68623938	4.70220239	4.94864176	4.99987564	4.74747778
3.28486178	3.59615631	3.8620248	3.79463869	3.31295493	3.27462917	3.73628089
2.81093539	3.07550811	3.18213289	3.26632044	2.46981706	3.00329171	3.35820591
1.00E-04	1.00E-04	0.13748567	0.06463492	1.00E-04	1.00E-04	1.00E-04
2.3315738	2.61463169	3.16179408	3.22928657	1.774828	1.97539832	2.66093733
0.14465503	0.51787028	0.50356712	0.40072122	1.00E-04	0.16158638	1.07645179
0.3141684	0.56124873	0.42698387	0.68105617	1.10345699	0.34543859	0.8943813
2.81380917	2.6267024	2.81805929	2.7299887	2.53891539	3.08865183	2.79109977
0.51362374	0.48234015	0.29371092	0.39572718	6.43863841	5.56392782	4.5788086
2.5646593	2.39013884	1.96014137	1.69844961	3.44334288	3.53999183	1.89299668
1.19657409	1.43324044	1.09328683	1.59894723	1.00E-04	0.29910931	2.21100535
2.67595048	2.65221294	1.99295421	1.75960516	2.36761463	2.83354674	1.83231337
0.64843115	0.8194448	0.56670947	0.66963198	1.00E-04	1.14273932	0.58676452
6.27526424	6.3151628	6.10558859	5.36999413	5.03592405	4.8595064	4.90049613
3.69502914	3.81938963	3.5965941	3.52022689	3.96049845	3.99748637	3.99971929
5.62845502	5.68822955	5.24980688	5.13555366	5.52200921	5.55317644	5.10110199
1.00E-04	1.00E-04	0.05308683	0.03672709	1.00E-04	1.00E-04	0.11565659
4.77182948	4.95084471	4.26261132	3.84709951	4.40518885	4.93300349	4.6320074
0.53972757	0.41076294	0.18342942	0.05469304	1.00E-04	1.04014553	1.00E-04
1.00E-04	0.87146109	0.22336856	0.31791591	1.00E-04	0.25871909	0.7960926
0.29026471	0.67719412	0.38971295	0.46649616	1.00E-04	0.19340846	1.00E-04
0.55089925	0.50828457	0.30657678	0.42151021	1.00E-04	1.00E-04	1.00E-04
3.81214172	4.19345679	3.99728865	3.96731109	3.83087504	4.17456241	3.92850682
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4062815	1.5060093	1.00699552	1.02306074	1.476313	2.31737169	1.55167892
5.89441983	5.89875072	5.84661277	5.67970294	6.97819212	7.16903687	6.73798287
4.03112436	3.45331582	2.96827617	3.16503507	3.7216209	4.00474349	3.07536324
4.67140045	4.87130172	4.30199288	3.98200345	5.0303874	5.31991556	4.79895032
2.47880953	2.42330429	1.76656917	1.78160664	2.67582529	3.3774994	2.644213
0.32260198	0.78323921	0.50477018	0.98451119	1.11305578	1.24299323	0.37406997
2.25070517	2.59587671	3.041905	2.98586876	2.17549805	2.52711599	2.8908742
1.8354117	1.76028288	2.03035207	2.05588849	2.38668281	1.24223511	1.1428804
1.00E-04	0.05700051	0.46105129	0.20860518	0.24496797	1.00E-04	0.38813167
2.61298487	3.03409525	2.27465392	2.47355456	2.54640093	3.35496613	3.68044941
3.09254422	3.17100882	3.23774838	3.79292357	4.19730847	4.81841653	4.45445786

1.00E-04	1.00E-04	1.00E-04	0.06757308	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16898238	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45743073	1.00E-04
3.05563052	3.22311895	3.34340731	3.22579659	2.82857986	2.54060461	3.62570997
2.5762362	3.09383542	3.50538514	3.52588151	2.35971015	2.77979153	3.68467953
3.08993526	3.49425274	3.07509476	2.89339133	3.36154137	3.75370694	3.36521277
1.02390245	1.05788681	1.10383949	1.31196197	1.22387907	1.81667114	0.27160676
4.40665702	4.86572303	4.77046054	4.72725388	4.51337646	4.86848762	4.76810889
3.33992284	3.6334192	3.68521339	3.65056754	3.09325185	3.36157396	3.36422388
1.28398045	1.20703012	1.33394237	0.9381905	2.8395086	2.85613201	1.36294084
3.9208947	4.10860701	4.43114696	4.51972914	4.00886115	3.73394051	4.1953081
1.65342695	2.42609597	1.98621168	2.19805796	1.94301254	1.53242769	2.67152287
1.00E-04	0.14339731	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.13512927	4.4548611	3.98098579	4.01709622	4.24860208	4.4862165	4.03257904
0.65207208	1.43405538	1.81421658	1.78585121	1.00E-04	0.68049984	0.97722305
3.10676534	3.14205982	3.00523327	2.93481396	2.93312854	3.14010452	2.19315605
0.75870695	0.61151995	0.30737316	0.55483993	1.62902448	1.73901989	1.24153626
3.04186416	3.24384561	3.26209507	3.95377771	2.92025842	3.24029369	3.58902333
3.44795075	3.96728127	4.74376385	4.72589533	3.21261123	3.5907631	4.06690484
0.42641032	0.44782712	0.0555595	0.27088665	0.41241033	1.00E-04	0.49077974
1.00E-04	1.00E-04	0.1672469	0.40860251	1.00E-04	1.00E-04	0.08557164
4.21093817	4.5007839	4.22368634	4.24645167	4.80412809	5.25753324	4.72472422
2.30977657	2.03726542	2.40551632	2.58989474	2.67041694	2.14816808	2.35068403
1.69178293	2.28587982	2.13677012	2.24377425	0.47257629	1.4418485	1.79891458
1.23908189	1.3313333	1.17624996	1.31388161	1.00E-04	0.42698816	0.98395471
4.05356732	4.20098898	3.89356573	3.99407012	3.75758208	4.1115141	3.36006604
1.00E-04	0.18458178	0.17914595	0.20072705	1.00E-04	1.00E-04	1.00E-04
3.59428902	3.63839247	3.35050563	3.42682578	3.41431535	3.70021218	3.2004182
2.52077364	3.0088888	3.4803806	3.56893572	3.24667222	3.2184719	4.0394618
5.46740786	5.50149277	5.15501234	5.0536932	5.57356107	5.74968987	5.48252067
5.03510698	5.25072175	4.86198657	4.7494616	5.06467423	5.18014567	4.86044069
3.20903487	3.53226568	3.45899668	3.31413817	3.25450459	3.75174234	3.7822916
4.46739722	4.84550326	4.32896464	4.17173815	4.97311048	4.99562486	4.51172892
4.17266546	4.24827133	3.9196088	3.86932704	4.21332914	4.08993919	3.84951772
3.17370229	3.09951068	2.99451397	3.08968262	4.14532691	3.53806802	3.72331984
2.36071166	2.55895914	3.45334454	3.51996104	1.75580741	2.05677001	3.24804025
2.58515475	2.92487749	2.82224695	2.91223263	2.74638878	2.94453366	3.06611722
0.57396952	0.27672816	0.02956142	0.09870424	1.00E-04	1.00E-04	0.12174474
1.00E-04	0.16673559	0.25069657	0.36995224	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.26135941	0.03724851	0.10215246	1.00E-04	1.00E-04	1.00E-04
5.41102129	5.66628969	5.09012981	4.87228016	4.01229112	4.52576261	4.4475733
0.84487847	1.68468811	1.55801922	1.965347	0.69158286	1.08803823	1.3598231
2.5918221	3.02798905	2.96417044	2.97262775	2.89748979	3.29287546	3.17705893

1.00E-04	1.00E-04	0.37057604	0.26665419	1.00E-04	1.00E-04	0.40465359
5.36600446	5.67309708	5.01573049	4.35995023	1.2755436	2.43743346	0.95120639
0.16263232	0.15559832	1.00E-04	0.12792953	1.0620868	1.00E-04	1.00E-04
1.53844224	1.10743321	1.01118446	0.87475816	2.65109228	2.53868153	2.31684708
3.31071039	3.62782585	2.86684581	2.76513828	2.91974203	3.16565099	2.77244035
1.74636464	1.48386886	1.63797186	1.61326089	1.57821739	2.00873532	1.88058398
1.00E-04	1.00E-04	1.00E-04	0.07302978	1.00E-04	1.00E-04	1.00E-04
2.84820073	3.22858467	3.69801285	3.86831931	3.09526377	3.23912352	4.1168428
0.1874069	0.56534605	0.36766465	0.20015424	0.97744417	1.00E-04	0.40465359
4.75553117	4.98419127	4.87018341	4.76165134	4.62629164	4.77039832	5.22403212
1.99847466	2.21282686	2.50683657	2.55401751	2.4023891	1.9346495	2.51945814
2.00101574	2.01359829	2.18879951	2.32512582	2.25027492	1.94445702	2.53894082
1.00E-04	1.00E-04	1.00E-04	0.05441618	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05071361	1.00E-04	1.00E-04	1.00E-04
4.83111678	4.78128458	4.43516181	4.3860009	5.38396071	5.5739519	5.43569973
3.01306168	2.64553847	1.99296758	1.68137789	2.53982176	2.38023712	2.36640754
0.72250439	0.83601808	0.66658855	0.66705635	1.3451714	0.54508286	0.96223467
1.98315395	2.5622972	2.67429641	2.93067772	1.00E-04	0.54800253	2.38005758
3.04523418	3.12585599	2.92375714	2.95946827	2.51910288	2.80617657	2.46938229
1.62313797	2.58293748	2.14731812	1.93915495	2.90423225	1.87997864	1.97218835
1.00E-04	1.00E-04	1.00E-04	0.05198702	1.00E-04	1.00E-04	1.00E-04
3.24561554	3.51637066	3.46531459	3.39890858	3.30570858	3.06135676	3.99398686
4.34607449	3.90432257	3.77443843	3.38846776	4.1671486	4.10546024	3.54533946
2.54519738	2.72301572	2.22497523	2.50857999	2.94848824	3.03025876	2.48252604
3.80976338	3.67274615	3.34270733	3.86758002	3.5945298	3.46153253	2.91479262
1.00E-04	0.26932623	0.06228194	0.1636558	1.00E-04	1.00E-04	1.00E-04
2.74801423	3.36358451	3.66865395	3.03907402	1.00E-04	2.10918776	0.88735397
2.41796413	2.39068054	2.47856401	2.3827192	1.88877707	2.47741392	1.7151692
3.85709709	4.105741	4.91429646	4.99461403	3.36046989	3.91451964	4.5562784
2.73586972	3.21548574	3.20440991	3.35150123	2.12457338	2.69814282	2.97702772
3.27310002	3.68307233	3.3925508	3.49394217	3.4806415	3.9166559	3.23314312
2.46077461	2.9620612	2.56633022	2.71138257	2.12154193	2.08952878	2.08956195
1.17989301	1.42542356	1.3668492	1.40555404	1.00E-04	0.86074625	0.16885696
1.46267557	1.52449507	1.89458366	1.89062828	0.61235854	0.77962894	1.92436806
0.45421854	1.01794999	0.85634601	1.03291615	1.57108782	1.12923866	1.36456791
0.78440023	0.79226199	0.73793827	0.87417217	1.00E-04	0.12640632	1.01247517
2.96375355	3.35571823	2.96436678	3.04752134	1.90680237	3.28099033	2.88621235
4.55583824	4.80741572	4.32457759	4.24106309	4.44456154	4.8865398	4.40575736
3.20779541	3.79698317	3.85224266	3.91846543	2.96118108	3.53717364	3.97646129
1.9698566	2.17623203	2.32770431	2.3058459	1.61613553	2.52488975	2.20551674
2.52023885	2.91226961	2.72717006	2.7266421	2.55296161	3.24297741	3.49419123
2.59789411	2.95705949	2.89297952	3.04773216	2.56096034	3.12933042	2.37534722
3.22864194	3.38433735	2.97675743	3.20438517	3.26660794	3.07662376	3.47395771

1.75149486	1.72608471	1.88147888	1.67888933	1.44453336	2.08326111	1.89865667
1.00E-04	1.00E-04	0.13537468	0.03407658	1.00E-04	0.58316113	1.00E-04
2.56743042	2.80352296	2.6155073	2.70856672	3.13192579	3.27114252	3.05198921
3.56470474	4.08432829	3.56442153	3.55479384	3.66656017	3.87092444	3.75956116
1.00E-04	1.00E-04	1.00E-04	0.39973273	1.00E-04	1.00E-04	1.00E-04
1.56484439	2.01164311	1.97579147	1.80947601	1.60817343	1.91241998	2.6377628
3.52580691	3.85179424	4.0271701	4.01003222	3.32066889	3.95901254	3.79604233
4.04013392	4.35290196	4.75450964	4.89505399	3.82105763	4.23792708	4.71717264
2.65039898	2.92495341	3.43052888	3.58131447	3.15230587	2.61759535	3.24189681
5.2238773	5.60603767	6.63774019	6.74896631	4.80210425	5.13105266	6.40622095
3.10747296	3.55158861	4.10586974	4.17395312	2.99373817	3.30793216	4.27216928
1.00E-04	1.00E-04	0.05587111	0.04668974	0.77322435	0.47894493	1.00E-04
1.00E-04	1.09711506	0.84708068	0.94991727	2.07044983	2.70443313	2.00562133
4.28883774	4.17204815	3.76794645	3.70631709	5.01803495	4.88340706	4.41305526
1.13819061	1.48573005	0.79277174	0.79277512	1.8559288	2.42704869	1.98961955
3.27216978	3.51246107	3.68343249	3.71987669	3.39928064	3.59816435	3.53943272
1.22810889	1.32449346	1.54062525	1.43369565	0.58919868	1.91972258	2.18331209
4.64785536	4.4342923	4.52644142	4.59527591	4.26775118	3.94635289	3.65520423
5.34285531	5.53535291	6.45694275	6.52986925	4.82348503	4.85042863	6.22554503
1.33626821	2.49378642	2.23219056	2.02357672	1.00E-04	2.38295074	2.00211951
1.00E-04	0.15780826	0.20950194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.76264366	3.13656	2.9835299	3.05811157	2.93748925	3.34575647	3.30223684
0.55917507	0.57841543	0.77939041	0.49158844	2.76502186	2.84090687	2.13564711
2.18014157	1.99873731	2.05532589	2.04437734	2.83326486	2.25097487	2.15399929
4.1732791	5.11424977	3.93018591	3.948163	2.63378726	2.84218858	2.41789581
1.5064211	2.2233465	2.18217316	2.1234379	2.08881159	2.382714	2.02017326
1.75395879	2.31910603	2.07028289	2.38423602	0.49275495	1.71458998	1.79970207
1.55759613	1.49416216	1.4238039	1.5095995	2.23629876	1.97285391	1.90200433
0.64818144	0.81892715	0.64754299	0.73539513	1.87189601	0.6932434	0.93674906
1.08585526	0.75280803	0.83931438	0.95225054	0.43090184	0.27261609	1.14525005
0.36958996	0.24792068	0.56243369	0.75734553	1.2723012	0.31965103	0.69611087
1.00E-04	0.21939245	0.25372393	0.49324518	0.67563513	1.8842994	0.91355584
1.00E-04	1.00E-04	1.00E-04	0.0518905	0.45889659	1.00E-04	1.00E-04
2.95666364	3.32655586	3.42723529	3.41039637	2.99306242	3.47296879	3.58538374
1.00E-04	1.00E-04	0.12322345	0.24653399	1.00E-04	1.00E-04	1.00E-04
3.26501483	3.44724616	3.23286581	3.67384971	2.8727907	3.21776556	2.36341496
3.68045411	3.72889235	3.36177379	3.33242148	3.73715432	3.75463865	3.46881248
3.71128685	3.96793776	4.66291835	4.71906415	3.06635381	3.5634061	4.64482003
3.21215992	3.51955695	4.19534458	4.33738358	3.34890923	3.07604302	3.94080794
0.20345	0.34031531	0.11762008	0.2853523	0.67865304	0.52456838	0.21257887
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32130152
0.83645752	0.18350893	0.02893193	1.00E-04	0.69158286	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.06755005	3.96739954	3.90241751	3.87316492	3.89648729	3.7419547	3.69829471
3.09277337	3.62560748	3.66548515	3.6832885	3.00109287	3.27476372	3.4215718
3.4534546	3.18064126	3.1640718	3.3098565	4.37915724	4.61544608	4.39055259
3.65500438	3.71532432	3.66735779	3.59937885	3.55068586	3.70232992	3.9143083
1.06848461	0.29394519	0.15726851	0.33016292	0.67391014	1.00E-04	1.00E-04
2.74297578	3.16406665	3.67824257	3.63982218	1.45052045	2.69185804	3.44104987
2.66556433	2.79924485	2.73249587	2.60471805	1.97371372	3.05444386	2.80106177
0.26871703	0.18281164	1.00E-04	0.10220214	1.00E-04	1.00E-04	1.00E-04
0.43561076	0.60464582	0.21678494	0.37174071	1.00E-04	0.4651314	1.00E-04
2.63857638	2.44954442	2.92114447	3.0386793	1.64242077	1.6411189	1.7030312
3.25167311	3.40628289	3.69355517	3.60219236	2.98688723	2.82990756	3.3943928
3.68142453	3.66777707	3.51245096	3.51174236	4.01478627	4.41499527	4.01561631
2.66608384	3.2351734	3.15999911	2.84230052	3.79563359	3.85207034	4.13161859
5.16719049	5.29738012	4.88095726	4.97456139	4.19353663	4.67579469	4.19977905
0.75854186	0.19785054	0.17941663	0.37390581	1.00E-04	1.00E-04	0.42381331
4.89621365	5.12848222	4.75380042	4.58080705	4.89791293	5.3866403	4.92682655
3.27611725	3.55793802	3.88311823	4.04002475	3.4388397	2.97278923	3.43188578
2.51067802	3.27229872	3.71430095	3.58094403	2.61512176	2.83879963	4.20681245
1.66654417	1.9597203	2.65322599	2.69235378	1.4456742	2.0429473	2.6999875
2.4973855	2.5744626	2.92011124	3.00441273	2.76730776	1.8656273	2.60279373
3.41518088	3.65883445	3.71577858	3.60582053	3.79844848	3.53064326	3.60382913
5.59037581	5.68964173	5.24524004	5.27315895	5.28418856	5.45810967	4.98596933
0.6796176	0.2661941	0.58526352	0.89671741	0.82056047	0.85755503	0.89970953
0.60840999	0.71200529	0.72198614	0.82466696	1.00E-04	0.1839207	0.7259761
0.51046697	1.64467307	0.8694892	0.97790508	1.00639663	2.62724039	0.85234369
3.03740146	3.47241237	3.45330928	3.67051367	3.35866032	3.38748301	3.06714726
3.88023069	3.65455357	3.75643982	3.73530576	4.02060158	3.77661595	3.77827208
4.03993777	4.41219737	4.16882501	4.18939407	3.20796252	4.48341799	3.9112353
3.9119615	3.86329974	3.62811284	3.66156149	3.47029769	3.63376827	3.09789355
0.68865199	0.87580583	0.9396761	1.10642073	1.00E-04	0.25244024	0.60960685
4.94114273	5.16645871	4.90543552	4.8374041	5.33658404	5.55421732	5.23942593
3.4565374	3.45662474	3.5433336	3.84693873	2.86550414	2.28907388	2.51526345
3.58500363	3.83268306	3.5230219	3.40841084	3.1516048	3.52058549	2.89042001
5.1662494	5.44411001	5.03758243	4.98920521	5.43401775	5.72338256	5.23543921
4.3896148	4.67942201	4.35942007	4.27084731	4.23010738	4.28786383	3.97656914
5.58279674	5.78955439	5.34581744	5.12765645	5.60022282	5.60180499	5.15696403
1.11450571	0.51593854	0.25313805	0.48684232	1.00E-04	0.9603972	0.09760498
2.54104953	2.69022969	3.05036906	3.09116168	2.59797377	2.5437846	3.16319524
0.87380245	0.33485883	0.30008214	0.24414165	0.35320673	0.75580738	1.09290729
4.90328796	4.89746125	4.54113874	4.62041455	4.93634171	5.14538614	4.59019438
2.91431984	3.26538597	4.16103253	4.33179307	2.73796565	3.09737814	3.91496562
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1.70971164	1.80395916	1.88426733	2.00673863	1.53706782	1.71167864	2.06334558
3.94197462	4.00275209	3.57865978	3.53874279	3.7387507	4.15063835	3.68431196
1.36070445	1.48561012	1.81033449	1.45086845	1.50255143	1.57207235	2.13642403
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4.37586645	4.54276138	4.17716498	4.17816553	4.84401591	4.96906293	4.74674244
0.74573598	1.13346785	0.92470611	1.34917666	1.00E-04	1.0617732	0.3638052
2.89600323	3.08873578	3.29215224	3.29395253	2.74466316	3.44929653	3.60525795
2.33474197	1.66263307	1.36067599	2.13470479	1.62059179	1.30974336	1.7811987
1.34312812	1.2745516	2.01168332	1.94709154	1.69226462	1.9700529	2.94925394
1.50138251	2.40822519	2.68657452	2.72797728	1.43651515	2.50843396	3.06028842
1.30641268	1.25022625	0.69818378	0.87023086	0.35320673	0.49920422	1.5571871
2.68078242	2.98185326	2.73054583	2.49490771	3.48708155	3.79003007	2.643804
2.20990596	2.54329809	2.26689153	2.66562859	2.16489512	1.92923117	2.02328007
3.86948275	3.91544847	3.02972125	3.33987667	5.07816773	5.01179893	4.37745237
4.00787964	3.9321967	3.59649684	3.64344473	3.42261773	3.92831625	3.28559474
0.30573545	1.00E-04	0.21856506	0.30064693	1.00E-04	1.00E-04	1.00E-04
1.94599592	1.73537096	2.17972208	2.29914684	2.23656386	2.10509426	2.61141189
0.30752728	1.00E-04	0.22140008	0.06853424	1.00E-04	1.00E-04	0.54475696
2.97758225	3.36545443	4.30952527	4.34494764	2.43969616	3.00679117	4.37831814
3.83457533	3.87783084	3.55081507	3.6033311	3.87154551	3.88444472	3.2866496
3.89404471	4.04499189	3.82592671	3.84317167	4.14141139	4.16544944	3.75451723
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1.00E-04	0.08492694	0.0291356	0.05422614	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	0.19377968	0.68489484	1.00E-04	1.00E-04	0.49683657
3.31579672	3.42769645	3.38142045	3.15194528	3.68928376	3.93371986	4.18830982
4.60138559	4.67866655	4.29425461	4.30369961	4.41867166	4.9014332	4.17369756
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3.28306698	3.64826847	3.07505066	3.24400186	3.71100604	3.902617	3.29825099
0.19366475	0.53955508	0.25827394	0.48554204	1.00E-04	1.00E-04	0.81104421
5.45320175	5.72460861	5.41611309	5.27997773	5.41891316	5.80226595	5.43045631
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6.29666892	6.4144389	5.92443695	5.86743897	6.02192203	6.34243205	5.95705474
0.79069874	1.22013512	1.17581792	0.96536565	0.41241033	1.04457012	0.34015837

0.53694136	0.87641605	0.60376621	0.61855191	1.1656898	0.12583522	0.77904109
0.46960789	0.52171127	0.67619427	0.77484352	1.00E-04	0.52000491	0.33306335
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0.62378477	1.07860212	1.22544664	0.95576084	0.69158286	1.00E-04	1.00E-04
0.48390458	1.83464173	2.30961409	1.89714611	1.95125025	1.1010217	1.58619128
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1.22643148	1.75824641	1.77333706	1.7560798	1.40554694	0.98785412	1.06692874
2.35676388	2.37550821	2.75674211	2.80257806	1.79318965	2.19151753	2.81480097
1.22580601	0.7093683	1.06720154	1.20644814	2.13038726	1.20544935	1.36762858
0.85969574	1.88090018	1.24185619	1.73067059	1.00E-04	0.77628631	1.03090011
2.71570246	3.02972879	3.07455786	3.19981308	3.53319251	3.38377155	3.42145975
2.66745819	2.93436533	2.90582922	3.24427842	2.96051113	2.83691292	3.12723365
3.95457054	4.22560393	3.59607569	3.64343746	3.72634438	4.15627367	3.69075038
1.93150641	2.52335045	1.8865632	2.1691354	2.32576396	2.58176535	2.28306208
0.93709935	0.8480092	0.56151822	0.71156894	0.59189493	0.65957407	1.22922378
2.48937388	2.49191891	2.31454801	2.21984359	2.89654128	2.87987722	2.62983613
1.00E-04	1.00E-04	0.17947395	0.04791429	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.95332031	1.00E-04	0.14608068	0.75890236	1.00E-04	1.00E-04
2.94373247	3.14099455	3.67089371	3.77347447	2.63140465	3.16967914	3.59416353
1.00E-04	1.12791697	0.84122381	0.90075514	1.00E-04	0.62608956	1.00E-04
1.00E-04	1.24463346	0.63495784	0.65120429	1.00E-04	1.00E-04	1.23397158
4.37274763	4.97456787	4.57858856	3.95323969	6.19302702	6.43956921	5.91231021
4.33064588	4.36498643	4.00080071	4.00766929	4.18755204	4.50382635	4.29723707
3.37612449	3.34568021	3.06685384	3.16005808	3.82415773	4.16089102	3.5831034
0.36055806	1.00E-04	0.3046672	0.23537415	1.4082756	0.58430652	1.34932624
4.1957414	4.49286094	4.12186159	4.12013512	4.68216187	4.75439461	4.38150018
2.99086583	3.06146581	2.49307988	2.79537108	3.10666015	3.52210387	3.04823699
3.69881983	3.93417247	3.2608568	3.48661364	4.12263224	4.23054918	4.39222425
5.38960655	5.60395415	5.308496	5.28507507	5.34740341	5.55514284	5.0640473
4.2347153	4.46112479	4.26871193	4.29437997	4.26550761	4.06317585	3.81110125
2.75694441	2.58684716	2.84196702	3.14812694	2.27577098	2.54282725	2.69604967
5.31767733	5.48795942	5.31314551	5.23961143	4.23242709	4.59609269	4.6452266
1.94211319	2.42134417	1.82870554	2.19667916	2.12713017	2.62867974	2.05819634

1.61098845	2.81360624	2.17610586	2.5000924	1.43776737	1.64515616	1.11177499
3.40008026	3.55071507	3.17564693	3.14528485	3.27165745	3.68828385	3.10905504
6.08195778	5.96862912	5.71093032	5.65449957	6.22922055	6.00955207	5.69039499
2.73914581	2.58247708	1.82302736	1.73705449	4.81090095	4.90477856	4.53194554
4.54171068	4.47376993	4.11191445	3.97856283	5.92534619	5.9280873	5.40538637
1.80992966	2.13494104	2.26291669	1.97230784	0.98523026	1.85769274	3.06500079
2.65182403	2.87235121	2.57767929	2.47085324	3.30619465	3.34089838	3.41703716
1.15428414	0.78854126	0.66423839	1.09362977	1.00E-04	1.00E-04	1.00E-04
2.26108365	2.27968117	2.15028274	2.07442785	2.0087298	2.20038597	1.65562113
2.04189521	2.48703651	2.68028132	2.95916235	2.93004612	3.2151599	3.27112237
1.00E-04	1.00E-04	0.08526946	0.08594795	1.00E-04	1.00E-04	1.00E-04
2.87489849	3.38391064	4.13533253	4.11114006	2.16716536	2.87625648	4.12880346
2.2753791	2.77951091	3.32926729	3.38870309	1.88902654	2.35476412	3.12270725
2.48275314	2.85768787	2.95642106	3.09126084	1.78768132	2.60551441	2.946253
1.00E-04	0.28058483	0.1297431	0.04199671	1.00E-04	1.00E-04	1.00E-04
2.62445381	2.94487148	2.71143756	2.62167165	3.07993964	2.83770727	2.805424
1.00E-04	0.28921298	0.55510857	0.38521961	1.00E-04	0.77036718	1.09616877
6.42076293	6.39973121	6.13571081	5.977729	5.78305272	6.02607577	5.69358571
3.36597215	3.25970067	3.01672312	3.18892953	3.69584915	3.63261658	3.64983306
3.22095752	3.68202889	3.51535355	3.61793388	2.49310981	3.20096745	2.88211543
2.06157769	2.00149674	2.34043813	2.50753861	2.2261046	2.31836311	3.05316371
1.2584545	0.94373143	0.65826816	1.15214228	1.81224785	0.73893992	0.89278264
4.13605652	4.20872104	4.03830765	4.12766308	4.42762138	4.59388479	4.31561338
1.72323591	1.43594795	1.11794971	1.19309723	5.16179907	5.24532961	4.50038053
2.53584347	2.89843292	2.71048694	2.64528383	2.85333031	2.31831247	2.64425739
2.33433674	2.85063851	2.34758109	2.41294374	2.10767433	1.45891614	0.53213879
1.00E-04	0.19046311	0.09632428	0.23271098	1.00E-04	1.00E-04	1.00E-04
0.98930146	0.70572274	0.70616414	0.51260807	1.64222774	1.00E-04	0.558559
1.00E-04	1.00E-04	0.06014398	0.05882569	1.00E-04	1.00E-04	0.13785291
3.68743351	3.92654981	3.54333009	3.25460876	3.73315212	3.39624836	3.32903043
3.08075001	3.30871803	3.65559341	3.79036485	2.75971203	3.31314895	3.37592789
4.06355266	4.1569037	3.86205312	3.68727426	4.84182258	4.82148663	4.75667654
4.39787449	4.75201729	4.40730048	4.43263743	4.63331709	4.76704572	4.50469183
7.04321803	7.2032939	6.78553887	6.59213569	4.91391554	5.34200569	4.8840342
3.23833552	2.95120796	3.29978661	3.44976628	2.76815111	2.85365757	2.66172974
2.98474315	3.66948897	3.10696753	2.2614996	0.42938666	1.54995601	2.23507322
0.16864963	0.24290281	0.14491889	0.26785734	0.47257629	0.24630851	0.11565659
3.36500183	3.45896133	3.09096465	3.27896142	3.08123948	3.51377266	3.23707386
0.43774707	0.50810593	0.76165723	0.58800755	1.00E-04	0.35874068	1.00E-04
1.21701897	0.60279468	0.66950868	0.6132606	1.00E-04	0.52698107	0.95489506
0.47488168	0.65285384	0.70262458	0.83176981	1.62902448	0.75750905	1.00E-04
0.238384	1.00E-04	0.0925334	0.13800575	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04639525	1.00E-04	1.00E-04	1.00E-04

1.25696386	1.67598939	1.38206946	1.37293624	1.00E-04	1.04491554	0.73789455
4.95099663	5.0968086	4.88084559	4.96542409	4.60433853	4.98284634	4.7581497
1.05224812	0.73926856	1.20104817	1.47280801	1.07609832	1.40249331	1.74929652
2.44923925	2.83138441	2.5566345	2.81083846	2.32180185	2.6904316	2.02084374
1.00E-04	0.58777404	0.05573218	1.00E-04	1.00E-04	0.64256859	0.32597388
1.00E-04	0.53056086	0.03894167	0.05569574	0.66326445	0.30338957	0.48696079
1.21664877	1.63905731	1.80824817	2.08263521	1.70476223	1.32805578	1.99350479
1.09149131	2.03148853	2.03676663	1.82788256	2.14459061	3.2185186	2.56597691
0.33342268	0.04336477	0.03691625	0.26005145	1.00E-04	1.00E-04	0.09464396
2.87469399	3.21027176	3.25355054	3.19064737	2.87128857	3.14075668	3.52395596
1.00E-04	0.14155105	0.10955812	0.07421288	1.00E-04	1.00E-04	1.00E-04
0.21325562	0.23921457	0.11169526	0.11832009	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56727977	0.05378197	0.10836152	1.00E-04	1.00E-04	1.00E-04
0.27100504	1.00E-04	0.22725374	0.44236289	0.43177254	0.11240321	1.79373867
1.97262931	1.27985252	1.77653788	2.24133246	3.33201558	2.00298225	1.9821354
1.6279375	2.53665795	2.2102261	2.42445248	3.91410638	3.87332741	3.44782216
1.66815799	2.81772517	2.57095299	2.18149565	4.5398222	4.93060022	4.80791068
1.00E-04	1.00E-04	0.20905746	0.1127785	0.48823099	0.3657878	1.00E-04
4.40454679	4.58393802	4.70524252	4.72182942	4.57909244	4.75929007	5.01565416
1.00E-04	1.00E-04	0.28328776	0.0561884	1.00E-04	1.00E-04	0.40593783
4.21175571	4.30589654	4.33896914	4.46108048	3.85424863	4.04109986	3.97541227
5.39453291	5.61033861	5.25170899	5.12881727	5.47555949	5.66912968	5.19209929
1.06829937	0.68271962	0.64326779	0.74186229	1.04245051	1.11390309	1.00E-04
4.17294492	3.85941435	3.73018278	3.59884771	3.86984304	3.93751684	3.02569499
1.05076786	1.27538961	1.072518	1.37226801	1.48759529	1.85287226	2.02035575
1.00E-04	1.00E-04	0.04205253	0.05740007	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.5172193	0.43948472	0.5929284	1.00E-04	1.00E-04	0.35106062
1.53357828	1.30576632	1.14361833	1.25587561	1.87753583	2.17977103	1.54781783
0.47915434	0.31143618	0.4455479	0.72848041	1.00E-04	0.35396877	0.59925909
1.77133941	2.23656766	2.57563938	2.43000321	1.4604808	1.86808787	2.52327461
1.00E-04	1.00E-04	0.03582959	0.02595481	1.00E-04	1.00E-04	0.32597388
2.48728683	2.87739988	2.73784553	2.67046682	1.20113553	2.95612152	3.17795256
1.00E-04	1.00E-04	1.00E-04	0.06534523	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.109295	0.14407344	1.00E-04	0.13071865	1.00E-04
1.00E-04	1.33888271	1.18685172	0.68952902	2.50722558	1.29822051	2.27284729
0.86384111	0.73555184	0.86057975	1.04087761	1.00E-04	0.31965103	1.10529717
1.00E-04	1.00E-04	0.09848263	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54861822	2.28646175	1.86140573	1.70352751	3.76588997	3.14246795	2.88313532
2.45993074	2.05312907	1.87837868	1.98957446	2.09730136	2.90419689	2.50058288
1.00E-04	1.00E-04	0.04467139	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39262275	1.00E-04	0.06507136	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21853725	0.29199498	0.26889292	2.03209146	0.6337682	1.82934065

2.80983328	2.32159345	2.20651397	2.08824027	3.38721977	2.23174496	1.74721622
1.39095	0.96097278	1.28562056	1.25312361	0.65823999	1.30978913	1.26099532
0.73858843	1.00E-04	0.07442279	0.19871358	1.00E-04	0.4134279	1.00E-04
3.4809795	3.85717003	3.63864432	3.59873503	3.27362448	3.89408977	3.54082086
1.00E-04	1.00E-04	0.07669603	0.07971767	1.00E-04	1.00E-04	1.00E-04
0.57256235	1.04042942	0.72557477	0.80180798	1.00E-04	0.90395895	0.2215433
4.48721299	4.81480786	5.30557804	5.45829911	1.00877365	2.21781475	3.34291882
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1.00E-04	0.4210923	0.08350832	0.11869981	1.00E-04	1.00E-04	1.00E-04
0.3422687	1.00E-04	0.25111299	0.17057414	1.00E-04	1.00E-04	1.00E-04
3.47756156	4.63608778	4.79384131	4.35356799	5.56003487	5.89844928	6.25673052
1.49224272	1.98157084	1.2453059	1.21129893	0.84757834	1.04615132	1.2522446
1.00E-04	0.28011591	0.06757951	0.34856188	1.00E-04	0.1839207	0.13285762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46243601	1.09783388	1.49829075	1.40492616	2.0463824	2.58998347	2.03870453
2.99883514	3.05218615	2.86725278	2.91055113	3.70449654	3.91246407	3.25683708
1.94623309	2.46322648	2.19770229	2.28600522	2.75261495	2.18123204	1.48320199
0.7770811	1.50876202	0.96692184	1.06041837	1.42481933	0.87342227	1.82135819
1.31044198	1.24420109	2.0274094	1.68099767	1.00E-04	0.52557908	2.50263463
2.42573982	2.64015763	2.72749994	2.29314753	4.72437047	4.01916994	4.2792363
0.96309763	1.31499406	0.33339068	0.65997872	0.67865304	1.65024067	0.66913674
1.29662712	2.23860979	2.05394203	1.75811783	3.88778212	3.3799626	3.91864014
2.53688912	2.68023274	2.58466043	2.68157176	2.42374016	1.69664542	1.89620387
2.95792017	3.01506414	2.7573027	3.3712065	3.34276809	2.91978559	2.79815719
2.98019174	2.70885942	2.67574555	2.69850031	3.46995642	3.46656599	3.29546477
1.70408358	1.91799922	1.75024734	1.87804735	1.15796754	1.7895519	1.86544831
0.36754477	0.44278031	0.78108563	0.80553781	0.56063254	0.66325317	0.40383826
2.35288951	2.61171241	2.21276488	2.75370398	1.82183506	1.16354147	2.22863484
0.42725822	0.74240883	0.8147785	0.31817879	1.00E-04	1.00E-04	1.00E-04
2.59450688	2.53220693	2.81255338	2.86990833	2.9218768	2.93946343	2.73946939
0.44766923	1.74344202	1.56907439	1.61334296	0.88026208	2.13142935	1.38749872
4.6064807	4.43590373	4.12243094	4.14117413	2.5676475	3.00224038	2.44979265
3.64464936	3.58683741	3.31537742	3.11063149	6.62094653	7.03891929	6.3962119
1.58083782	2.30299467	1.08967884	1.288174	1.00E-04	0.86169373	1.62346837
1.00E-04	0.43039128	0.39356575	0.35211494	0.69158286	1.00E-04	1.00E-04
3.41552034	2.90779733	2.06607094	2.83018133	2.80000111	2.27997357	2.1591815
5.50336824	5.60396922	5.0859036	5.06433257	5.24197648	5.53049994	5.02788599
1.46821154	1.28710197	1.39855113	1.23038513	2.28624549	1.7708985	1.78010587
2.50561458	3.04553868	2.57497253	2.54248447	3.08498522	2.84774021	2.65556771
1.00E-04	0.25232741	0.20201397	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11270682	2.62294591	1.75996746	1.63168995	2.2858394	2.86439211	3.02043955
2.06964195	1.79209415	1.75915369	1.88168364	1.02845597	1.76376403	1.55555892

3.96614738	4.24304311	4.19688232	4.17794447	3.65423903	3.84364618	3.91915924
1.00E-04	1.00E-04	1.00E-04	0.28671984	3.26224179	3.04139924	2.77975383
0.59547301	1.19807723	0.74645799	1.24294051	1.00E-04	1.00699191	1.54232503
0.27581034	0.31974423	0.25994408	0.05666688	1.00E-04	1.00E-04	1.00E-04
4.8067084	4.87175229	4.65037141	4.8900126	4.5019853	4.34536566	4.38840307
2.11429759	2.90259229	3.16708957	3.36786815	4.1720239	4.24147503	4.66401368
0.51223661	0.73626195	0.38337286	0.24231408	1.00E-04	1.00E-04	1.00E-04
4.03428843	4.02151209	3.92857873	3.91239607	3.58569715	3.3288842	3.29389551
5.14671229	5.3777694	4.86534478	4.7288711	5.55293438	6.02851813	5.54133661
3.07897438	3.40041044	3.17968534	3.43482135	2.37368409	2.96831619	3.2246354
0.21383266	0.21582654	0.16267745	0.14138784	1.00E-04	0.37997331	0.69182112
5.06936639	4.81612452	4.51913246	4.76952149	3.32301858	3.82652699	2.9731017
1.33503085	1.36439272	0.84175277	0.93938285	1.00E-04	0.73529262	0.88018822
0.76646415	0.85718138	0.76415206	1.03798862	0.68552334	0.70287864	0.09464396
1.75254623	2.30430185	1.95201029	1.85480746	1.30174085	2.02752716	2.24523367
0.84783586	1.83462572	1.10590056	1.23790172	1.28001314	0.72874114	1.16490727
3.34357411	3.67483398	3.61516919	3.47122278	3.90724616	3.92572622	4.14252679
0.27065372	1.03511192	0.2824665	0.22441328	5.1332942	4.15543187	3.16503002
2.26184655	2.45689834	3.53380111	3.31507877	0.93145379	0.91318278	0.89011145
3.21557971	3.39417001	3.22589565	3.36234207	4.63857003	4.8866622	4.82089549
4.83425364	4.76970701	4.38129727	4.61988181	6.09657667	6.85658081	6.11343168
2.47329123	2.7417724	2.50641815	2.43071791	3.56423248	3.85121357	3.36336928
2.91035941	2.94161178	3.00644085	3.18127061	1.00E-04	0.4134279	1.21607587
1.00E-04	1.00E-04	0.16419932	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33322991	0.24064181	0.0515553	0.16206392	1.00E-04	0.5286194	1.00E-04
0.5789306	0.96727558	0.37950287	0.28696483	2.41627638	2.50166299	2.2921093
0.73552067	0.8916981	0.29500029	0.91001532	1.00E-04	1.00E-04	0.17016891
1.76774213	2.05328108	2.35257562	2.5694103	1.63064528	2.03629695	2.05824474
0.48116507	0.10558711	0.358791	0.25177745	1.92778772	1.26893709	0.70618209
1.98244509	2.34406468	1.31070431	1.29163962	0.95135801	2.08391189	2.82303853
0.64163701	1.18974587	0.55087367	0.7372883	0.99393983	0.56981677	0.73560737
2.80686937	3.46999901	3.96798489	4.06965076	3.39815945	3.43547532	4.27480494
3.57406685	4.12905746	3.73314443	3.59236199	3.72334832	3.99292484	3.58023724
4.1133308	4.3365078	4.17827224	4.03868199	4.46928824	4.77675774	4.5532458
4.21039928	4.36333419	3.91991695	3.94269625	3.37256426	3.94200199	3.79571317
2.12615141	1.92242096	1.75774368	2.02347292	1.00E-04	0.0838544	0.44185008
2.63638239	2.83086407	3.00242003	3.01066576	4.51176919	4.60378603	4.87550359
2.80196898	2.92581837	3.14142477	3.17317104	1.6146414	2.9977209	2.85005985
1.07860619	1.39234316	1.15525375	1.45769518	2.2025865	2.28388387	1.6789041
1.00E-04	0.5425869	0.24033127	0.05617711	1.00E-04	1.00E-04	0.32484108
0.14193279	1.00E-04	0.11640653	0.05324477	1.00E-04	1.00E-04	1.00E-04
3.72570513	3.87282793	4.16732022	4.30475907	3.66493075	3.62627648	4.27710934
1.53650055	1.75896975	1.22150105	1.36333326	1.66003342	1.16288427	0.79176939

1.59223884	2.17942377	2.43961343	2.53294133	3.40313848	2.81207439	2.59757267
1.00E-04	0.45284063	0.51604709	0.2551127	1.15720948	1.00E-04	0.19124552
0.44438997	0.23334734	0.31192417	0.4818924	1.00E-04	0.56588329	1.00E-04
2.206663	2.36411725	2.18945946	2.3854623	2.34183007	2.35666129	2.03228522
1.00E-04	0.26007936	0.80429392	0.74285142	1.00E-04	0.36220347	1.3929283
2.94682572	2.4387581	2.17141635	2.51301417	2.84092969	2.60308331	2.52355757
1.73736894	2.32507068	1.90308963	2.12729533	1.60208342	0.91777647	1.9156747
0.42503973	0.0723876	0.08347011	0.11614055	0.95826082	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.36648248	0.07351006	1.00E-04	1.00E-04	1.00E-04
0.72883247	1.02604148	0.87015397	1.10619014	1.3743755	1.73500462	0.68245121
1.1411755	1.06515447	1.22800947	1.2054717	2.67005305	2.29550804	1.85106284
1.03249943	1.03236209	0.90988245	0.58466064	0.24496797	1.20087421	1.23141078
1.35008443	2.6401736	2.29343105	2.39041072	1.77997518	1.76370499	2.1752765
3.95762953	4.20819275	5.16629527	5.41246054	3.25749318	3.37118792	4.76964979
3.24053428	3.21165964	3.16384528	3.41656261	2.69960744	3.2693603	3.19261982
2.00104517	3.03166161	3.10518622	2.84108416	2.08838843	3.48203335	3.55421148
3.38460602	3.76376278	3.70209252	3.98583352	1.76604326	2.15851985	1.98930684
1.09235054	1.48247928	1.69447406	1.13390285	2.97123839	3.16586372	2.82837042
0.21218854	0.28937935	0.09881736	0.03569075	1.00E-04	1.00E-04	1.00E-04
2.54717511	2.72970506	2.43876206	2.53437275	2.52241897	2.59423328	3.13196551
1.27749895	1.28369844	1.56343792	1.6066466	1.48890352	1.23863347	1.28584517
0.33342268	1.00E-04	0.26457297	0.22490946	1.63703814	0.9134188	0.65225217
1.00E-04	1.00E-04	0.22592656	0.19224765	1.00E-04	0.49495512	0.39575585
0.25385769	1.00E-04	0.41621614	0.56955362	0.88988233	1.00E-04	0.09464396
1.43282282	1.57196143	1.6227681	1.63400893	0.72994162	1.37980462	0.6567
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.40688688	0.04118967	0.0452096	1.00E-04	1.00E-04	1.00E-04
2.85558455	3.151345	3.01708516	3.20111996	2.73581385	2.88268567	3.42000583
0.66731673	1.88108287	1.20306536	1.24254142	1.00E-04	1.24434613	1.00E-04
1.287324	0.97795184	1.22155792	1.23565731	1.14974659	1.00904703	1.79474101
2.68162478	3.30924081	3.19420784	2.94858377	3.36457663	3.78130659	3.61374789
1.00E-04	0.65375821	0.15784108	1.00E-04	1.00E-04	1.00E-04	0.49683657
1.80009058	2.15361178	2.42999249	2.78292875	0.50894684	1.53993537	1.57379808
0.86120026	0.81902733	0.61594523	0.61760563	1.09786568	1.57660972	1.51896724
1.00E-04	1.00E-04	1.00E-04	0.08283737	1.00E-04	1.00E-04	1.00E-04
0.78676878	1.69176247	2.15002543	1.7473698	2.16757838	2.18753331	3.31424437
0.26044797	0.58130818	0.36328471	0.60773645	1.00E-04	0.22202529	0.08557164
0.36121852	0.06818189	0.17772175	0.12051145	1.00E-04	0.0838544	0.08557164
4.60436032	4.87638003	4.34015881	4.41723321	4.46423317	5.29169207	5.8500634
1.29848627	1.51912409	0.85346651	1.60011313	1.15093088	0.84693836	0.93428024
2.03839164	1.69482767	1.82411146	1.21014514	1.52540651	1.75819229	1.48676933
2.01481058	2.34231383	2.05257021	1.98001504	1.66988948	1.72524547	1.68089738
0.13981433	1.16523499	0.69032014	0.61047285	1.00E-04	1.0270382	0.42557441

1.00E-04	1.23426841	0.36240168	0.36017627	1.00E-04	0.53071688	0.19293133
1.00E-04	1.15913597	0.81255186	0.84494407	3.88327794	3.97038131	3.64085044
1.00E-04	1.00E-04	1.00E-04	0.06379393	1.00E-04	1.00E-04	1.00E-04
4.83600508	4.97267889	4.73110318	4.415355	5.38285409	5.72714946	5.30311125
1.18697739	1.9770229	1.87257452	2.05971292	2.26068291	2.58249525	2.32891217
0.23109052	0.35902265	0.66958549	0.55739311	1.00E-04	1.00E-04	0.48349645
3.14249121	3.02081312	3.19836688	3.225604	2.97129334	2.86941025	1.93345546
3.70658883	3.5940794	3.6572556	3.69485403	3.00221017	2.80548928	3.4466055
2.28473037	2.14244711	1.87332308	2.23431936	1.32889658	1.59017458	2.24412876
4.20888719	4.09576539	4.06065522	3.59823682	5.55782351	5.35102845	4.90549743
1.00E-04	1.00E-04	0.06399355	0.0440761	0.49833685	0.91812127	0.63566237
3.14037138	4.03950144	3.16989071	3.35298857	3.69380588	4.44269231	3.25735249
2.25097331	2.54806035	2.47659704	2.55096343	1.22465934	2.07291911	1.84527938
3.48182912	3.78059311	3.56037875	3.71797999	3.39235809	3.57887918	3.22720961
1.00E-04	1.00E-04	1.00E-04	0.04040033	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.90678877	0.82438964	0.91290742	0.40912496	0.12583522	0.82688207
3.06873033	3.16908334	3.19467321	3.24573079	2.76972411	2.86149256	3.04274326
3.18769925	3.48910128	3.73461234	3.82580673	3.00955203	3.72491179	3.88926056
4.04823339	4.02937766	3.81768744	3.77941847	4.10563648	4.53384766	4.11119984
2.39767786	2.5455867	2.18104796	2.12210958	2.40569378	2.50945617	2.58132881
2.84146968	3.1410656	3.67817947	3.92330361	1.93976586	3.10074107	3.41415958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.3055796	5.24424747	5.35960456	5.28864222	5.81093682	5.66278253	5.77141884
2.2629644	3.23181728	3.70766458	3.70288307	2.32593871	2.68223585	3.58564057
3.67209145	3.86846972	3.87767577	3.62791072	3.57934548	4.10250768	3.93033428
1.00E-04	0.34566194	0.12000127	0.50595929	1.00E-04	1.00E-04	0.32599971
1.00E-04	1.00E-04	0.05233778	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08261692	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.63201445	2.84352994	3.13305294	3.21900871	2.2738019	2.38704367	2.80719202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.00941854	1.00E-04	1.00E-04	1.00E-04	0.16257726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95416226	1.21826126	0.8647664	0.95118235	1.9363306	1.00E-04	1.00E-04
4.6224528	4.62352458	4.58672344	4.57755645	4.8411776	4.84287454	4.73686782
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1.00E-04	0.56201417	0.2966959	0.60745546	2.47415388	2.66995756	3.95194137
2.6540695	2.02090364	2.27281455	2.11509909	3.15685887	2.30640845	2.45698273
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2.40994799	2.77636003	2.86450049	2.82650853	2.95953865	2.00007573	2.66085682

1.00E-04	1.00E-04	0.12316668	0.320588	1.00E-04	0.58148952	0.07440699
1.23053553	0.55065087	0.81977342	0.9545053	2.54671305	1.73227183	0.72841457
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83634216	1.75515599	1.00E-04
3.78185278	3.7782286	3.69908497	3.62173782	4.08523127	3.58322102	3.75477854
3.77982847	3.71800349	3.7694407	3.74773218	3.9835676	4.0010166	3.69008907
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1.84751253	1.63735761	1.91547099	1.72349558	1.57820045	1.44595868	2.37711196
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5.15084393	5.18422041	5.68056785	5.54116342	4.80583551	5.01316272	5.37763376
3.62973259	4.07580367	4.384676	4.4315013	3.69361067	3.86998767	4.39525262
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1.00E-04	0.59476372	0.2103493	0.47864608	0.41241033	1.00E-04	1.00E-04
0.84965558	1.51317544	1.23361558	0.86985646	1.00E-04	1.41591332	1.6321547
1.00E-04	0.5633909	0.14998366	0.17148323	1.10345699	0.45330561	0.67296014
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3.73681615	3.82216096	3.32848803	3.35965797	4.27469658	4.35095885	3.63839667
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2.29457911	2.75048432	2.619186	2.68548256	2.0462464	2.16327422	2.22879394
3.26903513	3.49614014	3.33810171	3.41507818	2.56518467	3.15584436	2.71721535
1.00E-04	1.00E-04	0.09945142	0.10251883	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19623586	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94549879	1.95703031	2.43849487	2.44979188	1.5584523	1.98722905	2.3054941
1.44488751	1.80321383	1.84098609	1.68042599	1.64393937	1.92890206	1.83806557
3.16366217	3.24945446	3.48602051	3.45286727	3.05241271	3.08835633	3.46906276
3.4273172	3.95410664	4.4710649	4.58453376	3.15354806	4.10719048	4.6455279
2.5132864	3.14628077	2.70371203	2.68822333	2.7312928	2.65145027	2.64986497
1.90118314	2.09648703	1.54753783	1.64566353	2.21563015	2.8243709	1.50062061
1.00E-04	1.00E-04	0.05171389	0.06707034	1.00E-04	1.00E-04	1.00E-04
2.69621742	2.80645805	2.45809561	2.42264903	1.55318598	1.89744353	2.83590759
1.74649669	1.70446205	1.31402742	1.71549304	0.6891078	1.0897474	0.65986515

2.33765282	2.26997791	2.1918279	2.3850325	2.42633123	2.85830487	2.62736656
2.0508502	2.262137	2.46217326	2.65591366	1.22736446	2.06010575	2.75899409
1.4703096	2.31694823	3.20228894	3.27902502	1.95064192	1.76112493	3.0438222
1.47007023	2.43902998	2.62166669	2.64690046	0.86341994	2.24190616	2.86765895
0.87955752	0.37569627	0.48968122	0.44036828	0.74365793	1.00E-04	0.65254636
1.00E-04	0.4925269	0.74496262	0.94075332	1.00E-04	1.02800162	1.52793118
3.048295	3.53978849	3.26015338	3.39598349	3.84406598	3.50772652	3.70652491
0.51484716	1.37271702	1.17057298	1.03463536	1.00E-04	0.76346635	0.84860442
1.00E-04	1.00E-04	0.04785004	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.77212852	3.96943287	3.66070058	3.61814993	4.42259218	4.37979607	3.7828247
0.34058254	1.00E-04	0.09127857	0.06536052	1.00E-04	0.8805053	1.00E-04
0.31246706	1.00E-04	0.12411874	0.06411592	4.19845414	4.59400257	3.93904581
4.4621899	4.95263622	4.44719602	4.40379328	4.76986935	4.83904171	4.43731753
2.36206383	2.26415517	2.00912523	2.19905691	5.43772903	5.79169391	5.22425697
1.00E-04	0.20388268	0.24862404	1.00E-04	1.00E-04	1.00E-04	0.50398398
0.27089922	0.67470562	0.2603611	0.41797495	1.00E-04	1.00E-04	0.38347681
1.14016638	0.82575828	0.2655264	0.34580788	1.18902325	1.00E-04	0.26662489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61944302	1.19455699	0.77423273	0.52700802	0.84766504	1.17101037	0.14635168
2.43344076	2.42964263	1.74987809	2.13167155	3.26275059	3.62481805	3.10196942
0.60255334	0.27834148	0.18427108	0.2502528	1.00E-04	1.00E-04	1.00E-04
1.45788157	2.04892882	1.92481976	1.90231204	1.11742414	1.32926022	2.32977418
2.94448282	3.40986347	3.65646181	3.7148344	2.5119148	2.92518967	3.52650427
3.8893579	4.0111928	3.94531492	3.88975676	3.93580745	4.11597049	4.14777903
2.46954072	2.82669824	2.90653671	3.01668943	1.31339867	2.74580938	2.41871138
3.18845317	3.50959261	2.91688473	2.96702163	3.87067961	3.70261133	3.34655614
3.69187014	3.72632395	3.39422531	3.30514517	3.71433182	4.17396984	3.70078842
4.74482054	5.24242036	4.50775582	4.62451096	4.38611294	5.45259062	6.20495545
0.17300709	1.48197548	0.36621109	0.49579812	1.00E-04	0.75115662	1.00E-04
2.00812038	1.79675076	1.81537748	1.76627948	2.60354644	2.30351425	2.04107391
2.6529927	2.99063421	2.71457418	2.78234687	2.74241034	2.7901484	1.79364713
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77834053	2.21941376	2.07945781	2.27324544	2.46305444	1.66315665	2.13794059
2.6994438	3.02447214	3.41898962	3.73685237	2.04216422	2.83664819	3.43977186
3.26728028	3.70970382	4.44532977	4.47170037	2.10695556	2.99702071	4.29446508
2.02368433	2.35548271	2.10676813	1.9515453	2.38709132	2.67497678	2.7936545
1.00E-04	0.06317611	0.07671791	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.18611239	4.36144937	3.82733084	3.94147799	3.67614705	4.50191699	3.93628538
0.72914531	0.53677853	0.51131821	0.56587688	2.87413938	3.22154345	3.23832457
1.0082398	0.92956013	0.51319409	0.80810002	1.25806337	0.95840964	0.51286978
2.02300673	1.3937714	1.17051349	1.1482849	1.87918262	2.03759307	0.63333247
3.25321133	3.18001641	2.76439713	2.92720199	3.65076019	3.68056783	2.98597369
2.18020484	2.2489749	2.43947183	2.18850523	2.16189495	2.73423621	3.19944168

5.02270352	5.14413817	4.93192333	4.8625517	4.87307611	5.39840951	5.12724051
4.37820556	4.5504811	4.73611043	4.69326258	4.4569336	4.60283033	4.75272744
4.39778535	4.84607045	5.55314142	5.62260223	3.80653278	4.31914156	5.0079647
0.80666872	0.91843693	0.50227927	0.2845851	1.00E-04	0.2586865	0.46765443
2.2093236	2.44430241	2.50805519	2.48247248	1.60902484	1.66051667	2.55662031
1.90262015	2.64404	2.90153885	3.09391263	2.05300741	1.99349624	2.73417133
1.49966223	1.43142256	1.95460152	1.98354944	2.41843404	2.66638246	2.71660096
4.78413175	5.17054631	5.02577455	5.09291979	5.10431872	5.29359231	5.33179533
2.47536094	2.9074008	3.43724303	3.58171758	2.57104985	2.66069609	3.37349926
1.995154	2.22533217	2.57873663	2.7423991	2.32202258	2.33368395	2.5071861
3.13375924	3.20862602	2.87032409	2.69313125	3.26930608	3.01646948	2.79031833
2.46235491	2.76889177	3.25779207	3.40948967	2.96556739	2.17257352	3.58419117
4.25396959	4.14710762	4.03240827	4.07068903	3.91705115	4.24429308	3.91934228
1.90219026	2.45120748	1.87673855	1.98851454	3.56070917	3.04117907	2.83359683
2.90599299	3.0736244	2.53735069	2.56973351	2.66324293	2.92105862	2.38956975
4.10112065	4.43280259	4.05001004	4.02511401	4.57226546	4.53887453	4.35537224
1.11973242	1.87346239	1.67433163	1.77045743	0.82857057	1.56936315	2.05730126
4.10013721	4.41795026	4.04007618	3.92311268	4.55443017	4.36316342	3.84490957
5.11100609	5.22780548	4.7577343	4.71462918	5.26217198	5.36011181	4.84298341
4.01714069	4.20555338	3.79962786	3.8112425	3.97797493	3.95491233	3.7481385
1.26334558	1.97275102	1.54741372	1.43083549	5.61289154	5.79244307	5.33937173
2.74815476	2.82598706	2.49545481	2.42567477	1.82741427	2.55666762	2.21200318
4.04499986	4.1810278	4.53734076	4.57190508	4.00713193	3.90889388	4.36484488
2.20126381	2.05495676	1.87444194	1.99749944	2.55141296	2.5573575	2.70343981
1.00E-04	1.00E-04	0.19405639	0.08350583	2.39043971	2.62597973	2.73342431
3.72594774	3.96341358	3.88303271	3.97946002	3.72991017	3.97430221	3.61698495
3.88854135	3.71006197	3.50978644	3.3992369	4.90785039	5.07362843	4.84525123
2.73674986	2.64379037	3.21718531	3.27138902	2.71603723	2.69391868	3.12674905
0.46906026	0.942913	0.62599148	0.70634115	1.13016382	0.60536273	1.47799235
3.79660203	3.40407284	3.3645734	3.43158875	3.4383571	3.60920922	3.60943106
2.16029614	2.09130117	1.94675846	2.25765947	1.29997863	1.71748649	2.12010331
3.45012457	4.11376487	4.66183407	4.75297102	3.35833329	3.41632629	4.39991008
5.1170383	5.20248833	5.06769592	4.99500175	4.86999624	5.12724306	4.98103268
4.05490979	4.2942249	4.65685081	4.64141474	4.06602564	4.04273613	4.51535547
4.64888652	4.60484818	4.5154321	4.29078774	4.67781137	4.47227922	4.38618899
2.87289759	3.27772523	3.56064851	3.60964782	2.79912446	3.06499563	3.48413571
6.29376787	6.4262119	6.20109753	6.12845899	5.83133749	6.11022414	5.79333499
4.59428536	4.79177604	4.34158725	4.23767861	4.3178272	4.72318151	4.23310864
0.86912471	0.4741602	0.92539236	0.96614428	0.94208228	1.34883846	1.27522445
4.03416982	4.28913067	3.79143503	3.87478435	4.54494298	4.5288958	4.1770256
1.98657206	1.11965465	1.13257552	1.20734247	1.96511904	1.50362424	1.766836
1.00E-04	1.00E-04	0.24547407	0.06749148	2.08659818	1.55412386	2.88731576
3.36394587	3.74383358	4.35782169	4.581695	3.22128766	3.63509451	4.94757213

0.596772	1.58247503	1.09314521	1.01256286	2.21574512	2.30502544	2.71779163
1.00E-04	0.35716231	0.26958831	0.26334652	1.00E-04	1.00E-04	1.00E-04
3.90669315	3.78679164	3.82231493	3.6828977	3.52283064	3.63792822	4.37299212
3.87489969	4.07434109	3.8209452	3.90412525	3.39147736	3.62782522	3.50239344
2.07250923	2.39296363	1.8883126	1.96332769	1.46075374	2.28264123	2.30487679
5.53876851	5.74241049	5.34963436	5.21618707	6.36088801	6.72817602	6.05799939
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.57643848	3.78779092	4.44107105	4.54844184	3.67185065	3.6057358	3.84492864
1.00E-04	0.06639836	1.00E-04	0.0953635	1.00E-04	0.92445841	1.00E-04
0.16598082	1.00E-04	0.14199635	0.23128019	1.00E-04	1.00E-04	1.00E-04
0.25774037	1.00E-04	0.03686566	0.0700635	1.00E-04	1.00E-04	0.20283809
3.80117334	4.28270611	4.29980036	4.35331491	3.51452576	4.10365185	4.2209611
4.16475339	3.95248411	3.95036618	4.08717896	3.75517703	4.22141372	3.61321693
1.00E-04	0.46897806	0.42935476	0.3302724	0.90592052	1.00E-04	0.70159886
1.00E-04	1.00E-04	0.05908693	0.06525369	1.00E-04	0.35770721	1.00E-04
1.00E-04	1.00E-04	0.09641675	0.15185065	1.00E-04	0.40848101	1.00E-04
2.96772715	3.51395888	4.06235572	4.44702635	2.76494496	3.47171982	3.72880879
1.52933196	1.8759132	1.29890353	1.26033385	1.13487269	0.82740855	0.79971044
3.02816226	3.36399049	3.06950766	2.899384	3.56832773	3.62976503	2.8280163
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87157195	1.62663544	1.53649559	1.53864962	1.50868957	0.91975563	0.78474775
1.00E-04	1.00E-04	0.09603684	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2463522	2.08771095	2.13578186	2.40001808	1.06447444	1.29043353	1.95814661
1.185282	1.31916357	1.58398062	1.92469521	1.93260493	1.78801439	2.23920408
1.53717548	1.84648119	1.48856067	1.84514588	2.5006384	1.8201722	1.39801971
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93569296	0.88548092	0.85118593	0.52136084	1.87908869	1.21616972	0.46435976
3.4978279	3.4957924	3.79121498	4.02968564	3.05193058	3.11897218	3.7265399
2.65337784	3.19720254	3.02556523	3.2476128	2.88373811	2.18341535	2.70523165
0.39060547	1.63705808	0.61827398	1.04842191	0.84840873	1.31251631	1.56523813
2.93784407	3.1292707	3.28171991	3.37582806	3.76060171	3.63204116	3.3361413
4.38283459	4.54523125	4.37546273	4.31844246	4.33582239	4.5194887	4.62785103
2.93240985	2.88455538	3.27318542	3.1979213	2.61891875	3.32227571	3.13847439
3.71408782	4.05653513	3.95547014	3.9968717	3.56514051	4.12197208	3.89013061
3.42355901	3.60777587	3.41424422	3.34945477	3.40204825	3.48676339	3.25055878
4.71770811	4.91804824	4.55472617	4.60921347	4.90635405	4.80063044	4.44974639
6.14476018	6.2812135	5.71401852	5.72689981	1.73806972	2.83537874	3.21125452
0.75351326	1.27539556	1.01043829	0.74993981	0.45889659	0.76700811	1.00E-04
4.14649735	4.48430263	4.1659878	4.03678023	4.17610655	4.48963388	4.04626277
3.22222544	3.43935384	3.23826724	3.3835863	2.50444241	2.84158035	2.88543704
1.02238627	0.48684747	0.27031342	0.32642327	1.31205711	0.50639013	1.00E-04
3.89139958	4.05779463	4.06862001	4.20036709	3.9081685	4.10258354	4.14873563
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2.21559936	2.4682056	2.42362012	2.30492391	1.40495074	2.48481341	2.35508902
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4.41799151	4.7162076	4.38480745	4.4199138	4.31035137	4.33135406	4.32178245
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4.67291624	4.82981866	4.52979213	4.59015359	4.61365146	4.69127419	4.30198314
5.02024432	5.1256227	4.81886638	4.89653998	5.00801879	4.99763085	4.44414759
4.65707358	4.83562028	4.63296668	4.62960663	4.74233275	5.00208499	4.72913802
1.12754157	1.21273727	0.42908068	0.28910957	1.00E-04	1.18259284	1.00E-04
3.43627453	3.74121172	3.43328747	3.41762276	3.76080794	3.90154847	3.7147694
3.15867415	3.32789312	3.13615363	3.28079882	3.25747942	3.17173085	3.01621815
4.61720354	4.60497257	4.5044643	4.4722047	4.77018846	4.7632157	4.50832477
4.81619759	4.8178954	4.54745959	4.44239217	4.60804686	4.97143009	4.29031948
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3.01377643	3.49910218	3.70642307	3.74547327	2.02359976	3.29917412	4.07444307
1.31606485	0.68415674	1.01157862	1.24010124	1.15720948	1.16155625	0.39483337
3.73123985	4.18137004	3.78687923	3.75351048	4.43298254	4.81994389	4.35384976
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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3.25170511	3.33161805	3.02840965	2.87299568	2.07400446	2.58170054	2.40628714
1.27674464	1.26978558	1.03724094	1.13254401	1.00E-04	2.1141951	1.82478971
2.13859635	2.30438483	2.15792673	1.99138327	1.07452105	2.41297168	2.48074237
2.82073479	3.13999214	2.56890567	2.55929059	2.74730715	3.03155544	2.4891025
1.00E-04	1.00E-04	1.00E-04	0.09593663	1.00E-04	1.00E-04	1.00E-04
2.01918708	2.16616803	2.46325162	2.39823093	4.12574649	4.17515096	4.70089367
3.72071106	3.88092638	3.60288055	3.70350313	0.7762629	3.20297974	1.76298105
3.61058551	3.48276494	3.27787135	3.42140587	3.4482195	3.61604943	3.24169501
0.90288213	0.92451774	0.3935233	0.67148572	1.7340329	2.38560312	2.04190094
1.00E-04	0.19114791	0.10573029	0.05046638	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28503483	1.00E-04	0.15255562	1.00E-04	1.00E-04	1.00E-04

3.03557919	3.09605835	2.73585616	2.4818626	3.3628871	3.40521609	2.84207191
1.00E-04	1.00E-04	0.07718033	0.07474889	0.34492066	1.60439394	1.00E-04
4.9512594	5.13077062	4.8290587	4.67987461	6.0373944	6.26876684	5.78639292
2.92969769	3.07165549	2.68479758	2.89078561	3.07384075	3.12033755	2.10844004
1.00E-04	1.00E-04	0.09855351	0.27153338	1.95125025	1.02728806	0.16885696
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.74374833	0.27934604	0.07440699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.04852895	1.98737517	2.10933344	1.94282116	0.42197018	1.14865079	1.16061594
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.62105822	4.10808054	4.62690509	4.62167162	3.01190948	4.22283055	5.15280872
1.13301035	1.22574179	1.76046754	1.73511816	1.02750854	0.8444814	2.11718522
2.86793044	3.21764837	3.704377	3.7881063	2.34293461	2.8665176	3.90288993
1.78993015	2.28280637	2.6141197	2.91555788	1.75200028	2.1529412	3.04462311
3.33797417	4.05646359	4.90340756	4.99551244	3.18708888	3.96648357	5.103963
4.08606477	4.77480571	5.14465067	4.99064865	3.54834347	3.74034869	4.82984193
1.91521527	1.93360559	2.14682537	2.04246731	1.71995564	1.63915858	1.7724249
2.71267099	3.37865717	3.995912	3.89456384	2.52110063	2.7647568	3.8101061
1.37509614	1.69486527	1.80322332	1.97729615	1.88847522	2.03972465	2.15459171
0.36085953	1.06159524	0.46882834	0.64300474	1.50257881	2.0530157	2.2918739
2.76349137	2.70056302	3.05825305	3.12079848	2.11894904	2.63486471	2.87885873
1.00E-04	1.00E-04	0.05553655	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.54655236	4.76388707	4.421393	4.35550412	4.00610299	4.20648018	3.85854933
3.46942522	3.74564133	3.48489812	3.53950162	3.15735457	3.54593444	3.56407018
6.44750191	6.51240837	6.24750438	6.10601571	6.27411146	6.52122608	6.00745328
1.00E-04	1.00E-04	0.04693986	0.03671262	1.00E-04	0.49018352	1.00E-04
3.35136912	4.29275355	4.77227292	3.84663132	1.00E-04	0.33769545	0.40091381
1.00E-04	1.00E-04	0.06364524	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37993011	1.21929223	0.74108338	0.85918923	0.54065888	0.88271988	0.44461143
0.46468081	0.80863794	0.58216036	0.71306144	1.21478763	0.98978823	0.64766517
1.00E-04	0.18478434	0.11039752	0.12847359	1.08175384	0.98221509	1.12342481
1.70932438	1.59029785	1.53674804	1.77692257	0.59189493	1.28642438	1.35630815
2.46142329	2.78335865	2.8425665	3.14761109	2.22709311	2.20656749	2.93394622
4.74835929	4.96722544	4.3968782	4.24398155	4.89805821	5.12640473	4.70047741
1.00E-04	1.00E-04	0.17126579	0.16944948	1.00E-04	0.42442279	1.00E-04
3.77350648	3.86905375	3.76494684	3.92407898	4.06756332	4.15745569	3.97488938
3.47645691	3.60530165	3.39330303	3.54410306	3.16498624	3.2864806	3.14241419
1.00E-04	0.36821611	0.11989617	0.16693522	1.00E-04	1.00E-04	0.92812778
2.66619877	2.18387188	2.41844062	2.74808594	2.00021522	2.03727281	1.82571761
2.27859572	2.25299056	2.11023896	2.38179805	1.96440764	2.4138422	1.92880737
2.96874256	2.8904533	2.81909928	2.9801669	3.00998494	2.8885234	2.84124352
4.7201108	4.79442237	4.80490552	4.88641758	4.88168476	4.40558981	4.19610157
3.8644026	4.19322255	3.99316003	4.02609278	4.24883094	4.28582154	4.01500226

4.47327659	4.06615005	3.7864735	3.956195	5.42453077	4.97747414	4.77952364
1.00E-04	1.00E-04	1.00E-04	0.04879253	0.38488463	0.76781358	0.68913534
4.13040856	4.4989816	4.39946219	4.44043916	3.92775992	4.00607872	4.39645522
2.74400283	2.46612303	2.1142423	1.8700475	2.32103667	2.0550815	1.83673484
4.14313909	4.42650253	4.04192655	3.86946723	4.27423262	4.33948469	3.81258598
2.41509507	2.81204914	2.70942898	2.51192519	3.4821719	3.80830679	3.93691006
6.27471265	6.17588696	5.79490711	5.60414702	5.6826814	5.79316659	5.13126864
6.2693046	6.48882689	6.10175767	5.79483643	6.9219934	6.91436417	6.43532632
2.53806442	3.04876255	2.56432129	2.67173186	4.63389926	3.80837719	3.58781678
3.97942723	4.13787366	3.07108379	3.13643471	5.93731816	6.05131274	5.37074978
1.00E-04	0.05854233	0.70331566	0.22448764	1.17869931	0.42437395	0.23344149
6.67599608	7.11384604	6.57121335	6.35911892	3.82187247	4.16228445	3.79029557
3.82628886	4.11705107	3.57068298	3.59596677	0.936393	2.33624006	1.68977933
6.0055868	6.38757306	5.97995494	5.84066913	0.54293045	2.4404167	1.9660374
3.51615327	3.83958144	4.03497452	4.00491911	2.83188874	3.43827741	3.796453
3.04477791	2.88734321	2.58430837	2.79588351	2.27777884	2.54029282	1.95551696
1.00E-04	0.52813761	0.36616467	0.37558279	3.55198096	2.76662026	3.30837328
3.79342262	4.19928086	3.99441434	3.91307707	4.16933831	4.88692723	3.94074044
4.7417673	4.89073762	4.61365682	4.73689997	5.36593979	5.37358514	5.0332962
5.21525391	5.38958278	5.05859083	5.11025182	5.04959041	5.20036239	5.00556562
2.64088435	2.49361759	1.88424112	2.27968437	0.92012192	2.35687693	1.91248107
0.17887386	1.00E-04	0.04763817	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59977684	2.95337182	2.20078209	2.49562984	4.31221397	4.14748583	3.20356419
2.30493303	2.76611614	2.66629906	2.8307295	3.53152175	2.89532679	3.17142531
3.33085588	3.57049279	3.50417551	3.45148821	3.42641157	3.4920868	3.30972419
5.38122058	5.46839966	4.906532	4.8489596	4.77605342	5.01914903	4.11067377
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.57658377	0.2408081	1.00E-04	1.00E-04	0.64207707
1.00E-04	1.00E-04	1.00E-04	0.14127643	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13336708	0.04577225	3.58313084	4.1999359	3.27227802
2.82551495	3.1316688	3.57562528	3.65628424	3.10669683	3.18378302	4.0887905
4.24408913	4.42354931	4.50309167	4.62640135	3.89813875	4.14994806	4.47527463
4.15758347	4.51228641	3.94245	3.95693289	4.35430618	4.76406042	4.31441426
1.77942295	2.3073007	1.86397399	2.13264969	1.03762949	1.86109044	1.91180764
0.76203093	0.89849231	1.55662973	1.48201712	1.10070734	0.71077972	1.79590956
3.62273749	3.69398139	3.24765389	3.19620355	3.24247274	3.80758942	3.61930267
1.00E-04	0.35558634	0.11751969	0.06597775	1.00E-04	1.00E-04	1.00E-04
4.21981935	4.06807623	3.79348137	3.82874995	2.66871784	3.36760422	3.02316961
3.44428774	3.61638312	3.66525261	3.72900024	3.93883949	3.54534309	4.04501767
0.2662018	1.00E-04	0.04109528	0.06490512	1.00E-04	1.00E-04	1.00E-04
0.86998949	0.63528632	0.15859605	0.40453851	1.79632677	0.8788745	2.69262969
1.14660639	2.44700895	1.84487551	1.95675237	2.11793437	2.25262781	1.16039449
1.51043847	1.19657317	1.30979194	0.88407386	0.85135337	2.11558513	1.27347743

0.17300709	1.00254994	0.33702515	0.36268261	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15534236	0.43757676	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08045217	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17187937	0.05550769	1.00E-04	0.58826636	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31246706	0.91697914	0.50644843	0.59771718	1.00E-04	1.00E-04	0.48830516
0.28790199	0.95433227	0.23592265	0.17400119	1.52378989	1.00E-04	0.26354179
3.68273739	4.0722775	3.69202367	3.57492129	3.83303063	4.35858072	3.76437604
3.19494156	3.3920271	3.16005736	3.04004371	4.94210805	3.90408214	4.51470711
2.99307562	3.1775276	3.02569407	3.09457528	2.68257152	2.88590483	2.64190415
1.00E-04	0.66521174	0.1985121	0.03677057	1.3908018	1.00E-04	0.87445155
1.42511983	0.75428462	1.39720016	1.32462397	1.15985503	1.62153038	1.29327338
1.00E-04	1.00E-04	1.00E-04	0.17448099	1.00E-04	1.13880314	1.48784441
1.00E-04	0.60730611	0.17450123	0.19552244	0.74462267	1.48740073	1.11087355
0.34379541	0.90927717	1.03425516	1.26315652	1.57632137	1.80206602	1.25766615
3.1909721	3.28712278	3.4743062	3.33019452	2.6034893	3.23314875	3.23149957
2.29456585	2.81999629	2.66712891	2.72822501	1.97434275	2.86823776	2.69102653
3.37819844	3.78859164	3.18825607	3.19097849	3.42104016	3.30359036	3.00244478
2.75514858	3.06861652	3.20976911	3.2306467	2.55541397	2.87372489	3.32223487
2.46805977	2.86228249	2.93700004	3.00191367	1.95276893	2.83877625	2.67515677
4.4190237	4.53673082	4.56221166	4.62439434	4.59442399	4.60205092	4.4909971
3.62391131	3.50219328	3.32105026	3.31525711	3.30978885	3.53657174	3.50470235
2.69675922	3.05553412	3.02844834	2.79762749	2.16534422	3.35728771	3.04049794
4.86496664	5.21739112	5.03317402	5.06614723	5.14530244	5.3530185	5.2631802
2.1056569	1.38910915	1.13842729	1.4414814	1.95367556	2.22468327	2.19495509
5.56170902	5.66357086	5.56490616	5.383409	5.5164378	5.45681714	5.43062346
4.55436886	4.85550365	4.6095822	4.73435844	4.69973292	4.61718463	4.53114199
1.00E-04	1.00E-04	1.00E-04	0.08124757	1.00E-04	1.00E-04	1.00E-04
0.41772674	0.66990679	0.93231582	0.87854483	1.00E-04	0.8300569	0.09464396
1.97645229	2.48714511	2.80103151	3.06693558	2.52447356	1.96423342	2.58001225
2.709771	2.68361945	3.02165843	2.89341194	2.99437138	3.33882412	2.89442247
2.93567693	3.15236537	3.1732815	3.17779066	2.54983654	3.3977164	3.02880206
4.2356511	4.45411405	4.1082188	4.11277281	4.57135009	4.56636344	4.31988462
1.07023371	0.90187762	1.0181328	1.08466188	0.24496797	0.39240942	1.9662014
3.63021336	3.45245798	3.24266101	3.39176532	3.61014489	3.32980603	2.96985205
3.92207544	4.28555011	4.71115435	4.7965261	3.7098846	4.35132419	5.01909381
2.16055134	2.33294799	2.45137299	2.47259027	1.17579621	2.0980072	2.49389506
4.6468088	4.80696412	4.43894004	4.54702314	4.82521673	5.07874661	4.6298975
1.00E-04	0.92643987	0.56671658	0.74136461	1.00E-04	1.00E-04	1.05333121
1.00E-04	1.00E-04	0.20228116	0.19589384	1.00E-04	0.23689648	1.00E-04
1.00E-04	1.00E-04	0.07553415	0.26159061	1.05772513	1.00E-04	1.00E-04
1.00E-04	0.0982775	0.15093902	0.43363301	1.00E-04	0.47271466	0.39482083
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.6736142	0.31327585	0.35004019	1.00E-04	1.3115171	0.65022801
0.38968774	0.28821883	0.17535075	0.17002322	1.00E-04	0.23689648	1.00E-04
1.24575602	1.71278014	1.15765556	1.20921833	1.00E-04	1.00E-04	0.50751015
1.41817489	2.29009097	2.378684	2.40349948	2.31248135	1.69472777	2.40843764
1.00E-04	0.06166075	0.60693283	0.50828899	1.14379378	0.2827378	0.64966347
0.8372646	1.00E-04	0.61008718	0.53086283	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.2010381	1.00E-04	1.00E-04	1.00E-04
3.22475453	3.43813482	3.44477772	3.2282327	1.98203198	2.22577502	1.98441918
3.64982317	3.03995344	2.53861516	3.29489732	1.06378519	1.72869036	2.3063778
2.78614632	2.76943106	2.75208742	2.79474656	2.05128755	2.95035883	2.55496267
3.04133348	3.03865664	3.13635433	3.21379978	2.97216055	2.41635731	2.41024236
3.40094179	3.76730024	3.46373418	3.57670187	3.79639323	3.62566397	3.51976067
5.57739091	5.75060604	5.40766799	5.33825115	5.2816197	5.36070816	4.7135559
6.04456676	6.04505048	5.82084573	5.83866515	5.94782519	5.97998574	5.69234144
0.48586536	0.56812004	0.46737323	0.62121404	1.15425958	1.38884385	1.84976207
1.69144696	1.00503044	1.56744635	0.55756794	0.55791444	0.772995	1.8631958
1.40517789	0.7445243	0.76985303	0.99393413	0.42197018	0.54086741	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08283737	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1334427	0.11767151	0.74365793	0.25927897	1.05503193
0.23936956	0.84709864	0.31011933	0.63615276	1.00E-04	1.00E-04	1.00E-04
1.24723383	1.50718936	1.14090122	1.35630616	0.39382455	1.07379915	0.62311683
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22133858	1.00E-04	0.55308547	0.54048029
1.00E-04	1.00E-04	0.11729702	0.30883119	1.00E-04	1.00E-04	0.3937581
1.59216416	1.11442066	0.75574871	0.79667737	1.00E-04	0.62977552	1.61805499
0.89643954	0.37094087	1.32613876	1.65926829	1.00E-04	1.6371489	0.65064544
1.00E-04	1.00E-04	0.16934958	0.13047085	1.00E-04	1.00E-04	0.5177364
1.00E-04	0.22682376	0.31324546	0.44362814	0.51366621	0.76280617	0.16770769
0.69437476	1.30511719	1.28845523	1.38071484	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.50151594	0.50652299	0.37720106	1.90143455	1.23780425	0.81027642
1.00E-04	1.00E-04	1.00E-04	0.05276231	1.00E-04	1.00E-04	1.00E-04
0.4547528	0.84192552	1.00E-04	0.20160692	1.00E-04	1.00E-04	0.26067223
1.01952629	0.63238936	1.0713256	1.04826983	0.45889659	0.25871909	0.49180628
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08746794	0.09800665	1.00E-04	1.00E-04	1.00E-04
1.00902	1.42955649	1.00501455	1.14409791	1.46544208	1.66976089	0.58649516
1.00E-04	1.00E-04	0.04443525	1.00E-04	1.00E-04	1.00E-04	0.780778
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63609922	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01387447	1.58522983	1.2241552	1.38359163	1.02491811	1.02278275	1.55803012
1.00E-04	0.5698033	0.28619824	0.20504481	0.78094411	0.66930067	0.99217104
1.77165167	1.43437192	0.93045955	1.01768553	1.2831225	0.91432803	0.42075573

1.00E-04	0.69788594	1.15672331	1.04584951	1.00E-04	1.00E-04	1.00E-04
1.84563224	2.09969142	2.80990222	2.80524809	1.40269302	0.62208279	1.00E-04
1.3513106	1.23396074	1.10572955	0.92796918	1.00E-04	1.43438902	1.11724861
0.28195471	1.00E-04	0.09633665	0.17222301	1.00E-04	0.96911397	0.62852461
1.00E-04	0.29780087	0.15810564	0.14370966	1.00E-04	0.2496013	0.11808513
1.00E-04	1.00E-04	0.03636726	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.58688689	2.68316099	2.60942268	2.62760834	2.52394685	2.99567037	2.90662509
0.95583972	1.28959567	1.09752875	1.01486811	0.54050558	1.31031692	1.67805869
0.34968016	0.28568217	0.60897476	0.47938859	0.54258268	1.00E-04	1.00E-04
2.54457851	2.94150537	2.93181088	3.02052284	3.94515487	3.49766777	4.07301014
0.51392987	0.94025015	1.46908376	1.55769651	0.69863195	1.08156922	0.67429255
2.93681031	2.94978929	3.35210053	3.59044333	2.55861566	2.80686702	2.74951191
5.07979604	5.42537595	5.44303069	5.3304365	5.04529577	5.45074735	6.1030959
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.47149217	3.03027121	2.67213696	2.85978087	1.31211628	1.80060301	2.2516044
0.57945513	1.8891121	1.65160267	1.16904217	1.39387802	1.05337137	0.84304575
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.02233962	1.00E-04	1.00E-04	1.00E-04
0.68661085	2.08864694	1.00201933	1.50247231	1.66483732	2.0206929	1.92259803
3.73864861	3.77984722	3.65682134	3.54769763	3.57003711	3.84472113	3.79927202
4.62832656	4.7893379	4.43128511	4.34955359	4.78231677	4.886484	4.5402527
0.97704938	0.94634772	1.03715541	1.38930804	0.768034	1.24023373	1.88098651
2.58713576	2.88817021	4.0065293	4.02584058	1.8992946	2.82082675	3.85390943
5.10846447	5.11512235	4.99142828	5.19084327	4.33522863	4.2363207	4.14940773
2.35889534	2.89330975	2.51294983	2.53826254	2.71060047	3.02043622	2.67042115
1.00E-04	0.06771236	1.00E-04	0.05615454	1.00E-04	1.00E-04	1.00E-04
4.35722595	4.63476075	4.73590112	4.53077727	3.63992981	4.03928504	4.63878885
3.83241449	4.39258141	5.01500753	5.1387434	3.14994962	3.99135726	4.92472822
3.65843729	4.06796915	4.35143668	4.5119317	3.35891486	4.25958834	4.27154386
3.44058238	3.92262664	4.50638731	4.5394019	2.56645563	3.24999464	4.36675401
3.69072111	4.23309291	4.6004139	4.70846443	4.08460253	3.93078461	4.19662603
3.85737307	4.32579916	4.57157773	4.519542	3.78478426	4.20917248	4.61959184
5.04994991	5.55437604	6.220535	6.28045135	4.00945984	4.52552899	5.60765381
1.00E-04	0.19046311	0.10411828	0.11512179	1.00E-04	1.00E-04	1.00E-04
3.79625269	4.3523298	5.02845231	5.13177062	3.58596293	3.88852638	4.99724993
2.87979659	3.32411693	3.95827472	3.90752755	2.38443896	2.7491887	4.05018757
2.79455991	3.33453556	3.64211362	3.58459178	2.81760235	3.5822213	3.92002857
2.84527999	3.60676074	4.16290089	4.27284782	3.09319555	3.0338796	4.06746443
3.07000534	3.76015637	4.33324175	4.45142536	2.9688748	3.37905661	4.25678789
1.86674756	2.52064127	2.92713386	3.06146915	2.88317728	3.44536075	3.87548485
3.20461083	3.87411009	4.63947394	4.78177868	2.68943625	3.32947126	4.50637836
4.33328357	4.62660881	5.16936209	5.25748144	4.15850595	4.52374536	5.18423206
4.13599725	4.77885839	5.46713919	5.6307814	3.75919535	4.45230534	5.39520937

3.89636063	4.8139214	5.54543112	5.63658026	3.87314546	4.57661826	5.52718117
3.00335804	3.36610466	3.53181883	3.65455427	2.86530167	3.12386147	3.55922777
2.64859491	3.50386	3.59405907	3.69248508	2.85349657	3.15136756	3.55259926
2.03951842	2.91587296	3.32341067	3.5065745	2.20598297	2.80881562	3.32840537
1.55097494	2.12365559	1.98867858	2.33803523	1.56067902	1.69269086	1.8849568
2.87371812	3.17768969	3.75460342	3.72675096	2.71988747	2.60632536	3.24912841
3.3066863	3.63761165	4.21422063	4.26190854	3.19661777	3.12085118	4.14357152
3.40369223	3.57267593	3.58945668	3.62623267	3.26361918	3.47310946	3.5533932
4.25371961	4.57809878	4.2949033	4.35814459	3.85674534	4.36497505	4.09744405
1.90396157	2.49595805	2.56374009	2.59095983	1.15164085	1.48130068	2.42212424
3.61745771	3.95334198	3.93398555	3.98684625	3.74666818	3.87354715	4.08016976
3.61182537	4.02721119	3.947134	3.95126122	3.8030361	3.91833663	3.92083061
3.17875327	3.68624254	4.0415271	4.08991216	3.33773618	3.72453558	4.00674601
4.40098664	4.76255592	4.52509406	4.41130819	4.20333911	4.46899832	4.24444039
3.49059458	3.58084816	3.88888424	3.93416941	3.30224614	3.57258113	3.94940496
2.93023854	3.43728595	3.3533456	3.39942971	2.76974481	2.86499531	3.1398899
3.3454596	3.76678914	4.14707505	4.11019848	3.12300262	3.44058271	3.82360386
2.71617068	2.83380606	2.5977614	3.07136731	2.99331866	2.98588402	2.74601558
2.98073446	3.5084109	3.64524767	3.61705939	2.64927595	2.88784003	3.38874527
3.56199561	3.98917741	4.31148871	4.35986129	3.68396017	3.62988073	3.96772688
3.2984121	3.84019145	4.51325056	4.58234699	3.09157258	3.43208881	4.26329579
2.41452451	3.26636972	3.67569277	3.9063303	2.26424738	2.773597	3.13139803
4.37630245	4.8506966	5.63679414	5.64109877	3.66278661	4.20379226	5.19333176
3.46462905	4.04741751	4.47848307	4.48157702	2.93867711	3.74307884	4.63694569
2.45034769	2.95639545	2.76841625	2.78483166	2.16386961	2.8444099	3.0967957
5.40299596	5.45733237	5.17210604	4.9926182	4.97889441	4.91440574	4.56317439
3.62597615	3.75438721	3.68384722	3.68088513	3.40139344	3.77783642	3.7786048
2.73188296	3.23245737	3.37926497	3.57997548	2.43560198	1.87565155	3.03716579
3.07404763	3.44072442	3.71525431	3.83053832	3.01205016	3.17796205	3.57993769
1.58384658	2.35821588	2.71761227	2.67288507	1.90640894	1.91403048	2.64290616
1.92481629	2.78531736	3.36900368	3.59721802	1.4150831	1.89788444	2.80863426
0.38262809	0.24313712	0.09048575	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.48519344	5.54243038	5.25128069	5.10654199	5.62084381	5.81831016	5.49817478
2.82371834	2.95200269	2.67322908	2.88424689	3.4097994	3.2844365	2.96881073
0.62532344	0.75982929	0.6383522	0.43156622	0.50488113	1.14579732	1.34533273
1.00E-04	0.3906698	1.00E-04	0.1719619	1.00E-04	1.00E-04	1.00E-04
1.65210901	1.61428551	1.99726678	1.91144046	0.78479414	2.06554892	2.11852755
4.29192969	4.36151268	4.74206805	4.82416603	2.20362863	2.35115488	2.84933379
1.19075163	1.96287974	1.31526107	0.81732076	1.64222774	1.9511882	2.69813339
1.3000703	1.64214738	1.81833219	1.74668083	2.50895618	3.00737554	3.11224986
3.99489948	4.09308474	3.97331163	3.93834207	3.77735231	4.22107489	4.03699792
3.92968516	4.08181043	4.06687766	4.12200197	3.5251015	3.78258367	3.81252185
4.92574914	5.27038512	4.82039002	4.71149093	5.10327999	5.45973372	4.88137422

5.63467523	5.81967862	5.53539503	5.55118973	5.92770183	5.78874352	5.59107604
2.30258857	2.62336211	2.31044723	2.43977319	2.6058879	2.88291283	2.41762718
3.71694107	3.79467543	3.68898208	3.72487187	3.57452543	3.7135045	3.40906156
0.91216708	1.25128973	0.82887666	1.14038795	0.92400111	1.68343516	0.86567882
1.98704524	2.71185306	1.99265868	2.20204606	2.55229794	2.68735087	2.43125993
1.72874112	1.33974926	0.43301824	1.32175325	1.00E-04	1.00E-04	0.57462002
0.52769583	1.00E-04	1.00E-04	0.06245385	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13676338	0.81641064	1.00E-04	1.00E-04
1.00E-04	0.70825739	0.2296756	0.55220437	2.91924368	2.84212369	2.27914762
3.93147377	4.18996617	3.91864455	3.82757435	3.66232268	3.91000541	3.58975115
5.2554331	5.42223574	5.05176805	5.0527647	6.13774991	6.03399167	5.45456209
2.92051336	3.39889079	2.92551864	3.18962908	3.5093818	3.49640856	3.57398619
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05536781	1.647695	1.95265276	2.10652328	1.95683413	1.50132267	1.08697256
1.00E-04	1.00E-04	1.00E-04	0.11276015	1.00E-04	1.00E-04	1.00E-04
2.4386847	3.70626065	3.97968706	2.736773	2.79317457	3.59500705	4.68589147
0.44697748	0.40535697	0.12563526	1.00E-04	1.00E-04	0.27606067	1.00E-04
0.90122662	0.44050471	0.8322709	0.73985989	0.4683059	0.50113058	1.11868309
0.95642877	1.57373764	0.41857325	0.26277911	0.78234266	1.00E-04	1.00E-04
4.04714921	4.09701311	4.09338111	4.06828804	3.81559648	4.30288451	3.79644796
1.00E-04	1.00E-04	1.00E-04	0.05278224	1.00E-04	1.00E-04	1.00E-04
1.46745436	2.39667012	2.59974433	2.42973174	0.42197018	1.78051315	1.90556365
5.10978006	5.51382177	5.70771011	5.74498319	4.87073053	4.97873072	5.31788407
1.00E-04	0.31782811	0.22436804	0.14370554	1.00E-04	1.00E-04	1.00E-04
0.36336616	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.73960333	1.00E-04
1.26393305	2.0249326	1.28808978	1.46338937	2.72644507	0.68830121	1.40177228
1.00E-04	0.24257882	1.00E-04	1.00E-04	1.00E-04	0.42218041	1.00E-04
0.42160406	1.00E-04	0.10091248	1.00E-04	1.00E-04	0.50308498	0.85946014
1.45847684	0.92826853	1.61352301	1.22117314	1.00E-04	0.68985731	1.50349452
1.6444075	1.17484521	1.30461269	1.62269515	0.50894684	0.76083558	1.1844086
1.00E-04	1.08334094	0.86124443	0.53826781	1.00E-04	0.58193508	0.91803851
0.24193707	0.96448081	1.08406508	0.9813351	1.00E-04	0.89116519	0.78952973
1.00E-04	1.00E-04	1.00E-04	0.09782966	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06705714	0.12369378	1.00E-04	1.00E-04	1.00E-04
0.98295117	1.64347892	0.80913114	1.17745206	4.37899295	4.95226151	3.99924534
4.95530283	4.98040041	4.60026249	4.57367692	5.02505561	5.3287224	4.79605543
2.20127984	1.86536108	1.16262273	1.27765553	2.32492804	1.85912544	0.9596803
2.18630028	2.35906266	1.70277782	2.00372598	2.78931301	0.94307828	1.2335792
5.94717297	6.03587128	6.70330273	6.64645092	5.47610946	5.58795186	6.44657069
1.00E-04	1.00E-04	0.07680556	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.17272967	4.39004654	5.15316902	4.9234916	2.66748218	3.00026217	4.11717697
1.00E-04	1.00E-04	0.06028474	0.22317243	1.00E-04	0.55442962	1.00E-04
2.49976883	2.5784786	2.82656669	2.80272	2.35865685	2.69351819	2.48207194

3.32887729	3.81210947	3.83825074	3.70973653	4.47264109	4.51691146	4.60120002
4.73449749	5.04033647	5.13498479	5.287818	4.66510036	4.90879404	5.2836614
1.00E-04	1.00E-04	1.00E-04	0.04549659	0.24496797	1.86988198	1.84641573
2.39227776	3.00799639	3.02095845	3.0794581	3.08697128	3.34904815	3.23913018
1.55713195	1.67107287	1.12869844	1.23839391	2.30485671	3.08632991	2.41298997
3.10476695	3.48078125	3.92516284	4.11358491	2.74035631	3.57520243	4.04961161
5.35439813	5.73626823	5.31785973	5.0834633	6.07504477	6.02080471	5.56164381
4.43711763	4.67501364	4.29086524	4.31463699	4.32288306	4.53119502	4.01560245
3.87870655	4.00965321	3.83341272	3.71325547	4.64087313	4.57607567	4.91145453
4.10477075	3.93602573	3.36860197	3.44779003	1.00E-04	1.61609275	2.14491742
0.76984694	1.54513114	0.71105065	0.57796548	1.00E-04	1.14936978	1.3568456
3.24719891	2.72144012	3.20557477	3.32038778	2.8859389	2.52593512	3.18482552
4.94165864	5.19312918	4.78672979	4.90183353	5.26092878	5.52920857	5.08736141
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.98875283	0.20722456	0.43761258	1.00E-04	1.00E-04	0.80536452
5.72337686	5.60345879	5.696181	5.49109364	5.01419087	5.08808566	4.90195403
3.12490961	3.44521271	3.20780749	3.32034281	3.58705051	3.65290479	3.57623388
1.00E-04	1.30265429	0.25222187	0.49791954	1.00E-04	0.8496364	0.77283799
5.55497617	5.79749413	5.49752531	5.49444368	4.35753404	4.30940943	3.88246852
1.00E-04	1.00E-04	0.07780562	0.08833538	1.00E-04	0.38639393	0.09464396
3.32728399	3.94513297	4.02866972	4.09700676	4.59613925	4.74890737	4.91361746
3.78576824	3.77762345	3.79252472	4.01093351	3.12347417	3.43831937	3.54551611
5.52755846	5.8453938	5.25495571	5.30359599	4.88357963	4.99291482	4.86726952
5.46848212	5.67661535	5.45421231	5.34214341	5.50204088	5.67611529	5.41466299
0.90458826	0.51484655	0.38189136	0.94122156	1.00E-04	0.88003082	1.00E-04
7.58562781	7.64100823	7.55150273	7.54618569	6.92230777	7.16857256	6.92526133
3.68242507	4.08296947	5.19584841	4.98475816	3.02208724	3.61058013	4.5125992
1.33620533	1.22779345	0.70572089	0.92447812	0.92804371	1.14765473	0.43911294
3.37541584	3.50975975	3.60969198	3.67412158	3.95898172	3.31762226	3.20233425
1.20250937	1.39898755	0.74198452	1.19912125	2.08881547	0.62774314	1.01252026
1.21109136	0.26548509	0.52033063	0.62538213	3.91553857	4.33975149	4.13083676
0.22787797	0.6431899	0.27210396	0.25039902	1.00E-04	0.21702837	1.00E-04
6.17091232	6.21836352	6.07236289	5.63677452	6.67804305	6.8163706	6.4120293
1.41091229	1.80740206	1.30781297	1.45044521	3.18587476	3.47544157	3.35464666
2.15861787	1.77809989	1.66156073	1.74155629	1.00E-04	1.90529211	1.65294257
1.00E-04	1.08364145	0.50130063	0.51709709	1.00E-04	0.92997193	0.3392339
0.44503266	0.86214516	0.55615504	0.50917036	1.00E-04	0.43964933	1.01591764
0.97372165	0.53580892	0.8461284	0.55870935	1.42304067	1.69913546	1.74703665
0.44465917	0.06639836	1.00E-04	0.2504556	1.00E-04	0.48673018	1.00E-04
1.00E-04	0.46166237	0.22853265	0.55354438	0.69158286	0.40239698	0.36812399
0.57998304	0.48113033	0.51538654	0.33824816	5.47513013	4.20481508	4.05870689
1.54328887	0.63778848	0.72008713	0.76046838	1.00E-04	1.06075722	0.64666221
0.56089374	0.6591752	0.2064098	0.21948914	1.00E-04	0.86774896	1.00E-04

1.06121704	0.80131929	0.61507463	0.6380918	1.00E-04	0.51836159	1.00E-04
1.51850928	2.5953372	3.20537807	3.39223545	0.69685392	1.42297233	3.06084461
2.69775622	3.30158174	3.22750488	3.15358067	3.00336784	3.34715315	3.30277375
1.4346649	2.1899366	3.35676251	3.28255996	2.14301611	2.54063441	3.87590964
1.91465218	2.40974391	2.68366559	2.7937473	0.98357083	2.33907057	2.16516396
2.78756193	2.62148612	3.27090206	3.99947072	0.50894684	0.95157669	1.46778356
3.55917173	3.83733847	4.05419725	4.03694785	3.45465799	3.49402238	4.01368426
1.15449196	1.57784284	1.48843848	1.41250944	1.31959615	1.74033244	1.5280987
1.00E-04	1.00E-04	0.19537387	0.08472125	1.00E-04	1.00E-04	0.82532652
0.43813175	1.00E-04	0.36460465	0.26243531	0.59189493	0.86888676	0.13866036
3.2575283	3.41866973	2.96946663	3.09242035	3.91377437	3.90029021	3.16820511
2.97656442	3.64680807	4.00216979	4.1722003	3.34211513	3.02872659	3.55080664
5.4165944	5.63975635	5.25599042	5.20221669	5.55084311	5.91187106	5.36858049
5.83358451	6.00472584	5.5303594	5.4887566	5.85546988	6.00289606	5.54125724
3.66195903	3.80602592	3.64622694	3.78469043	3.50927475	3.81650955	3.71301389
3.82005072	3.81029161	3.8024669	3.82042507	3.64248835	3.48158083	3.66088771
1.00E-04	0.43229162	1.00E-04	0.14230661	1.00E-04	1.00E-04	0.19293133
2.97342593	3.03146151	2.74355257	3.05131399	3.24836438	3.30843461	2.5788593
3.76304692	3.89326071	3.67903995	3.62360922	3.62240303	3.9667716	3.71471266
1.3400797	1.7878275	2.08759921	2.14787892	1.00E-04	1.24182124	1.69288367
3.81403219	3.85753048	3.42807121	3.54064616	3.95894977	3.50605212	3.94517636
2.24884509	2.61227288	2.55150978	2.64985343	2.38686067	2.64457965	2.92267264
0.74258268	1.01899514	1.04319812	0.94356522	0.99131438	0.99949452	1.24770794
1.00E-04	0.71148931	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19693127	0.88605252	0.43817121	0.48707918	1.00E-04	0.14310979	1.13312416
1.45134725	2.47596163	2.99582306	3.05334215	1.55170605	1.78999219	2.07667167
3.45044045	3.74556956	3.84198077	3.98268495	3.37405028	3.52742939	3.567959
3.12792685	3.00844827	2.77101963	2.82921336	2.37282667	2.32043902	2.62865627
3.96145424	4.00068442	3.85693944	3.96501287	3.69509325	4.11138664	3.75478426
1.38264061	1.30431022	1.07153583	1.47453632	0.93372628	1.84911814	1.82296714
3.02706807	3.33667687	3.11670694	2.98810773	3.30475831	2.91846265	2.87678556
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15520142	1.65284848	1.55425525	1.2801283	2.69755386	2.15296051	2.66630996
1.24224513	1.90130942	1.61683724	1.44644923	0.96100407	1.88359377	1.69771969
1.34913705	1.87760765	1.01453449	1.43285739	2.79053704	2.05680908	1.30801202
4.36680744	4.35632438	3.92272562	3.87058319	5.26202923	5.64861423	5.27826024
1.79434931	1.28869753	1.62295056	1.68920993	0.86124212	1.93462829	2.35134077
1.91740422	2.0836048	2.56546713	2.57460925	2.36063284	2.1598911	2.53817604
3.6865275	3.60185816	3.51382949	3.48929573	0.96479105	0.65075576	1.29489462
1.00E-04	1.00E-04	0.08558287	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.56812827	3.48809491	3.10366078	2.9101203	1.01957699	1.02625172	0.25085059
3.08091855	3.51325631	4.56477083	4.38215901	1.9967042	2.42747173	4.5918989
0.78772689	1.26808674	1.48993009	1.9712481	0.40674922	0.64889726	0.07440699

1.30906887	2.18090545	1.77501353	1.92457709	1.52101824	1.6283294	1.00221179
0.90477058	1.34370649	1.26755228	1.57802731	1.00E-04	1.43505811	1.0786086
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.33483481	3.14145992	2.87260387	2.92861961	3.08724071	3.06117387	3.09340133
2.10808623	2.55798399	2.31992019	2.22275587	2.06115611	2.10093367	2.64723329
2.05095098	2.72199597	1.49204444	1.45642162	2.25276163	1.66644353	1.11623727
1.00E-04	1.00E-04	0.04654189	0.23540284	0.52105756	1.00E-04	1.00E-04
2.62197478	2.39790715	2.51194964	2.68630902	1.36037088	1.86375548	2.49994281
4.3429402	4.50685523	4.54061418	4.59884527	3.36869093	3.62679082	3.72453547
2.39980937	2.46352825	2.63612951	2.91550424	2.03051064	2.40929348	2.22758229
2.74344687	2.91582977	2.94695083	3.0414489	2.79998069	3.20629056	2.82148081
2.92894751	2.66682016	2.27358749	2.55401843	3.57149526	3.4388188	2.94720615
1.00E-04	0.33467736	0.08164411	0.0623285	1.00E-04	0.0838544	0.11188224
1.00E-04	1.00E-04	0.17864785	0.23851038	0.41241033	0.48283159	1.00E-04
3.31919786	3.54644486	3.88958886	3.97235617	3.25949918	3.23400992	4.11244132
2.6018349	3.04430767	3.19579168	3.45119547	0.52105756	2.52174299	3.4313909
5.21079866	5.23851589	4.93738684	4.84482263	5.77599882	5.72974073	5.81978233
0.31577327	0.87441717	0.31951204	0.22177761	0.69957662	0.36825895	0.28086847
2.17938558	2.57773915	2.25224749	2.149259	2.4263376	2.33802173	2.54915979
1.79104569	2.13398472	1.38771842	1.19652986	1.00E-04	1.15957778	1.4369196
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93243555	0.29688924
4.76622784	4.84081338	4.3748163	4.35809163	4.60822073	4.98301695	4.34887599
1.19668267	2.48523327	1.91531053	1.76227848	0.52105756	2.26624466	1.48456971
2.63999796	3.27670984	2.90374054	3.01870732	2.77990202	3.67464947	3.55221117
3.77069454	3.87403387	3.36661884	3.51802262	4.23654889	4.14311723	3.69183807
3.23500335	3.58452148	3.34598432	3.37092433	3.52682233	3.51887733	3.8742551
2.62750299	2.88712667	2.50881334	2.39463467	4.44274667	4.78725809	4.12016437
1.89615137	2.06869563	2.08163842	2.27005924	2.29519101	1.90566473	2.32636066
2.38643299	2.33006763	2.1799497	2.34592129	2.34555248	2.85447479	2.08907357
1.61086162	2.42849119	2.88272112	2.67445847	0.89553159	1.47418234	1.41455336
4.34555219	4.32445091	4.03346781	3.96815482	4.1978983	4.30278174	4.00452242
4.85166609	4.88712126	4.46901321	4.37896268	4.95368597	5.20833416	4.73511996
5.29672527	5.65710398	5.26381087	5.31434445	5.58720079	5.74398643	5.44043027
2.92343177	3.25011515	3.19633659	3.20804335	3.0263742	3.1362534	3.39089448
1.00E-04	1.00E-04	0.04706306	0.07872048	1.00E-04	1.00E-04	0.11565659
5.05544946	5.22292448	5.00290382	5.09205018	5.16088295	5.38528651	5.08785318
3.17243949	3.50124815	3.95165807	4.06121379	2.74321144	3.1844333	3.98570599
2.44804054	2.81122148	3.0031195	2.97306077	2.51464969	2.33517892	3.00345479
4.65173343	4.86068858	4.45978742	4.47351626	5.59914861	5.48476752	5.39901688
3.38189324	3.47763154	3.21355821	3.3948657	3.27301222	3.94916415	3.48467479
3.87949695	4.14829674	3.59631291	3.56989095	3.95822408	4.16418265	3.16576726

2.7682027	2.83500244	2.49893535	2.46710287	3.08825011	3.5462617	2.61771312
0.44962844	0.31221677	0.50199907	0.52116827	0.44157893	0.0838544	0.65962475
3.081195	3.47770818	3.14290399	3.03382163	3.81837978	3.82757627	3.38274584
2.47418379	2.52871224	3.11696305	2.71412462	1.28207567	1.95194071	4.00551815
4.40016249	4.66085389	4.75915127	4.7883882	4.55573864	4.50686268	4.72954558
1.33252598	1.44457586	1.10496234	1.03641247	3.45150175	3.09084207	2.18920446
1.00E-04	1.00E-04	0.13037159	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.18574002	4.33853486	4.24729945	4.19096842	3.7206761	4.25296189	4.05241738
1.00E-04	0.60304561	0.55973305	0.7609137	0.54258268	1.00E-04	1.00E-04
4.71428919	4.98465067	4.70197182	4.69276238	5.0277958	5.09930719	4.78565549
2.84008411	3.14619465	3.58584345	3.59891233	3.02981881	3.17369879	3.33420969
1.36441301	1.58793774	1.97880749	1.54807882	2.02461503	1.64517513	3.21417695
4.01893667	4.27504767	4.15550529	4.17755768	4.10939293	4.36214387	4.33739746
4.40188791	4.65655606	4.44200032	4.43739657	3.8936516	3.89419791	3.43327385
1.63992382	2.16205094	1.61818363	1.35571958	0.81325628	1.80893078	1.52338636
2.35678105	2.78802515	2.96953645	2.96655016	1.90790102	2.7832977	3.62629811
1.00E-04	0.7508711	0.57711098	0.48223554	1.00E-04	1.00E-04	1.00E-04
0.69437613	0.84817438	1.02304518	1.33192115	0.65521311	0.20860025	0.54144711
5.46326155	5.42878127	5.25085027	5.28842244	3.48653816	3.85819995	4.11455597
1.95592238	0.92230744	1.04081002	1.57755799	2.5997889	2.39442257	0.94217397
3.87271881	4.20798221	3.91674556	3.83078573	3.96981289	4.16113068	3.94551489
2.82305051	3.18880546	3.30540148	3.1932548	3.29107605	3.43049181	3.49851048
5.53425657	5.73619385	5.52950684	5.45922366	5.50588412	5.82861269	5.65843281
3.16316732	3.07798385	2.97560193	2.9982627	2.98581622	3.46769272	2.96024252
2.22115823	2.09812041	2.35821102	2.17834891	5.47146903	6.00372363	5.29902936
3.28904069	3.5004595	3.47312493	3.50126229	5.16770153	5.19088857	5.20904068
0.87648858	1.81579405	2.5229199	1.9252331	1.66005237	1.35073302	3.25137443
1.00E-04	0.06639836	0.1903304	0.08290605	1.00E-04	1.00E-04	1.00E-04
2.28461605	2.810987	2.68724927	2.86588538	2.03686797	2.48368704	2.41921811
1.00E-04	0.38195704	0.82747567	0.9037788	0.80931229	1.01124516	1.29535291
3.7762669	3.48101274	3.28640641	3.02116172	2.95637705	2.57575059	2.74974708
0.57403175	0.46514416	0.20333938	0.27641461	1.00E-04	0.57262486	0.30631903
3.21081599	3.14964514	3.76704315	3.83613476	2.80103982	2.95540691	3.1971544
1.00E-04	0.65271268	0.18263018	1.00E-04	1.51451871	1.00E-04	1.00E-04
0.99871666	1.48695525	1.03114449	0.87657062	2.80832221	3.00049552	3.52465393
1.00E-04	1.00E-04	0.68222229	0.69285648	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.97253014	0.93122441	0.61881518	0.59749779	1.12009471	1.27570108
1.00E-04	1.00E-04	0.15598811	0.05748271	1.00E-04	0.3670047	0.33758991
0.17041597	1.00E-04	0.19769171	0.05147954	3.66817613	4.12945548	3.86710883
0.38262809	0.38545326	0.17574798	0.32943185	0.50488113	1.03808141	1.19159662
4.39373386	4.68569101	4.27833465	4.34855598	4.79381845	4.96640479	4.52535032
4.64590021	4.84056407	4.49150375	4.43126778	4.77163139	5.09676068	4.63384155
1.00E-04	0.62789465	0.4052216	0.20296865	1.00E-04	0.14939575	0.84660333

0.7336738	0.76483212	0.83157328	0.81704252	1.04823799	0.80416343	0.67624573
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.27965305	3.77118915	2.96415173	3.04486104	4.00912903	3.64055917	3.49985666
1.26247851	1.97615059	1.16165815	1.02685393	1.57077294	1.07772674	0.84498418
3.16061198	2.75001992	2.47993532	2.54489458	3.05668362	2.89581443	2.56568361
1.00E-04	1.00E-04	1.00E-04	0.08172284	1.00E-04	1.00E-04	1.00E-04
0.46463465	0.54925983	0.4455868	0.63425431	1.00E-04	0.66328706	0.95677403
3.47755199	3.9291675	3.74102004	3.88228734	3.75527602	3.64294036	3.57377636
1.40848203	1.628828	1.29808238	0.99378473	0.54828133	1.96091129	1.32116848
3.69356746	3.8066613	4.2756301	4.40389265	2.82086022	3.36467636	3.62931
1.25835315	0.67879855	0.65081086	1.0543278	1.1483733	1.54973709	1.02023063
4.2762678	4.32112077	4.26905176	4.33833259	3.89468675	3.99243205	4.03481218
3.01605363	3.427045	3.37148506	3.55402025	3.02612001	3.10264625	3.05024749
3.04170041	3.77887336	4.01896575	3.94774755	3.10797332	3.88491851	4.12828364
5.02558071	5.14145932	4.82913267	4.75311175	5.09229153	5.06057525	5.00677982
1.00E-04	1.00E-04	0.13549035	0.30278449	1.41611332	0.63041717	0.18652468
4.9518955	5.35633042	5.01377886	4.96694135	5.05292615	5.63302133	5.14615655
0.2837022	1.66692974	1.35826126	1.05858839	2.3216791	1.15092454	1.93959448
3.35207714	3.76309147	3.99724821	4.0896201	3.71012951	3.76304675	3.78338336
5.30528611	5.42066635	5.36278867	5.24207888	5.08821168	5.31820574	5.08149746
2.58397682	3.00132879	3.30632769	3.08031524	2.35130384	2.75033934	3.08304996
2.83700578	2.333045	2.23535216	2.45775034	1.00E-04	1.45103566	0.8016816
3.90605606	4.39244221	5.25517875	5.43790938	2.38526545	3.59177252	4.13456985
5.0339632	5.16707458	4.89987133	4.96725815	5.22544689	5.23042579	4.74047895
2.68541315	2.96346576	2.94598852	2.75841972	3.95284572	4.56541517	4.14727305
3.01549561	3.6439535	3.67648645	3.47147078	2.60440015	3.22293926	3.62286987
4.31936957	4.51719449	4.1399352	4.25427081	4.76534062	4.97519588	4.7338775
6.67685855	6.80423924	6.3858249	6.39197523	7.36326773	7.40178363	6.940101
0.70528015	1.70524535	1.83847499	1.90548893	0.38091442	1.55790731	1.83042922
2.63812054	2.92311286	2.6267323	2.88226664	2.40538613	3.43246131	2.65670581
3.04922727	2.78518589	3.26240747	3.22107027	2.83978363	2.22824295	2.74704133
2.38226041	2.71897896	2.66545213	2.64991005	1.61632144	2.55480614	2.62022118
2.08137171	2.59186103	2.38991764	2.35800283	2.41348837	2.7459553	2.82880465
4.13307124	4.26184164	4.27514754	4.32663357	3.84608696	4.17495349	4.06516626
4.31535455	4.60562906	5.00188989	5.03048035	4.12596214	4.50827302	5.16077792
4.58569135	4.80416344	5.59237476	5.71753402	4.12327359	4.59025629	5.25520539
1.00E-04	0.61371566	0.66178766	0.59577738	0.47740198	0.5462964	1.00E-04
1.4766282	1.45875998	1.40912272	1.29973366	2.13432987	0.71499252	1.63860072
6.08697249	6.49426975	7.44557479	7.62341199	5.73390618	5.836685	7.30721351
2.10546553	2.6390004	2.38922851	2.4485102	2.35413418	2.38759792	2.88109538
3.17915359	3.57453217	3.33256507	3.46002778	3.55051852	3.75995667	3.70831742
2.61617468	2.94030249	2.51916094	2.31883916	2.79893922	2.88744298	2.63853822
4.54305004	4.78444203	4.74633014	4.91962395	4.28527267	4.41073473	4.31801424

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.54911636	4.08439533	4.20496615	4.32698832	2.79445914	3.44474739	3.98761654
4.21858084	4.37736185	4.22425161	4.28524823	3.51235885	3.83960216	3.5186357
4.3514763	4.30532653	4.00891539	4.07062542	4.37669197	4.48893008	4.16368955
0.90684759	1.02171773	0.97732253	0.74966358	0.61235854	1.11419821	1.42395014
0.7095707	0.43723239	0.51669078	0.31766067	0.41241033	0.93079712	0.83770705
1.00E-04	1.00E-04	0.1448371	0.04745065	1.00E-04	1.00E-04	0.09464396
5.01202187	5.36038769	4.62686574	4.74480598	5.98748896	6.17612229	5.52615157
2.87015574	3.12705382	3.08832137	3.11177989	3.2914055	3.19853185	3.25389766
2.2399195	2.65613544	2.38193314	2.51011075	2.42131567	2.8380614	2.15191891
3.02875417	3.44833077	3.26514457	3.28770499	3.35919404	3.49496262	3.28805422
2.17990417	2.40904257	1.96669692	1.84042238	1.54679445	1.87146951	1.79948053
1.44583296	1.82944383	1.46464453	1.12754617	1.00E-04	1.20059513	2.04463009
4.047995	4.14600818	3.80134614	3.7207862	3.91301223	4.19734795	3.48866801
3.25952556	3.27963087	2.95274336	2.95782083	3.34714419	3.50745661	3.46649675
0.94367307	1.44292876	1.420129	1.52186065	1.95163531	2.05611491	2.27770356
0.51039717	1.00E-04	0.32134144	0.50935359	1.00E-04	0.11240321	0.66913674
1.24062976	1.13719402	0.89313118	0.72012252	1.00E-04	0.18597055	0.76409355
2.93043369	3.01406032	3.0617614	2.89339345	3.15521476	3.16000946	2.84346419
4.91115814	5.19281133	4.844036	4.78405835	4.78568655	4.98901562	4.80183677
1.00E-04	0.18777239	1.00E-04	0.09262173	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.56062232	3.41191827	2.83597041	2.76984258	4.09429728	4.08025028	3.43096604
0.38034913	0.31965192	0.11397451	0.21007418	0.54050558	1.00E-04	0.33758991
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.18490245	4.4658224	4.15935502	4.14622366	4.57605129	4.78520974	4.59417723
3.34030303	3.6334353	3.67731405	3.88917136	2.16681746	2.464589	2.74539675
4.24942752	4.53469524	4.55120171	4.67976315	3.4450818	3.86017079	4.2226729
5.07489412	5.11254122	4.71053785	4.76239207	4.76355682	4.90246881	4.62815769
4.77020737	5.03715381	4.51931921	4.51378514	4.66627326	4.82980502	4.6122283
4.73389489	4.91506436	4.38572524	4.28977815	4.44926854	4.67710373	4.35605331
4.56956192	4.47779568	4.44997825	4.62119826	3.67516168	3.45971797	3.70467488
4.12202761	4.03229717	3.61667017	3.66273912	4.17513713	4.27798255	3.89353717
2.81633874	2.72090232	2.51613497	2.72354432	6.86006156	7.14051422	6.67702799
4.91424232	5.03001173	4.81971613	4.89443118	4.86694546	5.07149777	4.6337872
0.47852077	0.73686649	0.24275319	0.59258143	0.74766926	0.77707008	1.00E-04
2.69126623	3.13910912	3.80786987	3.93539557	2.9066845	3.0823834	3.55231774
0.55335294	1.18364767	1.61774553	1.33321491	2.20459927	1.40451301	2.64696015
1.00E-04	1.00E-04	0.06385105	0.30190216	1.00E-04	0.0838544	0.2166229
1.00E-04	1.00E-04	1.00E-04	0.27153331	1.00E-04	1.00E-04	1.00E-04
3.88506312	4.34824913	5.00202262	5.03935165	3.47446061	3.78515939	4.90478627
3.33868673	3.62230971	3.96681453	4.05141117	2.38191188	2.92061083	3.76458719
3.26561817	3.22183409	2.58515359	2.7272324	4.83197627	4.88950199	4.20581228

1.00E-04	0.44537874	0.62873782	0.62726595	1.00E-04	1.54319276	1.76889719
3.75250057	3.42982051	3.22936721	3.23907422	3.77247623	3.75199974	3.19605606
1.01441105	0.9615172	1.30833864	1.2136883	1.37030597	2.37573146	2.13586102
2.4754165	2.82974164	2.73308951	2.79091889	2.17401804	2.80177439	2.32478861
4.9418903	5.09280128	4.77386482	4.67760341	5.22798578	5.31011519	4.95251817
3.07122194	3.11521109	2.90737217	3.15102962	3.35492402	2.95429576	2.22322094
1.62345282	2.2574286	2.6772509	2.75957535	1.38900561	2.23498373	2.88650641
4.65974937	4.99424496	4.97548109	5.03551641	4.68340732	4.80614799	4.73909858
6.25453056	6.30647714	6.16572879	6.0452565	5.50716821	5.77043029	5.70832499
1.42014394	1.40115051	0.7746372	0.75277909	0.48060496	1.22826137	1.00E-04
3.9683041	4.10695108	3.14041656	3.56072647	5.33422811	4.12270735	3.75905161
5.34824505	5.4702516	5.15856315	5.08772537	5.00876785	5.36511576	5.05857452
3.75348247	3.54136757	3.69670339	3.7558915	3.84247608	3.61066748	3.58420555
2.3953678	2.1150766	2.40321299	2.6479764	1.53003676	0.87986125	1.45197511
2.86237132	2.95120376	2.87460925	2.98751385	2.60137007	2.79104038	2.4976635
5.73385483	5.82955113	5.41164677	5.29336478	6.69130018	6.88794966	6.30865713
5.18728546	5.23425336	4.81328799	4.94523597	5.73679151	6.00380626	5.48699737
1.00E-04	0.4226025	0.0359205	0.13801488	0.72292188	1.3407466	1.21369256
1.00E-04	1.00E-04	0.04381996	0.30455972	1.97764468	1.1778506	1.99528079
0.33971235	1.19524734	0.07613665	0.51645823	3.16506142	4.12174262	3.05538224
5.67978721	5.88441847	5.51273275	5.46443001	5.10571882	5.56028499	5.0490006
1.76931753	2.09884923	1.43020356	1.5362126	2.45691251	2.21610987	1.51157248
2.1468563	2.97342821	2.49187022	2.34618323	3.08761591	3.16186151	3.43794561
1.74701724	1.86405373	1.60942317	1.38945882	1.67821731	2.72142704	2.11095326
3.36113371	3.34474721	3.34300841	3.32094422	3.58935938	3.62714974	3.82561015
0.9241523	1.03545877	1.15246261	0.90115532	0.55964322	1.4343383	0.83621133
1.32101008	1.77974636	1.39997205	1.48605683	1.51250377	0.67694761	0.34861727
2.78758854	3.26628785	3.8371297	4.22170155	2.13089319	2.67910572	3.43650635
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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4.17476804	4.2180504	3.91687525	4.0139834	3.92221233	4.1727794	3.77383654
5.04974936	5.18528959	4.91658599	4.97557009	4.75637125	5.04707761	4.6768954
5.88898492	6.11362677	5.72365307	5.57339562	5.40820142	5.503821	5.36457748
4.219822	4.16929075	3.30272916	3.59543314	4.9387522	4.93635627	4.263419
1.00E-04	0.25232741	0.24745995	0.22839549	3.75911328	2.5877838	2.69370691
0.89164374	1.01087072	0.95874188	0.50350211	1.6303878	2.9234744	1.6744533
3.07922954	2.98118714	2.35016237	2.45181222	3.21022731	3.3099902	3.80511075
4.21123802	4.2917598	4.52560125	4.59645704	3.49824567	3.87704899	4.03400089
1.04623584	0.92977125	0.91965144	1.1353201	1.54498627	0.37047444	0.24000836
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69666159	0.60424028	0.30811545	0.30628439	2.55186803	1.5219851	0.98561113
2.99227444	3.17970897	3.48926617	3.50799545	0.41241033	1.71284567	0.41414979
3.83016662	4.14481117	3.6792448	3.47462864	5.20216652	5.46968741	5.31560024

1.00E-04	0.8272032	0.34826572	0.34347885	1.52319824	1.22185685	1.53868037
1.00E-04	0.30109905	0.24101242	0.4555964	2.3379927	2.26025224	2.27292397
0.67647896	1.60975074	0.82380105	0.94354087	4.16137533	4.86791562	4.1644117
5.81432122	5.81955137	5.49820974	5.65171511	4.35405142	4.59689465	4.18244516
2.64153921	2.77048695	2.78278878	3.04840694	3.22526494	3.38514	3.2273499
0.23606762	0.97544315	0.95549363	0.85515525	4.68280761	5.13074714	4.71005778
0.43488956	0.1960454	0.45303769	0.55757222	1.00E-04	1.00E-04	0.8558064
0.66980557	1.41529727	0.84148272	0.85812531	0.6397631	0.84153502	1.4099713
0.25550183	0.49087753	0.48596182	0.288455	0.4683059	0.64139002	1.00E-04
1.0731433	0.96991296	1.05051071	1.3951865	1.26542637	1.87617783	2.38921296
1.00E-04	0.58375769	0.17111663	0.03243943	1.00E-04	0.25871909	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.1688777	5.16150247	5.30717436	5.39940553	4.34256047	3.99884511	4.2633838
1.00E-04	1.00E-04	1.00E-04	0.13703988	1.00E-04	1.00E-04	0.30880053
3.7352327	3.88902795	3.73432474	3.77411008	4.130713	4.23438458	4.33148131
5.12223849	5.31001012	4.96013131	5.01249664	5.87307216	6.16217882	5.7600233
1.13960998	1.67659782	2.23085318	1.84974483	2.32890269	2.49059389	2.89812774
4.25717057	4.47563232	4.56359759	4.52516748	4.1179591	4.11999098	4.39024521
0.92945253	1.42651502	0.78329646	0.85298544	1.92208805	2.83609909	2.81986328
1.75785921	1.8979673	2.43334218	2.78792063	1.13785043	1.11257504	2.1628951
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0.26871703	1.14187705	0.3899487	0.19330203	1.00E-04	0.06695938	1.00E-04
2.37260464	2.80569861	2.61116466	2.63230119	2.26994721	2.91305497	2.50924344
1.60883196	3.05959661	2.79434902	2.59244608	1.34394938	2.28778195	2.52366285
1.00E-04	0.17652021	0.08197544	0.22967796	1.00E-04	1.00E-04	1.00E-04
4.77444511	4.84587719	4.68245731	4.63714152	5.16356369	5.29147555	5.20739281
5.07657194	5.23288811	4.81073466	4.73937487	4.92331817	5.03317604	4.65087974
3.16157103	3.29761753	2.73418913	2.78410742	2.85483542	3.11614906	2.97101595
3.58814825	3.72064421	3.67329001	3.71996476	3.80578264	3.86477833	3.87749083
3.51775457	3.78181251	3.47753808	3.56460388	3.03973936	3.60177919	3.03194772
4.4279598	4.58376102	4.36090242	4.35416433	4.50791039	4.53576944	4.36114105
3.64882045	4.04056204	4.01856943	4.01614405	3.96419591	3.72810075	3.78318069
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1.00E-04	0.23216566	0.0633007	0.14148552	1.00E-04	1.00E-04	1.00E-04
1.74672983	1.21274268	1.26940231	1.58884269	1.16769828	1.13385698	1.63245204
3.32222774	3.63325604	3.78398676	3.90496986	3.16207953	3.43903509	3.71073599
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2.48519619	1.72161186	1.50967109	1.49885688	2.6651218	1.98107864	1.78392358
2.32261234	2.73476619	2.0277474	1.91190594	1.81244096	2.49847246	2.07482626
1.27853173	1.35327033	1.00689028	0.81339388	1.61743628	1.36074217	1.03638646
2.86878147	3.11086518	4.31445496	4.30328862	3.08431954	3.609743	4.26266909
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5.08987132	5.07570884	4.90549683	4.90285955	3.87178215	4.36382884	4.06924225
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3.84103658	3.99853175	3.88512803	3.92494411	3.7079595	3.6533994	3.57068381
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3.43005237	3.47105793	3.38644833	3.34424765	3.74818747	3.27243205	3.45197356
1.88506313	1.94255571	1.9623806	2.01401263	0.90924946	1.04775474	1.48731274
4.21452353	4.52045781	4.2703839	4.16466847	4.53467065	4.51035896	4.6425294
3.05889077	3.15010784	3.05852684	3.30092198	2.74056642	3.1275883	3.25539267
3.91297569	3.99545791	3.57991722	3.53699862	4.15880899	4.09148109	3.6054256
2.10584299	2.05678509	1.98973999	1.97447385	1.00E-04	1.00E-04	0.92466868
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1.00E-04	1.00E-04	0.3327563	0.06363415	1.00E-04	1.00E-04	1.00E-04
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4.53149556	4.86805126	4.65772649	4.63849164	4.5575567	4.67357632	4.68770663
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4.00063364	4.38166613	4.76054007	4.89203153	3.88691815	4.34554105	5.10623055
5.20678404	5.35722575	5.00671736	4.97604564	5.04014841	5.34100407	4.77780564
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1.86217384	2.2070772	1.8199249	2.10145571	1.61102585	2.74876288	2.13692435
1.09694923	0.50025322	0.68609419	0.7700442	1.04536691	0.64714015	0.96172416
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2.05802149	2.58542223	2.51887723	2.588691	1.83240347	2.23340573	2.44440831
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5.09756488	5.31351142	4.86578327	4.8273217	5.46268481	5.51418644	5.04518397
2.58385342	3.02598806	3.28171471	3.29885519	2.91166964	2.79309938	3.03129223
3.67837548	3.84517254	4.55011509	4.59640151	2.93369669	3.28272592	4.45769784
6.08005306	5.99544959	5.61987105	5.64649482	4.35980662	4.58543739	4.60872203
2.15094484	2.70908948	2.56117825	2.50415424	2.86039456	2.89922298	2.3480549
1.28688693	2.2092036	0.92867867	1.6242778	3.17919871	2.45416268	2.06695408
4.42444333	4.5862884	4.53990196	4.54506305	4.58399796	4.93015602	4.61932409
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1.76431997	2.1884075	2.4861943	2.63111188	1.91505038	2.30243225	2.47095543
1.00E-04	1.00E-04	0.29238645	1.00E-04	1.00E-04	1.00E-04	0.22577116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79025361	1.47310326	1.024422	0.80147239	1.00E-04	1.48006679	1.50216439
1.00E-04	1.00E-04	0.04406402	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69055735	0.33912757	0.28591987	1.00E-04	0.61904659	0.22368725
6.1858334	6.23192531	5.75877615	5.89634952	5.24109021	5.10825654	4.91641634
0.23395345	0.76102551	0.45901639	0.37211728	0.70657662	1.0777233	1.20183128
5.47251766	4.48242547	3.84829654	3.31971195	6.11282128	3.98412159	3.60119742
1.00E-04	0.08147274	0.14020857	0.08341625	1.00E-04	1.00E-04	1.00E-04
3.35611559	3.38587468	3.03794377	3.02962693	3.39506281	3.43687881	2.86435661
4.03485371	4.47442271	5.04072752	5.18937347	3.75851467	4.20685113	4.79277984
4.85478556	4.95487772	4.75597898	4.6797862	4.81463745	5.14952602	4.90727317
4.37032524	4.42334914	4.23041051	4.43205389	4.48054731	4.64092855	4.13797751
2.76744735	2.93555349	2.80393633	2.58622637	1.90912771	2.86722897	2.57832586
2.08611764	1.8982311	1.3481392	1.31781738	0.44340029	1.00E-04	1.00E-04
4.11573786	4.2729388	4.0859871	4.46404741	2.49387816	2.70967196	2.39933225
3.75230809	4.04740153	3.6256013	3.80894241	3.74325956	3.10322222	3.32425886
3.06100241	2.59390081	2.94280867	2.92621183	4.01017482	3.72877114	3.15139734
2.99613543	3.13712599	3.68290788	3.80005302	3.04748005	3.25652617	3.59715955
2.89436822	3.37284427	3.0765559	3.28049222	2.63755525	3.27235559	3.13219437
3.46842706	3.63289181	3.45739012	3.43072049	4.22815876	3.95716254	3.82769668
0.61161873	0.55707381	0.60716722	0.75863032	0.58708779	1.56030322	0.77942411
1.98492935	2.21767637	2.52801494	2.60918764	1.00E-04	1.61133401	2.35069046
4.29294942	4.26295054	4.04549939	3.92260617	4.3426741	4.28053448	3.90467262
3.2462433	3.57149587	3.17929881	3.16235193	3.72925906	3.62940348	3.8014014
1.9582115	2.37707752	2.29122523	2.35115763	0.78698963	2.04210263	1.2541323
2.78450533	3.09915043	3.10313264	3.05958286	3.27005329	2.5099235	1.84169743
1.14456106	0.38917827	0.38268172	0.62330274	1.40158961	1.25239005	1.39603941
4.46632557	4.8440763	4.38767013	4.20206177	5.23941612	5.19580642	4.7390507
1.07302273	1.85546735	1.99115174	1.55621827	0.88943299	0.7171663	1.82961873
4.60172443	4.68989329	4.46282537	4.37223289	4.57619979	4.90108303	4.45368289
5.23682021	4.99916232	4.88351736	4.9860208	5.73854881	6.23475906	5.62337381
1.22370383	1.02538382	0.87341181	0.79442466	1.29909778	1.15923409	1.31158058
1.00E-04	0.29351634	0.04155876	0.12858952	1.00E-04	1.00E-04	1.00E-04
1.56809364	1.75817326	1.69117301	1.16754228	0.35320673	1.33690847	1.51202392
2.25249474	2.57941591	2.49063564	2.7429065	2.87166822	1.87602592	2.12865568
1.00E-04	0.27379322	0.50063347	0.63490947	0.63609922	0.69879124	0.59864222
0.46185274	0.52274749	1.11516138	0.90429744	1.00E-04	1.06604761	1.35842112
1.85292866	2.63857396	3.09157591	3.28944089	2.13520336	1.91330725	2.54160937
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11214266	1.61820299	1.59684498	1.87493848	1.93006489	1.61422727	1.81150694
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8924042	0.97982442	1.66956163	1.12782846	1.00E-04	1.00E-04	1.00E-04
3.91500664	4.07372111	4.04627805	4.04760583	2.86436743	3.68468915	3.7152908

1.5149072	1.93347262	1.90843105	1.85589988	0.84840873	2.27488358	1.97628427
0.75191059	1.41810095	0.80738858	0.86995111	1.23058514	1.88773532	0.4749709
2.30709097	2.32528436	1.84322098	1.80644687	2.67971227	2.73354612	2.91463293
3.42023342	3.34447472	3.36224012	3.56921066	3.3942682	3.68357025	3.72868637
0.40453962	0.45121832	0.09496291	0.43981293	1.00E-04	1.00E-04	0.09760498
1.75879918	1.49148938	1.7600403	1.74490098	3.42504146	2.57298973	2.65923029
1.67896632	1.86377536	1.13982583	1.38917417	1.00E-04	1.80863777	0.37001647
0.72702179	0.34898671	0.60746415	0.64745555	1.00E-04	0.33681709	1.00E-04
0.14691179	0.21693998	0.27670978	0.38797962	1.00E-04	0.35904325	0.19293133
4.81579331	4.82595621	4.50686733	4.60884665	4.92421578	5.11236256	5.12799984
1.19413648	1.76288134	2.14353179	2.25758242	0.90396451	1.2416852	2.10701454
4.37118323	4.59938875	4.73286631	4.81979504	4.27204358	4.59575177	4.68523994
0.30295426	0.18261339	0.59026936	0.80782308	1.00E-04	1.00E-04	0.16885696
4.68301473	4.84795731	4.6479015	4.47473427	5.58424921	5.47598463	5.19821159
3.28146398	3.42983899	3.37229935	3.628472	2.71301957	3.44415411	3.17824516
3.03610846	3.80294139	3.18535783	2.83981941	5.00159724	4.8583861	4.53540813
5.1337363	5.30375846	4.91996467	4.81670711	5.29732061	5.15070458	4.84908134
4.02766688	4.09902426	4.26733236	4.11900809	2.90547432	2.70163353	3.13225495
1.90216775	2.06442774	2.00539704	1.9357699	1.61222453	2.28346323	2.35944042
0.22749014	1.07453671	0.81238263	0.78927437	1.00E-04	1.1214515	0.47368045
2.8791138	2.18516063	2.81089266	2.35670739	4.03790327	4.06018045	3.80376794
1.00E-04	1.00E-04	0.26602626	0.08082452	1.00E-04	1.00E-04	1.00E-04
0.70651553	1.00E-04	0.4500485	0.48925658	1.34681751	0.47463606	0.53771767
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.7969095	1.83327689	2.22177568	2.33674549	2.04517147	2.48431271	3.21807131
1.00E-04	0.40453043	0.15134411	0.41113115	1.00E-04	1.00E-04	1.00E-04
1.5889906	1.07058919	1.83881999	1.81317197	2.90222497	2.72609344	3.14228762
4.70231821	4.89367323	4.32182678	4.32103955	4.67710755	4.49612235	4.28493781
0.39774905	1.08511716	0.6657923	0.67700343	2.57777853	1.94133343	1.83711066
3.93448886	4.0800281	4.74391804	4.85364257	3.80074254	3.94902425	4.77756306
5.75855728	5.85908629	5.38689023	5.36814531	6.24537217	6.4509134	5.71073195
1.00E-04	0.25019766	0.18459194	0.30127436	1.00E-04	1.00E-04	0.12174474
1.00E-04	1.00E-04	1.00E-04	0.12495176	1.00E-04	1.00E-04	1.00E-04
5.98716796	5.94314144	5.53450551	5.68196678	5.04977126	5.24047388	4.87119447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.66311854	4.76850605	4.68074303	4.64667499	4.01086971	3.89547061	4.29364144
1.00E-04	1.00E-04	0.15207062	0.28467618	1.00E-04	1.00E-04	1.00E-04
5.02462745	4.89328167	6.15031119	5.63576285	4.63777697	4.94587985	6.85722846
1.00E-04	1.00E-04	0.08061454	0.18864245	1.00E-04	1.00E-04	1.00E-04
4.47818277	4.7024035	4.3565226	4.27744203	4.24984292	4.62739941	4.00727624
2.47163124	2.83358451	3.06550496	3.13197214	1.14176471	2.32449613	2.6654326
3.3555886	3.79987436	3.86010793	3.98615497	2.99441991	3.4608286	3.59611096
2.34734779	2.61773533	2.27190744	2.36154008	3.12843529	2.54144503	2.03102297

4.21595133	4.2666273	3.98166982	3.96113636	4.42069641	4.62397636	3.94837097
5.51013357	5.76388979	5.29136165	5.2345805	5.04565173	5.20186174	4.8724081
3.38798518	4.01314053	4.63389421	4.89283664	2.47098244	3.44135798	4.29658768
3.34050726	3.28507192	3.03799362	2.9993363	3.02024972	3.10621234	3.05487577
3.99693379	4.36632216	4.81835777	4.90560624	2.87118961	3.09109906	3.84877064
2.44481649	3.07832102	3.0091894	2.83349208	2.74904048	2.68543791	3.18622516
1.37198481	1.82343302	1.37401844	1.16055084	1.07823248	1.04682684	1.21475252
4.01917198	4.57251782	4.27068229	4.31334496	4.06242701	4.5123585	4.07262109
1.28743777	1.95018656	2.10187682	2.05448046	2.33602243	2.44090519	2.2277626
3.28265849	3.25554475	2.93555502	2.95383943	4.0069024	3.89183764	3.61928191
2.14618957	2.54855112	2.80080873	2.74261666	2.04208255	2.67323803	2.97088136
2.15287939	2.197675	2.2777156	2.31469077	1.77874743	2.49019529	1.62723813
0.83991399	0.99917151	0.95435259	1.14462178	1.22244758	1.30903951	1.56577449
4.71019756	4.71649022	4.36903323	4.42118099	3.69970735	3.92653383	4.12912775
2.78299982	2.87090809	3.12180928	3.16039803	1.35472386	2.25042069	2.99633764
0.40171885	1.00E-04	0.35499148	0.0510657	1.00E-04	0.53672067	1.00E-04
2.27083112	2.62540833	2.54819592	2.42521811	4.30345263	2.87277085	3.81600659
1.43803761	2.15869762	2.65348447	2.71471256	1.08621597	1.96967936	2.74927822
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06686173	1.00E-04	1.00E-04	1.00E-04
2.54423496	2.82626422	2.39116813	2.24340705	2.802974	2.84911028	2.76828288
4.6688662	4.70438357	4.4331698	4.40827992	5.32540049	5.86617444	5.08823707
0.62841205	1.00E-04	0.46200696	0.19465211	0.68552334	1.00E-04	1.00E-04
3.42591013	3.79693263	3.37668698	3.52695346	3.34468523	3.50534733	3.33615649
3.39242702	3.5987949	3.50908857	3.30960168	3.90345179	3.74800898	3.53781117
3.83159852	3.86099205	3.4587909	3.52324672	2.74156517	2.93206669	3.38676946
5.70528324	5.8293006	5.36094358	5.25106461	5.65525878	5.68026751	5.39529621
0.17887386	0.86023377	0.63059109	0.67408693	1.24730419	0.80682925	1.24262954
2.39228321	2.3906321	2.34797595	2.5154246	3.15799789	3.02830701	2.78128324
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.3626773	5.37042905	5.17750836	4.95917419	4.9527948	5.33438948	4.90894889
1.29437887	1.34059015	0.79731642	1.01263291	1.00E-04	1.00E-04	1.00E-04
1.22622629	2.23725534	2.3662991	2.5615465	2.24787702	2.68520106	3.14151993
1.87538547	1.78843719	1.53643419	1.88525238	2.11046764	1.276191	1.2888448
5.01078804	5.09294741	5.09922982	5.21698324	3.87116252	3.89549894	4.18291462
1.77699677	1.90020305	1.24728028	1.44113751	2.98785328	3.86288082	3.23995985
3.94146952	4.41241819	4.55127295	4.63363254	4.05963605	4.26062112	4.75010717
0.38034913	0.93343657	1.05366854	0.97576395	0.60581275	1.68164868	1.99115862
0.91308309	1.20193382	0.67628732	0.68258065	1.00E-04	1.00E-04	1.00E-04
1.38926904	1.52514731	1.14558633	1.27265566	2.48389444	3.0808051	2.15893865
0.55054798	0.23628556	0.07059533	0.20848825	1.04339031	1.39142609	1.07421617
1.53165237	1.10545547	1.15905457	1.00261753	1.03583686	1.80570421	1.59555216
1.00E-04	0.54108492	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.90206644	3.80363034	3.30222454	3.27660245	4.05316754	4.14255824	3.76966876
2.13887345	2.72044906	3.33470393	3.44532417	2.5926283	1.61992554	2.94066244
0.26871703	0.60182143	0.24732816	0.43767752	0.61305258	0.70861209	1.00E-04
1.99804289	1.84384882	1.43528978	1.78568403	3.25410024	2.62976426	2.18985651
0.36754477	0.43549628	0.26015188	0.07995863	1.78538029	3.11211612	3.03320976
3.26779934	3.25833942	3.76837046	3.82236759	3.12811304	3.03439899	2.9741003
3.85280643	4.74350612	4.36495791	4.28035297	2.64187252	3.4820825	3.91009065
1.05990721	1.08918159	0.72881015	0.61875608	0.43090184	1.00E-04	1.00436151
1.00E-04	0.88532075	1.00876049	1.23918804	3.12536639	1.98335874	2.53232699
3.37145258	3.51325815	4.21812	4.2643376	3.49845556	4.1044059	4.74676068
2.76856034	2.62724333	2.49416342	2.37711693	3.17833719	3.30857922	3.4949897
0.87861554	1.639745	1.46874257	1.31948426	0.55964322	1.12558664	1.70258467
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86667897	1.30499351	1.24683855	1.29467948	1.2352155	1.79112194	1.51608951
3.7755382	3.80949201	3.7440747	3.51841196	1.13184741	1.47265607	1.12891206
1.00E-04	1.00E-04	0.10321944	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79701093	0.95065545	0.85325987	0.86420916	1.84602433	0.30728869	0.33758991
2.36863158	1.71334288	1.42574763	1.56864616	4.99162188	4.46827634	4.31124327
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.89515074	4.9693199	4.76662758	4.38950035	1.82502109	2.80611708	2.5345034
0.48118397	0.5490663	0.18125712	0.32256133	0.82932227	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08166842	0.09803131	1.00E-04	1.00E-04	1.00E-04
0.38034913	1.00E-04	0.15484037	1.00E-04	1.00E-04	1.00E-04	0.65860798
3.84870603	3.99029209	3.53255545	3.45193239	4.40972744	4.36223303	3.90945243
2.51303056	2.62794237	2.82338346	2.93587746	0.83710915	2.66218365	3.24649319
1.71527797	1.89387997	1.88199451	1.72573085	1.54721783	2.30048951	2.15901285
1.00E-04	0.39421892	0.14709383	0.6259617	1.00E-04	1.00E-04	0.74335119
2.73495093	3.14208078	3.0387036	2.78190922	3.34850152	2.6659113	2.80429481
0.3249492	0.20795625	0.41319146	0.44152462	1.00E-04	1.00E-04	1.00E-04
1.57667702	1.49827337	1.29120211	1.39760322	1.55014837	1.69609317	1.74984182
1.66699729	1.56838014	1.26895626	1.53629322	0.85725557	1.34152041	1.00E-04
1.00E-04	1.00E-04	0.1045654	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.30319625	1.78644576	1.88547734	1.93362796	1.07726495	1.1412537	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.63434657	4.81403477	4.76320969	4.85446913	4.86691039	4.87045368	4.85963954
0.67819958	1.58339565	1.03703953	1.19292539	1.21074467	1.27304163	2.26364334
0.30422306	1.15883657	1.49377878	1.04071815	1.00E-04	1.93328446	1.99552478
1.99413589	2.69495677	3.11505029	3.25789715	1.63596715	2.04150885	3.00272995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.10821962	5.38389183	5.56058383	5.69959744	5.31080396	5.6419974	5.73814722
1.91215566	1.86735075	1.68616086	1.76021343	2.46551367	2.67715382	3.50198561
1.3058257	1.32721147	0.93327098	1.59298168	2.97204469	2.46869384	2.30834158

0.57129408	1.06572299	0.89479002	1.02989761	2.12669616	1.89405849	2.43651621
2.00281712	2.46569664	2.38393363	2.46531626	1.57942672	1.97613941	1.83609209
1.84603279	2.24297549	3.14522908	3.04076682	1.71514361	1.80350585	2.21889201
1.00E-04	0.21429141	0.49746875	0.56856247	1.00E-04	0.491838	1.00E-04
3.81335926	3.82471391	4.14681641	4.04653201	2.96115726	3.21554084	3.67934183
3.1622675	3.6298612	4.23142245	4.26578461	2.38997727	3.63666324	4.3044594
5.57539552	5.70868313	5.46585307	5.53548086	5.48113798	5.81095516	5.36753025
0.35735601	0.75080624	0.25055919	0.23602068	1.00E-04	1.00918834	1.27605219
2.69375262	3.15883661	2.82808141	3.01307941	4.70676193	4.6232139	4.79381165
3.79859301	4.09126428	3.75879092	3.85497108	3.82766981	4.18510515	3.75696489
2.80031393	3.13044253	3.0339297	3.13241391	2.4972812	2.64737998	2.99845851
1.85900399	1.69299192	1.9057972	1.83884082	1.22439931	1.61084961	1.3817378
0.60038462	1.00E-04	0.07906387	0.13578694	1.00E-04	1.00E-04	0.24295541
1.61391493	2.18326251	1.69383197	1.5739588	2.40975326	2.9567696	1.96542354
0.55054798	1.00E-04	0.30844724	0.30110788	0.74577637	1.60112164	1.60389593
1.00E-04	1.00E-04	0.16566372	0.18107026	1.00E-04	0.92169595	1.00E-04
0.77769278	1.24517145	0.52365054	0.57419338	1.20299948	1.59929253	0.71826539
1.02333988	1.31637927	1.14764934	1.21191083	0.54065888	1.28239418	0.25275834
0.48527668	0.67498759	0.88083534	0.81721963	2.31982486	0.37122207	0.7636466
4.55347165	4.827997	4.44301576	4.31207678	4.98049677	5.1428892	4.83039273
2.19053238	2.61066048	2.41368227	2.72917888	1.91900901	2.53227558	1.89780457
2.64951016	2.74333276	2.99184709	3.02779216	1.5537874	2.72405943	2.84550731
3.92559072	4.29373126	3.5984882	3.67151845	4.07701504	4.39868971	3.65708459
5.54179641	5.64049646	5.3803771	5.24703356	5.68970134	5.85927538	5.21449965
2.24887958	1.87877081	2.5086551	2.44077148	2.40732897	1.72769598	2.7407317
4.67729293	4.83074753	4.34054777	4.40029226	4.23077334	4.37728361	4.2469785
1.00E-04	1.31298416	1.08922174	0.79076872	1.00E-04	1.35790215	1.00E-04
1.00E-04	0.77752435	0.76940281	0.47016472	1.2630928	0.82630853	1.35254114
2.41591802	3.14471436	2.79845537	2.84284501	2.26578121	1.79068926	2.47372737
3.48703942	3.97997849	4.1946888	4.10295679	4.56239482	5.11799491	4.96096551
1.06243656	0.39848528	0.35332552	0.54545672	1.07547903	0.22074923	0.26900178
0.44946491	0.26617355	0.23457513	0.51674584	1.00E-04	0.23047762	0.54695102
1.01066631	1.95239233	1.05336029	1.33250084	1.07644686	1.95011878	1.7772622
1.00E-04	0.69357181	0.12151992	0.29042561	1.00E-04	1.00E-04	1.00E-04
0.50330742	1.32574314	0.37479473	0.37616073	0.63583153	0.79296403	1.00E-04
0.99557889	0.89739256	0.45443688	0.63250108	1.98738992	1.97204717	1.80514204
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34161148	0.13585758	0.35817277	0.29440443	1.00E-04	0.76224978	0.66545157
1.33855794	2.11012764	1.84175101	1.67579485	0.24496797	2.04885158	1.91153202
4.34731651	4.31328447	3.88322844	3.72386879	5.22375724	5.57335899	4.85897429
2.32438188	2.65482691	2.96525497	3.04203566	2.42338543	2.73816469	3.07900907
2.73581071	2.22454359	2.63275551	2.58665429	0.85493749	1.18062004	1.07469475
3.26938658	3.73165645	3.41527734	3.46774444	3.49976048	3.69455533	3.45151134

3.26865759	3.55109273	3.41076821	3.45721437	3.71852049	3.54055648	3.76745837
2.84653551	2.84822325	2.88364496	2.93972551	2.1525256	2.9341956	3.08614926
4.14115841	4.46249601	4.4265353	4.50868881	4.18937777	4.14678318	4.35168159
1.51010129	2.37102777	2.43558657	2.60378707	2.09910436	2.15846938	1.8093326
3.32480233	3.1848135	3.07279818	3.11350507	3.33931273	3.25851122	3.1848986
3.9816601	4.15410112	3.7389215	3.71730258	3.66370828	4.16280742	3.92689813
2.56979912	2.31303423	2.85974276	2.82603927	2.76017323	3.34252885	3.7944443
1.56288145	2.13389992	2.28465701	2.33972847	1.40267227	2.12849143	1.87748761
1.00E-04	0.14873259	0.16411789	0.20279893	1.00E-04	1.00E-04	0.32346163
1.54929971	1.36941222	1.64152896	1.99678431	3.22511404	3.76810682	3.39149286
6.7390836	6.77310064	6.38090247	6.47233526	6.75139506	7.34482748	6.80158706
1.89329992	2.72412062	2.45368494	2.10867638	2.16632104	2.92051513	1.81817335
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16684567	0.04771423	0.25102886	1.00E-04	1.00E-04	1.00E-04
3.06763113	2.95271136	2.97559827	3.12850839	2.56938215	3.07355105	2.99390965
0.3351028	0.46838113	0.40978506	0.54447271	1.00E-04	1.00E-04	0.24554172
1.2127608	2.07261989	2.42447285	2.37414039	1.87192294	0.46205725	2.33144265
0.31731379	0.44220608	0.37974725	0.16912299	0.24496797	1.00E-04	0.46763613
4.80042164	5.12367145	4.76028172	4.49157952	5.13248813	5.27796326	4.85848675
3.7221925	3.97717777	3.89366536	3.89358902	4.14339113	4.13537387	3.91350827
0.71018583	0.81186023	0.61092843	0.85738206	1.05841233	1.36676698	1.41409584
3.69535647	3.94163287	3.62219701	3.63304903	3.53242754	3.92687046	3.68364804
3.14859198	3.59298173	3.65950578	3.76317993	3.02973413	3.37588378	3.73569758
2.08600427	2.33351063	1.9330194	2.00523171	1.98482747	1.81477389	2.09041512
3.77257102	4.1680233	4.22937548	4.06574627	4.13295897	4.32456026	4.74038282
1.75596256	2.32218622	2.40611761	2.54331422	2.18789686	1.54894874	2.57403856
0.2662018	0.80744246	1.02815715	0.73574868	1.87357848	0.93258825	0.6296299
3.76811268	3.90633413	3.8017402	3.96659657	3.89744083	4.25549476	3.90611402
4.51346646	4.66337793	4.48064657	4.29995568	4.18625369	4.68540587	3.97979308
2.8109215	3.11387566	3.02927921	3.24595453	2.6900953	2.78930347	2.80113423
1.00E-04	1.00E-04	1.00E-04	0.13423188	1.00E-04	1.00E-04	0.11808513
0.59553042	1.00E-04	0.25677308	0.33453372	1.00E-04	1.00E-04	1.26434653
0.38788008	0.82261572	1.56258172	1.14382964	0.69158286	0.33902723	2.89073761
1.00E-04	1.00E-04	0.30602455	0.21012402	1.00E-04	0.12583522	1.04161786
2.95015782	2.66144182	3.42768183	3.91047267	3.10702062	2.61365748	3.15579228
2.1663494	2.26273829	3.04353414	3.28386593	2.33917614	2.71884179	4.08956242
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2171197	2.424756	2.55824697	2.81049811	2.44512037	2.49301467	2.68054648
0.85817085	1.74649856	2.21039578	2.31421849	1.65811512	1.82972497	2.31619133
3.96633054	4.1509563	4.18106093	4.15269499	4.85058577	4.73907111	4.78768297
2.62771049	3.25356755	4.22215346	4.19131251	2.953494	2.71593412	4.20391395

3.95285271	4.25703934	5.13472597	5.107249	3.63891553	4.36052199	5.44114307
2.09714778	2.30009095	2.43065041	2.4720606	2.05929041	1.66147165	2.17323839
3.77871639	3.93779894	4.58381856	4.65090208	5.27107698	5.54980317	6.09759594
0.6287292	1.00E-04	0.31984995	0.38972321	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.12525276	0.09714524	0.090337	1.00E-04	1.00E-04	1.00E-04
0.53938578	1.52907044	0.72171218	0.30424913	1.00E-04	1.00E-04	1.13354202
4.20104289	4.53838174	4.25900739	4.24954681	4.04556042	4.46634126	4.23794552
2.83286539	3.30261482	2.95261843	2.99558566	3.11051016	2.87857576	2.68753253
3.57840885	3.87690848	3.71278064	3.6181964	3.77912788	3.83315837	3.56334128
4.60996573	4.83704317	4.37833667	4.40572681	4.72806306	5.07163675	4.52199352
0.65918612	0.14127426	0.54997446	0.27666834	1.00E-04	1.00E-04	0.34970025
2.84101014	2.97206237	3.62825358	3.73117928	2.15295426	2.19745496	2.84757419
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.76151112	4.09226945	3.91308831	4.10372496	3.74548584	3.99437485	3.90916448
4.79318219	4.93334652	4.6658056	4.67646616	4.91123082	5.07025145	4.63490338
3.57667284	4.03600825	3.61639994	3.67133391	3.72616936	4.2075712	3.43385204
1.76990633	1.50086857	1.68289571	1.60350572	3.56068273	3.18942045	2.7687288
2.48435977	2.79602719	2.34439787	2.35436637	2.39306113	2.8767893	2.15204347
4.52901804	4.27817351	4.1819179	4.48766168	2.98751317	2.78524651	2.67486815
3.51258084	3.91910617	3.88825271	3.97463195	4.42371343	3.95447253	4.21801364
0.57074373	0.16384817	0.21171885	0.16244741	1.00E-04	1.00443023	1.00E-04
4.73072222	5.00289482	4.72550209	4.71635729	4.91858532	5.27294421	5.17625376
3.52097781	3.37779675	3.31436887	3.25121087	5.43946756	4.78385829	4.98660983
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15644917	2.58037249	2.20382114	2.22942336	2.17920061	2.33777563	2.17382699
3.67222316	3.9114565	3.48734881	3.46232321	3.9568178	4.76578269	4.35772354
3.27523896	3.58763633	3.31537155	3.15816134	3.15182912	3.26260414	2.98562929
2.48022632	2.69096146	2.29174809	2.68414441	2.64021448	2.7091361	2.55150916
3.0005516	3.08445177	3.09277537	3.15617136	2.74794789	3.22554899	3.31028284
2.42160081	2.73659336	2.08446439	2.3162604	3.63823028	3.92657283	3.56538753
0.36457577	1.03252583	1.2748506	1.23427565	3.36764332	2.89741597	2.47217465
4.42037687	4.48290552	4.30459927	4.31356188	4.62561662	5.01818838	4.51187384
3.24834659	3.47693316	3.29288951	3.27351805	2.81345003	3.43215534	3.50246735
5.93419888	5.96636895	5.73501966	5.62242458	5.20860336	4.95954233	4.97052748
1.00E-04	1.00037553	0.16054777	0.42475284	2.21424976	1.82469885	1.63860448
0.28044962	0.24255219	1.00E-04	0.14797764	1.00E-04	1.00E-04	1.00E-04
0.84898221	0.20754568	0.29845166	0.0939235	1.00E-04	1.00E-04	0.53424338
3.33947919	4.00865801	3.3984358	3.17337461	2.61217259	2.52357854	2.00117805
0.12498368	0.76414242	0.3250824	0.17427601	1.00E-04	1.00E-04	1.00E-04
2.27355464	2.03720228	2.47615395	2.66301306	1.94039377	1.48030864	2.49886749
3.24674338	3.73415312	4.27671801	4.29033588	2.31222914	2.58171492	3.10519835
3.37943049	3.57918227	3.17305101	3.36889628	3.32362938	3.13945399	3.17986779
4.91134729	4.90706753	4.62876072	4.58040648	4.76064541	5.14748859	4.88136892

0.12498368	0.29476584	0.35818859	0.27220785	1.00E-04	1.00E-04	1.0581204
2.17193894	2.82953417	2.39659673	2.62539216	2.33425123	3.2272178	2.12073315
1.00E-04	0.6422127	0.3592741	0.10777527	0.8004616	1.27101139	2.15794924
1.00E-04	0.3571917	0.25473882	0.16879088	2.04884805	0.52283607	0.16770769
2.55169749	3.39456771	4.12530669	4.18445507	2.73455178	3.0707122	4.22955191
1.00E-04	0.26001034	1.00E-04	1.00E-04	1.00E-04	0.48761421	1.00E-04
1.00E-04	1.00E-04	0.20583623	0.17080126	0.60156552	1.00E-04	0.780778
3.25217781	3.81990298	3.34634579	3.32056019	3.42884498	3.97948182	3.55138188
2.88707863	2.84241435	3.14035593	3.24018832	2.62764872	2.74983556	2.87131735
4.77986865	4.74635326	4.63107424	4.57076139	5.33177618	5.85327546	5.3546296
4.4446242	4.6056209	3.91244873	3.96427149	4.07064759	4.25770179	3.61597731
3.44968109	3.66110798	3.35453693	3.3740446	3.62258799	4.25243604	3.60517945
3.38557356	3.346905	3.26613372	3.35910532	2.97426197	3.31437642	3.46235719
0.26060442	0.20873021	0.259585	0.21042594	0.61280452	0.78673159	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06757308	1.00E-04	1.00E-04	0.31673793
0.44358813	1.01752307	0.65407838	0.75734277	1.00E-04	0.28191199	1.00E-04
0.34058254	0.55117722	0.45514459	0.65827598	0.40674922	0.57689362	0.59867775
6.05105668	6.57160902	5.63047495	5.51800808	5.39961318	6.49719253	5.11374412
2.86057077	3.02739325	3.06352607	3.05158375	2.77295207	3.45697147	3.26133181
0.55901942	1.29026205	1.56306186	1.47677735	1.60502355	1.68042352	2.13887401
1.37071476	1.67410439	1.18734612	1.28164777	1.55569181	1.68138277	2.05292332
3.10254978	3.41689545	3.00730688	3.23181229	2.97781757	3.30059587	2.99987476
2.91417743	3.27466708	3.17986093	3.29024334	2.634493	3.08848244	2.69380725
1.00E-04	1.00E-04	0.12663576	0.12281032	1.00E-04	1.00E-04	1.00E-04
0.83258288	1.18607285	0.90604754	0.70563106	0.68552334	0.91475956	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03347268	1.00E-04	1.00E-04	1.00E-04
1.46751338	1.91199211	1.62106345	1.35994753	0.59994704	1.12385504	0.59069095
3.78351313	4.26232464	4.13010692	4.09686856	2.68484734	3.72499359	3.99941531
1.373627	2.03690055	1.87616247	2.04710773	1.99574911	0.91900621	1.35990702
0.85012604	1.60873842	1.54905183	1.79068856	0.85673923	1.26607716	1.34218211
2.97276146	3.33039211	3.00890462	3.10712575	3.43811682	3.46882464	2.59007087
0.81402627	1.47751758	1.5661336	1.64995308	1.12236941	1.06852617	0.41551265
3.92487984	4.29976152	4.27311068	4.3239936	3.8211388	3.89800648	4.01069941
5.66098625	5.82781979	5.43737695	5.44422951	5.29413874	5.67120095	5.26712011
1.00E-04	0.20985841	0.32184359	0.04080729	0.41241033	1.00E-04	1.00E-04
4.79184657	5.00952169	4.83335238	4.80537591	4.821583	5.01477383	4.56486663
3.36105807	3.50388472	3.22682472	3.19509452	3.6113548	3.64014675	3.16513009
2.73334505	2.92412065	2.77913311	2.75366148	2.55800089	3.42785722	3.08159801
1.37553836	1.14652605	0.7985035	0.99658508	1.76048023	2.60885272	2.49884979
2.62180633	2.7109429	2.76027166	2.86321606	3.07245402	2.55052152	2.77833203
2.65440474	3.12852355	3.79650507	3.8586366	2.72238772	2.75905266	3.83152032
2.87703705	3.03643206	3.01359103	3.03544658	2.69844434	2.42190128	2.79377026
3.44135919	3.80401152	4.49392492	4.52701248	3.12216195	3.55403868	4.3610423

3.42078788	3.80549146	3.41948636	3.49654641	2.83752481	3.25504199	3.1883217
2.92415499	3.11759685	3.35570715	3.280941	3.4773397	3.33677336	3.88146316
0.65253826	0.7445783	0.52304193	0.36278232	2.17283371	0.9908669	1.3081387
5.24780884	5.38165338	5.0022886	4.90489697	5.4358184	5.67596081	5.03809468
2.38942781	2.25876217	2.0332566	2.21355293	3.63167274	4.30312446	3.57059908
4.4553918	4.79416938	4.70946898	4.74041198	4.48024593	4.87108906	4.8720947
3.870686	3.69553047	3.68881286	3.76807481	3.9806418	4.0252548	3.86645244
3.05659473	3.23254182	3.06492381	3.20427061	2.46227766	2.85661498	2.59565807
3.63877031	3.93705194	4.2833693	4.35640917	3.15672125	3.00042348	3.71020789
3.84306008	3.9452902	4.16695322	4.1466	3.51403127	3.71449435	3.93562404
3.30761107	3.83312458	3.66385951	3.57581788	3.67469037	3.59537432	3.86651759
0.70884817	0.9938687	0.49278749	0.67692356	1.88041198	0.90508111	1.68923644
1.82667679	2.0905304	2.89957335	3.13120615	4.09474516	3.43527799	3.41687739
1.00E-04	1.00E-04	0.28239404	0.23594224	1.85470134	1.00E-04	1.00E-04
5.90850256	6.02087339	5.76091276	5.67541383	5.80706269	6.11161742	5.82038713
4.75099652	4.95605598	4.54409659	4.59313565	4.40590388	4.66154104	4.48102786
2.22784565	2.25512788	2.58323987	2.86677956	2.98641507	2.57555413	3.40216417
0.31246706	0.52356952	0.78682468	0.81441272	1.00E-04	0.47990419	0.56615015
3.56931466	4.16029643	4.93475861	5.08214338	2.51438338	3.04491882	4.14462656
1.00E-04	0.97392984	0.46458169	0.39291035	1.00E-04	0.56435897	0.46435976
0.86694648	1.80720003	1.77077906	1.36577357	1.00E-04	1.20789899	1.94249374
0.57425456	0.7887069	0.17742879	0.71102216	4.4217532	4.11714744	2.42849846
2.28554199	2.02754989	1.73859002	0.79984521	1.00E-04	1.07510108	1.00E-04
6.77517898	6.97684947	6.41326517	6.08251504	2.85072876	3.84667451	3.8277913
1.00E-04	0.45020402	1.00E-04	0.10834912	0.60581275	0.34097617	1.00E-04
2.78724439	3.00223468	3.02915183	2.66378619	1.00E-04	1.00E-04	0.13723188
1.00E-04	1.00E-04	0.1506063	0.19276742	1.00E-04	0.11293056	0.44456972
0.60525465	0.22714685	0.1062004	0.5981364	1.00E-04	0.72190198	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.0115582	2.81905548	2.64711264	2.58235924	3.20508564	3.49405642	3.56711239
2.2027787	3.25324116	3.56293306	3.60290842	2.73397211	2.82464108	3.67710334
3.50683488	3.88216556	3.78798545	3.86927776	3.6730643	3.98613353	3.86525327
2.69696666	3.08621748	3.1438659	3.35711076	2.50439078	3.29989988	3.6397384
2.64425923	3.29630756	4.20472892	4.1705102	2.45991553	2.93189016	3.72212257
0.54221713	0.63355395	0.75462161	0.74438092	0.39382455	0.81254868	0.64492475
2.0362876	2.3540379	2.99674791	3.02102435	2.57336489	2.38806737	3.50617982
2.50859498	2.91434641	2.31102489	2.49777011	3.04673402	2.94875689	2.90479947
4.42112894	4.68026953	4.51315332	4.57708272	4.80095347	4.81559366	4.5854944
2.46914018	3.0225385	2.8685627	2.82085087	2.73386006	3.14772066	2.7798141
2.88632997	3.28595337	3.01492244	3.08506697	3.22953035	3.42633843	3.33214695
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.65866538	4.00211256	4.06966675	4.12999955	3.83111174	4.07684114	4.14210665
2.44184859	2.6361324	2.43349985	2.42580492	2.72980407	2.3251888	3.20818445

2.91510025	3.10946747	2.97473358	2.73123775	2.59605815	3.13190539	3.04459492
1.3061801	0.93990419	0.86531353	1.02276741	2.4466637	2.3124385	1.77100476
1.41886575	2.06118883	1.3753216	1.41085501	1.35518929	1.64613416	2.35480813
0.29114248	1.00E-04	0.24925251	0.37390974	1.00E-04	1.00E-04	1.0581204
2.47252611	2.32216936	1.53599345	1.79630816	2.57519188	1.74547823	0.9649516
3.64213725	3.82655681	3.68774432	3.76183259	3.26137532	3.96508603	3.95849632
6.81934714	7.16362872	8.35083147	8.51393891	6.24694422	6.46980136	8.0282257
6.30704745	6.66269016	7.62449211	7.7703373	5.64282914	5.80943588	7.3253862
5.9482101	6.32056402	7.24233421	7.32688245	5.51221739	5.67600035	6.92878153
6.04502599	6.478557	7.31771332	7.45151573	5.55770817	5.73245417	7.14895173
7.25454661	7.55840563	8.41004872	8.57326514	6.52534403	6.76192928	7.96423576
6.88695234	7.25434682	8.17897265	8.35768712	6.34693004	6.48579081	7.74038799
5.91969608	6.03074123	6.78541378	6.95190615	5.46504306	5.38947148	6.66640442
5.66486115	6.08264601	7.18426055	7.34298041	5.35592507	5.46957271	6.99000853
5.84158891	6.24810981	7.25100912	7.30900553	5.62485037	5.70739012	7.09493165
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1.00E-04	1.00E-04	0.10484731	0.05541964	1.00E-04	1.00E-04	1.00E-04
5.8350153	6.35021065	7.31542862	7.38750415	5.42397791	5.83140174	7.18876418
6.08646035	6.57535495	7.58607721	7.66991593	5.78464195	6.04807361	7.26470953
5.81344245	6.21829299	7.12700612	7.24827904	5.38208308	5.47815583	6.81305302
3.74105244	3.81276001	4.73817635	4.90541759	3.66519931	3.75768896	5.17340599
5.56922352	5.97892954	6.78403811	6.91339685	5.21567517	5.57052661	6.80795016
5.94436736	6.37181742	7.5291437	7.53213854	5.40503298	5.5008844	6.90939905
5.7697838	6.1526542	7.09448307	7.17574579	5.41892884	5.40510457	6.77686515
5.16721244	5.52727827	6.58127037	6.76088917	4.5729319	4.81873757	6.23836092
2.07080079	2.372584	2.80313222	2.76291748	2.27349597	2.91606865	3.26334969
5.79956029	6.20476606	7.30218992	7.43266064	5.4545023	5.70621624	6.94900682
6.36714526	6.66903607	7.66759756	7.84940586	5.77197993	6.10410664	7.44614541
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3.11653189	3.28707246	3.99693569	3.98775896	3.20602155	3.22405324	3.37012804
5.12219178	5.47932525	6.55921937	6.64210438	4.69606904	4.89632691	6.19757327
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4.1803841	4.71182648	5.724862	5.68154288	3.6887043	4.08421854	5.126005
6.04008421	6.22615314	7.42191928	7.52654442	5.41023423	5.42685415	6.79432008
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6.03659022	6.2982205	7.32132872	7.51717086	5.35568679	5.49730395	6.67350508

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6.03869316	6.2859186	7.16862945	7.30351876	5.75433151	5.80452252	7.069632
6.35148105	6.66887133	7.56635881	7.67540552	5.90043287	6.03495747	7.43542048
4.72792543	5.24453275	6.20244607	6.33087939	4.72566011	4.71470081	6.29982652
6.20850793	6.5833208	7.58886719	7.73380221	5.77953766	6.02800679	7.48523755
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6.36865212	6.70690812	7.58759645	7.78479523	5.81354189	5.98748657	7.27745244
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5.99247168	6.45595908	7.52334789	7.58875323	5.41213122	5.77004283	7.33527698
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6.06745064	6.31321116	7.32135839	7.48174507	5.63828381	5.73548827	7.0146343
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3.99912255	4.40906668	4.45880433	4.50366292	3.84988016	4.02576159	4.21905486
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3.73398235	3.88270645	3.80290579	3.84083256	4.03213062	4.43321799	4.28194255
3.8106584	4.13815058	3.66339281	3.60651732	4.00717987	4.01766732	3.59734513
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6.33442005	6.7237778	7.86636593	8.01706719	5.95146053	6.20807847	7.54785791
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6.649723	7.16213349	8.01218904	8.05511928	6.07172267	6.30522787	7.62273531
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3.11708448	3.23968827	2.84725286	3.04869883	2.43487382	3.10575191	2.31596749
2.61347339	2.73111156	2.78442896	2.90503169	2.78571187	2.63442957	2.96240603
2.97228624	2.99384448	3.05246638	3.30961071	2.57592174	2.90604096	2.88996636
2.85954513	3.09433256	2.80139598	2.69557996	2.86432889	3.09638129	3.41611897
2.98544902	3.35349869	3.38860094	3.37415364	3.24453132	3.68347786	3.54561208
4.03365758	4.0754349	4.02104335	4.00191269	4.18549561	3.86016643	3.94259863
3.37637425	3.40569544	3.66368683	3.75788124	3.81128404	3.52451449	3.90631823
2.45033375	2.67696471	2.92061552	2.9668181	2.46197291	2.3433006	2.68326827
2.28132726	2.51594762	2.36444849	2.48544346	2.7239556	2.22569884	2.23774396
1.54903817	2.14811516	1.92233586	2.02451513	1.00E-04	2.26407364	1.87785945
2.04976518	2.34964948	2.41263876	2.55480157	2.38785436	1.45382191	2.11301784
1.00E-04	1.00E-04	0.17790323	0.06347517	0.77322435	0.22057069	0.71047747
2.0454666	1.63453291	1.66465891	1.69941238	1.4015027	1.70394585	1.46593401
2.10066163	3.09395328	1.03860211	0.80864744	0.74365793	2.96528452	1.58331817
4.19771434	4.52251852	4.37133977	4.49527492	3.82889674	4.29831439	3.90499534
4.82827227	4.83732768	4.8096439	4.84128061	5.00364757	5.12885958	5.14541178
5.52207015	5.72983651	5.33363663	5.22474311	5.75749132	5.84209114	5.33211816
1.48038888	1.94337457	1.13880792	1.28225957	2.031771	1.14512069	1.60031828
3.89247416	4.1602083	4.33378425	4.34652342	3.56412692	3.67529633	4.25905199
4.2560112	4.43213157	5.10867175	5.18220172	3.70160822	4.0101973	4.7329039
0.35583965	1.03912745	1.35807462	1.11122625	1.00E-04	0.65173525	2.07133733
0.37609985	0.24976366	0.60338422	0.61664777	1.00E-04	1.44906732	1.00E-04
1.68966252	1.22708613	1.27523962	1.36401773	1.86864663	0.45330561	1.48436405
1.00E-04	1.30426126	1.01109727	1.08724473	1.00E-04	1.22214586	0.7794526
0.54758632	0.34580736	0.35500144	0.34187861	1.01363627	1.57708457	1.70247317
1.86141903	2.57920616	2.3972658	2.28956653	0.62853736	1.94479765	1.77857734
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32865556	0.20698473	0.33243456	1.00E-04	0.51556887	0.73115588
1.00E-04	1.00E-04	0.02249447	0.09303256	1.00E-04	1.00E-04	1.00E-04
3.33868047	3.73740748	3.23996621	3.37179511	3.09733153	3.74060996	2.81234668
5.17441894	5.44918744	4.97137938	5.02065044	5.33856514	5.61675406	5.16541481
4.72981513	4.82245993	4.9195238	4.87144886	4.67085512	4.69786519	4.83382929
5.44985796	5.33861016	5.730553	5.64500784	5.39419957	5.49081828	5.63369621
5.17263604	5.27280566	4.83348768	4.85404556	4.20992935	4.85247045	4.54905067
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.21118018	3.44692912	3.32715427	3.40803778	3.00763454	3.41503461	2.95049441

3.04243327	3.48432268	3.54388837	3.68576949	2.99519585	3.41459129	3.42783995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08217953	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16085223	2.10208385	1.80382294	1.93836207	1.90336587	1.75153961	2.38595332
4.57787525	4.6055487	4.6850561	4.68697427	4.41173066	4.4691688	4.55027087
4.08598393	4.18536583	4.1257069	4.16317338	3.92686352	4.0905116	4.08473175
0.18746747	0.31563156	0.4292634	0.30440939	1.00E-04	0.41285312	1.00E-04
1.71773968	1.068906	1.21262202	2.09510253	1.03231781	1.57082472	0.25370611
0.57642423	1.00442973	0.895911	0.93664638	1.15720948	0.36966524	1.00E-04
1.90667392	1.7595328	1.79621221	2.02532493	1.4718588	1.19863967	0.42319615
1.14757804	1.14065657	1.41599754	1.38047505	0.70997801	0.64139002	0.75096242
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15301848	2.00796744	1.93406433	2.21352233	2.60675192	2.99667729	3.36447541
1.447312	1.32962254	1.22903823	0.80672276	0.75565979	1.7980643	1.47205591
4.80816541	5.07329976	4.98126657	4.98034303	4.53784477	4.55217972	4.86313429
5.11059474	5.3152228	5.13632367	5.18724588	5.2718573	5.6368965	5.65080239
2.7356504	3.23950958	2.65417576	2.64687163	3.39317435	3.72605273	3.28870987
0.73272386	0.75671656	1.40006307	1.69891421	0.24496797	0.81782482	1.00E-04
0.61068997	0.33368456	0.34076775	0.29177888	1.43710885	0.76701544	0.11491268
1.00E-04	1.00E-04	0.15221762	0.05056681	1.00E-04	1.00E-04	1.00E-04
0.86711213	1.06232048	0.45429186	0.47087747	1.00E-04	0.68098653	0.87856538
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0825437	1.00E-04	1.00E-04	1.00E-04
1.43142917	1.89943621	2.12189499	2.34173984	1.48487613	1.07234346	1.52172761
1.00E-04	1.00E-04	0.32214576	0.51547856	1.00E-04	1.00E-04	1.00E-04
3.70597494	3.95897318	4.79605963	4.82552466	3.55050409	3.86004381	4.68433651
3.95155323	4.07122907	3.50247561	3.5373229	4.16979381	4.19082585	3.48912126
0.62435764	0.41157707	0.7263958	0.69877306	5.5676761	5.53631185	5.09750132
4.15253953	4.23097618	4.00911904	4.14441031	4.78183771	4.91106558	4.63945369
3.52239953	3.47967438	3.40511585	3.2499489	3.33018616	3.60014965	3.12681157
3.70989479	3.7985456	3.37803511	3.41959014	5.15107166	5.55952796	5.11567904
1.00E-04	0.06680567	0.41416055	0.19437175	1.00E-04	0.20066371	0.11699513
1.94519678	2.29456249	2.13913387	2.14902613	2.1707108	1.96233707	2.35731653
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87129419	1.08322035	1.10520023	1.52087427	2.44031257	1.52654055	2.7489697
6.27328616	6.39505728	5.96101711	6.06859263	5.61909126	5.65218243	5.43485961
1.29458595	1.29378999	0.26154594	0.54119957	2.19637071	1.89113413	0.32815004
5.834005	6.34142384	5.59869882	5.15904323	7.09110264	6.72916233	6.34965944
4.56450248	4.70048906	4.43321863	4.18526117	4.05991747	4.39170654	3.83413181
1.97166678	2.19746716	2.30918027	2.35927934	2.23263573	2.29152662	2.14329376
1.55272791	1.89611672	1.49319052	1.70516062	2.77864825	3.32856106	2.81400957
2.79152953	3.12139078	3.20563489	3.3537613	2.95574652	3.15710713	3.22222646

2.47489071	3.40139472	3.02039198	2.92813055	2.59138137	2.76861764	2.94423142
3.92401594	4.29693805	5.07076016	5.1033659	3.51465447	3.37618648	4.50012329
0.86025701	0.99906009	0.95334027	1.19579814	1.94390138	1.0003881	1.06988473
2.2283135	2.46858096	2.66861314	2.82995537	2.68632548	2.78501251	2.72833787
1.94455603	2.25707216	2.49161078	2.7601976	2.67329388	2.57954959	2.88938094
2.80424151	3.1332062	3.42338415	3.51703538	2.58731383	2.74477873	3.45570718
0.53991719	0.26557489	0.66782633	0.59901983	0.43090184	0.29937888	1.17118129
0.52299029	0.05111793	0.2171459	0.100366	1.00E-04	0.52947541	0.47427383
1.00E-04	1.00E-04	0.02656361	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15519593	2.04307721	1.582623	1.67008182	1.17905937	1.93698486	1.63294863
1.93768516	2.50343177	2.67221858	2.81761789	2.22989235	1.81546048	2.6541354
1.00E-04	1.00E-04	1.00E-04	0.04440519	1.00E-04	1.00E-04	1.00E-04
1.79099499	2.61000162	2.82415808	2.7624663	2.3078018	2.54253184	2.68554419
4.5323603	4.44457581	4.17778271	4.12181754	4.44575621	4.5562206	4.21463467
3.62424053	3.50856119	3.02239908	3.20198365	3.1997947	3.19812068	2.99230869
2.30179288	2.03690651	1.82802645	2.1186997	0.66710525	2.87929474	2.01539638
5.1877558	5.80800327	5.13788535	4.49679235	2.85587576	1.97221216	2.49771707
0.70767426	1.25237085	1.13069784	1.0801981	0.53515803	1.31221796	1.32051433
0.98983917	0.06771236	0.49896938	0.20214628	2.71276128	2.13651202	3.97228019
5.47384009	5.64634048	6.61933382	7.01839864	4.12732204	4.59821184	5.74141276
4.75363141	5.17704243	6.454633	6.50737317	3.63435994	4.34191139	5.74913559
1.56183442	2.16568825	2.83713825	2.91110667	1.2618535	0.63479445	1.82388777
1.00E-04	0.9402825	0.84824746	0.59011737	3.32706504	2.68073216	3.81139139
1.00E-04	0.27718531	0.15469454	0.58760943	0.80006359	1.00E-04	1.00E-04
1.00E-04	0.20188518	0.21080871	0.59754021	1.00E-04	1.00E-04	1.00E-04
0.62914129	1.48283973	2.3205342	1.56649916	1.6875701	2.3277223	3.13485744
1.00E-04	0.19078687	0.45735329	0.91618736	1.00E-04	1.00E-04	0.70560506
5.80304821	6.10253441	7.48477969	7.52390943	4.14147029	4.27236677	5.93747204
1.00E-04	1.00E-04	0.04436929	0.10694066	1.00E-04	1.00E-04	1.00E-04
5.27922904	5.88193472	6.58126473	6.67369241	4.88359293	5.39569882	6.51715707
1.00E-04	0.29972667	1.440459	1.00862854	1.00E-04	1.25516204	2.03520171
0.85081235	1.43106704	1.79834355	1.68285316	1.00E-04	0.88197312	2.45940634
1.00E-04	1.00E-04	1.00E-04	0.06517759	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.65047779	1.90725409	1.68965987	1.00E-04	1.83772081	1.67690422
3.64039644	3.86011726	3.62333536	3.72380287	4.18961292	4.07304498	3.90962151
2.23081851	2.71488828	2.36636867	2.57134409	2.00567162	2.48956551	2.67268885
0.6013517	0.06489235	0.99404232	0.92515061	0.35750248	1.57612621	1.75811301
1.00E-04	1.00E-04	1.00E-04	0.08666465	1.00E-04	1.00E-04	1.00E-04
2.99641322	3.24490818	4.00783229	4.13979299	1.71448711	1.89351414	2.79116762
0.53505981	0.2723123	0.31839682	0.44213066	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16519998	0.19957492	1.00E-04	1.00E-04	0.48661133
1.00E-04	0.229472	1.00E-04	1.00E-04	0.54828133	0.22057069	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.30142738	1.8819001	2.38894807	2.64067596	0.48060496	0.37183371	1.7831392
4.64776875	4.58137651	4.37534099	4.30069814	4.32915945	4.34184148	3.98526157
4.17679746	4.06293205	3.84399438	3.88511666	3.91250101	4.03959451	3.66004597
3.89979623	4.0113883	3.62473832	3.69252636	4.05849497	3.93184703	3.71632631
4.70738303	4.83662346	4.62511954	4.62449391	4.9851078	5.01635051	4.46812483
4.42531937	4.468859	4.30241827	4.26761716	4.31577084	4.39248437	4.16975363
0.74383376	1.3475869	0.77338319	0.75704193	2.43748877	1.68538518	1.53155589
1.00E-04	1.00E-04	0.05187347	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.46204183	0.22818324	0.47823154	1.00E-04	0.35770721	1.00E-04
1.00E-04	1.00E-04	0.02251706	1.00E-04	1.00E-04	1.00E-04	0.12174474
2.17570381	2.64636958	2.79676053	2.92005538	2.34156191	2.42803507	3.04721349
0.88954516	1.16227778	0.96048741	1.17484136	0.96682379	1.00E-04	0.54753402
1.00E-04	1.00E-04	0.04858468	0.27088013	1.00E-04	1.00E-04	1.00E-04
1.83083351	1.71840553	1.57782643	1.33690636	3.59845607	3.93337231	3.67514978
1.00E-04	1.00E-04	0.36754525	0.90649868	1.02325163	0.45330561	1.43342465
1.20731392	0.81752017	1.09260045	1.21270507	1.00E-04	0.74115649	0.44589773
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3.26272613	3.45890902	3.11949807	3.0742714	3.44455033	3.64583527	3.42903399
0.36990848	0.0723876	0.19629183	0.09975666	1.00E-04	1.00E-04	0.24851266
1.00E-04	1.00E-04	0.12676488	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.68743895	3.92177527	3.46005238	3.60447143	4.40068636	4.60373951	4.19151926
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3.79769925	4.42165862	3.80328206	3.96770495	3.82310271	4.42814271	3.04131385
4.68476078	5.22841729	4.88628415	4.98965236	4.84215351	5.28559864	5.07476895
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4.23950199	4.40424372	3.79677547	3.83807303	4.13382599	4.27511452	3.67168321
3.54031008	3.98764986	4.77421471	4.88978851	3.105224	3.72246961	4.61053931
3.02712812	3.06684666	2.94109619	3.05815161	3.27778336	3.39764256	3.08560849
1.63741613	1.6805155	2.2577004	2.29172585	1.47334349	1.60737607	2.98370644
3.71437479	3.99422855	3.78106743	3.83484699	4.30098384	4.12445221	4.22131137
2.70531952	2.60698594	3.09805532	3.26576856	1.9877757	2.27188923	2.88327033
0.17198161	0.29051118	0.15696819	0.09139262	1.00E-04	0.69649474	0.41306813
0.35757121	0.39834672	0.27261114	0.5753285	0.99972265	0.42071409	1.00E-04
3.47992978	3.8108467	3.76118755	3.73286938	3.70537438	4.02740447	3.99459361
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4.51988646	4.78352762	5.15470571	5.00148153	4.71891728	5.10469798	5.45889523
1.00E-04	0.2848622	0.09954423	0.04307757	1.21285557	1.23794054	1.12028313
1.18104136	0.92636465	0.93884721	0.70621948	0.48823099	1.30821857	1.19227227
4.63555074	4.80723036	4.7124818	4.74878456	4.68004028	4.94813072	4.8800793

4.33972914	4.78382979	4.6406883	4.95685384	3.780908	3.74754521	3.84223819
1.72521998	1.64644667	1.79134727	1.85008851	0.91253233	1.69101719	2.32573251
2.99969192	3.02630702	3.11944125	3.18599111	2.70380437	2.83034282	3.09870774
3.38090667	3.49699257	3.44227893	3.48739953	3.360821	3.72959037	3.16452449
3.13882742	3.48257566	2.75734706	2.51125277	2.91234046	3.21165719	3.38243406
3.71882255	4.00232725	4.3094082	4.30487391	4.53963479	4.65250482	4.61269773
2.27588659	3.04369031	2.84875365	2.79485476	2.56763585	3.18358446	2.78241143
3.36824272	3.90367032	4.58612801	4.28525039	3.51804545	4.30767758	5.43345228
2.49015049	3.21801804	3.79680826	3.77194329	3.24666996	3.06698344	4.20705964
5.5073215	6.27630647	5.5297226	4.84530951	4.62007796	4.80129735	3.98143893
1.00E-04	0.59478356	0.11317471	0.09959725	1.00E-04	0.502903	0.21257887
0.30752728	0.70929226	0.64602219	0.53059494	1.17255372	1.00E-04	0.19124552
1.13640447	2.35043031	1.72925862	1.62128482	2.62271927	2.65730187	2.2037102
0.67758143	0.97801387	0.8557471	1.20254848	0.44157893	1.87932505	1.29784807
1.40980372	1.31946768	1.24166768	1.11287842	1.3504979	1.92537478	1.33679539
2.09709485	2.88329524	3.18371747	3.22317204	1.23311886	2.00254436	2.90238152
3.11040528	3.06843683	3.36536703	3.34131003	2.74608995	3.34035795	3.31468275
3.44507016	3.72400454	3.65773029	3.84530164	3.21749532	3.41457221	3.20715342
3.70009143	3.76897046	3.21865091	3.34450096	4.47615907	4.74176848	4.56580985
1.2123317	0.91705173	1.26679501	1.47670239	0.83532772	1.72000179	1.23378683
1.00E-04	0.53616891	0.11203624	0.34324599	1.00E-04	1.00E-04	1.00E-04
4.73804587	4.90759842	4.62800557	4.67241901	4.76698234	4.85297981	4.679973
3.71384501	4.10979244	3.5754946	3.698186	3.80663995	3.92117399	3.65356799
1.50127227	1.71800398	1.35560776	1.71144999	1.91875938	1.24650125	0.91995834
0.8816247	0.37605343	0.57597939	0.66232275	1.00E-04	1.00E-04	1.00E-04
2.96802614	2.54706087	2.85913134	3.09760232	2.91886017	2.30365449	2.65822374
2.81124344	2.9893901	2.91557737	2.85186748	3.03407797	2.89448828	2.88760844
5.4970723	5.57212991	5.35959323	5.37756715	5.79158739	5.81551778	5.46074833
4.53045014	4.716137	4.23056218	4.25010684	4.68480342	4.81800813	4.50262849
5.26900138	5.6056927	5.13310892	5.11347815	5.35782557	5.83021696	5.38020523
4.00519938	4.28382352	3.85608182	3.90542288	4.01882765	4.3271146	3.83416345
4.12818326	4.30452189	4.12970346	4.17238751	3.84157088	4.1835957	3.92493349
3.58975741	4.0642505	4.10775834	4.11038372	4.14605471	4.43098297	4.43008574
2.86566928	3.14164449	3.30812171	3.27436162	2.48205267	2.99091873	2.88040042
1.63974231	2.39260405	2.4249168	2.23649631	2.5287594	3.36784832	2.89132842
1.00E-04	1.00E-04	1.00E-04	0.19173939	1.00E-04	1.00E-04	1.00E-04
3.05435392	3.55065447	4.11889539	4.16077139	2.42325442	3.11325952	4.12364675
3.85079442	3.98927222	3.6544997	3.70147131	3.70240013	3.83295309	3.3624389
6.06538497	6.29308744	5.81032255	5.72798261	5.58041281	6.09090431	5.33552891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05559603	1.00E-04	1.00E-04	1.00E-04
2.33214842	2.41318898	2.45956986	2.34906993	2.71335669	2.91912548	2.58884255
3.4812936	3.71912571	3.42039611	3.48084678	3.84329576	4.06350459	3.8673947

0.35015357	0.06964474	0.23744153	0.49379657	0.82056047	1.27072617	1.01878352
1.98462309	1.58894047	1.31049984	1.27295897	2.46412026	1.48346089	0.32790737
3.41176353	3.47178669	3.47813584	3.49697488	3.73154548	3.38516421	3.71318724
2.03932119	2.66184861	2.49475535	2.27567846	2.2257264	2.81728803	3.59521222
0.52688064	1.26834827	0.59675128	0.68168857	1.00E-04	0.6263421	1.00E-04
1.00E-04	0.90653495	0.28932411	0.38711535	1.00E-04	1.00E-04	1.00E-04
4.95366163	5.12919231	4.73089846	4.66958055	4.7817967	5.04520836	4.83994184
4.99555149	5.15434914	4.59466764	4.47928533	5.37183628	5.29400549	4.62067399
0.42641032	0.38623917	0.79015904	0.61585269	1.00E-04	1.00E-04	0.45384227
2.8951091	2.98898027	3.39036215	3.46102542	2.89919262	2.6188611	3.00013752
1.00E-04	0.76113205	1.54807821	1.39089155	1.00E-04	1.24595083	2.73636872
1.00E-04	0.24413804	0.2021974	0.06426335	1.00E-04	1.00E-04	1.00E-04
3.03230115	3.66406942	4.95548289	4.65789697	0.44085717	3.24685034	4.83043042
1.00E-04	1.00E-04	0.45993522	1.90894771	1.00E-04	0.66364304	0.48696079
1.00E-04	1.00E-04	0.06908997	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20517817	0.27939314	0.26755341	0.26691999	1.00E-04	0.73909429	0.53633196
1.72366423	2.52904213	1.84721786	2.08259602	4.57819681	4.86609148	4.7421223
1.00E-04	0.49464417	0.3386283	0.18203714	1.00E-04	1.00E-04	1.00E-04
4.58077846	5.02503575	4.56864489	4.33092236	5.3620607	5.74615062	4.8583506
2.04714358	2.75776253	2.35304377	2.2697924	3.14169366	2.8889765	2.80734993
3.70381548	3.58507186	3.11624916	3.18206347	4.34387118	3.63222293	3.62935353
1.32886766	0.69206114	0.50795682	0.68714109	3.25380182	3.63184947	3.97850467
0.20907578	0.30325742	0.27875862	0.35288688	2.67157365	1.57898681	1.57542687
6.21890264	6.16847658	6.04928108	5.90209712	4.68579286	5.08190632	4.71121776
1.00E-04	1.00E-04	1.00E-04	0.05665539	1.00E-04	1.00E-04	1.00E-04
0.71893021	1.00E-04	0.1623589	0.13750026	1.00E-04	1.00E-04	1.00E-04
0.12230013	0.1570972	0.0861031	0.25473527	1.00E-04	1.00E-04	0.07440699
2.32873033	2.20415007	2.62288214	2.81527598	1.00E-04	1.27429086	1.16163555
0.290508	0.60982386	0.25001699	0.07574168	1.00E-04	1.00E-04	1.00E-04
1.10454204	0.10819332	0.23823391	0.43775567	1.93280287	2.41460295	2.59413494
1.00675657	1.2750871	1.07544359	1.07453242	1.39255907	1.35551397	0.79304329
0.57747342	1.73398193	0.85978616	0.79425322	1.14379378	1.11554734	0.59669438
1.00E-04	1.00E-04	0.2244742	0.13878861	1.00E-04	0.4134279	1.00E-04
1.00E-04	0.07029735	0.19632726	0.17862901	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23663036	1.00E-04	1.00E-04	0.38488463	0.16158638	1.00E-04
0.70244807	0.97578055	0.31720681	0.39767616	0.67865304	0.48322649	1.47517468
1.33109174	0.94725656	0.43384327	0.85561706	5.00863561	3.93539384	3.3588628
2.39961381	2.90270264	2.78529945	2.93036205	2.13735771	2.80441062	3.02375265
2.00565394	1.75361424	1.67530244	2.07877312	0.78100511	1.95694187	0.54341171
0.33322991	1.08292384	0.84349514	0.39107649	1.07735918	1.31524528	0.5734038
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54948145	1.00E-04	1.00E-04	1.00E-04	1.28919417	0.11466061	1.00E-04
2.39793993	2.8851773	3.14340952	3.23220599	2.37672131	2.599646	3.21903934

4.30813777	4.6503903	4.70426436	4.78296432	4.53237441	4.84570722	4.89528341
2.73773561	3.30221594	3.27813176	3.19647257	3.79711503	4.4434937	4.650084
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3184665
1.00E-04	1.00E-04	0.22315241	0.2281095	1.00E-04	1.079005	0.88806394
2.50612211	2.60975942	3.32444028	3.37098063	2.22039021	2.71282017	2.78752656
1.87834814	1.87938278	2.02410501	2.05814483	1.83787485	2.80793984	2.7011708
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43512446	1.00E-04	1.00E-04	2.43796353	1.45993501	3.16379006
0.52098638	0.61111512	0.0835862	0.4404597	1.00E-04	1.00E-04	1.00E-04
1.09303558	1.10844919	0.5622068	0.83679588	0.65609135	0.27938516	0.37001647
1.00E-04	1.00E-04	0.14600412	1.00E-04	0.40975599	0.47359811	1.00E-04
1.34401345	1.60106468	1.08872784	1.15565023	0.40975599	1.50805527	1.23867886
0.96013515	1.61206282	0.71283401	0.61636174	0.69427996	0.58658968	0.21478556
3.88010353	3.84157252	3.58491197	3.64157559	3.61746683	3.73589312	3.42251137
3.47349175	3.94631035	3.47713142	3.53900937	3.62644796	3.62856196	3.68366391
3.38131443	3.44286562	3.52138782	3.67325899	2.77578726	3.67469525	3.56549387
0.48315329	0.22931551	0.20350394	0.1131454	1.00E-04	0.11240321	0.55008282
3.22730503	3.85274238	3.33655185	3.17115714	3.04633359	4.13835257	4.05950671
0.22248093	0.26190299	0.16115995	0.15808617	2.04473882	1.93733058	0.61160362
1.11698255	0.65137224	0.96385992	1.12988582	2.52089383	2.87127397	2.86393011
3.82570152	4.25589389	4.25775199	4.21084223	3.67083706	4.35597785	4.89047729
0.24193707	0.60944689	0.10129066	0.61049503	1.07287978	1.00E-04	0.44642761
4.18028336	4.55983422	4.08543891	4.1299726	5.71813582	5.77654995	5.26110415
2.89237033	3.10192944	2.91551681	3.0564221	2.98456608	3.5760287	3.49854317
2.84569661	3.44867794	3.64770098	3.74921055	3.25034053	3.03092596	3.78241354
2.90879979	3.44753855	3.98456795	4.00943813	2.91938604	2.33059869	3.44845056
3.77948688	4.10525351	4.31565883	4.3404833	3.56681158	3.67483953	3.90535527
3.89299168	4.03611098	4.0311939	4.00292169	4.40143381	4.1297865	4.18359867
1.00E-04	0.52177791	0.70507924	0.7373735	1.10070734	1.00E-04	0.49683657
2.893364	3.16896645	3.63540988	3.64243516	2.23825869	2.81257933	3.35117618
2.5257042	2.67515959	2.5150897	2.81868463	1.92358512	2.49334235	2.66961204
1.418859	2.16692614	1.87401337	2.19086483	1.26806671	1.95857008	2.41864853
3.61871522	3.90517504	4.1223381	4.19177025	3.90769072	4.06540441	4.08329874
3.14660308	3.43965491	2.98947969	2.90423537	3.01176568	3.66732346	3.03165845
1.18904669	1.14297505	1.99270453	1.87129985	1.10768824	1.03797245	1.51956908
1.88171982	2.28181064	2.9612148	3.05340705	1.34691313	2.44146648	3.1512052
1.8915552	2.17258695	1.47306284	1.87998294	1.98436042	2.53290839	0.43165982
1.2794812	1.32517085	0.79740137	1.22619141	1.51986086	1.90857245	1.33246585
1.00E-04	0.4135696	0.66429257	0.3580186	1.00E-04	0.6956863	1.00E-04
1.12250147	1.58834616	2.00496025	2.06178305	2.10878939	1.96310189	1.99760606
0.50248779	0.54156714	0.31237442	0.69345346	0.35750248	1.04300631	1.00E-04
1.48039212	1.0675689	1.42247656	1.06060863	2.29532612	1.35636824	0.57736868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.48335795	0.30351778	0.49263395	0.39347886	1.00E-04	0.27606067	0.38864073
0.42496173	0.70830199	0.59053043	0.51832096	1.00E-04	0.06695938	1.17899809
4.24078596	4.32942951	4.76548349	4.85576233	4.05692608	4.12665333	4.39074898
3.28913747	4.02537404	4.63827013	4.70630514	3.17782172	3.55386719	4.66054723
3.22204246	3.38202054	3.58412508	3.52192069	3.00935943	3.28357973	3.32571724
3.25250027	3.11840106	3.10911697	3.24761442	3.26859688	3.66430639	3.49537912
2.36444653	2.04019749	1.7329491	1.95229142	0.51366621	0.33283282	0.602153
1.00E-04	2.11181145	1.46302534	0.99654684	1.00E-04	1.86019851	0.47442031
0.2977978	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18857193	1.00E-04	1.00E-04	1.00E-04
0.27581034	1.00E-04	0.11271225	0.28998438	1.00E-04	1.00E-04	0.53081464
4.18267882	4.07433465	3.82383779	3.80522075	4.18492579	3.91376465	3.64698022
4.20562113	4.21361003	4.04742831	4.1678726	4.26670016	4.34523278	3.95194834
3.1157857	3.43045971	3.15395354	2.98084161	3.58229773	3.33265972	3.29755085
2.94981847	3.16390254	2.76906831	2.95640942	3.11675398	2.74184188	2.26672829
4.30349215	4.63811779	4.13337947	4.17770382	4.05182457	4.42016354	4.26308556
3.42135093	3.44419954	3.1903782	3.20003714	3.30843683	3.50382454	2.94869401
3.48211395	3.6256466	3.21664502	3.31117663	3.51323555	3.56935063	3.21741445
3.69495938	3.94560924	3.67599447	3.59279577	3.79092701	4.04721486	3.58791923
4.97312019	5.11135029	4.77621134	4.66270754	5.13396343	5.38706725	4.88135729
3.2284903	3.77916933	3.52937344	3.49293177	3.16928746	3.9490385	3.47750234
4.12297837	4.41365648	3.93658017	3.7345542	4.07953661	4.64996418	3.8094642
4.9649339	5.21434334	4.97733048	4.89651487	5.24576828	5.16942155	5.11304233
1.72715489	1.64396468	1.34572319	1.24232825	1.78884089	1.76778465	1.10783984
3.18492913	3.63376686	3.6563948	3.61327097	2.70049194	3.19835141	3.27180757
3.77252208	3.51312214	3.39483004	3.3843203	3.21784032	3.63170083	3.0446855
3.89788881	4.56346671	5.45745891	5.51738615	3.67692763	3.96837534	5.20473299
3.66342548	3.97568545	4.91269474	5.02803926	3.16579994	3.58749266	4.51389936
4.38633173	4.68365247	4.90280957	4.98078445	4.18664928	4.49458923	4.64509269
5.06668108	5.06164515	4.75437676	4.66603157	5.24277253	5.13594825	4.83916586
4.42482492	4.38983702	4.25342393	4.3496279	4.58611224	4.45315423	4.41569052
4.50793521	4.51158306	4.07444506	4.0926724	4.93054609	5.12735689	4.7658321
1.00E-04	0.78842649	0.39474862	0.56152384	1.00E-04	0.33235459	1.2708526
3.85779586	3.95596559	3.93392599	4.03367861	4.02351624	4.14616634	3.79736339
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1.00E-04	0.15261579	0.25995185	0.05093541	1.00E-04	1.00E-04	1.00E-04
3.89476716	3.18730645	2.73631209	3.70651624	6.87958051	6.6428241	6.28951995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.66381211	0.37416533	0.23720758	1.00E-04	0.66364304	1.00E-04
4.12906573	4.45276521	4.53106974	4.67963802	4.09915751	4.15915265	4.40909555
0.62728941	1.52541654	1.44456298	1.71950957	1.2017777	1.80539306	2.63753541
3.71469794	3.76357157	3.32969491	3.28856792	3.62330426	3.68208218	3.45444712
3.42091342	4.0768788	4.5379634	4.57716519	2.91369082	3.25634535	4.38344147

1.76766403	2.81518364	3.22575113	3.47462658	1.00E-04	0.61693497	2.02263808
1.05459714	1.48710627	2.08161689	1.7998719	1.14701834	2.03101422	1.79273656
3.23754731	3.37521312	2.99645782	3.19516243	3.33807911	3.4653937	3.43716425
1.25241467	1.76215469	2.19105707	2.20580346	1.29990502	1.29141552	2.66368578
3.13647946	3.6631301	3.9765395	4.0042953	3.8337028	3.79573525	4.32341433
4.25067953	4.55413651	4.83650331	4.75755769	4.29169221	4.69127444	4.76949808
0.22886845	1.00E-04	0.1585774	0.30212637	1.00E-04	1.00E-04	1.00E-04
4.14963676	4.7352566	5.77010561	5.77139768	3.85154299	4.337251	5.63329511
1.35829954	1.08675537	1.49129973	1.2864691	3.75791912	3.47904982	3.67849617
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.46995236	3.99703937	4.07409869	4.0263023	3.29187717	3.22812402	3.32477612
3.9081273	4.38651148	5.19750991	5.25396036	3.6667106	3.92231449	4.92833889
0.52394957	0.74799903	0.19236181	0.3840987	1.00E-04	2.20754272	1.71495358
1.32738945	0.85549887	0.85133566	0.54444905	0.50894684	1.47127238	0.28991116
2.1432858	2.38540781	2.00910648	1.93328804	3.80953938	3.20888196	3.05318322
1.36401568	0.22597662	0.85118505	0.62580059	2.64708446	4.40337976	4.03551546
0.47733508	0.6912296	0.21361789	0.344152	0.38091442	1.1275771	0.46437926
1.00E-04	0.05651393	0.09700329	0.20753089	1.00E-04	1.00E-04	0.11808513
0.81711947	0.9605005	0.42226798	1.6246121	1.00E-04	1.00E-04	1.00E-04
3.62158434	3.04803782	3.1051621	3.2978428	4.25023576	4.32311826	4.33623153
3.20827335	3.17803223	2.94968022	3.24012527	3.89626548	4.07489549	3.7969624
1.00E-04	0.2661941	0.17429259	1.00E-04	3.00804799	1.79682332	1.90495748
6.31626718	6.20464819	6.0573805	5.89383836	5.56884281	5.35197858	4.91986166
0.85718849	0.82124343	0.74425645	1.05362982	1.00E-04	0.74397532	1.00E-04
1.69837823	1.5589373	0.93228554	1.29542715	1.00E-04	1.39675876	0.79891567
0.88678588	0.81312683	0.30300578	0.56262782	3.57767301	3.2999828	3.1837858
1.3850767	1.23200773	1.87767832	1.88787461	1.80295787	2.31955905	1.00187222
1.00E-04	0.22092953	0.05586166	0.0872113	2.24773783	2.31347128	1.27384158
1.82315713	1.19405856	1.37399332	1.76464919	1.31789473	1.90633584	2.07011637
0.31411139	0.18587224	0.41674207	0.38313736	1.00E-04	1.00E-04	0.58165963
0.636494	0.05854233	0.21530147	0.2953192	1.00E-04	1.00E-04	0.41062209
2.81926207	2.51727808	2.75764578	2.36421602	4.83841603	4.69125125	4.08391303
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.37762163	3.48978436	3.27047367	3.32662162	3.64998416	3.62943406	3.65087059
3.98331898	4.26422697	3.99255213	3.92760453	4.31917166	4.34060701	4.29724385
1.860847	2.62175466	2.54259311	2.70013136	2.63591463	3.05512759	2.85525401
4.74179637	4.89341354	4.42066884	4.37898102	5.53674847	5.61669416	5.24112126
5.65470224	5.86297413	5.43038858	5.39479148	6.27016293	6.06108509	5.61187702
5.64781312	5.57395584	5.46521751	5.33281763	4.59521061	4.76039191	4.54076659
1.08561646	1.14778942	1.29975713	1.2141933	1.59328757	1.56369198	1.83242431
2.77753126	3.21898399	3.18911897	3.17740636	3.58536121	3.19690034	2.8741521
2.99804607	3.67718021	3.92505187	4.00732126	2.71534537	3.08777379	3.69104615

2.86935058	3.0843943	2.75699328	3.04075328	3.02456478	3.25923723	3.1256443
4.08681955	4.42068008	4.79916209	4.83524995	3.74133118	4.03963192	4.04283005
0.65453594	0.91290685	0.38205554	0.32917304	0.8685976	1.8542181	1.62410866
4.66315132	4.73596482	4.90238179	4.96651412	4.79570374	4.81310691	4.93506481
1.13312538	0.53204407	0.54557112	0.58207521	1.92332136	1.92855122	1.1785723
0.84925033	0.39745684	0.25721487	0.25879544	0.73107521	0.97664515	0.47870019
4.39356637	4.36338691	4.46893188	4.68067305	4.1854732	4.21475943	4.58652626
0.29490836	1.28827653	0.3127379	0.8289635	0.96401179	0.49885011	1.18258656
1.00E-04	1.00E-04	0.54903327	0.35662848	1.00E-04	1.00E-04	0.67048142
1.00E-04	1.00E-04	0.07035523	0.18754976	1.00E-04	1.00E-04	1.00E-04
5.18915096	5.25537695	5.17684667	5.24234754	5.38825226	5.529242	5.32477047
5.71892574	5.89676719	5.96106916	5.9093428	5.83778644	5.8829442	5.83085301
1.26649047	1.55155062	1.55007934	1.62327498	1.00E-04	2.06958062	2.12457642
5.18141654	4.8671538	4.6186053	4.65346883	4.60448613	4.35035149	3.96998841
3.27950687	3.20039222	2.94320582	2.99300551	3.46782476	3.77569266	2.93810823
4.92789138	5.12189261	5.46154867	5.48349162	4.49742498	4.72485433	5.31927925
1.86624234	1.72864169	2.2165376	2.45195586	2.01502202	1.43993024	1.86368508
4.34081197	4.8468461	6.01945833	5.89935401	4.23390671	4.57198855	5.95885907
4.13670564	4.23244622	3.74909376	3.81504881	3.65130898	4.17690786	3.6707676
4.51321275	4.8687592	4.58424512	4.60210449	4.23665653	4.43333065	4.18381203
1.00E-04	0.61969161	0.07821298	0.3642855	1.71084307	2.22722707	0.98055519
3.65008527	4.10620448	4.00418324	4.01566883	3.74783976	3.81442328	3.81920371
1.37300406	1.38064623	0.98020259	1.29741142	1.00E-04	1.56774799	1.06738665
3.98711904	4.13553541	3.84191975	3.7931224	3.62434164	4.16024505	3.30536337
3.7235445	4.15331996	4.80785826	4.79292027	3.59157878	3.90320383	5.04542856
0.18986072	0.39826818	0.44304455	0.87131582	0.61280452	0.2827378	0.37021682
2.45602948	2.54378925	3.03215966	2.90620496	3.24992613	2.59060773	3.58533029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.22038157	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04244401	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06680567	0.2084623	0.15808994	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.40364972	3.98634938	4.34406698	4.16570322	3.79308046	3.6039978	4.5428428
0.25774037	0.3168317	0.25143767	0.37357724	0.51102197	0.5886213	0.32701458
1.00E-04	0.37043934	0.5570233	0.77880625	1.00E-04	0.2210583	1.05313973
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8501723	1.00E-04
1.00E-04	0.66387857	0.0481326	0.29868197	1.00E-04	1.00E-04	0.11491268
1.00E-04	0.80440718	0.15909712	0.43838431	1.00E-04	0.24764169	0.13785291
2.04843708	1.61680726	2.48728276	2.20177733	0.43177254	0.33416963	2.43682671
1.00E-04	1.00E-04	1.00E-04	0.10479961	0.59189493	1.00E-04	1.00E-04
2.6234659	2.96758021	2.86189714	2.64344807	2.78633196	2.35906341	2.24796183

4.29619586	4.59890307	4.64648764	4.43031923	4.77304509	4.91896579	5.00339615
0.4278964	1.35538358	0.52249993	0.51190358	0.8560749	0.80215855	0.37113616
1.43506627	1.75702187	1.62053055	1.83127184	1.02320947	2.05148755	1.49192402
1.73212415	2.89403484	2.32654985	1.88710526	2.14249832	2.70499364	3.74997221
0.86162934	1.69581141	0.76610478	0.83252294	1.00E-04	0.74332227	1.00E-04
0.62412925	1.82234185	1.72612223	1.84411172	1.54388961	1.33662223	1.83487715
0.23582726	0.9818879	0.48909886	0.82683254	1.00E-04	0.92378488	1.20552097
0.63659658	1.08142574	0.21163247	0.29864267	0.54370492	0.44101496	1.00E-04
0.31577327	1.29787106	1.00684201	0.73159619	1.00E-04	0.76346391	1.11056717
0.31577327	1.00E-04	0.36554757	0.48408253	0.63583153	0.85111946	0.94701783
2.18377944	2.47059397	2.32027956	2.67362605	2.58831691	3.42445195	3.28907195
0.27106856	0.4051153	0.05489052	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89781464	2.85533431	3.65396566	3.60229644	2.5894116	2.59513202	3.23300171
4.04954971	3.80507363	3.54937344	3.62283573	4.94009198	4.77409003	4.51235668
2.0414244	2.74261297	3.31974407	3.46748632	2.82798098	2.8152605	3.61916529
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.08011905	1.00E-04	0.09993511	0.24496797	1.00E-04	1.00E-04
1.00E-04	0.24502811	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.56983919	4.65849366	4.27163121	4.26648161	4.19996674	4.49648774	4.53260196
3.71078925	4.27024231	3.90236412	3.50635613	2.0147688	2.17275151	2.44877104
3.06998495	3.2393977	2.86574298	2.97119089	5.87414393	5.95697602	5.85424411
2.34867917	2.03552426	1.55883267	1.59251067	2.56543444	2.87008617	2.71208273
4.73934871	4.95796261	5.36430161	5.38300855	4.33079251	4.60145392	5.1654731
4.1943985	4.5367217	3.74738875	3.76311233	6.6574442	6.45646836	5.88962876
2.8583742	3.0050487	2.56550366	2.63423986	2.71040207	2.86767662	2.45152447
3.46950866	3.40681009	3.30729323	3.26097695	3.41706927	3.32115189	2.92567958
5.81640863	5.99858702	5.51610339	5.3899771	5.9494383	6.01510172	5.53198613
4.33986916	4.19388207	3.96169259	4.00084615	4.33867097	4.40677382	4.15783951
2.43769381	2.42455407	2.19367569	2.38142254	0.51102197	2.26016719	2.025674
5.11265593	5.21596006	4.89034651	4.83243335	5.34847839	5.44824983	5.18457562
1.34638586	1.93165595	1.79684705	1.66722608	0.77322435	1.34531511	0.37833456
4.22401619	4.24843105	4.27402124	3.91748564	3.77779287	4.35905984	3.87031196
1.96884981	2.03207506	2.19184419	2.58063321	1.72758249	1.76533012	2.57388797
3.25163057	3.55733442	3.45772081	3.42817857	3.77736765	3.99412407	3.86267647
3.48835634	3.57551576	3.26624309	3.48190876	4.94707711	5.22608311	4.88800663
5.60129671	5.86118351	5.41318222	5.42090581	5.72506287	5.83382756	5.46695661
1.00E-04	0.41364586	0.32132974	0.28597445	1.00E-04	1.00E-04	0.54253831
0.21325562	0.13160671	0.04185622	0.10198201	1.00E-04	1.00E-04	0.49077974
0.74903541	1.00E-04	0.25143609	0.43772171	0.54065888	0.94910943	1.00E-04
4.76866077	4.99255149	4.88977135	4.94309988	4.69508997	5.09102482	4.94504662
3.45049257	3.74931289	3.61192382	3.60365886	3.38395551	3.26546112	3.39813808
3.05672113	3.45441807	3.34303345	3.30503536	3.23684364	2.99420866	2.97067205
3.36655626	3.78998804	3.79219511	3.91144909	3.43137141	3.612012	3.71860576

5.20496095	5.27636611	5.24726036	5.1782633	5.18138719	5.29495073	5.05656436
4.09747578	4.49978589	4.61919869	4.79644083	3.59855138	4.06860404	4.33111808
4.0530204	4.41964798	4.22974799	4.25448508	4.25465655	4.45680765	4.12059699
2.08385379	2.56315664	2.93511273	2.91400994	1.70070697	2.42486964	2.94134405
2.64264646	3.23125953	4.07955892	4.22597884	2.78269615	3.29024382	4.07171018
3.63324231	4.17156355	4.80997366	4.89316617	3.67873391	3.51380172	4.41150462
3.80518341	4.10053916	3.50849342	3.51816416	3.8191618	3.95718738	3.30838954
3.77216925	4.34438679	3.77086172	3.68594827	3.85658411	4.02463226	3.83762652
5.85454007	5.90487015	5.61320493	5.39973289	5.87858583	5.35976802	4.99740612
0.2779322	1.00E-04	1.00E-04	0.08256788	1.00E-04	1.00E-04	1.00E-04
5.30034499	5.43350256	5.24048545	5.10633515	5.28762914	5.40347482	5.19055565
1.1507638	1.37653245	1.88657383	1.99518935	1.24730419	0.82805058	1.36272797
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44263091	0.15972216	0.22408499	1.00E-04	1.00E-04	0.57389592
1.00E-04	1.00E-04	1.00E-04	0.08170271	1.00E-04	1.00E-04	1.00E-04
4.70151313	4.88185859	4.49546771	4.39818957	5.19512552	5.07169386	4.37597277
3.32457739	3.69616229	4.13854842	4.16070446	3.23172925	3.71856959	4.15128943
2.64202177	2.38154162	2.37186339	2.48915823	2.44509809	2.79630829	2.29692957
1.00E-04	1.00E-04	0.04896499	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1960454	1.00E-04	0.05585155	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.61203395	0.38031578	0.1977451	1.00E-04	1.00E-04	1.00E-04
0.39149292	1.00E-04	0.22977742	0.21518022	1.00E-04	1.07276296	1.00E-04
0.15967964	0.52404321	1.07994577	0.53083802	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07931038	1.00E-04	1.00E-04	1.00E-04
3.75558535	3.74416881	3.56811144	3.58214859	2.93520755	3.55147517	3.28288115
2.72142499	2.91131959	2.49487048	2.65903808	2.07391642	0.80109472	1.90721182
2.151124	2.5455655	2.60509782	2.61953493	0.70708068	1.76488961	1.54340509
2.42561109	2.95483921	3.03157863	3.07412458	2.5100037	3.27853196	3.45622539
0.87311878	1.3814841	1.11294969	1.21064517	3.01943197	2.02768153	1.51385866
1.00E-04	1.00E-04	1.00E-04	0.05267282	1.00E-04	1.00E-04	1.00E-04
1.56311096	1.74030483	1.19040992	1.47851534	0.67865304	1.15332779	1.12036891
2.49193069	2.18224024	1.46858731	1.37386287	0.97786628	1.76435356	1.46247955
1.03203102	0.81114046	0.45616575	0.43190373	1.53053625	1.25293891	0.31671355
0.39938962	0.96376486	0.78309482	1.2283562	1.00E-04	0.76609517	1.0166947
1.754957	1.31073057	0.7708276	0.82766404	0.92813488	1.43434449	0.66807669
3.11558616	3.55634634	3.24901231	3.31176514	3.62401174	3.43141209	3.45817287
1.00E-04	1.00E-04	0.0241916	0.13738778	0.38488463	1.00E-04	1.00E-04
2.49999037	2.5015726	3.10905953	2.86303414	2.29031987	3.16158425	3.85327922
1.00E-04	0.26839314	0.15749226	0.18667679	1.00E-04	0.29729505	0.27658511
5.56263128	5.68963928	5.25129126	5.2199969	4.99474724	5.38418238	5.01868245
2.76766724	3.00110817	2.27262609	2.46224543	1.6472881	3.06339602	3.40375433
0.35217536	0.80165001	0.72997988	0.78671785	0.80018124	0.42698816	1.76523832

0.91765339	1.60993035	1.01719703	1.38908707	0.74577637	0.93318052	0.57593605
3.79561618	3.92952878	3.76065682	3.83430969	2.39115727	3.30109135	3.53687441
3.63931938	3.64027756	3.44532406	3.63677297	4.91202487	4.93259001	4.58003112
0.52137631	0.75663373	0.44991669	0.70920155	1.00E-04	0.96990282	0.66369171
1.7670961	1.84111943	1.97792315	1.94736459	0.54293045	1.3085715	1.93220024
0.44842776	0.0723876	0.43862093	0.59709712	1.00E-04	1.00E-04	0.28606626
2.78295944	2.66347871	2.49633913	2.42231252	2.93220086	3.18847495	2.3951271
2.80165036	3.03292665	2.8305287	2.69456827	2.91242779	3.42269375	2.79652612
2.60328762	2.96112923	3.02452546	2.9937161	4.3456925	3.56292954	3.69848718
2.48776223	2.14933369	2.47760397	2.7283302	2.55962844	2.5830138	2.18625492
2.25076164	2.13614374	2.54524282	2.60086503	1.68345904	2.3395037	2.12347638
0.97056968	1.15534415	0.93450106	1.08652651	2.499245	2.96441722	2.44156569
3.74897434	3.75270767	3.57984467	3.82516827	4.97720286	5.06533771	4.47563356
4.19819251	4.33801369	3.9816798	4.04254943	1.00E-04	1.00E-04	1.27558377
0.75016363	0.65595247	0.49310663	0.40718457	0.41241033	1.00E-04	1.00E-04
3.56730689	3.90287687	4.20062337	3.84190599	1.00E-04	0.74887531	1.73508481
1.85333301	1.90430811	1.87605395	2.0693692	0.48060496	1.38720258	0.8188615
3.99433296	4.27189494	4.02087727	4.12165806	4.83293146	4.12338409	3.97764246
1.00E-04	0.76599827	0.43616137	0.25000199	0.74910948	1.10089171	1.00E-04
2.37142025	2.73370129	1.98269739	1.77144376	2.5014583	2.17526648	2.17444892
1.00E-04	0.9883925	0.77536461	0.39924944	1.00E-04	1.20533734	0.11699513
0.31224162	0.56498814	0.50926754	0.54048256	1.02390345	1.61454994	1.2924991
0.95466978	0.63385288	0.57447881	0.74384661	0.40912496	0.37047444	0.65298383
1.35552072	0.96271606	1.02626387	1.08825475	1.00E-04	1.0619585	1.24238007
4.30122395	4.5230365	4.67864919	4.62687663	5.17537404	5.10798292	5.49907087
1.24339173	0.94203663	0.32021154	0.56742982	0.43177254	0.68427765	0.57441759
5.6596327	5.97347576	7.38063129	7.43541334	4.39041757	4.66517089	6.22945506
3.66819389	3.94401172	4.12589215	4.24585783	3.39328727	3.77026597	3.96524407
2.79290211	2.97632518	2.90674334	3.00898007	2.63898045	2.6868346	3.00927637
1.00E-04	0.98666988	0.12780065	0.30165409	2.48010198	1.38082776	0.90256082
4.69454816	4.92702565	4.83870763	4.79984058	6.00315073	6.02632553	5.86297434
1.95940756	2.20948577	2.13258944	2.13191809	2.27377196	2.44953699	2.10339774
0.46185597	0.87388853	0.76543102	1.00056272	1.14885475	2.24639894	1.22482076
0.90597565	1.44458849	1.89298017	1.89337131	0.963426	1.66991785	2.16185181
4.35580464	4.39047777	4.19647944	4.09007226	4.24242009	4.46031416	3.71979793
1.00E-04	1.00E-04	0.14097429	0.11696952	3.26165031	2.24822804	1.13331849
0.17887386	0.09520901	0.07719454	0.19757805	1.00E-04	1.00E-04	1.00E-04
4.26433705	4.48027991	4.36836635	4.47227996	4.41350466	4.18015853	4.57270509
2.17470037	2.44164891	2.83745235	3.06765063	1.17830776	2.4011759	2.3522704
6.61015613	6.72276868	6.43849202	6.29315679	6.208594	6.30524815	5.75604627
0.72186521	1.10579629	0.9326497	1.10260631	1.45461492	1.93314341	1.30665214
3.16347037	2.84830776	2.34424531	2.2059257	1.50430431	1.83981866	2.28983223
2.2322501	2.48815507	1.42173763	2.09287176	1.58812324	0.56877345	1.81875124

3.23941069	4.78995874	3.34590712	3.42295972	1.00E-04	1.70443348	1.04084604
0.53737457	0.61450566	0.87510756	0.70367544	1.1898787	1.07518495	1.94096738
2.3901463	2.37298782	2.29861697	2.18111005	2.51230934	2.43300093	2.09754022
1.00E-04	1.00E-04	0.03987095	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.31320006	1.43070422	1.07735049	1.03653838	1.23788642	1.40723673	0.98970704
0.87136297	0.20237072	0.12078054	0.13635905	1.00E-04	0.7121759	0.54379918
0.9148373	1.6709005	0.58829049	0.74452953	1.09988491	0.8890793	1.00E-04
1.00E-04	0.2981273	0.16302004	0.17975444	1.00E-04	1.00E-04	1.00E-04
3.01278162	3.51847446	3.85126496	3.92754216	2.97842087	3.24507959	3.53403754
2.03496338	1.5963209	1.54140151	1.44548008	2.21207853	1.78343003	0.59155868
1.00E-04	1.00E-04	0.22762881	0.06327397	0.52474525	1.00E-04	1.00E-04
2.53772748	2.7804684	2.7750572	2.94477014	1.9697052	2.55424244	2.58714204
1.00E-04	0.12222235	0.13619228	0.14019003	1.00E-04	1.00E-04	1.00E-04
1.3843614	1.81277126	1.17843841	1.29184222	2.90374768	2.35209843	2.04455669
1.00E-04	0.41168553	0.22020068	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57396952	0.5355662	0.77373371	0.5455793	0.50488113	0.7173759	1.36448442
1.00E-04	0.68004592	0.36907986	0.28937173	1.00E-04	0.743872	0.37328265
0.18986072	0.41175002	0.33767902	0.17011368	0.80320642	0.57028545	1.00E-04
1.00E-04	0.17070607	0.08763906	0.13376352	1.00E-04	0.40480752	0.88346204
0.2662018	0.10719646	0.30578616	0.45120147	1.00E-04	0.34293625	0.77234612
1.00E-04	0.15780826	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04221235	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59884315	0.17058413	0.07928787	1.00E-04	0.8998872	0.10785897
3.64041087	4.44978635	4.71939716	4.8631767	3.15325749	4.14286145	4.36882602
0.32350681	0.70665974	0.34183438	0.4798031	1.00E-04	0.65957407	0.11565659
0.73153492	1.64107893	1.30275685	1.4306881	0.43177254	1.0778343	1.92017481
0.2633732	0.53268182	0.54434042	0.37038653	1.56950167	2.43526136	1.98202513
1.00E-04	0.19046311	0.04934224	0.26318961	0.70997801	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04346592	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85327327	1.31826528	1.08061485	0.75122356	3.4044428	3.39888335	3.03805143
0.26871703	0.24313712	0.50934482	0.29102374	1.00E-04	1.00E-04	1.00E-04
2.91153538	3.06736685	3.07044653	3.20334502	2.990956	3.11281131	3.34754599
4.06672961	4.1658763	3.92238096	4.02612147	3.94510003	4.19492468	4.26516361
4.50685033	4.42855932	4.17051592	4.16822411	4.37342902	4.69607305	4.05454138
1.06181356	2.06127666	1.61540098	1.68047172	1.03510859	1.08490298	2.13608241
2.28574259	2.25432443	2.88908759	2.83438269	2.05073024	2.19028547	2.4086476
1.15997017	1.3525189	1.32226344	1.17737556	2.11479357	2.40332532	2.47241437
4.91192445	5.04340636	4.82603977	4.74075162	5.36445846	5.35358064	5.06292693
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76123655	2.08335407	1.40366529	1.62959582	3.53319755	2.68076921	1.63227322
4.15604275	4.08533164	3.8233509	3.78119567	4.37939717	4.6526877	3.96418502
3.33902533	3.62022886	3.02027404	2.92138697	3.70580882	3.99030253	3.39973112

0.14265331	1.00E-04	0.13807053	0.06976615	1.00E-04	0.28135532	1.00E-04
0.39447403	1.00E-04	0.07682751	0.47690816	1.00E-04	1.13999521	1.00E-04
1.71046199	2.10895256	1.68882947	1.44046743	1.00E-04	0.8415025	0.08557164
1.00E-04	1.42352767	0.48365757	0.53347355	0.50488113	0.45588009	0.11491268
3.22765901	3.66329133	3.19024957	3.17598792	4.20751945	3.82850025	4.36576371
0.86087447	0.21152951	1.00E-04	0.06014221	1.00E-04	0.22044102	1.00E-04
0.845299	0.76151096	0.55008797	0.80133775	1.70218208	1.40004683	1.22601611
3.13133681	3.45455223	3.2109818	3.03528736	3.5990358	3.70075975	3.38213544
3.17860132	3.30901346	3.43074004	3.34092273	3.02994115	3.67303953	3.44432427
1.36841055	1.23392568	0.86504933	1.30242268	1.63963042	2.77635496	0.46540546
3.35368606	3.44046992	3.33634216	3.42427085	2.20953516	2.96900954	1.98271439
2.63129837	2.93481648	2.59909862	2.54964513	2.5103908	2.94165924	2.51225047
1.24902044	2.11703349	1.14470433	1.8619782	1.673229	2.37278047	2.01204383
1.00E-04	0.33862109	0.03338817	0.11931863	2.41501841	2.81497749	2.18775886
1.42818317	1.78415211	2.01888888	1.76609772	2.22568201	1.80297895	3.24347035
1.00E-04	1.00E-04	0.02604918	1.00E-04	1.00E-04	1.00E-04	0.48997172
1.18074321	0.87441661	1.25683351	1.57228117	3.38782581	3.65850359	3.27691103
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60166436	0.09236564	0.66926652	0.52715506	1.00E-04	0.12640632	1.74761711
1.1689621	0.45380426	1.40582449	1.89755265	2.0044471	2.15108879	2.50920135
0.49217953	0.4621734	0.66926972	0.48668316	3.00145731	3.35988589	3.76002923
1.00E-04	0.32681976	0.29430973	0.18612991	1.00E-04	0.25417005	0.29719528
2.3071092	2.00229659	2.3541123	2.57971809	1.04809831	2.0589019	2.03220887
4.13965836	4.02641449	4.03776288	3.48802894	4.98603486	4.50961805	4.21217696
4.04135212	4.13425441	3.80160115	3.81994389	4.07775091	4.70365989	4.48809386
6.6891377	6.77003033	6.37226266	6.26034757	6.38523763	6.64726498	6.12205859
2.81470427	3.17826745	3.42021358	3.51041943	3.15342015	2.7430985	3.60143566
3.72444184	4.02359205	3.6690759	3.51686964	4.34382004	4.34108627	4.33870367
0.76079376	0.15261579	0.2652897	0.2549753	1.00E-04	1.00E-04	0.50814514
0.73734791	0.94614439	0.31463667	0.53328349	1.00812897	0.7050632	0.34032951
3.62549807	3.82695894	3.33321062	3.24925626	3.84000636	3.99536385	3.42314257
4.63142043	4.78801916	4.42686091	4.35931355	4.77511388	4.74962068	4.45320193
3.57274777	3.61396664	3.28487613	3.34435427	3.00618548	3.33733575	2.67300043
3.70776021	3.98974283	3.88309594	3.95779734	4.48673314	4.57868394	4.43092031
3.16668575	3.5918556	3.75616047	3.67609784	4.09272049	4.59692053	4.60965906
5.47143625	5.73459702	5.147165	4.94194792	5.1635722	5.56805707	5.25170069
5.13254025	5.27313954	4.70617581	4.20570274	4.06723319	3.78096255	3.46111129
4.78547615	4.93822772	4.45636082	4.31546435	5.35463635	5.67141919	4.98131569
1.73509629	2.50005295	2.73249219	2.69389132	3.07601442	3.41019831	3.83357009
0.74103191	0.67002006	1.47141077	1.15173127	0.44157893	0.77373136	2.22988992
4.1519315	4.51445641	4.07556414	4.05491068	4.31661383	4.53118941	4.03537346
3.76484532	3.73508232	3.9236438	3.87941529	3.92844504	3.89845633	3.72692884
2.18681481	2.44810139	1.97705886	1.98550989	3.24461556	2.82053877	2.45718129

1.26242651	1.73288185	1.63625735	1.50328968	1.24216052	1.15585425	1.487291
2.01961074	2.37156696	2.199394	2.29250741	1.95975591	2.05718519	1.65803356
1.91371422	2.45578215	2.38854921	2.2896836	1.77232836	2.2912923	2.06993486
3.42244135	3.49632505	3.73230878	3.71699387	3.51105415	3.42375195	3.37342548
1.92021411	2.10991519	3.1644672	3.28306444	0.91650234	1.42469462	2.54046148
2.31350041	3.01585741	4.01950634	4.05717182	2.31601774	2.39474299	3.77885137
1.00E-04	0.56582616	0.18996236	0.15080054	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05487559	1.00E-04	0.61139607	1.00E-04
1.00E-04	0.20663674	0.1178331	0.20701342	1.00E-04	0.35359087	0.96656376
1.00E-04	0.2199184	0.10999435	0.14211325	1.00E-04	1.00E-04	0.3392339
0.73940704	0.68542665	1.18759148	0.61748915	1.00E-04	0.80237762	0.57365824
2.97391655	3.24491463	3.06470744	3.42543171	2.72870001	3.08756497	2.71337475
0.8382906	0.20761411	0.3894428	0.72594716	0.40975599	0.70722451	1.00E-04
7.28538234	7.25061611	7.11259446	7.07443648	3.21738754	4.57493669	4.1263932
4.76190229	4.70645029	4.50570354	4.51165841	6.09516735	6.15204935	5.93912751
5.14681985	5.07173074	4.63771746	4.49149855	5.63632825	5.20484664	4.79126183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91632913	1.00E-04	1.00E-04
4.46731833	4.83786592	4.53569405	4.47594585	4.46422437	4.83163229	4.69703692
1.82192195	2.07716849	1.91622434	1.84952237	2.18365442	2.20492792	1.92375078
0.26718572	1.00E-04	0.05979631	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.02552455	4.46903412	4.86475478	4.95809385	3.88203329	3.9413477	4.71755843
1.73418005	1.97738876	2.06996385	1.82185173	1.80105116	2.32453976	2.13052394
4.58469678	4.52471699	4.33082081	4.57573822	4.14532868	4.30866065	4.06780124
4.78170688	4.84633389	4.47302169	4.30290449	4.39563746	4.10414749	3.43503897
2.79030097	2.28308713	2.30831206	2.33487511	2.88080437	2.79475002	2.24714891
4.41212625	4.59109534	4.3408052	4.43547085	4.26086109	4.34803581	4.19884913
4.76020224	4.70338543	4.39327553	4.58158883	3.90602526	3.64702796	3.29720928
3.3792859	2.84631673	3.25692446	3.69527735	3.85112273	4.67766714	4.80122681
3.50188402	3.7398191	3.89350845	3.77951303	3.02705443	2.88139714	3.28991804
0.96344186	0.31711458	1.46428022	1.30332992	1.00E-04	0.16121801	0.4857399
0.54718509	0.68658586	2.24195409	1.74884065	0.24496797	2.17276951	2.70759145
3.88337034	3.99044893	4.21051832	4.1290322	3.5926012	3.64496222	3.7621731
1.1996445	1.74011642	2.11070667	2.08496914	0.84428951	1.56411177	2.2403858
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92936573	2.22392137	2.11880897	2.27381918	1.51296048	0.4610971	1.42529443
1.00E-04	1.00E-04	0.27917847	0.12413827	1.00E-04	0.36471294	1.00E-04
0.57772243	0.67255248	0.29647471	0.13076552	1.00E-04	1.00E-04	0.25370611
0.41215536	1.00E-04	1.00E-04	0.04204093	1.00E-04	1.00E-04	1.00E-04
4.07881909	4.26612383	3.9660361	3.79634307	4.56441214	4.69047728	4.34576411
2.76919438	2.82500987	2.90455093	2.96550412	1.55890377	3.36475358	4.41017172
3.29385002	3.61534759	3.20766061	3.22474555	2.40964883	3.61349642	3.69881687
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40983364	0.13866036

4.25905514	4.25088106	3.78152347	3.83779553	4.04545936	3.95623903	3.7251501
0.14841374	1.00E-04	0.34404425	0.42014374	1.00E-04	0.51765254	0.5335074
2.44857866	2.23444655	2.45722072	2.41554084	1.3958512	2.24851207	1.74057366
1.00E-04	1.12196365	0.89719077	1.04489657	0.99349592	0.93447405	1.00E-04
4.95078212	4.90711796	4.63693962	4.53121704	5.08146247	5.38402077	4.99853215
3.23629232	2.60431839	2.72113776	3.02904218	2.29872327	2.37721307	2.65170027
0.9507884	1.31299678	1.07855614	1.32754377	1.45800301	1.92490943	1.71815488
2.47858582	2.52026441	2.56356073	2.55809366	3.25491847	2.82838181	2.78265154
1.00E-04	1.00E-04	1.00E-04	0.07655093	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09542326	0.08906976	1.00E-04	2.05425655	0.94221809
1.00E-04	0.7422803	0.27980054	0.48721466	1.41463099	0.89800379	0.92466868
1.36705859	1.76464849	1.71830022	2.06906661	1.11454281	1.40853921	1.46625086
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79299415	0.80505807	0.53603601	0.36985328	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13619559	0.07360984	0.0744105	1.00E-04	1.00E-04	0.4509066
1.00E-04	1.00E-04	0.12780124	0.23087999	0.89553159	1.25360299	1.00E-04
1.83377197	1.26707806	1.12729339	1.07714816	4.91575333	5.015056	4.64026693
1.54990746	1.98409362	2.25732397	2.15898684	3.27097619	3.60959769	3.74022101
3.93616362	4.01720515	3.98677635	3.77628577	4.65455074	4.61239746	4.43427638
0.24840909	1.00E-04	0.06685709	0.1886532	1.00E-04	1.00E-04	0.9962578
1.49978693	1.22212894	1.50299977	1.1529745	3.23093838	2.42529834	2.99969015
0.3141684	1.92962466	1.13591129	0.89892318	2.49433519	1.18180515	2.3484036
0.95537067	1.00E-04	0.54884202	0.30372928	0.85135337	1.00E-04	1.00E-04
0.26269535	0.44638419	0.3959142	0.25058153	1.00E-04	1.00E-04	1.00E-04
1.20373191	0.9818809	1.04684242	1.43797456	1.2352155	1.1787234	1.26454142
0.68963706	1.25876917	0.81463411	0.86381477	1.00E-04	1.00E-04	1.00E-04
0.47205679	1.10269634	0.56418688	0.55968271	0.38091442	1.00E-04	0.2166229
3.29751325	3.49421181	3.73126295	3.65552735	2.73172675	2.91983832	2.94049609
1.97975461	2.1820443	2.42667355	2.61976489	0.94216702	2.41945895	2.84713088
2.1425268	2.42483516	2.14098527	2.25776739	2.81380112	2.79412747	3.10521611
3.00841713	3.08484363	2.9495865	3.00324702	2.53317359	2.57769484	2.64035514
4.6411804	4.38337278	4.2050236	4.36849412	4.36950841	4.41666216	4.1611342
0.47996984	1.00E-04	0.12013702	0.14163494	1.00E-04	1.00E-04	0.83822697
1.00E-04	0.31642676	0.20106986	1.00E-04	1.00E-04	0.31292031	0.34861727
1.00E-04	1.00E-04	0.09406737	0.20466034	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14214848	1.00E-04	1.00E-04	1.00E-04
3.98865091	4.21140161	3.85749962	3.9170052	3.75832099	3.74457853	3.90290037
1.00E-04	0.2367435	1.00E-04	1.00E-04	1.00E-04	0.12583522	1.00E-04
0.72919002	0.18508902	0.24360422	0.38588995	1.00E-04	0.89702203	1.00E-04
0.73520852	0.1008123	0.62457318	0.37687781	1.46658524	0.35498049	1.13903594
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.63836451	0.92878779	1.24072604	1.44185356	0.44085717	0.583322	0.25370611
0.85748572	1.94131545	1.57190436	1.13849239	2.91434878	2.73965854	2.50367392
0.9692336	0.75427523	0.71480121	0.82746748	1.4440848	1.46560354	0.64235737
2.67622693	2.54129436	2.43393046	2.65175297	2.59276372	2.92724985	2.66178402
1.00E-04	1.00E-04	0.07834971	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31415139	0.44695953	0.96037176	1.36275048	0.89495811	0.60506541
0.9502822	1.46711033	1.67922378	1.0788031	0.87446197	1.38318308	2.05231168
0.88408713	1.18385752	1.29514755	0.81225674	0.24496797	1.69037811	1.96275501
2.73737117	2.46469947	2.6643079	2.77439847	3.50247337	3.08297468	3.5203839
3.00725843	3.5090884	3.45885432	3.61838636	1.76893776	2.29050771	3.07328894
1.00E-04	1.00E-04	0.33509863	0.17275016	1.00E-04	1.00E-04	2.23075775
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.13870278	4.2884986	4.18239361	4.18258224	4.73777554	4.56914529	4.35120875
3.55165881	3.62985705	3.18781717	3.2597904	3.35482615	3.87633127	3.16819086
1.00E-04	1.00E-04	0.0900835	0.13671525	1.00E-04	1.00E-04	1.00E-04
1.09152539	1.17071084	0.92734431	1.02934677	1.04591256	0.65476517	1.00E-04
0.71032768	0.68706962	0.41296697	0.55218314	0.44340029	1.08201203	1.00E-04
1.43970418	2.11009062	1.75936175	1.51888368	1.76242269	2.54119846	3.24845198
1.00E-04	0.42770224	0.58994424	0.5483478	1.00E-04	0.54685586	1.00E-04
1.00E-04	0.11363526	0.36369785	0.34829249	1.00E-04	0.0838544	0.65245196
1.97670671	2.35589398	2.74656748	2.77839848	1.39780181	2.54314469	2.55770338
1.00E-04	1.00E-04	1.00E-04	0.09357467	0.86518274	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2106566	1.38919849	0.81927875	1.29368444	1.51446242	1.30823927	0.31698023
1.87991965	1.51301588	0.92488769	1.29662113	2.71124948	2.28149302	2.12528703
1.00E-04	0.42702259	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.43085106	1.00E-04	1.00E-04	1.00E-04
0.42682379	0.67666045	0.55883744	0.54364101	1.00E-04	1.31646806	1.15223574
2.0430901	2.58694846	2.03484206	2.0184593	2.27890487	2.25383567	2.24015891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10856447	0.06522323	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25676357	0.11700218	0.13310202	1.00E-04	1.00E-04	0.23472517
0.98736444	2.36434381	2.10982871	2.18596867	2.65489287	2.99403669	2.2004366
4.35004072	4.70336443	4.16721881	4.06561073	4.38453109	4.54039911	4.22968253
1.00E-04	0.27012088	0.24105551	0.11830883	1.00E-04	1.00E-04	1.00E-04
1.40355094	2.25873014	1.89651422	1.88765166	1.5346828	1.62549759	1.58939464
1.00E-04	0.13299072	0.11857684	0.04828678	1.00E-04	1.00E-04	1.00E-04
2.50784961	2.47946012	2.46627434	2.77544861	1.87396314	2.38391588	3.03055209
0.12498368	0.56389438	0.4063202	0.19556655	4.21585978	3.93557917	3.72045896
0.84261584	0.79207524	0.80124947	1.50767821	1.00E-04	0.99158834	1.25012354
2.03375479	2.67318883	3.11951254	3.2367654	2.16375545	2.64404193	3.127898
0.85405733	0.70249767	1.00864111	0.61500972	1.00E-04	0.68362993	0.07440699
1.77051608	2.3826072	3.04087256	3.0646286	2.1784675	2.08666271	3.35682557

3.90169483	3.95963772	3.85629697	3.68306718	3.77186573	4.12083613	3.73662323
3.67110912	3.90281885	3.40856707	3.59079751	4.62221626	4.71289048	4.54451881
2.06539418	2.329966	2.08113031	2.22257692	1.94043611	2.64687703	2.2076937
3.36283676	3.53751014	3.21475953	3.34117457	2.99965203	3.63532405	3.28898944
3.4380548	3.48873139	3.22309371	3.22005395	3.85396197	3.76727973	3.58762821
0.89875342	1.87170593	1.28944272	1.13928654	0.4683059	1.3615684	1.22384862
1.52554342	1.7847764	2.18386732	2.19097515	2.73955015	3.17437819	2.85403517
0.57431165	0.25366114	0.25724008	0.25663251	0.50894684	0.31965103	1.00E-04
2.68506255	2.59166449	2.59178161	2.36367132	3.25738458	2.77579565	2.72087097
1.46928329	1.39995658	0.68554672	0.48766609	2.26041524	0.37035592	0.73872185
1.31333876	1.63539018	1.80013321	1.95812081	0.96784019	1.41291765	1.85655414
1.59499574	1.52112899	1.51341123	1.65393365	1.92599186	2.12252258	2.22118367
4.31656684	4.27861966	4.22655676	4.44367558	3.8340052	3.87083137	3.74213232
4.19471709	4.03340856	3.70036117	4.05591256	3.3030216	3.73663022	3.54190757
4.92351065	4.98442464	4.72193715	4.68618141	4.7155389	4.67588427	4.63334765
2.09809396	1.76630552	2.12553604	1.93772059	2.76619395	3.01667888	3.20108014
2.96861419	2.72872519	2.99659751	3.0300623	2.90214533	2.68005664	2.74772106
1.28322278	1.19112702	0.81054757	1.02545644	1.42030332	1.49370353	1.66250399
4.06944328	4.38987201	5.20374905	5.35290679	3.70929933	4.15440824	5.18809586
2.84987704	3.0366114	2.8898034	3.06053333	2.30919688	1.99974732	2.01292294
0.5848479	0.08572866	0.17057718	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.94469307	2.83670834	2.61031937	2.6693029	2.8634432	2.76440946	2.84039008
3.20038259	3.7711875	3.4125308	3.1465376	3.88399159	4.32068826	4.33522002
0.8497945	1.17466381	0.66563027	0.46858593	0.61280452	1.15897056	0.57729075
1.24095327	1.94477478	1.89640403	1.93156397	2.72334014	1.79422908	1.5405659
3.4985893	3.70049239	3.63328951	3.76098052	3.95001798	3.80679096	4.0108161
3.15502066	3.4574292	3.54315584	3.4807428	3.4816266	3.91404885	3.87310792
2.48756528	3.06544932	2.9295098	2.89720015	1.99018929	2.8775628	2.76985062
1.46447434	2.45555948	3.14038148	3.25535668	2.17613662	2.51208904	2.90763909
3.20590129	3.69674444	4.35662835	4.42251461	2.99518383	3.49821654	4.1292331
3.11116195	2.93633027	3.12116526	3.20347338	3.63328986	3.17321688	3.87493473
1.00E-04	0.24994948	0.32232561	0.14040493	1.00E-04	0.71510627	1.34863366
3.55743696	3.38323212	3.60762059	3.35826896	2.65308356	2.98131144	3.05348091
2.295792	2.30499884	2.23081886	2.54351728	2.99664112	2.40340775	2.10988845
2.28002345	2.78398775	2.46823984	2.70012161	2.37724966	2.97558724	2.44172379
1.43901516	1.04011343	0.92669826	1.33210119	0.75792252	1.83644138	0.91358141
3.23856966	3.44015955	3.52234837	3.70388467	3.27126528	3.30276139	3.25175713
0.19142737	0.69550184	0.32435356	0.08611463	1.00E-04	0.43712087	1.00E-04
0.18570691	1.00E-04	0.05932151	0.16755611	1.00E-04	1.00E-04	1.00E-04
3.60126502	4.06765056	5.01687502	5.03464633	3.6066653	3.84849448	5.20189843
1.39553166	1.56922766	1.4369267	1.70082369	2.19107071	1.42827086	0.86174347
1.00E-04	0.13619559	0.11426815	0.26861565	1.00E-04	1.00E-04	1.00E-04
2.50516841	2.58074382	2.84649907	2.77085044	2.60850084	2.621774	2.67097023

1.07511071	1.32432678	1.47069846	1.74825685	2.05465934	0.25930142	1.65702393
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.20308509	1.95349182	1.74505823	1.92684127	0.24496797	1.32437108	2.27542219
3.05808043	3.2780419	3.07519164	3.28468112	2.36794795	2.31690492	2.90210751
0.15649427	0.58077844	0.50996043	0.66944496	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.40872768	0.04181117	0.48648899	0.71649841	1.20554686	0.66861775
1.00E-04	0.70208525	0.28483339	0.29841997	1.00E-04	0.82681633	0.17016891
1.20742301	1.52911446	1.40070956	1.50898406	1.18508282	1.75796376	1.03413272
1.00E-04	1.00E-04	1.00E-04	0.03131999	1.00E-04	1.00E-04	0.3841957
1.54152636	2.07247589	1.82774498	1.86178573	1.30369071	1.4184393	0.97282306
1.00E-04	0.35808485	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.07392638	1.89248964	2.02516769	1.96566827	2.87555848	2.60460358	2.48665663
3.00045361	3.37851612	3.21250191	2.74095177	1.00E-04	1.34865667	0.76437775
0.17691039	0.30583542	0.30403127	0.38953424	1.00E-04	0.53033425	0.74221624
2.76789858	2.74844954	2.63043118	2.68426989	2.68858892	2.42309004	1.44911473
1.8052324	2.15255247	2.56537183	2.74703153	1.32859295	2.19659485	2.38021685
0.73001936	0.72317369	0.11537546	0.35583569	1.14974659	0.66364304	1.00E-04
0.70851976	0.06110646	0.02722217	0.20100097	0.50488113	0.63874952	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11216352	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.0644423	0.06027878	0.40310186	1.00E-04	1.00E-04	0.79223293
1.98860697	2.65759222	2.36338741	2.48368421	1.54448553	2.63116215	3.11657094
0.49292892	0.55554048	0.9026294	0.55865445	1.21354585	1.75284082	1.14567742
2.04487252	1.75429433	1.95489341	2.0222068	2.96012619	2.1381217	2.68234749
0.35620438	0.2621305	0.85003295	0.68635382	1.68597518	1.17163055	0.76251018
2.13578222	2.56030182	2.16474261	2.04979557	4.32844115	3.90758865	3.42999626
1.33488536	1.28448792	1.09675884	1.29456759	1.3824609	2.10834062	1.67490353
1.65113661	2.06992102	1.58887886	1.76139983	3.83171814	3.80268668	3.00397541
0.33080752	1.12589351	0.64693086	0.70101592	1.00E-04	1.06419862	1.21328368
2.03465067	2.08430584	1.79088993	1.6452478	4.14119855	3.89290933	4.34192935
1.00E-04	0.11075616	0.2236526	0.06454535	1.00E-04	1.00E-04	1.00E-04
5.21467568	5.08764963	5.12133694	4.8133424	4.99581558	4.71341748	4.83450171
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62976086	3.05531779	3.4251225	3.77667982	1.55120358	1.70257949	2.17155122
0.88190359	1.22342473	1.18923087	0.93668271	3.06006031	2.4354757	2.54371838
1.24695262	1.04859821	1.27998642	1.45656979	3.22203497	2.26118247	2.88279815
1.00E-04	1.01707921	1.00E-04	0.22492753	1.00E-04	1.00E-04	1.00E-04
1.23440722	1.46571638	1.75174589	1.84259297	3.01844996	1.92830246	2.40080774
3.31927601	3.14336869	3.05418704	2.92948974	3.34591038	3.07900053	2.81570983
1.95397048	2.62951909	2.34591406	2.24283897	2.57083361	2.55447995	2.03328258
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10078988	0.14598647	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26468188	0.07299938	1.00E-04	1.00E-04	1.00E-04
1.32193081	1.28843184	1.19299601	1.54540578	3.01100751	3.61775402	2.97525241

3.81963374	3.97087254	3.72902552	3.72616382	4.42857657	4.22788346	4.16659765
2.97820681	2.94263887	2.97463954	3.16341131	3.03226424	3.19167034	2.82400593
3.70729116	4.15883725	3.70067593	3.69748171	4.06627531	4.49312181	3.85146924
1.00E-04	0.15335644	0.39234493	0.4616204	1.00E-04	0.48069814	1.33685262
4.9227675	5.20017964	4.71063931	4.53624625	4.83688685	5.06706967	4.53749798
1.84680946	2.23779743	2.28369846	2.59613033	0.61280452	2.3401776	2.13007648
1.75281438	2.20728036	2.1239683	2.43659754	1.26084061	2.0466275	2.38594315
3.01279942	3.08742677	3.22096814	3.15707874	3.01803229	2.99067579	3.12636783
1.00E-04	1.00E-04	0.18627114	0.09187243	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.40640445	0.46902912	0.57077119	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.57332017	3.78436627	3.53076202	3.68468291	3.59969365	3.48433996	3.62722874
2.4185776	2.70460542	2.42001757	2.45803662	2.4689691	3.16403627	2.76305398
3.78933235	3.93665131	3.69060887	3.78349223	3.86248848	3.67644408	3.45351325
1.78397914	2.19658912	2.44112437	2.52607796	1.49038706	1.71467111	2.1275572
3.26592984	3.14268415	3.14507441	3.17686988	3.86617405	3.86905241	3.8413107
2.38433996	2.96231383	3.22999991	3.11270403	2.06188585	2.30486647	2.94441461
1.58010198	1.92532236	2.41333727	2.60270698	2.22229059	2.02395798	2.49359892
2.91585783	2.95027545	3.12405592	3.22656341	2.73279414	2.92614585	3.20271467
1.72647895	2.48479829	2.54408907	2.60289553	2.35201966	2.42277798	2.6334527
1.554328	1.51420836	1.77032678	1.75985866	1.49901835	1.51821188	1.22513848
3.46586877	3.53261061	3.71301793	3.72786108	3.11452649	3.68586851	3.40976208
4.21180271	4.37053881	3.9630278	3.66316841	3.9713534	4.03455203	3.70426432
4.18940105	4.30125685	4.44483053	4.62879715	3.54423209	3.67412411	3.83144724
1.28157448	0.68427735	0.2301711	0.42682567	1.00E-04	1.00E-04	1.00E-04
3.53048467	3.70136234	3.32980752	3.14168821	3.25995282	3.81193989	3.14901105
3.71473272	3.38996334	3.26074673	3.29179498	4.4956106	4.24701692	3.76768325
2.3476068	1.66477753	1.8927242	2.10925246	2.92745135	2.51692041	2.13344107
1.3248004	0.95305663	1.1831193	1.03405717	0.92882362	0.71984897	0.83423137
1.00E-04	0.18538902	0.11733923	0.19207808	0.93251603	1.48151429	0.10785897
2.64991588	3.02220418	2.84393609	2.76970431	3.27516689	2.79482678	3.12924536
1.04720237	1.14424723	0.89105852	1.04719564	5.19972675	3.7396104	3.51442585
1.00E-04	0.33267273	0.1971903	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.23376594	3.27478853	2.94743594	3.05462037	3.59801937	3.66944697	3.17007895
2.09716715	2.48047395	1.99073636	1.99517226	1.87029472	1.52689566	1.9559955
1.46147944	1.13563926	1.14837933	1.77730545	1.00E-04	1.00E-04	1.00E-04
0.2841732	0.63115506	0.50759624	0.56071501	0.54293045	0.38271585	2.28550617
2.50382213	2.84057027	2.53987927	2.55837397	1.85346871	2.36638962	2.01866003
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21853725	0.13394203	0.30516193	1.95459026	1.00E-04	1.60451422
2.60260927	2.91710695	2.56119537	2.48014132	3.63093734	3.71884837	4.23453904
2.83296351	2.94552894	2.78466872	2.64786384	2.29573065	2.14650879	1.48427292
0.4353372	0.71624098	0.53629907	0.8086839	2.33839588	2.36615151	2.35177869

3.41005167	3.33806887	2.99557937	3.07820478	2.29602351	2.80883448	2.55857372
1.51105369	1.75977371	1.51884647	1.79236937	0.90441752	1.56037293	0.55627816
5.83837175	6.11400342	5.39382773	5.25362427	6.18233306	6.29390472	5.74347981
3.80154409	4.15753046	3.90117025	3.93808163	4.24191468	4.13717858	3.47742616
0.21690073	1.00E-04	0.35553223	0.48529806	1.76352766	1.55450034	2.62506635
4.4341726	4.36505425	4.50026579	4.50025593	4.29024176	3.87577552	4.00380117
1.00E-04	0.10957543	1.00E-04	0.10094634	1.00E-04	0.79592715	1.00E-04
2.63844371	2.71337415	2.8611881	2.92051558	2.57866122	2.88955491	2.58437973
2.92583499	3.0122283	2.81244277	2.71919942	2.66275663	3.17961586	3.02005693
1.20102522	1.69569054	1.75006024	1.68926866	1.54688497	2.47651237	2.27591731
0.90328025	0.76471614	0.71265934	0.67755229	0.48060496	0.11293056	0.12174474
4.42344174	4.5190182	4.33247957	4.27074355	4.92348149	5.11963704	4.72421655
1.71863039	2.60690563	3.10030876	3.23923404	1.44344344	2.46934154	3.28456151
4.38279964	4.40969462	4.15670377	4.22874882	4.69547509	4.67212919	4.50469318
5.04316862	5.21148013	4.81228052	4.74763709	5.36648054	5.55877349	4.82987805
0.2269257	1.05869112	0.23303071	0.28165103	1.00E-04	0.58202259	1.13898101
1.90632083	2.35616343	2.60536391	2.82812015	3.40106687	3.57527428	3.38308826
2.48684825	2.72198139	2.8136399	2.62871317	1.00E-04	1.98564184	1.00758879
1.00E-04	1.00E-04	1.00E-04	0.06697389	1.00E-04	1.00E-04	1.00E-04
1.97903628	2.56461999	2.93239113	2.99237069	1.81367179	1.96431839	2.26810633
0.43105925	0.10746973	0.80837265	0.66083948	1.00E-04	0.2210583	1.00E-04
1.00E-04	0.42922865	0.34758521	0.41036996	1.00E-04	0.83770106	0.18401526
2.04632685	2.70412242	2.69462248	3.07081135	2.82245258	2.59648271	2.84512143
2.68959901	2.72424803	3.01207241	3.13414264	2.86149429	2.39361162	3.09988174
3.16844787	3.52011687	2.72287358	3.00835701	0.71388672	1.89155688	2.17688563
3.55695364	4.030385	3.64665399	3.66387981	3.89948414	4.00467658	3.6917841
0.69705231	1.75935614	1.85964333	1.72062013	0.54065888	1.23507422	1.61560367
3.41906174	4.01693901	4.02820151	4.12774393	3.00390394	3.22545669	3.73035317
1.88053002	1.96439148	2.18447331	2.36379545	0.24496797	0.82159847	1.86153396
2.73951437	2.58973695	2.46091826	2.53436465	2.4350042	2.20115292	1.60987136
2.35516207	2.72064655	2.48201596	2.22139994	4.07087393	3.72569154	3.42788331
1.15941291	1.96266369	2.16969217	2.33348867	2.00989677	1.58932926	2.02060839
1.68377208	1.91651816	1.41782143	1.40996082	1.00E-04	1.21024828	0.4474304
2.70068258	2.67801783	2.54354044	2.5527531	4.47548835	4.63112624	3.90599182
2.19722926	2.45329999	2.45197413	2.43505724	2.63303795	2.64735893	3.14825447
3.57871606	3.51125041	3.06954315	3.43303574	2.64757517	3.27849134	3.59457782
3.9155834	3.80374746	3.80154644	3.65823826	5.04085832	5.05136611	4.71292804
0.2904272	0.08324088	0.22139825	0.05921204	1.00E-04	0.35874068	1.00E-04
1.00E-04	1.40462753	0.90141045	1.06869861	1.00E-04	1.42724181	1.31873176
2.4189059	2.13507353	1.79669885	2.13780812	3.24354388	3.70902681	3.29011139
0.54238521	0.51681825	0.39511204	0.53522196	0.41241033	1.64596729	0.62384021
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.6810498	0.33385762	0.54471661	1.00E-04	1.37258263	1.64070457

3.46917485	3.20304737	2.71545146	2.71449461	3.64895955	3.20946741	2.60329758
0.95508584	0.66110754	1.29337384	1.18242792	0.50894684	1.26257085	1.75561591
0.22886845	0.18071897	0.43953895	0.7069085	0.67865304	0.14939575	0.18220108
2.98353836	2.81963958	2.71453015	2.86361289	3.48218642	3.42701083	3.12334253
1.93569164	1.81090248	2.02051537	1.74274104	2.13490289	2.45045846	3.12804256
1.00E-04	1.3683605	0.48350529	0.5993432	1.00E-04	0.06695938	1.00E-04
1.66522765	2.26526678	2.29667511	2.53684042	0.44085717	1.72473484	2.12575913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.61861489	3.83239041	3.55947712	3.62667132	3.56950207	3.78127071	3.46220906
1.00E-04	1.00E-04	0.08035403	0.12261972	1.97597021	2.5668156	1.8272405
3.22704574	3.63437959	3.1078714	3.10214874	1.00E-04	0.33769545	1.63268826
1.14625414	0.5734996	0.95106148	0.83397196	1.05772513	1.00E-04	0.20964658
3.06262586	3.49810996	3.2096628	3.18626199	2.80716106	3.01567009	2.947656
2.0494191	2.10300742	2.14631705	2.06644648	2.18178479	1.53538179	2.33896953
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32350681	0.61887649	0.62533437	0.33130917	0.54828133	0.3924612	1.02942928
3.15482249	3.20311229	2.80185637	2.88905699	2.56594253	2.86780181	2.61967521
5.68595823	5.47259288	5.22828852	5.24236431	5.51759638	5.45784037	5.21042095
1.56682132	1.73495328	1.2370143	0.91903734	2.50597569	2.23058735	1.86809585
1.62380153	1.63815429	1.82866823	2.23135329	2.08627104	2.19838898	2.03549721
2.76111647	3.01685587	3.40272179	3.64509478	2.83105837	3.12031899	3.34909321
0.48527668	0.74446394	0.91230026	1.01583339	0.59189493	1.13331184	0.53213879
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42416483	0.93555708	0.80013962	0.98317374	0.42938666	1.13302829	0.43257474
2.09769583	2.30864305	2.95575176	3.04049441	1.08974973	1.87310467	2.49898906
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03123649	0.22933721	1.00E-04	0.20839209	1.00E-04
1.48986039	1.88332881	1.97031162	1.93971016	1.00E-04	1.19266361	1.64818802
1.3191307	2.32857989	2.13703874	2.23140336	2.33793238	2.97292554	3.22775344
1.00E-04	0.19878524	1.00E-04	0.05079656	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21381924	0.24127641	0.61305258	0.11293056	1.00E-04
3.59757113	3.4771799	3.19648487	3.02109514	2.69750784	3.23740091	2.60147891
0.39549552	0.97867647	0.67572418	0.66985545	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39379355	0.31774766	0.26473718	1.00E-04	1.00E-04	1.00E-04
1.03988317	1.74929457	1.32636603	1.28715468	2.11165029	1.67069743	1.12045841
1.00E-04	0.25119537	0.20374499	0.42905048	1.00E-04	1.00E-04	1.00E-04
0.95708175	0.48631814	0.24882141	0.23735849	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16684567	0.04320065	0.14546267	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.25478846	0.13625686	1.00E-04	1.00E-04	0.10651827	1.00E-04
1.00E-04	0.17785615	0.10922948	1.00E-04	0.84840873	1.00E-04	0.54933099
3.10608195	3.45109602	3.27107475	3.28445964	2.80768528	3.39687738	2.88008794
0.27815512	0.41647937	0.38334911	0.2607201	1.00E-04	0.9687913	1.00E-04

1.00E-04	0.26563247	1.00E-04	0.04930029	1.00E-04	1.00E-04	1.00E-04
0.17727073	0.38483856	0.04465549	0.0611288	1.09146752	1.80292554	1.97886051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18926183	1.00E-04	0.21076543	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.60644088	0.96942406	0.67204977	1.00E-04	0.62075894	1.18677818
0.50064606	1.00E-04	0.13115208	0.17301016	0.52474525	0.12640632	1.00E-04
4.9141276	4.87105574	4.63433277	4.6456386	4.15475245	4.82160089	4.77851271
1.00E-04	1.00E-04	0.05763093	0.07248045	0.54370492	1.00E-04	1.00E-04
0.73411304	0.8139405	1.14416978	1.14572176	0.54065888	0.42387713	1.26651822
1.19395569	2.42935107	1.56117455	1.98102699	1.20163259	1.28540131	1.69197403
3.28669667	3.40628839	2.89722172	3.26218983	2.87335092	2.45471815	2.34376873
1.00E-04	0.63169186	0.05194359	0.03407658	1.00E-04	1.00E-04	1.00E-04
0.43285416	0.88470066	0.32807683	0.4045201	1.27538678	0.62928432	0.39583836
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3371285	0.45029925	0.51746136	0.74354878	1.00E-04	1.4562506	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17015429	0.05363302	1.00E-04	0.28215124	1.00E-04
4.37139904	4.7636905	4.31255048	4.14659625	4.75846088	4.42792528	4.22373534
4.01234709	4.28240983	3.96655774	3.82892553	4.60737489	4.66105482	4.3559529
3.13007442	3.19164303	3.35791846	3.54484495	3.08951563	3.27642189	3.49920491
2.45842834	2.65365094	2.88502383	2.80210785	1.45164344	2.81597082	3.93097236
2.11588452	2.32152829	1.73569755	1.61803292	2.08172168	3.38592459	2.81738531
2.22110716	2.08483253	1.99318572	2.02412105	1.74293619	2.25012519	1.20298355
3.25949326	3.63847803	3.02978448	2.89056232	4.93338492	4.38844552	3.96232864
0.68423034	0.46787369	0.29187851	0.13632562	1.01493203	1.00E-04	0.11808513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56971146	2.69609827	2.17423814	2.22288135	2.07850217	2.11897456	1.25323855
3.51182936	3.3531122	3.06474246	2.9828291	3.1427358	3.57246731	3.08938914
2.68606215	3.02695124	3.15121325	3.11116536	2.0828394	3.36211813	3.59275815
1.01867143	1.25998733	1.10292067	1.19401609	0.50894684	0.85424207	0.90798414
3.4885313	3.8171673	4.38669969	4.40193819	2.15794389	2.28419341	2.90013751
1.00E-04	1.00E-04	0.0709492	0.09588713	0.60156552	1.00E-04	1.00E-04
0.552335	1.03022219	0.36440201	0.63086734	1.00E-04	0.49381272	0.38347681
0.36336616	1.00E-04	0.36594116	0.10534207	1.00E-04	1.00E-04	1.00E-04
2.98347232	3.45027809	2.87679463	2.86903577	2.94580295	2.89908555	2.65476989
4.32060997	4.21748275	3.94978875	3.89184158	5.17039868	5.38411032	5.10793097
4.01729339	4.33967304	3.87695451	3.82912301	4.25007947	4.68530479	4.26986821
5.70405492	5.62699236	5.20051322	5.39332687	6.24032534	6.59209375	5.91675755
1.0904309	1.56225966	0.99132167	0.96468377	1.07003705	1.88145797	0.49408248
2.4939193	2.4904071	2.22996013	2.1562348	2.17972083	2.56451216	2.23225753

0.62802781	0.37456481	0.33170468	0.53737939	0.67391014	1.14498288	1.31922091
0.28977936	0.94997453	0.21530017	0.41840028	0.71208785	0.70446627	0.1362077
0.42296539	1.29488489	0.23577792	1.03285769	1.00E-04	0.8790172	0.54095152
1.00E-04	1.00E-04	0.26348355	0.79910781	1.00E-04	1.00E-04	1.00E-04
0.44438997	0.12968012	0.03261105	1.00E-04	1.00E-04	1.00E-04	0.6171328
1.00E-04	1.00E-04	1.00E-04	0.08045514	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08481728	1.00E-04	1.00E-04	0.16885696
0.12498368	0.30642995	0.11702765	1.00E-04	1.80532223	2.88956932	2.2838338
2.48574322	3.00449775	2.8605197	2.62652344	1.14558114	2.91349663	3.74607634
6.09152957	6.22188927	5.4923344	5.49540572	2.46281333	3.41952493	3.4129457
1.61867703	1.9201426	1.45407682	1.50093671	2.34081675	1.83697404	1.28870882
2.87041195	3.11934597	2.66619873	2.90003065	1.45594622	1.22406761	0.78914207
0.95532039	0.3501371	0.3957422	0.64184601	4.57615687	5.02484968	4.66850506
0.23223341	1.00E-04	0.19651446	0.27648503	1.00E-04	1.00E-04	1.00E-04
3.75587441	4.13999044	4.07155758	4.13411198	2.8563205	3.45947745	3.04829133
4.2621294	4.27795515	3.984596	4.14110709	4.11496564	4.25205255	3.88146586
1.17414497	1.50222806	1.42233638	1.07817468	1.35532183	1.57008251	2.14864475
1.46394481	1.46552777	1.18402666	0.98182285	0.84291566	1.43869207	1.67055039
4.42387455	4.69687456	4.14183119	4.38775605	1.00E-04	3.25736148	1.49186255
1.00E-04	0.40535697	0.34177746	0.48019342	1.00E-04	0.84823253	1.00E-04
4.63729438	4.87844013	4.50177408	4.7373867	3.53561499	4.52678964	2.30161434
0.99076705	0.95339494	0.70252047	0.48599565	0.38488463	1.79018567	0.58583115
3.40194317	3.95293065	4.89526561	4.93613331	3.35176256	3.67417124	4.81361285
0.22371235	0.75882483	0.26576788	0.2774325	2.72003038	2.08563211	2.14621663
2.29162346	1.15232395	0.60675246	0.64005909	2.45830705	1.72829102	1.08911623
1.00E-04	0.55637288	0.24453273	0.47933339	1.00E-04	1.00E-04	0.1313165
1.23654036	0.47793671	0.17111188	0.18743263	1.00E-04	1.00E-04	0.39041828
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28374897	0.07511075	1.00E-04	0.41241033	1.00E-04	0.43118995
0.44358622	1.00E-04	0.12905642	0.39856847	1.00E-04	1.00E-04	1.00E-04
5.0349055	4.84179254	4.63641745	4.73877426	4.38149584	4.2663967	3.87131911
5.11649492	5.47459704	5.08349102	4.894616	5.18852761	5.77532515	5.15580325
0.5964053	1.14639851	1.46122939	1.44061507	1.00E-04	1.68060055	1.39695061
5.16695376	5.06740111	5.03189837	5.10244113	4.81623645	4.81206495	4.96895513
3.66338797	3.8633186	3.825243	3.91477391	3.82568227	3.72670885	3.83637793
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53071688	1.00E-04
2.0573507	2.26746003	2.77066234	2.78119835	1.01595412	2.35839384	2.58803085
2.11978518	2.11477905	1.65681116	1.88738363	1.86222756	1.96999285	1.92455315
4.09290276	4.42981034	4.06560229	3.9382508	4.55259498	4.54061298	4.34558596
0.92162983	1.3533911	0.58608989	0.63015278	0.61280452	1.48005891	1.19935082
4.81549393	4.95939879	4.49520111	4.60092715	4.9731014	4.85233133	4.66178351
4.87701709	4.70294261	4.35543009	4.33900915	5.15930892	5.1318962	4.31324581

4.59946631	4.7442877	4.41399634	4.37850705	4.39584534	4.68893081	4.35565708
2.40522309	2.64223925	2.36864759	2.57095121	3.58317876	3.25421571	3.47090856
0.19996483	0.45887323	0.4395727	0.54298758	1.10070734	1.23649593	1.04082459
4.68434502	4.3962332	4.23083479	4.17055333	4.17219938	3.83014405	3.78497991
1.33136861	1.76364051	1.57938649	1.70269853	0.84840873	2.31284687	2.29898298
1.66918103	2.12909439	1.62993314	1.54342477	2.98783195	2.87103685	2.38047841
5.64622337	5.88089721	5.62690947	5.41564154	4.93961065	5.29343932	4.82502794
4.63338054	4.62836445	4.5300409	4.65065866	5.85836904	6.10724705	5.69857486
1.00E-04	0.16023425	0.22740805	0.1475955	0.78234266	1.00E-04	1.00E-04
5.55579008	5.51928298	5.27399896	5.30585318	5.55591308	5.43351533	5.13627855
4.36558363	4.43815352	4.10433944	4.10638119	5.1232659	4.70776675	4.43498391
5.116096	5.2811117	5.13598809	5.14364493	4.39230156	5.13788441	4.85327602
3.50316784	3.57427422	3.38544703	3.39119669	3.79109101	4.07862523	3.77948892
2.93836718	3.17487609	3.13781504	3.1390769	3.16407831	3.47049097	3.35992519
3.48887111	3.82618372	3.53053704	3.70025856	4.27268018	4.23622151	3.97339039
5.33358382	5.39116756	5.11614727	5.08657276	5.45278822	5.73530617	5.19159867
4.28528192	4.36469814	4.03305365	4.03478158	3.86473925	4.02633472	3.78435903
3.005437	3.08555231	3.26422573	3.32371914	2.98613945	3.19087372	2.74569769
2.85061173	3.11632833	3.24580506	3.35660696	2.74744818	2.97828585	2.63042906
0.3141684	0.71526717	0.63892273	0.59569563	0.38488463	1.27410659	0.61271167
3.79604956	3.86710497	4.19615525	4.28890827	3.56680415	3.75113508	3.98428444
4.45093081	4.52510753	4.27166612	4.30202534	4.18503548	4.49621776	4.04914068
1.89775813	2.62420047	2.69733496	2.60915957	1.5406311	1.51616833	1.25154775
2.17172381	2.45535558	2.54330053	2.34601949	2.05011354	2.59780833	2.8670928
4.42139187	4.61872359	4.62606666	4.79139713	4.0516038	4.30159727	4.33261805
4.65193272	4.79985016	4.60831153	4.57929299	4.38006346	4.49098288	4.52798162
5.04002879	5.30277008	4.84047852	4.7688032	5.25736898	5.362689	4.89630976
4.6212744	4.86103072	4.66082161	4.53732792	5.62433968	6.13474066	6.02978685
6.25625642	6.59353859	5.89168086	5.81963588	6.47725833	6.78529881	6.09141684
1.00E-04	1.00E-04	0.15438157	0.1896975	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18149807	0.16058049	0.17766476	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.78613297	3.82470671	4.31256547	4.30887179	3.0577228	3.01654978	3.82752154
2.45034253	2.6452254	2.41543572	2.53904785	2.04142713	2.14391866	2.27671867
4.3537613	4.59111109	5.82344577	5.96014461	3.71541972	4.18048544	5.67537153
5.47732336	5.60564485	5.2954448	5.25322326	5.64977881	5.82105907	5.32039827
3.3926184	3.62031408	3.088982	3.38141396	3.3702856	3.30860616	3.15806442
5.38465065	5.45674406	5.00298154	4.94065161	5.62189258	5.87552537	5.31320125
4.80916438	5.02676158	4.6358876	4.52808444	5.22457645	5.30383434	4.7379207
1.80006229	1.56334136	2.03603896	2.00595953	0.30780692	0.9477417	1.44467913
2.81848498	2.71193476	2.56370379	2.57590891	3.41845994	3.29883336	2.71780128
0.61542446	1.69328505	1.7892269	2.07448001	1.69879088	1.08472442	1.74858858
0.87647916	1.3390059	1.8833599	1.58592517	1.00E-04	1.64012395	2.32313608

2.91374408	3.32555429	3.89262866	3.99831917	2.77932011	2.9759151	3.76019998
0.26681589	0.4275282	0.24101151	0.23363364	1.00E-04	1.00E-04	0.75259538
2.4069347	2.70091651	3.3874577	3.4628495	2.43259924	2.67886401	3.24176662
2.22346415	2.60561653	2.86785915	2.89060877	0.54258268	1.40253062	3.19911587
2.19736858	2.59742489	2.83002186	2.85431751	2.43943309	1.98291095	2.7905516
3.88061081	4.24832925	3.90700293	4.03949451	5.64471194	5.91394489	5.84613243
2.26598767	2.00333473	2.45473827	2.5806449	2.09915825	1.25824241	2.10834816
0.57029681	1.00E-04	0.19665285	0.02638349	1.20642069	0.80262833	1.00E-04
0.98550366	1.54941957	1.73578036	1.92527243	0.91680248	1.39413434	2.23328418
2.96945876	3.49168055	4.1223443	4.27424984	2.71243514	3.72714148	4.24005315
1.00E-04	1.00E-04	1.00E-04	0.17925083	3.43664913	0.67685769	2.19079722
1.27717494	2.11060865	2.95378801	2.93969163	1.45284022	2.67061263	2.96805148
1.00E-04	1.00E-04	1.00E-04	0.05615454	1.00E-04	1.00E-04	1.00E-04
0.48390458	2.07834648	1.92061206	1.60769597	1.8214899	1.40654693	1.14898304
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.53282546	2.79101722	3.65381749	3.72337431	2.31687676	2.20361575	3.30773975
2.39796101	2.47753203	3.06600052	3.36181299	0.40674922	1.34523018	2.31414407
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51512252	2.4379374	3.17136757	3.26454456	1.34278011	2.08303303	2.62244874
2.59041631	2.35724608	2.67523963	2.99915579	2.01614199	2.14924011	2.24490142
2.43535198	2.81200802	3.36902189	3.42669063	2.1897993	2.71796835	3.8676841
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.36889407	0.17725978	0.17579812	1.00E-04	1.00E-04	0.24295541
1.00E-04	0.05651393	0.10680795	0.36851745	1.00E-04	0.50416288	0.35317396
2.17479697	2.41999205	3.09918343	3.20589441	1.82273884	2.38801306	2.56697195
1.00E-04	0.53781781	0.22033554	1.00E-04	2.94292314	1.64869636	2.45086189
1.00E-04	0.25144605	0.05194359	1.00E-04	0.53515803	1.0163095	1.12892426
3.24035724	3.78787856	4.24664509	4.28232731	3.72176522	3.94712909	4.50496806
0.80245014	1.62517646	2.4634947	2.45507083	1.59653011	1.84639905	2.36087602
1.00E-04	1.00E-04	0.06576176	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17523629	1.02566864	1.0936251	1.22118634	1.2352155	0.31311709	0.6424984
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.62414452	3.56866063	3.40921549	3.44953194	3.78997699	3.81198654	3.74265275
3.69758545	3.88581656	4.17569366	4.06466217	4.08901671	3.95215984	3.85952792
1.00E-04	1.00E-04	0.04092646	1.00E-04	0.84688626	0.93963413	0.90416179
0.33881342	0.22362253	0.04333986	0.16359635	1.00E-04	0.24451996	0.49021778
0.238384	0.29422569	0.23869415	0.27363245	1.00E-04	1.00E-04	1.00E-04
3.46546603	3.63161477	3.1184714	2.46117962	1.5395178	2.5670429	1.19060618
2.69890078	3.06125454	3.45064482	3.35866143	1.89785223	2.38777652	2.60318393
1.54165914	1.80009752	2.30118962	2.38147451	2.16414571	2.02118831	2.89453745
1.00E-04	0.79587974	0.4362111	0.67524682	2.264354	0.25244024	0.80340401
3.3143748	3.50819857	3.17209195	3.19534321	2.8953525	3.61560344	2.99034979
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95483289	0.62353862

2.91417382	2.74442972	3.01183943	3.32926122	1.70374644	2.11901287	2.85003496
1.00E-04	0.30297784	0.3400684	0.24957701	0.24496797	0.46602635	0.49965708
1.00E-04	1.00E-04	1.00E-04	0.07409482	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.03540844	3.30923113	3.46938341	3.68034994	2.81084393	3.45378969	3.7976572
0.32290033	1.1055782	0.87307642	0.7969329	1.06298944	0.28191199	0.24773715
1.9076525	2.1581654	2.21963708	2.08883787	0.54293045	1.93669664	2.39827552
1.00E-04	1.00E-04	0.06395617	0.20172604	1.00E-04	1.00E-04	1.00E-04
3.66324063	3.98824328	3.88680018	3.80099695	3.58997311	4.25241657	4.09548765
1.21140562	0.97604714	1.50799384	1.42436147	1.55616714	0.6194091	1.64859107
4.27666467	4.46214762	3.92163141	4.07515846	4.880219	4.99071426	4.45415464
4.74167231	4.80005608	4.33233983	4.30280794	4.23801877	4.80330691	4.24127119
1.00E-04	1.00E-04	0.07764835	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07625908	3.15111295	2.9834153	3.01802273	2.56953292	3.42947119	3.3297824
5.74753887	5.93533329	5.45546904	5.3317042	5.75140029	6.10300182	5.64178236
3.02859745	3.00178595	2.72882207	2.80941565	3.80429416	3.35824942	2.57324503
2.43581006	2.40897041	2.2493366	2.32929286	1.62875204	2.08755381	2.20109255
1.00E-04	1.00E-04	0.10885185	1.00E-04	1.00E-04	0.51765254	0.31671355
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59474343	1.008536	1.03472202	0.74167146	1.05070843	1.6990547	1.51052378
3.25019046	3.3273238	3.37998233	3.32079733	3.36686401	4.04898861	3.834336
1.00E-04	0.96588211	0.41595879	0.24688438	1.00E-04	1.00E-04	0.61229348
2.70701384	2.89243122	3.08585849	3.04199389	3.18742974	3.06753276	3.07537757
2.91589634	3.01259012	3.21719593	3.36411702	2.31184319	2.65754298	2.76229543
1.00E-04	1.00E-04	0.18576567	0.14968866	1.00E-04	1.00E-04	1.00E-04
2.48397532	2.6227419	2.50263414	2.41939616	2.6909115	2.83628679	2.79963748
0.40336909	1.41553253	2.23774913	2.53154391	0.80080209	0.22143361	1.7119547
3.76285067	3.51891193	3.28609127	3.60888315	2.81504516	3.25836094	3.08065213
2.70501175	2.63966555	2.55485179	2.40373352	2.54467362	2.53921346	2.66558433
2.51131531	3.2584972	3.44382618	3.6393004	2.38653475	2.68347747	3.48935319
2.41176571	2.50309818	3.49962448	3.79850281	2.19686972	2.79537795	3.71024483
1.00E-04	1.00E-04	1.00E-04	0.12730561	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10791158	1.00E-04	1.00E-04	1.98501212	1.14283538
1.00E-04	1.00E-04	0.0754691	1.00E-04	1.00E-04	1.00E-04	0.14635168
0.500178	0.29105365	0.32305756	0.18499515	1.32457871	0.65305275	1.00E-04
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1.24853657	1.5574249	1.4215413	1.25653524	1.54080264	2.18667616	1.3817218
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3.31651787	3.47116143	3.61436271	3.5274635	2.8456225	3.42560621	3.61790644
0.5784556	0.9573784	1.4609608	1.50421072	2.60380579	2.92208907	2.82612697
2.53101061	2.72974027	2.53480052	2.23868037	2.66478824	2.63331888	2.38663753
1.72732326	1.25311047	1.00936062	1.15047006	1.00E-04	1.00E-04	0.37021682

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2.7849386	3.46033618	4.28131622	4.33416691	1.7626308	2.84027732	3.68213867
2.69508997	3.02908478	3.45781916	3.33660246	2.39803446	3.03866649	3.27368729
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4.87121392	4.95637459	4.61814838	4.6186697	4.8247203	4.96820304	4.50555423
1.86988269	2.04962155	2.46202551	2.78513196	2.0031029	2.24896175	2.77533961
4.00948435	4.39519564	4.33292436	4.49651078	4.65911042	4.71184398	4.54167707
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3.30130597	3.85952673	4.43163343	4.43389262	2.90364823	3.34395685	4.21225074
1.96456953	1.84103709	1.96042303	2.09661205	1.24843132	2.30827287	2.19632243
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3.16092451	3.56512601	4.34731639	4.49401247	2.72162263	2.96099422	4.00279731
2.66067568	3.18383083	3.72387348	3.75984498	2.76697847	2.5870087	3.3730422
3.21031311	3.42633936	4.29316195	4.4265426	3.0458227	3.47476224	4.01230144
3.89304137	4.06964583	4.25605802	4.32371943	4.0990031	3.73086562	4.34840036
1.00E-04	0.13080112	0.09023242	0.09999025	1.29790835	1.27607537	1.94696557
5.49426791	5.64217534	5.23003303	5.17925935	2.39408203	4.65601216	4.29583187
5.21019966	5.34085378	5.14345658	5.13630463	3.73029325	4.33981516	3.94396163
0.36479686	0.77783972	0.3096792	0.35144901	0.6397631	0.87421996	0.41782483
1.17473988	1.26332773	0.71128689	0.54004337	1.31641271	1.63009135	1.00E-04
0.68731148	1.76843139	1.9770704	1.56985323	1.10070734	1.31775354	1.50189575
3.81678501	4.18728131	4.79192462	4.84736051	3.95324099	4.09837491	4.77147706
2.32775541	3.18470198	2.57796069	2.87497319	2.94288717	2.94843093	3.21801566
4.21068664	4.4051022	4.4778582	4.55507641	4.22015907	4.11616947	4.15184881
3.81583974	4.00646525	3.89699012	3.95945522	3.71461543	4.03266909	4.11090028
2.20561789	3.1285463	3.18993802	3.16073715	4.37876679	4.76020697	4.58917815
2.64139657	2.87896522	2.74792505	2.86773279	2.69900658	2.82994493	2.9565357
2.49030526	2.8979711	2.81973329	2.95277265	2.40555285	2.27705431	3.06612106
4.97239158	5.00997458	4.58986212	4.43551956	5.22761897	5.44486831	5.01136687
5.014045	5.01636585	4.73462209	4.73662406	5.05386084	5.20496067	4.92369818
2.38224494	2.77141701	3.08811692	3.25697873	2.52307521	2.57537957	2.82404142
1.55002073	2.19499194	2.03756658	2.13650221	0.53515803	1.75406752	1.31352438
2.53397799	2.94251272	3.54678337	3.53161101	2.32686059	2.79157197	3.25143881
3.04404738	3.03431297	3.04263798	3.14819414	4.20032677	4.22213845	3.94062639
3.42916918	3.59901454	3.18246221	3.2424644	3.83300005	3.85902398	3.1638503
3.82655641	4.22727564	4.01522742	4.15635331	4.86422462	5.57211578	5.31824044
1.8157995	1.71547429	2.16649579	1.98080675	1.57467642	2.06651985	1.64089743
0.98949307	1.26581044	1.32830668	1.24946612	1.00E-04	1.33316805	0.63262826

1.00E-04	1.00E-04	0.14516818	1.00E-04	1.88643674	0.80155805	1.04348001
3.17897243	3.1316137	2.90280372	3.04296475	3.36176456	3.48243502	3.84095454
4.97420201	5.04846344	4.51328494	4.25043117	5.59408189	5.80568409	5.24123798
3.86256599	4.08563938	3.70395254	3.63736395	3.72633108	3.78430948	3.49843429
4.81186458	5.01338803	4.73650424	4.52968599	6.61828	6.4244914	6.06046943
3.88406087	4.13653834	4.37260931	4.33465756	4.2079975	4.68458151	5.02197645
4.0763055	4.42856436	4.05067479	3.81143311	3.48865053	4.19489005	3.70664797
0.75964354	0.21086669	0.19981718	0.470436	1.00E-04	1.00E-04	1.00E-04
2.83537798	2.75956501	2.77719245	3.16766041	1.29108886	2.28377141	2.70117094
0.26546862	0.297031	0.09661803	0.21922717	1.00E-04	0.91954533	1.00E-04
4.53681186	4.66727986	4.31389648	4.28195553	4.60757213	4.77935953	4.54984205
3.92621241	3.85372728	3.84430373	4.13563067	4.36633636	4.47950934	4.43946881
4.85432782	5.03571358	5.00839511	5.07829434	4.67389233	5.0396246	4.83206331
1.00E-04	0.32693157	0.58377636	0.58693443	1.00E-04	0.82659446	1.83514767
2.52745667	2.5984662	2.50494002	2.60444737	3.76729024	4.11367002	3.54394746
3.42945951	3.61255522	2.91383873	3.06288656	6.45742392	5.88390084	5.58305206
3.4967715	3.8577246	3.53116546	3.50214872	2.93111343	3.87874348	3.87642732
1.21792173	1.84508031	1.60557637	1.68888305	2.04406877	1.77012488	2.4100605
1.33240435	0.753691	1.72300858	1.65468518	1.81453331	2.3656248	2.31966804
3.83516276	4.35492543	4.54611988	4.75455408	2.67266679	3.14954585	3.83853064
3.16137471	4.19865893	3.28274629	4.15566938	1.29199277	1.94387066	1.92763294
0.69822464	0.58207183	0.68403613	0.80100964	0.85593187	0.85421981	1.73288803
3.15191391	2.98570384	2.72634177	2.81894052	2.70718856	2.48823547	2.58771029
3.3511684	3.27988096	2.99626692	3.13513167	3.91632974	4.12637094	3.26612984
2.07273403	1.58850118	1.86319061	1.66810141	2.29830108	1.71924479	2.33455636
2.89387691	3.10109498	2.62127622	2.64233065	2.88120854	3.32579333	2.86275727
3.24869385	3.70046639	4.25220367	4.13756213	2.36035402	2.75931914	3.76168345
3.68585288	3.82294212	4.29657696	4.14501689	2.46709033	3.67622091	4.83567828
1.05280483	1.19110104	1.39145769	1.13837306	4.31668847	4.2913193	4.33624204
0.73143157	0.57371772	0.59485827	1.40045244	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44300433	0.09809673	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.5628577	5.79171671	5.89579335	5.85949234	5.50688161	5.59813408	5.69082804
3.26098574	3.51835315	3.00937078	2.94429789	0.99752887	1.02645367	1.13669697
1.00737904	2.07866573	0.76623503	0.79963236	4.03032308	3.69412252	3.22476982
2.00215964	2.38975728	2.19310247	2.3146183	2.52066943	2.76186508	2.55584154
1.44753006	0.97810345	1.09049181	0.92092113	1.00E-04	1.38038701	0.62879147
0.34438544	0.4318346	0.40016854	0.3562587	1.44885688	2.16005765	0.1362077
1.00E-04	1.00E-04	0.19540427	0.1384426	1.00E-04	1.00E-04	1.00E-04
1.55189118	1.10678589	1.20165637	1.12690591	1.45362234	1.19372096	1.06267042
5.85803331	5.76877686	5.55230323	5.52292861	4.46642864	4.51374165	4.68350074
3.30145675	3.16967805	3.1965811	3.40002453	3.86964361	3.35872901	3.46479792
6.78697558	7.34887234	6.39940225	6.59065966	5.6582454	5.79767082	5.306509
5.02488811	5.38923413	5.05191957	4.89318086	4.95447532	5.12589956	4.81237523

1.00E-04	0.11544985	0.01584589	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14125965	0.07494938	1.00E-04	1.00E-04	1.00E-04
0.35347266	1.00E-04	0.18129638	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16056508	0.103002	0.14249676	1.00E-04	0.34850681	0.43537339
0.75404463	0.32047706	1.27604344	1.3175827	0.53515803	0.53967595	2.27309384
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93280101	0.96531757	1.11507111	0.87202087	1.00E-04	1.11013394	0.76646508
1.19548002	1.42987353	1.54846064	1.61270334	1.22363706	1.24454896	1.87687366
0.31632154	0.07722892	0.25453132	0.31639013	0.42197018	0.27710863	0.28336712
1.00E-04	0.14665492	0.23744113	0.32187088	0.49275495	0.86488658	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40936596	0.99393245	0.83789505	0.92066187	0.90479475	1.613591	1.37045424
1.00E-04	0.87326682	0.36159203	0.16864427	1.00E-04	1.00E-04	0.66238423
1.00E-04	1.00E-04	0.07713605	1.00E-04	1.00E-04	0.4610971	0.25788363
0.7870717	1.39885174	1.38761984	1.58721689	2.80934857	2.74188852	3.41876498
4.84094793	4.93507565	4.75769922	4.20498746	7.17742845	7.72320923	6.78095344
1.96292816	1.58600297	0.85026616	0.55666959	1.85036018	1.21097391	0.73934145
1.00E-04	0.14331604	0.36569624	0.36045123	1.00E-04	1.00E-04	0.64902057
1.00E-04	0.05656127	0.29535956	0.21912908	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.5130137	3.74869618	3.50775389	3.66677161	3.7021548	3.56378815	3.55882081
5.84218711	6.55175304	5.72403313	5.69375061	6.38363961	6.84729534	6.23437082
5.01248962	5.19746739	4.93519732	4.93885451	6.07424719	6.02208769	5.4923161
1.72033043	2.06414086	1.87231341	1.70356276	5.66852147	6.02732812	5.65703507
4.45530583	4.86531393	4.53758446	4.54318245	5.24728996	5.42731664	5.14228134
3.41235025	3.40817411	3.27245912	3.23522456	3.17689173	3.59002494	3.08184152
4.6819615	4.99175971	4.66014167	4.78753329	4.92302233	5.13237442	4.57814836
4.19961694	4.41241159	4.1024325	4.03422075	4.11938745	4.23478253	3.94635244
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05954001	1.00E-04	1.00E-04	1.00E-04
0.39370931	1.09512355	0.5307525	0.88362591	1.33346574	0.23817629	0.82463977
1.00E-04	1.00E-04	0.10695195	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40237598	0.50496044	0.60123718	0.47083975	1.00E-04	0.54615117	1.01061987
0.46445012	1.31785337	0.85312666	1.259262	1.00E-04	1.44296186	1.36375972
0.15815701	1.00E-04	0.20901636	0.05952733	1.00E-04	1.00E-04	1.00E-04
1.32730042	2.06952312	2.39623488	2.35273371	1.00E-04	1.93111299	2.3631454
2.15874568	2.63006147	2.44600299	2.51812474	3.59902364	3.56778527	3.98348536
2.30995243	2.85006781	2.20207899	2.45630799	6.00143385	6.50037792	6.03754845
1.81002324	2.29292298	1.52737575	1.76621559	0.61856275	1.92091415	2.03184973
0.17727073	0.56256257	0.82597815	0.46536255	1.00E-04	1.37789564	0.88041176
0.90430414	0.88674368	0.53323763	0.87886936	1.31201447	1.75133078	0.78379481
1.00E-04	1.60096881	1.18795343	1.09798773	1.00E-04	0.27093829	0.75564825

2.70648377	3.53713645	3.79690407	3.96012264	3.6933767	3.31990282	3.98676469
0.26009665	0.60032366	0.79654779	0.61936708	0.50894684	1.00E-04	1.25561682
5.27213917	5.35060211	4.93505362	4.82100171	5.66508026	5.90436804	5.30299403
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07611782	0.30940171	0.77322435	0.36741216	1.00E-04
0.84556159	1.12857146	1.01406935	1.06926628	1.00E-04	0.47843327	1.00E-04
2.36099163	2.00893842	2.37804019	2.27628858	1.93599191	2.37355979	3.08176861
4.32644503	4.48512978	4.24722766	4.2794434	4.13819339	4.43382501	4.27745163
2.03979456	2.08684553	2.255655	2.42526657	2.79869033	2.94868257	3.34144746
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.99137605	4.90438521	4.6275333	4.79007554	4.20584865	4.00062604	3.70204092
0.53561676	0.06818189	0.49950814	0.66650772	1.00E-04	1.00E-04	0.36317177
0.42077511	1.76519873	1.04274107	1.23530436	1.00E-04	1.20688049	1.00E-04
0.93182905	1.52473436	0.79198068	0.91439364	1.00E-04	1.26151666	0.11808513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71992577	1.73898991	2.08768596	2.02882628	1.43467277	2.30393546	2.43121462
1.00E-04	0.47576393	1.00E-04	0.16774092	1.00E-04	1.00E-04	1.00E-04
2.85914254	3.36510309	3.31019509	2.94643848	2.92509866	3.38364387	3.46791458
1.00E-04	1.00E-04	0.04402796	0.0424109	1.00E-04	1.00E-04	1.00E-04
0.58391168	0.74064624	1.28595075	1.16019654	1.36831669	1.17619297	1.02408644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89629219	2.46195004	2.54924493	2.55501977	2.74721321	2.44677554	2.73750553
0.44962844	1.00E-04	0.46987334	0.46948504	1.00E-04	1.00E-04	1.00E-04
2.4687416	2.91832529	2.53524055	2.53617449	1.5230361	2.19080831	1.83613911
0.63245703	1.23386396	1.53291897	1.49292541	0.67603615	0.85484642	0.74037825
1.00E-04	0.16464448	0.03991829	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76367654	1.7295481	1.96717929	2.32811366	2.71373928	2.0784558	2.23602978
1.00E-04	0.2414641	1.00E-04	0.07869571	1.00E-04	1.64556781	2.15019656
5.08395364	5.32115677	4.72192056	4.70912968	4.91528275	5.31355613	4.87697508
1.14591184	2.09804515	1.83857117	1.74465405	2.02692089	2.87464533	2.84559739
1.19445728	2.10105405	0.94561468	1.54523555	1.12203509	2.46020752	1.61291511
1.48542634	1.75724573	1.06889608	1.46873565	1.00E-04	1.44597514	1.31817392
0.72787705	0.36191782	1.10523195	1.16583559	0.99752107	0.92123622	1.65888252
0.23251313	1.00E-04	0.55079444	0.57416969	0.94208228	1.74937514	1.36835027
0.42651674	0.42470084	0.52891559	0.3562166	1.00E-04	0.86429688	0.10785897
0.24363413	0.17357925	1.00E-04	0.19896603	1.00E-04	0.37848123	1.00E-04
3.45565605	3.66301465	3.4817307	3.44451799	3.66716791	4.24933397	3.85397298
3.53604158	4.37949499	3.79301586	3.70420131	5.05816626	5.45039158	4.8625814
0.86151776	0.66405738	0.62217868	0.63444186	0.94208228	1.00E-04	0.4439224
1.00E-04	0.61281833	0.25215905	0.66196599	1.00E-04	1.00E-04	1.00E-04
3.24260582	4.09086938	4.98522506	5.13252872	3.22245929	3.57096969	4.83650662
3.79608877	4.33574142	4.70597455	4.73931871	3.58340699	3.87772428	4.46645291
4.10397056	4.21721758	4.62798526	4.66514413	3.83294888	4.01889138	4.48387118

0.29642204	0.11033993	0.0933171	0.1851205	1.00E-04	0.27052208	0.39961903
1.43610903	1.37880888	1.48384817	1.45815109	1.20436551	1.81803168	1.11220629
3.3808366	2.93234842	2.31891858	2.18765972	2.58202657	2.16055162	1.63155107
1.00E-04	1.00E-04	1.00E-04	0.10067458	1.00E-04	1.00E-04	1.00E-04
2.95713005	2.84215861	2.82226565	2.58497195	4.5172771	3.8136314	3.63749647
4.96226495	5.00341484	4.61133755	4.519184	4.55418951	4.85572604	3.97837742
1.00E-04	1.00E-04	1.00E-04	0.05613198	1.00E-04	1.00E-04	1.00E-04
2.05165603	2.06461742	1.897828	1.91941507	0.50894684	1.72107246	0.74762136
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.28157268	5.30307078	4.85655869	4.95449008	5.32270888	5.37578882	4.96146764
0.29177977	0.77613407	0.787717	0.59805868	1.00E-04	0.84039009	0.74005599
4.84560459	5.12473186	4.60343917	4.66490868	4.94495829	5.0434933	4.70557121
3.05168332	3.04247469	3.61519663	3.61078139	3.55903522	3.20417261	3.34411092
4.1080017	4.12936374	4.0019853	4.0105522	3.65676624	4.03468296	3.64890168
0.21883945	0.19953152	0.22315433	0.07205062	1.84320852	1.13513759	0.90757896
2.12292275	2.40844089	2.21456185	2.09208161	2.24732146	2.44454673	2.30200294
0.290508	0.28739561	0.1970698	0.27837539	1.00E-04	0.42159737	1.00E-04
1.83199739	2.26225323	2.64342807	2.49259341	3.48714855	4.09713996	4.49145629
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87838073	2.77172213	2.81588077	2.65136017	3.36999134	3.28369508	3.29750563
5.60645408	5.71232627	5.32004405	5.26904261	6.0389564	6.53120019	5.97740314
4.06868007	4.13365147	3.77640879	3.8044976	3.42104581	3.66750285	3.41900639
2.21978723	1.98785023	1.98316157	2.31115163	2.54191627	2.73459588	1.99215599
0.15649427	0.51362622	0.78016734	0.5149458	0.39382455	0.35359087	0.29581149
1.96965681	1.67414009	1.86493328	1.69525211	1.45354397	1.8582406	2.12168326
1.00E-04	1.00E-04	1.00E-04	0.12365358	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.89576317	4.18732319	5.87078392	5.44763021	1.00E-04	0.74070309	1.70481664
1.00E-04	0.16443023	0.3350682	0.16007013	1.00E-04	1.00E-04	1.00E-04
0.32260198	1.00E-04	1.00E-04	0.08521219	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15863417	1.00E-04	1.00E-04	0.81782482	0.21931269
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.73482966	0.69312905	1.00E-04	1.00E-04	0.88031597
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32727083	2.1062195	2.2942045	2.02515925	2.05565814	2.11575277	2.28859036
3.27199965	3.75143934	4.43500917	4.70149644	2.9712438	3.35611202	4.00445755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41241033	1.00E-04	1.00E-04
2.60470181	3.07233163	2.41990338	2.57989778	3.05022754	3.29663397	3.87305823
0.94132262	0.74755861	0.58525215	0.72977002	1.00E-04	0.97812818	0.40593783
2.64210322	2.99061477	3.19687554	3.10887476	0.38091442	1.7422003	2.10563981
2.5441286	2.65357974	2.74211979	2.56265337	2.07248023	2.71281544	2.80747387

1.06079581	1.33273637	1.31308876	1.12755028	1.71643936	1.82727389	1.08860883
1.94538564	2.11821025	2.15774992	2.18026414	1.87515571	2.10384079	1.26322689
0.68384477	0.40471225	0.14416028	0.2014107	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.08011905	0.08857	0.10696566	1.00E-04	1.00E-04	0.70013367
1.00E-04	0.42232478	0.32757284	0.15430192	1.00E-04	0.42698816	1.00E-04
5.16997676	5.31847516	5.19126842	4.9396886	2.24919164	2.79793017	2.57177385
0.47593622	0.68494652	0.20923042	0.18941136	1.00E-04	1.00E-04	0.53213879
4.10685877	3.65296651	3.58759515	3.61101358	1.00E-04	1.35581856	1.47704694
0.46485467	0.74608604	0.69647715	0.87344897	1.00E-04	0.51529835	0.1313165
4.62626711	4.7886667	4.62654389	4.66982866	4.55585728	4.99709399	4.50530075
3.79778363	4.14339668	3.55790817	3.78593492	4.80373238	5.17170454	4.57559376
1.00E-04	1.00E-04	0.23054796	0.12096264	1.00E-04	1.00E-04	0.16909838
1.00E-04	0.22714685	0.25489664	0.18083099	1.00E-04	1.32308406	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0770151	1.00E-04	1.00E-04	1.00E-04
5.15616436	5.34443009	4.92390329	4.98943071	4.92481223	5.27739512	4.88630632
1.19262684	1.03579306	0.8818918	0.69408098	1.44333068	1.17265546	0.37440717
5.37305181	5.59164881	5.24048408	5.08676031	5.46798735	5.71527117	5.25270054
1.01011661	1.18311101	1.87701329	1.77691675	0.6627562	1.27738269	2.01756537
3.37089862	3.31784139	2.76803973	2.75985145	3.37181406	3.88792396	4.26759772
3.41834202	3.93926792	2.96876038	2.99109644	4.08195264	3.61950947	3.20686571
0.64528662	0.8963612	0.65754316	0.6444266	0.74691839	0.77015102	1.00E-04
0.48822424	1.00E-04	0.09773808	0.10175536	2.33135958	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62320234	3.16957932	3.1576368	3.22078746	2.71951634	3.13842281	3.24708189
1.10139488	1.85636257	1.06999193	1.18424866	1.00E-04	1.00E-04	0.39841089
1.24840833	1.5485585	1.06261042	1.53459066	1.31628459	1.46917822	1.29494639
0.46510306	1.03068989	0.93350021	0.69239386	0.89071144	2.14536399	2.02807796
0.68227403	0.35741613	0.5480638	0.59174478	0.61280452	1.00E-04	1.00E-04
2.76084746	2.64641658	3.04753049	3.20704332	2.12118117	2.52231916	2.56991994
0.36965205	0.90288001	1.53332097	1.13845389	1.03250372	1.50184608	2.01574556
2.1828011	2.73178961	2.89432542	3.2675274	1.7737549	2.08459757	2.46898513
4.11752754	4.1253046	3.7644306	3.63118005	4.10559492	4.02004647	3.34915013
2.15680545	2.6061791	3.20773369	3.30590106	0.76873559	2.04831301	2.22728542
3.55340725	3.75658115	4.17799991	4.14848319	2.75561168	2.8573528	3.51282273
1.00E-04	0.35808485	1.00E-04	0.123932	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04081469	1.00E-04	1.00E-04	1.00E-04	0.31078224
5.19308279	5.0647257	4.79427956	4.81107294	4.75937204	4.68927849	4.46552243
0.22701464	0.86977624	1.13137494	1.04799969	2.7539456	1.9550209	1.60414854
3.90000633	3.71167882	3.0377112	2.95526895	4.4998641	4.50534936	3.93647969
0.2536722	0.33414706	0.32813317	0.67558257	0.44340029	0.2845624	1.00E-04
1.00823615	0.91073967	1.15349865	1.3535028	1.03263908	0.99432289	0.79289755
2.03907716	2.48499272	1.80717406	1.94286989	1.41244554	1.77940694	1.09140383

3.75496533	3.82225227	3.50696807	3.62448731	3.37474382	3.77100942	3.44767444
4.17872208	4.52877832	4.02672542	4.05690479	4.53452226	4.87497145	4.28727064
1.00E-04	1.63401717	0.76210861	1.13981452	0.94698694	1.99319213	1.54821515
3.59872816	3.73080937	3.75064598	3.67468988	3.69447084	3.65496115	3.49473586
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.47262035	3.66140373	3.62420553	3.52080452	2.79888698	3.24685991	3.41621484
1.00E-04	0.27106612	0.01981825	0.30787397	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.11154382	4.13374767	4.21223506	4.45528008	4.23253594	3.81196936	3.85101244
3.19113318	3.32237598	3.47671088	3.61523846	2.95036065	2.47420646	2.92803822
4.50730112	4.6105784	4.92223653	4.86023793	4.78105509	5.04852337	5.15052588
2.50000027	2.84001375	2.95677156	3.08323369	2.11244598	2.8762731	2.98084984
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.95010709	4.07278279	3.66873755	3.69467342	4.39726189	4.46472904	3.79852143
0.62087938	0.91861279	0.88452946	0.70465514	2.55482392	1.59854484	1.43323585
3.83136333	3.67910152	3.30595817	3.36712045	3.88193921	3.82643195	3.50159559
1.00E-04	0.41668466	1.00E-04	0.12543604	1.00E-04	1.00E-04	1.00E-04
2.19042649	1.94072107	1.96309454	2.14090656	1.00639663	0.95461042	1.54414113
0.47190246	1.00E-04	0.08149798	0.03906776	1.00E-04	1.00E-04	1.00E-04
1.4704676	1.51931986	1.61426286	1.35874277	1.78145403	1.51375717	2.30022308
1.31064146	1.31530685	1.56051973	1.38498325	2.22058878	2.54138622	1.02316142
5.1219023	5.11622109	4.7227112	4.86540004	5.61995039	5.51790851	5.21027024
5.03643569	5.04190298	4.79638803	4.78076219	4.89234071	5.10089724	4.59960393
3.49452257	4.00029024	4.17609118	4.12368966	3.51913518	3.52192973	4.10710101
2.03019737	2.38419255	2.63290713	2.52807031	2.18570999	2.2244356	2.85776905
2.66402388	2.81192374	2.94760558	3.12104466	3.20967644	3.18321074	3.38115327
0.72563566	2.14281755	0.91569544	1.1219227	1.79091409	1.31400185	0.29299334
4.7780157	4.96841502	4.56415232	4.46369371	5.76057011	5.90416121	5.10149656
2.76058906	2.93022684	2.89135538	2.68911386	3.91829895	3.46867512	3.12868031
5.16957437	5.43137416	5.93615059	5.96009195	4.03112455	4.53474305	5.41484358
3.66347775	3.86264176	4.78245366	4.8795328	4.06880152	4.01139634	4.86533357
0.76434699	0.96958057	0.59865642	0.70624967	0.55964322	0.34543859	0.67310997
2.55877077	3.34593211	3.83976198	3.8248861	1.71897541	2.69259539	3.49579383
1.00E-04	1.00E-04	0.05786652	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.48447471	4.92454306	5.67703003	5.78193696	4.22975824	4.62096536	5.61665206
4.06269843	4.31930634	4.61819894	4.68338009	3.9361476	4.20973339	4.32143109
3.90444651	4.29061573	4.30856081	4.36651811	3.9103197	4.00846947	3.64354403
3.20397994	3.42670671	3.27909698	3.37815409	3.0966176	2.89000666	2.63160371
3.6295528	3.84896311	3.81146073	3.74689023	3.77724084	3.75490814	3.76718286
3.45859497	3.66081043	4.35872703	4.4930111	2.76089089	3.12549992	3.81842809
4.64975625	5.00377219	4.67032636	4.68940628	4.23623788	4.65517274	4.62375875
6.18241735	6.19134284	5.85595806	5.80574448	6.01259321	6.33547419	6.02955079
0.31224162	0.07314043	1.00E-04	0.05134714	2.17847849	1.56974981	0.84472186

3.49073828	3.54512716	3.94870169	4.02533185	3.35074305	3.44477761	3.3255231
1.99688504	3.04905089	3.28460285	3.49236431	2.29265436	2.07731101	2.42758072
1.00E-04	1.00E-04	0.08208074	0.05845657	1.00E-04	1.00E-04	1.00E-04
0.18838075	1.00E-04	0.3988249	0.26754171	1.00E-04	0.61904659	0.17016891
2.49093132	2.6310745	2.58002452	2.93115876	2.29770269	2.99261556	2.99577625
2.28780713	2.40757408	2.41256916	2.49095064	2.64014226	2.28708889	2.72978158
4.73528417	5.01181224	5.02514417	5.00555746	4.57116599	4.79877269	4.85477202
5.86596022	5.88475251	5.74282751	5.57563197	5.90215752	5.798339	5.64916086
1.00E-04	1.00E-04	0.19784576	0.16843031	0.71649841	1.00E-04	1.00E-04
1.00E-04	0.15452825	0.06584226	0.24223776	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44116096	1.00E-04	0.29198514	1.00E-04	1.00E-04	0.53523136
3.40620975	3.62060467	3.55818	3.40396165	3.47760276	3.52210446	3.18329009
4.03727359	4.05660944	4.05591371	4.21557188	3.99778195	3.74838705	4.16261644
4.61979861	4.9669147	5.01900014	4.92208317	4.76788397	4.85523257	5.00573308
5.47662892	5.49054988	5.57533846	5.59744802	5.37205282	5.63856843	5.54250535
1.5237756	1.59157936	1.69547165	1.55937239	1.15770265	1.55492788	1.93666921
4.17422754	4.3857378	4.61825256	4.69589484	3.89957528	4.06014393	4.73670272
4.72771884	4.82907376	5.22895772	5.04202184	4.24521992	4.27259596	4.71485498
4.94441861	5.11774846	4.87585894	4.89054853	5.05402213	5.31449425	5.22005818
5.07995231	5.31943556	5.77692261	5.62103776	4.91487661	5.28445614	5.70597586
3.82585451	4.01636295	4.0770221	3.91568598	4.00672782	4.12184558	4.20682119
5.04007628	5.43499001	5.57893595	5.66676056	5.08666712	5.10024123	5.28425087
2.44435121	2.78099862	3.19877302	3.37561851	2.52434482	3.08446133	3.02899286
3.58394797	4.11769142	4.51194001	4.56620547	3.84112292	4.02308477	4.71718806
1.27483861	1.89540067	1.80840324	1.79688912	0.40975599	0.57122143	2.20100957
1.00E-04	0.30789576	1.00E-04	0.0768668	1.00E-04	1.00E-04	1.00E-04
4.83842708	4.81303772	4.53643668	4.48909613	5.02367962	4.94168137	4.58724738
3.14592944	3.19269864	2.97871801	2.79721258	3.40237878	3.40148105	3.19894801
3.24173256	3.60765148	4.53591781	4.68714195	2.91212374	3.2609631	4.30041361
4.58949411	4.97910062	5.4040052	5.29010878	4.02297989	4.57369131	5.00788691
3.19566628	3.43191818	4.00146444	4.20249433	2.86955415	3.41334848	4.2444736
5.36691216	5.56049367	5.04249346	5.03096694	5.64137943	5.62546231	4.94467549
4.80267409	4.65945717	4.31054934	4.13022297	3.9360477	3.85021793	3.37127275
4.06162614	4.34830665	4.56295135	4.66552155	2.83536179	2.83493888	3.04408426
0.24193707	0.4744723	0.07973645	0.30343636	1.00E-04	1.00E-04	1.0269485
1.00E-04	0.18034338	0.21772264	0.06536052	1.26973442	0.88239248	1.00E-04
4.3284721	4.06826766	3.80633276	3.80876399	3.84951235	3.50721566	3.31003189
6.23286955	6.28954684	5.82254837	5.68323158	6.77827394	7.17514421	6.54670729
1.77950614	2.12653108	2.05540438	2.05025458	2.80702621	2.41992249	2.51452087
1.00E-04	0.28846672	0.2202997	0.13593392	1.00E-04	1.00E-04	1.00E-04
1.9941812	2.31663818	3.1358259	3.433012	1.73187187	1.97426338	3.0914257
0.45608282	1.38908974	1.21496126	0.87858038	4.30617248	4.49461646	4.30915617
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65272318	1.00E-04

4.20360718	4.31890706	4.35509501	4.53388323	4.15317746	4.0151256	3.78536076
4.11910314	4.46574153	5.33301932	5.23504148	3.69502183	3.91267836	4.95399657
3.556586	3.76218057	4.13974362	4.1652328	2.8450306	3.08536778	3.96302015
4.30517312	4.75294214	5.64442038	5.71042511	3.90742865	4.21233828	5.39047395
2.69706654	3.26257487	3.05663981	3.21139679	1.63671984	2.6853276	2.77814081
1.00E-04	1.00E-04	0.23753756	0.14466686	1.00E-04	1.00E-04	0.78075993
1.00E-04	1.00E-04	0.04804662	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.98114853	4.24213481	4.5357174	4.55455791	3.90629478	4.02032178	4.54567905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68552334	1.00E-04	1.00E-04
0.48356498	1.01071348	0.61845549	0.9159588	3.40763498	2.56204998	2.42549928
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.30399174	4.50910958	4.69302536	4.64796737	4.35092647	4.21477596	4.60127112
2.61735593	2.36961864	2.74045935	2.40419785	4.16035213	3.80689572	3.27453244
1.00E-04	1.00E-04	1.00E-04	0.08472125	1.00E-04	1.00E-04	1.00E-04
5.51050202	5.24565433	5.28118595	5.29753369	5.24248718	5.46942733	4.90772231
3.17969044	3.27514094	2.98016434	3.10729529	3.96018594	3.82190438	3.45843708
4.49998973	4.54613947	4.00821579	4.06034492	4.70788119	4.87810623	4.36808567
2.74504032	2.48075184	2.694484	2.7743328	3.00913653	2.66850495	2.30300781
2.94469722	2.62397942	2.68367986	2.88078991	3.62761224	4.0978466	3.71817839
0.56173771	2.13810196	1.60980857	1.76637183	4.06050215	4.52401918	4.32150244
1.68109085	1.95343703	0.8490429	1.518572	2.07321944	2.13846193	2.04045373
5.48658093	5.48436744	5.09989606	5.1053583	5.54842779	5.91410795	5.11165404
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.95567477	0.93081741	0.90577089	1.00E-04	0.7234341	0.77970205
1.41801465	2.17937954	1.75166846	1.77223801	1.69725042	1.62522951	1.56362966
2.09364862	2.36810383	1.45889625	2.3920706	4.60666943	4.49514283	4.45217179
1.76965793	2.17999149	3.01015484	3.02568629	2.56974769	2.80565049	3.5604197
2.4483143	1.63776089	1.53685939	2.03403617	4.31795601	4.16051055	4.40915081
3.58253571	3.28016409	3.37608356	3.47994987	3.72762571	3.4906443	3.44538725
2.99312679	3.1419304	2.49170459	2.43423269	1.69534128	2.41708121	2.47303757
4.44115263	4.53909012	4.23196507	4.13480196	4.65963929	4.64337848	4.2593051
4.03717722	3.34190222	3.49982415	3.47601313	4.06831457	3.13490045	2.95307399
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.73542384	5.78146569	5.52313738	5.63557066	5.67236468	5.53739817	5.32750923
1.00E-04	1.00E-04	1.00E-04	0.06277651	1.00E-04	0.47083282	0.12174474
1.22617621	0.38595832	0.43507054	0.69708259	0.56063254	1.00E-04	1.00E-04
0.89192213	0.95083465	0.90076176	0.7642788	1.00E-04	0.97304763	0.30554045
1.00E-04	0.24081423	0.37990196	0.51824623	1.00E-04	0.64139002	0.7243296
3.33324765	2.73630159	2.38705128	3.14382908	2.70425547	2.1480884	2.04830667
1.00E-04	1.00E-04	0.14353802	0.22009739	0.94730011	0.58922057	0.28446781
1.97548005	2.33827134	2.80652667	2.71821136	1.51311789	2.73152055	3.85208373

6.33706635	6.51314507	6.11939517	6.03439784	6.408165	6.56649694	6.12352366
5.1902232	5.51435778	5.19556533	5.12009249	5.42827092	5.50789913	5.30208733
1.29294455	1.22848913	1.12006689	1.30783836	0.55964322	1.01283944	0.63283665
3.58548774	3.42591418	3.32908337	3.4054849	3.33824565	3.79648887	3.08042359
3.56396817	3.91795031	3.536445	3.61978092	4.29204363	4.23864813	3.90071729
2.81636505	2.87969256	2.64101631	2.68849895	2.567214	2.95135148	2.72606811
3.80159549	3.48302752	3.42208345	3.77224224	4.38360423	4.54271312	4.31383907
2.34368682	2.92107005	2.60519857	2.47612539	4.45315426	4.908642	4.7919279
1.07352355	0.20742973	0.74142002	0.52408116	1.37154018	1.61466119	0.11699513
1.00E-04	0.25624121	0.28402897	0.52889243	0.60156552	1.00E-04	0.68963083
1.06286303	1.00288223	1.6080266	1.37257347	0.92568104	1.63385536	2.31608352
1.33196925	1.50457119	1.22581269	1.26244589	4.01813437	4.23896215	2.90509725
3.71494714	3.6309218	3.75763114	3.60299923	3.11091717	3.37408796	3.01672831
3.22605559	3.74127062	3.89059524	3.78984961	2.63516969	3.08706581	3.23758637
2.77763204	3.08633732	2.90318464	2.98315394	2.7675819	2.20821353	1.29105446
0.44754693	0.84719899	1.38562203	1.37261408	1.75988544	1.82686506	1.62055083
1.09938513	1.1148698	1.04176748	1.35820148	1.00E-04	1.00E-04	1.38307913
3.16170125	3.31612369	3.39717095	3.41178584	3.79346069	3.51363882	3.60827979
0.12498368	0.34348401	0.39775539	0.51896006	1.00E-04	0.67837893	1.1723617
3.24515747	3.6933842	3.15515953	2.98040103	2.84709317	3.31482528	2.98495668
4.51006063	5.36307211	4.53140527	4.46789761	4.16313569	4.88185765	4.16519277
3.14302215	3.50380892	2.861815	2.94548869	4.26560986	4.0369194	3.19684477
5.20666071	5.4688725	5.02429454	5.04747473	5.39325921	5.50974347	5.18346735
5.98857952	6.28518324	5.67424159	5.34361734	3.22898873	3.61245338	3.23948417
3.86359867	3.9168467	3.56329142	3.71792671	3.43150051	3.98672564	3.7029437
5.29008404	5.37535893	5.06273392	5.07147432	4.50911464	4.58877923	4.16697419
3.24484417	3.29424162	3.1437475	3.1894942	4.07919417	4.09401863	3.65134046
4.97436449	5.13989966	4.74739494	4.6380805	4.92285245	5.21751985	4.88741364
5.07404073	5.19100746	4.91035066	4.97888401	5.75387383	5.95579961	5.57619486
1.00E-04	0.30602115	0.39707974	0.1919338	1.00E-04	0.12583522	0.46464532
1.00E-04	1.00E-04	0.08323812	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08666597	1.00E-04	1.00E-04	1.00E-04
1.0056196	1.41879301	1.59892501	0.97945022	1.00E-04	0.35874068	1.00E-04
1.00E-04	0.25604588	1.00E-04	0.07739909	1.00E-04	1.00E-04	0.76224516
0.29114248	1.00E-04	0.30040616	0.28819759	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09555657	0.06423381	1.00E-04	1.00E-04	1.00E-04
0.19046343	0.61353354	0.2180758	0.14353567	1.00E-04	1.00E-04	1.00E-04
2.08058511	2.67968679	2.2889308	2.34649825	2.85149034	3.02850385	2.92793277
5.27945356	5.38499329	5.09506976	4.96152374	4.86177802	5.36246381	4.62048954
5.29705063	5.45723782	4.98552066	4.80930583	5.76029779	5.99524226	5.64998417
3.79800697	3.40395285	2.98662414	3.08056822	3.4124466	3.31284729	3.01176158
4.25204805	4.38552568	4.53494566	4.34739833	3.57879222	3.68048232	4.31970247
6.09451044	6.09955058	5.86012851	5.78773762	5.35691056	5.49030146	5.0365538

3.26037124	3.66301522	3.44507327	3.46144784	3.65003695	3.38987169	3.25540281
2.05941818	2.23290052	2.48935146	2.44209736	3.04498153	3.02901382	3.2534994
2.59874168	2.74102931	3.37176723	3.5810216	1.651361	1.97621821	2.82143439
6.32276812	6.41398646	6.39147006	6.32068392	5.71691985	5.82661532	5.68221402
6.91050064	7.08184049	6.84147013	6.88066637	6.68605949	6.94550119	6.74936062
4.90057165	4.90550085	4.60327658	4.64095869	5.30302465	5.30181631	5.11655493
3.07327978	3.49947943	3.49143868	3.53611766	2.74032799	3.36742226	2.87873413
3.73193934	3.92684701	4.03924476	4.09527086	3.77000557	3.94114708	3.98165498
3.60555434	3.84923278	3.23788271	3.10279952	4.1236961	4.04690298	3.9425525
0.45770229	0.698083	0.60976991	0.71270774	1.36897196	0.91385146	0.6124608
1.00E-04	0.30789576	1.00E-04	0.17038019	1.00E-04	1.00E-04	1.00E-04
0.70208886	0.73931882	0.3732133	0.26053156	1.00E-04	0.82896868	0.9640307
1.75034074	1.87431341	1.5672403	1.71552281	1.27967806	1.77320293	1.22648589
1.00E-04	1.49516235	0.46022743	0.71158173	1.00E-04	0.38375241	0.31427964
2.96439117	3.27117854	2.60150787	2.77990079	3.2671786	3.83319372	2.90224373
0.7520304	0.56918017	0.43321516	0.53671205	0.65823999	0.79789027	1.00E-04
4.56978496	4.54157173	4.38525958	4.53463975	3.98942502	4.17836014	3.91096641
3.78011355	4.10267155	3.55119497	3.54470169	4.28620405	4.40979106	4.12434797
6.1395423	6.23873989	5.83681874	5.61917751	5.31666455	5.51500792	4.92752573
6.01523766	6.17104663	6.11213276	6.1364173	5.56639496	5.8659007	5.53565175
3.9860463	4.32125085	4.01706736	4.12521665	3.86968124	4.46343707	4.0194254
1.21140039	1.11968899	0.60792966	1.38579398	0.6136985	1.39951832	0.35106062
2.11234597	2.6808286	3.21807912	3.33029821	0.74169797	1.76285238	2.58037036
1.00E-04	1.00E-04	0.04729475	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.46180873	3.65395066	3.94887844	4.09714008	3.80905985	4.03451895	3.89406207
1.00E-04	0.17883191	1.00E-04	0.0676385	1.00E-04	1.00E-04	1.00E-04
1.11401399	1.26516914	1.6409979	0.96916877	0.24496797	1.93542329	1.79448244
3.32874245	3.32491534	3.51554014	3.84238402	2.86975879	2.79762824	2.89799111
1.48047662	1.81152054	1.94617111	1.66961066	2.03407533	1.81644604	2.76195065
0.21325562	0.44522222	0.86724535	0.79861255	0.45086753	0.77474764	0.42381331
2.82157305	2.87555766	3.533964	3.57098068	2.30424132	2.61594542	3.71177028
1.00E-04	1.00E-04	0.1212876	0.0511779	1.00E-04	1.00E-04	1.00E-04
1.87013055	2.55372924	1.96485353	2.20399194	1.4602272	0.50039133	0.89960863
0.52846647	0.33983107	0.51367711	0.58678102	1.00E-04	1.42228241	1.00E-04
1.84220092	1.70638102	1.26492477	1.1629381	2.46613747	1.88497888	1.72979034
1.00E-04	0.93550436	0.56552879	0.64043768	0.52474525	1.3218579	1.00E-04
0.49268336	0.49383873	0.85418889	0.79735048	1.09327135	1.09837843	1.58861428
0.39677911	0.48244151	0.2478348	0.80235301	1.44104466	1.32058024	0.68586238
2.5006248	2.58192722	2.38901492	2.65211759	2.46203351	1.92671112	2.58022734
1.00E-04	1.00E-04	1.00E-04	0.0703457	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04816197	1.00E-04	1.00E-04	1.00E-04
2.58595371	3.0718491	2.75510373	2.74778299	3.60196695	3.63334423	2.68315009
0.18608422	1.22283851	0.94860736	0.84859318	1.47829755	1.9271446	1.60828758

3.57449312	3.75030343	4.02322742	3.99558619	3.55200587	3.62405099	3.91456852
3.89432192	4.01911492	3.93387905	3.70544931	5.28697125	5.08925023	4.89261277
1.18776285	1.29300294	0.79914047	0.99488654	1.95047612	1.02923222	0.5395735
1.00E-04	1.00E-04	0.10225763	0.05940081	1.00E-04	1.00E-04	0.32484108
3.28157749	3.60662254	3.36853704	3.2814997	3.54085075	3.79342144	3.37404861
1.00E-04	1.58998195	0.5433176	0.69523556	1.00E-04	1.22817646	0.1362077
4.98628976	5.10916786	4.80859797	4.73059648	4.8470383	4.89065802	4.57634582
5.10856226	5.17876268	4.77298904	4.63926671	5.09966116	5.38788144	4.83993599
2.76163258	3.00353204	2.8792396	2.83939633	2.25800442	2.90529772	2.9556685
1.62937571	2.02216308	1.91862209	2.00434507	3.65606857	3.9050281	3.64490191
3.06476854	3.07903246	3.22153573	3.46968034	2.99855883	3.33610117	2.89513677
4.91054066	5.02837621	4.64028837	4.56379602	5.22227532	5.51316717	5.15807335
2.6187485	3.59728565	4.17456887	4.1647236	2.56362269	2.88853273	3.86862826
0.73111258	1.41711852	0.81226237	1.08671419	0.44085717	0.72226865	0.39041828
1.59885423	1.75677379	2.23358497	2.36859265	2.05552762	1.94148707	1.80579669
3.22121262	3.47152792	3.48033361	3.45777609	3.21920942	3.81965249	3.51955479
3.78157197	4.10503341	3.95941864	3.88889763	4.53193052	4.74260591	4.56820114
4.49521205	4.56491682	4.27452959	4.3411507	4.57689413	4.82181962	4.30386481
4.48681225	4.56252975	4.4560747	4.46893082	4.50942695	4.74805386	4.38342158
3.46486243	3.80617216	3.52870518	3.58077749	3.59904967	4.11817038	3.77792863
0.53367838	0.51551471	0.82302721	1.25808409	1.11380399	0.93404491	1.22005176
2.26462172	2.65993545	2.47178111	2.32197963	0.61856275	1.1009308	0.87006584
0.4520727	1.37244651	0.82315985	0.70563958	1.00E-04	0.52691586	1.00E-04
2.46281442	2.77784757	2.33237818	2.80132286	1.05070843	1.89148911	2.15302715
4.20092988	4.31457252	4.14813831	4.48744514	2.83434486	2.28317342	3.10975439
2.83489697	3.60048905	3.41699835	3.48335028	2.78352444	3.19940961	3.27633243
3.01760079	3.41543072	3.13515378	3.23913915	3.09018616	3.78719929	3.12886705
3.02565696	3.22438018	3.02558842	3.12700671	3.19469499	3.34304376	3.24085322
3.67459029	3.50642482	3.5109585	3.72639621	4.79947533	5.16691506	4.95830119
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1.67500946	0.30789576	0.76701323	1.12116725	1.74921731	0.95754227	0.99468612
2.99492183	3.3289592	3.50422001	3.50713981	3.09783079	3.41475214	3.54463596
4.1747761	4.19364969	4.14467569	4.14891642	3.8183091	3.89132874	3.76762869
4.08678838	4.37701638	3.92908798	3.93388422	3.74102223	4.22967008	3.70404443
5.34932484	5.5928839	5.24343669	5.09395948	5.11182828	5.13656894	4.99794934
1.40829376	1.1195405	0.5863601	0.68230634	0.67865304	0.5406161	0.21257887
0.7447944	1.74485982	1.85884755	1.52137697	0.78234266	0.3670047	1.00E-04
3.23478952	2.93635078	3.28160619	2.24383431	1.00E-04	1.00E-04	0.4729907
3.423557	3.45769694	3.34932074	3.32100412	3.23804367	3.65905422	3.39231428
0.92039625	1.56239369	1.18156707	1.33554179	1.4992358	1.76553491	2.07954135
4.69111109	5.13241422	5.70427798	5.77684032	4.98681511	5.18364709	5.87673026
3.57229431	3.61859689	3.46937807	3.59771504	3.5232154	3.67856547	3.2903257
3.63815887	3.93067949	4.3632212	4.36064295	3.56175077	4.00361493	4.57341932

4.84764995	5.06723077	4.58657744	4.59378747	5.40902472	5.25717143	5.14593581
1.11260673	1.75845786	2.15283886	1.84068225	2.36597453	2.2023383	2.80853893
4.84122202	5.03586679	4.66734108	4.38391682	4.73577657	4.87628922	4.55463585
3.95435028	4.1539172	4.18712055	4.23921994	3.91557239	4.03475401	3.9749077
4.38253683	4.33768715	3.90933067	3.89159284	3.84529638	4.48895031	4.00942169
2.18355106	2.38364737	1.90249724	1.83033676	3.89143893	3.71561623	3.59571073
3.30920571	3.41541798	3.17226827	3.31195958	3.32924459	3.38713946	2.95367953
3.58109545	3.68293896	3.32398472	3.3554021	3.30028577	3.97748432	3.85007379
4.29511703	4.33953875	4.42506118	4.44110776	4.05392946	4.22477946	4.57866284
1.00E-04	0.73817775	0.1029606	0.39773275	1.00E-04	1.00E-04	1.00E-04
2.85916976	3.46784435	3.18963459	3.1673437	6.44398366	5.54594369	5.30692703
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1.00E-04	1.00E-04	0.05442403	1.00E-04	0.5982431	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32850708	0.30397359	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.36886059	0.29104066	0.1445885	1.00E-04	1.00E-04	1.00E-04
0.34812995	0.17018868	0.3794445	0.3497638	0.70997801	0.42442279	1.00E-04
0.37303441	0.3258161	0.164685	0.35057997	1.00E-04	1.00E-04	1.00E-04
3.76832923	4.07806434	3.64740322	3.50669047	3.78852108	4.25565334	3.9995892
1.78391278	2.06392069	1.96639578	2.17850418	2.31658989	2.48962829	1.75149487
3.28528204	3.50002213	3.62252674	3.56514356	3.54048746	3.41911434	3.76715122
3.81531391	4.27929305	5.14147638	5.16779087	4.14794355	4.11001096	5.09739829
2.98084073	3.16002403	3.64577792	3.54775264	3.2751872	3.53269939	4.00493347
2.99741538	2.39814972	2.30789422	2.97891586	2.66767525	3.92172202	3.06768561
4.35520386	4.46645115	4.53935975	4.58426713	3.81816749	4.25488204	4.17653184
0.26830142	0.49904975	0.03425115	0.144868	1.00E-04	0.45518725	1.00E-04
1.00E-04	0.34414115	0.16477979	0.13963554	1.00E-04	0.21702837	0.16885696
0.34225106	0.36811027	0.28513779	0.62402727	1.00E-04	0.75004451	1.19447079
4.28815555	4.27583141	4.41886121	4.48651427	4.12391894	4.18542297	4.51558459
4.10105314	4.46420641	4.19647215	4.20755592	4.38773718	4.15995917	3.7956744
5.68122333	6.01556079	5.46432548	5.39443161	6.44947293	6.29480001	5.88418286
2.68854496	3.33513781	4.0009157	4.09787893	2.79735149	3.51263891	4.11069149
4.290424	4.22620828	4.1128561	4.22086457	3.9485	4.00008847	3.93963472
3.60845534	3.92179983	3.67801298	3.55414044	3.65191963	3.75901213	3.43431728
2.09359358	2.45361516	2.3419361	2.58737237	1.92305592	2.26717261	2.16350268
2.7079778	3.35209448	2.95485967	3.00719726	2.94703785	2.95151864	3.05000072
2.4104383	2.52731942	3.10728103	3.1585109	2.45993132	1.91395094	3.12102307
3.37783404	3.58493234	3.86485651	3.90804564	2.59439399	3.10719961	3.19592209
1.85809854	1.68930608	2.13805607	2.05388266	1.17614017	0.84694456	1.80573517
3.57741718	3.79355217	3.43475456	3.31401526	5.31173686	4.6185226	4.58757527
0.53657603	1.00E-04	0.12421861	0.08584052	1.00E-04	0.24764169	1.00E-04
3.03964367	3.18961294	3.74096696	4.04286527	1.86354229	3.05517588	3.2787223
2.12854734	2.00943582	1.2947137	1.60998359	2.47868661	1.00E-04	0.37247326

0.36085953	1.00E-04	0.48240078	0.29092143	1.00E-04	0.28241755	0.23172291
4.91847266	5.13045893	4.70165953	4.69926134	5.57271106	5.72539247	5.17455468
0.74320458	1.47437603	1.03793901	1.36580322	0.40912496	1.01044192	0.43731928
1.8836926	2.15376797	2.0687005	2.15096668	1.82951239	1.90365047	2.07301014
4.65778298	4.88372152	4.58669337	4.67113521	4.90883941	4.88724383	4.77889475
1.40302696	1.25325799	0.95414254	1.23336757	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0442649	0.06674994	1.00E-04	1.00E-04	1.00E-04
0.69100628	0.97480654	0.59603066	0.68713467	1.00E-04	0.78868346	0.34458444
2.69407866	3.18150394	3.57318118	3.83788505	2.52497127	2.9432038	3.55417469
1.00E-04	0.04336477	0.17630164	0.11577683	1.26285992	0.34097617	0.11808513
1.66763179	2.28471968	2.71522995	2.8678731	1.22502006	1.73421768	2.75879808
0.3422687	1.00E-04	0.07752794	0.04576475	1.00E-04	0.51529835	0.41306813
1.17867615	1.49332025	0.99084342	1.12401199	0.78094411	0.30127966	0.70886065
1.5775112	2.04349424	1.81443926	1.75246528	5.63565872	6.11296581	5.64302614
1.65537252	1.79124327	2.20044447	2.40983113	1.44809301	1.46533195	1.87112127
0.39237531	0.66435548	0.78885912	0.80646882	1.00E-04	1.12470173	1.5835446
4.1473647	4.44619743	3.95808599	3.97852345	4.14614525	4.36575487	4.2234929
3.98052859	3.92991177	3.8785435	3.56879959	3.38174932	3.92624231	3.66820789
0.62996112	0.76067091	0.41322424	0.71792279	2.29503212	1.28767983	1.90031349
0.96950469	0.85157536	0.36347031	0.6614248	0.53515803	1.00E-04	1.00E-04
0.67585967	0.61236692	1.37653873	1.02146824	1.00E-04	1.83387838	1.45369625
0.53965376	1.86605478	1.18610906	1.27973374	1.19076005	1.86321343	1.27936019
0.23395345	0.30602115	0.410927	0.42894754	0.50894684	0.95173654	0.63688872
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.46743894	2.1983827	1.92248434	1.96573413	0.54828133	1.18986162	2.2300613
1.00E-04	0.35241	1.00E-04	0.05539767	1.00E-04	0.50307457	1.00E-04
1.24235715	1.53876812	1.13626164	1.26682367	1.97244395	1.89323114	1.76965164
1.00E-04	0.28200799	0.07927365	0.08169894	1.00E-04	1.00E-04	1.00E-04
1.18533698	0.84966518	0.78906552	0.92291505	1.00E-04	1.02699886	1.56064199
3.82637987	4.33574069	4.64415978	4.72312933	3.34264502	4.05791968	4.4380463
1.71431983	2.52601864	2.29667306	2.43073508	6.21255959	6.56284	6.0479056
3.27731629	3.40111494	3.08444897	3.09559388	3.62889434	4.02319708	3.58690163
0.1908604	0.63830231	0.60768194	0.40838268	1.00E-04	1.00E-04	0.98274788
3.54835475	2.66458838	2.25610813	2.73462945	1.00E-04	0.25244024	0.95995171
1.65394735	2.78147315	2.8890394	2.46608915	1.89735472	2.44287455	2.46786518
1.44843514	1.83097081	1.99238442	2.32949823	1.69974209	2.18103159	1.80997489
4.27724722	4.48553839	4.28953632	4.34245594	4.26663261	4.30567797	4.38448338
0.42641032	0.49177973	0.56669824	0.90760802	3.09909384	3.0855232	2.43376756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.98271941	6.00152116	5.68060516	5.6677472	5.22921983	5.67411282	5.19081066
6.26837386	6.21392152	5.63000302	5.74901885	4.31207421	5.26328535	4.62959515
5.18863876	5.37966312	4.61582937	4.72954739	5.1313462	5.01679877	4.47689761
1.00E-04	1.00E-04	0.16922679	0.05683974	1.00E-04	1.00E-04	1.00E-04

0.96174148	1.29820174	0.94871614	1.01074394	1.60830216	2.17346851	1.08576915
0.2269257	0.30836803	0.55210706	0.48358509	1.03145483	1.11975803	0.913381
2.51356726	3.39156008	3.60629971	3.57865836	3.64165223	4.55618413	5.06611407
1.00E-04	1.00E-04	0.06908997	0.05902446	1.00E-04	1.00E-04	1.00E-04
0.88616098	1.00564063	1.46703737	1.6979036	1.00E-04	0.72973587	1.42924936
3.91349605	4.29027429	3.82299175	3.91398702	3.67209223	3.76930038	3.2117906
1.8595905	1.89009008	1.18508032	1.38935885	2.92827859	2.46115439	1.77340804
3.75105622	4.11779735	3.97041255	3.92361077	3.80654939	4.42287543	3.93414424
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29733052	0.45275821
1.00E-04	0.3115568	0.13697904	0.16069716	2.28370655	2.84948253	1.43655026
1.6190683	2.55062331	1.83165142	1.77386301	1.00E-04	1.29048527	0.91514827
1.00E-04	1.00E-04	1.00E-04	0.10852827	1.00E-04	1.00E-04	1.00E-04
0.39938962	0.44219907	0.09476463	0.40491789	1.00E-04	0.52686246	0.86668538
5.16986001	5.26521392	5.09363141	5.01751562	4.23340302	4.6601249	4.36016198
1.05513386	1.05987116	0.45517431	0.7172162	0.82056047	1.16585036	0.71353385
2.60393944	2.97268453	3.09664564	3.3769322	4.53507798	4.57164419	4.57709496
1.00E-04	0.53373728	0.08731482	0.12756996	1.00E-04	0.62919957	1.00E-04
2.24458656	2.64862401	3.07165909	3.12654104	2.08875601	3.47286832	3.56007247
0.22548292	0.84519453	0.29223589	0.39174401	1.00E-04	0.35737205	1.12622227
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.50069067	3.63494912	3.60905316	3.76149952	2.19912814	2.76024605	2.73648032
1.00E-04	0.2672536	0.15280429	0.10736796	1.00E-04	1.00E-04	0.55942246
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23223341	1.19647769	0.75955563	0.80587271	1.00E-04	0.67263778	0.8511787
1.00E-04	1.00E-04	0.11695233	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37822858	0.10408537	0.30390885	1.05772513	1.25776365	1.00E-04
1.00E-04	0.36330422	0.05580156	0.1047851	1.00E-04	1.00E-04	0.47674598
0.68734322	0.89049778	0.50358681	0.68900297	0.83437326	0.57180412	0.38794164
1.00E-04	0.32203437	0.11472803	0.18629032	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.28374897	0.25565086	0.19107092	1.00E-04	0.38529299	0.30631903
1.00E-04	1.00E-04	1.00E-04	0.08303524	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1214348	1.00E-04	0.02439856	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25871909	1.00E-04
0.2779322	0.32700513	0.06094812	0.29783435	1.00E-04	1.00E-04	1.00E-04
3.08345137	3.33734919	3.48049365	3.70186849	1.96778334	2.04835727	1.88194248
5.47015517	5.40532107	5.12625687	4.76382043	2.60978909	2.70041582	2.07567148
5.613493	5.79859089	5.3262892	4.85222524	4.0933303	4.29668696	4.01051039
0.78005157	1.26726561	0.96853654	0.98770899	1.00E-04	1.56696741	1.30206955
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88084772	2.56929394	2.48218438	2.59207649	2.55478221	3.48557018	3.49812343
3.80166295	4.24012536	4.01148758	3.9730283	4.23623393	4.49812459	4.19589745
3.27464559	3.54090792	3.04861251	3.14937681	3.33009121	3.70254377	3.38984342

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87969167	3.00645011	2.64612305	2.87892255	3.02673602	3.06316505	2.79980472
5.0284235	5.16293134	4.73501535	5.07119345	4.93187805	5.09390367	4.84073603
3.45426679	3.88429881	3.32340472	3.41255742	3.60978162	3.73670431	3.49826554
1.00E-04	1.00E-04	0.07415792	1.00E-04	1.00E-04	1.59085521	1.00E-04
4.57425143	4.92113315	4.51649914	4.58889249	4.82334501	4.70759671	4.57070975
0.71598428	1.37853776	0.77067647	0.75595512	1.00E-04	0.19146001	1.31539021
2.94729337	2.89317644	3.11047161	3.00678447	2.33137494	3.39572588	2.78243795
1.70459818	1.98718167	2.62608282	2.82297333	2.41656964	1.84623671	2.59670063
1.00E-04	1.00E-04	1.00E-04	0.08077779	1.00E-04	1.00E-04	1.00E-04
0.88781142	0.9106982	1.28979813	1.09264425	0.52474525	0.84552825	1.19629562
1.00E-04	1.00E-04	0.07042893	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.46480812	1.66899322	1.56928436	1.00E-04	2.06074394	1.68831908
2.77456942	2.54508493	2.50898898	2.73968588	2.49706377	3.1843022	2.27863209
3.31412752	3.21144391	2.99597108	3.04564321	3.67380097	3.4796873	3.33394376
2.84010797	3.14008743	3.1194134	3.16315191	2.87677114	2.69498007	2.67720492
2.48292005	2.85333087	3.170635	3.29021956	2.17248204	3.05221404	3.19207724
5.0245512	5.03090501	4.72335144	4.73634431	4.75668235	4.49887128	4.27874853
2.7765675	3.20450332	4.00052388	4.08130981	2.70732816	3.44798224	4.33373895
2.99881619	3.00217537	3.29290977	3.2708573	2.75210164	2.88809978	3.04741391
3.36467569	3.5250495	3.89955529	3.86101585	3.28993284	3.48253054	3.45046738
2.13343461	2.16517418	2.15931292	2.21977161	2.35291227	2.07794913	2.23244717
5.39814177	5.53543683	5.37911359	5.3381338	5.50632689	5.39652099	5.32446608
2.46126515	2.44860543	2.26306865	2.51427536	2.96161393	2.84543794	1.98375002
3.46582255	3.83465301	3.50637388	3.6287574	3.85643066	4.12873498	4.00971312
2.62687557	2.66291411	2.20371593	2.25356546	2.62072271	2.48329809	2.00427118
3.639767	3.92138326	3.7493734	3.78628876	4.04345658	4.44406339	4.2392296
1.00E-04	0.30676823	0.11630015	0.04978324	1.00E-04	1.00E-04	1.00E-04
4.16268433	4.39866677	4.00104981	3.98112063	4.31164265	4.4599645	3.86157486
5.35119468	5.59359315	5.14718467	5.07957843	5.2255143	5.54259537	4.99760354
3.52137884	3.56510184	2.96557916	2.87533548	3.04110307	3.39679208	2.65836668
2.03020303	1.88402196	1.70203762	1.52769677	2.35882567	2.54214574	1.52760954
2.23806762	2.54222691	2.51851624	2.53502395	2.10100475	2.14390131	2.16038047
3.39181487	3.54454494	3.38262968	3.30328128	4.21787921	3.99560446	3.563477
2.09978607	2.77523904	2.41587934	2.49775518	2.11930511	1.53325875	2.47218361
2.0249407	2.71723959	2.77618508	2.69149092	2.64973479	2.69285357	3.4292267
3.81604376	4.07311947	4.3534783	4.54252015	3.87468924	3.83679074	4.5118399
0.28044962	0.15184363	0.20998381	0.29981322	1.00E-04	1.00E-04	1.00E-04
2.95815645	3.23915263	2.90133252	2.96031218	3.58593876	3.6646016	2.97484729
2.87534505	3.26101682	3.83391246	3.96461538	2.70135318	2.85707114	3.90801412
1.62502926	2.01827431	2.33205566	2.31394793	1.33841715	1.69438596	2.49167082
0.81008167	1.00E-04	0.40396076	0.38530646	1.00E-04	0.52482646	0.17016891
0.48076703	0.40732995	0.41312109	0.77795889	1.20037102	1.42827618	0.4449101

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.61984684	0.69913864	0.59159015	0.74315279	1.00E-04	0.77231083
0.20887487	0.08572866	0.20107999	0.07397712	1.00E-04	1.51818144	0.20283809
4.04493213	4.15468593	4.04517163	4.17233424	3.37149698	3.45411895	3.17492372
0.99374172	1.79087793	1.05144122	1.06288448	1.42540963	1.23923744	1.14371036
4.73170133	5.08506207	5.75761009	5.8637034	4.15752254	4.67097371	5.55618166
1.00E-04	0.4065663	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05122149	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45804991	1.52873847	1.17883837	1.20588207	0.80036043	1.41062193	0.83885671
3.67395973	3.87337722	4.58305271	4.53694654	3.35868793	3.6724057	4.61752418
2.61583933	3.02362415	2.67719957	2.96692751	2.64200852	2.7245697	2.78093306
2.48122685	3.1241955	2.24907473	2.21479322	3.40477931	2.21278412	2.32085693
3.90086703	4.07877881	3.59969079	3.67090079	4.31738307	4.38106254	4.60160874
3.60555265	3.71880509	3.65129709	3.48700883	4.34897223	4.09840313	3.85154914
5.00197397	5.29879046	4.65010143	4.60515246	4.79213688	5.10725545	4.8625414
5.55356823	5.69872793	5.29764849	5.42330046	5.93921271	6.11465292	5.68106307
5.42935813	5.53157041	5.15889391	5.17134731	5.35220278	5.76808886	5.26979097
2.42791179	2.76855093	2.64934164	2.76266519	2.62945666	2.22211174	2.40811944
5.63152	5.95606671	5.56881095	5.53456035	6.05180061	6.0868274	5.82543419
3.74160123	4.02253283	4.20501859	4.28182046	3.64596962	4.0594902	4.1629481
3.21937164	3.53282709	3.60793944	3.64044806	3.70955782	3.72705517	3.72924015
3.5441598	3.4253741	3.61267644	3.62059458	4.15913757	4.31292068	4.04914339
3.11713188	3.05535498	3.41401542	3.40843618	2.51842781	2.96678366	3.17642316
3.75835928	3.92243606	3.38091066	3.3837306	3.90438044	3.9273087	3.48408563
3.61608226	3.48814604	3.19909954	3.12643177	3.60905807	3.60591414	3.47308122
1.52757339	1.78879701	1.64640336	1.87689934	1.91855142	2.37387866	1.9056688
3.90721757	4.09262931	3.97432881	3.87837472	4.39428517	4.3136346	4.2532401
1.00E-04	1.00E-04	0.14467678	0.36259747	1.00E-04	1.00E-04	0.42365177
4.04001068	4.27757019	3.97657456	4.23278736	3.87908937	3.71989551	3.5428328
2.15367998	2.59903965	2.14399922	2.26642773	3.04714201	2.71839214	2.74333786
3.18917723	3.32576285	3.30063397	3.45380705	3.27318072	3.79653881	3.70147601
1.15331391	1.34680014	1.92110248	1.47740728	1.00E-04	0.66230597	0.3843398
1.00E-04	1.00E-04	0.04839238	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39544672	1.00E-04	0.32718227	0.15970719	0.50894684	1.00E-04	0.47283504
1.00E-04	0.24976366	1.00E-04	0.0638085	1.00E-04	1.12669189	0.09464396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06006339	0.15634982	1.00E-04	1.00E-04	0.16770769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0520451	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40640669	0.05469304	1.00E-04	0.86174555	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08540138	0.19588042	1.00E-04	1.09420375	0.11565659
1.00E-04	1.00E-04	0.05672527	1.00E-04	1.00E-04	1.00E-04	1.00E-04

5.22096728	5.22649057	4.91450468	4.98742364	4.73069277	4.90779467	4.42304273
4.99351586	5.08246053	4.84107058	4.75475144	4.8843368	5.08212169	4.94388237
4.33615466	4.56257483	4.15941447	3.96256308	5.17610727	5.0867679	4.70144678
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.4114046	3.8718614	3.74865756	3.91608937	3.30165675	3.94751762	3.80100529
4.00195125	4.3370374	3.89281365	3.91946867	3.97224797	4.21385268	3.93860477
2.06358389	2.34095917	2.3880362	2.49547948	1.56724973	1.92810794	2.51495816
5.33944517	5.48811675	5.40845103	5.41819622	5.17830712	5.29739203	5.14469424
2.27694214	2.46284037	3.19916829	3.19630551	2.18581104	2.42084395	2.98868671
1.70998976	2.03375159	2.21985882	2.29539068	1.85295084	2.48205876	2.21352359
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.17438062	5.39945223	5.09862452	4.95990777	5.58037476	5.83047048	5.30713443
3.29588007	3.51159177	3.29064152	3.06795816	2.87961608	3.06312566	2.8744694
3.10976266	3.03620684	3.07309637	3.11015339	2.50225051	2.29930601	2.79870717
4.12258452	4.35189393	4.82409314	4.81589848	3.26634551	3.61478949	3.73362856
1.54709433	2.20671306	1.34361373	1.79923446	3.53786526	3.38428154	3.20297056
2.38037434	2.29492409	2.44567483	2.59409646	2.54273758	2.66157458	2.49221388
3.6573642	3.82889591	3.37939527	3.44841894	5.54201047	5.58377751	5.16845818
4.42470327	4.53985555	4.19900725	4.17912865	4.41591516	4.44245641	4.27828753
1.5976142	1.48352153	1.16020804	1.26613197	4.35961633	3.27733321	3.27289894
2.29351156	2.47317448	2.51685362	2.49355882	1.50735141	2.01274321	2.72704124
3.09947911	3.2090189	2.69527385	2.98239644	3.24608524	3.34691316	2.8928367
1.76143621	2.22462577	2.06243911	2.28602245	1.61225454	2.71074778	2.49266328
3.2368989	3.49553981	3.48646666	3.48528024	2.98506699	3.4457951	3.43576838
5.37840495	5.30618484	4.92407634	4.7942157	5.95821207	5.81221785	5.37107014
4.00597321	3.96759753	3.76285612	3.6923959	2.16943053	3.17452433	2.9021472
4.38958192	4.4113679	4.09488535	4.11392413	4.48457097	4.74345088	4.44207551
0.27519759	1.00E-04	0.04466398	0.19783836	1.00E-04	1.00E-04	0.49683657
2.69075135	3.51200176	3.00398092	3.00496552	2.58571051	3.21231171	3.46778835
4.67703388	4.78961434	4.56545549	4.45674782	3.1138344	2.74721982	3.01493211
0.78163974	0.60710336	0.66568965	0.90497564	0.40674922	0.94296055	1.4845118
3.49137102	3.79645004	3.30088299	3.1653438	2.41335239	3.06948712	2.57075856
0.5500117	1.08507863	0.43973506	0.37513595	2.82516461	2.84195914	2.23662172
2.97410841	2.87078398	2.55836474	2.62540118	3.26462447	2.96942111	3.80368466
6.4819865	6.58805614	6.13264647	6.06719391	7.19194235	7.26091141	6.75650053
1.53971134	1.71473263	1.97150261	1.92529444	1.00E-04	0.94972867	2.02600573
2.26051577	2.23117967	1.71907299	1.95295327	6.44874712	5.7112829	5.16185443
0.34569211	0.78118562	0.35912929	0.40098668	1.00E-04	0.77486445	0.79855558
1.5306612	2.30358995	1.83220282	1.69245178	6.61297807	6.64338186	6.28386338
3.74830217	3.82633362	3.50303252	3.58007058	3.55146394	3.5887116	3.2948581
4.11636013	4.10258052	4.01486478	4.11607211	3.84095228	4.15271735	3.79464618
2.7929644	3.26170042	3.67109025	3.83239887	1.51967163	2.57046294	3.13085722
2.95986377	3.48721938	4.20993659	4.18912588	2.72331479	2.53140848	3.24053382

2.01695166	1.95155732	2.12328615	2.27081191	1.0891996	2.27048846	1.76673936
4.13371992	4.25830819	3.71588038	3.67607172	3.89285071	3.8481709	3.3665696
4.27765377	4.21418587	3.92426471	3.89128977	4.05059187	4.4665901	3.72669251
2.01375609	2.33546895	2.20897129	2.23640374	2.3863125	2.75268888	2.47841801
4.45433524	4.64931088	4.04600672	4.08960696	4.50178345	4.75080875	4.42009014
4.05148364	4.24128184	3.82748919	3.87582746	4.19186525	4.58932128	4.00221588
0.80607193	0.99265597	1.13979972	0.99817823	0.24496797	1.27697351	0.53947675
5.27059433	5.22568886	4.78987366	4.72627341	5.14497076	5.2666959	4.72285596
6.02069537	6.23901859	5.83113217	5.77630224	6.3416711	6.39856701	5.99548305
2.44994749	2.20896243	1.0212021	1.32996426	1.00E-04	1.0559139	0.630298
2.37371933	2.28357792	2.29114985	2.34690478	2.36541063	2.20522124	1.89465378
2.29079588	2.69480575	2.53591962	2.73325849	1.48026388	2.59827404	2.63478417
1.86067525	2.36739491	2.35146312	2.48597142	1.00E-04	2.45306359	2.47625835
3.58761808	3.67880391	3.69992528	3.76419074	3.32050321	3.71006805	3.91817762
0.4410793	1.00E-04	0.05305005	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18732166	1.3112434	0.71228394	0.74579442	1.05016597	0.61139607	0.11565659
2.9847448	3.31252332	3.62494806	3.86584125	2.2416196	2.88094843	3.35950378
2.79969758	3.28122309	3.05597194	3.1530577	2.43618604	3.02866072	3.13997735
1.00E-04	1.00E-04	0.3039024	0.20404297	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12696789	0.07153419	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.18886066	1.00E-04	0.09810992	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25994973	0.23802586	1.00E-04	0.8485738	1.00E-04
3.84647175	3.99078339	3.79981128	3.7799289	3.49647175	3.80711465	3.34129615
1.00E-04	0.32418762	0.1335713	0.2041654	1.00E-04	0.26855651	1.00E-04
1.06257561	1.00E-04	1.00E-04	0.29067	0.40674922	1.00E-04	1.00E-04
3.2012507	3.34762073	3.11314121	3.10859329	1.4191881	2.80371291	1.35251231
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03015456	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.98490299	0.74290703	0.98565391	0.86712424	0.39112656	0.33250292
0.77174513	1.15972182	1.4388829	1.52964575	1.00E-04	0.29910931	0.83680184
1.62991365	2.07605109	1.60891374	1.68246012	0.98038503	1.26406945	0.86377678
5.79886086	5.77769647	5.78211217	5.58204538	2.35066278	2.83375256	2.70157782
1.59481914	1.88301582	1.47328724	1.65253273	2.42848935	1.40251472	1.50019046
2.63312318	2.30161333	2.34497078	2.44172037	1.65127274	1.24495171	1.07370947
3.8769302	3.86724426	3.70523135	3.68796229	4.27918886	4.3515851	4.25947477
2.03305581	2.18470733	2.09209331	1.94714615	0.91683963	2.56893355	1.33020937
4.62446281	4.89559327	4.93641042	4.98458423	4.66571459	4.85110231	4.8010075
0.92939602	1.29905137	1.53679014	1.79496459	1.62784797	1.00727794	1.62490181
0.26361328	0.16714916	0.24343765	0.34029065	1.00E-04	0.78008549	1.00E-04
1.08476765	1.63373247	2.10536907	2.16498831	1.58061943	2.30480481	2.32709565
0.57896219	1.40981075	0.42756714	0.39811424	1.00E-04	1.00E-04	1.00E-04
1.16975577	1.1242357	1.54902954	1.1197132	1.19825749	1.34776219	2.28494653

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.04362211	1.00E-04	1.00E-04	1.00E-04
1.82973237	2.04715451	2.73854099	2.68531183	1.74646289	2.03940727	3.02996335
2.48768339	2.68307373	3.29634809	3.04215744	2.06048566	2.75671167	3.93783151
1.33288733	1.13327563	1.43785365	1.64151424	1.46286524	1.33720501	0.93478939
1.97018839	2.1790081	2.17220542	2.12498187	2.63880814	2.23213464	2.69333502
4.50363007	4.57300787	4.19147924	4.15520813	4.67942506	4.94380353	4.42145227
1.00E-04	0.29654504	0.09507315	0.10706334	1.00E-04	0.76366951	1.00E-04
5.99546752	6.11794846	5.74704281	5.6211274	6.22345999	6.32240329	5.97308818
1.00E-04	1.00E-04	1.00E-04	0.08881492	1.00E-04	1.00E-04	1.00E-04
1.43892392	1.3471571	1.61311882	1.66109356	1.0439172	0.31292031	0.20283809
4.91926037	5.09619716	4.52312467	4.50615057	4.57518049	4.87838272	4.10419729
1.00E-04	1.00E-04	0.07731347	0.11619081	1.00E-04	0.13071865	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.48017792	4.68532549	4.72547211	4.68240673	4.66261919	4.94637982	4.63225335
3.03302862	3.22084263	2.84175983	2.92921141	4.27505419	4.15758297	3.85341556
1.96925445	2.50756913	2.03247085	2.1585455	7.70328281	7.40483479	7.08765233
3.80680552	3.43832365	3.31362594	3.67473534	1.00E-04	1.84854411	1.47891062
2.84050459	1.87893604	2.06575588	1.89356142	1.79574093	2.86375001	2.58365509
4.0024097	4.14494071	3.48972201	3.59620919	4.03565872	4.66533036	5.10072857
2.4596509	2.47607199	2.453045	2.61573479	2.49158829	2.28076416	2.28322786
2.37314158	2.41343557	2.12145513	2.48360651	1.00E-04	1.00E-04	1.00E-04
2.38049957	2.6407745	2.65163705	2.74910857	1.56605518	2.30259484	2.15664802
1.00E-04	0.18071897	1.00E-04	0.06044136	1.00E-04	1.00E-04	1.00E-04
2.95570567	3.50007865	3.36292613	3.519903	3.59652889	3.86560927	4.16924993
1.00E-04	1.00E-04	0.04441324	0.09358636	1.00E-04	1.57946759	0.58150918
1.00E-04	1.00E-04	1.00E-04	0.11460462	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22160187	0.1098702	1.00E-04	1.00E-04	1.00E-04
0.40543338	0.11888122	0.95398555	0.63861569	1.00E-04	0.28241755	1.15776536
3.55123384	3.64563568	3.51152092	3.53787927	4.53545113	4.78056876	4.81993419
3.81565402	4.03242834	4.14987611	4.19824373	3.0968384	3.39855204	3.97769637
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23223341	1.00E-04	0.03761309	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.36713988	0.06438759	0.06487499	1.00E-04	0.26855651	1.00E-04
2.97285266	2.93143776	2.85642633	2.65672604	2.39486298	2.95723753	2.71760923
3.84454127	3.72817035	3.56119997	3.53414602	4.14374191	3.92476173	3.85066528
1.16934086	1.53037878	1.37254388	1.64058472	1.00E-04	1.57185324	1.78156084
0.87451088	0.89509186	0.47641093	0.37291051	0.79696744	1.00E-04	0.20964658
1.00137632	1.5410355	1.08625573	1.44129104	0.93955353	0.88457531	2.1717759
1.00E-04	1.00E-04	0.05810404	0.07338458	1.00E-04	0.64238088	1.00E-04
1.06162723	2.06095206	2.21723821	2.09062893	2.04900171	1.13185477	2.55877374
0.62279734	1.67122761	1.3056051	1.07822623	1.00E-04	0.78785471	0.85113262

0.7382493	1.70989423	1.42163995	1.32396437	2.7782614	3.49521796	3.20603954
1.29350075	1.37926668	1.40965831	1.53014727	2.22999523	1.78054072	1.43691965
1.27266324	2.17481391	1.43321959	1.59370155	1.30695208	2.32137347	1.9637149
3.5602496	4.08063685	4.05559042	4.15628968	3.89604711	3.8945865	3.86325418
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.01294012	3.07536836	2.72351051	2.71576623	2.75149018	3.30434058	3.05888285
2.54197531	3.3810994	3.24331786	3.41165243	2.17261054	3.17704906	3.26599584
1.00E-04	1.00E-04	0.08263933	1.00E-04	1.00E-04	1.00E-04	0.4384392
0.45143591	0.25107022	0.15189098	0.04852991	1.00E-04	1.00E-04	1.00E-04
0.26044797	0.40528268	0.2799654	0.60013086	1.00E-04	1.00E-04	0.56747413
1.00E-04	1.00E-04	1.00E-04	0.07928787	1.00E-04	1.00E-04	1.00E-04
4.6879691	4.85425245	4.41297073	4.33985765	4.84938942	4.84743952	4.75340907
1.00E-04	0.13301502	0.20590587	0.06032394	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.05769445	0.0447457	0.10582904	0.55964322	1.00E-04	1.00E-04
4.11151511	4.27463358	3.68657183	3.79738555	4.33112819	4.10817322	3.74388878
0.76382455	0.63156712	0.43739518	0.40135313	0.48823099	0.74135427	0.81035407
1.24338218	1.99778028	1.41009361	1.48022367	0.70354701	0.1839207	0.41062209
0.68672722	0.46210563	0.0872361	0.33112511	0.78234266	0.06695938	0.09760498
2.00974092	1.39729661	1.22645086	1.35125599	2.11492515	1.85537893	1.4800749
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22838714	0.54120654	0.40752015	0.60785447	0.45889659	0.0838544	1.00E-04
1.00E-04	0.14781435	0.66488409	0.7548306	0.69043823	0.63754328	0.45441319
2.36258349	2.11285689	2.11205171	1.6546642	3.50209931	3.92558672	3.5619023
3.12325496	3.06182268	2.74959656	2.86658834	2.25121253	2.80201395	2.06787451
3.40840608	3.28867592	2.94645604	2.9914906	2.82722998	3.5682842	3.23610133
3.23526179	3.3266805	3.59364885	3.54504221	3.44551495	3.58143166	3.97956767
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23766401	1.81609841	1.69144442	1.52886967	2.17447114	2.47870616	1.46684607
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1899163	1.92831924	2.63339724	2.68443276	2.21691475	2.59626975	2.57192813
1.00E-04	0.75413222	0.14892336	0.18151649	1.00E-04	0.4651314	0.78498609
1.31617707	1.76191416	1.53369747	1.59968554	1.13115038	0.64914157	1.10179992
1.62596648	2.06106764	2.21163419	2.28586335	2.36824449	1.85064867	2.24906579
0.44962844	0.2643775	0.34679812	0.24048559	1.00E-04	0.77237537	0.33704286
1.00E-04	1.83276011	1.46977783	1.20431717	1.00E-04	1.18605371	2.41837637
0.23118277	0.62633218	1.34806123	0.868056	1.00E-04	0.73192048	1.25995627
1.00E-04	0.2577966	0.44611661	0.26167112	1.00E-04	1.00E-04	0.13866036
1.00E-04	1.00E-04	0.19439345	0.07729204	1.00E-04	0.36782053	1.00E-04
1.00E-04	0.60832582	0.36675581	0.45899136	1.00E-04	0.45109589	0.07440699
1.74461564	1.6119444	1.92266215	1.86536607	1.46086775	1.78707856	2.03053767
2.13001288	2.93732099	3.11077946	3.13295778	1.00E-04	0.60556515	0.11699513
0.63808413	0.35130946	0.45083133	0.85331342	0.61856275	0.87097425	0.50544489
1.43619547	1.13158213	1.43224471	1.41538393	2.51857108	2.34176942	1.83133863

2.10567207	1.92523358	1.03857428	1.11636305	2.22550141	2.19426958	1.80955776
4.79871437	4.90885936	4.54546029	4.51044422	4.99105485	5.17533324	4.59470596
4.1814294	4.19483598	3.74221527	3.6033316	4.28203493	4.26511253	3.47854728
4.34593172	4.52925576	4.17097955	4.12423123	3.74573144	3.98001249	3.61998215
0.12498368	1.19280357	0.92887467	0.88720472	2.97506759	3.34385889	3.48020388
1.00E-04	1.00E-04	0.10605224	1.00E-04	1.00E-04	1.00E-04	0.15942843
4.86798191	5.13021405	5.1372851	4.7652165	3.76019585	4.13301354	3.90183825
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.7419071	2.990466	2.67875276	2.86750836	3.98902315	3.52328358	3.45965783
1.00E-04	0.3177276	0.39763623	0.40221764	1.00E-04	0.5886213	0.31673793
2.70590916	2.85548985	2.90256659	2.86686744	2.78344907	2.90571492	2.62972814
3.56660665	3.59759801	3.34770545	3.40847956	3.54715726	3.50370274	3.09010365
1.00E-04	0.26122387	0.12580376	0.21670395	1.00E-04	1.00E-04	1.00E-04
0.26830142	0.63178802	0.42086085	0.22077957	0.44085717	0.64161709	0.27658511
3.90289477	4.37649202	4.33633295	4.35905257	3.42599418	3.68599003	3.92759525
3.21022181	3.38532771	3.3061316	3.32884588	4.28808582	4.34992705	4.14432172
4.43088076	4.83535401	4.94468811	4.90498556	4.21694078	4.25394873	4.4766669
1.00E-04	0.16379083	1.00E-04	0.05392275	1.00E-04	1.00E-04	1.00E-04
3.99854288	3.97484105	3.98696907	4.18246324	3.98537347	4.02413143	3.85647231
4.55337235	4.60885205	4.91267948	5.02945286	3.13453868	3.37280901	3.10662276
1.86623522	2.17655	2.48308248	2.32919116	2.03097558	2.59969756	2.59664747
2.57827723	3.19773134	2.6791864	2.88951304	3.33103515	3.66420573	3.30354241
1.64782783	1.42467388	1.03545458	0.73447295	1.33764516	0.10651827	0.64893619
3.69494967	3.69739628	3.52907215	3.6428933	4.13837156	4.10854693	3.89670391
4.04524801	3.94836365	3.77205088	3.38959008	2.39962811	2.5368138	2.08463284
4.71462968	4.88730167	4.45653294	4.24077564	5.44988638	5.43031515	5.03902196
4.52937104	4.37987545	4.03352683	4.10323949	4.56258833	4.63812147	4.05856801
3.13695892	3.45141886	3.06793448	3.22754133	3.29987197	3.72787421	3.31508136
1.00E-04	1.00E-04	0.0325558	0.04628768	1.00E-04	1.00E-04	1.00E-04
0.48734977	0.13353489	0.50653089	0.71197813	1.00E-04	0.74986539	1.00E-04
0.38793155	1.00E-04	0.41726938	0.26563095	0.50894684	0.62075894	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.86085808	2.69691049	3.40344609	2.24361582	4.1301913	4.02187961	4.96114475
0.18249369	1.00E-04	0.06824836	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.79622093	3.79910926	3.40243405	3.33114069	5.52323652	4.42035586	4.46671949
1.92521916	1.45982139	1.2154075	1.28892025	1.51397631	1.10866356	0.95422131
1.00E-04	0.66374215	0.87893937	0.84957696	1.00E-04	1.00E-04	0.38864073
1.56208175	2.386689	2.72120576	2.71971461	1.98635696	2.4491983	2.60206152
2.75622477	2.83074188	3.35748843	3.33987139	2.31693471	1.98279594	2.5059872
0.43340008	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08498923	0.52953105	0.98153407	1.0032715	0.40674922	0.41446661	1.18027225
2.59165063	2.82755641	3.62993539	3.42725705	1.24460056	2.35633633	3.24130764

1.00E-04	1.00E-04	0.08674121	0.06493528	1.00E-04	0.2496013	1.00E-04
1.00E-04	0.0645203	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.969157	1.20529874	1.55161254	1.57678503	0.78479474	1.13296432	0.91017218
0.47996984	0.29498303	0.32870964	0.68709594	0.44340029	0.26054201	0.23648577
0.65513096	1.01982675	0.3979055	0.36106297	0.61305258	1.01610765	0.6862757
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87010786	0.56949891	0.20898679	1.66621721	2.10518272	2.2278991
0.16211754	1.00E-04	0.07728047	0.46389606	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09403907	0.10498592	1.00E-04	0.43964933	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8401863	0.49575572	0.62340441	2.57620686	2.26234929	2.46825511
3.09792497	3.49390393	3.69512315	3.79997	3.24901753	3.46379537	3.81574139
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21834212	0.13657941	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.2590743	0.06413089	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21404326	1.22064346	0.61779066	0.81848237	0.51102197	0.36174581	1.3016906
1.68702645	1.88678767	1.89456615	2.13901272	2.51583692	2.11326343	1.79365806
3.74670494	3.81268088	3.85601185	3.87687971	3.97076852	3.8409815	3.64466517
3.14273434	3.18920522	2.90937003	2.97147098	2.93458073	3.48208338	2.98601445
4.46204874	4.73041872	4.25462956	4.18278093	5.12001369	5.29612725	4.85309742
1.48625943	0.80777944	0.87706715	0.99727135	0.24496797	1.50259146	1.1426956
2.8168767	2.84445379	3.00413291	3.00331653	2.34404356	2.84610773	2.9741667
4.02395093	4.39378128	4.02849007	4.03463478	4.27963095	4.49771151	4.38914706
2.1007015	2.61877591	2.40163248	2.50444099	2.91208985	3.21287134	3.45282967
2.97200877	3.31099186	3.06506089	3.25273997	4.66163713	4.81169347	4.50440344
1.62755269	2.30037319	1.92223756	1.79258044	4.08378	4.57979119	4.06326288
1.00E-04	1.00E-04	0.04529575	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45318895	0.99682821	0.9717487	0.50894684	0.14939575	0.58527055
3.97635801	4.04729133	4.08842696	4.10372889	4.11550991	4.14410792	4.03707279
2.71106536	3.05368378	3.00396616	3.22195294	1.95989098	2.75763303	2.73279144
0.12498368	0.80039392	0.98107604	0.94240203	1.14109713	1.93583178	1.76816579
0.25106737	1.00E-04	0.164625	0.09323115	1.00E-04	1.00E-04	0.72797181
1.3570892	1.94853529	1.89766336	1.99640741	1.97383192	2.021481	2.06619991
1.00E-04	1.00E-04	1.00E-04	0.24454039	1.00E-04	1.00E-04	1.00E-04
4.32684471	4.23682315	3.81248174	3.70034379	4.57676333	3.66628028	3.57741752
2.98913686	2.99980652	3.14762438	3.31959211	2.92571121	2.90434875	2.78535197
2.41305454	2.40821717	2.62090969	2.43292762	2.89024602	2.48912861	3.03710596
1.00E-04	0.40388463	0.26349745	0.61633394	1.00E-04	0.31292031	0.36584878
6.04726295	6.25691121	6.12246882	5.89787533	5.03498126	5.30901074	5.11757247
1.00E-04	1.00E-04	0.10358098	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.34173739	1.92322052	0.73653315	1.0138172	1.00714842	1.24120274	1.2445301
0.90960892	0.61846654	0.87650661	0.97629636	1.69972507	1.00E-04	1.48328424
1.43443951	1.90310501	1.74591331	1.61783232	1.55073352	1.26777777	2.60583792
4.51126144	4.64056301	4.24919782	4.61788568	4.71580934	4.82737102	4.22568456
5.7184983	5.89711764	5.70979067	5.54150317	6.31701254	6.20096124	6.13964885
5.30967467	5.36700088	5.13380077	4.84981512	4.58920463	3.76414527	3.76305923
1.00E-04	0.55402133	0.42345634	0.60365894	1.00E-04	0.91184154	0.18652468
3.10193002	3.31527474	2.92031524	2.9942606	2.9355206	3.57175477	2.93286803
2.46584133	2.56132192	2.52628303	2.35992957	3.58915894	3.79352262	3.29403509
0.55393477	0.25044634	0.23253807	0.43153782	1.00E-04	1.00E-04	0.16770769
2.40350757	2.36879901	2.99419847	2.74843769	2.47354169	2.52807229	3.85819502
1.00E-04	1.00E-04	0.19818546	0.0770151	2.0929419	1.00E-04	0.42381331
1.00E-04	0.28559905	0.12933572	0.25917881	0.96204506	0.68749741	1.26492386
1.00E-04	1.00E-04	0.05663582	0.06430771	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02857543	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0287895	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.81341973	4.07431988	4.3043624	4.48272528	3.20803327	4.15338175	4.21624249
4.16787938	4.49003315	4.28432988	4.23997356	4.19625795	4.44818036	4.31673293
5.35017393	5.51550834	5.05638116	5.02327683	5.67473899	5.83486353	5.32040085
2.22370689	2.416447	2.73374737	2.98228874	1.54018704	2.05773192	2.22467288
0.16882953	0.70706334	0.58105542	0.85952522	1.00E-04	0.95616374	1.5010251
1.91608292	2.56924573	3.1152825	3.20507652	0.77015195	1.6821222	2.93639635
3.31822477	3.69178384	3.81117952	3.89430348	3.46889165	3.42335663	3.53900267
1.69793921	1.84733109	2.3699322	2.37784342	1.29991643	1.83934753	2.02901479
2.16434955	2.49020326	2.94216466	3.2688526	2.54715311	1.48037129	2.82774531
2.74140861	2.7260927	2.83625003	2.73166162	2.43777209	2.97775739	2.314263
2.57213001	2.99021504	3.01150745	3.24843185	2.00238686	2.2374794	2.70730452
2.34188153	2.67928902	2.40516595	2.70677723	2.60443708	1.95557615	2.32332349
2.41179764	2.8272166	3.06376011	3.42152685	2.20493321	2.37774947	2.67894716
0.71541263	0.12645812	1.00E-04	0.39571984	1.00E-04	1.00E-04	0.07440699
2.41529423	2.0898437	2.09007792	2.11246614	2.34336616	2.31236487	2.56631221
1.40182268	1.12516799	0.79493866	0.42193905	1.57283023	1.97940911	1.99890003
1.82928101	1.61925563	1.4503113	1.22786695	1.01493203	1.68168092	1.78622412
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38623632	0.62675605	0.84984444	1.00570804	1.65193386	1.34531763	1.00E-04
1.00E-04	1.00E-04	0.05127031	1.00E-04	0.24496797	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.01324642	0.30842822	0.50982926	1.00E-04	0.66610285	0.23472517
2.62276044	2.24883752	2.21523904	2.17425576	2.58124256	3.02629878	2.5386745
0.44733808	0.5705182	0.63263204	0.6634585	1.00E-04	1.00E-04	1.00E-04
0.19900397	0.17502219	0.36066115	0.69667823	1.00E-04	0.78393008	0.238855
6.26565074	6.4783982	6.12810676	6.0145895	0.48823099	2.65814574	2.99504221
1.6905197	1.7605731	1.26879022	0.96532364	3.52844632	2.76704214	2.1904891

1.93560357	2.56013312	2.38208416	2.67405206	1.54825214	2.75375931	3.11865371
1.00E-04	1.00E-04	0.26446988	0.34873221	1.00E-04	0.92734802	0.68678869
1.09948301	0.99600924	0.89424991	0.99723101	1.5719648	2.00660367	1.52764791
4.06672734	4.15642043	3.94963756	3.85119642	3.92750208	4.16671135	4.05660082
4.90726053	5.07622169	4.72769421	4.73828035	5.02098899	5.22047651	4.93490923
2.13663363	2.22553826	2.72224168	2.79384575	1.87630517	2.05327784	2.53054421
3.58542747	3.6292977	3.72212771	3.71189979	3.32061584	3.66014837	3.42893175
2.03700604	1.68002391	2.6153241	2.68675631	1.54123683	1.5090555	2.76334636
2.56932083	3.1812748	3.37728451	3.47556994	3.10259031	3.38388693	3.75628548
2.16160418	2.32559086	2.42583579	2.53996032	3.20765616	2.60946464	2.72640649
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89324544	1.71678587	1.24534241	1.89611377	1.00E-04	0.85624547	2.25462067
5.2619979	5.44123479	5.25526273	5.34063059	5.07642612	5.22047748	5.14370268
1.85584302	2.04446407	1.26350632	1.53013854	2.37303732	2.67198524	1.93038487
1.00E-04	1.00E-04	0.08258994	0.13964381	1.00E-04	1.00E-04	1.00E-04
2.23082559	2.99161211	2.4053973	2.35143373	3.14774115	3.24732305	2.62837919
0.18746747	0.68357715	0.64104341	0.5218192	0.85927533	1.51918466	0.7815161
1.00E-04	0.84643249	0.40431633	0.43714452	1.00E-04	1.61339655	1.36382421
0.41894292	0.94909793	0.48371332	0.53832678	1.00E-04	0.80383531	0.84026068
0.9252325	1.37645288	1.50975554	1.72807125	1.00E-04	1.19257689	1.34389373
3.41735669	3.70438421	3.67443369	3.65952995	3.26071122	3.49202358	3.5630023
3.69334738	3.7794352	3.70600275	3.94951415	3.71690991	3.76669193	3.90261675
2.89152662	3.24684307	3.37752605	3.66557695	3.0640936	3.12884933	3.91856609
2.35256611	2.57410785	2.9036683	2.39568467	0.67168427	0.23759113	1.14195258
2.74699988	3.25092525	3.79385991	3.83611592	2.34384702	2.63990986	3.33665904
4.11819642	4.39200074	4.31523124	4.36160272	4.2414395	4.36081881	4.18609021
4.16469031	4.04791663	4.34051928	4.27123223	4.10883574	4.24292752	4.23440989
2.90707901	2.400291	2.21384773	3.05879208	1.00786768	2.48167205	1.81472504
2.25249822	3.06887526	2.17247632	2.17450427	3.70397759	3.77623392	3.04112759
1.22322672	1.72235834	1.7137828	1.85090814	1.48218477	2.28128442	1.4096452
1.29586464	0.96845343	1.57490477	1.45978205	2.19664039	2.37732748	2.45496323
0.49180066	1.00E-04	0.12350397	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.31800477	1.71167588	1.85888821	1.81333894	3.30005769	2.86637442	2.286655
0.96562449	1.72346511	1.57368516	2.02026289	0.85819814	2.07530002	2.53501391
1.00E-04	1.00E-04	0.06593912	0.0377743	1.00E-04	1.00E-04	0.16439448
3.396663	3.69556784	3.39883451	3.18624837	2.87878641	2.81855147	3.01392565
0.63158179	1.39249811	0.65425725	0.88935055	1.00E-04	1.04936616	0.713448
1.30367509	1.25776135	1.02823243	1.25294454	0.35750248	0.50458767	0.22681224
0.33133174	0.27779723	0.1672878	0.32128757	1.00E-04	0.87752055	0.32432879
1.00E-04	0.71148931	0.05428125	0.3793493	1.00E-04	1.00E-04	0.21257887
1.59498961	1.51427756	1.67932489	1.85014025	2.33962583	2.3153857	2.10519673
0.88948712	0.85574591	0.60705359	0.78462959	1.00E-04	1.00E-04	0.37130695
1.41673748	1.86868068	1.26181597	1.50642981	2.80129342	2.38869621	2.47979671

3.55206309	3.48037447	4.17511319	4.57609059	3.48479079	3.03417804	3.93317045
1.20836862	1.27962294	1.0353321	0.10987899	1.00E-04	0.26827977	0.4512766
1.7183666	2.19924799	1.61311361	1.76417057	2.23719812	2.67707485	2.27008531
1.9447601	2.4696346	2.94796446	3.25604632	1.8856651	2.02627175	3.23062279
2.43915699	3.16048381	3.77599232	3.96748611	2.57377407	2.62224916	3.71395195
2.31522403	3.09361151	3.99270251	4.09598161	2.00544283	3.17456887	3.95498043
3.11966086	3.42760811	3.81988694	3.81640954	2.45047469	3.40396201	3.70808916
2.23836924	2.86537873	3.17595695	3.17828642	2.17389694	2.52085797	2.96021134
1.99593174	2.06876304	2.40625085	2.43822663	1.79276507	1.58343157	2.44594432
2.57737935	2.91234518	2.80199691	2.98189379	1.99985546	2.46979781	2.77913325
3.86297364	4.15544461	3.69982702	3.76874729	4.16226757	4.19142304	3.91912955
2.52355857	3.04619558	3.50129585	3.39523002	2.74613588	2.25367064	3.47799564
2.59854404	3.18610891	3.08973569	3.12963865	2.53944144	2.66317071	3.08900879
2.55789163	3.13556075	3.23312887	3.38735131	1.95099725	2.46858833	3.20816121
0.74121585	0.911916	1.50926517	1.52960542	1.00E-04	1.36222396	0.87703034
0.36361846	1.00E-04	0.09039892	0.49592892	1.00E-04	1.00E-04	0.25264235
0.26681589	1.00479743	1.3723708	1.01990406	0.75464425	1.02270241	0.82852449
2.35643129	2.70725363	3.23010072	3.38133658	2.04093542	2.56480967	3.32013797
2.43967427	3.14491311	3.23404918	3.31204864	2.58996332	2.95079825	3.53318847
2.25049618	2.22456614	3.10513032	3.4870009	1.52322462	1.09700239	2.47275513
2.22935239	2.90615684	2.3583771	2.32943711	1.72955597	2.23975809	2.98007803
0.66344412	0.4275715	0.12326425	0.20118283	1.00E-04	1.00E-04	1.00E-04
0.5493041	0.60487049	0.22729891	0.2756578	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07494938	1.00E-04	1.00E-04	1.00E-04
0.41714459	0.82509737	0.2047471	0.26837835	1.00E-04	1.00E-04	1.00E-04
1.27981134	1.91961295	1.68815442	1.93017994	1.83263385	1.65630929	2.16054891
4.25867363	4.04542722	3.76993629	3.67538588	4.52760225	4.49161387	3.97803527
1.70649465	1.55117063	2.04065701	2.18403574	1.23702057	1.35446703	2.04393889
2.14852908	2.18299454	2.6373403	2.68934589	2.06562035	2.08298017	2.18502997
2.38728601	2.97483868	2.78178945	2.76061631	2.40375916	2.37073906	2.43394716
2.6016649	2.68842399	2.6774181	2.66417752	2.41894195	3.06731293	2.71293705
2.45127105	2.75186761	2.76024145	1.80694806	0.98026639	1.63282998	1.5966748
2.50133407	2.96291428	2.22421921	2.32980709	2.31039726	2.19210871	2.23220984
0.80992678	0.24300866	1.33549787	1.07710143	0.69043823	1.00E-04	0.96234184
0.75080336	1.01413866	0.70533995	0.995589	1.98135717	2.0047247	1.58963368
2.68927654	2.76480126	2.58541433	2.64482774	1.86961151	2.06318136	1.68724132
0.77407871	0.64592044	0.68412742	0.89018559	1.00E-04	1.4298213	1.05081055
4.10433352	4.26115833	4.83317872	4.76221185	4.31143332	3.95723463	4.95477793
1.00E-04	1.00877442	0.33111617	0.14634183	0.61856275	0.53331117	0.85408366
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84300763	0.68971528	0.87294643	0.77486834	1.45350068	0.33174616	0.72667184
1.70222952	1.66857013	1.99952869	1.70177079	1.74014782	2.26419151	2.22798158
1.71230784	2.59293737	1.93789199	2.13087736	1.52778605	2.41402374	2.34928905

0.36077609	1.24734755	0.7668443	0.27308058	3.88346926	4.1657226	3.74545916
1.31643449	1.08287694	0.70481216	0.8117286	1.00E-04	0.28241755	0.73638278
4.39613927	4.54610968	4.29273843	4.09570998	4.28584186	4.4417601	4.25009757
3.98487489	4.02383967	4.70581754	4.64405474	3.53714627	3.49055026	4.05286008
1.00E-04	1.00E-04	0.06585838	0.26035065	1.00E-04	0.33014878	0.77665319
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.74828064	5.79703395	5.48101797	5.60400138	5.63555094	5.39187622	5.24042851
4.69368858	4.89490923	4.45998137	4.43153261	4.72560485	5.09092633	4.29410113
1.00E-04	1.00E-04	0.0835862	0.35283313	1.30369071	1.00E-04	0.35106062
1.19447243	1.17847684	0.7067633	0.44318479	1.92316912	1.36219287	0.83281263
5.20218634	5.17152566	5.37167184	5.39279373	5.38754966	5.20243112	5.68096788
3.16261769	2.42556527	2.0903086	2.22911945	3.20947249	2.95492263	2.59152532
2.5815293	2.35587152	2.5491988	2.67973961	1.80541654	1.94680379	2.31229469
1.31515656	0.84776172	1.27152781	1.2854793	2.0665013	2.79445308	2.70477539
1.00E-04	1.00E-04	0.28143651	0.10372019	4.06876612	4.090205	4.16863681
1.27839976	2.30415396	2.24488621	1.85645863	1.73355802	2.52810587	3.26970978
0.84424649	1.41973152	1.00604319	0.8117441	1.00E-04	1.00E-04	0.08557164
2.01643547	2.04367889	2.32440482	2.16851095	0.83879487	2.84743473	3.28551161
1.50895191	0.23243317	0.62587447	0.58787443	1.00E-04	1.00E-04	0.90227531
1.60355695	1.55510305	1.63889171	1.81004491	2.81684352	2.59694723	3.0826831
0.24305445	0.2937616	0.23374503	0.03677057	3.67985361	3.63927776	3.15199353
0.43285416	0.32293679	0.80695878	0.27822602	1.00E-04	0.6587759	0.19448026
3.74340183	4.051901	4.89032966	5.00930814	3.66317039	4.0207402	4.87847222
1.00E-04	0.09314185	1.00E-04	1.00E-04	1.00E-04	1.29990221	1.06808629
3.79418194	4.15269248	4.32032946	4.30975114	4.04605736	4.05578017	4.2077898
1.62533045	1.83508058	2.31709414	2.35358463	0.52474525	1.18287921	2.17722723
2.98762488	3.07465426	3.54094307	3.56644464	2.29107959	2.88256606	3.23423487
1.00E-04	1.00E-04	1.00E-04	0.21450882	1.00E-04	1.00E-04	0.24851266
0.47199523	1.07460063	0.88141733	0.83412332	1.85115305	0.83657227	1.56217541
0.25333901	0.86879805	0.68700645	0.89233018	0.42938666	1.27174376	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06548304	1.00E-04	1.00E-04	1.00E-04
0.20534776	0.52111366	0.44235413	0.45485317	1.00E-04	1.00E-04	0.73081418
2.22288588	2.77723568	2.65931913	2.71879362	3.77774774	4.242861	4.094225
0.29026471	1.20641631	0.3952833	0.63534231	0.48823099	0.92257475	0.87521023
0.74686011	1.88478351	1.56978821	1.606552	1.90118422	1.17430845	1.75492349
3.61925808	3.84462216	3.76984342	3.82891382	4.12885472	3.84491212	3.8698658
1.99996685	2.70843078	2.79040887	2.71157987	1.34361819	1.97581574	2.63291165
4.3986774	4.55225058	4.4474445	4.4197536	5.13995628	5.11440144	4.78495251
5.36455986	5.61136659	5.24326025	5.17166617	5.53858766	5.36479024	5.19126547
3.84882583	4.04492514	3.67854071	3.68268752	3.98156473	4.23508145	3.78402085
1.48995708	1.70100809	1.62658007	1.91272388	2.75687367	3.04925969	2.96522288
3.7685784	4.11380303	5.07029461	5.19774624	2.99301286	3.82271894	4.76816055
2.87480291	3.19405402	3.27013344	3.42430008	2.12942365	3.18574693	3.1317757

4.45717437	4.70268712	5.15820177	5.21478571	4.6849811	4.78123946	5.09269101
4.33122565	4.58687387	4.89260363	4.83278578	4.10952509	4.65272316	5.27526214
1.00E-04	1.00E-04	0.43545456	0.26779719	1.00E-04	1.00E-04	1.00E-04
1.13861098	1.00E-04	0.15091923	0.40665954	1.00E-04	1.00E-04	0.86084416
1.00E-04	0.24604477	0.2348367	0.25175108	1.00E-04	1.00E-04	0.16885696
1.00E-04	1.00E-04	0.25347956	0.18818111	1.00E-04	0.62689732	1.00E-04
0.18986072	0.56239621	1.01376786	0.7463361	2.67518414	2.74401356	3.25102594
0.64556749	1.5361737	0.99329552	1.2207085	0.43090184	2.14302523	1.24402628
3.02997778	3.18087193	3.18153143	3.17014135	3.0667588	3.05988414	2.86329855
0.26469911	0.57385611	0.15784291	0.19885163	1.00E-04	1.00E-04	1.00E-04
3.53936785	3.77192052	3.86938551	3.96793048	3.75383609	3.72930368	3.70757392
4.99189647	5.3039959	4.78703872	4.73216919	5.53492175	5.70033527	5.04466012
0.49878655	0.16185034	0.2250478	0.58255127	1.00E-04	0.85088081	0.22577116
3.45713038	3.51152761	2.89197492	2.74803623	5.81353253	6.42508085	5.6184043
3.73072849	4.16388818	4.32679692	4.44260569	3.64444255	3.90233396	3.76170971
0.50881693	0.0839378	0.12782799	0.14590878	1.00E-04	0.33769545	0.38790491
3.91566238	3.71954972	3.45025141	3.55117038	3.43277496	3.57118594	3.30862671
2.94661078	3.05003642	2.32745481	2.4835596	3.43531814	3.35764155	2.8434451
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11491268
1.36812221	1.58417461	1.84871234	1.93001014	1.55513814	1.87978597	1.75493683
1.37224561	2.05899749	2.32597861	2.38504065	1.60949368	1.70434329	2.45304418
4.44423294	4.76612827	4.55587983	4.59891241	4.2127051	4.4227421	4.33235644
3.80903224	3.9229122	4.22538995	4.29063265	3.20657422	3.40955286	3.66970182
3.05290844	3.3654532	4.04343278	3.98907876	2.6003043	2.66004719	3.36859105
2.76989105	3.41605827	3.85569453	3.82670223	2.63486542	3.03347995	3.82245709
3.38351811	3.41254154	3.69158785	3.6405973	3.54817399	3.82496275	3.70695481
1.17438153	1.55408781	1.21145321	1.30827919	2.57592966	2.32400861	2.49140292
3.10769063	3.37444346	3.56664606	3.5423982	2.24361588	3.15773544	3.48732736
2.6940924	2.9267659	2.89860647	2.99412155	4.24691579	4.42004363	4.23639322
3.05743446	3.56866802	4.18910259	4.27391466	2.69951923	3.20411624	3.90697464
1.00E-04	0.30676823	1.00E-04	0.12924099	1.00E-04	1.00E-04	0.23026336
1.00E-04	1.00E-04	0.19369002	0.28097057	1.00E-04	0.48673018	0.24160439
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64265476	1.44124031	2.43298861	2.42020144	1.70492947	2.43200028	2.28262316
0.80678799	1.57026175	1.84432444	1.91895757	0.39382455	0.78160807	2.04317662
2.91402731	2.98801605	2.75470701	2.52313207	2.69482817	2.91428707	2.47625539
1.98330116	2.79168938	2.37665026	2.51533403	1.88920472	3.05482513	2.78807898
3.07397326	3.16270618	2.92200686	2.9876346	2.86926285	2.85485123	2.76336412
2.93410733	2.85564918	3.34830818	3.25300125	3.14694791	2.97336199	3.11470647
2.83751603	2.6596268	3.13926463	3.22835688	2.94416553	2.90340998	3.5765645
2.49487394	2.15649259	2.02036237	2.77487529	2.41953444	1.7824807	1.52501378
2.96957977	3.34006699	3.71066891	3.74239738	1.49357346	2.59090005	3.19900147
2.45088412	2.56362085	3.14073238	3.32767059	1.22871995	2.10424032	2.76012413

0.2375689	0.17185908	1.00E-04	0.06505621	1.00E-04	1.00E-04	0.11565659
1.70899655	1.8364639	2.29807464	2.14061617	1.15456348	1.5510076	2.79410768
0.62650567	0.91261656	0.71125551	0.75673835	1.49580896	1.36378618	1.05066786
2.83423465	3.42537565	2.56314505	2.40473268	4.81895728	4.92664487	4.83930021
1.00E-04	0.28560109	0.25797664	0.19452262	0.74910948	1.00E-04	1.00E-04
2.54120322	2.89074909	2.89984517	3.16863805	2.82200112	2.92743495	2.64465123
2.6560124	2.68651851	2.38322232	2.31071781	2.79534692	2.7494815	2.58950506
0.5080602	1.5770115	1.90911369	1.55788718	1.00E-04	0.89580677	2.46889252
1.00E-04	1.00E-04	1.00E-04	0.07940053	1.00E-04	1.00E-04	1.00E-04
4.69491947	4.96090523	4.36606338	4.27632196	4.49592888	5.12213505	3.89234921
1.00E-04	1.00E-04	0.05455651	0.22501233	1.00E-04	1.00E-04	1.00E-04
1.96483343	2.70159793	3.43454698	3.61654178	1.98787649	1.83166444	3.10464954
2.46742118	2.70127556	2.8885297	2.91443011	2.37291591	2.32172943	3.19952338
2.77984389	3.1532695	3.14810974	3.31110938	3.27558646	3.14906748	3.1815997
2.57329016	3.05814098	3.29749541	3.40740283	2.95977994	2.75946706	3.0365905
1.08167063	1.90988501	2.04582916	2.07230166	1.85829064	1.18418063	2.13139036
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.64825491	5.80607138	5.36338092	5.23890981	6.50163174	6.88634786	6.31611794
5.59625337	5.73232345	5.44580227	5.37880288	6.38860998	6.69446064	6.26467854
0.38168304	0.58996145	1.00E-04	0.16070454	0.78234266	1.78872228	1.87864219
0.45205893	0.82204999	0.47432961	0.36332876	3.37758011	3.02733026	3.40897211
3.13657073	3.78368911	2.58355263	2.58296989	1.00E-04	0.06695938	0.31673793
1.00E-04	1.08051528	0.29823861	0.07351006	1.00E-04	0.82903137	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38814408	2.88601069	3.53504666	3.82993838	2.36769971	2.93775764	3.53162966
4.49096416	4.71415228	4.28842197	3.92644484	4.6965232	4.92816254	4.29230683
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77431007	1.39902839	1.57528656	1.1535278	0.89394396	0.97436234	1.06556723
0.25333901	1.00E-04	0.56609347	0.22264583	1.00E-04	0.42419997	0.55942246
1.82881178	2.40499583	1.98271986	1.88040854	1.68148354	2.2566584	1.71232677
1.8142376	1.59272154	2.29849781	2.67987246	0.50894684	1.08949654	1.76245278
2.44243964	2.4294955	2.20546017	2.35077835	2.51318738	2.85757761	2.50992365
1.26853023	0.69271363	0.87541057	0.83026447	1.13916447	1.0931275	1.4436146
1.00E-04	1.00E-04	1.00E-04	0.06555985	0.40912496	1.00E-04	0.13866036
3.22175802	3.92128149	4.54661865	4.66131043	2.8560277	2.96716782	4.09342517
2.23834788	2.8050094	3.4376585	3.66031557	1.8932142	2.21739251	3.35506745
3.92281471	4.36598589	5.11939805	5.1634393	3.60099863	3.85861656	4.7570386
3.55080527	3.762079	4.75187417	4.87908216	3.25556739	3.18059254	4.28244523
0.44141946	0.827652	0.66117697	1.30021523	2.02059756	1.49953166	1.25345523
1.71948803	1.17904221	1.67977352	1.60657987	2.10682232	2.31468146	3.26714666
0.78203721	0.92651982	0.71746973	0.91937083	1.00E-04	0.78008549	0.31424664
1.00E-04	1.00E-04	1.00E-04	0.1113717	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03133052	1.00E-04	1.00E-04	0.3841957

3.97216137	4.02046897	4.08996709	4.17833705	4.74938534	5.03381797	4.84293023
0.31291893	0.26760866	0.45813295	0.55370551	1.00E-04	0.35874068	1.00E-04
4.35762461	3.98217519	3.91781541	4.33232781	4.61118299	4.66765611	4.58830439
1.00E-04	1.00E-04	0.24827659	0.14340907	1.00E-04	1.00E-04	0.29688924
1.24140492	1.82841128	1.87774643	2.23821471	0.71780374	0.89683301	1.13153012
3.44887875	3.86303677	4.59304327	4.81244026	2.99994514	3.61607981	4.3332441
1.59803034	2.09710612	2.2333826	2.20511281	2.21382204	2.07254496	1.98483553
3.68628105	4.01772285	3.7422362	3.65601799	3.24685139	4.04048743	3.56347152
1.71149497	2.42252899	2.11440744	1.75984094	3.73650769	4.24900088	3.48716747
4.88961507	5.12097237	4.67330484	4.74757676	4.55011359	5.04501639	4.57366866
4.01487207	3.95612732	3.94908817	4.01683018	3.99867841	4.39596806	4.1778493
3.27322909	3.45358041	4.1076179	4.27265853	3.17396805	3.48723378	4.1186868
1.6193913	2.02826826	2.30456471	2.31914701	1.29861266	2.41900921	2.09151185
3.28206981	3.27419554	3.11165232	3.28645343	3.19497917	3.47409204	3.22632609
0.38467718	0.21322755	0.07431027	0.05505936	1.00E-04	0.39240942	1.00E-04
0.62662985	0.07961512	0.09260027	0.07367193	0.48823099	1.13122959	1.08399413
2.25376543	2.31258774	2.57944512	2.65596948	1.93467391	2.77519247	3.0098021
2.11267851	1.86961839	1.64615748	1.96167505	3.45021611	3.29972862	2.8605914
1.00E-04	0.16023425	0.1735064	0.09540208	1.00E-04	1.24464161	1.46065414
2.64659473	3.13624908	3.29204058	3.32365362	1.33528402	1.86480123	2.7253225
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38546414	2.02966967	2.04546563	2.50568131	3.38385077	2.70928564	2.3173275
0.84073291	0.22461822	1.09427881	1.22100997	1.00E-04	1.00E-04	1.3766547
0.10114823	0.99686905	1.23795798	1.39263347	1.00E-04	0.70498173	1.88729728
1.52269611	1.26662726	1.84649879	2.10941589	1.37783112	0.91182151	0.79737663
1.00E-04	1.00E-04	0.08143965	0.12706763	1.00E-04	1.00E-04	0.37440717
0.25385769	0.28780663	0.35200328	0.33816695	1.71160532	1.1496256	0.59315408
2.54912841	2.92785339	3.16503875	3.2935527	2.15527101	2.67032158	3.26390478
2.39710224	2.63254933	3.23429306	3.35265143	1.62334587	1.61497246	2.71431618
5.18492135	5.24349559	4.7350834	4.5183551	4.53374544	4.28565346	3.93790922
1.19502264	1.73982029	1.3610793	1.4515077	1.99870079	2.43555799	2.40405453
3.30844158	3.54701652	3.50272555	3.49705737	2.98118473	3.09295288	3.38977872
0.28742455	0.45010103	0.32884875	0.54155213	1.00E-04	1.00E-04	0.8141325
2.89871229	2.98921343	2.36944634	2.45398845	3.97021696	3.34246311	2.81357508
2.79821328	2.98197402	2.66168361	2.79072351	2.74738211	2.45054925	2.37732079
0.41225398	0.38025476	1.48001596	1.44753244	1.00E-04	0.80961827	0.82286377
1.828752	1.94996629	2.10537611	2.11538956	1.64368682	1.2822028	1.72360635
1.14329771	0.75978459	1.49479426	1.73345465	0.60156552	0.74806442	0.54946802
1.19815788	1.83809207	2.45345714	2.68956007	1.45398161	1.55476302	1.82548424
2.29349478	2.7891727	2.65194318	2.79270853	2.05984282	2.73042108	2.32656787
1.78644987	1.82890671	2.19201877	2.28222194	0.95680528	2.51448715	2.47274882
1.00E-04	1.00E-04	0.19470359	0.10780061	1.00E-04	1.00E-04	0.33211157
0.382527	0.17949903	0.97893839	0.8729445	1.32457871	0.11293056	1.11788144

2.75145857	2.68310384	2.61797578	2.84580746	3.09459772	3.35874403	2.59345172
1.00E-04	1.00E-04	1.00E-04	0.10325186	1.00E-04	1.00E-04	1.00E-04
0.28944058	1.00E-04	0.05988952	0.10511913	1.00E-04	1.00E-04	1.00E-04
1.87003354	2.03978959	2.14450117	2.14490447	2.012918	0.88195943	2.55549113
1.00E-04	1.00E-04	0.31147787	0.147153	1.00E-04	0.40179705	1.00E-04
1.00E-04	1.00E-04	0.20621147	0.33507573	1.00E-04	1.00E-04	1.00E-04
1.69643328	1.64457118	1.21605219	1.47219531	0.58111696	1.50282436	1.17582643
0.39948227	0.22776225	0.06087913	1.00E-04	1.00E-04	1.06359142	0.14635168
1.87473758	2.50055547	3.12911485	3.23381873	1.45583928	1.76305699	2.93555443
1.36419484	1.39295853	1.99129657	2.38352207	0.77042044	0.95979798	0.63089365
1.32578136	2.13462606	2.59308485	2.9461444	1.86697465	2.30786784	3.33738565
3.36496447	3.26316511	3.23601257	3.01277718	3.38535164	3.63954175	3.09138609
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.60303132	2.89208267	3.60417649	3.8365271	2.26937522	2.67962651	3.47961247
3.09063507	3.09423502	2.76480087	3.02196794	2.72610221	2.97409343	3.10658946
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4379604	1.00E-04
1.00E-04	0.2178767	0.25648055	0.11811356	1.00E-04	0.14939575	1.00E-04
0.56317756	0.57155762	0.62182061	0.55657387	1.00E-04	1.00E-04	1.00E-04
2.90457803	2.88345024	3.09073949	3.01607676	2.61976903	2.75005212	2.58753076
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16732923	2.54463416	3.07649002	3.30183702	1.50594492	2.1584115	2.70620214
1.00E-04	0.33240313	0.53481893	0.35981207	0.61305258	1.00E-04	0.92405209
1.72937813	1.98820125	2.50339748	2.69929463	2.57557274	1.49330369	2.6314874
3.8457292	4.19873657	5.04622846	5.15023162	2.76538312	3.45376187	4.64163204
1.33809743	1.84455802	2.1020217	2.24014048	2.3376975	1.96658466	2.2785011
1.00E-04	0.32716234	0.36243738	0.27354257	1.00E-04	0.66154645	1.00E-04
2.44048252	3.10027079	3.1065069	3.3379963	2.90560871	2.84582848	2.72204836
1.83647801	2.42128234	2.76016747	2.96534024	1.83024154	2.14860739	2.67350528
0.37525907	0.30648765	0.29990523	0.35053758	1.00E-04	0.57577492	0.54870974
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02665359	2.52648758	2.34895974	2.47741923	3.38997677	2.61747199	2.33800201
3.0335432	3.51516044	3.95784531	4.05054108	2.4546823	2.57365623	3.50467446
0.9962013	1.89221034	1.51733892	1.37827719	2.42727262	2.47827356	2.77203726
0.56766412	2.17152797	1.19694676	1.40543404	1.87185466	2.24945376	1.76324289
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41230838	2.68695348	2.4758998	2.73108496	2.12376454	2.62046957	2.88226177
1.00E-04	0.16023425	0.03177517	0.0682497	1.62126687	0.47294151	1.00E-04
0.7954228	1.15069875	0.82727971	0.66837036	0.44157893	0.99119847	1.56429218
1.45407305	2.01466488	1.60243833	1.97104098	1.29874135	1.84038946	1.52910804
2.64594928	2.95029176	3.73450214	3.86683416	1.14414405	2.41356781	3.26786611
3.44510697	3.91672421	3.14088605	3.19145425	4.1408446	4.08343696	3.89402466
3.45956318	3.60963553	3.54731829	3.7888253	3.75672653	4.00123722	3.92829695
4.1764424	4.3295672	4.76465889	4.89371443	4.91684479	4.95677677	5.10635379

0.52350071	0.86779163	0.89550365	0.78682871	1.00E-04	1.00E-04	1.00E-04
4.56971913	4.7306877	4.41314797	4.39570005	4.64792742	4.82799068	4.46358514
0.29138726	1.00E-04	0.32556819	0.37818637	1.00E-04	1.00E-04	0.22022852
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.83682134	4.15321481	4.10912624	3.99968521	4.00411948	4.32512389	4.19667798
1.00E-04	1.00E-04	1.00E-04	0.18768602	1.00E-04	1.00E-04	1.00E-04
1.44955274	1.72506054	1.73120713	2.03538075	2.06477688	1.23648563	2.21123118
0.47878428	0.71410711	1.54684997	1.90550361	0.54828133	0.75069218	1.76360111
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05655222	1.00E-04	1.00E-04	1.00E-04
0.81631485	1.05974124	1.36939158	1.29526072	0.40912496	1.85842104	1.98519303
0.34058254	0.70091835	0.64229962	0.79125832	0.75914029	1.34421867	0.38199386
1.74426955	2.11408135	1.9413526	2.28675597	1.00E-04	1.14219041	0.20283809
1.77130893	2.24459277	2.98937543	2.97599823	2.3652853	2.4596309	3.18956667
3.25899559	3.67783184	4.69495551	4.78725852	2.52996018	3.05360704	4.42431483
3.78318018	4.26390871	4.16637597	4.30538869	3.79314961	4.29129997	4.2297814
1.00E-04	0.28503483	0.21362444	0.08137623	1.00E-04	1.00E-04	0.2128255
3.61821117	3.52986339	3.30828759	3.47366205	3.53785486	3.88779739	3.87831673
1.00E-04	1.00E-04	0.02155371	0.05469304	1.00E-04	1.00E-04	1.00E-04
2.3771575	2.27096266	2.55996428	2.5360651	2.652906	2.534752	2.56339889
0.2256293	0.75036112	0.66660963	0.58623549	0.38488463	0.82354224	0.8703982
0.4547528	1.00E-04	0.34303993	0.39819563	0.41241033	1.00E-04	1.00E-04
2.53579826	1.85547819	2.0838536	2.15923641	2.56205251	1.83340196	2.00156606
1.42519416	2.1769611	1.98153469	2.19727426	4.61915699	4.2036904	3.9157512
1.96773359	2.36235968	2.04397127	1.95346687	2.68344082	2.548986	2.21411054
1.00E-04	1.00E-04	1.00E-04	0.09605209	1.00E-04	1.00E-04	1.00E-04
0.47451689	1.13663153	0.50308962	0.62494956	1.00E-04	0.79099293	1.00E-04
2.64167147	2.33180487	2.35215308	2.79838384	3.96985611	4.09461449	4.05729389
1.00E-04	1.00E-04	0.19560775	0.12929496	1.00E-04	0.0838544	1.00E-04
3.98660692	4.02046204	4.00648776	4.141577	3.44978148	3.22351936	3.59243155
1.00E-04	0.27012088	0.21012394	0.18841478	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.15767483	3.32447891	3.2619727	3.17281054	3.63733867	3.62704294	3.40408105
1.00E-04	1.00E-04	0.05726284	1.00E-04	1.00E-04	0.35621081	1.00E-04
1.88917337	2.28337538	3.07001317	3.21376978	1.42771864	2.19680643	2.72761408
1.00E-04	1.00E-04	0.38138962	0.24459952	1.00E-04	0.14939575	0.43622216
1.14274108	2.05633851	1.987172	1.97252796	2.42506289	2.83736216	2.86908109
3.37797271	3.75825255	3.26366122	3.2430706	4.49871908	4.3892266	4.17615203
2.76158893	2.80332692	2.77356942	2.75456271	3.21197958	3.0074665	3.07042213
2.68947638	2.8454992	2.75423867	2.92656711	3.26653431	3.35455656	3.36860729
0.41830592	1.00E-04	0.22432851	0.32501813	1.00E-04	1.00E-04	1.00E-04
1.66554054	1.81493408	1.76080025	1.67233413	0.64207654	2.11775292	1.9702047
3.52668565	3.49408599	3.62923681	3.6965761	3.9441516	3.759664	3.47256402

1.74153311	1.92427518	2.67669895	2.90217677	1.4815371	2.59590807	3.16337579
3.98744602	4.07606289	4.15333241	4.31087406	2.9473095	3.1957246	3.31969056
1.46866565	1.54089315	1.16343741	1.03941486	1.59022705	2.00078984	1.83262035
0.35757121	1.00E-04	0.34616691	0.13254888	0.91860094	1.00E-04	0.18652468
1.00E-04	1.46096164	1.2158705	1.10891736	0.67796946	1.32214174	0.09760498
1.00E-04	1.00E-04	0.06423811	0.2344859	1.00E-04	0.60986383	0.50814514
4.18080106	4.62575194	5.08137844	5.02798979	3.29545319	3.9347927	4.55005959
2.78457639	3.17309057	3.2960989	3.41036011	3.23678644	3.2177472	3.36591888
1.42529248	1.85588208	1.82654649	1.88275483	1.81473684	2.52825227	2.73148139
1.00E-04	0.3819845	1.00E-04	0.30715944	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29532603	0.72972157	0.26811239	1.00E-04	0.27052208	1.6516655
2.33333341	2.91997881	2.53022561	2.67054733	2.19058756	2.51640268	2.51213649
0.3520318	0.19453493	0.18610227	0.10751907	1.00E-04	0.1982747	0.15149617
1.00E-04	0.16684567	0.12218024	0.12484818	0.43090184	0.77024585	0.84385465
3.89221521	4.66562967	5.27600453	5.33337755	3.02438442	4.03399539	4.78013075
1.00E-04	1.00E-04	0.07228035	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.00854364	2.5739842	3.03286696	3.43724249	2.07154265	2.21723892	3.479864
1.00E-04	1.00E-04	0.12285999	0.19199595	1.00E-04	1.00E-04	1.00E-04
3.04115533	3.36564728	2.76494362	2.74454131	3.82334396	3.87810078	3.874793
1.83300142	2.30278247	2.2263042	2.1713043	2.50684438	2.6885018	2.83710447
2.26833488	2.0789627	2.13582159	2.07235475	2.74176927	2.37624103	2.1315775
1.00E-04	1.00E-04	0.16685821	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.57814906	2.70265708	2.48334728	2.76801708	3.36125392	3.6146088	3.08492038
3.77042982	3.88119119	3.5506627	3.67332712	2.73740064	2.8980172	3.26551685
2.70256937	3.13440258	2.89563818	2.7216154	2.44301999	3.26064246	2.94925438
2.5665676	2.86834786	2.63756136	2.97338311	2.57334168	2.62749858	3.42749941
1.14344868	1.63169774	2.05183793	2.14170185	1.83968271	1.53688522	2.08459814
1.88071229	2.38356046	3.00835237	3.18411365	1.72201438	2.20349277	3.03704417
4.40309679	4.41334448	4.35059871	4.19883004	0.7666052	1.3503054	1.82885218
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50683628	0.51439247	1.13860852	0.80708881	0.45086753	0.99086127	0.1313165
2.78922646	2.96835958	3.06164458	3.11836862	2.77915825	2.87193627	3.10330405
1.34293568	0.94378052	1.31574289	1.33430167	0.74462267	1.00E-04	0.46740279
0.2678044	0.96713912	0.19561065	0.29296405	0.39382455	0.53215801	1.00E-04
0.5297796	1.92056381	1.72530814	1.50465258	1.54537153	1.46228468	2.31948413
0.92319863	0.93444519	0.68875863	0.61507488	1.03340305	0.98167694	0.8487212
5.0813933	5.31795169	4.91847713	4.87461524	4.83492266	5.10854665	4.73914318
4.93468426	4.94753603	4.6477622	4.71009295	5.02379808	5.02903477	4.56267869
1.00E-04	0.90883599	0.18091156	0.21277417	1.00E-04	0.54610205	0.62751962
1.00E-04	1.00E-04	1.00E-04	0.08709825	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09842103	1.00E-04	1.00E-04	1.00E-04

2.28821037	2.62223286	2.58284169	2.8475722	3.20117121	3.0993499	3.41170345
0.74674962	1.07850848	0.55329887	0.48590047	1.94160027	1.64151284	1.42094945
2.03065166	2.11687688	2.4815801	2.49062757	2.02729941	1.94174442	2.40484461
0.93203409	1.30389584	1.74006992	1.83865363	1.69972507	2.01820401	2.26776399
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.40888754	2.7445499	2.53495336	2.83486087	2.91675831	3.01076088	3.46473006
1.00E-04	0.1514274	0.32815213	0.18316257	1.00E-04	0.1839207	0.42805167
1.72816801	2.0725977	2.44396942	2.6158581	1.55368021	2.13027971	2.83058025
1.00E-04	1.00E-04	0.56533157	0.63928346	1.00E-04	1.00E-04	2.03884966
1.58609806	1.36046985	2.77637791	2.91488849	2.24494861	2.38996928	2.75638418
2.9056158	3.14188312	3.52584328	3.65329038	2.38144551	2.84797998	3.34814982
4.18869103	4.18988692	3.97927834	3.89635254	4.05675407	4.26996782	3.94583972
1.00E-04	1.00E-04	0.09648493	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08220622	0.03781006	1.00E-04	1.00E-04	0.1989351
1.83418306	1.65967456	2.56647518	1.76596187	1.00E-04	1.00E-04	1.00E-04
0.53938578	0.43271773	0.28251806	0.40078643	0.30780692	1.1729248	1.03700636
1.29189141	1.40155654	1.8609494	1.85804924	3.2155323	3.12064676	2.63695917
0.43516231	0.99274387	0.44974698	0.50192771	1.00E-04	0.13071865	1.00E-04
3.42300462	3.78305954	3.53668819	3.66546045	4.14491656	4.07716472	3.92398524
4.93267658	5.15981739	5.03531899	5.08170028	4.67805062	4.74604535	4.92235255
1.58284128	1.4004213	0.93541368	1.05451726	0.85330615	1.09731334	0.11188224
4.42814768	4.3740546	4.44793269	4.56081913	4.25621571	4.12969375	4.14963012
1.07045148	0.60264053	0.47783474	0.5270615	1.82894024	1.00E-04	0.42746395
1.00E-04	0.29532603	0.12422947	1.00E-04	1.00E-04	0.38831064	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38488463	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09438466	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2815457	0.64161497	0.05145667	0.0299092	0.86712424	0.27972467	0.37001647
0.98926775	0.44071935	0.39774689	0.35869248	1.23058514	1.13674901	0.60552054
1.00E-04	1.00E-04	0.05139767	0.09852054	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.21506032	0.31940929	0.27529105	1.00E-04	1.0472985	1.00E-04
0.38339391	0.53028886	0.06710734	0.29405609	1.00E-04	0.72336544	1.00E-04
1.00E-04	1.00E-04	0.10225385	0.37037599	1.00E-04	0.40964722	1.00E-04
1.00E-04	0.37858568	0.36681489	0.35898956	1.00E-04	0.42962323	0.71559415
1.07669491	1.68315911	0.6004005	0.65490348	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11680655	0.23799107	1.00E-04	0.85111946	1.00E-04
0.82942856	0.93841733	0.97182697	1.11006962	1.07230178	1.48449656	1.4967527
6.29148777	6.67079611	7.49133797	7.70017242	5.32629306	6.12207363	7.33305784
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.98364285	2.19308046	3.37248039	3.49346542	0.87513178	1.15087413	2.61085673
7.31018213	7.75442756	8.73911939	8.89330705	6.78989744	7.36648453	8.68026413
0.77411195	1.03228951	0.48257219	0.39176963	4.06893662	3.9001418	3.77257987

5.30929102	5.37110036	4.8070526	4.74495314	4.50429784	3.88684685	3.95171245
3.12090449	3.46601807	2.99037391	2.92853781	2.99690545	3.0733548	3.2532961
3.46388565	3.74912085	3.23264011	3.22860965	3.27472166	3.4019861	2.88474599
2.41037561	2.98935873	3.61628416	3.59854039	2.7413792	2.45890777	3.43667005
1.73861921	1.6718806	2.20648946	2.31192463	1.04857527	2.34464277	2.2167654
3.60598256	3.66860913	3.89521943	3.89491877	3.08980514	3.59584162	3.72288599
1.8898824	2.48875275	2.19093233	2.19169549	2.80332532	2.50402924	2.85222653
4.16175997	4.27186077	4.10449895	4.1979283	4.31082381	4.40369127	4.259623
4.25015475	4.15902256	4.1217849	4.28562692	3.7439116	3.87457523	3.81475027
1.00E-04	0.06317611	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.84993059	4.01141969	4.25207679	4.2583195	4.07979969	3.51605819	4.42378145
1.47135649	1.00612062	1.1521259	0.84730329	1.00E-04	0.46972008	1.04342933
0.8262793	0.95953013	1.1613667	1.3497035	2.24622756	1.59229141	2.17576215
4.77518735	5.51449831	5.52710825	4.36659405	3.57417001	4.03185947	4.38040432
1.00E-04	0.37399052	0.09328131	0.13239466	1.00E-04	0.23861232	1.00E-04
5.5303572	5.8202655	5.6816062	5.812846	5.97797194	6.53297092	6.08721771
1.77275873	2.32015716	2.164609	2.18180408	1.46894748	1.884272	2.13423009
1.39652935	1.78752653	2.67732637	2.57058459	1.6407131	1.70955096	2.8954164
1.57837123	0.82639467	1.83826411	1.50862553	1.00E-04	2.02567372	1.77563132
3.27416993	3.4680167	2.71311771	3.21058827	3.31924524	3.33332155	3.07594682
3.67278054	3.71792178	3.2035862	3.35616097	3.680147	3.77545058	4.0827954
0.20935268	1.00E-04	0.15425078	0.20928851	1.00E-04	1.00E-04	1.00E-04
4.47576562	4.57537149	4.14225743	4.14031484	3.79310262	4.06972868	3.67022408
1.00E-04	0.45438066	0.0502925	0.12643511	1.14760052	0.87749719	1.00E-04
1.00E-04	0.06620305	0.06790371	0.04394444	1.00E-04	1.00E-04	1.00E-04
1.79598424	2.16358	2.40147729	2.68590547	1.2723012	1.1899538	2.73170445
0.23936956	0.31732619	0.17271945	0.29217635	5.02893861	5.29373322	5.27939144
1.00E-04	1.00E-04	0.12425766	1.00E-04	3.03900583	3.16302491	3.00786408
1.80043128	1.11900713	1.94722927	1.83274433	1.87840314	1.53215219	1.36069126
1.00E-04	0.51181638	0.30413651	0.05832239	1.55466413	2.86551798	3.2119445
2.15707199	2.87434298	2.42005954	3.0541457	1.01601106	1.36600093	0.44886057
1.00E-04	0.93711602	0.64091591	0.7448596	0.74365793	1.57981503	0.66911735
3.10496201	3.03524507	3.38843212	3.34494123	0.82056047	1.75356188	2.32532793
5.21066954	5.39970099	5.19206196	5.31290886	4.26665887	4.0656679	3.91529731
1.9549835	2.50470251	1.87902681	1.83038366	3.15122461	3.18426115	3.11468408
4.10563036	3.86246212	3.68745284	3.72808211	1.4456804	0.74899255	0.97650669
1.73781619	2.26525238	1.89424187	2.69599784	1.00E-04	0.56435897	1.00E-04
0.63200991	0.45810704	0.26596891	0.0697689	1.67258514	1.2601862	1.00E-04
1.58326011	1.12058546	1.19596499	1.34755866	3.7227945	3.40630502	2.38740544
1.29910006	1.20174529	0.72627124	1.05523383	2.03225127	1.51597217	0.56568473
3.85088171	3.96532478	4.2000748	4.75854996	1.00E-04	1.45569215	1.87304112
1.23839551	1.38072165	0.65662113	0.86961679	3.66771178	3.97600211	3.56271405
2.73199036	2.92254665	3.2770337	3.47817819	3.36584554	3.21857078	3.79380065

2.39533258	3.22417392	3.3288305	3.0654603	3.40290832	3.04388509	4.06247801
3.58626637	3.46920686	3.5428997	3.43942325	2.40601576	3.03927966	3.4747841
2.73203475	3.01890113	3.28130814	3.56616319	1.00E-04	1.00E-04	1.14237127
1.00E-04	1.00E-04	0.16912653	0.17690661	1.00E-04	0.55707341	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.26536531	5.31531063	4.9677518	4.93089514	5.38454827	5.4269962	4.77518375
4.04290553	4.30165791	3.79712862	4.02914285	3.20656923	3.75662748	3.27837305
0.38788008	1.00E-04	0.46255491	0.08671977	1.93329971	1.74029955	2.10344762
6.87736593	7.01656134	6.57489407	6.38122105	4.63487765	4.44425293	4.08789655
3.83609907	3.86526209	3.75007663	3.71826728	4.16877996	3.97512624	3.9875175
3.37419786	3.62731441	3.80922623	3.89810367	3.12161669	3.26213123	3.14990591
2.19805401	2.38021613	2.22183484	2.26497284	0.49833685	1.18120544	1.09971486
1.19631624	1.54046879	1.58346362	1.74877906	1.2984016	0.81863	1.43979848
3.90626631	3.94156403	3.24174325	3.41783906	4.50234039	4.65566832	3.72940486
5.26900992	5.44484101	4.9624402	4.86323538	5.34203743	5.50378935	5.11361332
1.57291369	1.76290343	1.37459137	1.63036415	0.65942933	1.88472485	0.6376007
4.76481317	4.69404649	4.54428965	4.54582833	4.68625612	4.64768177	4.3897113
0.57502473	0.57807268	0.5571989	0.50493616	1.00E-04	0.82278429	0.83365561
0.97711835	1.04382341	1.34334908	1.64754409	1.00E-04	0.80280178	0.57977935
0.47198371	1.01851274	0.20663769	0.52958514	1.30695208	0.89100869	1.12658873
1.00E-04	0.70371609	0.33832669	0.05991015	1.00E-04	0.34293625	1.00E-04
1.00E-04	1.05990618	2.09649938	1.41936233	3.78638199	2.98533772	4.7357187
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77311695	0.32757192	0.33041253	0.36230327	0.70997801	1.87121192	0.40578234
0.44504511	0.18271246	0.09666388	0.13730228	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.38148955	0.37047444	0.11699513
2.20897639	2.07664434	1.37817056	1.24426221	2.91447125	2.51471387	2.00725922
4.31273926	4.61299056	4.24303044	4.19471145	4.97904758	4.93008485	4.54711181
2.76271405	3.12647043	2.43439693	2.666591	3.31876981	2.91514813	2.62629427
4.82977462	5.05110104	4.65941222	4.67004372	4.93186839	5.17025432	4.64919362
1.00E-04	1.00E-04	1.00E-04	0.19581423	1.00E-04	1.00E-04	1.00E-04
4.33855856	4.34830794	3.90487468	3.92141768	4.84546269	4.27508127	3.67381608
5.23859819	5.56220619	5.15014204	5.17037255	5.3341424	5.56599277	5.15486394
6.41125335	6.56324604	6.22950443	6.1690215	6.54084615	6.68471097	6.26492223
5.07802099	5.26802569	4.78485542	4.7735984	4.56909747	4.52772189	3.8389193
1.00E-04	1.00E-04	0.34065697	0.48627706	0.69957662	1.55180567	0.79366867
0.39352426	0.28742047	0.53062874	0.73706684	1.00E-04	0.31666865	0.19124552
2.51584829	2.80599343	2.23647427	2.21109688	5.00309682	4.94052783	4.55624261
1.00E-04	1.00E-04	0.14034788	0.12172292	1.00E-04	1.00E-04	0.17016891
0.32314426	1.03988271	0.70085169	0.43795271	0.65910354	0.43832115	0.30631903
3.92300586	4.15745532	4.22915369	3.75444643	2.93315453	3.08314118	3.38146552
3.2754977	3.23785577	3.17723437	3.07043135	3.24183602	3.0822265	3.42251948
1.50250155	1.33227504	1.48980041	1.51169449	1.64083466	1.2727973	1.78394928

4.10991609	4.25640046	3.97595068	3.91507752	4.81253605	4.88607966	4.30538846
1.00E-04	0.77985798	0.53579815	0.26499756	1.00E-04	1.00E-04	1.00E-04
2.56067219	2.33234156	2.19845245	2.20512286	3.37611753	2.74508675	2.6374267
3.43549288	3.227174	3.34057979	3.42798189	3.56412751	3.77303073	3.25491441
1.21117077	1.24756261	1.64851012	1.91974123	2.00818813	1.47633514	1.38731079
3.99526697	3.97275899	3.53917173	3.43893852	3.80954791	4.25671891	3.56189389
4.5678669	4.96062755	5.58999211	5.68740717	4.45874546	4.6595604	5.2940405
0.84946921	1.60008036	0.93803497	1.23280006	1.3011956	0.79328111	0.90456867
2.3111025	2.88013295	3.54279751	3.58969327	1.90199925	2.47023348	3.72837507
1.27870901	2.25601732	2.16469857	2.1847272	1.67105963	2.86407105	1.75805398
2.26726668	2.4612401	2.76604337	2.79063891	1.84927167	2.48141054	3.02805145
0.85352561	1.01599822	0.73509337	0.9633311	1.00E-04	0.70822791	0.64683639
2.2611003	2.65851713	3.71839966	3.74678942	2.35547947	2.50668037	3.87637271
2.57583885	3.25918854	4.2563526	4.25323841	2.4585531	2.99920118	4.40633716
4.92242153	5.39078966	6.35790088	6.4469888	4.31709254	4.44730808	5.62152809
3.24524032	3.69149764	3.36333491	3.54954784	3.06691815	3.18369152	3.40756397
1.27257772	1.48134353	1.28462705	1.12075429	2.11951575	2.37956016	1.8611616
5.25124473	5.41655263	5.26462971	5.13994612	5.40825237	5.54194554	5.30747752
3.09700207	2.90780581	2.85400811	2.82291832	3.18455745	2.80821335	2.45602814
2.77756309	2.6937451	2.80152574	2.91525733	0.65963151	1.15332377	2.04463678
5.22694063	5.24192173	4.91570929	4.94496348	5.3962143	5.47632267	5.29451169
3.31094624	3.22787177	3.04932606	3.11035055	3.26969748	3.25743262	3.23675786
2.64682065	2.56324315	2.38486391	2.39074977	2.81214136	2.39613443	2.65350858
1.00E-04	1.00E-04	0.14315524	0.06597775	1.00E-04	1.00E-04	1.00E-04
4.20233408	4.28347308	4.15640864	4.0806135	3.99092771	4.23486888	3.92547667
3.30145	3.45194304	3.36751299	3.42730572	3.50785289	3.69491358	3.42574169
2.2912347	2.57152181	3.08794771	3.20892624	2.20883016	2.9753594	2.93306007
3.9642787	4.23830765	4.16316162	4.14007589	3.99847472	4.03612932	4.02433597
2.42522307	3.00210876	2.5003839	2.55663245	2.52090805	2.36283374	1.87627083
1.76337722	2.02365395	1.75567422	1.78511454	2.24963376	1.58325146	1.6740792
2.65391817	2.84839483	2.73199865	3.06139579	2.44827251	3.06840195	2.44761757
1.48348576	2.19936941	2.63400649	2.53612223	1.00E-04	1.56813784	2.20440427
2.14605339	2.32529096	2.96400109	2.9279324	2.67804356	3.13870682	3.5349118
1.00E-04	1.00E-04	0.0848912	0.11840975	1.00E-04	1.00E-04	0.44762941
6.51853143	6.27226337	5.87187863	6.20032277	5.15602451	4.76904295	4.72641839
3.11839806	2.86736027	2.98107373	2.84924267	3.38016755	3.42042354	2.62521266
0.79060121	0.27718531	0.13758132	0.18033708	1.00E-04	0.72190198	1.00E-04
3.80816392	4.02980475	4.11298844	4.03912637	3.76058109	3.98929847	3.7952068
2.70855311	3.44316372	3.23425798	3.32230706	3.085713	3.44488649	3.195078
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.31207023	4.62521422	4.17174939	4.11776499	4.65890765	4.84294518	4.62341038
3.86918668	4.20617314	3.81625833	3.8182297	3.78896893	4.20381793	3.79188642
1.55013604	1.95678216	1.86686113	2.11943214	2.65905948	2.29109105	2.85607045

3.36517363	3.72063123	3.58925075	3.61325114	4.81660047	4.34797966	4.4026322
0.81756751	0.25310331	1.10531019	1.2252883	1.00E-04	1.48877796	1.7122353
2.41329317	2.36977117	2.26022815	2.33712789	3.09867334	3.96093782	3.43567106
1.01089864	0.87387676	0.90233917	0.62987088	1.80107229	1.89777257	1.33106526
1.93900095	2.47731384	2.72679993	2.73565066	1.35867576	2.09216873	2.59373194
1.00E-04	1.00E-04	0.14727652	0.29435746	1.00E-04	0.28191199	0.35106062
3.35931955	3.66507711	3.55744844	2.62306152	1.81493744	2.34992781	1.22133227
0.791437	0.72758703	0.66482544	0.81596502	1.00E-04	0.78135704	0.87560742
1.00E-04	1.00E-04	0.05686332	1.00E-04	1.00E-04	1.00E-04	0.16770769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.69642355	3.0905669	2.63718244	2.68200222	2.70070328	3.25263699	3.05598217
1.26749033	1.2551098	1.00751819	0.74798138	1.00E-04	1.26658258	1.20603268
4.66228126	4.68381307	4.45136661	4.33109733	5.07830793	5.45732195	5.2762411
1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.84476762	2.59930745	2.6204337
2.57946362	3.20556196	3.14281397	3.30894674	3.04886868	3.01127998	3.25620098
2.02303092	2.27103593	3.07544405	3.21086291	1.99499654	2.72491041	2.76703099
3.26411797	3.41077477	3.3899904	3.53033561	2.01725074	2.51879699	3.0809945
1.98629084	1.69239973	1.18227225	1.33177329	1.14785112	1.00E-04	0.9394737
0.4547528	0.22673843	0.10330756	0.04862277	1.00E-04	1.00E-04	0.1362077
3.62831472	4.17310686	4.97831128	4.9030289	3.15881164	3.51356612	4.74560868
3.60006526	3.65287867	3.32219351	3.49279974	3.86097104	3.58990312	3.54750831
2.93773695	2.83008264	2.9120705	3.13026182	3.13034206	3.38039822	3.18224746
2.61167839	2.1697617	1.99012574	2.03974252	2.29884925	1.87714632	1.57066531
5.38435924	5.52496983	5.70346499	5.78624871	5.08182279	5.39858235	5.65106272
4.27460096	4.31605098	4.23860849	4.37074391	4.80588923	4.63552546	4.56413708
0.89884416	1.33927912	0.3622298	0.40630741	0.48060496	0.0838544	0.47064623
1.00E-04	1.00E-04	0.10995038	1.00E-04	1.00E-04	0.61904659	1.00E-04
2.81994315	3.59359642	3.57607086	3.59137199	2.76006437	3.26335114	4.05822893
4.20077207	4.34277661	3.97497945	4.08181719	4.22410719	4.64208983	4.38793736
3.29986878	2.73826895	2.51299982	2.98488556	1.00E-04	2.6388103	1.641411
0.45608282	1.60984846	1.80782063	1.54239755	1.00E-04	0.43385867	2.00256047
5.21099248	5.32833837	5.1621204	5.23689223	4.89170521	5.0448328	4.87002587
0.97098851	2.2207864	2.05066336	1.94877709	2.00895359	2.4511596	2.35374839
1.32752276	2.06827558	1.6766839	1.25744059	0.81663784	0.65954226	1.2779754
1.86833525	2.26094585	2.5237717	2.68771184	0.42197018	1.31351307	2.00986297
1.98786091	1.84235617	2.12260101	2.16035345	1.2582682	1.83180689	1.61012874
1.8013688	2.58291344	3.01041176	3.13461067	1.61349776	2.29533148	3.28423229
1.60892971	1.72884822	1.89598551	1.84532568	1.00E-04	1.20388079	1.63749153
0.70986714	1.72135263	0.98077108	0.85628779	2.87277485	3.31741602	3.35118639
4.17221821	4.27449444	4.1463447	4.21081173	3.05249794	3.42144376	3.41270283
7.50063002	7.71918501	8.52133806	8.66855725	6.19786089	6.20745948	7.53788393
0.86295212	1.58519487	1.16706674	1.23716518	1.52851456	1.81758689	1.74246063
2.44660277	2.13323477	1.81062057	1.78137281	1.00E-04	1.18499849	1.34577456

5.03456477	5.20885552	5.24456411	5.11159858	5.0905515	5.35521249	5.23675921
5.05294752	5.19515853	5.09749735	4.86444378	5.29608648	5.6178556	5.32418454
2.9992485	3.46522444	3.35838177	3.50626134	3.73677178	3.97450958	3.92945346
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06628039	1.00E-04	2.10840075	1.00E-04	1.00E-04
2.4557804	2.7736119	3.52786492	3.75422731	2.54819403	2.54644253	3.05364058
3.6746859	3.31620647	3.12900467	3.49219132	3.17607059	2.87768683	2.38633535
3.35011992	3.54265848	3.42335075	3.40254926	3.73044646	3.7702696	3.24673634
4.90848605	5.00406103	4.49922957	4.43903468	5.9091963	6.28379092	5.78897418
2.97107519	3.17096109	2.65190095	2.70431712	4.08029784	3.74401495	3.28424952
2.56550632	3.22608728	2.93766457	3.01756454	2.10759222	2.1434362	3.00741237
4.74909475	4.94110921	5.22615756	5.41188715	4.29232391	4.80057994	4.99193496
2.70160675	3.13511668	3.05631062	3.09748929	3.6278651	3.7114898	3.44829919
2.77130215	2.53348218	2.69682358	2.72089289	2.14072251	2.14057602	2.2848402
2.78480746	2.79507437	3.02488748	3.08899739	1.92121372	2.76330005	2.73025716
2.53897744	2.52314576	3.05597293	3.06743879	2.1173937	2.33611535	2.97879543
2.93830187	3.35398852	3.00463187	3.14503121	3.76885127	3.28384019	3.24707218
0.39874234	0.9631751	1.12026	1.50166125	1.52328208	2.44257786	1.79192095
3.50676951	3.63392693	3.19219727	3.18890017	5.05726257	5.31519659	4.86382755
3.82599983	4.09333263	3.8962394	4.11431287	4.32433908	3.39313937	3.77813317
4.63649583	4.96906191	5.08480743	5.06641682	4.44219616	4.66299673	4.65794284
2.21283462	2.32232519	1.6180905	1.67442551	3.34645483	3.47949165	2.76951916
4.32359297	4.61397078	4.0600071	4.08956191	4.7331738	5.14147241	4.42241573
3.32486085	3.46181815	3.21294636	3.23019781	3.09214797	3.2403098	3.37707984
2.299327	3.0039679	3.62271439	3.58033605	2.78325429	2.59175085	3.93781087
5.61835796	5.57792809	5.34239178	5.36859119	5.42816746	5.09750157	5.06771418
3.63488107	3.45143555	3.13922767	3.19787215	3.7909901	3.68812345	3.33503439
3.59991055	3.64884887	3.50607494	3.42790581	2.88137278	3.53550436	3.41238239
3.46597775	3.61215092	3.52193562	3.61457404	3.6270451	3.51958944	3.59661683
3.1567866	3.4774055	3.35857881	3.44558608	3.39613314	3.33417165	3.61642337
2.43566842	3.11353955	3.68632325	3.85852451	2.83850018	2.96352025	3.38807166
2.41157314	3.09965236	3.44467358	3.4611376	2.75812869	2.3197158	3.35403965
1.00E-04	1.00E-04	1.00E-04	0.06823304	1.00E-04	1.00E-04	1.00E-04
2.64115225	3.31509679	4.066756	4.2517112	2.40434012	2.94177682	3.70778164
2.55283195	3.03587449	3.84660278	4.08918709	2.6900682	3.13044783	4.144234
2.44567484	3.00883294	3.45605064	3.65627652	2.33155735	2.64483191	3.24222233
3.15580306	2.76313123	2.8309244	2.96773424	3.20951245	2.8880135	2.39569111
4.6028096	4.84490346	4.49980435	4.47265384	4.76291812	4.93035683	4.64564688
5.3296785	5.52708847	4.95373249	4.84728376	5.27832273	5.44713973	4.75018578
1.00E-04	0.16464448	0.08865762	0.10079482	1.00E-04	0.55194196	1.00E-04
4.2080935	4.1168131	4.01855744	3.97881697	4.16444573	3.90851482	3.83299618
3.13465665	3.43898179	3.77946271	3.50833435	1.50809214	3.38614282	4.64580167
0.30506429	1.43992742	1.02270496	0.986406	0.61370006	1.7945497	1.883301

0.66388982	0.31875948	0.09824859	0.05634699	0.49275495	0.6884832	0.83744869
2.10596945	2.25146949	1.94056552	2.21661937	2.90893708	3.54339312	3.27882908
1.00E-04	1.00E-04	0.2409038	1.00E-04	1.00E-04	0.48673018	0.1362077
5.80121135	5.84283939	5.19438974	5.38655467	4.39782884	4.68547673	4.17624914
1.03974875	1.98850832	1.69014864	1.8442889	1.88487407	1.98446395	2.63570332
0.49564017	0.85045101	1.3477658	1.30064676	1.00E-04	1.40996324	0.61865552
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01612316	1.63978435	1.36624431	1.02461323	2.01751775	1.41100418	2.6559987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.78295632	1.72715165	2.7566889	2.80400604	1.14921379	1.41244309	2.93590009
1.43261106	1.9621177	1.5820769	1.09299351	2.90287582	2.24401177	2.50057208
3.15718321	3.40658107	3.47383126	3.50990865	1.97571612	2.23224472	2.47155354
2.35852665	2.96060703	2.76524877	2.89041141	0.77263545	2.1420244	1.93127536
1.00E-04	0.50222645	0.44240744	0.31984858	0.44085717	1.00E-04	0.99236832
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6480117	3.05554072	2.859457	2.67675775	2.05658821	2.43723632	2.51456141
4.06927397	4.14897493	4.39898883	4.42281806	4.3840023	4.89885851	4.58253671
3.83260717	4.21944461	3.70983904	3.81688275	3.89736457	4.31547993	3.64157211
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76810322	1.89867953	1.50677635	1.40914673	1.24730419	1.60116431	2.36408511
0.86364491	0.84904571	0.48636271	0.67086699	0.43090184	0.90249102	0.46435976
0.20240821	0.82709896	0.39369273	0.71715258	1.20571198	1.77081364	1.99204346
2.23244359	2.37461558	2.45837879	2.29426927	0.96173866	1.17288616	1.2106391
4.85432014	5.28897994	4.78116891	4.87640018	5.21627374	5.49991385	5.13987295
2.92203155	2.89458181	2.61034997	2.66696885	2.98564497	3.19061085	2.33844927
4.07795512	4.10795465	3.79204006	3.7327383	3.69245416	3.988534	3.75279404
4.01226283	4.32392224	3.52857604	3.41440921	4.29094489	5.01344822	4.37148527
4.9444223	5.09858466	4.68534684	4.47329288	4.97680415	5.09813378	4.80369997
3.53758652	3.65338591	3.7882278	3.962753	3.33300796	3.60559388	3.38270725
3.21500923	3.58991837	3.78553542	3.77000155	2.62518607	3.34045765	3.50303851
1.00E-04	1.00E-04	0.33018916	0.30173237	1.00E-04	1.00E-04	1.00E-04
1.88658233	2.20171995	1.64587117	1.828177	0.600898	1.51430007	1.66280341
1.00E-04	0.91398344	0.09425258	0.34347327	0.60156552	1.00E-04	0.98954372
1.11483012	1.4060502	1.3839602	1.33019567	0.81409085	1.09537032	1.24304446
4.96267542	5.16386771	4.77956964	4.75118312	5.22314963	4.96683036	4.57137322
1.11117854	1.09975635	0.91540286	1.18308671	1.97186285	2.60537213	2.55532845
1.00E-04	0.1236445	0.32054985	0.31911344	1.00E-04	0.30065849	0.25275834
1.5858919	2.01256072	1.42027091	1.22785745	3.04841716	2.76197448	2.32728284
3.76099849	4.00568624	3.64043613	3.58130636	3.70442788	4.06700956	3.52380312
3.66544313	4.03733769	3.7503771	3.87160251	4.60777305	4.93770611	4.65750336
3.8445192	3.9897156	3.68790291	3.77174765	3.39326427	4.10936002	3.66576187
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24496797	1.00E-04	0.4189923
2.97615243	2.6109801	2.7317131	2.95736517	2.61168953	2.72541822	2.64574335

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.80359059	1.27152367	1.5435365	1.6477793	0.96228186	0.97394441	0.91400827
1.0459825	0.99373334	0.73495313	1.10290771	1.00E-04	1.38430513	0.72007717
0.32649863	0.14349904	0.70794241	0.43597584	1.58345032	1.13192071	1.47287379
3.63034019	4.06902853	3.57541331	3.51377649	3.99787319	4.83505776	3.89084561
1.00E-04	1.00E-04	0.04082088	0.10328694	1.00E-04	1.00E-04	1.00E-04
3.66478032	3.50541371	3.55885544	3.50998012	3.32001925	3.45310382	3.26190412
1.00E-04	0.23099594	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90892822	0.23547211	0.09320944	0.08162734	1.00E-04	0.52947541	1.35365277
3.01490943	3.15778868	2.8047275	2.94034942	2.43265503	3.29592107	2.70491163
0.68305775	0.60581065	0.4650015	0.55514964	1.05772513	0.44672571	1.26342766
2.35765453	2.40454859	2.53876407	2.69579773	0.57228727	1.91089524	2.83099635
1.62777254	2.38714013	1.75116233	1.91754378	1.53780844	2.83802778	2.02149393
2.37470078	2.73022908	2.29143373	2.32828982	2.20516669	2.79453752	1.76768016
1.00E-04	0.22617926	0.26656144	0.04370396	1.00E-04	1.11874312	0.55421199
2.87721652	3.36330751	3.05494499	3.11547704	3.01043177	3.03497188	3.10674142
0.21218854	0.46691806	0.25603133	0.32430346	1.32399868	1.00E-04	0.65828478
0.78173565	0.70872681	0.36255671	0.76237799	0.87850607	1.00531585	0.30302762
1.7427867	1.52708081	1.09065314	1.48641308	1.67881799	1.34277818	0.84141639
0.23936956	1.06378769	0.35970228	0.27327371	1.00E-04	0.62952954	0.31673793
0.85198145	0.27876231	0.68852554	0.68529789	0.40975599	1.35818232	0.71977148
1.00E-04	0.19249576	0.46297883	0.24892356	1.00E-04	0.27423953	1.00E-04
1.04127127	1.19626197	0.88092238	0.49717864	1.00E-04	0.38271585	0.29798451
1.00E-04	1.00E-04	0.06465508	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.45451151	3.31745944	3.48897657	3.60878406	2.96185923	2.82969588	2.77401237
2.01406817	1.74392388	0.446081	1.00760375	0.63583153	1.38343612	0.50142009
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.27747775	3.18603906	2.86211412	2.75135396	4.71310654	4.40696262	4.28565404
3.5454564	3.78488628	3.74579045	3.79051249	3.89755476	4.0870631	3.9555765
1.15198348	1.18189946	1.16237923	1.63319323	1.46347519	1.23628808	1.49170621
4.19259077	4.08830607	3.84596078	3.81756844	4.47912683	4.37005902	4.17738362
5.35567236	5.55403168	5.08942574	4.92883992	5.77886988	5.85541607	5.4300288
0.83565122	0.91475007	0.53907718	0.54077193	0.43090184	0.63613668	0.43851148
3.7355251	4.05806159	3.68551734	3.82074775	3.82089264	4.16656898	3.7690307
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1.67829654	1.37199197	1.03232188	0.74940162	1.32457871	1.59628539	1.0428681
4.41425468	4.80265102	5.63237396	5.69240824	4.26348121	4.46761445	5.51901988
2.89873891	3.04124282	2.82269263	2.76677133	3.09284678	3.63468782	3.18085577
3.22005997	3.00618981	2.81351493	2.85452879	3.35975844	3.39186468	3.46251853
2.60642225	2.8215149	2.59777135	2.69205627	2.65334184	2.68133558	2.72616383
1.85060781	2.14465017	2.16821464	2.35640649	1.18289313	1.69277592	2.25308758

3.73464164	3.70474223	3.7901361	3.98604461	3.18568046	3.84698596	3.67997516
3.09417091	3.70036024	3.8965324	3.80229758	2.56429357	3.17595342	3.37749357
3.3467801	3.7260213	3.20695395	3.16915625	3.18930902	3.30622855	3.1530606
3.60267223	3.7996369	4.79205872	4.84564152	2.91569514	3.32337704	4.37547218
1.06421575	1.70353576	1.40967569	1.40494204	0.83508242	0.71012987	1.5688937
2.83808931	2.94073737	2.80923073	2.99827931	2.66183815	2.55713892	2.75236138
3.51647365	3.77884749	3.59418465	3.68543144	3.4690908	3.61959939	3.70126179
1.7952381	2.23806197	2.26634876	2.34820025	2.53590692	2.43082131	2.46438251
2.25225695	2.52515685	2.10857608	2.25068809	2.01090938	2.70618798	2.30511584
2.95592265	3.11033338	2.56778517	2.54519638	1.82134903	2.47483134	2.15816522
1.46119757	1.45174547	1.90976104	2.00553839	1.65225365	1.6217941	1.71195968
2.74460359	2.90444842	3.0426118	3.08190335	1.91987291	2.75608987	2.23681334
0.17861687	1.48548008	1.40832896	1.5887414	0.76188898	0.96988567	0.90413145
2.88799606	2.67088341	2.48160269	2.51924758	3.25270104	3.01785736	2.83777979
0.23251313	0.99069573	0.32948605	0.52696784	0.87446197	0.38083027	0.20964658
3.82919227	3.67181047	3.44500546	3.44087931	3.53932911	3.60907917	2.80813919
1.00E-04	1.00E-04	0.02939025	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55108284	0.27157786	0.06155875	0.31689471	1.00E-04	0.29937888	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06170919	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.03649215	1.00E-04	0.80444642	1.00E-04
1.00E-04	1.00E-04	0.03483664	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50398216	0.74495039	0.49535617	0.44997366	1.00504953	0.6196106	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16636142	1.00E-04	1.00E-04	0.05276231	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0686521	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.19245908	0.19270068	0.0499166	1.00E-04	0.42698816	0.2166229
1.00E-04	1.00E-04	0.01804858	0.16764349	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05916492	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08288271	0.52474525	1.00E-04	0.32484108
1.00E-04	0.59276383	0.81618308	0.57855893	1.00E-04	1.00E-04	1.00E-04
0.23904013	1.00E-04	0.12136189	0.09239858	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11243412	0.04676004	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15175761	0.03666446	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06164114	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05743546	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06026527	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05748271	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08696563	1.00E-04	0.61139607	1.00E-04
1.00E-04	1.00E-04	0.01981825	0.09728243	1.00E-04	1.00E-04	0.27477876
1.00E-04	0.44210368	0.1200172	0.07458927	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02880183	0.092613	1.00E-04	1.00E-04	0.37440717
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.06680567	0.79634583	0.64548554	1.65264969	1.47463466	1.34291953
1.00E-04	1.00E-04	0.07807672	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46082247	0.33278056	0.12382273	0.26946733	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34850681	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16386359	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12403025	0.10641843	0.768034	0.25927897	1.00E-04
1.00E-04	1.00E-04	0.06561735	1.00E-04	1.00E-04	0.36471294	0.33758991
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3276738	0.26188243	0.6378592	0.75948857	1.00E-04	0.5472452	0.24554172
1.00E-04	1.00E-04	1.00E-04	0.09310686	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13268969	0.06602451	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05376715	1.00E-04	1.00E-04	1.00E-04
0.28900618	1.00E-04	0.26374456	0.12099735	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27089922	0.98671568	0.58539586	0.87598744	0.6397631	0.25244024	0.88181373
0.13871239	1.00E-04	0.23260212	0.08348088	1.00E-04	1.00E-04	0.2166229
0.70295238	0.41408019	0.24732485	0.17127002	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07883648	0.04753134	0.74910948	1.00E-04	1.00E-04
1.00E-04	0.40118623	0.11946061	0.20982694	1.00E-04	1.00E-04	0.1362077
0.6172587	0.65411504	0.26758039	0.17935256	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57647355	0.13132109	0.06401311	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.53181081	0.5983387	0.4316493	0.34601896	0.77322435	1.00E-04	0.61959601
1.00E-04	1.00E-04	0.03880125	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28409889	0.32311893	0.54293045	0.35770721	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.40306862	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15897136	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.61601684	0.10083035	0.07101133	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12480015	0.05722379	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27968057	1.00E-04	0.06626357	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.16464448	0.0561745	0.04993444	1.00E-04	1.00E-04	1.00E-04
0.70807653	0.57361745	0.38402376	0.68607632	0.24496797	0.25927897	0.53438677
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19068731	0.07578277	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0675241	1.00E-04	1.00E-04	1.00E-04
0.32837699	0.28797137	0.12927461	0.34983671	1.00E-04	1.00E-04	0.32061292
0.63518643	1.00E-04	0.10728048	0.05537572	1.00E-04	0.22057069	0.9122632
1.00E-04	0.18508902	0.04578143	0.10173558	1.00E-04	1.00E-04	0.41306813
1.00E-04	1.00E-04	0.10856942	0.03516101	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.02998315	0.06548304	1.00E-04	1.00E-04	1.00E-04
0.44887055	1.00E-04	0.15443662	0.05584039	1.00E-04	1.00E-04	0.31673793
1.00E-04	1.00E-04	0.05076711	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11780372	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08442606	0.05089831	1.00E-04	0.55360685	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.34645529	0.02441112	0.04195889	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10757718	0.16416372	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.03142624	0.04290565	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21624889	0.04195889	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1231963	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06171735	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.14838174	0.23279921	0.20934824	1.00E-04	1.35786675	0.23172291

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48777083	1.00E-04	0.2379249	0.43619633	1.00E-04	1.00E-04	0.49683657
1.00E-04	1.00E-04	1.00E-04	0.20112512	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05287276	0.05516804	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9321904	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10741835	1.00E-04	1.00E-04	1.00E-04
0.7582956	0.55328263	0.09538581	0.13595125	0.43177254	1.00E-04	1.00E-04
1.00E-04	0.25643684	1.00E-04	0.11591144	1.00E-04	0.5255048	1.00E-04
1.00E-04	0.4205456	1.00E-04	0.3298241	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.51692397	0.13041109	0.26842509	0.88752278	0.36966524	0.58564616
0.62561018	1.08575253	0.53535988	0.78106417	0.91789453	0.88611331	1.00E-04
1.00E-04	0.44741262	0.38000976	0.387806	0.70997801	1.00E-04	0.28816756
1.00E-04	1.00E-04	0.05519465	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.290508	1.00E-04	0.57606777	0.34461666	1.00E-04	1.00E-04	0.82079453
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23395345	0.41295755	0.38563698	0.37348792	1.00E-04	0.67821172	0.27477876
1.00E-04	0.24484958	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0423659	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0569476	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10276617	1.00E-04	1.00E-04	1.00E-04
0.26871703	0.22926339	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.05585155	1.00E-04	1.00E-04	1.00E-04
0.81218474	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08505333	0.17310793	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.36367199	0.15229691	0.14700225	1.00E-04	1.00E-04	0.56202874
1.00E-04	1.00E-04	0.16351181	0.19987935	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05146651	0.07578277	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26138549	0.19551519	1.00E-04	0.33659068	0.28446781
1.00E-04	1.00E-04	1.00E-04	0.07188382	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1887281	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06815217	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6409757	3.14640022	3.16431986	3.14726405	3.1399988	2.92812108	2.95410871
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75563377	0.91632033	0.21949536	0.58804382	1.00E-04	0.72974157	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04596921	0.05279221	1.00E-04	1.00E-04	0.40207039
1.00E-04	1.00E-04	1.00E-04	0.06514721	1.00E-04	0.36782053	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14080956	1.00E-04	1.00E-04	1.00E-04
0.40626905	1.00E-04	1.00E-04	0.08338123	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12205429	0.1816021	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07306797	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06682975	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2779322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21097841	1.00E-04	0.13243672	0.16532005	1.00E-04	1.00E-04	1.00E-04
3.14688557	3.40342432	3.19941234	3.37157637	2.91152275	3.13572025	3.28059562
1.00E-04	0.18777239	0.23543863	0.25258292	1.00E-04	1.00E-04	1.00E-04
0.21930883	0.22617926	0.15303555	0.41842276	1.00E-04	1.00E-04	1.00E-04
3.54158602	3.69625951	3.11751509	3.36423232	3.29932606	3.66919885	3.38039656
2.13634593	2.33203305	1.27790227	1.21879561	2.79259628	3.11172825	1.97472274
1.00E-04	0.71765542	0.5863075	0.61556554	1.00E-04	0.40848101	0.59451008
5.03366986	5.09307159	4.86021537	4.7949202	4.72786654	5.03289473	4.46336619
0.21097841	1.34290043	0.96164759	0.73924631	1.62640146	0.30082489	1.46881105
1.00E-04	1.00E-04	1.00E-04	0.07731343	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.2130925	0.19692916	0.28387661	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11092933	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37794911	0.6357881	1.00E-04	0.491838	0.80227202
0.75845305	1.2858316	1.35186771	1.28168692	0.44085717	1.28402298	1.87603157
0.37205923	0.34313497	0.30699095	0.34975779	1.00E-04	2.19436262	0.9460183
0.27115331	1.06539296	0.5023746	0.30322707	0.49775343	1.00E-04	0.52475039
1.00E-04	0.19878524	0.04012071	0.03388656	1.00E-04	1.00E-04	1.00E-04
1.90530161	1.31749334	1.03548413	1.16305896	0.24496797	1.72352728	2.10696719
5.57145229	5.74315908	5.29639526	5.25107265	5.79438148	5.92090899	5.40980466
0.98051854	1.2117308	1.21276586	0.93618655	1.00E-04	1.00E-04	0.16885696
6.08324972	5.98271654	5.58880899	5.68802182	5.74042425	5.9920538	5.53472644
0.34851092	0.74811147	1.20384388	1.62368167	1.2195646	0.54983104	1.78281583
1.00E-04	0.62800824	0.18315702	0.2234088	2.60131895	1.70958605	1.6933499

4.32876703	4.52809787	4.55583302	4.57810455	3.93136913	4.51872422	4.35695368
1.00E-04	0.38681903	0.09401886	0.13623927	2.45538629	2.01198219	0.95574744
0.62779454	0.73642215	1.06238602	0.74937962	1.00E-04	0.23201595	1.19976492
1.00E-04	1.00E-04	0.04415806	0.06482984	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0373653	1.00E-04	1.00E-04	1.00E-04
4.72969909	4.68532282	4.22820467	4.27906322	4.93815145	4.86230628	4.5041692
2.5276404	2.47377074	2.14526877	2.10530952	2.68214991	2.43626088	2.15982756
2.3830892	2.20896181	2.30591698	2.35630401	1.77420234	1.56754364	2.35212358
1.13163126	0.80677563	1.12645704	1.28739336	0.30780692	1.05362841	1.09661425
0.9416454	1.17241862	0.90601321	0.84691456	1.92205735	2.10082287	1.31326824
3.39752433	3.39199245	3.03378685	3.15943863	2.98822897	3.0905566	3.16192566
3.23938352	3.32412972	3.20478315	3.18508316	3.06337681	3.15677495	2.91357046
4.9373139	5.05393469	4.6647783	4.54419381	5.16342897	5.44516558	4.62821668
4.37137007	4.73112641	4.21059547	4.2262563	5.05849573	4.92552042	4.29838088
4.5301709	4.68223565	4.96377749	4.96384082	4.36323319	4.81197932	4.79654559
2.88398916	3.24788281	3.77064893	3.70074997	2.22315822	2.88353126	3.7576775
1.71607596	2.09237078	1.94560526	2.29399606	1.16956299	1.50000642	1.71350012
3.23702983	3.72716866	3.12472357	3.30961641	2.92306175	3.66504463	3.45304516
1.88337773	1.82623631	2.33940783	2.42023599	1.58552575	2.21466558	2.74850879
4.08158879	4.21438071	4.31461928	4.27019908	3.64494386	3.47446762	3.84307215
2.11799319	2.77393217	2.87799711	2.86266698	3.01257282	2.77028814	2.96501357
4.32225212	4.49227842	4.32691723	4.37281546	4.51471497	4.54429492	4.07732977
2.58977755	2.92068469	2.42575116	2.6654219	3.89546252	3.95568452	3.14790606
1.00E-04	1.00E-04	0.05996964	0.0533464	0.54050558	0.46002738	1.00E-04
1.00E-04	1.00E-04	0.03409487	0.11106167	1.00E-04	1.00E-04	0.22577116
0.60240113	0.65987815	0.7550469	0.59437058	1.00E-04	1.03071205	1.00918167
3.21946195	3.33278732	3.25701219	3.18766716	2.75882567	2.92923597	2.67761314
3.64972147	3.53243316	2.97965187	3.13987043	2.2943435	2.56933301	1.88615903
0.71857734	1.00E-04	0.09799099	0.13683956	1.00E-04	1.00E-04	1.00E-04
0.86553003	0.54334813	0.7770392	0.19344077	0.35320673	0.34375714	0.55022863
1.00E-04	1.00E-04	0.18086336	0.09125571	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.04175876	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.77962442	3.29034701	3.33787142	3.14376026	3.15742267	3.27406619	3.47264845
3.52981585	3.33118986	3.17108799	3.12886084	2.41363842	2.6650384	2.35024372
3.45244883	3.44550996	3.69330662	3.83466112	3.48523147	3.06046098	3.27854251
0.687671	0.18967629	0.61141602	0.39968554	1.00E-04	1.35730454	0.20964658
1.85837959	2.81820308	2.45215828	1.98643428	1.00E-04	2.1677234	2.93171226
1.00E-04	0.3804953	0.18299482	1.00E-04	1.00E-04	0.8805053	1.00E-04
1.00E-04	1.00E-04	0.07295087	0.12731659	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.22443748	0.87585696	0.94129744	1.00E-04	0.6791721	1.23256813
1.28108351	1.81562022	1.46075127	1.22240608	2.98681233	3.13138159	2.81890181
4.19819299	4.24344786	4.02595604	4.12769602	4.06083613	4.05321519	3.92659552
1.56493525	1.55517392	1.48572003	1.15170726	1.56237053	1.25889028	1.3584259

1.00E-04	1.00E-04	0.12881242	0.11137069	1.00E-04	0.49555392	1.00E-04
1.41047184	1.81546573	1.93121389	2.17033208	1.25788376	1.09929373	1.45260302
0.42129053	0.42876501	0.48013054	0.46282073	2.64925186	2.80546982	2.36881418
1.00E-04	1.60580041	1.42090488	1.31447522	1.00E-04	1.51632843	0.87390065
2.55170343	2.50303553	2.73008506	3.47741319	1.00E-04	1.0228348	0.62852461
2.39646297	2.79031355	2.67790917	2.57498525	3.81779922	4.46508784	4.02293056
2.48022252	2.64886326	3.13381654	3.20111607	1.91236533	2.57973225	2.90708496
2.4772488	1.9465986	2.78107935	2.93235596	0.85301207	0.49555392	1.00E-04
1.00E-04	0.82266113	0.69252417	0.41508564	3.91543355	4.40977293	4.16675777
1.21245268	2.33030607	2.17145171	2.02361837	1.87267769	1.91164283	2.46373451
4.9506113	4.76028972	4.67237521	4.63321487	3.83030272	3.88089311	4.02979557
1.00E-04	1.9517768	1.57088414	1.31490743	1.00E-04	1.64316232	0.72906388
0.14193279	0.25488013	1.00E-04	1.00E-04	1.00E-04	0.39261666	0.38347681
1.00E-04	1.00E-04	0.08339038	0.20843092	1.00E-04	1.00E-04	1.00E-04
0.99685888	1.31797038	0.66211685	1.08898703	1.00E-04	1.00E-04	0.50706663
3.65129375	3.95663387	4.96082479	5.3431767	3.13346438	3.7614414	5.11308803
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.89882472	4.07199022	3.33969829	3.26885699	4.19553441	4.12584805	2.95861706
3.83668175	4.04070978	4.17390593	4.23326717	3.50364715	3.42213741	3.64507426
2.7586594	3.11635463	2.92846165	2.89791779	3.07726446	3.17933861	3.27554478
2.33058415	2.61643169	2.35441687	2.43051339	2.35636102	2.2971727	2.39900111
2.43673539	3.12749883	2.81930409	2.73969124	3.47323982	3.54098369	3.64520326
1.00E-04	1.00E-04	1.00E-04	0.07992289	1.00E-04	1.00E-04	1.00E-04
2.57857927	2.72176243	2.4281567	2.68970572	1.63044034	2.65610279	2.27984186
2.41643365	2.54632726	2.97707098	3.11215116	1.7048506	2.63311458	2.85161982
1.85468448	2.22698072	2.90520763	2.99842018	0.5982431	1.88126858	2.71259394
2.38946158	3.09069802	3.54172603	3.60209327	1.87221432	2.58436974	3.24482281
1.00E-04	0.25264368	0.1241084	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.35125619	0.37264118	0.24786922	0.92813488	1.00E-04	1.09097809
1.14012539	1.00E-04	0.77520373	0.67229595	1.21727684	0.91917356	0.88408644
0.23582726	0.11641955	0.09423045	0.17810268	1.00E-04	1.00E-04	0.08557164
0.74528769	1.28063668	1.4014917	1.53278251	0.44157893	1.82671036	2.1809218
2.12456244	2.44468996	3.00613671	3.3256924	1.63350077	2.17033882	2.7835928
0.33080752	0.57559156	0.71330586	0.73708033	1.01906761	0.68954924	1.15468694
2.50581219	2.67811414	2.54079404	2.6102559	2.01349587	2.14536733	2.27595827
2.3568404	3.23831948	3.3106897	3.32818162	2.00322073	3.32694428	3.17341351
0.53138731	1.09850533	0.58355316	0.23072897	1.59741317	0.75710657	1.00E-04
4.3963914	4.57306447	4.14868934	4.12338195	4.57757204	4.80152343	4.37445351
3.70458279	3.81555496	3.86627439	4.04067533	3.63708108	3.65189805	3.57483768
2.22247368	2.70432763	2.48210448	2.24349935	3.2388869	3.01252709	2.13074082
4.92301806	4.93162807	4.71832498	4.75418748	4.75522889	4.907373	4.47995093
4.03404473	4.27820004	3.95225145	4.00745851	4.1891867	4.36169108	4.25028874
0.95559169	1.00E-04	0.94836632	0.80126256	0.73106369	1.75940975	1.00E-04

5.13125996	5.50346392	5.04572998	4.97996376	5.25314927	5.5694842	5.23890446
4.53960951	4.79422132	4.63839477	4.59345117	4.13298785	4.69988227	4.43798938
1.4878329	2.91387937	2.42671037	2.16109258	3.01921816	3.33776444	2.67461946
2.93113406	3.08946135	2.91332375	2.76016455	2.51143517	2.5289704	2.4538595
0.54154679	0.85139889	0.42146408	0.57797091	1.00E-04	0.71088482	0.37351309
2.44516938	2.57411292	2.13117151	2.18091215	1.92218266	2.06420583	1.77645534
1.80449602	2.03129954	2.07668196	2.0673021	2.58120537	2.72877308	2.99309293
1.00E-04	0.54006226	0.79334666	0.74285677	2.82481163	3.42969846	2.81105536
0.81976294	1.67338645	1.40972617	1.20902008	0.89343665	1.6866581	1.15903817
0.5548537	1.30297163	0.71219035	1.1345894	0.69158286	1.61071095	0.64791466
4.04185966	4.2870809	3.8481317	3.8900212	4.14887571	4.47407273	4.04436452
1.25538996	1.85321786	1.62299891	1.39006252	2.96537897	3.18843527	2.74202346
0.5086654	1.51858478	0.92414856	0.6277144	1.00E-04	1.88888661	0.27485202
4.4616016	4.50181926	4.24831794	4.30018767	4.36705109	3.99850953	4.26706537
0.54735249	1.15562719	0.71167627	0.71814309	1.00E-04	0.82546359	0.28816756
0.39261952	1.01306619	0.76086054	0.63609766	1.18121547	0.83422366	0.20674441
3.00509824	2.82070384	2.92269775	3.03984228	2.64441577	3.02811656	3.11305246
2.70195773	2.68439424	2.95109148	2.95281288	2.81016394	2.72068036	2.92376599
3.95699852	3.86639343	3.6686305	3.78874508	2.85467014	3.55836643	3.6190969
1.00E-04	0.83325148	0.20501768	0.15468552	1.00E-04	1.00E-04	1.00E-04
0.64233288	0.9006889	0.96565158	0.80461355	1.07683043	1.52271857	1.26658525
4.65171083	4.79603371	4.56249995	4.57841941	4.80235519	4.73237468	4.5356847
2.85489482	3.16207628	3.0539464	3.19971417	3.15276154	2.70269107	2.50761737
1.27632016	1.23013345	1.05787304	0.87687922	0.98251002	0.89344465	1.11601694
4.2410411	4.29676728	4.03193405	4.11482853	3.49866858	3.96700521	3.70027746
6.57972148	6.74293635	6.27041313	6.06499582	6.18946895	6.0782876	5.63665768
2.45309413	2.54891362	2.1439143	2.24588954	2.36378592	2.57209965	2.28226022
2.75119517	2.58039064	2.98325006	2.93203899	1.67112131	2.61446001	2.79231065
0.36085953	1.30197019	0.66809784	1.00400547	0.67391014	0.22582101	1.00E-04
4.91684313	4.79864536	4.34773462	4.2194453	5.36476097	5.49456225	4.95892356
2.69343454	2.6463234	2.34335171	2.23573655	3.50230526	3.41571977	3.43854488
1.02203059	0.33464619	0.68378769	0.67674975	0.78094411	0.87340429	1.34820768
1.00E-04	1.00E-04	0.47680534	0.39668106	1.00E-04	1.27487561	1.00E-04
0.36390241	0.23062623	1.00E-04	0.25197012	1.00E-04	1.00E-04	0.27477876
1.96193564	1.96306914	2.24950605	2.54954503	2.39110235	2.5591747	2.57385465
4.23131947	4.30398754	4.35923145	4.36356356	4.4359975	4.50589565	4.45052397
2.19721485	2.48648833	2.26622082	2.3863748	2.79233044	2.34848158	2.32857957
3.25647868	3.52337516	3.1372578	3.04144298	3.28228051	3.65674231	2.90166383
1.64154457	2.23851073	2.70793399	2.82198519	2.01082044	2.54419838	2.29585759
1.47741622	2.02029195	1.64386259	1.67676565	1.97454882	1.55166275	2.15390951
2.63027098	2.8465138	2.51279725	2.66917162	2.47842392	2.60198055	2.79531601
1.70067107	1.76089145	1.46552293	1.8976132	0.88701736	1.14898711	1.63237766
1.34932288	1.95550739	2.00401894	1.86195888	1.00E-04	2.03038142	2.42905751

2.96764081	3.26511227	2.66580411	2.46103662	3.30967852	3.50933276	2.43002537
1.50967472	1.9453725	1.95872475	2.07093959	1.43688507	1.69007487	1.76200015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.43874282	3.5856778	3.09240282	3.32158419	3.70422942	3.70365421	3.45529968
2.85186373	2.82064813	2.36614666	2.62303854	2.7660832	2.62760038	2.44782466
4.39715633	4.70856528	4.03377388	3.87150276	4.25419074	4.66091969	4.4418102
0.36567567	1.21372485	0.52398242	0.28363669	1.00E-04	0.43637626	0.09464396
2.61408896	1.62709353	1.23472231	1.91949568	1.05070843	1.00E-04	0.17490729
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0348997	0.96842113	1.23951329	1.30326368	0.38488463	1.48871125	1.62852838
0.85254716	1.27952346	0.6615789	0.90091872	3.352214	3.07312623	1.78422306
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12524346	1.76314835	1.8144346	1.75325761	1.60723582	2.26786878	1.84566163
1.00E-04	0.51632215	0.3605341	0.17215578	1.15720948	0.46352815	0.13785291
1.28875792	1.7760883	0.97036854	1.11290254	2.23906225	1.83334955	1.37295428
2.30614151	2.6135646	2.29421943	2.3694456	2.68098649	2.18176108	1.89621471
2.3529884	2.47254202	2.19488702	2.49018396	0.70997801	0.77977391	1.00E-04
3.37489814	4.03578642	4.35486566	4.42149107	1.5620706	3.02844161	3.27940915
4.18872731	4.68948961	5.24619057	5.13026209	3.49366508	4.14758468	5.19985209
1.00E-04	1.00E-04	1.00E-04	0.07038113	1.00E-04	1.00E-04	1.00E-04
3.5189786	3.97778388	4.53306665	4.60788406	2.44473108	2.77237291	3.25737773
0.27089922	0.42724995	0.29765305	0.51021824	0.69158286	1.23751015	1.00E-04
3.67614771	4.18728003	4.62860681	4.75211223	3.23672189	3.50670898	4.29875077
1.19132627	0.82207637	1.44725749	1.71759637	0.78234266	1.76202963	1.24991135
1.00E-04	1.00E-04	0.09536609	0.15660219	1.20139782	1.30322016	0.25296089
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.22871688	3.95232948	3.84112869	3.89517293	1.79211693	2.81571809	3.19656965
1.91401092	2.18283887	2.17615853	2.03289201	3.83191716	3.47410417	3.76411908
2.05456188	2.19491968	2.04830193	2.26264732	2.5283613	2.19372559	2.03542867
2.06920228	2.22042142	1.68543918	1.76077674	2.01420709	1.8869068	1.66480948
1.20083031	1.78742023	2.00589674	2.11754679	1.09290759	1.92494692	2.2446003
3.509616	3.60143186	3.40340361	3.59320436	3.59591183	3.43000139	3.29311493
4.24849696	4.27318191	3.84091593	3.842559	3.71714673	4.22407627	3.47802173
2.83905858	3.01177442	2.59171187	2.78110854	2.98345587	2.95423683	2.61599439
2.6779173	2.67125616	2.63046392	3.01732758	2.6209395	2.45726523	2.35933422
3.14781093	2.73930388	2.62905978	2.4789327	2.95787599	2.63591731	2.37920378
2.9928137	3.22351038	3.94479731	4.01866904	2.57339228	2.80179733	3.91069154
1.64382386	1.56637576	1.62678428	1.16666824	1.51527133	2.47150405	2.15085911
1.00E-04	0.22931551	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39284689	1.73674784	1.48968933	1.02015095	0.78094411	0.77574921	2.83040239
2.59989724	2.85691421	2.47933996	2.49813885	2.89849766	3.07046066	2.6546981
4.92077563	5.27003414	4.83065858	4.52131647	5.77102767	6.04821895	5.72581091
1.00E-04	1.00E-04	0.24903127	0.0782882	1.00E-04	1.00E-04	0.53377849

2.171543	2.62389841	2.85179659	2.93440237	1.19789065	1.68380084	2.40531839
3.27917664	2.81329583	2.45859577	2.39494036	2.27053624	2.61323518	2.9317416
1.69669254	1.80253687	1.50283344	1.79712516	1.03601928	2.04899561	2.41028282
5.32723751	5.53131665	5.01141175	4.95039629	5.95393402	5.98154496	5.72923221
4.91498059	4.98789998	4.73299018	4.75886221	5.17350192	5.39408664	5.13057251
0.77328432	1.74246901	1.18123331	1.43064939	0.90205209	1.17174162	1.07375571
3.60900162	4.13139675	3.92995986	4.02193371	4.07269487	4.1382698	4.02826683
3.12093717	3.09903215	2.98376174	2.85081379	3.26343206	3.38730677	3.20671703
1.00E-04	1.00E-04	0.05605742	0.14533345	1.00E-04	1.00E-04	1.00E-04
0.38788008	0.95745633	0.35914806	0.29576338	0.63583153	0.95150684	0.45309424
2.527498	2.84101653	2.79272696	2.80449042	2.62284354	2.49909687	2.93625283
1.60339955	1.85930191	1.623159	1.6120878	1.19140118	1.90227583	1.96696176
0.96131438	1.88432524	1.68024036	1.20254659	2.92704125	2.67686887	2.95928755
3.32751142	3.63658957	2.73179031	2.77467216	0.38091442	0.71696959	1.23562548
3.48124891	3.61906296	3.6664228	3.67527101	3.33847767	3.38879904	3.46510741
1.44435947	1.14538842	0.84041792	0.92796024	1.3400827	1.9967875	1.81869652
4.16495744	4.40978543	4.00025788	3.91754998	4.18243741	4.19830841	3.84450244
4.36808428	4.93960497	5.68586755	5.66933674	4.31614601	5.13509802	5.89533419
2.29762769	2.98928749	3.4832186	3.46963996	2.43681181	3.39636614	4.11372706
4.43082541	4.4464365	4.05240694	4.0750475	4.51259479	4.99923989	4.23093398
3.35932309	3.54057454	3.55854911	3.49648007	3.53404789	3.79490326	3.62554257
3.45662596	3.70541184	4.01827269	4.02709839	2.87071779	3.43307829	3.45837764
3.34630167	3.20923184	2.84106789	2.90600539	3.09880729	3.98373918	3.25585749
2.01526519	2.45943215	3.34849166	3.42614654	1.45866285	2.52000559	3.23752495
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	0.11832637	1.00E-04	0.24496797	1.00871504	0.78347113
2.9473731	2.69752681	3.53569257	3.7638153	1.78505634	2.9096276	3.34769377
5.69521994	6.05219647	5.97114901	6.31270683	4.83496972	5.23390895	5.89756605
3.22247102	3.64750042	3.99836196	4.1218551	3.51939789	3.47864624	4.40179185
3.70664426	3.96453846	4.61447802	4.6772881	3.27730561	3.61297179	4.10144093
2.36238471	2.50868268	2.50096078	2.77570592	2.84936504	2.69944548	2.82684124
4.10903277	4.44381382	4.2751651	4.29904717	3.88211559	4.41362082	4.00444174
2.90950142	2.87396792	2.65715806	2.75416009	2.79849857	2.98058203	2.90452315
1.38499502	1.52355446	0.80681256	1.12888294	1.00E-04	0.55308547	0.49508273
3.07848166	3.33076168	3.18353985	3.22529528	3.36158792	3.66397329	3.5827072
1.00E-04	0.41460885	0.85726642	0.72553581	1.22746521	1.00E-04	2.12483037
1.00E-04	1.00E-04	1.00E-04	0.04816197	1.00E-04	1.00E-04	1.0861377
0.39948227	0.25270703	0.16534678	0.13112242	1.00E-04	1.00E-04	0.19124552
2.84291857	3.13609328	4.22799429	3.70096826	3.27859368	3.64556317	5.49319502
1.23954107	1.67807398	1.68420402	2.06541464	1.25831351	1.95202876	1.07738607
1.77446927	2.13123485	2.49153632	2.40707572	2.17945394	3.06902598	2.39287162
3.28310748	3.37169612	3.20862254	3.26631081	3.80533581	3.47466672	3.02171948

4.52511711	4.91457795	5.06954917	5.10239504	4.63703381	4.82080066	4.9749353
0.61341123	0.94048929	0.4625415	0.33859267	0.80624102	1.00E-04	1.00E-04
3.4270432	3.45141879	3.54355946	3.58020429	3.46774953	3.45180877	3.28222298
4.73709468	4.99833166	4.80094366	4.82102142	4.8691033	4.85323899	4.73913545
0.38970522	1.91987281	0.80549514	0.827188	1.03333296	1.58636733	0.5896994
2.54893277	2.95812143	2.99592043	2.78624904	2.24784026	2.95080299	2.75686726
0.32898264	0.94267381	0.94452256	0.68315544	0.45889659	1.08922129	2.43987356
3.5480968	3.52962416	3.7268076	3.76950004	3.5297009	3.39689439	3.61268377
4.25777473	4.26333847	4.30481048	4.34156606	3.95573667	4.17266829	4.31760494
3.93181011	4.13264312	3.83969836	3.99355056	4.07236814	4.16553109	3.82437653
3.08528607	3.21524997	3.30020581	3.29514351	2.96319661	3.01890726	3.44646686
6.13655655	6.41680804	7.58175391	7.72913394	5.57114425	5.98634694	7.52014636
4.57533698	4.59048457	4.29361997	4.15245521	4.68648364	4.92071108	4.56849091
2.61782321	3.16759265	3.17465557	3.18908134	1.92624679	2.48394339	3.47604925
2.66229979	2.96233612	3.10788723	3.14815462	1.40669984	2.48735538	3.34540807
5.91748025	6.005224	5.82430848	5.62948641	5.3571892	5.56015557	5.27996426
1.26466425	1.96682719	2.07826149	2.17102234	1.34884351	1.71895678	2.02062532
3.62309097	4.26078022	4.31796701	4.39202526	3.72931626	4.26683764	4.07941582
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2.10631183	1.69674891	1.58853011	1.570846	2.0277855	2.1347351	1.86890149
4.58635024	4.74217415	4.46881381	4.44076863	4.67669749	4.86612622	4.65114409
4.01950176	4.22265607	3.92192212	3.92768652	4.24908395	4.35886414	4.0431217
4.75208219	4.75064182	4.33162787	4.50958183	0.59189493	0.63592686	1.46683658
5.03188414	5.04077299	4.94001833	4.58664312	3.81644533	4.26480522	4.04836229
5.22422721	5.76081808	6.49526337	6.32542814	4.70427092	5.3405664	6.62307896
5.58080297	6.08690126	6.65916422	6.69977137	5.25855138	5.46922415	6.09554862
1.00E-04	1.00E-04	0.28960159	0.04394444	1.00E-04	1.00E-04	1.00E-04
3.00198376	3.38305238	3.55372968	3.57292316	3.44212559	2.76880589	3.72643792
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1.00E-04	0.40068626	0.28474399	0.18848563	1.00E-04	1.00E-04	1.00E-04
2.73193899	3.19569812	3.3669581	3.43052187	2.80024651	3.00655105	3.36940964
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5.33152198	5.62909556	5.68224058	5.6953058	5.25554138	5.57120982	5.70797234
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4.19126341	4.29818459	3.9953908	4.06111764	4.77350747	4.95060204	4.45915059
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4.99037289	5.20134494	4.80693986	4.72628492	5.4551112	5.46686134	5.12641814
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3.43142436	3.86598751	4.08712994	4.04815233	2.4386109	3.70481563	3.53527016
2.81074156	2.82440015	3.48805943	3.53123161	2.78479772	2.51831755	3.28803438
3.99056608	4.28187136	4.3082551	4.38729171	3.96414402	4.18879567	4.40665876
3.79484454	3.76248144	3.51296115	3.35770501	4.17478092	4.39047959	3.95826905
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1.00E-04	0.25119537	0.03776623	0.06267796	1.26256275	1.53104367	0.59075701
0.78410731	0.79248118	0.47107611	0.16183022	0.69158286	0.93653373	1.02395012
4.63415576	5.0029801	4.81034216	4.78387552	4.96695335	4.98923107	4.73921221
3.02248422	3.3340464	3.87443566	3.70585579	2.40275661	2.98199573	3.81812386
0.79239982	0.3226256	1.34671412	1.5349991	0.65910354	1.31169683	1.84865739
1.00E-04	0.12853039	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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3.74872248	3.81420635	3.90404233	3.96523303	3.89683678	3.84115913	3.9468242
4.42615796	4.61076261	4.40164506	4.46582037	5.20853568	5.06953882	5.00261854
3.58072356	3.70964136	3.59052088	3.75416261	3.61901215	3.78881734	3.58239513
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2.19981239	2.48402146	2.56056918	2.5450501	2.06647122	2.53934428	2.47367913
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2.70199398	3.26879876	2.64387323	2.61286107	3.11181831	2.89529361	2.96683942
4.50531955	4.52600872	4.18751647	4.23871516	4.59246645	4.42919913	4.32048071
4.09557829	4.22699928	4.10554805	4.20868273	4.19454908	4.32101337	4.03472968
2.27255307	2.77207257	2.7938204	2.97106055	2.21594803	2.48164401	2.3361835
1.00E-04	0.60953634	1.00E-04	1.00E-04	1.00E-04	0.20839209	1.00E-04
2.19414871	2.70549323	2.36551994	2.48415668	2.32909288	2.51911696	2.24872152
1.25639678	2.02506152	1.01486416	0.96087783	1.2431499	2.54838977	1.25086087
5.24506294	5.40371641	5.01231778	4.96446931	5.13315047	5.45605795	4.96135608

5.19324493	5.39991431	5.00912625	4.93926378	5.10433979	5.36889372	4.91346834
5.36050448	5.58558357	5.07687553	4.96485951	5.22899081	5.54924891	4.88036758
4.69986779	4.78944504	4.34354653	4.30056547	4.49155358	4.93289858	4.26716597
5.49517548	5.46476455	5.104175	5.05888222	5.89709675	5.64868946	5.18732644
2.71670889	3.20253567	3.1201215	3.20128874	2.23133109	2.8598202	2.8978229
1.50938464	2.17112877	1.56227063	1.29374804	2.98333927	2.50308097	2.77823048
3.36243435	3.68685791	3.42932521	3.57125075	2.78810517	3.90062393	3.51389261
4.06380166	4.29085852	4.37893795	4.36857019	4.21820536	4.1633879	4.3175106
4.32263754	4.59281553	5.27550732	5.36947604	4.08262722	4.29081323	5.31369308
0.47996984	0.57255044	0.96663588	0.77562006	1.00E-04	1.98662974	1.00E-04
1.1605037	1.5351113	1.30894783	1.40254468	1.93989173	1.07434663	1.56530339
3.42749885	3.70629465	3.56684295	3.66580002	3.26809348	3.88187283	3.86526452
3.48417078	3.6795647	3.45988764	3.37634254	2.86047757	3.63861579	3.25000336
4.59789384	4.90225375	4.96233766	5.03949357	4.43563836	4.79685445	4.97964273
2.36593763	2.77616645	3.2279163	3.41747168	2.16903525	2.36866853	3.30808883
4.44775342	4.53575313	4.26841832	4.31952687	4.44411572	4.81275174	4.43514648
1.26318873	1.58418123	1.5825572	1.3208359	0.80936613	1.99450562	1.72168425
0.50790913	0.69193901	0.20862395	0.07899646	0.40975599	1.31753658	0.50643658
3.8755214	4.19174894	4.08536491	4.11313112	3.78597461	3.92412517	3.82898215
3.35355829	3.34883571	3.37471531	3.39039354	3.15953294	3.55186206	3.61848569
1.32906715	1.47436635	1.70218192	1.73619706	0.86760318	1.33164506	1.44303813
3.2887161	3.49212075	3.0865174	3.15618577	3.90328961	4.33791913	3.45937502
3.35824493	3.58628317	3.41363385	3.5120105	3.15738581	2.93520208	3.28417075
1.00E-04	1.00E-04	0.14899689	0.15979142	1.00E-04	1.00E-04	1.00E-04
0.34931005	0.80336553	1.14584487	0.59339535	0.56063254	0.7259724	0.81407627
1.00E-04	0.15268492	0.0782629	0.22976367	1.00E-04	1.00E-04	1.00E-04
3.07749719	3.66384509	3.98038829	4.03217772	3.10807532	3.76309655	4.3283981
0.80187515	1.36377519	0.74813233	1.03467215	0.80259813	1.00E-04	1.05802971
3.96209579	4.29399981	3.97322661	3.89125737	4.12628963	4.28192542	4.08009715
3.55537033	3.8880103	4.49194933	4.56742715	3.57663189	3.95829594	4.51884988
3.62921996	3.93198744	4.0285552	4.14889846	4.21800304	3.94643428	4.05373506
3.55810557	3.64582839	3.57259338	3.76922826	3.66579891	3.53162109	3.8485841
3.30971488	3.56273673	3.90049874	4.02253344	2.78431108	3.5528023	3.74453854
2.95057826	3.08060016	2.71769852	2.81119032	3.05335823	3.2795025	3.27244608
3.65663421	3.81866784	3.55375843	3.49846592	5.58377589	5.47058358	5.11385065
2.18304105	2.41352742	2.47975489	2.75226693	2.33260944	1.76056969	2.21241303
4.40580568	4.61802851	4.14781933	4.14949545	4.11214262	4.13886945	3.93422807
1.00E-04	1.48153834	1.20090871	1.02900043	2.12987727	1.40290169	1.44250706
3.71806028	3.94931548	3.88151442	3.89349076	3.94423133	3.5915306	3.6741769
1.00E-04	1.00E-04	0.07953157	1.00E-04	1.00E-04	1.28296476	1.00E-04
1.00E-04	0.22141431	0.10671674	0.12705234	1.00E-04	0.77796666	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75353298
1.00E-04	1.00E-04	0.10984105	0.24177671	1.00E-04	1.00E-04	1.00E-04
4.09293652	4.30846988	4.20391198	4.17427212	4.34254891	4.54921268	4.64755671
1.32512881	1.3465591	1.40432414	1.39893862	3.08457996	2.25132243	1.5801306
2.68766758	3.09267258	2.64940781	2.60487107	2.3180003	3.39259694	2.85975956
4.57889877	4.85745674	4.48824744	4.36627988	5.35261644	5.42456103	4.91232037
4.89003673	5.04603779	4.66122102	4.70317332	5.18349765	5.35270859	4.98627528
4.49546257	4.36008162	4.2183001	4.22968476	4.45175419	4.82808813	4.23632564
2.66996744	2.66467053	2.20501946	2.40472068	3.90577838	3.02939599	2.84657346
4.23307538	4.45878226	4.04271851	4.05755302	3.29642561	3.90941338	3.52195367
2.01126418	2.30946009	2.47329877	2.50553138	2.21031618	2.75790227	2.5559157
4.09063547	4.68675342	4.12136981	4.00861877	4.697791	5.00766897	4.47278732
4.82402932	5.01809302	4.60393975	4.59222727	4.66973226	5.25315079	4.71572004
1.00E-04	0.25289728	1.00E-04	1.00E-04	0.68552334	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07813495	0.56063254	1.00E-04	1.00E-04
2.70588164	2.99203247	3.00322953	3.04021179	2.81629415	2.49908886	2.92442976
1.74968465	2.38976425	2.77436778	2.93060604	2.80689991	3.15207298	3.97018703
1.4116947	2.10361347	2.02897508	1.98026027	1.58222288	1.68564769	1.87907099
1.00E-04	0.20082763	0.23733948	0.37250575	1.19312143	0.39723272	0.21257887
1.98763882	1.87825394	1.2972969	1.5648188	2.29777405	2.20982309	2.9778643
1.00E-04	0.97994874	0.26416713	0.31158199	0.24496797	1.22010565	0.28754422
3.29154444	3.3039428	3.29391291	3.40194937	2.99899949	3.23546219	3.19935808
2.08648412	2.32194195	2.821423	2.88533279	2.23605991	2.70032607	2.52796732
1.00E-04	0.51562375	0.72698599	0.72786319	1.00E-04	1.00E-04	1.00E-04
2.65659432	3.22796004	3.72147101	3.83593072	2.72935667	2.99332205	3.47334966
1.00E-04	1.00E-04	0.19922358	0.04242377	1.00E-04	1.00E-04	1.00E-04
0.17887386	0.27233089	0.53990371	0.43630629	1.38773822	1.39283998	1.43983769
0.23195437	0.38961684	0.40925727	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.1551209	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.26763605	0.85391285	0.81270663	1.00E-04	0.38375241	1.00E-04
1.00E-04	0.43847261	0.13498552	0.26764833	1.00E-04	1.00E-04	1.00E-04
0.17727073	1.00E-04	0.10481122	0.0715998	1.00E-04	1.00E-04	1.00E-04
2.74978	3.13727661	2.85669293	3.01973114	4.21269678	4.58578566	4.14377279
0.88562682	1.33890024	1.24524399	1.38760322	1.73337717	1.42829481	1.99996004
3.38850113	3.57374113	3.13091183	3.25090504	3.99108021	3.83806591	3.17490609
3.38886422	3.51601914	3.05372685	2.99927167	3.04799759	3.54789937	3.08788296
1.1442636	0.18705269	0.67313505	0.40339493	1.2723012	0.2210583	1.00E-04
3.88038387	3.8995984	3.61478592	3.60729206	4.05938176	4.02310625	3.53691667
4.75660945	4.86815556	4.67422869	4.69104056	5.16573779	5.06075134	4.85726509
3.11343893	3.42812944	3.35474492	3.42139839	3.62875435	3.74996385	4.20855402
2.78734671	2.95056072	3.08713331	3.25096584	2.84232535	3.13796494	3.21979677

0.50790913	0.1008123	0.12074166	0.07419318	1.00E-04	0.11240321	1.00E-04
1.00E-04	0.39672578	0.32640705	0.52644077	1.00E-04	0.12583522	0.11808513
1.00E-04	1.00E-04	0.07928774	1.00E-04	1.00E-04	1.00E-04	0.220236
0.46981217	0.99194671	0.84890162	0.73411002	1.00E-04	0.89719825	0.93739311
0.75551968	0.92759904	0.57593154	0.49453743	1.00909502	1.21890146	0.98369647
1.00E-04	1.00E-04	0.12889108	0.22914768	1.00E-04	1.00E-04	1.00E-04
3.59500022	3.76024139	3.71391397	3.81777776	0.51102197	1.1566011	2.64711797
1.00E-04	1.00E-04	0.07247898	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.55653007	2.44576189	2.61602959	2.47527329	2.36369085	2.28946841	1.97233058
2.6362529	3.4966774	4.07484592	4.22791747	1.59328767	2.48137271	3.703221
3.87648401	4.3051162	5.14647208	5.24667159	3.20221851	3.95825421	5.05638765
3.39811834	3.93858764	4.15596609	4.10709511	2.85042049	3.29943302	3.76006422
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1.00E-04	1.00E-04	1.00E-04	0.10974335	1.00E-04	1.00E-04	1.00E-04
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2.53059219	2.37737525	2.28765837	2.25134198	3.01120122	2.65104901	2.39748427
3.60961751	3.66513642	3.47018209	3.57180235	3.83111373	3.92579181	3.58901568
5.15373262	5.35183186	5.13608256	5.1251288	4.87585334	5.30386353	5.10951216
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.89323872	2.83555174	2.76754382	2.68250788	1.7797195	2.15714015	2.77725633
2.88558833	3.15367457	3.19959886	3.16478997	1.81815986	2.52821009	2.6834638
2.21285655	2.68987779	2.93074029	3.03564406	1.64985828	2.86377418	3.21606826
2.13289583	2.59628075	2.45179737	2.64818518	3.32411774	3.28513407	3.47777944
3.47699323	3.59825557	3.77154675	3.86126508	3.65261968	3.84760339	3.65274241
3.70168565	3.70464556	3.32705228	3.20684515	4.08382439	3.89940105	3.86234543
1.00E-04	1.00E-04	0.04628561	0.25552105	1.00E-04	1.00E-04	1.00E-04
1.3684188	0.38252018	0.51845638	0.49685113	1.00E-04	0.92731346	0.54150338
0.15695969	0.69267794	0.3414158	0.31255927	1.00E-04	0.2210583	0.39689629
4.35161313	4.56637254	4.34260086	4.37463217	4.27180606	4.68690415	4.52038626
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4.66857826	4.73927454	4.4265623	4.27196129	5.42054879	5.35526296	4.83871814
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4.11370576	4.28236378	4.09096376	4.10080104	3.75862507	4.19396257	3.91340887
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0.89478566	1.28175655	1.04291781	1.18226794	1.63103521	0.77874726	0.54977531
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6.25266699	6.35565949	5.9894242	5.84500911	6.263468	6.47440568	6.03393389
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2.0025999	2.81752498	2.27249691	2.27340614	2.26628741	3.12146645	2.85933408
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2.8443332	3.17497627	3.04075813	3.04457677	2.42834947	2.91063376	2.69492612
1.48654176	2.60027881	1.96734694	1.73870357	2.79651856	2.28991416	1.93385545
1.04223319	1.33027177	1.28982574	1.28331533	1.00E-04	1.41698589	0.75568776
2.47394905	2.51885832	2.36681177	2.28535064	2.78801354	2.81545234	2.81650387
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4.56630456	4.64812426	4.37399482	4.34735729	4.67376773	5.02514727	4.67673524
5.45311676	5.55456611	5.10221463	5.01660692	5.61001636	5.60670008	5.23761171
4.81573295	5.12701152	4.82476122	4.6980672	4.78674175	5.47381292	4.96887886
3.66304184	3.38290901	3.45085139	3.55262642	3.11749677	3.94078975	3.4941803
2.13173338	2.75101732	2.70238302	1.95312379	5.08868473	5.02580366	4.82901121
1.00E-04	1.00E-04	0.05481222	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06591978	2.35722918	2.81847585	2.91254243	2.05945092	2.3785626	2.81398487

2.55873925	2.95335977	2.9376239	2.93900021	2.71377466	3.04010825	2.8152656
2.69602274	2.75787399	2.57746948	2.76353793	1.19567867	2.95082088	2.05379778
2.10878657	1.80811149	1.62213904	1.68351582	1.95213879	2.21232903	0.91986327
3.67948298	3.88193533	3.76627917	3.74130314	4.25515502	3.90783337	3.76975948
3.75626104	4.01008336	3.45427893	3.57648281	3.98301839	4.14016288	3.42524504
2.38712367	2.90253795	3.33280685	3.33041154	1.81281384	2.76411942	3.27023587
2.73714343	3.05991669	2.89017165	2.89145191	2.39939033	2.81715999	2.48649864
2.68268633	2.49714414	2.82216097	2.88941838	1.93425923	2.56912034	3.04194528
2.59280925	2.78001942	2.6513581	2.60053552	2.77866586	3.26190893	2.92335005
3.36015763	3.16568327	3.25248658	3.35743375	3.12382928	3.54701274	3.67667776
6.39948938	6.55183943	6.08921783	5.99005503	6.32257002	6.5747745	6.05468385
1.00E-04	0.52525153	0.4196294	0.97369382	1.00E-04	0.11466061	1.00E-04
1.00E-04	0.06964474	0.35892127	0.29342729	2.93111944	2.89597347	3.25684137
5.30055784	5.62036027	5.30734987	5.13506612	5.25763791	5.88549752	5.38748722
5.31371154	5.6329118	5.14912409	5.09805187	6.59264387	6.68115944	6.25127297
2.7573321	2.32252497	1.94329733	2.02212549	2.36162165	1.8177203	1.95046513
4.74224834	4.83646887	4.49173813	4.51874803	4.17869848	4.51479243	4.15743885
1.87313357	2.57100375	3.19289888	3.23542159	1.15311732	2.33003243	2.93181378
3.79135855	3.95204055	3.51899358	3.41276986	3.99118153	4.27897358	3.93676383
2.03727792	1.31472711	1.74887337	1.70857114	1.13599618	1.57583937	1.13352175
3.37308329	3.27558284	3.39193246	3.4539368	2.83965544	2.94323327	3.50505211
2.87862648	3.02070302	3.23432089	3.29712938	2.79529862	3.03220209	3.21828092
3.49918476	3.6676658	3.48267951	3.69123328	3.21739016	3.34156773	3.87169839
2.96672148	3.34865901	4.11773365	4.25416443	3.02803488	3.28730628	4.24961677
2.80539996	3.25194797	3.14167854	3.18626595	2.60082242	3.49819416	3.26353262
3.68684604	4.07388884	4.88645356	4.88958334	3.90897764	4.32609967	5.52675173
2.22419313	2.18241287	2.02829502	2.00415978	1.00E-04	1.30849976	1.145965
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4683059	1.00E-04	1.00E-04
4.81165033	4.93995526	5.04245909	5.0057049	4.8456869	5.174665	5.51544274
4.2120891	4.18513739	3.84415472	4.01788868	3.76551926	3.9221669	3.68799283
2.48804839	3.15765207	2.81019459	3.04132808	1.9358924	2.7291745	2.81622163
1.44847648	1.89539477	1.75268918	1.90859984	1.42342662	2.01698123	1.8180223
0.38342914	0.27985786	0.32486072	0.48779096	2.05977164	2.31354123	1.89821452
0.94505274	1.06744384	1.33830743	1.50316018	4.09915219	2.59028288	3.04121005
0.72769107	0.3814864	0.67772299	0.66962944	1.00E-04	1.48694042	1.26930432
3.83515026	4.16320769	4.38877041	4.54942578	4.04134616	4.43863246	5.04941988
2.3458223	2.71110084	2.82613898	3.00241198	1.63171556	2.75423319	3.15369027
0.57935171	0.44614463	0.21502609	0.38257485	1.4154127	1.00E-04	1.00E-04
5.00087073	5.01372679	4.67552323	4.6044773	5.07030234	5.3646101	5.05648409
2.38412868	2.2722412	1.63543132	1.74307231	5.5505727	5.89287139	5.03399611
4.84880314	4.92261909	4.6549464	4.48093473	6.20295237	6.09954094	5.80977869
1.00E-04	1.00E-04	0.05296647	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.97944936	3.07107664	3.81378338	3.90085405	2.30463031	3.00309629	3.56606824

1.00E-04	1.00E-04	0.03875094	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49849308	0.96523192	1.42223803	0.87200202	1.44771701	0.66412067	2.03242034
3.50495624	4.07773091	3.34014955	3.45720487	3.82765293	3.91042947	3.98009253
4.50985897	4.64921485	4.9138696	4.89302617	4.57257399	4.77566201	4.90295524
3.73982892	3.70499131	3.41781144	3.59781117	3.39146523	3.87983961	3.30135691
3.08911233	3.35084274	3.19430217	3.13505187	3.24702646	3.48934411	3.25879733
3.49462202	3.89873435	4.31627324	4.39216047	3.18513678	3.38784271	4.18552915
3.95333063	4.13905216	4.64030341	4.71075078	3.78783125	4.30333503	4.8851492
3.63275788	4.05974683	4.58219665	4.5641915	3.91915208	3.80238699	4.46634265
2.70304589	2.94122722	2.15812765	2.56428105	2.27600356	2.51411558	1.46824996
0.92200009	1.54241434	0.93060821	1.03818519	0.40674922	0.84058822	1.00E-04
2.38156835	2.63734855	2.95353373	2.95565749	2.72442793	3.31308949	3.95532024
0.21383266	1.00E-04	0.04984515	0.11903152	1.00E-04	0.28215124	0.30631903
1.00E-04	0.1551209	0.19974528	0.14120481	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44627296	0.34659884	0.25314067	0.30841535	1.00E-04	1.00E-04	0.54590936
3.45296214	3.81456774	3.87606613	3.98040892	2.62163016	3.41967305	3.55200409
4.08078578	4.03955303	3.76596846	3.80513338	4.03831505	4.45155392	4.1002813
0.76555148	0.49466719	1.25920193	0.94552702	1.00E-04	0.41188762	0.23204834
1.00E-04	0.19046311	0.03472422	0.07837603	1.00E-04	1.00E-04	1.00E-04
0.71732296	0.27077457	0.05287276	0.26331618	1.00E-04	1.00E-04	1.00E-04
4.07379207	4.33341425	4.14104248	4.14140568	4.76210472	4.62539131	4.27620255
2.7606218	2.86185704	2.89048377	3.04336688	2.86670336	2.88759834	3.13528045
2.25631981	2.53405174	2.4150726	2.4470928	1.77461495	2.39839526	2.71841345
1.00E-04	0.33267397	0.59080463	0.32864828	1.00E-04	1.00E-04	1.00E-04
6.59685127	6.72087671	7.34191266	7.54091553	5.80836577	6.12165695	7.41273118
2.58584988	2.56396103	2.41875502	2.64908088	2.43999248	2.73444089	2.93575125
2.08447688	1.98113842	1.73876328	1.76844773	1.42357205	0.33769545	1.1225644
3.23901527	1.93289094	1.39710686	2.30587396	0.38488463	0.5512168	1.00E-04
3.77848984	3.95698795	3.801749	4.00529917	3.87413206	4.07031259	3.66532632
0.26842597	0.3831646	0.2640696	0.33202645	1.00E-04	0.40848101	0.50814514
1.98344104	2.27097427	2.94096235	2.80088734	1.03310757	1.5442965	2.85623091
3.80225164	4.16082693	3.5963611	3.69272973	4.1746368	4.18342319	4.22765888
0.28742455	0.22832932	0.11297081	0.29028912	3.58368887	2.71440685	1.61362012
2.6430457	2.78825992	3.54462812	3.59457707	2.09641667	2.00098316	3.35871198
0.69422111	1.71040549	0.93558509	1.40876873	1.80584005	1.00E-04	1.18153443
2.49244224	4.23892889	4.49158972	4.17070626	2.17434137	4.15952453	4.75084442
4.80458684	5.20872047	4.88366342	4.89250407	4.82785969	5.28210889	4.99630978
4.7287945	4.81890228	4.5863837	4.55282682	5.55414506	5.97708418	5.57110766
1.00E-04	1.00E-04	0.08198064	0.10267736	2.07340808	2.78978909	4.44915151
3.0038782	3.41633992	3.17382709	3.38246957	2.55888716	2.83739549	3.15999752
4.57992245	4.51694354	4.2415863	4.20166507	3.91201019	4.09698943	3.92746531
6.54830375	6.72137065	6.26340842	6.06509879	6.67407653	6.92741817	6.36429722

5.52864689	5.56904576	5.23485221	5.16792574	5.74642393	5.59994809	5.30775279
5.09776215	5.40114069	4.70694278	4.60462789	4.94865018	5.2435086	4.55022815
2.60909915	3.0665601	2.96527213	3.09989243	3.01715537	3.22657772	2.83586172
1.83866186	2.40770637	2.19818189	2.09180423	2.12665881	2.43722378	2.62601082
1.801934	2.33191206	2.76870604	2.67561644	1.77900237	1.99336205	3.01042627
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2.81699638	3.16119914	3.48778807	3.55657597	1.96192844	1.44975645	2.77680192
3.40975719	3.2436981	3.33380854	3.46816149	3.06269594	3.35020072	3.27261274
3.07390079	3.54003191	4.26906083	4.31978253	2.8464966	3.15716609	4.0329219
3.06109907	3.70950562	4.38545067	4.44167888	3.12632847	3.47211865	4.41732929
3.08312608	3.14401091	2.9335344	2.86319778	3.39212025	3.48367826	2.73537047
2.12977442	1.99689699	2.02913831	2.22980105	2.66843646	2.44008075	2.48280183
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4.37279694	4.47061457	4.02671278	4.05657655	4.55736025	4.81250012	4.32093719
3.97016012	4.11330512	4.20995333	4.13020894	4.35282493	4.5129571	4.5323618
3.54214891	3.60618129	3.49324617	3.51975059	3.53724735	3.58537347	3.31468357
3.71359179	3.91318394	3.84365983	3.37947219	3.53122513	3.81214144	3.20286622
1.17672741	0.95839553	0.83995277	0.93137121	1.73480863	1.03548171	1.23130182
0.15737099	0.30143376	0.2884229	0.40417545	1.00E-04	0.61996741	1.0581204
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3.99894546	4.11626506	3.93115145	3.96084144	4.6325378	4.56527257	4.29219809
2.93658979	3.13581847	2.94837094	2.91411143	3.7923081	3.74807245	3.4002934
2.76949591	3.08184445	2.9500393	3.07622663	2.963553	2.4759973	2.7720366
3.9754027	3.98512136	4.06914899	4.23085828	4.08855844	4.06381847	4.04608046
3.79655971	3.92903965	3.56593678	3.64257704	4.08893209	4.29512143	4.0009948
3.48465606	3.96236401	3.87727501	3.92061482	3.97340114	4.07525278	4.01743221
2.79814178	2.86452119	2.47891344	2.47361941	2.95547916	3.2373836	2.86669504
4.51122308	4.75062796	4.19089293	4.1278768	4.58060892	4.74312064	4.32206865
4.88126356	5.11391484	4.44788709	4.47888452	3.61119273	4.18545661	3.7714807
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4.90634213	4.97422295	4.66021235	4.5916317	5.15568466	5.25689276	4.94687771
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4.58256036	4.64128051	4.52826482	4.40703107	4.13589882	4.45923066	4.4854978
4.82553424	4.78945003	4.53792927	4.606447	4.88820226	5.41740326	4.8846969
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1.00E-04	1.00E-04	0.11409617	0.06432251	1.00E-04	1.00E-04	1.00E-04
1.20549635	1.92523372	1.38791624	1.63870492	0.74910948	0.62757209	1.40883046
0.23251313	0.48296706	0.2607591	0.66132825	1.00E-04	0.88634161	0.32293774
0.52810394	1.00E-04	0.87382555	0.60269757	1.76266776	0.71385281	0.56814193
1.00E-04	1.00E-04	0.06727521	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07045211	1.00E-04	1.00E-04	1.00E-04
0.1874069	0.48076231	0.86574951	0.71096849	1.00E-04	1.00E-04	0.75265507
2.4442815	2.69315133	3.07252357	3.37532828	1.05262546	1.00E-04	0.25914986

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0.33342268	1.00E-04	0.21559508	0.36430451	1.00E-04	1.00E-04	0.23329206
0.68952243	1.25048845	1.22280951	1.14844025	1.00E-04	1.05999245	1.48857485
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0.32656027	0.30647493	0.3986179	0.24764125	1.00E-04	0.73756941	0.34032951
0.64564775	1.16911679	0.99058324	1.17644219	0.56063254	1.00E-04	0.13866036
1.46693871	2.09051704	1.8132876	2.02792021	1.00639663	1.23923585	1.45122444
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0.24487091	0.13353489	0.300626	0.32853523	1.00E-04	0.25244024	0.48557043
4.52726124	4.50968255	4.36969475	4.35018247	4.50237937	4.45953236	4.32196434
0.19900397	0.76246284	0.5362548	0.52889565	1.00E-04	1.00E-04	1.00E-04
5.81602339	6.11961992	5.55001232	5.49793103	6.06439302	6.31047365	5.68611215
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47386573	0.67786195	0.73911678	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.63260552	0.06340516	0.26687328	2.2572983	1.28681525	1.25558141
1.35625521	2.18258766	1.57168956	1.82132345	1.95746663	2.5823809	2.02344448
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1.00E-04	1.00E-04	0.11844618	0.10458543	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11557666	1.00E-04	1.00E-04	0.16257726
0.49175658	0.98873404	0.48791913	0.64129212	1.00E-04	0.11293056	0.31424664
4.36342588	4.43720881	3.90770028	3.86026204	4.82804145	4.95526754	4.48515146
0.21690073	1.12678594	0.3647805	0.57971913	1.00E-04	0.39173741	1.71734327
1.00E-04	0.84645532	0.03432544	0.05615454	2.57665051	3.15670675	2.31689666
0.86790868	0.8176958	0.3335223	0.76520656	1.00E-04	0.33769545	0.59381098
2.41963397	2.8347959	1.59642885	2.00093833	2.31935066	3.21087344	3.47711196
0.16220814	1.00E-04	0.04170696	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.69936385	5.87365615	5.62572573	5.53270107	5.6478637	5.87242068	5.50987991
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3.25322091	4.00533334	3.47265837	3.54655716	2.61200517	3.61958418	3.35518264
3.92379966	4.01964343	3.50274506	3.37152749	4.1521535	4.29953563	3.97996111
3.39683759	3.71261411	4.15643102	4.03679505	3.5320016	3.3739235	3.98261558
0.45319109	1.00E-04	0.18342752	0.21771436	1.00E-04	1.00E-04	0.32484108
5.31164596	5.52452899	5.24123521	5.30250568	5.68922709	5.73825983	5.73922039
0.15020537	1.00E-04	1.00E-04	0.15133574	1.00E-04	1.00E-04	1.00E-04
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4.76136519	4.70711	4.37341002	4.36535533	5.42642173	5.64945383	5.2789215
3.75173613	3.93735004	3.56300117	3.5404749	3.98905796	4.36484411	4.06294151
4.33501467	4.75281011	4.45323062	4.43008416	4.83543666	4.89583077	4.51857085
2.14079467	2.54607779	3.05856091	3.10851057	1.66876444	2.18805709	2.73433333
3.87404577	4.0734539	4.07020109	4.06434805	3.59364929	3.79603226	4.0752763

4.51054174	4.64408006	4.46742027	4.42084052	4.57749953	4.96254476	4.62723616
3.19148733	3.61575254	3.87589977	3.96742899	2.65851265	3.31419802	3.52369476
1.28845676	0.42668423	0.63271572	0.95142483	1.05772513	1.6505798	0.32346163
3.31010955	3.67250017	3.84254941	3.98668788	3.39385543	3.85635495	3.80200253
0.96016097	0.95021258	1.38109879	1.65313333	0.51366621	0.89643585	0.79639104
4.45977412	4.37428723	4.13344475	4.20009063	5.2582428	5.22109712	5.08328396
4.60876737	4.83338043	4.23168174	4.2574095	5.26553608	5.26674414	4.89646858
2.73707813	3.26947125	2.44514676	2.55368124	2.77481204	3.29529172	3.50344387
2.31585074	2.3278307	1.93630572	1.897003	6.54378114	6.6885339	5.88611861
2.45048819	2.58034957	2.36959764	2.45734328	2.74829975	2.91316176	1.94211819
4.63127245	4.79746582	4.23569493	4.04329514	4.9484955	5.22385174	4.61416885
4.22483237	4.03720038	4.18518897	4.22276478	4.1985094	3.79193309	4.07837403
3.27027458	3.16142981	2.83960797	2.76834948	3.1983982	3.68342417	3.23993109
2.98868986	2.74353269	2.74036207	2.75418143	2.68313757	2.64660563	2.96290858
1.9892623	2.30257462	2.61379846	2.68155756	1.83136169	2.46705739	2.8026998
1.00E-04	0.26697024	0.18571019	0.09705596	1.00E-04	1.00E-04	1.00E-04
1.62884335	2.29481958	2.43552503	2.41084903	1.76036154	1.64365776	1.84824144
2.93587404	3.35090735	2.68271058	2.66507054	3.05902248	3.76125392	2.94380021
4.2674061	4.53604459	4.24126652	4.26275191	4.36210917	4.56592012	4.13479214
1.70119958	2.06950367	1.81295928	1.8058561	1.21849687	2.0660926	1.91043155
3.34093867	3.43259165	3.00038232	2.87239406	3.14146009	2.8432779	2.27899034
4.94817801	4.96767946	4.67633302	4.5413599	4.74586786	4.87887217	4.46599112
3.055057	3.01896442	2.82809991	2.77543421	2.64075199	3.23109968	2.24898199
2.83663478	3.097231	2.8009087	2.80913833	3.12676991	3.09842084	2.6740173
1.00E-04	0.5876698	0.24110043	0.22616556	1.00E-04	0.50307457	1.00E-04
5.09477201	5.19506409	4.88449372	4.84410644	5.16455947	5.54044351	5.04206401
2.25248855	2.05466491	2.14616354	2.08544505	2.34634462	2.25725323	2.600543
1.90355093	2.39583682	2.20094056	2.2351524	2.45466803	2.31265414	2.13931908
3.17456553	3.61017001	3.08441177	3.08047404	3.33055856	3.86777979	3.58023002
4.02634139	4.08888466	3.66698042	3.73501604	4.36299144	4.18900932	3.90127335
1.00E-04	0.85851228	0.58145475	0.47852903	1.00E-04	1.00E-04	0.25203293
2.71870018	2.82413722	2.25068172	2.39306492	2.29094671	2.16105522	2.5762589
2.55619638	2.83189854	2.69024884	2.94689036	3.94963564	3.96729268	3.00986905
4.21764138	4.55499713	4.26440092	4.15383338	4.4126297	4.65981318	4.23454602
4.59674409	4.73860419	4.32510283	4.3425825	4.39361948	4.41557345	4.04393685
2.47396997	2.79913383	3.28884874	3.39081902	2.45922952	2.20109283	3.07233896
2.74863265	3.03881964	2.7238783	2.83419076	1.90831121	2.86378765	2.20185757
2.76355608	3.09904677	3.38621628	3.48238978	2.38796683	3.17915456	3.21212843
3.53259698	3.8857319	3.51795159	3.47636545	4.14103902	3.8991201	3.68469319
3.65976227	3.92383886	3.66517547	3.6257892	3.73836825	3.89826142	3.45150628
0.52400397	0.78834292	0.51940728	0.69199156	1.00E-04	1.1562509	1.00E-04
3.44135267	3.15936093	3.16786518	3.43354629	3.05667465	3.17444518	3.01003243
1.30532052	1.76603409	1.89989118	2.0356073	0.54050558	1.28384517	1.9426725

2.22835549	2.42048887	2.57700198	2.76662631	1.9842657	2.14768768	2.33440364
2.11122644	1.8935474	2.13762552	2.1292416	0.95784957	2.22120405	1.46882517
3.76827422	4.05127301	3.66799675	3.43095048	4.34365351	4.28752908	3.78085578
1.0754597	0.83401008	0.85857375	0.60274304	1.79191592	0.60568098	1.27760466
2.69577326	2.92045594	2.91146991	2.9181396	2.86121269	3.10858492	2.98087269
4.57806292	4.82531096	4.36929658	4.3628212	3.81593707	3.59119557	3.44781491
2.94657679	2.89298018	3.29657464	3.35569163	2.22448449	2.1932668	3.05060127
2.19790396	1.84729444	1.86908755	1.96925698	1.82843132	2.67597179	2.28531561
4.02444992	4.33894233	3.77632964	3.55774548	2.91460733	3.56005791	2.32815955
0.20902552	0.59200987	0.85576307	1.02278355	1.21585515	2.54244512	1.83234067
1.28455433	1.40634777	1.06252268	1.12716992	2.15790302	1.61198925	1.73131603
5.29362808	5.55019571	5.02458346	4.87557331	5.13347869	5.52361728	4.7124778
5.43317532	5.58505479	5.10655025	4.98871511	5.56329803	5.76676811	5.167797
1.00E-04	0.24822595	0.1249373	0.52991785	1.00E-04	1.00E-04	0.09760498
2.0307862	2.30976612	2.11025183	2.47445885	1.49556488	2.24857251	2.03154115
3.16730458	3.38871738	3.76609578	3.59475518	3.61834929	3.58970093	3.66202462
3.43352973	3.84623979	3.43811921	3.57914951	3.59993124	3.88923762	3.73165794
3.09935561	2.93486661	3.1048953	3.18043808	1.64458656	2.95709151	2.84134645
1.9662029	1.8922285	1.81856588	1.73231232	0.6906587	2.28563761	2.22418026
2.71187045	2.75129277	2.58805981	2.5624183	2.82019636	3.33328217	2.78504429
2.18151046	2.68932416	2.33030621	2.39944982	2.51945533	3.2367406	2.39595099
3.70730574	4.17479523	3.93539997	4.08439082	3.33662329	3.68065378	3.61556116
2.36995139	2.7041286	2.96811838	3.14404993	3.11583779	3.28811064	3.39599854
3.84815958	4.50165849	5.39580849	5.48607313	3.6104525	3.94275431	5.0848187
1.44873109	0.88553307	1.2290874	0.91609368	1.00E-04	0.1839207	1.00E-04
0.32649863	0.18981887	0.08766251	0.09605209	1.07694717	0.65957407	1.00E-04
1.00E-04	0.88283541	0.29395556	0.58885853	1.00E-04	0.76659579	0.26354179
3.43891543	3.67327156	3.2287261	3.22561469	4.17051012	3.61033105	3.39945627
0.48413928	1.45129544	0.87890315	1.01121664	1.52740341	1.49035502	0.29964837
1.95942767	2.55387249	2.26750389	2.17679833	3.12826496	2.29719508	2.6201829
2.20751552	2.40446994	2.06247641	2.37985574	2.25002858	3.21107355	2.62071493
0.43036683	1.81771224	0.98886694	1.05704182	1.00E-04	1.37778118	0.65341437
2.39922168	2.72463039	2.07365131	2.51290382	3.27485212	2.99119161	2.68092969
3.96773645	3.97853647	3.729447	3.59348832	3.40396676	3.5188059	3.385109
1.2247233	1.81399834	1.76794201	1.85003846	2.01590876	1.57597443	1.45851607
2.50079624	1.98885524	2.2447844	2.3809002	1.97617865	2.38510672	2.45554524
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50894684	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1859782	1.00E-04	0.35498049	0.6171328
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29774454	1.71183915	2.13666387	2.13772473	0.51102197	1.39609528	1.79353285
0.47165456	1.00E-04	0.15390062	0.40437054	1.00E-04	0.11293056	0.47876871
1.00E-04	0.52867315	0.44546312	0.61524597	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.90934952	1.5116679	1.29446438	1.09292708	0.45889659	1.48446436	1.23039422
2.23961543	2.42874909	2.63392658	2.436116	1.97371553	2.08865254	2.864841
3.17294475	3.48376819	3.26983897	3.35723164	3.96973526	4.0085675	3.6754111
2.00040566	1.4743825	1.07674683	0.91384661	3.37505409	3.22098974	2.89711338
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.99294143	0.59069095
6.0419954	6.16989817	5.93410503	6.05247013	5.80786326	6.04830213	5.79523535
4.54118551	4.8131098	4.35222645	4.38803935	4.68619533	4.92871727	4.26039651
0.50655363	1.00E-04	0.12819577	0.04033039	0.44085717	0.25950361	0.44252144
1.25815272	1.06575091	1.36917837	1.28399713	1.37597182	2.14290673	2.70629964
3.80707113	3.84635733	3.88630308	3.88224418	3.5145842	3.9479682	3.79528927
2.54488921	2.05402031	2.16367394	2.06055851	2.30592163	1.8643007	2.22438176
2.11436826	2.17694279	1.94643135	1.92107101	0.44157893	2.38187828	2.45900003
6.09121512	6.06687314	5.88288658	5.8349136	5.56531608	5.66548864	5.46690047
1.00E-04	0.32771705	0.24528807	0.21457108	1.00E-04	1.00E-04	0.53081464
0.52923732	0.24679581	0.45618054	0.81500805	1.12817775	1.34611389	0.85755783
0.62732803	0.62648035	0.23726405	0.53777424	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4830638	0.77740849	0.89544247	1.26531834	1.46773529	1.51243819	0.91744617
0.20907578	1.00E-04	0.07309989	0.29473292	1.00E-04	1.00E-04	0.66205541
0.31926856	1.03406558	0.07145606	0.17904697	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.05651393	0.05123125	0.06327397	0.42938666	0.6926318	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14193279	0.731756	0.49239952	0.52482359	1.00E-04	1.00E-04	0.25370611
1.00E-04	0.55090971	0.36024414	0.54164821	1.00E-04	0.14310979	0.36387742
1.00E-04	0.23923983	0.10707907	0.06424858	1.00E-04	1.00E-04	1.00E-04
0.57472098	0.19785054	0.36035045	0.17615218	1.00E-04	0.79130186	1.00E-04
1.00E-04	0.311812	0.22936836	0.57752718	1.00E-04	0.67917792	0.32409852
1.00E-04	0.17396918	0.12397364	0.29883189	1.00E-04	1.00E-04	0.73761015
1.00E-04	0.41863775	0.2000805	0.21606205	0.60156552	0.25244024	1.00232691
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.29654504	0.1758959	1.00E-04	1.00E-04	0.6832184	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79680493	1.03268023	0.8819944	0.82915101	0.86188307	1.13616863	1.11122858
1.44414617	0.63137882	0.31495504	1.01735611	1.5189306	1.82191588	0.81760674
2.11216576	2.70566368	2.53874772	2.58562157	2.19653595	2.14761517	2.57994791
1.09848875	1.83282049	1.8938332	1.79284749	0.80104874	0.5747744	0.55215613
2.25931426	2.66789302	2.95449076	2.911685	2.87611884	2.22534694	2.73057629
4.55043264	4.63594467	4.26309089	4.29456764	4.63907401	4.85530425	4.55758842
3.81046668	3.71372041	3.80283944	3.64823152	3.31214328	3.0682427	3.3785648
4.40699146	4.51040712	4.4549011	4.40069674	4.52327801	4.69732232	4.72438314
3.25369106	3.4309382	3.47773709	3.74850859	3.23789859	3.29929658	3.56797139
2.28229182	2.7870339	2.03480271	1.82774594	3.00261237	3.42090949	2.67271442
1.00E-04	0.06661234	0.07583752	0.03407658	0.7458904	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.0744105	1.00E-04	1.00E-04	1.00E-04
4.67606533	4.90910177	4.94196062	4.98727986	4.88278081	5.22657053	5.19664232
0.65909395	0.84109752	0.34260021	0.53688544	1.00E-04	1.93718003	0.31078224
0.43086315	1.08740715	1.06260798	0.84015761	2.17346529	1.5914822	2.16684074
2.75272503	3.07682545	2.25368853	2.1176459	3.76116692	3.09391351	2.90783641
3.59611296	3.45907074	3.37927272	3.30031913	3.88781092	3.94824931	3.30857175
5.19433651	5.41524329	4.69750868	4.62449954	6.11348903	6.23853432	5.54585557
4.9703129	4.9387008	4.66460228	4.70200548	4.55507053	4.35713723	4.28005173
4.64923249	5.03448464	4.57801008	4.59372442	4.59791946	5.11643776	4.55523778
0.66388982	0.99787519	0.67400933	0.71035351	2.31820921	1.77085563	1.9321233
2.4384246	2.60301517	3.02053259	2.98383721	2.46206289	1.95988124	2.60625741
1.84779565	3.01140815	1.83440617	1.52830371	1.52170289	2.70042823	2.27999771
0.34144725	0.13946278	0.19987206	0.29281126	0.94097938	0.45079126	1.00E-04
4.14713673	4.38337018	4.61239546	4.52462298	3.36623337	3.90846435	3.90484275
0.82344878	0.56451806	1.31119915	1.4591347	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	0.45001331	0.77144222	0.48418005	0.24496797	0.70861209	0.68296277
3.72179984	3.86954494	3.53234521	3.74015314	3.9879153	4.16882169	3.69968352
1.42425571	0.77087658	0.50538175	0.23144212	1.72478909	0.11293056	0.23378191
0.83028429	1.20775002	0.62675644	0.50366448	0.50894684	1.05060291	0.40869447
1.00E-04	1.00E-04	1.00E-04	0.05550769	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.13474433	0.0550929	0.25898849	1.00E-04	0.55104094	0.54590936
0.21771568	0.18350893	0.04717035	0.13347338	1.00E-04	0.69736266	1.00E-04
3.0274779	2.5908821	2.15248331	2.59939557	4.75583632	4.7250705	4.20989097
1.00E-04	0.74852106	0.50490837	0.57255143	2.0773147	1.04131046	1.1735361
0.81752138	1.22970102	1.35399021	1.32359767	0.70997801	1.22978266	1.35569931
1.00E-04	0.19200786	1.00E-04	0.11623918	0.90490745	1.00E-04	0.55207943
0.32668362	0.64530452	0.25141408	0.10550359	3.74009666	4.45983817	4.12708819
2.75874708	3.12250443	3.26812656	3.23105779	2.13279502	2.76469405	3.30822304
3.96672291	4.10703187	4.14159806	4.2314334	3.44318696	3.80789091	3.65678645
3.17190713	3.08546256	2.82268534	2.77143831	4.33463644	3.84055211	2.8724942
1.00E-04	1.00E-04	0.08628203	0.17550437	0.24496797	1.00E-04	0.13723188
2.92382161	2.97144834	2.89450305	3.01739089	3.19284772	3.30869064	3.09229593
4.8634137	5.04206095	4.71963028	4.78435193	4.82060001	5.01126533	4.7125655
4.21899018	4.38482606	3.9547302	3.97315251	4.40770301	4.38961624	4.42446765
3.42802569	4.00529616	3.49192847	3.64505518	3.32062753	3.841102	3.19553916
4.86985476	5.06354661	4.68935122	4.74786329	4.50828996	4.96682822	4.54867917
4.55251622	4.76158167	4.26733422	4.12959757	4.29661662	4.66235311	4.27627062
3.7589	4.24255349	3.68305586	3.94640111	2.66189097	3.13053892	3.28702288
5.06263004	5.2485712	4.92118392	4.77800325	4.83092701	5.15469275	4.64492174
2.79219067	3.26114999	3.18640675	3.21163303	2.6757449	2.92933785	3.16028026
1.00E-04	0.56329501	0.56355034	0.47950593	0.73307976	0.45109589	0.19124552

0.8388529	0.89292714	0.88386993	0.98986149	1.00E-04	0.39173741	0.82120343
4.45036794	4.73891931	4.34984761	4.34951173	5.05753582	5.1933347	4.75984492
5.09127285	5.24934075	5.15992729	5.18204621	5.09635127	5.33533823	5.29059585
4.77030187	5.09420378	5.03400143	5.07614752	4.69894164	4.79448477	4.79915
5.44190579	5.79788376	5.32920431	5.20758044	5.12932113	5.72305702	5.18075982
5.13988566	5.21836936	5.0326463	5.00734929	5.0776744	5.12611021	4.94891854
1.77694562	2.38977361	2.0850695	2.30350558	0.43177254	2.77719359	1.79533555
2.51660741	2.63272508	2.15265499	2.29267481	1.40360274	2.64479855	1.69981086
1.59099783	1.73021533	1.24945548	1.14211766	1.35191579	0.60494735	1.7997789
6.10315064	6.29980567	5.7556014	5.68435867	6.73972787	6.9631966	6.03543814
2.52849796	2.49068197	2.4656959	2.42463227	2.17934445	2.32816943	2.16700627
0.8231868	1.24006098	1.79194702	1.87020654	1.38761595	1.68262031	1.30632538
4.86728963	5.2091909	4.87174051	4.79722409	4.74910113	5.12244206	4.75258482
0.84338741	1.37391972	0.64378258	0.67951137	1.05179324	0.85406706	0.50180541
3.90549682	4.23419865	3.80999687	4.04604782	3.59004494	3.89337317	3.48177602
1.84737596	2.43378757	2.92963708	2.92246675	1.77403097	2.44327118	3.20308371
1.3763961	1.5386764	1.93466433	2.29895065	1.53571065	2.10581391	2.58010526
5.11464171	5.18862536	5.67861214	5.59715498	4.84471005	4.88433647	6.01978965
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03059257	2.51675139	2.79235473	2.65098638	1.33353781	1.60888344	2.82947041
1.99634453	2.27413733	2.93465955	3.15546081	0.97044105	1.7300753	2.53591378
4.16540692	4.33093464	3.89583427	3.86656564	3.96242711	4.21386235	3.75032582
1.92118877	2.48224049	2.13394064	2.27587013	2.76975779	2.22554538	2.473786
1.5294574	1.83099136	0.6891337	0.76942186	1.76957872	2.329341	1.02899398
2.00532787	2.673288	3.18767088	3.33913855	1.97451225	2.20085937	3.08522383
1.63586163	1.9185058	2.09217636	2.00366941	1.09625979	1.93919456	2.64836437
2.80189045	3.03426749	3.08501708	3.04542162	3.21706195	2.79997491	3.14385992
2.44892239	2.50611458	2.64189493	2.7914738	2.43007163	2.96161861	3.0166937
2.49172606	2.8244871	3.33859537	3.41861827	2.03331453	2.8754036	3.33241663
3.10115674	3.20111957	3.21793835	3.21481275	2.57716653	3.07647423	2.84413939
3.29210331	3.57069035	3.67468382	3.7138609	2.74922796	3.40175604	3.6170927
2.34508894	2.91879014	2.81410127	2.84480722	3.03493013	3.07672642	3.05872886
1.59951988	1.63828289	1.10795288	1.56265358	1.49775299	0.74655235	1.49363231
0.46868387	1.28825799	0.44733573	0.15436008	0.50894684	0.1982747	1.00E-04
2.48764685	3.17761715	2.85170735	2.87346694	3.24870349	2.84395152	2.99960368
2.78068659	2.99143319	2.9730339	3.18831991	3.27859102	3.26868234	2.78528846
4.32716672	4.43523638	3.99044963	4.0918784	4.58017685	4.49642809	4.14146739
4.6135483	4.83183326	4.48243607	4.51981357	4.28931117	4.58871045	4.32339215
1.87376596	1.92049482	1.93598557	1.820086	1.52776797	1.15633645	1.76858055
3.65165549	3.69999521	3.57913992	3.45045731	3.03083683	3.10263903	2.68435709
3.25773638	3.04918583	3.06092537	3.29513446	3.29140147	3.67169065	3.64520729
3.77142421	3.81146745	4.52921253	4.43138646	3.62950623	3.69646378	4.38477986
0.64589355	0.8943292	0.58612089	0.81896733	0.38488463	1.00E-04	0.86269182

4.47769544	4.52513167	4.55654521	4.13746173	4.78327515	5.09089852	4.86670241
2.4579126	2.33438709	2.61367941	2.68675939	2.58475947	2.53758348	2.80683537
4.84378648	5.00334793	4.75394206	4.7501136	4.85785136	4.9857576	4.69470033
4.15392847	4.27036021	3.9246946	3.84955695	4.22744243	4.16294835	3.9620465
3.22512375	3.59441509	3.25718627	3.27889239	3.50221318	3.21837944	2.71631355
3.56142007	3.87645	3.71512197	3.80862859	3.86602652	3.76145021	3.78887424
4.33650467	4.43522493	4.14001742	4.13019067	4.9390541	4.88439257	4.32737987
5.09786864	5.45231652	5.81497145	5.93011754	4.47019057	4.82760489	5.52105764
4.83039698	5.11194456	4.90215069	5.03594875	4.80405551	5.04327792	5.02843114
3.94139353	4.15652249	3.95136176	4.08957308	3.87236646	3.93414809	3.86368606
3.85846483	4.13777565	4.60908227	4.55378964	4.06080176	4.37582325	4.99827811
4.11235577	4.59233577	4.71218876	4.67584282	4.31407885	4.29430505	4.39030222
5.73412104	5.95104685	5.94047077	5.95225549	6.08131122	6.11041742	6.13640233
4.53508008	4.84852451	4.90628231	4.93726629	4.11458347	4.55915912	4.73949511
2.57031832	2.78248368	2.85228721	2.886762	1.97797643	2.47660631	2.89132485
0.70482773	0.31278013	0.08804854	0.04375869	1.00E-04	1.00E-04	0.30893958
2.64706026	2.59845659	3.15466661	3.23768699	1.90474874	2.06923164	2.52407514
0.49770235	1.00E-04	0.19943928	0.18628888	1.22036275	0.06695938	1.00E-04
1.37018237	1.55434544	1.55943019	1.38819681	1.89688192	1.2575169	1.8869709
1.00E-04	1.00E-04	1.00E-04	0.19717726	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.9416287	1.01245741	1.15025604	1.00E-04	0.8805053	1.00E-04
2.77237726	2.5254496	2.72342937	2.86088783	3.5402135	2.8688407	3.67325197
2.55193601	2.85017896	2.62829845	3.18935801	1.52319824	0.99734448	0.30590315
1.00E-04	0.23448945	0.14810003	0.20073628	0.43090184	0.68929993	0.51388451
3.35010884	3.39248215	2.89249203	3.0279943	2.94543458	3.45057477	2.72267375
2.88711214	3.23594309	2.71989506	2.43356731	2.89962902	3.26215788	2.78096827
0.20517817	0.5967243	0.38824582	0.69732873	1.00E-04	1.35702515	1.02297705
1.72839551	1.36100613	1.27691326	1.56589487	1.59795709	1.42450466	0.72286586
1.00E-04	0.11888122	0.27065299	0.25413517	1.00E-04	0.25950361	1.00E-04
3.40791092	3.5721093	3.58378922	3.5325935	2.07409486	3.34193752	2.53837475
4.53857924	4.38669879	4.31379319	4.34935839	4.60100134	4.6162802	4.27927246
2.24927067	2.19305714	1.58947108	1.89165282	3.99898114	4.02062462	3.51036797
4.1827825	4.35122732	4.08602118	3.97276083	4.26450077	4.13276329	3.8828627
1.00E-04	0.22862414	0.18022447	0.269702	1.00E-04	0.26855651	0.19686018
2.41501534	2.66901314	2.72141076	2.96490335	2.25252016	2.48653934	2.29774585
4.21007418	4.37938214	3.27292832	2.70231503	2.35323107	2.44689078	1.00E-04
2.74791054	3.01059228	2.8719214	2.86371723	2.55466073	3.31066099	3.01813969
1.33920937	1.48743372	1.37004482	1.50865706	3.81310705	3.85513263	3.26058918
2.87028805	3.22931271	3.0983301	3.14329291	3.98416101	3.13905229	3.10584332
3.19860786	3.0351166	2.63730597	2.70648724	2.95953468	2.74634807	1.93956154
1.00E-04	0.18763613	0.45482605	0.31938302	1.00E-04	1.00E-04	0.35445789
2.52455179	2.50363005	2.6700652	2.90312541	2.8914067	2.77066728	2.88018701
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1.44669207	1.74881543	1.30201096	1.77719346	1.19378216	2.14456117	1.27927473
0.84964876	0.7581473	1.4745525	1.59729706	1.00E-04	0.57114837	0.55223787
1.35204305	2.00503298	1.56719736	1.70502248	2.24460486	3.09622222	3.39443373
2.22578016	2.55247052	2.58995366	2.72874964	2.6978401	2.68306722	2.46957285
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2.46317131	2.00477444	1.82969654	1.89027456	2.32668431	1.88216008	1.72052992
4.9814555	5.18762116	4.94040905	5.13242404	3.26294434	3.69337132	3.76964258
1.76662544	1.85972021	1.18834842	1.40071445	1.33342786	1.60597839	0.13866036
3.05310538	3.59351863	3.47875098	3.49016521	3.21759734	3.38802291	3.21542898
4.04779469	4.01683518	3.58317151	3.56747737	3.98861141	4.05914866	3.5324386
2.66058699	3.03432795	2.67458955	2.84051298	2.83559472	3.07972955	3.05841762
0.40584579	0.78902804	0.99612828	0.62913134	1.00E-04	0.24764169	0.76597122
3.03550452	3.49909754	3.39117895	3.31488104	3.23025399	3.62996799	3.91675395
4.09830175	4.29034965	3.99973006	4.04896551	3.86872409	4.16929054	4.1216623
1.16369124	1.0499199	1.43193211	1.36777458	1.26022958	1.55426681	2.04967797
0.54178275	0.96869768	0.94351826	1.15771939	2.35861645	2.20492673	1.05359984
1.00E-04	0.7751094	0.96860426	0.82450525	1.00E-04	0.70822466	0.95549994
2.64386545	2.98738634	2.95771335	3.0992329	2.24211586	3.08346333	2.71104079
2.53426968	2.50045682	2.36671636	2.4075119	2.19985638	1.55099627	2.12646742
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2.6034476	2.77421922	2.97652467	3.06737556	2.45972212	2.53179258	2.54129675
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1.68635128	1.97230977	1.48258989	1.69830465	1.39388953	0.58027967	1.54449758
1.00E-04	0.12731738	0.12744014	0.11743223	1.00E-04	1.00E-04	0.70822753
3.41359097	3.88956809	3.85596782	3.95636641	3.71437948	3.87082195	3.64914115
0.75443029	0.68948115	0.76335208	0.99352338	0.40912496	0.34440142	0.36574343
4.04398078	3.18688452	3.17168292	3.79537224	3.00089924	2.90035606	2.74134495
0.46494979	0.77254554	0.80137812	0.65713073	1.00E-04	1.59208964	0.10785897
1.00E-04	0.70263879	0.65102382	0.63653413	0.65823999	0.55090662	1.00E-04
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4.52952653	4.75078236	4.3821445	4.40322691	4.4743836	4.67346966	4.35289576
1.97301919	2.46117164	2.2710257	2.11609055	2.13547987	2.56466233	2.60797674
5.22732658	5.19784569	4.80710229	4.67579378	4.63932002	4.52104018	4.30260939
0.39042062	0.93767414	1.26510724	0.97935436	2.19501737	2.38726113	2.10998886
4.2958418	4.02817234	3.55487315	3.70034585	3.91529822	4.02021452	3.72171391
4.98428596	4.98342751	4.81720018	4.80723961	4.9915017	5.07785698	4.94652507
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3.45111496	3.56318638	3.05339343	2.99629454	3.42035757	3.46544978	2.72334648
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3.69821075	3.65937747	3.2483082	3.55929918	3.88462273	3.46816464	3.29491257
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6.09222686	6.29873417	5.89502751	5.95589173	5.33328436	5.6688351	5.10251558
0.66126547	0.72003584	0.36894694	0.2269908	1.00E-04	1.00E-04	1.00E-04
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0.65342189	1.09702881	0.91613786	0.71518734	0.6397631	0.63610076	0.77058896
1.51499311	2.6085697	2.58978846	2.75249353	1.85763396	2.52322669	2.18405448
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1.70189309	1.38202158	1.07756921	1.10974409	1.06691502	1.92205807	2.00536352
0.44090567	0.30366257	0.10011485	0.48351964	0.61235854	0.28191199	0.39178101
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2.79932987	2.65363012	2.35451995	2.60221711	2.3464783	3.06950586	2.26546069
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0.78685302	0.55826829	0.43796067	0.61745552	0.40674922	0.32240677	1.00E-04
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1.00E-04	1.00E-04	0.05938701	0.2722192	1.00E-04	1.00E-04	1.63087237
2.75675633	2.84669911	3.41613294	3.38534061	2.37988626	2.95620363	3.69832205
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1.92787572	1.76651839	2.10716351	2.34915745	1.08190195	1.67653339	1.99592626
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5.20297834	5.43755584	4.90770379	4.85792259	6.76632874	6.81661272	6.42246702
3.41315308	3.75998769	3.4450031	3.29335859	3.24242713	3.50137286	2.92268709
2.50753277	2.73198954	2.74439719	2.76104102	2.55304402	2.48925544	2.46950565
3.03371697	3.20697103	3.5230328	3.55627395	2.77096689	3.20791253	3.58981466
2.54306692	2.99584322	3.28046379	3.36367719	2.16052548	2.46414738	2.78523782
5.97178111	6.33115634	5.8995728	5.75798884	6.4870909	6.59108617	6.08542241
3.20027584	3.34390559	3.14299617	3.20781334	2.7690605	2.64903918	2.37547483
3.78280056	4.05357666	4.16710322	4.08886607	3.7378916	3.95601769	4.26074313
5.42867258	5.64254025	5.42577755	5.29565247	5.83117259	5.91226128	5.72416693
3.46456705	3.38490815	2.80823359	2.8532769	3.57497766	3.38816026	3.35372917
5.10852449	4.95977108	4.5729514	4.57258173	5.02211522	5.053839	4.90240794
0.77271526	0.9673786	0.92111078	0.73502172	1.04823799	1.48281428	1.11663592
2.66138477	2.3312731	2.079265	2.06351543	2.90848494	2.77719906	3.24123171
0.30084933	0.18478434	0.07255869	0.14555825	1.00E-04	1.00E-04	1.00E-04
1.99548301	2.30332133	1.69704574	1.58466993	2.06698109	2.10035725	1.70263823
3.0908368	3.27180794	3.0755269	3.22561653	3.19513173	3.47190703	3.26702114
1.35552089	1.97808072	1.45026702	1.79392286	3.28291668	2.55790411	2.37035123
0.37887538	1.03240517	0.50130864	0.92710316	1.41425001	1.09083225	0.96980413
2.13233215	1.73924546	1.95432347	1.92400391	1.33308821	2.00875586	2.06154905
2.85439001	2.91878591	2.33428823	2.86733954	2.53599508	2.99372684	3.1063928
4.0924875	4.37381305	4.88910201	4.55328059	4.42850851	4.53770273	5.38801851
4.3635024	5.03728444	5.03239928	5.16498415	5.13774641	5.14294349	5.55868237
5.31552097	5.34022351	5.24343891	5.18050236	4.24338152	4.55218922	4.91807584
2.29861981	2.25094752	1.94004635	2.09549271	1.00E-04	2.70341027	1.75305027
2.11914997	1.9313646	1.86624498	1.9062635	1.54947462	1.49060488	1.34939141
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.2557859	0.14825162	0.18649273	1.00E-04	1.00E-04	1.00E-04
2.07883191	1.76371648	2.08335648	2.01224753	1.94451675	1.97034549	2.3736558
2.58901633	2.76392605	2.54958815	2.66903127	3.24960215	3.15312374	2.7983337
1.97727149	2.13039449	2.13834554	2.01439936	1.00E-04	1.46006449	1.76670954
1.00E-04	0.32508702	0.46792249	0.61463382	1.00E-04	1.42564322	0.38676995
2.10027355	2.69726211	2.42570587	2.68750534	2.39956924	2.47632144	2.42593904
3.25546353	3.2917683	3.23401092	3.3264945	4.24124416	4.08404709	3.90583367
3.92563698	4.21354102	3.96948228	3.9510653	4.02160872	4.1752938	4.30006966
0.50219551	0.51792072	0.52028717	0.64959683	1.00E-04	1.00E-04	1.00E-04
1.77210294	2.25451373	2.43785687	2.41593562	1.34299266	1.54977531	2.44262388
2.88246836	3.08003125	3.38173847	3.48657684	2.71296483	3.06651089	3.35537567
0.96192206	0.89436808	0.49669675	0.27373293	1.14379378	1.00E-04	1.00E-04
5.07294257	5.33649352	4.99768897	5.00059854	5.31664776	5.16560425	5.01905448

0.47750655	0.7293274	0.73380485	0.79399696	1.00E-04	0.96260568	0.85288562
4.36406476	4.50907298	4.15834963	4.29165857	4.59347626	4.50544274	4.17336751
3.12845196	3.50753476	3.41971426	3.43287579	3.00383904	3.40509131	3.43094467
3.22603146	3.10492971	2.64867749	2.83277407	3.34720078	3.16862818	2.76501067
3.61544773	4.11531869	3.56854762	3.60983937	4.79252952	4.75855634	4.55085175
1.88495579	2.19873004	2.40586243	2.59755047	1.94404258	2.68371639	2.26009994
2.55293509	2.45873106	2.72791062	2.88078724	2.29301182	2.54836039	2.65573709
3.31527887	3.59248351	3.20135556	3.21070733	4.21855174	4.09761003	3.96489848
3.32251619	3.61365441	3.45714771	3.54961375	3.34003158	3.50945938	3.51959696
3.94846471	3.91440523	3.41809246	3.59371893	0.61235854	2.03494414	1.11886925
3.56731111	3.40354364	2.70243393	3.02734356	3.6747038	4.43073971	3.61136658
1.51603322	0.98590437	1.64946645	1.87576622	1.23624297	0.65173525	0.50706663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16158638	1.00E-04
1.00E-04	1.00E-04	0.50445111	0.23205055	0.6397631	0.1982747	0.22681224
3.05342036	3.43642897	3.66996884	3.7820714	2.80085414	2.82140403	3.23466781
2.20705647	2.2549352	1.72660713	1.94179495	1.07407041	2.09206147	1.43095342
2.92875325	3.09275053	2.7956172	2.97582714	2.93146639	2.92042342	2.62625301
5.26822161	5.48666042	4.9411189	4.72031045	5.70415364	5.90868772	5.16085492
3.47204706	4.15331593	3.77168847	3.57775199	3.51193289	3.62233722	2.99161946
0.62250537	1.63437834	1.34053827	1.65750338	1.81583429	1.7393261	1.79314699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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0.14841374	1.21658538	0.37476945	0.59591037	0.44085717	0.57696107	1.30444277
1.00E-04	1.00E-04	0.34308737	0.22523889	0.49775343	0.53799721	0.1313165
1.36152597	1.58656527	1.47135927	1.80416786	0.98095841	2.25942461	2.18406313
1.86233477	2.36375335	1.95894657	2.19345932	2.21692628	3.25286426	1.54784127
0.6143075	1.12821184	1.01212937	0.63509364	0.40912496	0.6829538	0.66488976
2.61519904	2.80584232	2.7140435	2.76528821	2.55922353	3.28880325	2.64199258
3.15308597	2.61790689	2.27152683	2.34389241	3.66242243	3.33652459	3.04559187
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1.00E-04	0.56376736	0.35505163	0.30347627	1.00E-04	0.12583522	0.17349997
1.84184552	1.91477221	2.16236018	2.39437173	1.96523319	1.66255572	2.3013266
3.35827576	3.45383557	3.03355926	3.23718919	4.84686704	4.33578066	4.052777
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2.69714199	2.75816619	2.54036245	2.7001213	2.53808549	3.03149605	2.29454179
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4.5334875	4.93905568	4.46276734	4.35919431	5.09477682	5.35595647	4.89636681
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3.16028451	3.38645055	3.06570968	3.167591	3.42204097	3.15530942	3.16897819
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1.00E-04	1.00E-04	0.44412568	0.57821433	1.00E-04	0.14939575	1.09769689
1.1883723	1.6924061	2.03259568	1.992011	1.17367128	1.48984527	1.91767864
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0.93694993	0.90318962	0.45190665	0.58454358	0.84461281	0.41703155	0.62862505
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3.35135553	3.86260963	3.47025995	3.44313117	3.57720899	3.79614362	3.11873672
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1.0670636	1.75941349	1.41085477	1.72887368	2.07339935	1.48600822	2.14228669
3.13271959	3.42750451	2.81456222	2.89316643	2.8439178	2.92472355	2.9570895
4.04032508	4.07868543	3.78182161	3.86279643	4.59055521	4.39193083	4.05503147
2.93805178	3.29854159	3.19554958	3.16248075	2.80304793	2.82458712	2.83275097
2.20951343	2.73351176	2.10744513	2.14333604	1.31585896	2.22373807	1.90838589
1.63511614	1.58437322	1.5650655	1.89972972	1.14379378	1.81510647	1.31013266
1.28228547	1.16956644	1.22000105	0.876804	1.16337086	1.55589407	1.32549839
0.3453417	0.19453493	0.2265628	0.68024389	1.04823799	0.81684122	0.56206715
1.39025094	1.75942379	1.88001494	2.08440068	0.63414071	2.1135164	1.84422593
1.12048338	1.25799537	0.73881005	0.97605705	1.00E-04	0.85708963	0.56213292
5.76977822	5.81302992	5.60547091	5.52563049	5.7303483	5.85522774	5.49515129
1.00E-04	0.28568217	0.6233521	0.49693057	1.35342801	2.55387603	2.46698458
1.17366788	1.90361964	1.36943741	1.24084522	1.00304569	0.95453721	1.83559348
0.59327494	1.17623284	1.04633386	1.48310562	1.58154587	0.90412707	1.33442955
2.40268405	2.14126999	1.62983192	1.78017142	2.46791774	2.61060182	2.03204188
0.67035323	1.51008442	1.21943602	1.6386387	1.00E-04	1.49834572	1.86964975
1.58079623	2.18410822	1.95160634	1.99268244	1.95787785	1.8437231	2.08783147
1.08710657	0.43720486	0.57528879	0.51057099	0.81381412	0.19340846	0.37984978
2.34378155	2.26428985	2.01235635	1.95974937	2.04580879	2.62361953	1.96826481
2.52587271	2.56278459	2.57190759	2.66216931	2.33257438	3.26916547	2.38980895
2.97524582	3.02141916	2.39691399	2.81117204	2.83799236	3.35123857	2.71368568
1.21575078	1.47375522	1.67846803	1.72958177	0.67391014	0.81059935	1.36858097
1.62119059	1.48714138	2.26837971	2.36254712	1.44412115	1.2484947	2.26286541
1.78580422	2.61348509	2.48878215	2.86298268	2.34056043	2.91446409	2.62153996
1.14320954	1.31529019	1.19118039	1.21721029	0.47740198	0.49893606	0.67056365
3.76946651	3.98181213	3.74330068	3.65361051	4.12763075	4.28817703	4.04696469
2.26169821	2.52404264	2.11496489	2.37510618	2.33500902	3.23738855	2.68002993
2.40037757	2.70268288	3.07816489	3.08458637	2.57758931	2.51487899	2.8279522
3.32976087	3.19310428	2.7856209	3.09678905	3.15225555	3.80818706	2.86493175
1.22557515	2.00387708	1.65046555	1.72073014	1.80610544	1.89975085	2.31273002
2.23862798	2.13611587	2.11686332	2.38318674	2.2472379	3.12673932	2.35623829
3.11305636	3.40189742	3.25691257	3.30445734	3.4046574	3.46212286	3.29445938
2.35959388	1.70077435	1.45782607	1.82619922	2.89699143	2.71165763	3.00717506
2.57438582	1.78224557	1.83092964	2.2241927	1.38823954	1.83584229	2.17095698
2.33134209	2.51824342	2.29880217	2.60777182	1.67554311	1.88045304	1.24498068

2.80473762	2.65594055	2.62483471	2.43586021	3.64548641	2.97486576	2.68275666
1.14336787	1.95355191	1.58695981	1.46894283	1.96298629	2.21498112	0.64920594
1.31113927	1.17447515	1.21957346	1.78804245	0.95722779	0.70222349	1.62077925
2.54453293	2.67067308	2.60663079	2.76924688	2.72337811	3.13509312	2.49253254
1.88012347	2.60736034	1.88111755	2.34953369	2.65054212	2.58337512	2.49181013
0.41498847	0.85548109	0.38851452	0.61404834	0.51366621	0.71743569	1.41318352
2.77785956	3.37248773	3.15939202	3.14422429	2.72827972	3.30621074	3.05378638
2.4572944	2.74859009	2.65389635	2.7096379	1.61029083	2.52188363	2.57992278
1.19117495	1.48328102	1.2839428	1.01669096	1.46035473	1.33475574	1.1237489
2.55117447	2.8876699	2.34551539	2.47617983	2.97455054	2.59528437	2.55097382
0.92159105	1.50904652	1.29300266	1.34645721	1.25854846	1.57165151	1.46838462
2.53819516	2.62286965	2.53487932	2.54477562	3.09749332	3.51932683	3.46501835
1.00E-04	1.00E-04	1.00E-04	0.24841679	1.00E-04	1.00E-04	1.00E-04
0.22838714	1.00E-04	0.14227359	0.15895857	0.60156552	1.68781128	0.61691184
3.13580526	2.91617992	3.14204919	3.01503506	2.60405856	2.76881965	2.95130709
4.2181095	4.22448636	3.83011059	3.85781939	4.15923412	4.63700278	4.09874265
3.3801972	3.42707209	3.30013001	3.57812061	3.1492085	3.72449689	3.62927671
2.54820348	2.84825154	2.56233506	2.55507265	3.22453879	3.06695012	2.59968036
3.06165102	3.2617111	3.21764421	3.29337991	3.30832458	3.68272895	2.80417643
1.57489936	1.66478959	1.28360663	0.7726393	1.769917	1.66792338	1.60409791
0.63335833	0.06105857	0.55123293	0.50205048	1.00E-04	0.47552809	1.00E-04
1.30308709	1.78635493	1.07956383	1.06764588	2.90966969	2.51384148	2.47433926
0.2704768	0.56259214	0.5427212	0.37748997	0.47740198	0.80274412	0.59069095
1.00E-04	1.00E-04	0.21129864	0.09258418	0.40912496	1.30811244	0.37807934
3.06153894	3.11701989	3.123744	3.0733434	2.77897963	3.18542403	3.28624957
3.18944757	3.05879296	2.89510874	2.9776518	4.26190693	4.90086709	4.28117994
1.00E-04	0.06818189	1.00E-04	0.28251839	1.00E-04	1.00E-04	1.00E-04
1.13146423	0.36478459	0.80183088	1.05831556	0.61235854	1.26437089	0.73293917
2.7825181	3.09328472	2.87306464	2.79338884	2.96636428	2.41356303	2.25002525
0.48660841	1.00E-04	0.13106422	0.42994798	1.00E-04	0.39075943	0.49641187
5.67105381	5.7087002	5.20576637	5.09886889	5.74006337	5.71799457	5.18826122
0.86563301	1.37648668	2.12356145	1.95596385	0.38488463	1.68410367	2.17509943
2.71790782	3.02133674	2.63160125	2.6944412	3.02781596	3.12978552	2.95030296
3.34113732	4.05053435	3.56197967	3.53900652	4.22166833	3.9529774	3.71294226
2.57919374	2.93550879	3.41043527	3.46958695	2.50602078	2.31726258	3.01632254
2.16922289	2.01158212	1.68544581	1.87178404	2.0535363	1.99264131	2.21042314
0.50166347	0.73421678	1.03039683	1.32895256	1.00E-04	1.55451337	1.4460657
1.32625054	1.49902465	1.06871414	1.56105021	1.86003268	1.88545032	1.46600377
3.00224008	2.9867006	3.19238158	3.26813434	2.79799051	3.10037869	2.59872145
0.6893873	0.69691038	0.28763636	0.28406081	1.00E-04	1.77883528	1.00E-04
0.94336065	1.66109665	1.46780623	1.23452815	2.05695797	1.66363716	1.27345557
2.67816926	2.79717072	2.71191286	2.76960383	2.43149356	2.6848755	2.49375522
2.22513479	2.76404108	3.49443106	3.47712023	1.4893991	2.29188811	3.22704726

3.76837493	4.05170072	3.81035012	3.9898634	3.71703687	4.2854254	3.93618825
2.29644112	2.28535847	2.04681929	2.11189432	1.82041087	1.97244678	2.04533787
0.82556217	2.05417386	1.13691836	1.31038661	0.71649841	1.59600216	2.26309108
0.60939346	0.61392086	0.74905088	1.18712098	1.00E-04	0.98315191	0.67232551
3.94993809	3.86297909	3.47196361	3.56498049	4.0549458	3.93048212	4.07072724
2.82668912	3.1020251	2.93961273	3.16493422	3.22355828	3.09885732	3.05724668
1.7740453	2.09362379	1.60679413	1.77674131	1.68994235	1.56966432	1.60637627
1.82976184	2.02238915	1.99748894	2.01596962	1.67008451	2.03339893	2.03554355
3.30424146	3.5523583	3.06777598	3.33706277	3.91578618	3.89737503	3.89012764
1.49118093	2.07667261	1.41296399	1.70328563	1.08490603	1.87807484	1.50713286
1.9952938	1.90911638	1.60939077	1.85136378	0.88200209	1.39177915	0.2545601
2.18453644	2.25999722	1.8288423	2.04244269	2.26195506	2.60772693	2.66939775
4.85042109	5.39882861	4.61420755	4.48659132	4.98382313	5.12671361	4.56344838
1.00E-04	0.22575065	0.23012852	0.29822649	1.39165225	0.59730004	0.31431187
3.08534279	2.82260493	2.65450416	2.5351025	2.97015451	3.15409027	3.43139666
0.98664316	0.73882059	1.26504262	1.69200808	1.74948002	1.24451567	1.44481619
1.58567522	1.88272372	1.34693126	2.11528229	1.00E-04	1.00E-04	0.23204834
0.22233863	0.21810661	0.21212993	0.30047476	0.90097554	0.90338565	0.84574408
0.4559951	0.32440364	0.24270084	0.28184028	1.00E-04	0.22074923	0.60552054
1.00E-04	0.400182	0.58868393	0.70837337	1.1400825	1.10247029	0.61720545
1.72871112	0.76327464	0.75551521	1.27109853	2.39098278	2.51287255	1.88972371
2.13143886	2.42616599	2.06006123	2.18031609	1.73488181	1.90693977	0.93554905
1.00E-04	0.2130925	0.13889097	0.20690617	1.00E-04	1.00E-04	1.00E-04
0.45785044	1.88915937	2.16072935	2.08392794	0.38530742	0.82616051	2.06776639
1.31376487	2.25047785	2.36832343	2.79619045	2.45702035	2.08434335	2.7075989
1.65693567	2.02622954	1.6617947	1.88231193	1.19614073	0.70611247	0.60803182
2.60666328	2.64832268	2.2437053	2.30964526	1.56522616	2.04948227	2.39451022
0.56827109	1.01848844	0.87332542	0.90835442	1.00E-04	1.40585848	1.5043514
3.16124425	3.47790917	3.14728811	3.24437026	3.21045891	3.4484722	3.12176765
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1.51976429	1.56784377	1.29754805	1.35281976	0.71282211	1.0289785	1.37928538
0.38262809	0.66402194	0.39971396	0.58863211	0.97569881	0.53852835	0.54871369
0.97024759	0.64257514	0.60916394	0.57885981	1.10345699	1.34661383	0.30782532
1.25356217	1.45324452	1.29945668	1.68488701	1.00E-04	1.57757546	1.19552474
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1.00E-04	0.22673843	0.17407019	0.0581283	1.00E-04	0.14939575	0.80774748
3.36979683	3.45629617	3.13160019	3.07454672	3.628525	3.48267258	3.08223084
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1.50959232	2.06680383	1.85577503	1.96210817	0.85598837	1.83359461	1.61650832
1.8113063	1.06005229	1.58515509	2.03815427	1.53461943	2.23645644	2.15899343
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1.00E-04	1.00E-04	0.14616224	0.19984867	3.517447	2.20917547	2.0155166
2.45468541	2.65093121	3.53406195	3.70896114	1.87391474	1.89106595	2.91241431
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1.51642252	1.49165604	1.31647571	1.58804062	2.44493622	1.92760167	0.73977312
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1.24974152	0.27608174	0.52539018	0.89217176	1.00E-04	0.30065849	0.56300671
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1.00E-04	0.28289718	0.33943502	0.2271618	1.00E-04	1.00E-04	0.34279287
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0.97608834	1.121236	0.75983479	0.92995964	1.18568697	0.75109405	1.32865666
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1.19385926	1.20691452	1.16595051	1.2564117	0.49775343	0.98509756	1.02059236
1.76974781	1.69945271	1.57593879	1.58351735	1.32547066	2.14820078	1.41605841
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2.54173079	2.45002409	2.14554706	2.28335969	1.58017548	2.82043803	2.15671497
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1.50881443	2.06069811	1.76099855	1.96041475	1.34241051	2.08233429	2.00423558
0.16263232	0.85288509	1.01460055	0.88440341	0.63583153	0.75615079	0.20885945
1.51130489	1.33122424	1.28107688	1.3716601	1.60039801	2.34774469	1.52739679
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4.17102553	4.25184368	3.86693286	3.90842922	4.13600111	4.46877787	3.97308464
1.71919401	2.73688629	3.26338324	3.32790826	2.28452957	2.27476503	3.36660611
0.49761942	1.41437036	1.19872582	1.22783823	2.08480191	2.32314782	1.45614072
2.316881	2.08295337	1.75665591	1.95933074	3.30569359	3.07586927	3.21318617
2.41900109	2.1951875	2.2233159	2.40970418	2.9260538	2.92058124	2.86176831
0.72543606	1.33388433	0.96791289	1.40425084	1.58281047	1.38880443	1.77708431
2.30734859	2.19556055	2.22103149	2.49698785	1.04621802	2.16354195	2.14386709
0.24363413	0.4354547	0.33984536	0.57992415	1.00E-04	0.25930142	0.79893308
2.83448659	2.62090347	2.41998465	2.75342736	2.87238736	3.07820989	2.72336025
1.00E-04	0.47043548	0.25968549	0.52467482	0.96745235	1.38066901	0.93745641
0.49658833	0.82665433	0.89975587	1.01343192	4.42064959	4.95118904	4.56765642
5.89908432	6.08035641	5.76640274	5.74383658	5.67440477	5.8099111	5.238617
1.64974668	1.70715007	1.70281075	1.58864734	0.42938666	1.41633313	1.17855448
2.88415865	3.02313438	2.87059553	2.78346137	2.72268306	3.09105634	3.06223281
1.15094496	0.9776131	0.84038661	0.80916214	1.00E-04	0.58369497	0.41298367
1.87381085	2.51929368	2.18392439	2.38637892	2.79460897	2.35036234	2.22047606
4.90742313	4.78513408	4.53633767	4.41083004	2.74916113	2.6915211	3.1122126
1.33007282	1.0236277	0.88611141	1.00123439	2.56930484	2.00958713	1.07948921
1.403986	1.25535924	1.14801198	0.99475769	1.93740585	1.5752239	1.51248668
1.79758178	2.24611899	1.68749737	1.72552305	2.51792965	2.1129728	2.46589571
2.75523869	2.82684027	3.15880363	3.15946467	2.57611861	2.99559829	3.05741423
2.96828561	2.89455146	2.90741184	2.88417734	2.89760259	2.81248476	2.55194236
2.45102859	2.68678389	2.31780294	2.5615753	3.12437121	2.67587821	2.24142048
0.66120646	0.97691281	1.05121969	1.14947251	1.00717201	1.12128656	0.61710765
1.53509857	1.76794074	1.66558307	1.82320512	2.32119209	2.48786257	1.57138099
1.68482274	1.86159826	1.95913317	1.66554153	1.69201682	1.7620012	1.58506901
0.94704857	1.23588488	0.86890329	0.70577117	1.67774186	0.38529299	1.20042128
0.63259069	0.7770486	0.51523148	0.63107727	1.00818688	0.37047444	0.50751015
5.37409043	5.43601121	5.08611157	5.09371007	5.54697589	5.63595898	5.1178161
2.75561973	2.93682287	2.96773944	3.03380429	1.86405878	2.98900308	3.13408808
1.91915625	1.79331541	2.0389128	2.08287723	1.6755107	2.51975392	2.47519821
5.37701312	5.6258219	5.27528423	5.15251743	5.72731302	5.80000471	5.34544877

1.84907955	2.51803074	2.26610718	2.33528964	2.36593052	1.98242403	2.04697403
2.73219564	2.89568431	2.81127934	3.05300175	2.5044152	2.93050424	2.69824542
4.59492049	4.75641129	4.38947327	4.48401829	4.26969358	4.56884762	4.51138062
2.51954533	2.43388866	2.32158825	2.24852627	2.18847161	2.80329549	2.53364795
4.54910419	4.55466974	4.32463258	4.27306155	4.29526662	4.59371733	4.02415301
3.88670387	3.95298194	3.54037253	3.74046398	4.09186779	3.98062045	3.75582989
1.20384572	1.61672609	1.20460407	1.32881863	1.8117113	2.14242985	1.71524375
0.37731162	0.53344331	0.38790226	0.68441335	1.91411394	1.37493408	1.37062716
1.00E-04	1.00E-04	0.03643129	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.9167973	3.07985026	2.69755512	2.78743203	2.78969098	2.53099891	1.78714877
1.29180775	0.94867916	0.60956458	1.06230662	2.11953887	1.93811824	2.80634152
1.41313472	2.02855562	1.91958698	1.99938357	0.68552334	1.57763776	1.48311651
2.2073368	2.26123798	2.2970855	2.43204857	2.47527378	2.41117497	2.63719717
0.46247891	0.66538268	0.6205151	0.64067519	1.00E-04	1.251338	1.75335787
1.48698675	1.37501273	1.74565946	1.79980922	0.38530742	1.66227017	1.26937936
2.51659059	2.7390357	2.59136809	2.74688022	2.54827112	2.55646109	2.57249816
1.53065991	2.14970058	2.15417484	2.2408457	2.2045062	2.73070308	2.33247533
0.2704768	0.63591763	0.38144367	0.25075884	1.62119511	1.03905042	1.24738978
3.01963002	3.0633613	3.03574243	3.0702444	3.5563799	3.37751903	3.51954706
1.60412201	1.02286339	0.74916241	0.85703112	0.97918916	1.2097858	0.70566556
2.15792212	2.28959718	3.17937272	2.69612097	1.00E-04	0.38639393	0.93135499
2.21125371	2.43133441	2.44152116	2.55970283	1.9692927	2.356193	2.38432752
1.93963184	2.0357655	1.87804393	1.87180757	1.30058624	1.70887261	1.85448275
0.83323018	1.98602736	2.19193987	2.41365431	1.00E-04	1.82391916	1.83032891
1.19428254	1.79539124	1.87194822	1.76574724	1.3857918	1.08105445	1.36952294
1.07659214	0.65840464	1.02492368	1.39366601	1.98666172	1.15974576	1.81778075
3.13363222	3.47103101	3.26939964	3.35209526	3.8893619	3.64427134	3.6195187
1.77509893	1.91690659	1.94364235	1.6693561	1.80447224	2.17353781	1.35095027
0.60038462	0.14339731	0.19887437	0.0729938	0.89984657	0.56683517	0.96019848
2.05989558	1.95122998	1.91122992	2.41547384	0.76149432	2.1123815	1.10102186
2.52091611	2.77839778	2.47467309	2.75786536	2.47480162	2.63933809	2.7052209
1.00E-04	1.00E-04	0.26512411	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46529541	0.8464727	0.87696662	0.82446096	0.92470039	1.79798889	1.78960608
2.71987746	3.234836	2.86804316	2.8991785	2.9659246	3.11214052	4.23710454
3.85914473	3.95447166	4.80041037	4.85635474	3.73612833	3.79472002	4.6979693
2.40530273	2.67980615	2.0581624	2.04834088	2.13904793	1.98723353	1.43432245
1.43454173	2.0584996	1.08671112	1.30313228	2.49112209	2.92291235	2.78321972
1.23961596	0.86622573	0.7312723	1.13906974	1.67343353	1.51406912	1.05162796
3.53668179	3.89366978	3.83695193	3.91058971	4.59760559	4.55312075	4.02874166
0.8774847	1.08423462	1.34220805	1.38396507	2.45141609	1.88912851	2.32407896
0.75972114	1.06919892	0.94294507	0.76174977	0.44340029	0.22074923	0.31078224
1.37343955	1.29842137	1.40131662	1.61523853	0.42197018	1.64627684	0.80429118
2.28786495	2.84968914	2.46367634	2.66442764	2.66312701	2.28447708	2.4867844

1.00E-04	0.51491571	0.63630551	0.66323295	1.00E-04	0.74148926	0.53771767
0.39858705	0.52544958	0.60774121	0.6886417	1.00E-04	0.51734424	0.79944187
0.7818589	1.13863303	1.05275134	1.12812951	0.65910354	0.66302979	1.0359029
3.52066753	3.86315631	3.7484876	3.89365394	3.52893777	4.13318053	3.86547095
2.99472311	2.87036837	2.82247116	3.04327303	2.79886666	2.64561968	2.56742258
2.78266726	2.82033967	2.42283501	2.53610527	2.95549059	2.98911612	2.83253462
3.52774891	3.75438593	3.63585445	3.61831897	3.73577704	3.70115024	3.6269344
1.04538499	0.51014443	0.86014016	0.78078829	0.52474525	1.53018468	2.32158405
1.02827145	1.97828359	1.77529005	1.87915751	1.48184407	2.09053922	1.59519378
3.21429513	3.27936272	3.24950367	3.25399293	3.02966482	2.99625375	3.00859775
1.11274943	2.13828854	1.92322894	2.07563758	1.67340643	1.0884598	1.36773681
1.00E-04	0.48188446	0.25766786	0.47035545	1.00E-04	0.68625515	0.9827148
0.60415833	1.00E-04	0.64355188	0.79466164	1.20092764	0.67543325	0.32453024
1.00E-04	0.26135941	0.04121491	0.0869086	1.00E-04	1.00E-04	1.00E-04
2.02310778	1.3951114	1.89712319	2.25969312	1.83897017	2.30329163	2.470492
2.56706016	2.58897099	2.35582371	2.55896803	2.31791773	2.54319382	2.51590282
2.36703417	2.02256461	2.43401476	2.34940899	1.82672057	2.20421722	2.10851661
1.91893778	2.15947657	1.94111474	2.32499246	2.31867742	2.3901723	2.0323519
1.26244806	0.83930878	0.86436723	0.98020496	0.82073524	1.32478946	1.37905548
1.20273883	1.18233741	1.23196749	1.37443016	0.42197018	1.53426397	0.60157304
2.84180291	2.95439897	3.05886275	3.0995419	2.84196697	3.35240666	3.53194474
1.00E-04	0.71760446	0.17830061	0.2057808	0.61856275	0.42921224	0.49641187
2.66030738	2.8159491	2.66361318	2.94326969	3.60690712	3.85322327	3.15235811
2.34178236	2.32846078	2.36162937	2.12833456	1.66711349	2.12599013	1.64649767
2.57323968	2.75491546	2.53806582	2.73442408	2.3285846	3.17687087	3.23565195
2.20899864	2.48374069	2.14334584	2.41403361	2.68237673	2.86811761	3.12740723
1.52041	0.9211109	1.19346458	1.37736971	0.42938666	0.25950361	0.11565659
1.031871	1.0830218	1.52707269	1.71116532	1.24335083	1.85137759	1.39670151
2.5472783	2.07923437	2.19908552	2.34557378	2.51686759	2.10774284	2.3133218
1.00E-04	1.00E-04	1.00E-04	0.41915946	1.00E-04	1.00E-04	1.00E-04
4.27502173	4.3743855	4.15325074	4.21053185	4.19896565	4.11593673	3.89378895
1.00E-04	1.00E-04	0.20475672	0.42954172	1.76849494	1.3565179	0.79195856
0.34968016	0.35744225	0.45277234	0.0951462	1.00E-04	0.16898238	1.00E-04
2.62716772	2.25965862	2.10080305	2.27097417	2.30683767	2.36868066	1.58363389
1.08988319	1.27586169	0.54647445	1.02015626	1.42643855	0.84691188	1.14080218
3.49972934	3.35682884	2.86033759	2.90557083	3.45294648	3.83532148	3.26567158
1.88359385	2.47169421	2.12790587	2.39969769	3.05594171	3.5716822	2.93175783
0.24538996	0.32373909	0.35021639	0.54643616	0.24496797	1.36405074	1.52989454
4.36253137	4.38272138	3.98401082	4.09854041	3.46732613	3.92172143	3.84042273
0.65336284	1.17879326	1.21838975	1.07472136	0.42197018	1.05055511	0.8209611
2.88946887	2.93285984	3.33209021	3.42737879	2.10613838	2.95412233	3.04866795
3.84901989	3.19103221	3.13194222	3.68963953	1.30107142	1.00E-04	0.85537551
0.15649427	1.00E-04	0.11183019	0.16220283	0.52474525	1.00E-04	0.11565659

2.51273026	2.61164679	2.29332627	2.56632161	2.62403176	2.70516464	2.18855194
0.59141878	0.60842775	0.43037536	0.99988176	0.30780692	1.20509401	0.90799626
1.58680353	2.02118316	1.74049724	1.96929686	2.49015761	2.40186363	1.99619916
2.23380713	2.51616179	2.37890583	2.55658076	2.54937218	2.45049029	2.99742793
2.73826776	3.03370748	2.94325003	3.18804408	2.48943473	3.20166305	3.05468698
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.04529715	2.14343638	2.16219331	2.18389093	2.87628587	2.08920845	2.60872743
1.25848437	1.48652857	1.39146825	1.60074084	2.01837638	1.87002106	0.98944244
0.76575121	0.31305723	0.73960469	0.62136795	0.80006359	1.01309397	0.52142169
0.90438617	1.13544497	0.39416775	0.68698847	1.00E-04	1.00E-04	0.7138647
1.00E-04	1.00E-04	1.00E-04	0.07285841	1.16337086	2.04661275	1.26852412
2.5413063	2.60599187	2.79301014	3.06793345	2.75080729	2.68571262	2.85263086
2.14562266	2.34018791	2.28639943	2.19193139	2.29743329	2.50086862	2.17537846
1.00E-04	0.74475276	0.83126455	0.89761695	1.15239789	1.65218409	2.01164315
1.00E-04	1.00E-04	0.47860443	0.44226358	1.00E-04	0.57476481	0.4509066
1.18922014	1.07778451	0.8361965	1.10880406	1.28304126	1.08693172	1.87432187
1.00E-04	1.00E-04	0.05274834	0.07705758	1.00E-04	1.00E-04	1.00E-04
0.96231208	0.90749286	0.70216759	0.94142018	1.05772513	0.5255048	0.77241256
1.45473986	1.29808739	1.43308482	1.84813106	3.04806601	2.63081665	2.60235101
4.35521833	4.68915608	4.25036719	4.21439057	4.29930286	4.96349435	4.13107268
3.26798197	4.04434	4.60661407	4.72510948	2.94859122	3.1441948	4.5224088
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2.02822076	2.53400281	2.56534561	2.54455948	2.4468087	2.2486626	2.70255519
3.74857445	3.75660048	3.76828246	3.76432084	3.70847075	3.87299835	3.73192537
2.9510609	3.33330646	4.06608932	4.19151075	2.78840767	3.23039924	4.0342187
1.7939246	2.34588595	2.92929259	2.95508136	1.9632701	2.30572746	2.87785246
4.07741484	4.10969582	4.08836245	3.73681081	3.45669818	3.32505959	3.41496289
4.64348266	5.10068248	4.73088029	4.70884286	5.8413847	5.6391308	5.36926365
2.07890498	2.60443033	2.72880341	2.30368756	1.72171013	2.40124643	1.30937616
1.00E-04	0.58031509	0.1452139	0.19714693	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.23578437	0.38283242	0.12547845	0.48060496	1.86696805	1.11313918
1.58520571	0.9363643	0.75114184	0.69207536	1.8072406	2.13500315	1.76274879
1.00E-04	0.07925372	0.04334685	0.29664063	1.00E-04	0.57293445	0.35106062
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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4.19600113	4.17543288	4.24645194	4.30093621	4.61119555	4.45006701	4.50338475
3.68775423	4.21257918	3.4724232	3.5356178	4.49210122	4.76276492	4.13726506
3.80091127	4.06323253	4.01233762	4.0348416	3.52450741	4.08208996	3.82405803
0.12230013	0.19574143	0.23831392	0.31101076	0.70997801	1.23657737	1.02168738
0.57792945	0.99921435	0.5306535	0.63509308	1.25270987	0.68818588	1.76019346
0.69624323	1.06770996	1.19170801	1.01461743	0.78234266	1.75195159	0.9551005

2.33828809	2.24449069	2.07646653	2.47623304	3.26457292	3.32001107	2.95464446
1.43920478	1.55292837	1.43407285	1.46491754	3.30873979	2.08456378	2.47839022
0.41388975	1.08056936	0.87366233	0.97556348	0.78234266	1.12798564	0.99395465
2.41643755	2.16548684	2.49754889	2.60920393	1.94486308	2.63611745	2.61282071
0.43659777	0.61049419	0.91566928	0.65629979	1.18300358	0.36471294	1.35477241
1.00E-04	1.00E-04	1.00E-04	0.05552975	1.00E-04	1.00E-04	1.00E-04
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2.14638038	2.37098027	2.07151809	2.01596795	1.67544283	1.88497742	2.12985404
0.78763047	1.0739056	1.14920241	1.2975134	1.4842458	1.11624366	2.01371477
1.00E-04	0.26760866	0.69308075	0.71144089	1.00E-04	0.27059543	0.24554172
2.10502073	2.52353293	2.21617293	2.55183947	1.56915459	2.48049506	2.55076716
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26390131	1.40387832	1.39682812	1.37299125	1.74417234	2.49572044	1.67686449
0.20534776	0.81105434	1.0010573	1.1846775	2.17012677	1.47187051	1.76583916
1.28694909	1.67883166	1.36094559	1.38187015	0.98791596	1.81817074	1.32903464
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82578712	1.49564594	1.59870158	1.89226127	1.62845478	1.58208566	0.82403229
4.53272836	4.57037348	4.3394553	4.12769433	3.60515926	3.64124102	3.60611491
1.07717084	1.97539246	1.43070967	1.43561561	2.51122679	2.13136001	1.77660862
4.94693729	5.03914839	4.52909943	4.46892766	5.42223633	5.61044144	5.12505773
3.67806926	3.89822394	4.01438534	4.08429139	3.37454129	3.21465682	3.56431147
3.543241	3.7308446	3.6477713	3.76786451	3.38600751	3.69042975	3.58062624
2.06020183	2.28825975	2.11908043	2.37123696	2.39884005	2.4803532	1.91440359
3.1333062	3.04580601	3.01420817	3.09929887	4.05444026	3.81977165	3.54124093
2.60195521	2.97415861	2.59513456	2.70989197	2.40108961	3.05961636	2.57718818
2.29002652	2.65741375	2.14584659	2.06980001	2.13730206	2.55853746	1.84823338
0.73315988	0.64165473	0.68677438	0.8775951	1.00E-04	0.62476096	1.29677758
2.12232071	1.80038693	1.78600417	2.10621242	0.52474525	0.68019203	1.12063948
3.8157186	3.92057504	3.46169103	3.55547128	3.7911398	3.64001184	3.61437579
0.87935522	1.28396074	0.94601418	0.91935147	0.76209755	1.74378669	0.75203636
3.25199879	3.44746023	3.10130869	3.3340242	3.32129149	3.69114107	3.19786105
3.09222791	3.34342637	3.40252019	3.47282353	2.99895626	2.5849839	3.51472704
5.26436987	5.36075754	4.83019149	4.77305714	4.64831326	4.94576889	4.38792566
5.20293095	5.34499628	4.82323553	4.82892314	5.22711446	5.37603976	4.77461246

C5.N	C6.wk5	C6.wk11	C6.wk13	C6.N	C7.wk5	C7.wk11
1.00E-04	0.79637057	1.29758656	0.36628895	0.59346766	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55753592	1.00E-04	1.00E-04	0.11095817	0.35710818	1.00E-04	1.00E-04
1.31919236	1.00E-04	0.46683864	0.73161122	0.26565594	0.96326844	1.79509859
3.99404498	3.04654373	2.50837903	2.03930398	2.60874075	1.70219847	1.56791403
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13957128	1.00E-04	1.00E-04
2.46676082	1.57425868	2.20986158	2.58447393	1.98877021	2.12493712	2.0627791
3.84793435	1.74252082	2.8796804	2.56801663	2.78839333	3.77704957	3.84557167
1.00E-04	0.87456952	2.17554871	3.30078262	1.90681452	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09703757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13631278	1.00E-04	1.00E-04
1.66487172	1.46000926	1.82304876	2.06526696	1.62430422	1.19321377	1.00E-04
3.67723468	2.88094337	3.99500942	3.5057117	3.89468378	3.04364281	3.99195645
3.80400652	3.72277125	4.71763429	4.42324754	4.57613054	6.04103664	6.05168611
3.0907865	1.31236668	2.51342777	3.31115066	3.29357975	3.31359136	2.51599323
3.16118848	1.63330261	3.11195289	3.65296669	3.59462295	2.30427397	2.80152439
1.00E-04	1.00E-04	1.00E-04	0.10897151	0.15509212	1.00E-04	1.00E-04
2.90801313	1.57344444	2.30984182	2.01440068	2.38440653	1.81604752	3.07074359
3.63837925	1.91343604	2.89825977	3.00780831	3.56364382	3.88825938	3.81693168
1.8634223	0.71640521	1.97666764	2.09121326	1.29946804	1.24135441	2.8475209
3.28816246	2.38225459	2.65455599	2.71403543	2.75169884	3.53262467	3.05651831
3.28472924	2.09397563	3.31633666	3.00638875	3.37895915	3.00962191	3.37271348
2.52190682	1.93448095	2.91489116	2.82921014	2.65016719	2.83423292	3.30994425
4.62797745	3.32428806	4.16994908	3.67061092	3.99000617	4.49808615	4.81236285
0.27117884	1.00E-04	0.5863065	0.59233379	0.12233227	1.00E-04	1.00E-04
3.05337921	1.68459105	2.7534809	2.98552344	2.74223843	3.06135926	3.0806087
3.44090796	3.01296207	4.10076263	4.02922977	3.91422664	3.01656262	3.93768103
1.487542	2.02862914	2.38270071	1.86115149	2.18679517	2.7982382	1.41863144
1.00E-04	1.00E-04	2.28798587	2.09530463	1.41086283	1.00E-04	1.00E-04
0.37636034	3.18288931	1.07195436	0.34459284	0.57938634	1.00E-04	1.00E-04
0.31178273	1.00E-04	1.00E-04	1.29597621	0.12792029	1.00E-04	1.00E-04
3.03435136	2.2601386	3.58916346	3.38657638	3.24075648	2.78800477	2.81143951
2.1725554	2.3459038	2.78447975	2.63644675	2.76502359	2.2397536	3.5164383
0.43804949	2.79120499	2.18813593	1.67192253	2.17782088	1.00E-04	1.00E-04
2.44646725	2.1335099	3.50306577	3.18906578	2.98846505	3.31568069	3.28640742
2.15436231	1.3484342	2.36798623	1.80063277	1.65199296	1.0281643	1.33072517
2.85722582	1.52557294	2.54361447	1.63773426	2.14105438	2.09548644	2.24280135
1.00E-04	1.00E-04	0.08746931	0.16301349	1.00E-04	1.00E-04	1.00E-04
0.43044939	1.00E-04	1.42961643	1.24168795	1.05410892	1.00E-04	1.00E-04
2.3761284	1.2795411	0.17818339	0.39674349	1.98788292	5.99929351	5.85595936
4.1561727	3.42844213	4.07671986	4.05142686	4.11636477	3.83488419	4.11299989

1.00E-04	1.36324452	1.77921555	1.43079168	1.17252312	1.00E-04	1.00E-04
0.17385432	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78141142	1.29505143
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83873894	1.00E-04
0.2663457	1.94683379	2.74679467	2.7796907	3.21263858	1.00E-04	0.7551454
3.88805751	2.44577037	3.56103314	3.293822	3.68920493	4.22824004	4.21753891
2.10362541	1.00E-04	2.17296015	2.67792461	1.88076488	1.66147772	1.90557564
0.92866344	0.87612072	1.37417643	1.3611249	1.53914295	0.82693741	1.00E-04
4.63976774	4.70798083	4.5431993	3.87504814	3.89680628	5.2871258	5.26125026
2.9662028	1.30959702	2.89606261	3.01051976	3.15154887	3.66339041	3.67430324
0.27611176	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08974194	0.25117958	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17241709	0.37064878	1.00E-04	1.00E-04
0.82647565	1.00E-04	0.76571143	0.38294326	0.27422307	0.86319656	1.64810445
1.8939852	0.74506998	2.91805823	3.32352446	2.89830437	0.79958263	1.00E-04
4.5658084	2.12433772	4.51850347	4.29607817	4.21344808	3.01064737	3.91330209
3.25670844	4.11066766	4.2350601	3.68907736	3.88547622	3.21552801	3.9294802
1.21285546	2.92205254	3.0903674	2.5456267	2.4923055	1.00E-04	1.97679097
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7902481	1.11557715	0.80101197	1.07769193	1.00E-04	1.20679676
1.10971534	0.79637057	1.37617753	1.1003711	1.42744079	1.8794659	1.74374467
2.65422544	1.00E-04	0.07516994	0.33060579	1.00E-04	1.00E-04	1.00E-04
3.89864591	3.59922233	4.42569534	4.15827116	4.35297755	4.34600867	4.59581579
3.33379348	0.74506998	2.30585323	2.13563049	2.34849566	3.03714659	3.2459206
4.1274856	1.71117119	3.48987535	3.63436102	3.58342698	3.92598342	3.61400472
3.97809971	2.87654331	3.86396653	3.93971882	3.90536093	3.71170248	3.93143435
2.65591541	0.69779233	2.55266108	2.62583223	2.68315002	2.15388013	2.10472994
2.21275525	0.79637057	2.57212974	2.80934985	2.69838561	1.38988151	1.83981391
4.80940863	5.03895207	5.77929597	5.56970035	5.67184977	3.67382608	4.71967778
3.08940429	1.00E-04	1.14775057	2.01400051	1.72160415	4.35677058	4.56206869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93744809	1.00E-04	0.77799543	0.67611625	0.54922254	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10484578	1.00E-04	0.24194431	1.00E-04	1.00E-04
0.41002126	1.00E-04	1.00951134	0.41967841	0.5696398	1.00E-04	1.00E-04
2.41025837	1.22644621	2.15721525	1.64196112	2.23744078	1.47910583	1.64624433
2.86916901	1.99210622	3.03930105	3.06898056	3.15868747	0.77057821	1.86619024
4.69637298	4.26971551	4.44777242	4.28127834	4.07062658	4.90075774	4.85864022
0.32500776	1.00E-04	0.52040361	0.54741916	0.65453052	2.70546829	1.14061365
3.16116635	1.93742268	3.33536147	3.40116987	2.51142356	3.30924483	3.07897317
3.23756577	1.45110418	2.81355925	2.96626265	2.70416929	1.83699242	2.07151026
1.94025367	1.00E-04	0.25688201	0.5628232	1.27880065	1.00E-04	1.80470706
3.60515284	2.48799129	3.33496212	3.56664469	3.5950361	3.33326322	3.94708913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.39511542	2.37993145	3.20567271	3.43405255	3.48048423	3.45406589	3.25124385

4.24043102	2.89061731	4.31956388	3.88071973	3.70327388	4.31888774	4.27495169
2.54856352	3.08489749	3.26932995	2.76673924	2.63804576	2.67692886	2.83321583
4.19636997	2.98308045	3.30755763	3.51008902	3.3058478	3.89731636	4.36053684
4.27258048	4.32632265	5.33671273	5.07499355	5.39116359	4.27342363	4.65315408
4.12520892	2.85626685	3.91934839	4.01682944	3.96715919	4.28218877	4.16918776
2.2949758	1.62636716	2.59898775	2.77738545	2.63544505	1.73805254	1.38891931
3.46988651	2.81656723	4.06490521	4.41639535	4.58930128	3.55438912	3.14899595
3.29305324	2.06493367	4.02277657	3.17572497	3.35047582	3.46898948	4.02617111
2.76908032	1.80795307	1.90310101	1.82213795	2.69303055	1.40857904	0.49725191
5.50055799	4.72233645	5.41721821	5.10519505	5.06922159	5.32952204	5.51037238
2.58837163	4.43556565	4.7064922	4.06219696	3.98823427	4.3259671	3.63182965
3.11720965	1.00E-04	1.82180079	2.56544777	2.18314653	0.72869785	1.98249409
1.48788608	1.00E-04	0.58689927	0.43234625	0.41017094	1.8566893	1.57633175
2.6581049	2.35117865	3.30132537	3.31165344	3.316251	1.00E-04	1.98054148
4.72121771	3.25284248	4.54194871	3.96461825	4.43058888	4.80466355	4.89126999
3.47106885	2.05088722	4.07486764	3.54427528	3.52961855	4.26693408	4.21659895
5.70055417	4.98741206	5.35988026	4.6639786	4.86644998	5.51743584	5.5644593
2.36731352	2.22466793	2.36773088	2.23321263	2.88793888	1.00E-04	1.54180189
1.00E-04	1.00E-04	0.58121525	0.59544216	0.51841639	1.00E-04	1.00E-04
1.27371082	2.86754451	3.78737234	3.32086869	3.2647627	1.00E-04	1.26750813
4.48468003	4.12782653	5.10725319	4.9259281	5.24757683	5.83031478	5.59858199
1.98762546	1.00E-04	0.10835368	1.00E-04	1.00E-04	1.44435479	1.00E-04
4.8997112	2.27411289	3.33727635	4.60246348	4.66619157	3.0052879	3.35038641
2.59553839	1.94264089	2.22073166	2.2198724	2.00882547	1.78302152	2.63053643
3.68375676	3.20254372	3.22815464	3.03707115	2.91827033	3.55432132	3.2339198
2.82168597	1.00E-04	1.90995748	2.5346049	1.96846993	1.80559421	2.24647195
2.66192449	0.87456952	2.00775785	2.10835056	2.78423028	2.73715034	1.22246124
3.37607968	1.00E-04	1.15919396	0.65627469	1.03720299	2.05554459	1.00E-04
2.73844011	2.06298723	2.93581077	3.6623101	3.35162481	0.83873894	2.33252653
2.92114964	2.18949268	3.45587802	3.67264563	3.47978925	2.61132402	2.56396191
3.63945308	1.738694	3.52699886	2.90030361	2.79114177	3.72736656	4.09246253
1.60770966	2.74690778	3.1140794	2.45774102	3.08167393	2.77739176	1.99586663
3.36045597	1.71823168	3.43406562	2.94900793	3.23259753	3.39531258	2.57887067
3.01336989	2.94940782	3.35815367	3.05033272	3.0500367	3.54194726	3.25696938
1.5373575	1.00E-04	1.77313385	1.3734372	1.78514541	2.20101767	1.95079822
1.94175573	1.16296659	2.30603206	2.3141636	1.67660928	1.77875303	2.53315336
1.93343672	2.79616617	3.55645308	3.32600187	3.51706518	2.79973442	2.5559736
3.58715828	1.48236646	2.89129504	3.5490181	3.02801734	3.14734668	2.35103887
2.36640895	0.69779233	2.62340056	2.5135841	2.48383162	2.03014581	2.01913887
3.23660748	2.39644581	3.36209688	3.61417556	3.55970314	2.96888457	3.71765317
2.68420214	2.04282422	3.10332968	3.29611226	3.61292204	2.7775456	1.8646091
0.91303441	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.38951674	1.00E-04
4.28909783	1.00E-04	0.6537099	1.69729357	1.98236656	4.30848403	4.23631669

6.36077972	5.046862	5.53775951	5.22072691	5.41463792	6.07653088	6.10778291
2.79485245	1.50457874	1.82787676	1.17433956	1.13055964	2.00101997	2.48458932
4.03847615	1.98856521	2.89038739	3.43670345	4.00004911	2.98451512	3.66752602
3.30519396	4.15830482	2.5294308	2.63785728	3.31911139	3.06022373	2.99222387
4.60929866	2.64339648	3.83782284	3.90637781	3.9684357	3.57479478	4.32324553
1.82636949	1.00E-04	1.62594363	1.8725348	1.93998256	0.46029024	1.00E-04
3.48415659	4.04792639	3.54193583	3.78131157	3.69150879	3.64505929	3.33656173
4.82827178	4.08792467	4.50781536	4.36438527	4.43468922	4.42083254	4.83828777
0.29412275	0.87456952	1.00E-04	1.00E-04	0.89766155	1.00E-04	1.00E-04
1.38450681	3.22103382	2.26075165	1.81807374	2.71714921	1.00E-04	1.74658532
0.375354	1.00E-04	1.00E-04	1.00E-04	0.35855373	1.00E-04	1.00E-04
1.54207442	1.00E-04	1.45662235	1.81876155	1.07199498	0.97412898	1.294807
1.00E-04	1.00E-04	0.44529786	0.74786507	0.81384253	1.00E-04	1.00E-04
1.00E-04	2.54635374	2.35858899	2.28487289	2.97972752	1.00E-04	0.82486735
1.70316299	1.00E-04	0.13996872	0.4334475	0.96381724	2.51922733	1.87901223
1.5271558	1.45110418	2.77046431	2.11817004	1.84574434	1.90717218	1.40292264
4.49223145	3.65845795	4.68505987	4.41502667	4.95320189	4.75089947	4.89045893
1.00E-04	1.00E-04	0.20747964	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.73887296	3.52580051	4.59138063	4.22521526	4.23825183	4.83727091	4.93489863
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47800536	1.00E-04	0.15404675	0.37490806	1.00E-04	1.00E-04	1.00E-04
3.12320162	0.72877389	2.09012734	2.87532291	3.43312728	1.00E-04	1.33880484
0.81371515	1.00E-04	1.62223132	2.02607749	1.957201	1.00E-04	1.75289288
3.88037708	2.73268189	3.56117681	3.64406487	3.22850788	3.93567566	3.43044037
0.12491829	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07883535	3.47960446	3.38378735	3.67669839	3.36511225	2.70883136	3.56254709
4.01230509	2.95044806	4.29699768	4.3749917	4.3931968	3.4966433	4.28209427
0.10913195	1.00E-04	0.58997845	0.08974194	0.3479736	1.00E-04	1.58608049
1.82184856	1.78747783	2.44231017	2.52571413	2.86278129	2.36729105	2.03993864
0.35886391	1.00E-04	0.12776269	0.15733378	0.14148046	1.00E-04	1.00E-04
3.32489649	3.68840429	3.61681101	4.41266769	4.11854261	2.22209569	2.62270082
2.77549346	1.47286366	2.787256	3.12082476	2.83880568	0.95102466	2.23572153
0.34452319	1.00E-04	0.47606896	1.06781098	0.85053325	1.00E-04	1.00E-04
0.49496205	1.00E-04	0.9249017	1.02299144	1.49118497	1.00E-04	1.00E-04
2.21888835	2.34257535	2.68260215	2.55868499	2.14463222	3.48669512	3.77732976
2.59442794	1.61206722	2.53365769	2.52506833	2.52312577	2.59265365	2.63796705
3.41088476	2.70895036	3.08695367	3.26911237	3.09320074	3.34920059	3.33454024
3.77027303	2.87639972	4.17748689	3.50663523	3.46068124	3.17154305	3.43601587
0.8503856	1.63330261	1.90747956	1.80924195	1.79361974	1.00E-04	1.00E-04
2.75179185	2.39560286	2.66265862	2.35036285	2.04275228	2.49029172	2.2720671
1.69177421	2.91856331	0.25012519	0.39294295	0.66098134	3.83562593	3.62093785
3.13106988	2.206836	3.16838389	3.50665258	3.67643738	2.25603741	2.76500164
1.12470816	0.87612072	2.03290319	2.19327027	1.25633323	0.89799762	1.50587839

0.91077835	1.00E-04	0.42716845	0.72394736	1.00E-04	0.72869785	1.13658288
4.17909617	1.2795411	2.97673928	3.85996812	3.49581949	2.03518946	2.59842472
2.94195211	1.47912128	2.80171269	2.86267823	2.67810788	1.44106337	2.67429936
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84635654	2.57088906	2.99536427	2.67893375	2.39435138	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18483345	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33739834	1.00E-04	0.42561763	1.02307206	0.90346887	1.00E-04	1.00E-04
0.34329606	1.00E-04	1.00E-04	1.00E-04	0.76237851	1.00E-04	1.00E-04
1.09171423	1.00E-04	0.21446524	1.03617157	0.21894683	1.00E-04	1.14079762
1.00E-04	1.00E-04	0.37638229	0.31393636	1.00E-04	1.00E-04	1.00E-04
3.18853938	4.01021049	4.58104594	4.46664467	4.4190397	2.06904784	2.5324647
3.59623091	1.17452218	2.67828945	1.97114803	2.11158125	3.0457295	2.92006349
3.6947516	1.97017223	3.10312873	2.97526497	2.29496538	3.57053231	2.71729738
3.56983824	4.23827024	4.63285245	4.14065345	4.25024495	4.26262003	3.79016205
4.59648354	3.40391366	4.02654964	3.87593083	4.16141909	4.74284984	4.69331845
3.30884507	1.86558703	3.25547378	3.5465402	3.33029448	2.07977068	3.65090243
0.64792987	1.00E-04	0.13390453	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13683399	0.91539402	1.00E-04	1.00E-04	0.81996147
1.6227221	0.68407235	1.76890136	2.15048491	2.5326948	1.00E-04	2.12533742
1.00E-04	0.8339972	0.66199413	0.69541844	0.43172236	1.00E-04	1.06680503
1.00E-04	1.00E-04	0.52073312	0.14399149	0.38783569	1.00E-04	1.00E-04
3.2510264	3.04272822	4.04413362	3.8907468	3.87556177	3.51246102	2.9046576
1.37068673	1.96118785	3.27059066	3.07950689	2.57157157	1.23897179	1.00E-04
0.1671021	2.25383041	3.10917819	1.72068567	2.3707368	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11567939	1.00E-04	1.00E-04	1.00E-04
1.90496615	1.00E-04	0.2852025	0.57033435	0.20347436	1.00E-04	1.00E-04
4.4590005	3.43491075	3.41129383	3.76784467	4.11859974	3.50676676	3.35771501
6.47447183	5.08671725	6.21677985	6.51901898	6.68131801	5.04339839	5.3033843
1.00E-04	1.00E-04	0.06287992	0.15975889	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10372144	1.00E-04	1.00E-04
2.77451731	2.54814038	3.70263651	4.30494478	3.93951296	2.61402401	2.93259843
1.00E-04	1.00E-04	1.00E-04	0.21395878	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.61575329	0.1732622	0.8552571	0.95637875	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.26954617	2.12654486	4.27278597	4.20219201	4.41798522	3.4800886	3.39103558
0.2137364	1.00E-04	0.74029764	0.44418526	1.51956133	1.00E-04	1.09929142
1.25134785	2.27801923	0.19375367	0.13831052	0.69128388	1.00E-04	1.58637559
4.67639424	4.51622188	5.24862404	4.76870546	4.89173935	4.98767067	4.91043687
4.04757409	3.20799152	3.51702771	3.90318463	3.88740601	3.97501195	3.91369205
2.59906291	0.8339972	2.55829495	2.08329921	1.92820325	1.66980886	2.67541285
2.93065127	2.18496372	2.70969666	2.64794367	2.62137506	1.31151447	2.89277349
6.01116745	4.44457344	5.21953312	5.47068023	5.63451745	5.62074974	5.7208491

5.86817778	4.19034158	5.22640579	5.25933133	5.35910223	5.54764915	5.56136701
3.37828979	1.7400616	3.18109658	2.78561943	3.10852653	3.57525977	3.27564243
2.67302695	1.00E-04	1.90087059	1.30941504	1.65406724	3.40647669	2.64200205
2.72088875	3.18788597	2.55784287	3.04323522	2.59458163	2.65339078	2.2281446
2.0409725	0.69779233	1.42105092	2.48649216	2.12720063	1.00E-04	1.35340576
1.5852163	1.00E-04	1.05502069	0.41425518	0.64645474	1.00E-04	1.51364572
3.13329367	3.42829695	4.37398906	3.65058565	3.85666017	3.77566435	4.12772724
1.88453242	2.70071145	3.59878755	3.70663822	3.30671069	2.06732165	2.64555631
1.17630973	1.22609225	1.80857941	1.71355787	1.34669498	2.9467213	3.58293589
2.40874956	4.00608309	3.84074776	3.13364477	2.89008964	3.86768322	3.99883181
1.91009404	1.2546033	2.45201132	2.32064058	2.44780249	2.37159888	1.16048721
1.41689351	1.37265105	1.84196116	1.80893679	2.46502284	1.00E-04	0.316869
3.14517086	3.28347006	4.31883504	4.78487571	4.6690578	0.89799762	1.42724791
3.43904563	3.27608721	2.57701618	3.30396024	2.54239117	3.04589776	3.12909944
3.91754334	1.2795411	1.45227446	1.06742288	1.79534392	1.93607792	3.09649766
3.81718747	2.97591815	3.137089	3.33034025	3.33023606	1.60585103	1.91246056
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31443901	0.74506998	2.52172832	2.25994917	3.03409723	2.39609483	2.88073453
1.16872615	1.00E-04	1.47280969	1.20132224	1.5260175	2.37317979	1.18321458
4.88197302	4.30741612	4.54226797	4.43783453	4.33825151	5.29263269	5.46324305
1.00E-04	1.00E-04	1.00E-04	0.25205247	0.19056315	1.00E-04	1.22245167
1.25359982	0.8358776	2.2855016	1.85610915	1.60884859	3.5824454	4.82412062
2.02985631	1.09568947	2.40454551	2.65897193	2.67350029	2.45455972	2.45845297
4.948568	4.11492849	5.05192582	5.06352875	5.0641787	4.85024923	4.84623275
5.63538224	1.00E-04	2.37839447	1.57825939	2.0236724	3.26779736	4.41250388
0.98356509	1.00E-04	0.16778943	0.15248859	1.00E-04	1.00E-04	1.00E-04
3.81540437	1.00E-04	0.21516862	1.00E-04	0.23120854	2.25896331	1.00E-04
1.95226669	1.08649412	1.48141099	2.11484729	2.27759685	3.13457921	3.58634831
2.57558141	2.17304217	2.78575092	2.38956098	2.89245978	1.00E-04	2.01816617
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36813692	2.26875045	2.60739758	2.58745508	1.56713216	1.72142784	1.73333096
0.43060091	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49115478	1.00E-04	0.07655967	1.00E-04	0.24194431	1.00E-04	1.00E-04
3.19112	0.74506998	1.20393811	0.93936923	0.60130339	2.65808223	3.10608227
4.11995252	3.92660026	4.46634511	4.12697479	4.12460789	3.95434799	4.15498409
1.60486837	1.08649412	2.63712114	1.52142007	2.36814097	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31331184	1.00E-04	1.00E-04
1.23336671	1.00E-04	0.27429645	1.00E-04	0.19146895	3.80736859	3.78028303
0.53480904	3.88030058	4.37054158	3.85520564	3.80134684	1.00E-04	1.00E-04
1.47381261	1.00E-04	0.93811866	1.14397117	1.00140416	1.00E-04	1.00E-04
0.65649379	0.68407235	1.72422575	1.71068226	1.78236463	1.00E-04	0.8894765
0.73875999	0.8339972	1.70870937	0.73397192	0.47037917	1.00E-04	1.0522589

2.15397638	1.00E-04	1.15271919	0.72897588	0.38825045	1.28472282	1.00E-04
0.39795259	1.00E-04	0.99093648	0.75650848	1.00E-04	4.05062942	2.48455347
0.79197715	1.00E-04	0.87549086	0.69761296	0.41508208	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25553905	1.00E-04	0.1304964	0.0822006	1.00E-04	1.03499642	1.00E-04
1.00E-04	1.77524663	0.63229674	0.23474748	0.23312156	1.00E-04	1.00E-04
0.19207974	1.00E-04	0.62049116	0.44198683	0.39181132	1.00E-04	0.7179807
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.58105315	0.7902481	2.30499776	1.05623989	1.37532553	4.00295856	3.60522653
1.00E-04	1.00E-04	0.29106737	0.23641883	0.25201369	2.18612825	1.32157107
1.00E-04	1.00E-04	0.14086284	0.06796023	0.55911255	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11641406	0.19724785	0.27962928	1.00E-04	1.00E-04
1.06364675	1.00E-04	0.86655032	0.6279591	0.36506646	0.86319656	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80459093	1.00E-04	0.64346777	0.45815053	1.00E-04	1.00E-04	1.00E-04
2.38591485	1.12769243	2.51942456	2.92857392	3.25206247	1.00E-04	1.70262426
0.40681453	0.68407235	0.65021396	1.12176732	1.16250913	1.00E-04	1.00E-04
3.1842778	2.26139073	3.42540854	3.00112533	2.99344118	2.42366054	3.04240943
2.20837902	1.2795411	2.58430218	2.83882545	3.65066049	0.77057821	2.41189333
4.6410824	2.89185163	4.94672204	4.34006322	4.22282709	4.71704114	5.34806741
3.39856828	1.85830215	2.38383825	2.22697893	2.59069487	1.00E-04	2.38448684
0.90508122	2.91386622	2.05802704	1.59568403	3.50928073	1.00E-04	1.89963181
1.84816292	1.00E-04	1.69991471	1.05948706	1.61540267	0.93702359	0.72495184
1.93288572	1.00E-04	0.50469288	0.76813571	0.39992922	1.44286217	1.98113244
2.15777106	1.08649412	1.58319892	2.07206336	1.57882975	1.52979357	1.29505143
3.08377952	1.25074513	1.84387676	2.36018376	1.27424059	2.31282141	2.34743542
2.23046365	1.00E-04	2.2749849	2.06417839	2.14594807	1.12755498	2.78856434
1.58167065	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8427791	1.18676999	1.93821747	1.21316748	2.78505567	1.56695449	1.81133319
1.63305911	4.42032865	5.40677254	4.56724347	4.60302664	1.33183829	1.18453576
1.76609113	1.71745399	2.37884332	1.54711465	1.65911279	3.91599409	3.60822811
0.06718044	1.00E-04	0.13377378	0.25368285	0.42573547	1.00E-04	1.00E-04
0.3441476	0.87612072	0.7876588	1.12280918	0.79549107	1.00E-04	1.00E-04
1.00E-04	1.18053057	2.33421506	1.74215337	2.07068932	1.00E-04	1.00E-04
4.1652403	1.60800337	3.52407875	3.34370363	3.51985989	4.84123313	4.68202282
0.33066623	1.00E-04	0.1619094	1.00E-04	0.10423273	1.00E-04	1.00E-04
3.14188106	4.55430562	4.81963551	4.0985054	4.4044654	5.54341246	5.49129049
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.80146846	1.35460731	1.45884263	1.00E-04	1.00E-04
4.99559586	4.18764761	4.91879997	4.43335199	4.44809943	5.05066001	5.40896733
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.13333283	1.00E-04	1.00E-04
4.82465459	4.25269358	4.70080338	4.44311335	4.30770584	5.47518755	4.83937446

1.45082822	5.20529042	6.19209426	5.54726336	5.47368292	1.69188837	1.89626643
1.00E-04	1.84377745	3.18714496	2.80071074	3.64394643	1.00E-04	1.00E-04
2.23669396	2.91340847	3.24196429	2.60293314	2.77579719	1.60624287	0.41275046
0.77531351	3.89550672	4.46690909	4.23304495	3.95133375	1.00E-04	1.07127105
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49598666	1.23005604	2.09379422	1.60670601	2.17752961	1.00E-04	1.01208735
3.60129035	0.74506998	1.00E-04	0.40821563	0.11746998	1.59797852	2.58530915
0.06336707	1.00E-04	0.18193026	1.00E-04	0.15392957	1.00E-04	1.00E-04
0.1136802	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.64524081	0.72877389	2.82577781	3.25248382	3.14673846	1.83886054	2.13478644
2.57183934	1.00E-04	3.18238992	2.70513433	3.29529427	2.56442266	2.30042726
0.3784509	1.00E-04	0.30082516	1.50434018	0.54823297	1.00E-04	1.00E-04
5.29101958	4.09374099	4.46433814	4.66420886	4.7717809	6.10616408	6.53692023
1.90851239	5.65816863	6.53857956	6.2826035	6.23418002	1.05970842	3.06961853
1.00E-04	1.00E-04	1.30807072	0.52787199	0.72889288	1.00E-04	1.00E-04
3.70918423	3.07115513	4.24624139	3.67048548	3.83865193	2.97067363	3.26048102
1.00E-04	1.00E-04	0.42390116	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1550786	1.14583798	2.21417185	2.29723051	2.12449736	1.00E-04	0.41275046
0.4935787	2.21723382	3.24595044	3.08711077	2.91811457	1.00E-04	2.84155811
1.51683306	1.00E-04	0.46972166	1.69720924	1.41365304	0.88297287	1.32157107
0.09976055	1.00E-04	0.15441653	0.1986865	1.00E-04	1.00E-04	2.62020012
0.26429471	1.00E-04	1.00E-04	0.08321284	0.13820197	1.00E-04	1.00E-04
4.58019123	1.2795411	0.78706638	1.27809445	0.90146241	3.60410499	3.46036592
0.22395133	1.00E-04	0.15581189	0.23655735	0.5756833	1.00E-04	1.58608049
1.00E-04	1.00E-04	1.03218291	0.21251861	1.00E-04	1.03499642	1.00E-04
1.78728659	2.59140523	2.85469948	2.09849713	2.09180055	1.86826126	0.82486735
2.5550826	2.59657447	3.6584777	3.21989643	3.08903197	1.28592807	0.87970072
0.60008351	1.00E-04	0.33893923	0.16429007	1.00E-04	0.71661629	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.55132453	3.45718944	2.87565314	3.05245291	1.39046758	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.2086556	1.00E-04	1.00E-04	1.00E-04
3.7988371	3.18546001	3.84944821	4.7393855	4.56139338	2.5876931	2.69857382
1.00E-04	1.00E-04	0.08961241	1.62073291	0.32499005	1.00E-04	1.00E-04
1.8429839	5.70841077	5.64379524	5.8194252	5.45154478	1.81794042	2.02931143
0.64792987	1.00E-04	0.27605046	0.67379649	0.6312528	1.00E-04	0.97522957
3.07274694	1.78121098	3.17895289	4.4683799	4.25347935	2.71348723	2.63864904
0.31943806	1.00E-04	0.91890131	0.07375842	0.14744713	1.62263339	1.31520537
0.43963229	1.00E-04	1.38062237	1.88446875	2.35348911	1.00E-04	1.00E-04
3.39558641	1.93400028	3.50939162	3.88298599	3.75298784	2.72656815	3.57280797
4.51822978	4.59008626	4.96297052	4.62013601	4.73328496	4.46805119	4.57606133
0.46691189	1.00E-04	0.76779461	1.98263886	2.23612741	1.00E-04	1.00E-04

5.72276843	4.4916508	5.24198348	4.86828597	5.11614509	5.67919125	5.72764729
0.77493836	1.00E-04	1.02606958	0.87761263	0.65929215	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21075005	1.00E-04	1.10529345	1.81804463	1.02264948	1.32179636	0.46517855
4.91917807	3.96317841	4.61575222	4.33652276	4.38359916	5.21313012	5.25741757
3.07708855	2.41360274	3.22676123	2.92744539	2.67511627	3.21378009	3.65621073
1.99092238	1.00E-04	1.24344668	2.01232424	2.31546634	0.81261445	1.77170212
0.79879057	1.00E-04	0.4034977	0.27554833	0.23378269	1.00E-04	1.00E-04
2.2916518	1.00E-04	0.7576855	1.43197165	0.17713548	2.01724716	1.07127105
5.91925494	7.58140457	6.72312887	6.79841249	7.44567124	7.12478732	6.75140328
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.15761389	2.47180549	3.61342605	3.143871	3.35809189	3.91179835	3.78209133
2.60561076	1.53661928	2.81701441	3.42461735	3.26010449	1.88841431	2.7602567
3.42553106	3.21664603	2.54483809	2.7489541	2.48548965	3.28219302	2.90221233
3.72892478	0.8358776	1.49992122	1.85136083	2.27813653	2.96628992	3.31790018
0.57792355	2.74650982	1.87065174	2.18173014	2.64336101	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29262495	1.00E-04	0.12595457	0.08961591	1.00E-04	0.84497321	0.68773152
1.00E-04	1.00E-04	1.19154839	0.3063887	0.42557049	1.00E-04	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.29789311	2.74453943	3.02779344	3.03520677	2.79658945	1.00E-04	1.85878497
2.08144279	1.00E-04	1.94520606	1.73572995	0.82473809	1.24245757	1.34335693
0.21280737	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.4392469	3.83822147	3.44900026	4.13658287	3.90139098	2.12373644	2.73298626
2.71494979	1.10823044	2.19715749	1.59233463	2.33046656	3.63439601	3.48563564
4.0251952	4.26848576	4.73960094	4.81307023	4.83087449	3.78444221	4.18214327
2.452243	0.74506998	1.36073446	1.91868958	0.7636076	1.00E-04	1.00E-04
1.40840973	1.00E-04	1.77036602	1.12741126	1.52249655	1.00E-04	0.316869
2.28626159	1.00E-04	0.62044995	1.00E-04	1.00E-04	1.25061534	1.00E-04
4.79073101	4.49075609	4.40651944	3.99268119	4.04431166	4.5929772	4.89281645
2.07209816	1.00E-04	1.94888974	1.19054166	1.14897466	2.82570287	2.62086048
1.38703635	3.46899077	3.43920368	2.6139783	2.54411646	1.00E-04	1.00E-04
0.23374008	0.87456952	0.75939187	0.43513135	0.37803169	1.91556531	2.35445486
1.10109729	1.00E-04	0.30255893	1.00E-04	1.00E-04	2.09974216	1.24011905
2.29584173	4.46657364	5.23105545	4.57761986	4.72040361	4.2193233	4.40272671
5.18102028	4.48835395	5.47190446	4.82059889	4.85087428	6.16653874	6.2255375
3.10177779	1.00E-04	1.02173402	0.18671374	0.42066902	1.03647332	1.78908713
7.14485604	2.653096	2.56553715	1.57488581	2.80430623	6.79977355	6.24286248
5.42289476	4.67191825	5.15181491	4.91229179	5.0136317	5.0011097	5.54291592
3.72790604	3.82946954	4.3167205	3.62664135	3.88123717	3.82661113	3.62092031
3.82402393	3.18593283	3.66707799	3.0968461	3.33798707	4.2003379	4.07174831
3.8286899	1.00E-04	1.83380043	1.83326717	2.16270704	1.00E-04	1.00E-04

5.38497124	3.74869894	4.34211314	3.98936704	4.30723293	4.94670876	4.81831277
3.76568427	1.00E-04	2.69593144	2.59294226	2.79712038	3.26136475	2.82162826
2.11535989	5.76648625	6.33644479	5.73630031	5.72635454	1.71290679	3.7635593
2.17404167	1.00E-04	0.28101285	1.86672977	0.49592407	2.96014303	2.45311957
1.11399049	1.71641203	3.28670957	2.83646587	3.22431189	2.44039028	2.19347534
1.00E-04	1.00E-04	0.28956482	0.94982451	0.56600228	1.00E-04	1.00E-04
3.77300078	3.49144074	4.07161362	3.96763736	4.08804359	1.8692073	1.6722167
2.85811861	1.84426968	3.2894657	3.37039083	3.05122387	2.05050109	1.8194697
1.98000521	0.69779233	2.62916968	2.39630374	2.65884917	1.30103634	1.07387115
2.42485121	2.93540491	0.8408947	0.71230484	0.82365009	0.92751185	0.46517855
4.91379752	4.47165383	4.46759274	4.22019875	4.43141275	4.99300301	4.91733079
1.89029032	1.00E-04	1.68283835	0.92123513	1.84726612	2.77023961	2.40887018
3.78179801	1.93112152	3.834731	4.23281871	3.99525598	3.48399465	3.99538815
4.2699392	1.25402837	3.40206883	3.23591431	2.99044765	4.12847364	4.47897777
3.00384265	1.7400616	3.37148687	3.28473538	2.78920159	3.5086962	2.8202952
1.45484265	1.95254208	2.372741	2.18974478	2.1879104	1.00E-04	0.48671447
0.30218343	1.00E-04	0.10334576	0.70589659	0.36364116	1.00E-04	0.40038755
3.40656396	2.21005329	3.05112997	2.65273146	2.64756682	3.65790979	3.61300933
3.97248337	3.32334097	4.10358817	3.71381441	3.91651229	4.95764264	4.83342629
3.1118862	3.13620072	4.17984395	3.70999909	3.90276443	4.29886319	4.18456769
2.42289701	1.00E-04	2.27979766	2.36082134	2.4408923	1.57167234	1.75005786
3.02989361	1.00E-04	2.27752958	3.03013051	2.89386024	1.56086749	2.30189557
4.51389049	4.44240933	5.06164794	5.29795697	5.09629906	4.08357597	4.44151475
3.65448396	4.8289494	4.32946921	3.92884264	4.1878202	5.11070701	4.91179746
3.45454882	3.37717654	3.21557962	3.02830258	3.04985143	3.68701118	3.62212182
4.77194516	4.62968843	5.40054047	5.0100679	5.12874937	5.25413124	5.40198947
2.20973611	3.09787501	4.76513587	5.14264039	5.75199531	1.00E-04	1.18035161
1.24725862	4.54110955	5.78885487	6.06208277	5.85791045	1.95011879	1.51443555
1.52549694	1.97333742	3.79774287	2.84064562	2.46046021	0.68203783	1.66421938
1.00E-04	1.00E-04	1.27093865	1.27338723	1.17720885	1.00E-04	1.00E-04
4.01944944	3.47073637	3.99602564	3.8475689	4.13104163	5.38746569	4.8855352
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.94307325	4.54701848	3.70396882	4.11631027	4.26641967	1.70373173	1.5757172
1.00E-04	1.00E-04	0.11466092	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.44407969	3.88203955	4.38499737	4.05665229	4.25259875	4.70805565	4.94337176
2.16796425	1.3449137	2.17305395	2.29145352	2.01644158	1.60939507	1.70821608
3.52889632	4.13329827	3.88787802	3.57402106	3.97170597	4.10601763	3.82631374
5.0016032	3.40735207	4.29426117	3.81039008	4.29518022	4.93023923	5.17620658
3.52072807	2.92795003	3.64449993	2.91329746	3.15565773	3.9664101	3.9138384
4.69297072	5.12981587	5.82666464	5.48941119	5.38648856	5.81587525	5.82158035
5.18798484	5.7263571	5.75670269	5.66314301	5.6377046	6.30646433	5.95326949
2.0993409	2.48440922	2.98404972	3.18866853	2.79086212	0.94543129	0.81996147

4.88069941	4.85020007	5.38719559	5.2603462	5.32374449	6.35785775	6.27312521
0.55421575	0.72877389	0.42082112	1.00E-04	0.14461624	1.2960196	0.72495184
3.66937819	3.15270528	4.20907044	4.79122855	4.20500149	3.42725596	3.17199503
3.38041668	3.34867258	2.92456407	3.27216555	3.1622056	3.31555248	2.60590937
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.63251814	2.27445359	2.94924928	1.00E-04	1.00E-04
1.40107508	1.00E-04	0.12994377	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.4079412	3.67626425	2.91709446	2.88898909	2.74575432	3.26867733	3.44983286
4.31356301	2.7283552	4.16130168	5.28830469	5.0217063	2.18018948	2.84581746
0.82676937	1.00E-04	0.17127326	1.00E-04	0.63495521	1.00E-04	1.00E-04
2.8698979	2.0185367	2.78061662	2.86583412	3.41997163	2.8920092	2.73096348
1.04036283	1.56373048	2.54291052	2.56471554	3.05311191	1.54933613	1.56912288
1.52893553	0.71640521	0.95272886	1.81044184	1.27677707	1.4283561	1.35325
2.67096247	3.51121997	4.41708063	4.10286854	4.3583886	2.34047045	2.30558231
5.35429297	2.9914105	3.45279497	3.56493247	3.52340731	3.44971862	3.97283988
4.23675469	1.95804545	3.84978496	4.48368567	4.17249592	2.73004796	3.9549165
2.90862438	1.97217137	1.92024841	2.67194134	2.67611948	1.91029323	1.94146085
4.20856313	1.00E-04	2.58057755	3.19872635	3.64084086	3.21293478	3.42612519
1.26821564	1.00E-04	0.26361034	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8345829	1.00E-04	0.11726188	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24289417	1.00E-04	0.86052815	0.08952278	1.00E-04	1.00E-04	1.00E-04
1.60186046	1.00E-04	0.23024576	0.35660157	1.06910268	1.46807032	1.00E-04
1.00E-04	1.00E-04	1.85910497	1.1037281	0.82297664	1.00E-04	1.00E-04
0.16437031	2.61577731	2.91185843	2.91091572	4.13564889	1.00E-04	1.00E-04
3.64278443	3.36377278	3.63380359	3.25839419	3.54027146	2.70631947	3.21827366
3.70082072	3.86798454	4.49853613	4.18526359	4.43784762	3.52429969	2.11531201
0.34743766	1.00E-04	1.23487541	0.897779	1.4901186	1.00E-04	1.24145063
1.11193694	0.8339972	0.30863135	0.32035089	0.63318335	1.00E-04	1.51104498
2.47505774	1.3386578	2.3270244	2.82764587	2.68007418	1.97421274	3.03492464
1.56269059	4.74210689	5.27342187	5.01860543	5.14990029	1.00E-04	1.00E-04
1.12618758	5.10717636	5.6028241	5.052061	5.21076853	1.00662024	2.28755691
2.61704403	5.45587697	5.98885622	5.62219196	5.62083299	2.01382747	2.0965479
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.53667303	0.92068596	2.40023864	2.50488027	2.26058097	3.39076032	3.4006266
4.85553702	3.29597941	3.92554287	3.63388528	4.06406467	4.91987231	4.85514387
4.03977536	3.45357145	3.3024795	2.92935139	3.53682986	3.80583998	4.17409398
1.40323773	1.00E-04	0.69813578	0.42061686	0.60228222	1.00E-04	1.8680295
6.70721347	5.57137695	6.33157627	5.95520421	5.94592683	7.00434535	7.15464973
1.57260117	3.67839438	4.5374411	5.15956478	5.31602143	1.00E-04	0.48671447
3.65488047	2.67919345	3.14490439	2.98485194	2.97980181	3.46040179	3.78599101
5.67084273	1.76108778	3.28061246	2.36594333	2.38825678	1.00E-04	1.52392859
0.60983591	0.71640521	2.21128825	1.80702867	1.48407941	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.96050891	1.00E-04	0.62506919	1.19124569	0.43140298	3.84947937	3.16704299
2.2932949	3.92742811	4.9579366	3.83103253	4.03830956	2.67807135	2.38301366
4.20874502	1.73639463	3.60014465	2.9164346	3.14264821	4.26027726	4.46534159
3.74291487	2.46808171	2.99808674	2.87191579	2.68971822	3.1583723	4.08096559
4.32416609	3.25736943	4.48840451	4.4717028	4.2770459	3.95235113	4.54845832
5.66878964	6.0012074	6.63377046	6.38990776	6.29719661	5.59691866	5.69266432
3.15003667	3.28254903	3.00360442	3.29382806	3.22116321	1.23019281	2.23901096
4.05304747	2.76347215	4.04637284	4.05048126	4.04836502	3.96979231	3.66716771
4.29152139	3.14640417	3.35321676	4.10006846	3.98665186	2.95197627	3.75860193
4.83440986	4.24368884	4.72954867	4.45577842	4.19461663	5.32407887	5.07229934
1.39598573	1.00E-04	0.59357396	0.24088565	0.87811216	1.75892262	1.87603682
4.42657574	3.16033511	4.1438418	4.40798331	4.4115942	2.97371642	3.41117346
4.14229448	3.89086103	4.91245154	5.47904774	5.25092374	2.42175745	3.21564831
0.64527296	2.8200552	4.5282751	4.13675744	3.99653885	1.00E-04	0.81245127
1.00E-04	1.69126771	2.2740439	1.61583877	0.95379614	1.00E-04	1.00E-04
0.32909352	1.00E-04	1.00E-04	1.00E-04	1.82769711	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11897115	1.00E-04	0.29700171	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.23635789	1.02632194	1.27629401	1.00E-04	1.00E-04
3.37710146	1.75150554	3.37764896	4.54319227	4.70441583	2.03596999	2.61858488
1.00E-04	1.49425949	2.35914785	2.3569796	2.4707547	0.89799762	1.00E-04
2.9492486	1.17896398	2.73814929	2.97018717	2.86609429	2.40060092	2.63911548
1.73170207	1.00E-04	2.11104129	2.08206406	2.75842799	2.05886812	1.68548847
3.99623195	3.0488784	3.58427677	3.43303556	3.19073708	3.63084061	3.97603341
6.01676643	4.41673837	4.52314567	4.17469464	4.45192571	7.22797803	6.99680528
1.89365573	1.1166062	2.2721873	2.64047735	2.07161468	0.96274275	2.30890704
1.76362591	1.3106013	1.7695809	2.29384627	1.72933727	1.00E-04	1.00E-04
2.61619788	1.73344106	3.205104	3.68567359	3.81172469	2.19359883	2.59726029
1.23205968	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.62472147	6.28572576	6.77689365	6.17810759	6.17613055	4.05234918	4.80908751
3.15563936	1.74865393	1.99573477	2.2030026	2.75599503	3.04369596	2.48730974
3.40699947	1.1166062	2.47058119	2.4926409	2.71486052	3.27552661	3.56794062
3.44672942	5.66665387	6.64260996	7.15600777	7.1013023	2.28614941	3.04605787
1.00E-04	1.00E-04	0.90508629	0.21797076	0.43496368	1.00E-04	1.00E-04
0.3121356	0.8339972	1.5644828	1.58061417	1.62318235	1.00E-04	1.00E-04
0.15771706	1.00E-04	1.00E-04	0.37490806	1.00E-04	1.00E-04	1.00E-04
0.18060823	1.69521795	1.94402433	1.67142017	1.68170132	1.00E-04	1.00E-04
1.82975711	1.00E-04	0.62867453	0.63356839	1.15517956	0.94908439	1.46830734
5.55607018	5.22101346	5.71989983	6.55978941	6.39987407	3.91691774	4.78461057
2.28242826	5.72883226	6.26187095	6.73295182	6.32751143	1.13698109	2.54517404
2.75436091	2.15109053	3.95360846	3.99199915	3.98724235	2.34902116	2.45529399
2.38311502	3.79361556	4.94688422	5.02058297	5.11555897	2.18734595	2.49925239
0.32348982	1.17452218	1.69932251	1.14566451	1.5118839	1.31443423	1.00E-04

2.8805768	1.00E-04	2.68771762	1.96374899	2.5349317	2.31141318	1.79707714
2.58271324	0.76524107	2.89113092	2.18673931	1.91140354	2.65700442	1.85691368
2.30472071	1.59852418	2.85093637	3.00107968	2.53104739	2.53682514	2.05765467
1.64982774	1.00E-04	1.96878353	1.05396566	1.11397342	2.52885701	2.76123959
3.81712065	1.71904286	4.07331537	4.4661545	4.37456176	3.25193492	3.2162393
4.9693671	2.10244288	4.44009328	5.08149379	5.01501614	3.06025039	3.36991465
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52446841	1.00E-04	0.70317594	0.72319429	0.52369793	1.00E-04	1.00E-04
2.13192935	0.92068596	1.76830448	1.74369717	1.49574256	2.35614225	1.95517251
2.69188571	0.74506998	2.19972825	2.00565392	1.69595101	1.89669857	2.11567411
2.64042515	1.5592943	2.29114151	2.20132784	2.36000627	1.70800817	2.44926753
4.08978762	3.57018069	3.87713502	3.74274255	3.69654621	4.10907159	4.00778727
3.66223759	0.7902481	3.08242017	3.14499901	3.26583308	3.0310407	3.12416525
2.86116088	0.8358776	2.29854978	3.08652141	2.54290646	1.57399163	2.92319199
2.15311617	0.72877389	2.10214025	2.1992373	2.58792988	1.45698801	2.11825458
3.64230482	1.37956598	2.91640508	3.4106743	2.74667853	3.10487976	3.22814384
3.76993924	1.59341277	3.07172479	2.75162349	3.06453991	3.71769516	3.8230072
3.65771602	1.63872343	3.26607911	2.70475458	3.06005215	3.55421925	3.74398005
3.00645419	0.69779233	2.71919837	2.61826457	2.58510644	3.6119158	3.39523468
2.50877118	3.62271065	2.76074742	2.13750394	2.18425707	2.40553986	2.39264609
1.00E-04	1.00E-04	1.00E-04	0.18334596	0.3973058	1.00E-04	1.00E-04
0.88899256	1.00E-04	0.07655967	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35190948	1.3449137	2.45449618	2.18486126	2.01092624	3.51087521	2.67148914
2.44180817	0.8339972	2.51968598	1.99287971	2.50281875	0.89799762	1.37881795
2.95222294	1.6488458	2.13020814	2.6284649	2.86374222	2.85745163	3.00419605
2.48421775	1.00E-04	1.49457029	1.68323287	2.41412157	1.81564456	1.5555313
3.61931976	3.67972008	3.81993722	3.95304536	3.98894262	4.06011665	4.27169034
1.78962749	0.87456952	1.4356596	1.57003744	1.1647353	1.00E-04	2.60052472
4.41564981	2.32409897	4.06885806	4.5596916	4.55562499	2.20806802	3.00841838
2.71240307	1.81934543	2.47835562	1.8362623	2.00427782	3.96435852	3.37576462
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.83272239	4.57417024	5.34947334	4.7477832	4.66990906	4.69496245	4.65779426
2.62313714	0.71640521	1.20326092	1.19259491	1.20491988	0.68203783	1.48584356
1.00E-04	0.8339972	1.4942674	1.80049223	2.81871092	1.00E-04	1.00E-04
0.14735492	1.22609225	1.88391541	3.31664147	3.42355409	1.00E-04	1.00E-04
0.15771706	1.00E-04	0.09020196	0.08321284	0.20654091	1.00E-04	1.00E-04
3.17506429	1.65420127	3.25525529	3.6097354	3.80099462	2.56980597	1.48292958
4.29990699	2.64148291	4.14055097	5.09716433	4.95556081	2.74678119	3.39056213
0.2070908	1.00E-04	0.2417372	1.00E-04	1.00E-04	1.00E-04	1.20679676
4.39305993	2.4569366	4.39072231	3.59278672	4.18510473	4.779616	4.93683874
0.86622403	1.00E-04	0.97623075	1.00E-04	0.09704178	1.00E-04	1.14079762
2.15446432	2.34620348	3.55026634	3.09294893	3.20175161	3.12809975	1.97050081
1.38778649	1.00E-04	0.59765584	0.21814658	0.48678283	1.24135441	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.19254825	2.90789941	3.85304447	2.95684902	3.09887828	3.3724492	3.03735659
1.00E-04	1.28620973	1.57027131	0.49768083	0.63727114	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20940305	1.00E-04	0.11946472	1.00E-04	1.00E-04
1.00E-04	1.28472534	0.59490728	1.00E-04	1.00E-04	1.00E-04	1.25131486
0.08716682	1.00E-04	0.29638877	0.18319407	1.00E-04	1.39699775	1.22180816
3.17727212	1.19880434	2.49539212	2.73484282	2.50210203	1.54164008	2.23202967
1.51718499	1.00E-04	2.34678223	2.28060187	2.17189841	1.00E-04	1.20679676
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11605641	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.94593123	3.40994351	4.82956777	4.34613708	4.50065732	4.98775622	5.3547752
4.00528634	3.73235745	4.01468238	4.01725523	3.86109841	3.88343241	3.44479668
0.63724065	1.00E-04	0.46584361	0.7000358	0.47010278	1.00E-04	1.00E-04
2.30951074	3.46074579	2.51833568	2.11726441	2.83557481	2.36436922	1.95286533
1.36661575	1.00E-04	0.30412386	0.26919482	1.00E-04	0.95637875	2.08059299
0.19193399	1.00E-04	0.16789934	0.23461025	0.09511513	1.00E-04	1.00E-04
0.53326041	2.78409146	0.30361086	1.25023243	0.40886535	1.00662024	0.71683554
4.34349212	3.1627809	4.25002011	4.01780806	3.83740508	3.97825309	3.97875349
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.7519737	1.00E-04	1.52380803	0.42458606	0.89583709	1.8190565	1.34083346
1.00E-04	1.00E-04	0.58415383	1.11278388	0.39342618	1.00E-04	1.00E-04
2.09454003	2.25585046	2.49772389	2.34323789	2.46984863	1.51042251	1.30120253
1.04740504	0.87612072	0.75599109	0.78685905	1.27947491	1.00E-04	1.00E-04
4.20914756	2.83010654	3.6583307	3.05910561	3.40815001	4.68003488	4.6055052
2.87646855	3.38579032	2.92224083	2.50701442	2.55031588	2.39694144	3.55982023
2.48973752	1.44608847	2.48004021	3.29724126	2.10432744	1.66827906	1.28900613
4.05835114	2.04326347	2.86442297	2.64527552	2.56850869	2.58545379	3.35472191
1.51900406	2.22723863	2.80270625	3.19005505	2.81208173	1.00E-04	1.00E-04
2.47385475	1.00E-04	3.15359428	3.21102852	3.3233484	1.00E-04	1.7147448
1.00E-04	1.00E-04	0.17352892	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06198853	1.84163884	1.855506	1.82671928	2.09157847	2.49329684	1.59769662
1.61352882	1.96750831	2.57428717	1.69387318	2.02337505	1.00E-04	1.84461731
0.44086013	1.00E-04	1.00E-04	1.00E-04	0.2436624	1.00E-04	1.00E-04
2.6461999	1.89751966	2.54309867	2.46645729	2.91154625	2.90562023	3.32371207
1.00E-04	1.00E-04	0.27438863	0.25906911	0.15392957	0.86319656	1.00E-04
2.21581854	1.00E-04	1.91233897	1.76009028	1.5724793	1.67919447	1.18045085
1.83410281	1.00E-04	1.13383938	0.14376298	1.1788032	3.37308197	3.62203146
4.05785449	0.74506998	2.39496917	3.10708804	3.31420118	3.83967039	3.70966498
4.2417133	2.50399686	3.5992205	3.39341375	3.70382138	4.53800717	4.38818578
4.20312742	2.45337874	3.33023757	2.91763376	3.25464778	3.52652151	4.45831296
3.78879366	2.04412577	3.67661931	4.73787858	4.27382837	2.5202008	2.92334103
3.78068663	1.53917348	3.34206977	3.72610645	3.80949596	2.30733666	3.03665129
2.64684698	1.28472534	2.60955786	3.45751844	3.71100136	1.00E-04	0.89038937

4.50727963	3.31496867	3.89483482	4.55012424	4.44718569	3.54869749	3.1527947
2.79734816	1.21769093	2.46358111	2.73920477	2.55566044	1.48966481	2.04646863
3.77669019	3.32008849	3.0875401	3.15565541	2.93420559	4.31699313	3.83086946
3.76661812	2.7030011	4.11168327	3.8956572	4.03976064	4.37064849	4.30454997
3.6467923	1.10823044	3.03201302	3.01854333	3.07608863	3.60760762	3.60103168
2.22929851	3.51993317	2.17456489	1.62049904	1.86560969	2.70240217	2.27299668
3.89818718	1.82279412	3.02311706	2.57465983	3.18245863	3.57071922	3.92600609
0.91854246	1.00E-04	0.25564038	0.09290426	1.10319991	1.00E-04	1.5595514
3.72443399	1.1971089	2.603712	1.96421665	2.16368262	2.19746061	2.65039076
0.97206956	1.00E-04	0.20569795	0.10924105	0.41271852	1.00E-04	1.00E-04
4.20464912	0.87456952	0.84173186	0.81380503	0.40996809	1.66500773	1.11706721
2.54748114	3.40715866	2.17058466	1.35245125	1.60216299	1.00E-04	2.5476653
1.00E-04	1.00E-04	1.00E-04	0.0824918	0.11711669	1.00E-04	1.00E-04
0.90656973	1.00E-04	1.00E-04	0.07488174	1.00E-04	1.00E-04	1.46662644
0.17050085	1.00E-04	0.48200798	0.32682578	1.00E-04	1.00E-04	1.00E-04
0.47183989	1.00E-04	0.38344713	0.08952278	1.83761553	1.00E-04	1.00E-04
0.24276071	1.00E-04	0.48715999	0.15630471	1.00E-04	1.24245757	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.30483945	1.00E-04	1.00E-04	1.00E-04
1.56204834	1.00E-04	0.13771507	0.11567939	0.16358717	1.00E-04	1.07063054
3.21537116	1.00E-04	1.53587861	2.0141763	1.64561695	0.84497321	1.51619488
5.15976746	6.87942654	7.43166772	6.68138439	6.67564423	5.4567656	5.88418169
3.7045818	1.00E-04	2.38466633	2.15925052	3.02895535	3.80292083	4.25410603
1.64716219	1.00E-04	1.97518256	2.27727525	1.1516848	1.5396238	2.5166585
3.01676337	4.32489945	4.99138626	4.53707908	4.49153654	1.51042251	2.12345688
0.33765242	1.52450337	2.88697301	2.70482316	3.01948982	1.00E-04	0.316869
1.00E-04	5.70381302	6.15865702	5.44186018	5.35778577	1.30530732	1.59197746
4.22351133	3.34266693	4.71880349	4.10316363	4.2175953	4.67158655	4.95656574
4.36630167	3.23745596	3.11509655	2.94310913	3.57183913	4.70962773	4.41359149
5.00506985	3.89386647	4.37300992	4.09849045	3.82377151	5.23103313	5.45530634
1.05269129	2.49518312	2.46062599	2.0755525	2.1938226	1.00E-04	1.00E-04
0.66162027	1.00E-04	0.6822637	0.25253064	0.26016763	0.79838122	1.36514787
3.72973282	3.78360731	3.81349902	3.59198211	3.4113145	3.96269456	3.69812372
2.36108163	5.08864082	5.89790889	5.2571243	5.29582433	1.00E-04	1.67103867
3.345477	2.33104686	3.91236119	3.57763029	3.63505851	3.23472555	3.2667339
3.10412868	3.0885541	2.56713192	2.99318217	1.92691292	2.79080212	2.36908804
1.00E-04	1.00E-04	0.15239613	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.34571817	4.17739785	4.78406647	4.36055933	4.27865403	4.84710682	4.50099594
6.23625535	5.29669259	5.69539692	5.08694832	5.27700458	6.84271973	6.66925726
6.20879703	5.23958323	5.93799786	5.66122799	5.60113779	6.49818472	6.60898837
4.44905701	2.38306436	3.23814062	3.14992997	3.42332814	3.49742386	3.93967018
0.66034712	1.00E-04	0.88681183	1.37340248	1.00E-04	1.00952146	1.00E-04
4.00715216	2.92719812	4.05028812	3.49852251	3.57583586	4.59564048	4.44455877
3.54794361	1.75014481	2.6649012	2.45671309	3.05610344	3.59901499	4.02340392

2.17290428	0.68407235	2.26469135	2.43506664	2.66696079	2.67538111	3.10742725
5.6372725	4.92405275	5.55103017	5.02197122	5.14540011	5.82420151	6.01995512
1.2743531	1.55759878	2.18159892	1.42662115	1.64345359	1.00E-04	1.00E-04
0.96500345	1.00E-04	1.50898069	1.81380283	2.24429442	1.00E-04	1.00E-04
1.38825758	0.7902481	0.95831748	0.78161586	2.13778577	1.00E-04	1.00E-04
0.57553766	3.05352135	1.79383333	1.1969238	1.23017671	1.48634524	1.00E-04
4.12835722	4.264553	5.15375472	4.81441462	4.74634524	3.57362357	4.03968914
4.32068334	2.09062461	3.51378028	3.14670818	3.2305952	4.55520494	4.61989
5.18440324	4.07433546	5.01208982	4.62951133	4.62230821	5.66900997	5.46052184
0.42523492	0.68407235	1.022869	1.22300884	1.22615551	1.00E-04	1.00E-04
0.24473563	0.92068596	2.01757216	2.55030262	1.85719034	1.00E-04	1.00E-04
0.44770202	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24067853	1.69924198	4.24783195	4.46314242	4.66185159	1.31151447	0.56264051
5.46618284	2.72646486	1.81219755	1.69145968	2.23141401	3.06547502	2.88191351
0.52782838	1.00E-04	0.19945126	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20281155	1.00E-04	1.00E-04
1.66062692	0.68407235	1.37691107	0.64383733	0.95227992	1.00E-04	0.82486735
1.31069582	1.00E-04	1.00E-04	0.43976677	1.00E-04	1.00E-04	1.00E-04
1.71400924	2.22328479	2.93998872	3.80829655	3.01924536	1.72527929	1.58248773
3.43385616	0.79637057	2.74658507	3.0355815	2.67660159	2.42311051	2.87053702
2.83946507	1.50546492	2.79137789	3.17757107	2.20222115	2.37414672	3.05476708
0.83643124	1.00E-04	1.00E-04	1.00E-04	0.11711669	1.00E-04	1.00E-04
3.38207964	4.57886089	4.93403278	4.43580789	4.26899219	2.77118212	2.64767573
6.94412875	4.96792546	4.79795762	4.66506505	5.02023694	7.69354009	7.85598646
0.0903597	2.5356025	4.11016702	3.11667666	3.24935174	1.00E-04	1.00E-04
3.44997717	2.43209107	2.97519411	2.78478437	2.91017379	4.09055587	3.92944624
2.84563887	0.79637057	1.84945182	1.99107662	1.95309352	2.24873657	2.35323907
1.73293562	0.69779233	1.88016365	1.70641847	1.32127626	2.28948733	1.71349099
2.65421885	1.25845589	2.29333491	2.31943107	1.64233341	2.33622294	2.24553932
0.75205685	1.00E-04	0.34432368	1.00E-04	0.09759627	1.00E-04	1.00E-04
2.4103992	2.63552806	4.02417275	3.85081698	3.96888922	1.77226802	2.92181164
0.51016871	1.00E-04	0.49694648	0.65794201	2.12621557	1.00E-04	1.00E-04
2.86920656	2.18725094	3.94484627	3.63737047	3.67099694	5.354049	5.34136532
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35134699
1.02316025	1.00E-04	0.09703757	0.2273904	0.28365596	1.48351463	1.00E-04
1.74403324	0.71640521	1.48220504	1.75935262	2.01339157	1.46906154	1.65264336
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99435837	4.70626558	5.52309016	6.12633166	6.13743639	0.94543129	1.61352848
1.00E-04	3.28267412	4.24462868	4.46681173	4.22060547	1.00E-04	1.98625532
0.29843439	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.9210612	0.8339972	2.43820902	3.02271877	2.95878382	1.08793411	1.00E-04
4.28861928	4.86825801	5.79650365	5.06084209	5.07745252	4.71559177	4.72365781
1.88414679	0.72877389	1.2912457	1.36790217	1.13143092	1.00E-04	1.64670912

3.5222054	2.67304022	3.77039662	3.11104763	3.34276647	3.44620104	3.95877611
1.00E-04	1.00E-04	0.30151413	0.16261872	1.7097708	1.00E-04	1.00E-04
2.79200675	2.10123219	3.51853347	2.91093089	3.2812555	2.45063135	2.73484858
0.97871387	4.31606497	4.21662685	3.97431519	4.15696671	1.00E-04	1.00E-04
3.77046662	3.49312836	4.23666183	4.07594941	4.29612949	3.47869871	3.4033569
0.4605815	1.00E-04	2.51465308	1.51122105	1.85833925	1.00E-04	0.97863975
0.59928681	0.74506998	0.79889669	0.79257974	1.68762377	1.00E-04	1.51443555
3.05025311	2.71315228	3.69537631	3.37412246	3.52360634	4.81126112	4.44840987
1.48801064	1.79627859	3.44707401	3.19949289	3.00425152	1.00E-04	1.72836783
0.16533628	2.92058814	3.44088842	2.47007492	1.97296174	1.19321377	1.00E-04
1.31231724	1.00E-04	0.20897628	1.00E-04	0.75769396	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.28266535	0.51907006	0.7421331	1.00E-04	0.81245127
4.9218034	4.4374782	4.85888176	4.22400399	4.22879762	5.07053263	5.18098156
0.69362576	1.00E-04	0.4471601	1.00E-04	0.59169297	0.96326844	2.3481756
1.3235892	1.76210395	2.55447396	1.62903973	2.20497418	2.32891723	2.87812846
0.4077286	2.10586982	3.43115391	2.74195461	3.18254565	1.00E-04	1.00E-04
4.56842557	3.67890023	3.94908792	4.31890656	3.83219701	3.48877249	3.77726303
5.2890565	3.82180709	4.27341048	4.72629604	4.74907683	4.2648391	4.92458243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.16872249	1.39178539	3.6741517	3.75897769	3.22660669	3.54930662	3.68784421
1.75001958	1.41755274	2.9161479	2.92917912	3.26109632	0.84473467	2.51479441
0.6825914	3.47325255	3.7514632	3.66390902	3.42783348	1.00E-04	1.00E-04
5.512272	2.58394469	2.94199814	2.78007536	3.5318813	5.11651997	5.18620702
5.24555043	5.55923393	6.32722143	6.82763506	6.65172632	5.74714601	5.75289238
0.85165572	1.00E-04	0.5183174	1.00E-04	0.62295949	1.00E-04	0.62168103
3.42372845	3.26190361	4.00928521	3.81919934	4.1018362	3.42138907	3.39294079
1.00E-04	1.00E-04	1.00E-04	0.08952278	1.00E-04	1.00E-04	1.00E-04
4.8794579	5.7557325	6.22764189	6.60866456	6.44107926	4.01658857	4.72710269
2.97658714	3.32593959	4.01085492	3.91412971	3.99641255	3.1703909	2.47930694
4.64643073	3.914993	4.39126437	4.70321725	4.72970635	2.53216946	3.38536188
4.74277686	4.58580706	5.24727907	5.79233801	5.6360181	4.33463375	3.8433471
4.89918605	1.54789829	3.34001388	3.59945374	3.98697592	4.70152224	4.25213912
4.54436697	3.40107021	4.39018387	5.06819947	4.72715535	4.10941703	3.75330008
1.00E-04	1.00E-04	0.27194284	0.25529273	1.41767284	0.79958263	1.00E-04
2.96648256	2.17304217	1.69176626	2.24372723	2.65427256	3.72734749	4.94418415
0.48326645	1.00E-04	0.24921591	0.10087646	0.17301519	1.44286217	1.00E-04
4.84486443	5.64106754	6.13348138	5.49502802	5.60403083	6.03630642	5.43692656
1.00E-04	1.00E-04	0.73794307	1.00E-04	0.39490441	1.00E-04	1.00E-04
2.04468025	0.68407235	0.34634044	2.04551771	0.87669532	1.00E-04	1.00E-04
1.00E-04	0.8339972	2.06950599	0.5816645	1.48373892	1.00E-04	1.00E-04
3.18022042	3.22180507	2.94785334	2.99492883	3.07257623	2.46555397	3.10110858
4.73772754	2.72994118	3.65621624	4.17768511	4.11067195	3.66518415	3.83446825
4.76416251	4.64180648	4.76776578	4.26154355	4.28437544	4.54573218	4.90031438

2.68889701	1.1377045	2.49041123	1.94953682	3.3761439	1.93852418	2.43235958
3.59862635	2.05711845	2.6395511	2.77336775	3.09796779	3.07816878	3.45171697
0.48750082	1.00E-04	2.83153817	3.67659948	2.74418937	0.71661629	1.00E-04
3.5174277	1.84446289	3.32539053	3.89710448	4.12127883	0.71661629	1.81752163
5.34771893	3.44002417	4.09778223	4.56197854	4.43755743	3.23720006	3.49149337
3.08397563	2.69726838	3.24760103	3.10925274	2.94675891	2.25567555	2.05225837
3.62222594	2.49183445	3.23623822	3.08400841	3.48292101	3.66456978	3.65250748
4.06628084	3.27679367	3.4512464	3.03101514	3.97566261	4.11358263	3.97259619
4.67401699	4.58852468	4.97265228	4.58384567	4.5419919	5.07913699	5.15588993
3.96842269	3.79419822	3.6053277	4.03691574	4.09376984	2.9032137	3.27330642
3.61570186	3.12230823	3.49449887	4.06045668	3.91076789	1.98409873	2.22240472
5.37510444	3.43995937	4.82513288	4.42449608	4.60657664	5.60318009	5.56480386
0.56740551	2.72646486	1.08008037	0.20295571	0.35638952	1.00E-04	1.00E-04
3.82634092	3.78335513	4.14502485	3.83949996	4.22715289	4.28502752	3.79798741
3.53856819	1.5373906	3.22356979	2.94926342	2.84359458	3.34312057	3.86421628
1.99600386	1.00E-04	2.14673358	1.9719508	2.37592339	2.58272061	2.41080185
3.94077933	3.11482981	3.46754956	3.06996463	3.29798085	4.31800765	4.11775878
3.51937869	2.638232	3.33149976	2.57344072	3.23722128	3.93386027	3.74020506
2.95753591	1.4805492	2.68211736	3.49765025	3.82390734	2.72683755	3.13585008
4.70633767	2.78456707	3.36580112	2.61480164	3.63052616	4.24874956	4.36936506
2.97301635	2.18288636	3.47516381	3.56825921	3.40264587	1.77329361	2.13771516
3.68516428	1.93910512	2.86015278	2.77715862	2.95372589	1.17718034	4.13257513
2.70451916	1.43948638	2.28096895	2.3804561	2.62619164	2.44496569	1.24455031
3.86180311	1.19880434	3.2690408	3.03608835	3.30901005	2.91956222	3.86713796
2.1536146	0.71640521	2.40248809	2.24237779	2.97380925	2.26591598	1.56810088
3.20685008	2.25966146	2.6881183	2.46537941	2.63638325	2.85365697	3.02678771
4.16088183	2.09327044	3.52642665	3.75030162	3.1386656	3.70875382	3.99629049
4.23764389	2.17078556	1.74111372	1.71843075	1.94878324	2.25632004	1.68231281
1.00E-04	1.00E-04	2.51433122	1.67560284	1.12766436	4.57006918	3.52853156
1.91501849	1.00E-04	1.67561948	0.72852202	1.28182827	2.00133052	2.38720585
2.52031309	1.24533636	0.09356612	0.17660777	1.36125175	2.57321102	2.01605934
5.42890702	3.1624897	4.01197173	3.48937886	3.72627035	5.17140968	5.08606915
1.46181864	1.00E-04	0.92644571	1.19022606	0.58513519	1.00E-04	1.30639614
4.7162646	2.73988508	4.06779815	3.49875517	3.94918153	4.42810426	4.7090557
0.81089289	1.00E-04	0.51762406	0.97746295	1.31037398	1.42952649	1.65911369
2.38627225	2.83455035	2.27690717	3.17169073	2.78074807	1.00E-04	2.23356584
0.65568519	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.03499642	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.45117607	1.72287122	2.40438111	2.58646143	2.50271849	1.60530631	2.2122847
0.87167562	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.09268179	1.83854877	2.86907369	3.86676085	4.18133331	1.94025101	1.33789291
1.36645034	1.00E-04	1.54069159	2.04329645	2.04614745	1.62162851	0.99227054
3.09591445	3.27061212	2.81055762	3.13327517	3.61842423	1.91543559	2.6441269

3.52239803	1.72568579	3.01888095	3.11298095	3.353238	2.7338618	3.51851771
3.78657966	2.30216738	3.09846321	3.51927401	3.42917283	3.76998724	3.59766692
3.63567376	2.27828737	3.96676641	3.98138896	3.69870156	3.57116372	3.08313429
2.33535619	0.72877389	1.53162539	1.58194795	2.1881342	1.69216464	3.03310013
1.00E-04	1.00E-04	1.00E-04	0.08823908	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.42415005	1.00E-04	1.00E-04
4.56928754	4.97750077	5.57740855	5.76214943	5.78940767	4.34812532	4.47214223
3.43719575	2.71436151	3.61000415	4.11887742	3.85541957	2.98123764	3.155136
1.00E-04	1.00E-04	0.11121198	0.83838489	0.5933234	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09744499	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53773821	1.00E-04	0.0688269	1.25023296	0.15169238	1.00E-04	1.00E-04
0.81015451	1.00E-04	1.44914087	0.47942578	0.81345162	1.00E-04	0.41275046
0.0903597	1.00E-04	0.55555193	0.29812341	1.93427696	1.00E-04	1.32568218
2.93785765	1.2795411	1.23099059	1.25304489	2.6275248	3.47800753	3.61648401
1.29001989	1.00E-04	0.17178537	1.70876155	0.95005336	1.93784965	1.99031465
2.85574459	1.00E-04	1.1394845	1.74768981	1.63856	1.78790099	3.02812806
3.42522517	1.00E-04	2.37381523	1.96336785	2.67582953	2.75234727	3.221853
3.365692	2.27801923	2.41733653	2.23322616	3.42666354	3.59848245	3.8328751
1.00E-04	1.48618248	2.36836771	2.09388145	2.527868	1.00E-04	1.00E-04
2.16178549	1.84453736	1.81940807	2.38427269	2.83668008	3.50075143	2.59483146
6.68316532	5.89759167	6.64525119	7.79859588	7.52420401	4.71662999	5.7619295
3.22245923	3.7304402	3.7932172	4.68972122	4.32713576	1.00E-04	1.68704489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.67829339	3.16812134	5.27673833	5.67681827	5.66395259	2.29132605	4.18092681
0.83987147	1.00E-04	0.79700598	0.71204464	0.56594819	1.32413304	1.00E-04
6.61604055	6.55896201	7.0823559	7.65442759	7.38167631	4.58263663	5.53708731
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31046694	1.00E-04	1.11040439	0.10902669	1.00E-04	1.00E-04	0.41275046
2.56745442	1.82293172	3.98450201	2.87282781	2.6807715	4.06625044	5.03560142
0.26452994	1.72704018	1.67174806	1.79277087	2.05588491	1.00E-04	1.69484429
3.91403648	2.29405718	3.04242835	3.11125416	3.03363343	3.9020433	3.90189874
3.31187181	1.00E-04	3.57112822	2.45980214	2.70083166	3.72921474	4.10450268
1.00E-04	1.00E-04	1.00E-04	0.20868015	1.00E-04	1.00E-04	1.00E-04
0.84247543	0.87456952	1.56001812	2.38637473	2.1382782	1.41739154	1.00E-04
2.30419255	1.12769243	3.88190274	3.98575056	4.00287593	1.95854918	0.8850525
3.68596537	3.60709477	4.07220394	3.97140829	3.8776786	3.66824865	3.54577742
5.5370158	5.72962755	6.1868859	5.89794229	6.0151721	5.09154695	5.18128752
4.63788024	3.14941968	4.2217942	4.18378029	4.22296047	4.83381772	4.8740026
4.32148163	2.03235131	3.71341118	3.3061399	3.97070988	3.9963655	4.13492066
4.75327888	3.03873913	4.37187047	3.9967125	4.07246763	4.27808278	4.15320588
4.6092016	2.68061151	4.30078798	5.10430172	5.12121022	3.87608709	3.10222723

2.8818401	1.52102673	2.67839544	2.78380543	3.0496134	2.95341005	3.03176775
1.00E-04	1.00E-04	1.13507585	0.531398	0.27852224	1.00E-04	1.00E-04
2.06331679	1.00E-04	0.53692859	0.3295415	0.11639204	0.81859263	1.36514787
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01643975	2.96151022	4.43552642	4.77413142	4.50971279	1.39885208	1.73104334
1.00E-04	1.00E-04	0.08961241	1.00E-04	0.46640093	1.00E-04	1.00E-04
0.60627296	1.00E-04	1.01958844	2.36740282	3.43212161	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98405747	0.8358776	0.31121957	0.25474325	0.67218642	1.00E-04	0.56264051
0.25365118	1.00E-04	0.14590176	1.00E-04	1.00E-04	1.4522343	0.97522957
0.50541311	1.00E-04	0.1890633	0.19558808	0.26897215	1.00E-04	1.00E-04
4.46071003	2.51146072	4.14255132	3.84878331	3.8646572	4.65699738	5.03570467
1.57985582	1.16726039	2.22181042	2.16314508	2.04139656	1.00760463	2.35084796
3.17642587	1.77787129	2.30427772	2.12107188	1.99061767	2.53186466	3.34119918
3.6753735	3.33051324	3.67513137	3.66517744	3.99719654	3.37136748	3.40919504
5.06504533	2.77910183	4.37749138	3.81111051	3.74458685	5.69238438	6.20187282
0.63572075	0.8358776	1.42546107	1.30808771	1.06312996	2.29649603	1.64116429
3.58416901	1.58204844	3.05961571	2.63089542	2.57631005	3.37517337	3.89736513
1.36648547	1.67051148	2.73579397	2.4296978	1.92642632	1.00E-04	1.00E-04
3.07570697	3.21019976	2.67213439	2.28712425	2.33697773	3.19865038	3.19592364
4.71160792	3.72857209	4.81134895	5.1419465	5.15154021	4.12587736	4.55564811
3.19966837	2.15110291	3.42486426	3.88992226	3.46767649	2.35040018	2.13330198
4.6062967	4.67312814	5.29100348	5.12490439	4.89708226	3.99779372	4.45524752
4.37327014	2.52821807	3.95496089	4.55289709	4.31594324	2.89606203	3.29199041
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2.29147893	1.23797603	2.4231291	2.35833198	2.81312762	1.2925039	1.72475557
3.35556291	3.79840628	3.05356199	2.71548222	3.32798829	2.30364251	3.4703775
4.02568529	2.15397909	3.74456165	3.97233577	3.84631575	4.21643379	3.57421191
5.43027788	5.0395824	5.25486654	4.82762999	4.95642008	5.7290332	5.64535772
4.61266713	3.68914888	4.45304659	3.95050771	4.23899042	4.34186333	4.68011492
0.56422541	4.18926802	4.23407021	3.7044063	4.2720941	2.70701152	2.39027798
3.97492094	3.81393653	4.80515738	4.36259425	4.40944543	4.47258319	4.91867173
1.84157968	0.69779233	2.16620264	2.71952572	2.78332906	1.88081748	1.81497173
3.23153004	2.38008852	3.02150524	3.39475979	3.42631972	1.85073349	2.34451746
0.68033878	1.00E-04	0.1940299	1.00E-04	1.00E-04	1.72193129	0.40038755
1.64111249	3.94624446	3.07933368	2.40100385	2.29914969	2.36316638	1.90542018
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.68538349	4.48909019	4.79002436	4.67922379	4.5593463	5.51702987	5.70821672
4.07692307	2.6477356	3.99316407	4.03374691	4.04505555	4.10785366	4.44974432
3.57176167	4.03138562	4.81803457	4.62313696	4.39889104	4.76571127	4.59403345
1.91386625	1.00E-04	1.81891128	0.59649183	1.64586506	1.00E-04	2.24271805
4.27827321	3.34983577	4.29615955	3.89521003	4.02119071	4.87800358	4.91488788
7.66111045	4.66322047	5.19695647	4.88884902	5.46433703	7.51318851	7.538681

5.20328871	3.62127227	3.82927897	3.20860855	3.29777054	3.94025532	4.30005974
4.71318562	4.52444589	5.1337343	4.97530959	5.23887696	4.66047638	4.9524643
2.53551211	1.00E-04	1.70126385	1.3430676	2.37356066	2.97039049	2.15410662
0.29437845	1.00E-04	1.1804513	0.76256534	0.14163853	2.58628332	2.45647602
3.37817918	3.96078908	4.64549458	4.04745102	4.40538897	3.80994671	3.51138418
2.29639488	1.53515625	2.07635675	1.90629209	1.89874118	1.00952146	0.81245127
0.87307313	3.07701553	3.41237824	3.48448289	2.78974556	1.00E-04	0.316869
7.97028114	5.47071139	6.30630602	5.74305539	5.94618547	4.02576534	3.997948
5.16978133	2.27801923	2.49398167	3.11785249	2.91666546	4.96456688	5.11179351
6.04997987	5.58746288	5.63302776	5.48858018	5.86603212	6.21947902	6.1610537
3.59198206	2.79667537	2.82419282	2.77902157	2.79619506	2.7750825	3.15312965
0.36806273	1.00E-04	0.07911744	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53783923	2.46268825	2.88563766	2.59347987	2.48171139	1.00E-04	1.00E-04
4.97087954	3.77047059	3.38951159	3.67261292	4.1337472	4.63261714	4.51868239
4.135043	2.02989998	2.92964614	3.1355625	3.08734875	3.10863278	3.40052265
2.79417281	3.83852151	5.17714614	4.41686617	4.4793496	3.07522746	3.81922206
1.25607331	0.8339972	1.47365787	1.38679331	1.58847319	0.89799762	1.74415785
4.26522136	3.6339408	4.42471808	3.90255651	3.93231678	5.01009841	4.82155163
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73770545	4.75896508	5.54505475	4.76020125	4.66285764	2.82110816	3.32102849
4.57701296	2.68153443	2.79705318	2.83189227	3.02411378	4.42027828	4.40531975
0.54553936	0.79637057	0.15734008	0.28672895	0.18422169	1.00E-04	1.00E-04
1.01026324	4.20075473	4.71713142	4.23375139	4.09862292	2.97411212	2.4083458
1.21243251	2.80169586	3.64044354	2.9128047	2.89842035	1.6485068	1.00E-04
4.25226283	1.1377045	1.61612391	2.5361437	2.73379925	4.68435931	4.37532648
3.88080215	4.46257005	5.02459325	4.84377622	4.53567565	3.88141125	3.73008977
4.01789223	2.99894684	3.9753196	2.95536573	3.22815379	4.40386688	4.60255748
1.72592146	2.22941397	2.80816535	2.5094242	2.51533653	2.44382346	2.29407475
3.74970242	0.68407235	0.93669032	1.74404461	2.08629617	3.87625894	3.75898162
4.13001797	3.16242743	3.66914726	4.05487323	4.39367062	3.58247593	3.45230038
5.93174451	2.34837234	3.60946956	4.57148382	4.7924702	5.1084007	4.99839589
1.00E-04	2.78409146	2.34618598	3.11712875	4.0355271	1.00E-04	1.00E-04
4.81856911	1.45686103	2.2508126	2.59384726	2.62486021	5.06692462	4.47224141
1.51359459	0.7902481	1.73050726	0.93628766	1.38295905	1.00E-04	1.00E-04
2.24019121	1.74302232	3.51685512	3.5402382	3.68813371	1.00E-04	1.92614305
2.61797301	3.10751242	4.27683555	3.749086	3.90108223	3.32706708	3.61002944
3.53513891	3.44973516	4.44440271	3.78509551	4.01591683	3.95794031	4.34451166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14284657	1.00E-04	2.13275072	2.20608324	1.98008131	1.00E-04	1.00E-04
0.35566681	2.25796664	2.74578872	2.44253186	2.73318789	0.86494787	1.00E-04
5.78260149	3.90194684	4.96383057	4.49456996	4.60514427	5.45412502	5.04183102
1.83106441	1.00E-04	1.38975901	1.37281829	1.76703258	1.85907085	1.84601549
4.74818155	2.98857276	3.71041489	3.82134453	3.80552112	3.84373803	3.83231805

1.11829411	3.89957549	4.51760855	3.66430844	3.67059175	1.00E-04	0.81996147
3.0307452	4.83519082	5.20871246	4.73810522	4.73092145	3.56794643	3.9124308
5.16341419	4.16139734	4.78390339	4.25511187	4.79822705	5.67965658	5.92101882
2.94637986	4.34144257	4.12759257	3.85831966	3.60594644	2.28765614	3.67138935
0.82083238	3.2311024	3.90446426	3.79378595	3.83137598	1.00E-04	1.65582618
0.16484259	4.18616348	4.62857235	3.95372009	3.68663923	1.00E-04	1.01864576
1.77813001	1.00E-04	0.46795451	2.31085501	1.10812222	2.723609	2.62574919
0.95957615	1.76032204	2.47332735	2.02693881	3.20351444	0.96326844	1.00E-04
1.29200288	1.00E-04	0.53358061	0.28451312	1.49375089	0.94543129	1.48223447
1.27513875	1.1377045	2.111759	1.46769282	1.92131701	2.23578369	1.00E-04
4.93903056	3.23750625	2.96496244	3.09285682	3.17369369	4.91562957	5.14204919
4.58375575	3.57226391	4.50660235	4.01323017	3.86780163	5.41486147	4.95676843
2.1126882	2.77862193	3.25373878	2.73110293	2.94987664	1.66558594	1.434821
5.37158153	4.2031611	4.69080834	4.18344362	4.56046463	5.35840024	5.63831141
6.53764091	5.44078981	6.25178566	5.58345055	5.65798316	6.74962685	6.69683113
5.82462359	4.29304554	5.1204856	4.57050509	4.80456004	5.89454566	5.82577084
3.68185501	1.00E-04	1.43873382	2.07259497	1.51043111	2.29648141	1.61026478
3.82733719	1.65091835	2.61766863	2.50463795	2.04609905	4.13190234	3.49734332
0.70232878	1.00E-04	1.00E-04	0.17460043	1.00E-04	1.00E-04	1.00E-04
4.76463819	2.94494832	4.18382203	3.43092684	4.22081556	4.27454375	4.62873801
6.04606605	4.3726792	5.48543222	5.08205731	5.16889396	5.83644892	6.07780837
3.58274464	1.2795411	1.37687405	1.56005098	2.36965036	3.74724178	2.79129006
5.59710869	4.54829865	4.59373146	4.14158818	4.1164313	5.22269594	5.734334
5.53087404	4.93209073	5.36121423	4.89243189	5.02994953	5.96741019	6.10306653
4.59202881	3.05576681	4.14997557	3.60982203	3.78205513	5.00156872	5.04640653
0.50085115	1.00E-04	0.35187943	0.20989638	0.1685492	1.00E-04	0.94970493
3.03262415	1.92689549	3.31154969	3.84161177	3.69617787	1.46633946	2.0772194
2.42497343	1.23005604	1.34817153	2.22782328	1.45263543	3.08933276	2.59046332
2.86106326	0.68407235	1.69886067	2.42393934	2.94751317	1.51042251	1.30899632
1.09236665	1.00E-04	0.70333222	0.34986275	0.18101271	1.00E-04	1.00E-04
3.75113778	3.71060715	5.27593648	5.1796344	5.02959747	3.79676609	3.4295397
3.59647582	1.28246279	2.69871532	3.24049126	2.71524059	2.5952121	2.62087428
1.22772765	1.00E-04	0.36869178	0.25336896	0.14455498	1.00E-04	0.68773152
5.75403234	4.01229354	5.14121277	4.54532127	4.92472344	5.93727136	6.15338963
2.51317741	0.87612072	2.31249251	2.44260145	2.73067764	1.62526565	2.48566038
3.87865664	3.13794416	3.0295567	3.82661194	3.84867681	2.2451168	3.24103628
3.34766044	1.67606544	3.90991364	4.32571361	3.93543589	3.06062795	3.70355502
3.01310084	4.10910476	4.27649962	4.64729263	4.39303677	4.07290736	3.85249768
2.35843807	0.8358776	3.10209131	3.83815795	2.76041158	1.58944012	2.1466869
3.45333707	1.74666512	3.24802773	3.40622492	3.32637766	4.56266346	4.51986804
0.06759249	1.00E-04	0.08218983	0.16753828	0.21067137	1.00E-04	1.00E-04
4.94181141	3.43670473	3.5572861	3.70237878	3.57938694	4.09402599	3.35347657
2.77678489	3.2144352	2.20873547	1.73626446	1.32884747	3.46495838	3.09596637

0.23003214	1.00E-04	0.53212826	0.66621677	0.1685492	1.00E-04	1.00E-04
2.31024133	2.06247987	3.93905517	3.66798256	3.80870993	2.45734708	2.22175691
4.74728251	2.68052245	4.21949413	4.77904988	4.70323758	3.30674777	4.12103284
4.30318759	2.41247873	3.83296744	4.44541921	4.56088083	3.40409857	3.27512582
5.06641477	3.29548715	4.10038551	4.71910724	4.63720221	4.20932983	4.23997275
4.49716736	4.57526753	3.28971948	3.27831239	3.45345389	4.03339806	4.17271381
3.32983725	1.63046445	2.82290747	3.01222762	2.61181639	2.5621516	3.18785945
4.33591574	2.00635219	4.05088924	4.23657739	4.00254357	4.47533358	4.33055719
0.41053714	1.58124053	1.97755706	1.70899489	1.27918148	1.00E-04	1.74702231
3.60716738	1.00E-04	3.01344653	2.84204575	2.90582615	3.34861949	2.28216659
3.56402322	0.74506998	3.10455225	3.57880806	3.56997393	2.25864513	2.68757231
1.60037076	1.00E-04	0.59675823	1.82602876	0.48498794	1.03647332	1.00E-04
4.11025588	5.28877426	5.91138366	5.43583192	5.51158026	3.86602452	3.98533717
1.04747272	5.41692121	6.03196898	5.76286446	5.79929777	1.00E-04	2.58145073
0.52120562	5.35906489	6.10109949	5.61281109	5.44171061	1.00E-04	0.93074312
1.8478698	1.00E-04	1.68994819	1.66768533	2.35621459	2.35870433	1.94087819
1.82670579	1.00E-04	1.30582213	1.7647965	1.28416886	1.00E-04	0.9332233
4.13403347	0.71640521	2.40073509	2.22617651	2.70258783	3.29288592	3.43245808
4.56662786	3.01257134	4.0392252	3.77292808	3.72169557	4.87104516	4.78976541
2.55645494	4.67162789	5.3646599	4.77819409	4.74481234	3.45849883	2.99274287
1.73919355	0.87456952	3.28807867	3.25281244	2.83336005	1.34762977	1.74553895
1.92809611	1.59175164	2.06559256	2.51650081	1.82762782	1.10522239	2.58612865
3.02965749	3.31822004	2.94281539	3.8332466	3.83970948	2.3833211	2.89726449
2.21856606	1.00E-04	1.00E-04	1.00E-04	0.11746998	2.43771911	1.66962228
3.00114012	3.25747141	2.83717663	2.77999157	2.6871964	2.54278753	2.48806306
1.24557595	3.61515877	4.18082473	3.66355522	3.91565056	1.0689944	1.00E-04
1.37480273	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.43500518	1.89269043
4.96977657	2.84748318	4.24081054	3.68407619	4.07575876	4.47220319	4.53230098
0.65330762	2.22989927	2.30028975	1.77898679	2.29829113	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26915205	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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3.8425531	3.54960337	3.5717055	2.9016793	2.91879056	3.92022654	4.63816327
1.00E-04	1.00E-04	0.18989516	0.20722646	1.35292134	1.00E-04	1.00E-04
4.39232802	2.60925871	3.17008298	3.67257293	3.18269428	4.92977267	4.79910624
0.347258	2.5155988	3.78207964	3.31461266	3.05642947	1.20541235	1.83412917
3.9948716	2.9670578	3.66469524	4.28059431	4.11265494	3.64919403	3.92394837
6.14094979	4.52604311	4.99880442	5.85177716	5.84797646	4.71040924	5.00552919
6.22497935	5.05466766	5.28841113	5.81746304	5.71728359	5.5048835	5.33731403
6.13870429	3.51520469	4.99111208	5.80102517	5.58397597	4.32487899	4.48581805
4.92127827	0.68407235	3.75279026	4.14315544	4.07770824	3.22781696	3.97457397
5.55304477	4.49241741	4.49667372	5.23648156	4.87213961	4.1796848	3.95470501
4.56600816	2.51687244	3.89337305	4.26953908	4.47540278	4.08535096	3.82510764
0.17576665	3.46340725	3.5269705	3.7870704	3.95502025	1.00E-04	1.00E-04

3.99686303	2.80707145	3.85905953	4.02866757	3.7090347	3.6452122	3.79485703
1.37480882	1.00E-04	0.21148481	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.72665718	2.50029553	3.21868593	3.59851928	3.59645293	2.12543823	1.64640236
2.83363539	0.71640521	2.19735684	2.06613635	2.50151438	3.68012948	3.17713895
3.56543057	1.00E-04	3.42913905	3.51941502	3.68664127	3.59552195	3.58046623
0.73106334	2.20234863	2.64764731	2.96794828	2.47420875	1.31443423	0.89038937
2.06805087	1.00E-04	0.39697512	0.14376298	0.09814195	1.66181256	1.56369438
1.95536573	0.71640521	2.23843321	2.15755881	2.40932146	1.72940334	1.80058091
4.04443919	3.41701917	3.22073662	3.03307143	3.05959111	4.1599534	4.68804895
2.3383359	2.41179902	3.17022789	2.76644814	2.99972791	1.18042507	0.93599281
1.00E-04	1.00E-04	1.01637713	0.81874765	0.43215635	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3642003	1.00E-04	0.09704178	1.00E-04	1.00E-04
3.65921209	0.69779233	2.2961267	1.92555834	2.951903	3.95250328	4.10305312
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53557858	0.68407235	1.27794436	1.02245203	1.34420229	1.00E-04	1.00E-04
2.2993225	1.00E-04	1.5217437	0.84520468	1.69152437	2.14591898	2.24010277
0.29843439	1.00E-04	1.00E-04	0.30799518	0.11344173	1.00E-04	1.00E-04
1.31338904	0.71640521	0.20442064	0.33062792	0.77750834	1.00E-04	1.24145063
1.00E-04	1.00E-04	0.09322287	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29619282	0.41673588	0.69163228	1.00E-04	1.00E-04
2.1055072	1.2795411	1.86278373	1.9969258	1.94911407	2.25605537	2.10705266
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1.00E-04	1.00E-04	1.00E-04	0.1141687	0.1253092	1.00E-04	1.00E-04
1.37380606	1.85992618	2.73382001	2.650793	1.70106829	1.18371736	1.799331
4.34939563	4.22661126	4.58853289	5.29533582	5.57775034	3.68582922	4.08377007
0.30549847	1.00E-04	0.61002809	1.29809978	0.13957128	1.00E-04	0.7040554
5.58742743	4.52686025	4.80680604	4.70180547	4.60385261	5.47886477	5.63537332
2.18515927	3.20339258	3.42722815	3.21992662	3.11612708	1.2960196	1.65568266
1.48978125	1.00E-04	1.18518411	0.54991633	0.54032678	0.89799762	1.00E-04
3.65597982	3.39987307	3.82381145	3.21365211	3.36205207	2.65408114	2.73906258
0.61320582	2.42901441	1.33123611	0.92445714	1.6595712	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09186897	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35318481	1.93695839	2.08016106	2.69413347	2.07856234	1.00E-04	1.00E-04
2.12200139	3.01294618	4.09553393	3.29047129	3.39753336	1.46212599	1.80842558
1.00E-04	1.00E-04	0.21896012	1.00E-04	0.08916315	1.00E-04	2.28445105
1.09991962	1.00E-04	1.57775383	1.25865175	1.41387576	1.81870208	1.10457566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25117958	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.49919392	1.00E-04	0.58970613	0.84570513	0.88743856	1.5205332	3.2244952
4.67970701	2.49193424	3.91081669	3.63611424	4.06890982	4.05504123	4.40890932
1.00E-04	1.00E-04	0.84396187	0.65819413	1.13094176	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34601587	0.28957366	0.18294787	1.00E-04	1.00E-04
1.90338988	0.72877389	1.33311284	1.3044746	1.50263615	1.95244827	0.94970493
2.76017645	1.25509001	2.23925007	1.72799488	1.97782386	2.11374561	1.8872994
3.28706436	1.25509001	2.64341005	2.79954263	3.38641936	3.24893606	2.33841824
1.00E-04	0.96847026	1.17952935	2.30437184	2.47786411	1.00E-04	1.00E-04
5.10720301	2.58551753	4.15604445	3.99705371	4.23377421	5.01616709	4.89977596
3.81979555	1.86321211	3.47806434	3.5563601	3.25596338	3.82739244	3.92754807
5.23476363	4.63097873	5.43495549	4.53490321	4.76258041	5.63559183	5.90003991
0.56413688	1.00E-04	1.07748548	0.83366811	1.55689429	0.96274275	1.00E-04
1.00E-04	1.00E-04	0.46573821	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.21267938	1.00E-04	2.04775644	2.51887324	2.4255786	0.88297287	1.71972366
1.84591569	0.8358776	1.51452726	2.04040843	2.22372197	1.78729649	1.98236912
0.33157495	1.00E-04	0.54148668	1.0045027	0.75927506	1.00E-04	1.00E-04
0.14735492	1.00E-04	0.0741193	1.00E-04	0.24705339	1.00E-04	1.00E-04
6.25160102	4.78818697	5.75075579	5.33491867	5.56990833	6.43224573	6.49775802
4.03723627	2.10954912	3.63123349	3.32663016	3.34968019	4.21854777	4.57506012
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.29187287	1.00E-04	0.94479802	0.18885872	1.09815327	2.85349776	1.80616156
1.00E-04	1.00E-04	0.18882172	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19497067	1.00E-04	0.80051805	0.42464995	0.16277654	0.68203783	1.53550947
2.51918529	2.1229064	2.47895812	2.72279251	2.86422412	2.94752254	3.09821667
0.54198903	1.00E-04	0.07655967	0.24921	1.00E-04	1.30530732	1.00E-04
2.22133317	1.49077582	1.34030703	1.43201263	1.34697312	2.92165151	2.9343896
2.5581975	1.98223791	2.76927145	3.34878939	3.54397331	1.74793075	2.47034204
1.41152982	1.00E-04	0.37197252	0.41006314	0.47827206	2.40648964	2.70233168
3.18432124	3.22390134	2.68372778	3.18406691	3.84705331	2.23332758	2.79884372
0.38734761	1.00E-04	0.15257778	0.19340178	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06287992	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.50734875	3.62210913	3.95147718	3.85231586	3.99737436	4.37755668	3.8863847
1.00E-04	1.00E-04	0.05903671	1.00E-04	0.27719185	1.00E-04	1.00E-04
1.9478095	1.00E-04	0.99848682	0.38739024	0.21477405	1.50866861	1.00E-04
0.94986641	0.96847026	1.33484252	0.14621476	2.04193956	1.00E-04	1.00E-04
0.60396288	1.00E-04	0.59526728	0.1053363	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.25061534	1.00E-04
3.15641952	1.48856507	2.68444189	2.35388111	2.77422558	2.50598987	2.88539568
2.76325732	0.87456952	1.74449747	1.87420417	2.33742155	1.00E-04	1.27747878
1.00E-04	1.00E-04	1.27897491	0.26807946	0.65425836	1.00E-04	0.72495184
2.37731277	1.00E-04	2.19598825	2.07817063	3.06183244	2.77383448	1.92355657

1.3130043	1.00E-04	0.52166213	0.62290512	1.00E-04	1.00E-04	1.00E-04
0.43632774	1.00E-04	1.00E-04	1.00E-04	0.15509212	1.00E-04	1.00E-04
1.54306885	0.76524107	1.36867928	1.71401094	1.00128578	1.96043523	2.10673413
4.35642511	3.54518838	4.28296885	3.7960261	3.75068596	4.13352229	4.30110534
5.36843865	4.56423612	4.95443901	4.63501187	4.65464774	5.24422562	5.30777618
1.46338586	1.00E-04	0.12696973	0.29686368	0.28930056	0.72869785	0.56264051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.33886473	2.56832614	3.86973341	3.42971275	3.59187465	4.15768775	4.34512238
3.71941073	3.2865612	4.21308201	3.59777581	3.53404382	3.77331944	3.84808974
5.69345201	3.24780654	5.03747592	4.27797043	4.65318477	5.90200512	5.96356639
3.04666509	0.72877389	2.13340411	1.5014662	1.72905968	3.26107095	2.63216807
2.48423962	2.27588521	2.80785539	2.63134397	2.8242957	2.69403879	3.30646325
1.00E-04	1.00E-04	0.41518081	1.00E-04	0.2690411	1.00E-04	1.00E-04
5.2661323	4.6643999	4.74329505	4.36903381	4.16455887	5.01020989	5.02899201
4.64756352	2.22200132	3.97679363	3.51602096	3.47023354	4.72584754	4.71330183
4.52007565	4.17006323	3.88192294	3.68499754	3.75643441	4.63659043	4.92019641
2.81400379	4.27913388	4.93319396	4.47805139	4.27796227	3.43484009	3.03045284
4.91807468	4.38171526	4.34935725	4.43469054	4.43508616	3.91235111	4.44568618
2.74604651	1.97761709	2.21774821	2.30276503	2.23291287	1.00E-04	2.25063938
4.93177583	4.03260942	4.48173536	4.17348851	4.22808675	5.10195309	4.80802556
3.8313948	2.78754645	3.32558675	3.21146998	3.06731536	3.40056312	3.66743502
4.91600105	3.61713695	5.19075359	4.71448962	4.78532709	4.76535372	4.90644929
5.90919346	4.43299617	5.10473251	4.68727224	4.70991141	5.40532265	5.73712249
4.57967204	3.43050283	3.72800813	3.94627394	3.27032828	3.18601398	3.06177808
3.84537146	4.2061951	4.0807633	4.0152817	3.84619078	4.47798291	4.25803167
3.51712515	2.96831531	3.11096812	3.60256267	3.01615344	2.9217627	2.60031617
4.43940558	2.25673483	3.25169226	4.29033291	4.33776526	2.93296531	3.68524712
3.93111243	2.14422917	3.32297521	3.42492255	3.23350971	3.91405634	4.09282091
3.55852282	2.76266198	2.57989042	2.44635731	2.8977454	3.43973674	3.78704819
3.44170606	2.27880717	2.70246218	2.83685697	2.50771105	3.57181841	3.89218948
3.6298447	1.77484346	2.58247016	2.3713907	3.10756975	2.43960461	2.30633697
2.40887222	1.12769243	2.36283359	2.49482423	2.21432146	2.69518847	1.69899873
3.65076437	2.14903732	3.49734286	3.31715351	3.02528152	4.03675699	3.95169232
4.28728439	2.3654338	3.59661138	4.03046282	3.92809278	3.54796606	4.20362387
1.81331639	1.47371673	2.41875355	2.66462632	2.39581239	2.60287204	2.77192272
3.37736488	2.05319255	3.10522171	3.05173982	3.40857514	3.22523527	3.91508288
4.13971892	1.31236668	3.25808941	3.27155596	3.43698334	3.81624637	3.68209898
2.59919036	1.24533636	2.19009898	2.06825367	1.55186071	0.94908439	2.80937573
4.50192314	3.50344737	4.17093513	3.75878928	3.8779127	4.75170788	4.98546987
4.81678695	4.44230801	5.39566609	4.94081861	5.06472353	4.84483029	4.69815047
2.14584379	1.51368305	1.6542694	1.75454832	1.64155739	1.60693625	0.35134699
0.34119063	2.14146279	2.94937799	2.44168271	2.62737884	1.00E-04	0.40038755
3.50464859	3.85231089	3.33947713	3.2278392	3.77854336	2.36090389	3.18859561

0.8582132	0.8339972	0.81372555	1.11537911	1.30912372	1.00E-04	1.5344211
4.3861398	3.20845638	4.01056261	3.66785293	3.64675283	3.98210542	4.0953737
4.17973473	2.70786235	4.30774622	4.39535828	4.2128554	4.49696388	4.4526752
5.40961031	3.74402573	3.65696185	3.51504627	3.58888757	5.84341857	5.66334954
2.60661177	2.91519849	2.62295487	2.97619913	3.02941143	1.38927927	1.76891038
2.23037359	2.60138104	3.88734863	3.12334575	2.7580058	1.57541509	2.16008001
0.49702742	0.68407235	0.41421228	0.34339703	1.00E-04	1.00E-04	1.00E-04
4.51836206	3.71796723	4.74292018	5.46360399	5.16623245	3.24087275	3.81279844
4.89050223	4.07217367	5.13670435	4.73502155	5.12616814	6.28313886	6.26826195
1.3141137	2.89190196	3.79962099	2.62600939	3.12816969	1.21290128	2.09828691
4.54688057	0.74506998	3.06982085	2.38422099	2.70636232	4.20403645	4.321545
4.10651354	4.60377457	4.39430603	4.04098768	4.08541914	4.76790578	4.49979586
1.07135196	0.74506998	0.34726029	0.09353219	0.14148046	1.00E-04	1.00E-04
4.54260656	3.75794876	4.51395936	4.02597704	4.53888129	5.36928196	5.53321148
4.27998429	4.3379775	3.60919845	3.36735897	3.23251719	4.5697736	5.0239545
1.00E-04	5.50650231	4.53076239	4.74057936	4.02902938	1.00E-04	1.03441279
3.0756671	2.42512658	3.31709563	2.50569357	3.25012732	3.28701483	3.59708622
4.26039009	1.97597114	3.13876292	3.16416143	3.49446696	3.20187707	4.0493458
3.76190089	4.86213591	5.40336016	5.07573313	5.16243689	4.046482	4.35747558
1.00E-04	3.15851352	3.74678687	3.52429764	3.32686565	1.00E-04	1.46347951
1.00E-04	1.53155516	1.50313016	0.90586396	0.56471844	1.00E-04	1.00E-04
4.32486783	3.71189761	4.76847618	4.824272	4.98270487	4.4016256	4.46796087
1.00E-04	1.00E-04	0.26747799	0.37391898	0.30966135	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.48707831	0.23418104	1.00E-04	1.00E-04	1.00E-04
0.64541998	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.1474645
1.80544866	4.49570589	5.26490911	5.22371354	5.09259967	1.00E-04	2.30628719
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.67745829	3.71788116	4.10065977	4.59559256	4.57899269	4.53233301	4.12452616
0.93272293	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.60354525	1.08649412	2.45239684	1.85365993	2.44383135	1.5825545	1.83434433
2.93933678	1.00E-04	0.77306531	0.93194384	0.96950619	0.74564767	2.57243556
4.34429295	4.8275819	5.58728079	5.4302629	5.35580342	4.69209206	4.91399118
5.09516667	3.06902987	3.00434802	2.44160865	3.22877753	4.29463871	4.47062705
5.01807728	4.07770571	4.33624701	4.38042907	4.2100069	5.5647134	5.37819404
0.1671021	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.57189996	4.34686946	4.39008557	4.30291039	4.14907872	5.26357493	5.49399074
4.51119132	4.69574709	5.17238713	4.5186619	4.57557089	4.68089164	5.03500626
0.9484018	4.99378177	5.41240087	4.98321974	4.68635234	0.79958263	1.27747878
0.84864102	1.00E-04	0.17119592	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.89331069	3.97335159	4.39639611	4.80887436	4.82730065	4.21377292	4.05112112
4.38968322	3.71992766	4.85016804	5.38366424	5.15825392	2.67736317	3.74226698

3.98089615	2.24056887	3.71089489	4.18814965	4.21259501	3.33515715	3.19215669
5.08122046	3.79092878	4.67360368	5.18118626	5.21923348	3.62112779	4.20649559
6.22159777	4.45622287	5.63951127	6.67093599	6.30443488	4.43789163	4.8827784
4.37523613	1.53275223	4.90910434	5.75760196	5.73169544	2.50205424	2.68989142
3.93660604	2.27801923	3.32215849	3.96126683	4.15113675	2.68862469	3.04520285
4.96498329	3.72471198	5.37005198	6.01419758	6.05979808	3.86818096	4.23638872
4.23968217	2.51983461	3.49518817	4.78469158	4.68684778	2.79775788	2.95996939
4.21827168	3.16027454	3.99276765	4.71392161	4.65112117	2.79168248	3.30691055
4.47635997	4.1027863	4.58481212	5.1888669	5.12752003	2.67431418	3.29688124
4.36180927	3.42676048	4.13914117	4.96602853	4.71931759	3.05157655	2.15321018
5.30820585	2.08291205	4.78229752	5.7571789	5.30429365	3.28816279	4.1703042
5.08398142	3.70366294	4.84700319	5.95916472	5.60569364	3.39084005	3.81793017
4.38444843	2.12629714	4.16268237	4.7384098	4.6548392	2.94088906	3.46492053
4.17370093	2.06772115	3.94000784	4.73847044	4.74158165	3.20190675	3.39651489
4.9746464	3.50524286	4.60244475	5.45833917	5.15699199	3.23521247	3.78282362
4.75407362	3.06536359	4.45620196	5.00053982	5.24546077	3.75762875	3.64029843
3.70790317	2.34629417	4.19123485	4.46531816	4.83112065	1.39564573	3.0044045
1.43162821	1.00E-04	2.46502384	1.95052542	2.07728077	1.22399854	1.00E-04
3.82201768	3.38259146	4.48479635	4.62061088	4.98024522	2.47571707	3.39256646
4.79736024	4.12435649	4.58126224	4.5369742	4.2222824	1.81697737	2.98420624
3.1755915	2.60636943	3.25685181	2.83470526	3.4619319	2.99681118	2.74618275
1.00E-04	1.00E-04	2.46905941	1.8252552	2.06846508	1.00E-04	1.00E-04
4.51653635	3.71108733	4.14269259	4.71155706	4.90534931	3.20829961	3.06591698
5.03219598	4.2413089	5.17854467	5.68240106	5.62316535	3.85254276	4.2462279
4.50583419	3.53016761	3.35529587	3.79055958	3.87883161	3.38990488	3.60589679
0.07341779	1.00E-04	0.15813453	0.16722881	1.00E-04	1.00E-04	1.00E-04
5.36274096	3.0982478	4.60476412	5.20015791	4.94106171	3.78611873	4.1310901
3.89012227	4.19011345	4.13869434	4.08433927	4.02543832	3.19974188	3.582216
1.00E-04	1.87617286	2.57096388	3.26949313	2.23437516	1.00E-04	1.00E-04
3.319236	2.16550321	3.66495178	3.57949811	3.76499832	3.05673149	2.86901029
3.93700091	2.99272773	3.13440847	3.3101367	3.70015287	3.86781831	2.97373762
1.39999459	2.21398968	1.25117646	0.24392626	1.27507828	1.00E-04	1.00E-04
3.43978938	2.8330811	3.94354647	4.46946654	4.07143686	2.38503276	2.9007989
4.09418198	2.65826389	3.51369249	3.77945108	4.09361718	4.14089529	3.7934496
1.00E-04	1.00E-04	0.10473028	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.71440519	2.7570397	4.63087829	5.19247762	5.00621728	2.61406691	3.67416771
0.36611105	1.00E-04	1.00E-04	1.00E-04	0.63926134	1.00E-04	1.00E-04
4.44311198	2.21957412	3.7697215	4.11402954	4.05147704	3.29816739	3.64872133
0.39161162	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10913195	1.00E-04	0.35649151	0.52596636	0.31684495	1.00E-04	1.00E-04
4.19760836	4.0635841	3.83017935	3.84980579	3.95110364	4.19396804	4.46789829
4.05514326	3.16880761	3.57809319	3.42827502	3.33337651	3.60610803	4.26226202
2.21227655	3.68489625	4.29742052	3.85302468	3.94680616	1.00E-04	1.24011905

4.83475085	3.45987882	3.72156002	3.38024734	3.72369249	5.60386513	5.37995983
0.10260419	1.00E-04	1.43201486	0.73688479	0.69338346	1.00E-04	1.00E-04
3.98372688	3.88142381	5.3276701	4.96044969	4.694139	1.65466833	1.65374659
3.10422093	0.74506998	2.51609444	2.18250486	2.08716689	3.49262706	3.29903755
1.23223547	1.00E-04	0.526589	0.34255493	0.58710556	1.36688214	1.7615272
5.0744959	3.4432141	4.43784857	4.30148774	4.70002982	6.145194	6.32357293
0.50063114	3.58555046	4.48125629	4.00241627	3.71665366	0.46029024	2.15438903
4.95416641	4.0437493	4.90642121	4.62035254	4.68594153	5.26849679	5.46976993
2.97986025	2.93604666	2.45026099	2.2765563	2.35554352	2.16824319	2.91998936
2.8495515	1.472772	2.61074405	2.81640724	3.01117364	2.75998644	3.3946218
1.30157596	1.00E-04	2.11939747	1.94758429	1.11515612	1.00E-04	1.40624424
4.81724601	3.2095869	4.2904142	3.74278647	3.94017399	5.28766157	5.17623945
3.06839668	2.42595042	3.06891056	4.00503851	3.66465719	1.6997822	1.54709665
2.38554114	2.20222169	1.86557695	2.00218929	1.44794573	2.94598708	1.8739572
4.66472459	3.98297709	4.59130218	4.10924343	4.14886185	5.18767059	4.93172225
4.20749538	1.00E-04	0.50719256	0.43459473	1.33873264	2.02632569	1.153275
5.56477948	4.13117876	5.07533035	4.96528771	5.17112726	5.60387407	5.86312711
5.4411734	5.31046669	6.29389822	5.64962807	5.72284052	6.12568268	6.34646211
5.03855969	4.70114806	5.00434978	4.96497076	4.81463929	5.26199781	5.65453498
3.08631167	0.74506998	2.5689291	2.19800582	3.0898888	2.83514639	2.74760105
5.24367734	4.58018418	5.33057212	4.80105122	4.97184735	5.64113399	5.66581561
4.16161295	2.83059601	3.3764687	3.27509494	3.1543953	4.01756418	3.88012476
4.73510251	1.99788978	3.94227805	4.00235828	4.03193581	4.2903735	4.23050333
4.9939912	4.15417497	4.76837728	3.92306035	4.1454706	5.44337382	5.53092494
3.77465849	4.09023277	4.99298321	4.46732975	4.720729	3.91373245	4.29987662
0.96632253	1.00E-04	0.24629342	0.1285221	0.10452963	1.39046758	1.50598682
2.62005716	2.14906021	2.64251962	2.3923632	3.01309946	2.2477925	3.03020036
3.99687305	2.24805358	4.14652481	4.22651585	4.32656465	3.18859482	3.68894949
4.49886415	2.71393928	3.76347996	3.47426755	3.50784694	5.00163756	5.07174276
1.44774844	0.8339972	0.44471989	1.69897165	0.57423458	2.05900455	1.48778315
3.37136108	1.55232423	3.38778962	3.07144965	3.1528516	2.3667068	2.89956655
0.84239094	1.00E-04	0.64308044	1.28396807	1.92285926	1.00E-04	1.00E-04
3.71161076	3.44705456	3.74138238	4.16197974	4.27598325	2.26282225	2.89142151
1.91648461	1.00E-04	0.89415435	0.27379314	1.10712478	0.9559646	1.45983557
1.60127951	0.72877389	1.04232182	0.49823711	0.87940223	1.00E-04	1.31520537
3.61661293	4.77848343	5.43962434	4.67035441	4.45000962	5.22624203	4.66086015
4.12661867	3.44394642	3.87138514	3.47084749	3.59366723	4.68359924	4.9490703
3.14979425	1.77490145	2.66135931	2.77590677	3.46512352	1.87386794	2.93754349
5.16724129	2.81928992	4.04079191	3.22176473	3.82135638	4.98010136	4.83879749
0.5533676	0.71640521	1.84633817	1.78725606	1.04228407	1.33183829	0.40038755
2.11591248	1.20883053	2.16268849	2.22873696	2.82475375	1.28787782	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18992078	1.00E-04	2.24542909	2.3790903	2.44017378	2.39400986	1.00E-04
1.3447208	3.64936726	4.10192725	3.51873589	3.86330726	0.92751185	1.08092686
3.86037653	1.96662028	3.74361113	3.16506107	3.16078658	4.62603637	3.98068599
0.61016603	1.00E-04	0.54707081	0.35018995	1.89227337	1.15746526	1.54391513
2.69510447	2.17304217	3.03330649	2.96290222	3.89667492	1.00E-04	1.9297282
1.00E-04	1.00E-04	0.57844042	0.81246212	1.82048146	1.00E-04	1.00E-04
2.75824647	2.50450597	3.74017875	3.56983789	3.83582593	2.89529894	3.50670403
4.43216812	3.3260489	4.14514196	3.8991041	3.89975458	4.05687403	4.0949706
3.28305334	1.70186924	2.34219851	1.5610932	1.85518948	1.00E-04	2.08459988
0.10913195	1.00E-04	0.18002422	1.00E-04	0.10372144	0.95637875	1.00E-04
8.27701292	6.22289543	7.95448463	8.11642464	8.1803776	6.83024516	7.46412906
0.3987585	1.00E-04	1.53726855	2.23210385	1.46754917	2.52525158	2.81147019
3.51190666	3.83488006	4.78363025	4.32035162	4.45063597	4.50396068	4.08149378
0.71344849	0.96847026	0.47394669	0.19671959	0.16358717	1.4640464	1.51619488
0.44259422	1.00E-04	0.29588165	0.38706743	0.26666816	1.00E-04	0.97863975
2.57164381	1.00E-04	2.59678549	2.54975336	2.28673805	0.95102466	1.21902836
1.00E-04	1.00E-04	0.06287992	0.08823908	1.00E-04	1.00E-04	1.00E-04
2.41605809	1.00E-04	1.65520445	2.02409167	2.02134199	1.34744982	1.87123928
2.45634527	0.87456952	0.52226227	0.59366751	0.19056315	2.61746994	3.07643383
3.35865158	0.68407235	2.65748034	2.71200633	3.04532485	2.64870317	2.28695462
3.18916151	2.62286976	2.6510911	2.55658581	2.47116034	3.66228161	3.48075094
4.02349273	2.63397419	3.32027634	3.44906752	3.48989373	4.12878208	3.6599211
1.00E-04	1.00E-04	0.54526875	0.12271058	0.16978193	1.00E-04	1.00E-04
0.39429132	1.00E-04	0.4350567	0.15379267	0.13098198	1.00E-04	1.00E-04
2.89827316	2.95995556	3.22880617	3.59825535	3.55087421	1.25061534	1.10395061
1.00E-04	1.00E-04	0.20412013	1.00E-04	0.20495131	1.00E-04	1.00E-04
1.94781375	1.27635397	3.28400752	3.2987098	3.47930146	1.3518948	2.14767221
0.2509514	0.8339972	1.16111999	1.80670581	2.13688382	1.00E-04	1.00E-04
0.77028839	1.00E-04	0.40346668	0.34588145	0.21662696	1.00E-04	1.00E-04
2.89030673	2.67180048	3.14601933	3.01733062	3.10991417	3.62167449	3.8788625
0.12491829	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48576059	1.00E-04	1.00E-04	1.00E-04	0.11711669	1.00E-04	1.40124383
0.26841765	4.3364161	5.34487504	4.53967912	4.381661	1.00E-04	1.9014737
4.65560803	2.42301326	4.13124686	4.59005589	3.95987139	4.02688479	3.8642958
0.96968439	2.96753292	2.57016517	2.04978706	2.36325198	1.00E-04	1.00E-04
2.91934142	1.00E-04	2.05652687	2.26302294	2.18197555	0.88323491	1.70255421
1.4145752	1.00E-04	2.41243284	2.312301	2.24215464	1.12755498	1.00E-04
3.44791391	3.07140512	3.80197741	3.46931471	3.45235241	3.53711819	3.97763876
1.80615357	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.67002826	2.99988569	2.00350887	2.64205853	2.03718725	1.82468817	1.39021388
0.8526205	1.00E-04	1.04696245	1.31162111	1.72130815	0.94908439	1.00E-04
0.98944886	3.64948173	4.67638185	4.83514326	4.77266831	1.31151447	0.62168103

2.56943719	2.28376245	3.11058008	4.09472648	3.88708412	1.95491046	2.34875098
1.17430048	0.68407235	1.63450318	1.99302444	1.82522886	1.00E-04	1.00E-04
0.97949898	0.74506998	0.3827061	0.30784424	0.33115194	1.08793411	1.42211132
3.62200017	1.25509001	2.51314244	2.78910214	3.16222694	2.7636569	3.05781038
5.38896558	4.70483784	5.46778804	4.8284682	4.88903755	5.78571371	6.39286748
2.39488495	1.20118902	1.87680301	2.14497314	2.51987419	2.36110962	3.19758641
1.64284856	3.47536852	4.74180843	4.57399341	4.46607778	1.60882853	0.93074312
4.27997291	3.28081946	3.90623135	3.5719375	3.63575723	3.89962298	3.39800619
6.28848257	2.10736178	3.25605334	2.65719901	2.09764494	5.98406238	5.77546507
2.58978518	1.71195379	2.86325922	3.07633266	3.31059787	1.33183829	0.82486735
3.27305495	1.89368113	3.09978025	3.51617021	3.25145825	2.94379054	3.62044013
2.59859988	1.5722797	2.17741205	2.8969896	2.57000584	2.5638406	2.54598498
1.56127079	2.31191675	3.49247771	3.23666954	2.88728711	0.62567961	2.75386319
3.05125788	2.47910332	3.48056037	3.16967792	3.60662603	3.0070652	2.91114969
3.00487309	2.14164522	3.30866834	2.92534643	3.0652638	3.33772725	2.66480441
3.42973679	3.12249323	3.58372947	3.91406385	3.73161177	2.73118121	2.88335432
0.9064924	0.72877389	1.60274929	1.29654263	1.13379762	1.69443555	1.44307289
2.57300323	1.6405931	2.47410314	1.91379026	2.23951086	2.94832798	3.1864241
1.89118338	4.52878734	4.38630451	4.06283386	3.74137743	2.17614447	1.67556739
1.71259183	5.21435466	5.77900436	5.16594738	4.93602581	1.21290128	2.5252192
0.63940363	1.00E-04	1.06972969	1.69842019	1.93040622	1.63636708	1.77854924
1.94995611	2.58782178	1.33466132	1.78858281	2.20402107	2.52280581	2.25556638
2.66876601	1.59385356	2.27293054	2.46317969	2.47774729	1.30199498	2.11938005
0.24522927	1.00E-04	2.12153117	2.98571438	2.5059996	1.00E-04	0.94970493
4.551852	2.0603815	4.19571232	4.95652859	4.66399081	2.90629101	3.84581447
0.58641857	1.00E-04	0.29639428	1.00E-04	1.00E-04	1.00E-04	1.00E-04
7.42725068	1.21769093	3.34056801	3.13638153	3.43937888	4.8632116	5.09881686
4.19690277	3.51791272	4.19406136	3.7089578	3.59788859	4.88461947	4.57935452
2.72992029	1.15872716	2.55516076	2.43972506	2.36779903	3.04988563	2.29957838
2.71986773	1.28232395	3.20545854	2.65206727	2.86996398	3.20339048	3.40378175
1.00E-04	1.00E-04	0.73631986	0.06816182	1.5997343	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.7658058	2.73767473	1.75806756	1.85482379	1.12755498	1.00E-04
5.75536708	5.2860117	6.13558548	6.08042946	5.78092427	1.40510189	2.66078811
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1.47186722	1.88920944	1.89782433	1.33684239	2.23442084	1.51338149	2.60274097
2.70419365	1.87805748	2.62658335	3.57216069	3.01975198	2.52960965	3.09197563
4.02824697	3.59044711	2.78742502	3.65262878	3.97250959	2.21686519	3.2694508
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4.72418337	4.04874737	4.76273469	4.32456188	4.45133753	5.19549749	5.06916524
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5.0033031	4.99568716	5.78425176	5.35036385	5.55578627	4.44130817	4.69601214
3.03845669	0.72877389	1.994714	1.6311431	1.89946649	2.83546347	2.57333923

3.48278671	0.92068596	3.04699365	3.2972524	3.9424337	1.51669927	3.01614585
2.65387792	4.82919872	5.6078716	5.60285725	5.5711575	1.70593793	2.52802011
0.24663883	3.02487698	2.40780035	3.43403511	3.45392735	1.00E-04	1.00E-04
2.96216431	2.68231324	3.64531313	3.02145893	3.20744652	2.36221848	2.02855807
1.06651662	0.79637057	0.98791973	0.3494808	0.74881182	0.88297287	1.79920019
2.75582743	2.62844612	3.15284966	3.04160886	3.45402343	2.22661426	0.54053641
1.46320836	2.14286412	3.27252318	3.54470142	4.05179216	0.82693741	1.54624057
2.59319865	2.60400828	4.19257152	3.76910317	3.84947186	2.81294435	3.14000387
1.97981208	2.1020492	3.9646418	3.82737511	4.17304143	1.59881658	0.7179807
3.44217197	2.80315219	3.01613439	2.82206716	2.81574013	3.3117236	3.74619675
4.45548148	4.70935545	5.53287383	4.75138568	4.80238565	5.45477164	5.3863334
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1.00E-04	3.23279889	3.0985021	3.57780471	3.93778194	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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3.74980319	3.16157711	3.7647497	4.20865624	4.07825132	2.50588728	3.48415818
0.09976055	1.25402837	2.72351476	2.63797315	2.12094081	0.97058651	1.00E-04
3.62444095	2.36339914	3.78697527	3.52659611	3.90978955	2.15622827	2.19525873
0.8867042	3.41414596	3.99376979	4.09755642	3.99045629	0.84497321	0.97522957
3.76359638	1.96549193	3.30487221	3.78251996	3.42220685	3.06445971	3.30364898
5.65871532	4.32062846	5.05631754	4.72946735	4.97576699	6.17707675	5.97869528
4.0582244	0.8339972	2.55851939	2.19029809	1.73263958	2.03954421	3.27862515
4.11961766	3.09728004	0.72843549	1.52017711	1.55710724	3.13304967	3.25893663
2.61968235	1.19051366	2.09854825	2.45476231	2.16335857	2.04722058	1.51648201
3.71798117	2.17598933	3.61907002	4.05664769	3.64364691	3.29270262	3.03298746
2.69857941	1.00E-04	2.20904498	2.10896186	2.10942063	2.50862103	1.86464105
0.65195798	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.69500242
2.46059766	1.00E-04	1.81620094	1.97459266	1.83911138	2.56518947	1.49468295
3.32201189	0.87612072	2.99944272	2.86724283	2.60753203	3.61533355	2.77362254
2.56429095	0.8339972	2.25239312	2.87177689	2.26789766	1.00E-04	2.4038574
3.43936181	2.17577649	2.32428703	2.71621711	2.23009272	1.33382075	3.04959656
5.88925139	0.8358776	2.42215685	2.28229659	3.09226238	1.05970842	1.31192343
2.69410726	2.91856331	2.19291364	2.17666251	2.64412215	5.22592013	4.71833199
6.10846636	4.53300037	5.09743484	4.56971868	4.82099607	7.35734762	7.65861659
4.00837591	1.00E-04	3.95814783	4.84596942	4.13904902	2.08340204	2.73390284
3.67738877	4.9850192	5.25617866	4.84748778	4.71278317	4.20995243	4.3281804
0.58195222	1.00E-04	1.00E-04	0.14107641	1.00E-04	1.00E-04	1.00E-04
3.85631585	3.53997849	2.89316075	2.53695122	2.72942772	3.25168409	3.59204275
2.63365853	0.74506998	1.78956109	2.03083976	1.31003108	1.26031085	0.82486735
4.21557734	3.56669668	3.96016652	3.52871742	3.79725892	4.21472297	4.45368898
0.41728723	2.48996106	3.59199428	3.31838329	3.44170966	1.58630913	1.00E-04
1.00E-04	1.00E-04	0.19544169	0.89857632	1.00E-04	1.00E-04	1.00E-04
2.53866227	1.2795411	1.65783876	1.6563543	2.38749146	2.07559865	2.13014313

3.63441965	3.52869265	4.43125937	4.42920354	4.19442533	4.66738504	4.1907086
0.38906488	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.64488225	2.59456879	3.41047407	2.91038203	3.15165152	1.00E-04	1.00E-04
3.7851602	2.77361203	3.49956108	3.51523266	3.64320341	3.84519135	4.13225685
3.72467392	3.11608813	3.41069523	3.79774401	3.83130921	3.37863554	3.54727443
2.24238507	2.4328452	2.58056725	2.58311021	2.17074091	1.00E-04	1.12271955
2.70471111	1.92803921	3.41910567	3.32917497	3.26740329	3.74886302	3.4108655
5.04459531	3.77560883	4.9474605	4.760809	4.82381213	5.20685937	5.07833657
3.01853253	1.66601981	2.64410287	2.18334419	2.48430611	3.7858291	3.52069516
1.00E-04	1.00E-04	0.88190417	0.34790112	0.15653713	1.00E-04	1.10151682
0.73588957	2.18367164	2.74477275	2.10550258	2.68384365	1.00E-04	1.00E-04
3.60070105	2.3827289	3.02619814	2.70226198	2.29570895	3.53458457	4.03979329
2.52896427	1.84408222	1.76706788	2.47998728	1.43305476	3.31720579	2.6184407
2.53320819	1.15872716	1.62289133	1.47982923	1.42017483	2.67376531	3.18936538
1.96537391	1.00E-04	1.59243042	2.11792178	2.58083453	1.00E-04	2.24286708
2.83767614	2.14281115	3.02645702	3.16212626	2.87000627	3.2878819	2.72798927
2.73282823	1.00E-04	1.60569496	2.79913391	3.16898983	2.62354046	2.72026587
0.11393665	1.00E-04	0.4657204	0.09296692	1.00E-04	1.00E-04	1.00E-04
0.59300981	3.71603506	3.2934899	2.69870804	2.37967574	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.79252492	0.14009469	0.15290548	1.00E-04	1.00E-04
5.03215949	3.79727686	4.62170031	4.1522417	4.06619088	5.60170551	5.45321209
1.11184674	0.7902481	1.49300443	1.02606674	0.94920134	1.50153526	1.502599
3.70755698	2.30071408	3.01905457	3.60664207	2.89199128	2.38170969	3.54319357
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16417539	1.00E-04	1.00E-04	1.00E-04	0.14410425	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61874693	1.00E-04	1.03469013	0.84757377	1.07195219	2.00878012	0.96574609
0.50541311	1.00E-04	1.00E-04	0.07375842	1.00E-04	1.37648376	0.81996147
3.73208841	6.69690254	7.38119452	6.53202075	6.55233616	1.00E-04	2.80468006
2.98742498	1.00E-04	0.39997427	0.27615182	1.00E-04	2.96386855	1.749503
1.47771449	3.17062443	3.98487796	3.54358062	3.30639565	1.00E-04	1.78533846
2.12451192	1.00E-04	1.13430449	1.41376167	1.37147125	1.00E-04	1.36263419
1.00E-04	0.69779233	2.38796803	3.01431368	2.60622394	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65195798	1.45480715	0.89341484	0.78079002	0.82446259	1.00E-04	1.00E-04
1.63399885	1.00E-04	0.62749284	0.97194333	0.65569851	1.00E-04	1.40124383
0.9636102	1.00E-04	0.50726711	0.7721188	0.51651334	1.00E-04	1.00E-04
3.20923016	1.00E-04	0.78937065	1.36837518	0.87115147	1.53862579	1.98890415
1.93527277	1.00E-04	1.17401853	1.21105762	1.50227096	1.00E-04	1.61936904
4.16406567	3.24902023	3.92230979	5.28208585	5.19151508	2.888181	3.01151451
2.607176	1.00E-04	1.40351154	2.69050672	1.84901716	1.8638326	0.82486735
1.00E-04	1.00E-04	0.52758426	1.33313926	0.18101271	1.00E-04	1.00E-04
3.8337839	2.22702712	2.9864591	3.10124266	3.25397428	3.34019433	3.7304147

1.00E-04	1.91757706	2.72548922	1.96181002	2.12635398	1.00E-04	1.00E-04
3.48040812	1.00E-04	0.81121253	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45383021	1.00E-04	0.3649813	0.21226141	0.3706408	1.00E-04	1.53943928
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93533098	1.00E-04	0.20709249	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64797533	1.00E-04	1.05388443	0.93578984	1.59712673	1.00E-04	1.93830167
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.95644887	1.54125017
4.48925252	1.70992982	3.48349522	3.86251178	4.29707723	5.07280663	5.2360455
4.64308896	1.9422996	3.64358596	4.77964517	4.38502004	2.62192036	2.89171472
1.00E-04	1.00E-04	0.1873579	0.15975889	0.22562086	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.70008869	0.67104373	0.79430656	1.37463684	0.62168103
1.00E-04	1.00E-04	0.23099944	0.39321448	0.65936167	1.00E-04	1.00E-04
0.11393665	3.56044204	4.31734601	3.18281744	3.42316091	1.00E-04	1.00E-04
3.82330004	1.00E-04	1.18693049	1.12151074	0.89544295	3.18850875	3.73105957
3.65943796	2.75368166	3.18483041	2.94341075	2.93149095	3.82455213	3.40991752
4.07141427	2.78522218	3.42127652	2.80443007	2.90248325	5.37227332	5.29404311
1.78790264	3.0335563	3.42920917	3.47185421	3.49860798	1.65701268	1.15573112
3.77819002	2.72828173	3.56147078	3.15437539	3.56307098	4.33244397	4.12453461
4.63501738	3.43843125	3.56477246	3.5762222	3.71144884	4.56771687	4.48679146
4.3689174	2.46693661	4.12450993	4.19896218	4.24101354	3.85772966	4.33246481
3.79181368	2.76831136	2.84750738	3.64410668	2.91081366	1.72940334	1.00E-04
3.43662479	1.31600343	2.10577574	1.37274216	1.58539093	3.71213079	3.5438559
5.09122764	3.70177488	3.39633137	4.06343591	3.96931343	5.40770379	5.53270916
3.55278449	1.48759491	3.41444584	2.99549379	2.99342819	3.32118223	3.6472351
3.97554271	1.91163351	3.74458106	3.63165945	3.490307	4.08369707	3.74262188
5.51585643	0.69779233	2.9938642	2.31441733	1.61621133	3.91515453	3.5498347
0.55370641	0.74506998	0.78644766	1.55145066	1.35541845	1.00E-04	1.00E-04
6.08265702	4.69858649	5.46507612	5.08555451	5.20698212	6.37178165	6.52598839
1.00E-04	1.00E-04	0.19159103	0.31966573	0.77636269	1.00E-04	1.26435967
0.29420026	1.00E-04	0.88186401	0.94022101	0.6790515	0.77429742	1.00E-04
1.73736131	1.3348453	2.86098447	2.50344608	2.14698066	1.69932729	2.12802062
2.79300893	1.45716008	2.88950592	3.37684548	3.34705006	2.14825624	2.86458596
1.00E-04	1.00E-04	0.28246005	1.00E-04	0.127027	1.00E-04	1.00E-04
5.94788374	1.00E-04	0.98399084	1.38108682	0.33590073	2.3843249	1.9634791
3.00655389	1.70757321	1.96848633	1.91797667	2.46429933	3.48378424	3.07125224
3.61314668	1.4339196	2.67146545	3.02992311	2.78682923	3.72821476	3.68717486
5.82859084	1.2596863	2.89603982	3.2335999	2.52231343	1.68080356	1.44586686
4.78188701	2.22682061	4.54005208	5.21929573	4.99055283	2.90030083	3.35329229
5.1309721	1.2269695	3.00783831	3.69149398	4.03895712	2.70000066	3.60482398
0.85198019	1.00E-04	0.27180703	1.41325694	0.10423273	1.00E-04	1.00E-04
2.71548838	1.00E-04	2.41748703	2.54405567	2.59842964	1.68913856	1.22697765
3.22298919	1.66873925	2.92935649	3.22536859	3.42334252	2.64383533	3.01957344
4.08454577	2.16154653	3.36844796	2.86787133	3.35125376	3.01750265	3.53476707

3.13248158	2.53303434	3.86357107	4.28647952	3.95874501	3.39215971	3.54667306
2.87327536	2.84173535	4.53726543	4.84060353	4.83225349	2.32051646	2.68245974
2.64609978	1.31921957	2.78708544	2.61481917	2.81669911	1.98059471	3.10937725
0.20130892	1.00E-04	0.3681503	0.12615384	0.51728888	1.00E-04	1.00E-04
2.6393567	1.3386578	1.12916785	1.45152673	1.92906629	1.17311561	1.00E-04
2.64873583	1.54457969	2.44356037	2.03845796	2.60274072	2.38331204	1.56513804
1.00E-04	1.00E-04	0.0779111	1.00E-04	0.13992338	0.97412898	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.09587477	3.53863793	4.48988914	4.55973426	4.36630228	5.13092282	5.32579934
1.00E-04	2.12091322	2.67544511	2.05000956	1.90013313	1.00E-04	1.00E-04
0.38518406	1.61300438	1.73400778	1.14973989	1.28419527	1.00E-04	1.00E-04
1.00E-04	1.78490214	3.22833865	1.77059926	2.72041749	1.00E-04	1.00E-04
0.82179821	1.00E-04	0.0575112	1.00E-04	0.26815724	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18893912	0.07577735	0.58926202	1.00E-04	1.00E-04
0.37667805	1.00E-04	1.1621425	0.07488174	1.00E-04	2.79161719	1.67127071
1.00E-04	1.00E-04	1.00E-04	0.09790117	1.00E-04	1.00E-04	0.93074312
4.91432975	3.83272993	5.04343379	4.28282199	4.25397544	4.75095439	5.16421406
2.07133327	7.72258586	6.74769512	6.66946692	6.40695501	3.50950076	1.85532139
5.52541095	4.32453945	5.22775012	4.6051185	4.82335748	4.86310877	5.30033682
1.60117665	1.00E-04	1.85875457	1.11672392	1.42834997	1.9961843	0.94049808
6.02511068	7.33733053	6.60020012	6.70848149	7.47325499	7.00517741	6.7361665
0.06765176	1.00E-04	0.91670959	0.48727165	0.91531241	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.94435091	2.62174837	4.14672029	4.01061299	4.01299667	3.25612485	2.92187012
2.84393246	1.00E-04	2.35875541	1.78520341	2.53214517	2.04516422	2.73191667
3.54182759	2.76760333	3.40537752	3.68410455	3.7189981	3.79909555	2.84700657
1.78562875	2.20401314	3.34682637	3.8824236	3.70675511	0.9513318	2.03466295
3.7697358	2.15551133	3.33118223	3.89922429	4.35353629	4.23853971	3.92832266
2.50238277	2.72646486	1.41778871	0.2247026	2.05684826	2.17661231	1.97577847
2.61571475	2.76899378	2.68097099	2.12336103	1.88565563	2.89613079	1.72096797
2.45815641	1.00E-04	1.65327468	2.55169704	2.36323574	1.88915091	2.71987075
4.96390827	3.53186033	4.40232287	4.26940767	4.02691847	4.47315861	4.7217613
1.00E-04	0.7902481	0.48039281	0.76526998	0.66740042	1.00E-04	1.00E-04
1.70112904	0.68407235	1.99875518	2.80892993	2.46693399	1.00E-04	0.94970493
3.69175282	1.25509001	2.7760175	3.38352336	3.72997391	2.29421045	1.89177876
2.60953875	1.2795411	3.47338019	3.88879099	3.91513278	1.82876759	1.72491267
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.36824649	1.3484342	2.48115421	2.5432359	2.54719595	2.90823056	1.55522104
2.38778551	1.15872716	0.85107881	0.7308128	1.01795229	2.3141762	3.0524986
4.8955322	3.09029733	3.51598489	2.98375383	3.3118693	3.68377595	4.09164885
2.89512597	3.63559614	1.75587454	2.38654077	2.44666397	1.51042251	0.7040554
3.0470162	1.54508764	2.28896156	3.25181636	3.07960265	1.26179129	1.67544513

2.99044949	1.64423396	3.05054009	3.02506209	3.73565306	1.30272122	2.96666105
2.31849913	0.72877389	1.60770294	2.10756449	1.76280667	1.84853886	0.93566237
3.68996873	1.82011809	3.40497446	3.30214776	3.73111558	2.33682774	2.7689254
1.00E-04	1.00E-04	0.7245376	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70453025	1.00E-04	1.26957708	2.1330192	2.70704966	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.34083743	1.7921168	2.32798045	1.51466597	1.30645273	2.15028014	0.54053641
3.05704517	1.00E-04	2.52973158	2.58457496	3.26371573	2.6656628	3.19971788
5.90814387	4.55077094	5.4713448	5.28004441	5.13775796	6.12575085	6.00418539
5.30152437	4.26358365	5.05627717	4.46553014	4.66436879	5.75668892	5.87553586
3.20315494	2.31410399	3.04263228	3.01950362	2.86292389	3.07938253	3.55575963
3.42654017	3.49982856	3.138559	3.10157595	3.3090164	3.36109146	3.0528237
3.33771618	2.33211965	3.86075719	3.39851194	3.30226309	3.44868373	3.39756185
1.02749577	1.56839355	2.16665125	1.4867829	2.36242541	1.63720613	2.14571998
3.61657322	2.48426228	2.83761759	3.15746278	3.34454112	3.72724342	3.08317369
4.15737755	2.79538573	3.72075497	3.51996338	3.81402577	4.33580205	4.07661523
4.68617824	3.87717442	4.28012465	4.09283874	4.28216574	4.2049173	4.54822649
3.69644263	1.88253696	3.34879903	3.58639651	3.55253085	3.26238816	3.7317892
1.65721056	3.16920913	2.79353549	3.24479845	3.6357639	1.00E-04	1.00E-04
5.15511845	4.02952902	5.01035984	4.4710818	4.48508157	5.46561127	5.65822635
4.79991788	2.55761837	4.07737107	4.34465692	4.09211398	4.31883675	4.78534108
3.23098989	2.2455209	3.21269299	3.14653225	3.18979112	3.23382089	3.48792994
4.52743662	2.63985809	3.44474821	3.07155048	3.25688708	4.27331339	4.13923348
1.00E-04	1.00E-04	0.06287992	0.11567939	0.21894683	1.00E-04	1.00E-04
3.1049758	3.53901616	3.39307773	3.15615131	2.85854176	4.02019029	3.96901152
2.77460609	2.77336976	2.83087829	2.74833055	2.26541246	2.45950188	2.54078857
5.02555262	3.98760489	4.97677397	5.92392456	5.46002407	2.92006898	3.65896122
3.59895976	3.23423455	3.08815933	3.52241313	3.29221436	2.58855963	2.77048045
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.59487839	0.07209144	0.12129306	0.38144943	1.00E-04	1.00E-04
0.76948452	1.00E-04	0.15450048	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.5113679	0.18850355	0.12792029	1.42519516	1.00E-04
2.11816302	1.28232395	1.44106649	0.62243413	2.49317364	1.00E-04	1.84891272
3.27047728	1.45177834	2.73578561	3.26066909	2.42309712	2.1250807	2.57797677
4.48107646	3.01420288	4.06589989	4.73287111	4.54292277	3.32079577	3.32187689
3.2216715	3.67074428	2.8442935	2.99349387	3.67701761	1.7797779	3.07913481
2.93233507	2.31817258	2.94436292	3.04779003	2.84708896	3.5534101	2.8745215
3.67203825	1.00E-04	2.9166836	3.66609909	3.65412902	2.60661823	3.41999919
2.47562079	1.00E-04	1.9101534	1.6183119	1.76495095	1.99647239	2.46689653
2.16802892	1.21640771	2.64002007	1.7093267	1.96505417	1.86502808	1.80999199

1.51235224	3.15008949	1.1152404	0.47608329	0.32260845	2.02163466	0.49725191
0.51984414	1.00E-04	1.00E-04	0.16195101	1.33515345	1.00E-04	0.93074312
5.20926137	4.02946015	4.75657158	4.45937584	4.61850405	5.44674633	5.45130622
4.20641929	2.70030482	3.68834149	3.05547888	3.48368473	4.53532569	4.51129898
3.04382117	3.40576067	4.54040847	4.91797248	5.10518684	0.81261445	2.55817981
3.733404	1.75628486	3.26240475	3.00700057	3.51289903	3.66846519	4.05090086
4.24234047	3.81429313	4.55199087	4.72728404	4.7719222	3.45076292	3.84832212
0.1494006	1.00E-04	0.17222651	1.00E-04	0.17713548	1.00E-04	1.00E-04
1.33276222	0.71640521	1.95360413	1.82596742	1.5041879	1.00E-04	1.00E-04
0.87233483	1.00E-04	0.46390166	0.11808269	1.38781291	2.08696508	1.74385052
4.61590223	2.46221497	4.62755483	4.40269219	4.53103824	3.92570548	4.07502579
1.00E-04	1.00E-04	0.09115872	1.00E-04	0.12391687	1.00E-04	1.00E-04
5.03867977	4.44371085	4.42870209	3.66443278	3.91613601	4.87122692	4.54805357
4.48026007	3.62126989	3.83082965	3.8986585	3.96967409	4.4900317	4.39399046
4.09306031	2.39510718	3.69598565	3.39325694	3.46750395	4.44634393	4.44223924
2.28558817	4.37972409	2.8652535	2.73902881	2.01450511	5.917522	5.97918174
1.00E-04	2.69293501	3.92250005	3.74789185	3.29441875	1.00E-04	1.00E-04
0.52891286	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51315514	1.11722896	2.29966678	1.97553725	1.95506251	1.95685429	2.46224346
3.50277337	2.56105496	2.78386027	3.18238148	2.86926853	2.12915553	2.99430037
4.51229712	3.43907514	4.40959946	3.9353857	3.66152581	2.64057757	2.92985302
2.95450363	0.87612072	2.54623385	3.42770236	3.15244269	2.32674338	3.05821539
4.58079276	2.88560909	3.97587245	3.94148368	3.92472714	4.59230505	4.6165705
5.78933621	5.76603278	6.7636467	5.92110455	6.06716041	6.07454253	6.27031285
1.00E-04	2.14425208	3.7458768	3.3270626	2.94650646	1.00E-04	1.00E-04
2.30383775	0.68407235	3.09357559	3.27449823	2.9038555	1.6485068	2.48977482
5.05095501	3.35321155	4.08755316	5.09396374	4.95479945	3.57611662	3.59503537
3.96911471	1.00E-04	3.7353986	4.03961856	3.9397984	3.68566963	3.71941278
5.88194416	3.01479979	3.80503318	4.94791968	4.70138832	5.11372397	5.34118885
5.50874509	3.38975332	4.05968027	4.70911629	4.68520126	3.62746594	3.13091338
2.54149464	2.5789866	2.28922624	2.37295469	3.55088963	2.22647769	2.66934868
0.57584041	0.8358776	1.88941538	2.05173885	2.41781831	1.00E-04	1.00E-04
4.19013276	1.2795411	2.49467678	2.48992447	3.08275134	1.38951674	1.74028936
4.14441051	1.00E-04	0.06586442	0.10897151	0.13631278	2.38265682	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.93640035	1.19051366	2.96026419	2.82179948	3.03988784	3.6122438	4.20657995
3.81651193	1.63872343	2.73890891	2.23924333	2.47131926	2.45599005	1.46938044
3.81745441	1.00E-04	3.23706269	2.77698678	2.8194444	4.11820231	4.29020118
3.06629466	1.08649412	2.6226557	1.38312252	2.69599846	3.38155251	3.10398405
1.9163002	1.66338358	1.26214539	1.38703433	0.96320715	2.14915757	1.4233605
0.1136802	1.00E-04	1.33045497	0.20877424	1.00E-04	1.00E-04	1.00E-04
4.33084757	4.28725553	5.13518157	4.29013106	4.54729752	4.73603403	5.12527211
0.7749167	1.00E-04	1.2485917	0.92279529	2.5194576	1.00E-04	0.316869

2.14025878	1.00E-04	0.90654342	0.35427095	1.7541977	1.00E-04	1.00E-04
3.61428504	2.99552048	3.05571467	2.95638099	3.1917911	3.29454154	3.05878089
2.75140749	1.23797603	3.01028425	2.31341971	2.39515974	2.59002764	2.34482874
4.04641953	3.62455388	4.00818485	4.57482733	4.0932291	3.42215326	3.97681104
3.70334379	2.50026053	4.06103697	4.34948082	4.62407683	2.58850353	2.23568402
0.55693071	0.68407235	0.51899642	0.55132107	0.66954843	1.00E-04	1.00E-04
1.28409074	1.00E-04	1.11947915	1.31303231	1.36073619	3.19850194	2.87511763
4.85029502	3.94287314	4.11505151	4.52207494	4.57045397	4.30242895	4.65290429
4.15406805	3.37862529	4.39138628	4.70410989	4.44602972	3.81718392	3.57816195
0.71679372	1.00E-04	0.26145124	0.59122829	0.28550196	1.00E-04	1.00E-04
3.46984204	4.7085306	4.80225697	4.28673759	4.37860419	4.17872143	3.63260117
1.00E-04	1.00E-04	0.12682214	0.73495466	0.32861131	1.00E-04	1.00E-04
0.38734761	1.00E-04	0.14749497	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12636275	1.00E-04	0.33688979	0.23348182	1.00E-04	0.83083207	1.38038395
3.91461966	2.15463014	3.6802877	4.12733203	3.91989217	3.46913019	3.60643182
2.28563685	1.2795411	2.43698639	2.74826945	3.29424707	1.18461704	0.89095421
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73338942	3.21537384	5.04809836	5.84829086	6.00639446	1.00E-04	1.00E-04
1.1876534	3.30698822	4.29089557	4.22564746	4.00462989	1.00E-04	1.00E-04
0.8722721	3.65611497	5.19483141	5.7336984	5.92527798	1.00E-04	1.1853365
1.83217115	1.14856053	2.30021634	3.10307151	2.72079156	1.00E-04	1.37041131
0.36611105	1.00E-04	0.86147052	1.00E-04	0.52277029	1.00E-04	1.00E-04
1.00E-04	0.7902481	0.62236516	0.4866302	1.00E-04	1.00E-04	1.00E-04
3.61552971	1.14856053	2.47826462	2.49775514	2.35453866	3.1468473	3.25001324
0.24286172	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38600331	1.00E-04	3.05606258	3.21790816	3.48231644	2.26683321	2.46155495
2.66979463	0.72877389	1.71070264	1.27371748	1.23880898	3.03394889	1.98614979
3.05704208	1.80634889	3.10974816	2.61971329	2.86447367	2.05862381	3.69619542
3.35971589	2.66707091	2.52297815	1.90892197	2.43959504	2.23881928	2.37406005
1.00E-04	1.00E-04	0.0759014	1.00E-04	0.41196673	1.00E-04	1.00E-04
2.47307404	0.68407235	2.1963727	1.76473815	1.39032877	1.57654945	2.13095414
4.50990245	2.47746103	3.59100145	4.01106351	3.96167136	3.41420446	3.05924607
3.43162142	1.7757342	3.04768572	3.33872449	3.09710361	2.82790771	3.23593039
1.00E-04	1.00E-04	0.12268675	1.00E-04	0.18609755	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22816858	1.12950432	2.33486873	1.72000591	2.07755185	1.00E-04	1.00E-04
5.27286682	2.11688982	3.7948787	4.75482338	4.69157762	3.30679064	3.68250622
0.64918019	1.00E-04	0.2024897	0.3491076	0.48454117	1.00E-04	1.00E-04
0.28223677	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46517855
3.39407671	1.58349345	2.44781845	2.71148327	2.5812638	3.27575786	3.06379592
2.11438022	0.87456952	2.60274949	2.37263059	1.15570054	2.45039124	2.49444398
0.6216032	1.00E-04	0.15720559	1.00E-04	0.14410425	1.00E-04	1.31799764
2.93916509	1.00E-04	1.89975726	2.75798622	2.09971157	1.6597909	2.24239734

1.00E-04	1.00E-04	0.50157841	0.23846698	0.42461789	1.00E-04	1.00E-04
4.81395966	1.33386508	3.35353665	3.41867786	3.17233291	2.15221311	1.27802218
0.38770915	1.00E-04	0.11438496	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35510128	0.07008263	1.00E-04	1.00E-04	1.00E-04
2.38423958	1.16296659	2.08167054	2.38263418	2.38809295	2.43698066	1.57355223
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75481457	1.00E-04	1.00E-04
3.99354152	2.09653401	2.75157045	3.12051402	3.05417802	4.15531425	3.48098488
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14744713	0.46029024	1.00E-04
1.75342972	1.00E-04	0.87123191	0.66982022	0.4353728	1.25338459	1.45962315
2.09072169	1.77788436	3.4524779	3.4572603	3.37240658	1.80434533	1.07137682
1.00E-04	1.00E-04	0.49939319	1.00E-04	1.00E-04	1.00E-04	1.153275
0.09976055	3.25779325	3.61869295	4.93472991	5.27665925	1.31151447	1.89030526
2.84704615	1.13651828	2.31987748	1.83870413	1.7633251	2.22806023	2.31522893
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.14842633	2.00751925	2.75257401	3.07481028	3.38748838	3.1484407	3.02504854
0.5809215	3.27436463	3.43073728	3.30122908	3.19271017	1.00E-04	1.00E-04
2.13038515	1.00E-04	2.09054489	1.89202936	1.9755387	1.00E-04	2.29265709
1.00E-04	1.00E-04	1.85379286	1.11000612	2.1545253	1.00E-04	1.00E-04
1.00E-04	2.41441511	3.55821178	3.84505682	3.62028434	1.00E-04	1.00E-04
0.81002756	0.69779233	1.13792401	0.73849507	1.95599034	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10372768	0.08852014	1.00E-04	1.00E-04	1.00E-04
1.67460954	3.03977637	3.95967518	3.92562382	3.82796696	1.00E-04	1.00E-04
0.92371211	1.00E-04	1.97998757	1.29208968	1.78975955	1.00E-04	1.00E-04
1.89433985	1.21401935	2.26702168	2.39172032	3.00911552	0.62567961	1.94780236
1.00E-04	1.89691666	3.11192693	3.70723151	3.45671982	1.00E-04	1.00E-04
2.51327833	0.87456952	1.14614975	2.20484818	1.77286873	1.00E-04	2.3643749
0.07341779	1.52102673	0.36749765	0.2195842	0.4166577	1.00E-04	1.00E-04
0.41113206	1.00E-04	0.15485705	0.11095817	0.22314105	1.00E-04	1.00E-04
0.12230228	1.00E-04	0.15920406	0.724853	0.3546047	1.00E-04	1.00E-04
4.46572156	4.85856686	5.59312009	4.95424623	4.93483256	4.38357867	4.41740195
1.09521942	1.5722797	3.544845	4.14352736	3.88223582	1.00E-04	1.22697765
0.81046105	0.7902481	0.82917791	1.5221215	2.41338159	1.00E-04	1.00E-04
2.40021443	1.28532547	1.90219921	1.58042871	1.65459434	1.92570031	2.68145859
4.38354441	3.47839766	4.38332215	4.80327287	4.77101703	3.60783386	3.8647353
3.93430424	0.74506998	1.75814381	1.28519621	1.74789466	3.04053718	3.71056874
2.38430745	0.68407235	1.97861993	3.00040703	1.99021179	1.71523041	0.94970493
1.35689127	0.74506998	1.70896649	2.85741511	2.1806894	1.00E-04	0.89038937
0.71701448	3.25657988	3.76753328	3.70664252	3.66898086	1.00E-04	1.00E-04
3.35903818	3.77127472	4.81432897	4.39815616	4.36753352	3.82217338	3.70398571
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58968803	4.85015717	5.89137606	6.47579199	6.34687943	1.00E-04	2.89316799
0.3904913	1.2795411	1.22439912	1.18339249	0.86563195	1.00E-04	2.11779599
0.61093019	1.55094623	2.42653671	2.37430468	1.98356512	1.00E-04	1.09929142

1.35729509	1.00E-04	1.03765572	1.37239745	0.62198724	1.00E-04	1.67693828
0.53066354	1.00E-04	1.00E-04	1.00E-04	0.39580902	1.00E-04	1.00E-04
0.52120562	2.42933121	4.14188882	4.81092156	4.90101413	1.00E-04	1.36514787
0.61279212	0.71640521	0.54267439	0.33363901	1.00E-04	1.00E-04	1.00E-04
1.58088288	4.78894628	5.47232635	6.40628816	6.1867223	1.00E-04	0.7214142
0.17385489	1.00E-04	0.26370136	0.33523967	0.75281199	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23091188	0.11808269	1.00E-04	1.00E-04	1.45670916
1.00E-04	3.91014068	5.2949132	5.40659086	5.29108315	1.00E-04	1.65792662
1.2314767	1.00E-04	0.07655967	0.1318993	1.00E-04	1.32413304	1.00E-04
0.54868433	1.1377045	1.77070153	0.91380895	0.97467698	1.00E-04	0.316869
0.17643459	1.00E-04	1.00E-04	0.22867154	0.34397963	1.00E-04	1.00E-04
4.00317152	3.54765917	3.7819868	4.28191472	4.2903801	1.64160005	2.72641539
0.84985457	1.00E-04	0.45857321	1.00E-04	0.299447	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1688537	2.92624624	4.5669011	5.40735899	5.63720656	2.21479269	2.66705042
2.23898345	1.00E-04	0.49244414	0.313424	0.77375144	1.12755498	1.33070969
0.06718044	1.00E-04	0.33579299	1.07803263	0.23379341	1.00E-04	0.81996147
0.36834357	2.26243035	3.35063325	3.31491197	3.23536384	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1213016	0.09863458	1.00E-04	1.00E-04
1.55442352	1.09568947	1.61895582	2.38860533	2.66387237	1.00E-04	1.00E-04
4.2176656	2.18017806	3.32149172	3.58742167	3.53616592	3.82000622	3.53737153
3.64864743	2.17133475	3.32236144	3.11372326	3.16817856	3.54113514	3.65014489
1.00E-04	0.74506998	0.6809814	1.22984137	0.23302499	1.00E-04	1.00E-04
0.61155581	1.00E-04	0.49769739	0.3183247	0.56139799	1.00E-04	1.00E-04
0.53048177	1.00E-04	0.35879561	0.75556867	0.41547476	1.00E-04	1.10457566
1.33518693	1.00E-04	0.11837368	0.2116868	0.11639204	1.00E-04	1.00E-04
3.56120551	1.6764214	2.46983143	3.4132356	3.08541531	2.06720146	2.50418425
0.69544383	1.00E-04	1.00E-04	1.00E-04	0.3973058	1.00E-04	1.00E-04
0.54086871	0.8358776	1.75279368	0.78310178	1.2121545	1.00E-04	2.50978025
1.18580169	0.87612072	2.59152458	2.83303836	2.5309101	1.2755735	0.7551454
3.44130104	0.87612072	2.32164032	2.27649125	2.67570296	2.45421806	2.38415855
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9559646	1.00E-04
3.784227	1.00E-04	2.60187323	3.15853415	3.06845086	0.82884172	2.23061202
1.67635032	1.00E-04	2.1690212	1.52755019	1.74006043	1.77910602	2.02055967
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64989196	1.00E-04	0.38001395	1.00E-04	0.18101271	1.00E-04	1.00E-04
3.27352797	2.98685023	2.73880029	2.34752828	2.24849449	2.84232941	2.16345039
0.92230356	2.69227048	3.79596848	4.19397499	4.05519576	1.00E-04	1.45670916
1.00E-04	1.00E-04	1.00E-04	0.16402094	1.00E-04	1.00E-04	1.00E-04
1.75260041	1.00E-04	0.12884962	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06880281	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48699939	1.00E-04	0.22567661	1.00E-04	1.00E-04	2.31059898	2.14997519
2.89418079	1.86487433	2.06717781	2.61960419	2.81831883	1.8721725	2.63927883

4.54463215	3.40322489	3.64875965	2.96313133	3.44396558	4.66730959	4.66551012
3.93965514	2.26916122	3.99838493	4.73395434	4.68791254	1.48956904	2.36679831
1.46328453	1.00E-04	0.173833	0.15911815	0.18750702	1.70412833	0.7179807
1.00E-04	1.00E-04	0.09020196	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54357362	1.00E-04	1.00E-04
3.03488498	1.37027069	2.13101791	2.42509067	2.39796889	2.23163708	2.77885246
3.92345244	1.75455336	3.32187868	3.68956683	3.38036273	3.3806411	2.34690232
3.1676842	1.00E-04	2.40668311	3.0179925	2.5203964	0.86319656	2.43657045
0.86994616	3.34240738	4.20006558	4.81402724	4.59779717	0.86319656	0.316869
2.16229047	0.72877389	1.05002927	2.1483373	1.81432476	1.00E-04	1.35787171
1.42182975	1.43063249	2.03327675	1.96617083	1.57968346	1.99507844	1.00E-04
2.4303636	1.15660655	2.39515948	1.7833236	1.93669843	2.32333488	1.15481875
4.57717813	3.47537565	4.12748841	4.66047645	4.38325467	2.8947301	3.1070328
1.43563812	1.00E-04	1.51069254	1.36350268	0.86733549	1.00E-04	1.00E-04
1.65848931	1.00E-04	1.42761955	1.77684423	0.71903434	1.00E-04	2.52161919
3.38317782	0.69779233	3.61176198	2.4101611	3.38838075	2.76351013	3.7657835
0.49969646	1.00E-04	1.00E-04	0.09142772	0.10294237	1.00E-04	1.00E-04
1.86821344	1.00E-04	1.90381835	1.61653153	1.20291647	1.93944621	2.04222171
1.69815132	1.00E-04	0.15798137	1.18000673	0.61605508	1.00E-04	1.00E-04
0.06759249	1.00E-04	0.08971332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.72264269	1.50104261	3.45274789	3.65586842	3.90923823	2.91943678	3.00559011
4.88902148	3.48309442	3.60354481	3.30135401	3.63443922	5.06419055	5.09737472
2.18679544	1.10823044	2.65440787	2.87330492	2.41165673	0.94908439	0.82486735
0.85191856	1.00E-04	0.80530385	1.11402297	1.79382035	1.00E-04	1.00E-04
1.87374965	3.63539632	3.07095801	2.88599692	2.29786318	1.67015088	1.18453576
1.00E-04	1.00E-04	0.22674473	1.00E-04	0.32832759	0.72869785	1.65440334
1.78026457	1.00E-04	2.3022612	1.47146943	1.6071978	0.96274275	2.17804062
2.99866719	1.00E-04	1.1889882	1.34062534	1.23254228	2.92057816	2.58270647
1.00E-04	1.00E-04	0.60111951	0.57115442	0.14455498	1.00E-04	1.00E-04
1.00E-04	2.13136022	3.00072184	2.98713107	3.23026527	1.00E-04	1.00E-04
3.32003419	2.01793401	3.30450388	3.92227104	3.68396369	2.03694505	1.84297484
2.44735835	1.87805748	1.78411466	2.03670082	2.65617428	1.00E-04	1.00E-04
4.03929146	1.2269695	2.89774993	3.91046857	3.46552799	2.9619536	3.09943258
0.51081369	2.74476402	3.11775181	3.54018039	3.36364479	1.00E-04	1.00E-04
0.58688619	1.00E-04	0.61972422	0.4276195	1.78733462	1.00E-04	1.00E-04
1.09547315	2.92465223	4.31257527	4.54217974	4.60096868	1.00E-04	1.00E-04
2.26216417	2.77993954	3.89618867	3.43312026	3.37394616	3.3849425	3.17719569
3.23396394	3.17083931	3.29826854	4.23862565	3.73759348	1.05970842	2.030466
0.89384815	1.00E-04	0.11726188	0.56359197	1.00E-04	1.00E-04	1.00E-04
2.18662868	0.8339972	2.22577228	2.11131894	1.98747339	1.53444828	2.23394131
0.34157166	1.00E-04	1.00E-04	1.00E-04	0.15290548	1.00E-04	1.00E-04
1.12666747	1.2546033	2.01718975	3.26088962	3.55722267	1.87568287	1.00E-04
1.48272557	3.14255872	4.1921957	4.77419287	4.41114317	1.00E-04	1.00E-04

0.60956729	1.00E-04	0.63905619	1.08528092	0.24658847	1.00E-04	1.00E-04
0.93682301	0.79637057	2.47296441	1.46208686	1.31850802	1.43054211	2.16120726
0.54050741	3.19994312	4.28768573	3.93020685	3.74856328	2.99843059	2.89901343
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82958856	1.00E-04	0.06423036	1.41549036	0.94486236	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14086284	0.1373285	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.40597302	0.8339972	2.91197106	3.02760251	3.41534299	2.81523301	2.81172338
3.63630473	2.05227835	3.3615098	3.6457401	3.54327376	3.20809667	2.15879047
2.57360091	1.2795411	2.04160042	2.03934182	2.39316271	2.71889764	2.42024293
2.91134151	1.56839355	2.35153499	2.56680049	2.86253087	2.7583668	2.7318617
1.09369187	1.00E-04	1.16380671	1.48431335	1.43717562	1.00E-04	1.00E-04
0.26735097	1.00E-04	0.60709907	1.00E-04	0.1020411	2.13000607	0.7214142
2.66292624	1.00E-04	2.26312677	1.22490257	2.06678041	1.31757904	1.36656933
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23302289	1.00E-04	1.00E-04
3.37039933	2.20941023	2.17251658	2.32022544	2.13143187	1.93136382	2.76578528
0.97184611	4.37504499	5.2046566	5.01871779	4.73458797	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.24710001	3.65847878	3.60654942	3.69202496	4.3474378	1.00E-04	2.33678414
4.03209738	2.6372663	4.79534699	4.58932232	4.69823444	2.2174009	3.44971333
4.26080563	3.27034416	3.70682951	4.2893326	4.35037965	2.2998374	3.3102955
3.04664662	2.6372663	4.13095205	4.15971076	4.18398161	1.95182482	1.79666771
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14107641	1.00E-04	1.00E-04	1.59884163
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62559417	1.00E-04	0.22831467	1.00E-04	1.00E-04	1.06582712	1.14061365
0.180786	1.00E-04	0.16559461	1.00E-04	0.28096859	1.00E-04	1.00E-04
0.83111044	1.00E-04	0.50703077	1.06782075	0.77238092	1.00760463	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20078981	1.00E-04	0.30970513	1.411607	0.52452787	1.00E-04	0.72495184
0.44965963	1.17452218	1.35167987	1.48504449	1.30781234	1.00E-04	0.62168103
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94970493
1.00E-04	1.00E-04	1.00E-04	0.0822006	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87456952	0.48949529	0.23496222	0.41627045	1.00E-04	1.00E-04
2.61287551	2.14608863	3.59481893	3.61559963	3.69186767	1.72615122	3.41464452
1.25697549	3.24514133	4.15290716	3.92934961	3.96781834	1.08377222	0.86789477
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.18453576
3.04221842	0.7902481	2.43139669	2.74240273	2.78584995	2.9284316	2.49468573
3.1036013	1.96159665	3.41827719	2.92248192	3.28996587	2.12969572	2.12826332
2.39334932	3.21430867	2.05588615	1.87189649	1.41545466	2.46321096	2.9175428
1.87955179	2.21380146	3.91408669	3.40671854	3.70451268	1.4113202	1.71871533
4.46259965	4.42342489	4.30436751	4.11761199	4.27956729	5.1358746	5.16661437
4.58753365	1.00E-04	1.87595375	1.398697	1.62240136	1.91902224	0.68773152

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04573325	1.00E-04	1.38886502	0.73969198	0.83583597	0.72869785	1.00E-04
3.45767791	0.87456952	2.5311888	1.9280414	2.16051984	3.25961411	3.34821697
1.13799454	1.00E-04	0.58071753	0.82711031	1.84973769	1.00E-04	0.56264051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.95868969	3.07828387	2.43934005	3.26206171	3.1095388	1.8127747	2.66107401
0.16876534	0.7902481	0.47545287	0.46400807	0.40289197	1.0281643	1.29269728
1.94863968	1.00E-04	1.59257883	1.24452618	1.74630233	0.84497321	2.6206925
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.72988197	2.56213499	3.68070705	3.2362205	3.30642087	3.85226293	3.40775389
2.07666342	2.6350036	3.16571162	3.27144339	3.71512053	2.18496589	2.62688705
4.02167999	3.93108656	4.62273264	4.03055498	4.1808718	4.29381968	4.4459015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82664839	1.00E-04	0.92444033	1.00E-04	0.28314054	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10894346	1.00E-04	1.00E-04
4.2356854	3.64979724	4.12714588	3.74725162	3.8389169	4.33919519	4.12396589
1.00E-04	1.66802733	1.57361962	1.50291607	1.52757195	1.00E-04	1.00E-04
0.41047469	0.7902481	1.50542531	2.96688304	2.5692868	1.00E-04	1.00E-04
0.55330617	1.00E-04	0.08326693	0.2342421	0.27491128	1.86717829	1.23636362
2.67757569	1.30959702	0.66765809	0.83405921	0.13098198	1.75760923	2.02256941
1.77248993	0.74506998	2.26241281	1.69806216	2.35370396	0.71661629	1.57472138
0.51744356	1.00E-04	0.10054642	1.00E-04	1.00E-04	1.00E-04	0.40038755
0.6558449	0.79637057	0.42660363	0.21553812	1.80081386	1.63825757	1.00E-04
2.92705238	1.21891	2.55697468	3.11105927	3.13827372	3.23428326	2.285539
0.58863726	1.00E-04	1.00E-04	1.00E-04	0.16358717	1.00E-04	1.00E-04
0.3329013	3.03105526	3.89959709	3.03891128	3.03829454	1.34480099	1.00E-04
2.61188879	1.15872716	2.74769708	2.30861818	2.44211405	2.1768167	2.28063863
0.22816858	3.88770481	4.28709519	3.64255676	3.92020679	1.00E-04	1.00E-04
0.33565552	1.00E-04	1.52245211	1.52583646	2.44458943	1.00E-04	1.00E-04
0.34113146	1.00E-04	0.08621585	0.74000065	0.57586006	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09976055	1.00E-04	0.15404675	0.15455675	1.00E-04	1.00E-04	1.00E-04
0.49504393	1.00E-04	1.78384924	0.82149722	2.89740801	0.81261445	1.00E-04
2.60086778	2.83331827	3.08519732	3.13384298	3.52671633	1.44286217	2.1736889
1.24432519	4.05133619	4.58268099	4.69507665	4.77723218	1.40857904	0.97522957
1.00E-04	1.00E-04	0.07268679	0.15845674	1.00E-04	1.00E-04	1.00E-04
3.79136997	1.63245595	2.15457139	1.58833246	2.7429484	3.63275361	3.80782563
1.43868308	1.00E-04	1.55037636	2.31098325	0.4174457	1.98291923	0.79505536
2.27875016	1.00E-04	1.88211643	1.83416335	2.06649531	1.80033387	1.39553576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20931032	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07819003	0.2115827	0.12694344	1.00E-04	1.00E-04
4.42196727	4.20458005	4.6400278	4.63723203	4.94180588	4.06114785	4.55954975
1.00E-04	2.67970601	3.78618799	3.80080128	3.99671419	1.00E-04	1.00E-04

2.13546628	1.00E-04	1.00663433	1.84906575	0.69651645	1.74927634	2.10392433
1.00E-04	1.00E-04	0.10835368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2509313	4.38441854	5.1880188	5.11143838	5.08171081	1.00E-04	1.78120702
0.42918903	0.71640521	0.86207036	0.36611737	2.36197338	1.00E-04	1.00E-04
0.79153655	4.63849045	4.47899804	4.46908812	4.62681355	1.00E-04	1.00E-04
2.8326846	1.37027069	2.67818264	2.60873933	3.2115402	2.14190979	2.37313955
1.35262544	3.46920649	4.21379534	3.62198456	3.1818951	1.00E-04	1.00E-04
2.20322475	1.00E-04	1.73029574	2.57752939	1.94108493	2.14577401	1.62035053
0.42242917	1.00E-04	1.00E-04	0.40121297	1.87581539	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08093755	0.08952278	0.46843606	1.00E-04	1.00E-04
1.7275211	1.00E-04	0.6529333	0.48901246	0.33859526	2.09891842	0.46517855
1.42243915	2.25403678	2.92675653	2.6946248	2.19153294	1.91944176	2.05418584
2.65829936	0.68407235	2.41905317	2.49405543	2.65291582	1.70533203	2.32585675
1.00E-04	1.00E-04	0.52647858	1.00E-04	0.26839035	1.00E-04	1.00E-04
1.00E-04	0.71640521	0.28327793	0.07577735	1.11539883	1.00E-04	1.00E-04
1.48899285	0.74506998	2.14636697	2.45616826	2.57782986	1.19321377	1.00E-04
2.71659656	3.98528172	2.06251557	1.75033364	1.70466223	1.99983834	1.81720298
2.65311604	2.49647451	3.4403775	3.4878251	3.74158599	1.51666165	2.86837867
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.96274118	3.19325904	4.8185935	4.8478811	4.92790878	4.6693439	5.05338193
3.36657984	2.02025137	3.19695331	3.25715504	3.17475454	2.63198074	3.27651698
1.10449191	1.00E-04	1.00321163	1.38377203	1.28964317	1.00E-04	1.00E-04
1.10658067	1.00E-04	1.46099965	0.20475133	1.99202658	1.11481773	1.20679676
3.37863056	3.31432807	4.01766376	4.51874493	4.45420348	0.97412898	3.19356391
0.42520769	0.87456952	0.39645147	1.67154623	1.00E-04	1.00E-04	1.00E-04
0.33557604	1.00E-04	0.46398882	0.97137451	0.48290056	1.00E-04	1.00E-04
0.1136802	4.3854386	4.31424884	3.45486133	3.49380663	0.92751185	1.57204017
3.76169052	1.53952651	2.83958644	3.81628752	3.16192944	2.96041762	2.27937538
4.78032652	2.40662346	4.01973184	5.01447233	4.98942446	2.74519814	3.24777032
3.410725	1.19089243	3.29583928	2.70993322	2.89068668	3.51378051	3.78309183
1.00E-04	1.00E-04	0.09186897	0.49252811	0.19089153	1.00E-04	1.00E-04
0.70965316	3.49462623	4.45000283	3.44545914	3.82430717	1.00E-04	1.06680503
2.19240525	1.00E-04	1.39520018	1.658275	1.06141446	2.68358506	1.93822087
1.20301823	2.53758539	3.81799339	4.09398092	4.27895047	1.00E-04	1.00E-04
2.62054496	2.41019574	4.05664967	4.47995093	4.51286332	0.62567961	1.00E-04
0.43069819	2.27801923	1.00E-04	1.00E-04	0.41234528	2.29334215	1.54467318
1.17538735	1.17148784	2.48683456	1.53708966	1.76799242	2.18513067	2.21193045
1.00E-04	1.00E-04	0.26563913	0.28865468	0.42713175	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.90762564	0.90132871	0.23467918	1.00E-04	1.00E-04
3.06911842	3.05822995	3.29163149	3.39174754	3.4847018	3.02412592	2.27155908
3.21192968	1.61087376	2.77837335	2.35184225	2.16778018	2.52254486	2.84426867
3.17474412	1.14149454	3.05368868	3.33125429	3.6589202	3.06034144	2.464681
2.39919207	1.00E-04	2.47516651	2.61985841	2.5837019	1.38951674	1.68845037

3.48188163	0.92068596	2.43589732	2.94970885	2.60324119	2.27163038	2.52638892
1.00E-04	0.74506998	3.107887	3.19204984	3.24833465	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08557886	1.00E-04	1.00E-04	1.00E-04
0.76991372	1.17452218	0.90523552	0.2706164	0.24577747	1.00E-04	1.14555276
1.26053144	4.34247209	5.55835386	6.133397	5.92333298	1.00E-04	1.76531659
2.63655711	2.50448719	2.33989511	2.59046706	2.8344519	2.85832459	2.53691397
1.00E-04	1.00E-04	1.60814474	0.73824197	1.01261204	1.00E-04	1.00E-04
3.88465183	2.43364985	4.5135013	3.62381119	3.48741917	3.96071671	4.63291411
0.36919628	1.00E-04	0.64868292	0.11606138	1.00E-04	1.04641343	2.69950093
3.50714178	0.72877389	2.28549184	2.64340983	2.54734921	2.35854376	1.34427099
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.57104956	2.13836421	3.24302819	4.1979967	3.83495921	2.14244409	1.83909295
0.80510805	3.84820347	1.3217235	1.75172252	0.31106574	2.51241481	0.54053641
2.73318195	0.68407235	1.9610555	2.80079687	2.39745112	1.56605412	2.35308167
0.27861993	2.41001475	3.17175987	2.87377165	3.07082164	1.00E-04	1.00E-04
0.47322738	1.00E-04	0.07379098	1.00E-04	0.21894683	1.00E-04	1.00E-04
2.39416775	2.27801923	1.2188882	0.79902796	1.18244921	1.97624243	2.61475624
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50076979	1.28532547	1.8628565	2.06917688	1.59869401	1.84207539	2.30167605
3.15507744	2.97719584	2.68429232	2.91364724	2.95787345	2.3931953	3.17715843
3.05982959	3.26823556	2.49493157	2.9429469	2.81197971	2.82281453	2.11126521
3.86362069	4.19115954	3.52998019	3.31494517	3.29294952	4.55250909	4.53372163
1.00E-04	1.00E-04	1.00E-04	0.08624493	1.00E-04	1.00E-04	1.00E-04
2.9288994	1.65091835	2.08378823	3.01789246	2.77870141	2.53794491	1.89269533
1.00E-04	1.00E-04	0.08167072	1.00E-04	0.29352415	1.00E-04	1.00E-04
0.86221142	0.8339972	2.65866088	3.61396562	3.53826181	1.00E-04	1.19626579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10372144	1.00E-04	1.00E-04
0.18403988	5.59272472	6.18824534	5.44668147	5.19793986	1.00E-04	1.00E-04
2.09744647	2.84403304	3.40391694	2.93909842	3.30797085	2.54146656	1.24242902
1.00E-04	1.00E-04	0.44781227	0.42449627	1.49509013	1.00E-04	1.00E-04
1.24772833	1.00E-04	0.89603171	0.58380849	0.73168987	2.26885732	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22244261	0.87456952	2.3613479	3.00140456	2.34298601	1.25061534	2.02230675
2.7519529	1.00E-04	1.67064025	2.09814362	1.79615212	2.54796641	2.38842848
1.00E-04	1.00E-04	1.00E-04	0.73098309	1.00E-04	1.19321377	1.00E-04
1.00E-04	1.3386578	0.1066364	0.15845674	1.00E-04	1.00E-04	1.00E-04
0.27491353	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.97863975
1.52138124	2.9848766	1.76595534	2.30670943	2.99701497	1.00E-04	0.48671447
1.01836232	1.54062948	2.25717097	2.07107258	1.56117209	1.00E-04	1.82041406
1.00E-04	1.00E-04	0.17848346	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.65425496	3.04196772	2.27369888	2.22354213	1.00E-04	1.00E-04
3.93088231	1.68322587	3.11159479	2.90929817	3.0898045	3.48877565	4.15380605

1.67600509	1.00E-04	0.63733361	1.36991347	0.78048816	1.00E-04	0.316869
1.00E-04	1.00E-04	0.23642314	1.00E-04	0.34522529	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.43834547	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63302481	3.45539858	3.70570762	3.98984076	4.42903612	1.00E-04	1.68984479
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.01497348	1.00E-04	2.69070689	2.44822562	2.79227683	1.79039473	2.60706285
1.00E-04	1.00E-04	0.22871651	1.00E-04	1.00E-04	0.94908439	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.47982391	3.6226992	3.65092452	3.46043447	3.79981551	3.32463717	3.11752786
1.00E-04	1.00E-04	0.16064588	0.14399149	0.11344173	0.46029024	1.18035161
0.32119989	1.00E-04	0.94400153	1.57175472	0.31847333	1.00E-04	1.00E-04
2.04514754	3.46425791	3.3654336	3.42447765	2.96813888	1.3059379	1.69481374
1.00E-04	1.00E-04	2.02285178	0.96806722	2.40902976	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18160417	0.15895422	0.18420248	1.00E-04	1.00E-04
0.43201826	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48576059	1.00E-04	1.00E-04	0.13719716	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03689203	1.00E-04	0.28167721	0.1010866	0.13718086	1.00E-04	1.54391513
2.15260469	2.00052089	2.24816018	1.76784568	2.31675111	3.63580185	3.18296356
0.48122827	1.00E-04	1.00E-04	0.08852014	1.24328601	4.15356778	3.5890893
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25117958	1.00E-04	1.00E-04
0.4886599	2.99487771	3.50302819	3.19209476	2.58322668	1.00E-04	0.72495184
2.82175309	1.00E-04	1.24876448	2.33534441	1.96905424	1.40289005	1.02695373
3.77374832	1.72144976	3.36858546	3.08086267	3.53393436	3.30284958	3.92372937
5.71833234	4.31711119	5.31898687	4.99245532	5.17060018	5.94838578	6.05267013
3.65410485	3.91701262	3.81439644	3.97938489	3.094061	2.120323	2.41669187
0.258347	4.95154056	5.35993332	5.19062326	5.23645814	1.00E-04	1.77146065
4.03509292	4.57075999	4.73063047	4.06357619	4.13398724	4.68271074	4.57209277
1.69928662	1.9221751	3.62370634	3.11131793	3.3336541	3.73807209	3.84621884
1.27148765	1.00E-04	0.70045381	0.50168514	0.59990907	2.42328214	1.43524297
0.39457921	0.8358776	1.24845911	1.10879801	0.97144517	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.51259002	3.36289079	1.35232639	1.61829152	1.69143052	1.35925323	1.00E-04
1.00E-04	1.00E-04	0.09495869	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.8828307	0.7902481	2.88375294	2.18412719	2.18370198	3.39399116	4.29860095
0.53826615	1.59076705	2.62898696	1.86703246	3.08600784	0.74564767	1.92023914
0.9139	3.22031023	4.59251361	4.13749367	3.58931147	1.97245613	1.1853365
3.0034197	0.87612072	1.49137443	1.70402366	2.15995979	1.99081165	2.38020899
1.76294533	1.00E-04	0.99341941	0.57847957	0.78152888	2.61536893	3.40403839
2.13096234	1.00E-04	2.02076056	0.92433744	1.50482719	1.00E-04	0.56264051
1.83759179	3.07668169	4.13010839	3.21029947	3.55634905	2.28124544	1.75132527
1.3887667	1.14856053	2.1823052	1.80109063	1.69890043	1.00E-04	1.00E-04

2.7321887	1.52626842	2.730094	2.24595832	2.43123791	1.06582712	1.44868018
1.00E-04	1.00E-04	0.21326816	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.22960997	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2528596	1.00E-04	1.00E-04	0.13046994	1.00E-04	1.00E-04	0.316869
0.33102292	1.77499998	3.08577776	2.21394807	2.28268145	1.00E-04	1.25654185
0.66987112	1.00E-04	0.17706812	1.00E-04	0.36944198	1.00E-04	1.71685854
0.56671691	1.76961704	3.25382354	2.56408648	2.58443289	1.00E-04	2.35088508
1.74456952	1.00E-04	0.98076018	0.33417998	0.5559374	1.39885208	1.25131486
0.78219377	0.87612072	2.00912865	0.99868503	2.0428814	1.00E-04	1.00E-04
1.47870073	0.87456952	1.0973832	0.73449475	1.4536144	2.36548945	0.62168103
1.8377437	1.79626576	3.17783622	3.33094777	3.24963699	2.02191636	1.94477684
4.52972546	5.20864059	5.41983439	5.1796232	5.45256451	4.09969632	4.44308445
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86789477
0.79087407	1.00E-04	1.00E-04	0.35121405	0.13631278	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07379098	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11017854	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16590699	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25030962	1.00E-04	0.20281155	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14207959	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20146727	0.10087646	0.54335221	1.00E-04	1.00E-04
1.92076861	1.87101639	1.79853236	1.47139336	0.94190846	1.33025389	2.33284151
3.85990354	3.9357202	4.26657558	3.67764683	3.92429426	4.43051258	4.24710777
4.62988436	2.8794891	4.38202606	4.95954565	4.45462307	3.46049706	3.86266527
2.72040716	1.00E-04	1.90218246	2.23217568	1.89403723	2.19088346	2.6544883
3.49681134	2.38558076	4.31036987	3.2270308	3.90089566	2.70243614	2.83946005
1.14933001	1.00E-04	0.2377656	0.47375063	0.29735857	1.87271404	1.41857383
0.96351796	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16633326	1.00E-04	0.54621288	1.19272502	0.98199081	0.81755274	1.00E-04
2.16883774	4.2016497	4.55248106	3.53175704	3.74194608	2.75170862	3.61116577
0.58746833	2.12749044	3.90161586	3.21632591	2.98690547	1.00E-04	0.96655867
1.13208934	1.00E-04	0.48984729	0.33548248	0.5439072	1.57605876	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20931032	1.00E-04	1.00E-04
2.66556333	2.15203999	3.10117219	3.12000581	3.04610144	0.96326844	2.7035445
3.70908905	2.92241263	3.61374138	3.75872244	3.39547347	4.35876848	4.48535892
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.77957513	3.77781312	1.66961547	2.05929886	2.09443936	2.69097523	2.62735749
1.19091953	1.00E-04	1.46941926	1.93967038	2.0900624	1.60007999	1.23636362
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56137564	1.00E-04	1.36769828	2.06425702	1.80413564	2.09864697	2.81574357
0.23374008	1.00E-04	0.17516002	0.0825412	0.6887973	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58479431	1.00E-04	1.36350187	0.95631531	0.25799922	1.103099	0.81245127

6.17945186	6.15348415	7.08602156	7.65183709	7.53177361	5.46561515	5.56776956
5.39502121	5.18685855	5.95086456	6.52935914	6.46516741	4.14944357	4.5253291
3.31589349	3.39101201	3.63804889	3.99756513	4.54339712	2.44802051	3.01674888
1.00E-04	1.00E-04	0.65629032	0.08021281	0.28736611	1.00E-04	1.00E-04
1.00E-04	0.71640521	2.0325188	2.18665392	1.97450771	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.29871185	1.47989105	1.00E-04	1.00E-04
1.94345779	1.00E-04	1.00390331	0.87270683	0.62905773	0.94543129	1.93833032
0.86638174	2.94162071	2.70408732	2.16912663	1.91417324	1.00E-04	1.18453576
4.99875797	3.78688359	4.96355019	5.1536972	5.14788716	3.76799106	4.07060355
1.03345498	1.00E-04	1.66359853	2.07396163	1.81978925	1.00E-04	1.3282665
4.19337728	2.3764175	3.32410516	3.23663561	3.33659489	3.84442177	3.98005145
3.02312089	1.00E-04	1.84567021	2.80499886	3.24839852	1.00E-04	1.86534578
2.4729303	0.68407235	1.95924052	2.23459335	2.31227019	1.00E-04	1.51443555
6.25897846	5.01621753	5.13662889	5.22257514	5.38144408	6.39764863	6.24033089
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71359789	1.00E-04	0.07227876	1.00E-04	0.42460451	1.00E-04	1.00E-04
5.74352431	3.09011293	4.93573885	4.56678483	4.68518838	6.03146679	5.68998546
3.94160332	2.1959719	3.25271807	2.91785374	3.56099981	4.57964924	3.92186813
0.40506448	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.34129541	4.8255983	2.91042321	3.35281148	3.55113604	6.99104077	6.89222474
1.77405757	2.51937923	2.96471786	2.93340723	2.83374603	1.00E-04	1.14537935
3.25105255	1.7474706	2.90650556	2.99115942	3.15177817	2.83147551	3.01466194
5.30199207	4.10713085	5.18169157	4.65604527	4.83546098	5.73980569	5.75449455
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.43306435	2.68727964	3.68194912	4.72057169	4.29134038	3.92983425	3.4030925
4.12698818	2.01639109	3.74769102	5.06435939	5.16394731	2.50709566	2.83745233
3.23354294	3.40173363	4.13145013	3.53608536	3.8727712	4.19181855	3.83297883
4.31567758	4.2554011	4.00720193	3.59910675	3.53382765	3.1886105	3.80755795
0.803246	0.74506998	2.06353706	2.32161238	1.74375068	1.00E-04	1.00E-04
4.3876115	3.89971292	4.98128673	4.71393457	4.91932516	4.97624792	4.40257706
3.66301294	1.52103712	3.12032494	2.27751401	3.3139775	2.85400467	3.4695535
4.65886045	2.65775516	4.25690313	3.97539503	4.01243169	4.56092614	4.59344218
0.180786	1.00E-04	0.74342085	0.11606138	1.00E-04	1.00E-04	1.00E-04
2.07637867	1.78930374	2.76122146	2.2729287	2.59452657	0.81859263	2.11962492
4.65249948	3.5680498	5.05389726	5.27030124	5.21413736	4.04574732	4.11556888
5.18716316	3.69313217	4.27021168	4.43288599	4.44514597	4.39683399	4.26670246
0.71407763	4.19108781	4.70299228	4.15575983	4.00057761	1.0281643	1.00E-04
5.05321578	3.71851577	4.74846101	5.44249045	5.22287822	3.43704199	3.94078164
3.90788893	2.65196663	3.92449849	3.82115105	3.94922304	3.16366987	3.64871566
2.47613393	1.23400418	2.4096858	2.95852	2.71125763	2.34372726	2.24633367
0.89483863	1.00E-04	1.61277695	1.80460546	0.66839351	1.00E-04	2.61198529
1.87479987	1.00E-04	1.50234448	0.8501037	1.33401501	2.43833126	1.66978146

0.60627296	1.00E-04	1.17613175	1.525236	1.41881644	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07577735	1.00E-04	1.00E-04	1.00E-04
2.70258255	2.0474846	2.69969573	2.19150179	1.88677864	2.31097646	2.54985641
4.0060788	3.90008174	4.55351581	4.39533569	4.4006408	4.31441672	4.67143132
3.63748532	2.66315784	3.95086481	3.32047764	3.51901163	2.68992615	2.57385272
1.00E-04	2.18030644	2.70820514	2.8060611	2.70261818	1.00E-04	1.00E-04
4.2909352	2.49916857	3.84745496	3.69996178	3.46374452	4.06897093	4.56963209
1.00E-04	1.00E-04	0.13025465	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.97815999	3.60295295	3.5223696	3.45898122	1.00E-04	1.00E-04
3.95507245	3.17895132	3.83532301	4.16746711	4.19711308	3.46660031	3.42863641
0.11393665	1.00E-04	0.2198823	1.00E-04	0.13718086	1.00E-04	1.00E-04
4.29840803	4.1977733	4.72607209	4.76113406	4.56686322	4.61879571	4.4219309
3.18670496	1.00E-04	2.53200189	2.38228527	2.21160232	3.68259388	3.12559933
2.70585393	5.04918745	6.04159098	6.5025126	6.30516867	2.36941766	2.89905952
1.12711082	3.77214109	4.36949448	4.27198385	4.22532877	1.00E-04	1.00E-04
1.07264711	4.01503013	4.97854233	5.76369689	5.83252137	1.00E-04	1.00E-04
5.44679952	3.35975015	4.405992	4.58718433	4.58170117	5.07267135	5.26509883
5.26156063	4.35400499	4.8127575	5.03847965	5.24753198	4.98423146	4.69563908
4.99673665	3.8769911	4.7239845	4.70519066	4.75611347	5.10693187	5.5435382
0.30865824	1.00E-04	0.92461894	0.85367568	0.78052574	1.60007999	0.56264051
5.79102941	0.71640521	2.44403786	1.948014	1.26112227	5.49491705	5.66881544
0.2265668	1.00E-04	0.06287992	0.08792613	0.13025542	1.00952146	0.40038755
4.30500149	1.52102673	3.32312865	3.78190382	3.63106749	2.19496853	3.03178549
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.42117958	2.1808484	2.71412387	3.28518045	3.50823282	3.783272	3.8277497
1.34149087	1.70431419	2.16154529	2.48898961	3.29131473	2.44008231	1.86002239
1.11790437	0.96847026	1.85551437	2.77465238	2.8841241	0.81859263	1.56984277
3.45524114	1.1377045	3.447389	2.51581169	3.20087311	2.81894985	3.23422727
3.80806628	1.17896398	3.09797976	3.94156804	3.8868339	3.49622152	3.39983455
3.1288624	3.00031564	2.90271465	2.66985183	3.10386038	3.73524443	2.54897082
4.38814698	4.39644401	5.092012	4.54905675	4.51470656	4.45935717	4.97180045
3.01206977	2.27801923	0.52042386	0.97856443	0.97525245	2.80422116	1.98017417
0.78617069	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35700265	1.91631098	3.30857015	2.77605859	3.07975078	3.53338934	3.51176895
0.71044795	1.00E-04	0.80413784	1.34282351	1.22967718	1.00E-04	0.84167817
3.89397805	2.76248028	3.53822553	4.06575216	4.10356897	4.14234024	4.04931503
3.83395508	2.14587396	3.17158928	3.18788541	2.99736281	3.62005787	3.66692968
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32672337	4.49710445	5.49057351	4.86430244	5.0787716	1.00E-04	2.05443351
4.21162547	3.02520656	3.6906527	3.69185567	3.51512115	4.36110143	3.83335427
5.03407689	4.08136527	4.73353456	4.39647871	4.57066139	5.45010376	5.54506532
4.13720807	3.92955346	4.35556218	3.58762686	3.84533359	4.47929183	4.08834505
4.45294949	3.81514432	4.24545839	3.90623313	3.9812996	5.92592076	5.90403757

0.63572075	2.008961	1.93430779	1.32481701	1.88447444	1.00E-04	1.00E-04
0.4874817	0.68407235	1.64222979	1.46414079	1.01279083	0.62567961	1.15573112
3.77923692	2.08631683	3.14334219	2.63877331	3.15668258	3.37040447	3.59344118
3.44891142	1.00E-04	1.79905908	2.50383168	2.40361756	4.21462049	3.24409272
0.7434769	1.00E-04	1.00E-04	1.00E-04	0.10372144	1.00E-04	1.00E-04
2.47273953	0.92068596	1.29708867	1.06698206	1.11443521	2.34149309	1.58425304
3.4468818	1.74560042	3.10542092	3.01365615	2.89980616	3.64053029	3.94174877
3.01317019	3.14520452	3.29730241	3.19327629	3.24793855	2.30895897	2.52405025
2.32350943	1.52102673	2.66589173	3.16818842	2.7066905	1.4522343	1.35345973
3.52674935	2.33582032	2.77686144	3.20717561	3.40970492	3.2225939	3.30147911
3.37558687	2.78505921	3.82453139	3.80707463	3.93729809	2.22634365	3.06666308
4.34108604	1.00E-04	3.16862963	3.02895997	3.69386591	4.32360125	4.60027783
4.17539822	1.2596863	2.9790476	2.84558284	3.04230008	3.94876532	4.10269841
3.68915284	1.69960169	3.19414733	2.99540052	3.67639452	3.05541468	3.13901675
0.08716682	0.74506998	0.06554964	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.53570901	1.00E-04	0.11078928	0.89799762	1.13658288
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14478141	1.00E-04	1.00E-04
3.0013368	1.82293172	0.65682689	0.75345961	1.92610858	3.4371245	2.45825499
5.43108197	5.39096679	5.90976811	5.90482068	5.81785405	5.71699043	5.84220011
2.05177126	1.00E-04	0.38021798	0.4978347	0.97064295	1.63880333	0.89038937
1.29466545	2.57952191	3.43154022	2.75065443	2.57436627	1.40265998	2.06323078
2.61157453	4.21946924	4.62022138	4.21233344	4.09134461	2.02362238	2.34137392
4.57143586	3.49486247	4.36235976	4.82970872	4.98608617	3.3603957	3.63976785
1.19464279	3.67109657	4.96076147	4.91963406	4.99530314	0.95102466	0.48671447
1.00E-04	1.00E-04	0.36714482	0.08557886	1.00E-04	1.00E-04	1.00E-04
1.46867206	1.91739974	2.57540253	2.45092397	1.95136702	2.24346303	1.25471819
1.00E-04	0.74506998	1.22151293	0.79816344	0.73748842	1.00E-04	1.00E-04
1.00E-04	2.7477735	2.4263925	1.44748283	2.57287867	1.41616781	2.67097938
0.80869208	1.00E-04	0.26443885	0.08871613	0.27291368	1.00E-04	1.00E-04
1.92711409	3.41088061	3.61493052	3.48103097	3.60777768	1.96742584	0.56264051
1.65317091	1.00E-04	1.97016291	1.79242588	1.78652234	1.94911281	1.00E-04
1.62131148	1.00E-04	1.39294697	2.47478242	2.74572039	1.00E-04	0.68773152
1.00E-04	1.00E-04	0.23488306	1.00E-04	0.17638133	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22067804	0.07488174	0.76933198	1.00E-04	1.00E-04
1.1871675	1.00E-04	2.30516886	2.07636949	2.31393679	1.00E-04	1.91617527
1.00E-04	1.00E-04	0.73874307	1.61589616	0.36539253	1.00E-04	1.5382606
1.83822398	1.00E-04	0.81659545	1.1454339	1.04173686	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67570946	1.00E-04	0.12268675	1.00E-04	0.09759627	1.00E-04	1.00E-04
4.42943912	3.24343084	4.09377033	3.82700239	3.89451816	4.5829546	4.82409804
5.01480981	1.00E-04	0.52983763	0.08823908	0.92908757	1.00E-04	1.28964505
5.10745935	3.58856644	4.3831744	3.89288868	4.03396887	5.05586501	4.83517791
5.01233927	2.94839775	3.97109756	3.93963728	4.23159063	4.76529371	4.9138343

5.93466156	4.70683083	5.26922415	5.0764504	5.07098047	6.65921098	7.08640972
1.00E-04	0.87612072	0.89236409	0.89219307	0.7641315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10933862	0.21476095	1.00E-04	1.00E-04	1.1787663
3.42225106	3.2729112	2.88874776	2.25682838	2.41991609	3.6120471	3.44296509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.98560345	0.36581428	0.14461624	1.12785157	1.00E-04
0.36753379	1.00E-04	0.73021792	1.47245195	1.48822855	1.00E-04	1.00E-04
0.25224736	0.8358776	2.30874986	2.48987065	2.24583798	1.71072814	1.00E-04
3.14129156	1.54546222	2.97007004	3.13196599	3.09231941	3.40783676	2.94449791
1.00E-04	1.5700598	3.40434572	3.36641101	3.13075002	1.40857904	1.00E-04
3.97570663	3.24077715	3.71475462	3.73056724	3.84288651	3.97275764	3.64153385
4.21724398	2.27430881	3.32502583	3.83910988	3.47681936	3.79964974	4.08173784
0.12225379	1.00E-04	0.2395802	0.10561401	0.1476729	1.00E-04	1.00E-04
4.4176985	3.33072541	3.81765324	4.39155806	3.84184262	4.08629023	4.41530546
3.95946495	2.29503439	2.31933257	2.17232556	3.02112438	3.38737401	3.83012533
3.85273619	3.2882184	3.04638284	3.26833681	3.06920829	3.27809817	2.84662199
4.06643276	1.7028238	3.28911799	3.54033418	3.47545046	2.70187895	3.11457295
2.88639416	2.28647108	2.4782456	3.07553424	2.55099611	3.0762596	2.78998113
1.05174503	0.87456952	1.2016132	1.01906683	1.35559858	0.68203783	1.45608271
1.27084461	2.38410241	3.16041745	3.102599	3.59731694	1.00E-04	2.06512818
0.30368012	1.00E-04	0.44553001	0.53733974	1.33229906	1.00E-04	1.65374659
2.01952737	0.74506998	2.39740269	2.25718164	2.27740598	2.45975759	2.84864645
3.48417511	1.12950432	2.78495612	2.54639214	2.96284894	2.97371869	3.24176521
2.58625767	4.11195933	4.8339839	4.44125224	4.53144353	2.5218279	2.91459935
4.02045615	1.00E-04	2.88787548	2.74129574	3.23427788	3.8277282	4.45525301
4.47589728	3.75360274	4.38992072	4.27173332	4.4993217	4.6042084	4.90735263
3.14555051	2.28313199	3.03983878	2.90796887	2.5640603	2.88022023	2.68465079
0.34935555	0.68407235	2.62491158	1.74528471	1.84701706	0.96274275	1.00E-04
1.59087475	1.58124053	1.15764692	0.5230431	0.81694247	1.87587809	2.24658864
0.42940306	1.00E-04	0.13066427	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1494006	3.19911506	4.50039442	4.84275729	5.36817373	1.00E-04	1.25131486
1.00E-04	1.00E-04	0.16215927	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1299286	1.00E-04	1.55656954	1.58007819	1.36341569	1.00E-04	1.00E-04
4.21912661	0.69779233	3.50678425	3.93751178	3.57661109	3.14545835	2.81386251
0.76566347	1.00E-04	0.90158911	0.50236091	0.42745354	1.00E-04	1.00E-04
2.36845323	1.2546033	2.57766247	3.16257674	2.18784333	2.3979038	3.18278309
1.32259577	3.48219827	4.04663803	4.10001241	3.63930396	1.00E-04	2.03365104
0.21163578	3.56739811	4.31516657	4.01121637	4.04636181	1.05970842	0.83430531
3.03828782	1.8764343	2.46258403	3.3886627	3.49572909	2.61795271	2.72696606
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.20696766	1.15660655	2.84225946	2.6120292	2.41319407	2.08700499	2.96105531
4.50616975	2.69088046	3.79673169	3.73442271	3.88219389	4.66080751	4.96382001
1.12153213	1.52242334	2.0227681	1.13418189	1.36769986	0.85260137	0.41275046

0.85110222	2.12355812	3.41228737	3.64534715	3.30677573	1.00E-04	1.39773885
2.75047593	2.83457924	3.6836559	3.32437234	3.62778999	3.21572411	2.95593238
2.67819371	1.93867022	2.46985832	3.41406111	2.81395749	1.31443423	1.90516343
3.79783141	3.72962036	4.45548188	4.20913939	4.16902846	2.79507019	2.6807206
2.88713053	1.3386578	2.55050084	2.12300678	2.32744986	2.13527885	2.11065622
2.37119655	0.68407235	1.97533758	1.92386047	1.99492157	1.85440041	1.00E-04
1.12469236	3.88991414	4.62645268	4.31062895	4.31856658	1.00E-04	1.00E-04
3.50452596	0.71640521	3.0567545	3.05843302	3.27954245	2.93284551	3.22139582
2.64557741	2.40553183	2.72904689	2.14173606	2.84945326	3.52207067	2.4119168
0.22177449	1.00E-04	0.09019368	1.00E-04	0.15653713	1.00E-04	1.00E-04
3.45503853	1.52102673	2.50459668	3.16876696	2.67221627	2.43367958	3.26288231
2.85835584	4.98789648	5.78257028	5.22005803	5.10465612	3.09215586	3.46046703
2.52216309	2.13208603	2.72251361	3.1599052	2.72893183	2.63124875	1.92604829
1.92615857	1.00E-04	0.86852322	1.00E-04	0.25600306	1.00E-04	0.72495184
0.16819726	1.00E-04	0.19113163	1.00E-04	0.11344173	1.00E-04	1.00E-04
4.1846222	5.93439492	6.7533158	6.53633372	6.50206701	3.02885736	3.31210108
0.59313331	4.32453228	5.2170267	4.58872785	4.55331731	1.00E-04	0.56264051
0.61870511	1.21769093	2.07502664	1.76247221	1.10453615	1.00E-04	1.00E-04
1.10256918	1.00E-04	1.36998481	1.4208896	1.8611836	2.17040889	0.62168103
0.55051893	1.00E-04	1.26567433	0.47831325	0.3961798	0.62567961	1.72397395
1.81790238	3.44904097	4.26951156	4.31056679	4.2321068	1.00E-04	1.00E-04
0.78004346	1.00E-04	0.41907141	0.88558729	0.24959405	1.00E-04	1.00E-04
0.66392197	4.09384183	5.08038709	5.60402494	5.65243074	1.00E-04	1.26389675
1.26125541	0.71640521	2.69274652	2.29977816	1.75648612	1.00E-04	1.49989698
1.00E-04	1.00E-04	0.13570439	1.00E-04	0.15653713	1.00E-04	1.00E-04
1.73831061	2.42850017	3.98805629	3.39436838	3.64449896	1.98169909	1.88798047
0.7915395	1.67240018	1.13377705	1.72829286	1.04730185	0.94371668	1.01194579
2.3798646	1.31236668	2.54315117	2.29667891	2.2950025	1.00E-04	0.7179807
1.00E-04	2.64547321	2.92922699	3.19512994	2.77982247	1.00E-04	1.00E-04
0.6824308	1.00E-04	0.36245304	0.17403974	1.63258491	1.25061534	1.06788364
1.00E-04	1.00E-04	0.07379098	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.45438411	1.3386578	2.17254786	3.06305702	3.00848534	2.58734817	1.67687095
1.02266013	1.00E-04	0.18647733	0.08974194	0.68084667	1.27827907	0.86789477
0.19082602	0.68407235	1.81439295	2.48284121	2.08698273	1.00E-04	1.00E-04
1.44267205	2.72090464	3.67299018	3.59221992	4.06308826	0.84473467	1.07063054
0.52848615	3.74443662	4.38064209	4.01872947	4.17951496	1.00E-04	1.31865393
2.42744392	2.96351933	4.30922727	3.99659908	4.14320846	1.61211528	1.07127105
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73678848	4.95958314	5.93002935	5.94964753	5.70323062	2.15325376	1.29505143
3.09652082	2.49657432	2.61651727	2.91311313	2.11725602	2.42866963	3.02513083
1.03425197	0.8339972	1.50845114	1.64430404	1.91500245	2.36548945	1.00E-04
0.76554449	1.28518064	1.22463104	1.83064188	2.3202991	1.56754251	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.74747079	1.00E-04	1.93389268	1.45383163	1.96992277	3.0426362	2.64553286
1.13042017	5.05390018	5.31448301	5.13287023	5.53173169	1.00E-04	1.90970485
0.74835183	3.92259103	5.00983601	5.09466035	4.99497996	1.00E-04	2.49550091
0.43804949	1.00E-04	1.00E-04	0.07008263	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.38288922	0.84093355	0.65626535	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.72927841	4.45171738	4.61836701	4.47861635	4.32556667	3.8612453	4.0449175
0.77872267	3.91425822	4.51622384	3.65140123	3.38620932	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24962769	0.24705339	1.00E-04	1.00E-04
1.52695293	2.15571918	3.11641962	2.9529846	2.77845795	0.79838122	1.00E-04
0.18621923	1.00E-04	0.28568985	0.15248859	0.14410425	1.00E-04	1.00E-04
2.34105176	3.19342783	4.09672648	3.86247411	4.24496862	1.00E-04	1.34083346
0.66826843	1.00E-04	0.51537787	0.75196145	0.12233227	0.93702359	1.22180816
0.44139965	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18645531	1.00E-04	0.84588004	0.19333956	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10444449	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80736308	1.3106013	1.93582656	2.34728725	2.37181798	0.94543129	1.82690037
1.4403747	1.57589751	3.11920944	2.84694543	2.93524621	1.00E-04	1.00E-04
3.46840574	2.23215069	3.19825479	3.34659783	3.53473451	2.88168232	3.23698844
1.05927036	1.00E-04	1.00E-04	0.19877268	1.00E-04	1.10522239	0.316869
2.94134884	1.22771662	1.84492923	2.60963716	2.64153117	2.24177024	2.64034722
2.35317896	1.00E-04	1.14569027	0.57908554	0.81715402	1.00E-04	1.47360994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09759627	1.00E-04	1.00E-04
1.78827809	5.24922025	6.19690386	5.63897829	5.6468735	1.66728182	2.27933255
3.41059939	0.71640521	2.07670401	2.29881473	2.25634755	1.38787781	3.08194722
1.4196885	3.03788877	4.16810527	4.79842951	4.70551051	2.18497728	1.00E-04
2.5110468	3.50835946	4.14074999	4.78973661	4.23986994	1.590541	1.33920248
1.77696028	1.00E-04	2.31002135	3.07951501	2.95392646	1.66728182	2.58413554
1.30258428	1.00E-04	0.09402275	1.00E-04	0.21458698	1.00E-04	1.00E-04
1.90185209	4.87858058	5.71724177	5.70049941	5.77629186	1.00E-04	2.18216505
1.40709777	4.59752483	5.41450542	4.93349318	5.0154724	0.46029024	0.81996147
0.11017854	1.00E-04	0.09927308	0.22323579	1.00E-04	1.00E-04	1.00E-04
2.87391596	2.29733249	2.54850621	2.94895368	2.51552894	2.47850228	3.31033705
3.45338228	3.47408622	3.72980469	3.80062068	3.94958295	2.90422343	3.64522421
6.49052432	2.88319451	3.40283978	3.15883856	3.3360085	4.55910923	4.03458369
2.1734445	1.11722896	2.41823442	3.06510392	3.02103008	0.97412898	1.56094655
3.33707179	3.26850249	3.71266063	4.26066002	4.10126953	1.60578049	1.92183208
3.23538328	3.70859271	4.64861381	3.87071541	4.19645037	3.03734952	2.90024948
2.68228791	1.16728446	2.41687112	2.67929379	2.74882163	2.56356135	2.69805368
4.00829338	1.79385491	3.09591354	3.86197961	3.69578186	2.68717714	2.7262053
5.10391074	3.82492197	4.38246352	4.29390401	4.41549822	4.80494622	4.8376915
0.67604419	4.63898477	5.74116898	5.19619317	5.07659324	1.00E-04	1.26135756

2.18164938	1.10480104	1.48219887	1.73178866	1.62652698	1.00E-04	2.31955815
2.12817265	0.87456952	1.25390608	0.25192474	1.16782634	1.00E-04	1.09055109
0.27491353	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.16048721
1.23232331	3.48496282	3.90624397	4.0021667	3.65796953	1.00E-04	1.00E-04
4.48511574	3.68408313	4.68093572	4.78712915	4.66945561	4.36680553	4.75126561
0.13394589	2.70136383	2.65157284	2.41130833	2.00734148	1.00E-04	1.00E-04
4.55068611	3.57728436	4.26690644	4.4447212	4.28347933	5.08358402	4.82189388
3.56754697	2.78565466	3.5409105	3.3092518	3.26789134	3.67419922	4.01353724
0.0766569	1.00E-04	0.06767845	0.28794704	0.18420248	1.00E-04	1.00E-04
2.00751085	0.69779233	1.8141614	2.40021719	2.13345129	1.00E-04	1.61515352
1.97656708	1.00E-04	2.00779349	2.11458443	0.85833004	1.54911464	1.21902836
1.4038693	1.00E-04	0.71808406	0.34426579	1.00E-04	1.4945576	2.03131009
2.93924895	1.00E-04	2.34722511	1.64687337	1.83024625	2.43288679	2.12580838
0.12636275	2.33638082	4.05370416	4.10496266	3.79128968	1.00E-04	1.1787663
1.00E-04	1.00E-04	0.64717885	0.6446082	0.49934492	1.00E-04	1.00E-04
3.48888238	1.00E-04	1.00E-04	0.16130923	1.26191829	1.48634524	1.00E-04
0.27480752	4.2144707	4.90362744	4.50288297	4.36093696	1.00E-04	0.94608236
4.54549782	1.93660483	4.10749433	3.85225459	3.90508514	4.53533752	4.71960719
1.61030527	1.00E-04	0.85347111	1.09996086	0.80059624	1.95159808	2.53168873
3.48873297	0.68407235	3.02046684	2.62899785	2.69157526	3.11915834	3.68055653
0.77042801	0.96847026	0.32490528	0.15384709	0.62239265	1.00E-04	0.41275046
3.89724839	1.54550408	2.22577807	3.33637046	3.59370043	2.58252279	2.71188614
1.57999349	2.30636197	1.61484782	1.68001531	1.27174812	1.91859994	0.48671447
0.51435029	1.2795411	0.5631817	0.19682232	0.19681031	1.10522239	1.00E-04
1.00E-04	1.00E-04	0.31649916	1.00E-04	0.08815268	1.00E-04	1.00E-04
5.80698955	4.04914031	4.41697744	4.86374821	4.79114007	4.62572995	4.52486862
3.17111967	1.47903019	2.39958171	2.24251403	2.51421039	3.47591759	3.6500224
5.32672734	4.39368661	5.14881164	4.64826891	4.93508186	6.0451032	6.08637124
0.3242293	1.00E-04	3.12632051	3.60891843	3.63236843	1.38574427	1.75633718
3.44896061	2.45531284	3.08650374	2.94453864	2.86632803	4.06331584	4.00883655
3.78736824	1.2795411	2.93137721	3.27324427	3.26052339	3.79176482	3.51933631
5.62511577	4.09318369	5.17683658	4.70380783	4.89504348	6.2444686	6.22201029
2.18183274	2.16443641	3.82521206	3.38082599	3.41189336	2.44533842	3.18768978
0.31811013	1.00E-04	1.00E-04	0.0814007	1.00E-04	2.22315264	1.00E-04
3.67709421	2.52192792	3.17598178	3.10698049	3.1831261	4.35786346	3.67186903
0.29585631	2.17240019	2.70320597	3.08835825	3.22317444	1.00E-04	1.00E-04
3.63896508	1.93598512	3.2654025	3.13957821	3.26510585	3.81059032	3.94112535
1.99997685	3.04762113	2.05814685	2.3481019	2.61775675	0.84473467	1.43556515
0.19336288	1.00E-04	1.1264133	0.97409256	0.72042204	1.00E-04	1.00E-04
1.70219602	1.54471013	1.80275609	1.52245232	1.59373327	1.67979918	1.94751729
1.00E-04	1.00E-04	0.28899694	1.00E-04	0.62027623	1.25061534	1.25996493
0.43793871	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.66282881	1.04990099	1.16442648	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09485785	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.55514928	3.37597122	4.0248199	5.11436613	4.84214609	1.00E-04	2.95243346
0.08716682	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67466569	1.00E-04	1.00E-04	1.29176609	2.12640018	1.00E-04	1.00E-04
3.43278968	2.08626049	3.90460106	4.86533677	4.2550021	1.31757904	2.60646526
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36783751	1.2795411	1.10136968	2.93539318	0.68715475	1.00E-04	1.32800755
1.00E-04	0.8358776	0.41292727	0.10843982	1.00E-04	1.00E-04	1.00E-04
2.70424146	1.00E-04	0.09545996	1.00E-04	0.10894346	1.00E-04	0.84167817
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22832916	1.00E-04	1.00E-04	0.37490806	1.00E-04	1.00E-04	1.00E-04
2.39516851	1.85463666	2.41070305	1.77377978	1.71856426	2.9121171	2.15275203
1.00E-04	1.00E-04	0.17147519	0.23290616	1.00E-04	1.00E-04	1.00E-04
0.2196067	1.00E-04	0.09927308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83504648	2.04024472	2.86873542	2.07680632	2.30533837	1.00E-04	1.03441279
0.4873304	1.00E-04	1.07402205	1.82739894	0.38253218	1.03499642	1.55284515
1.72498222	1.00E-04	2.2655161	2.87676523	1.00E-04	1.00E-04	2.21711132
3.25650443	2.27801923	2.16374833	2.63633042	0.88295885	4.29752399	5.28592597
1.00E-04	1.00E-04	0.3298479	1.20152657	0.09511513	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.59045756	3.53929107	3.70261137	3.81170179	3.768038	5.50755768	5.43269223
1.26719594	1.00E-04	0.38617268	0.49252811	0.20746644	1.00E-04	1.00E-04
1.00E-04	3.07674505	3.80762514	2.92226861	3.37849445	1.00E-04	1.39773885
0.67882061	4.12829877	4.8039416	4.3249602	4.02435586	1.00E-04	2.07992353
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10473028	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24625418	1.1166062	0.89265864	2.21797416	2.46817702	1.00E-04	1.00E-04
1.68448605	1.00E-04	0.99611043	0.55778667	0.7937222	1.32310042	1.00E-04
1.52944711	0.74506998	1.26978525	2.39285781	2.24906078	0.81755274	0.97863975
2.2403578	0.92068596	0.58251652	0.61522983	1.09982629	0.95637875	1.79976288
1.82667917	1.00E-04	1.15324524	0.41327027	0.41897671	0.95637875	2.12392442
0.10913195	1.00E-04	0.09618263	1.00E-04	1.00E-04	1.79705433	0.49725191
3.92028455	0.71640521	3.08252136	2.74876644	2.92503303	3.98963598	3.73860287
2.29640568	3.61674269	3.9797822	3.84102258	3.4731492	1.00E-04	1.86766764
3.29814005	0.69779233	1.60614831	1.74108059	2.18567099	4.91282646	5.08818492
5.62850842	3.67562468	4.70364936	4.07436235	4.53360403	7.15290628	6.98716356
3.85232005	1.44289603	2.92002647	3.4851644	3.51895241	3.48718824	2.94761277
0.4356468	1.00E-04	0.3209686	1.00E-04	0.09814195	1.00E-04	1.45670916
2.51829179	1.00E-04	0.93710711	1.14851262	1.11563321	1.44560015	1.32157107

1.06919761	0.7902481	1.50357756	1.72929993	2.10370866	1.10522239	2.09884253
4.08573754	1.94630471	3.22191151	3.96097073	3.45906626	3.24115813	2.40142247
3.92594082	1.91603912	2.3494293	3.07432043	3.21894106	3.48670797	3.5056735
4.36357872	3.57468317	3.59135812	3.59710706	3.73258068	3.91160544	4.20707637
5.16588773	4.30636579	4.46842205	5.34854552	5.1477377	4.448545	4.48295962
0.7962264	1.00E-04	0.38066758	0.3203672	0.13820197	1.00E-04	1.00E-04
1.80071296	0.74506998	2.87217848	2.0856746	1.87625667	2.66496614	2.28022514
0.83831843	1.00E-04	0.14573263	1.00E-04	0.1216717	3.54236317	4.12473915
4.10376743	2.655325	4.02687291	3.76653467	3.03443778	3.94827119	4.18159544
5.61019937	4.84417139	5.07006725	4.82049119	4.729693	5.68019362	5.78081738
2.03512396	1.00E-04	1.13942205	1.07613875	1.5160045	1.00E-04	0.35134699
1.00E-04	1.00E-04	2.46340863	2.48148534	2.97722507	1.00E-04	1.00E-04
3.53945273	1.00E-04	2.859266	3.34556375	3.38757178	2.88416821	3.26562941
4.1569926	2.88324361	3.43165753	3.65731482	3.44357661	4.06332356	4.37880761
4.52380643	2.28368591	4.09384388	3.58604966	3.33625057	4.64103822	4.95129372
5.16427666	4.26050567	4.93916498	4.47843584	4.54596679	5.44486777	5.5188278
2.53674392	3.12108822	2.23980307	1.9561249	2.19202929	2.79930838	2.63884083
0.33927736	1.00E-04	0.14632899	0.10902669	0.55828729	1.00E-04	1.00E-04
2.04814905	3.6698807	4.97370616	4.88949364	4.66049951	2.89007981	2.76446881
4.70180019	4.39679161	5.17439899	5.06170254	5.03002115	4.75700019	4.93524017
2.94144364	1.71539206	1.53349754	1.20324559	0.7940006	1.00E-04	1.5344211
1.39493822	1.00E-04	0.10402423	0.40426115	1.20235616	1.00E-04	1.00E-04
0.79415062	1.00E-04	0.36894197	1.00E-04	0.24253206	1.00E-04	1.00E-04
0.64004349	1.00E-04	1.00E-04	1.43620707	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07379282	1.00E-04	1.00E-04	1.00E-04	1.45944068
2.16861114	1.00E-04	0.55769903	0.44782742	1.25630512	1.00E-04	1.39689957
4.48736339	1.00E-04	0.95386781	1.5558223	1.20900185	2.80396263	3.98534345
1.62852088	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.14715751	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75290932	1.00E-04	0.08280154	1.00E-04	1.00E-04	2.24124012	1.00E-04
0.69344988	1.00E-04	0.89897326	2.27208321	1.87849401	1.00E-04	1.00E-04
2.06529475	1.00E-04	1.84392759	1.30517193	1.93259872	1.77109563	2.23990622
2.18947387	1.00E-04	1.50188393	1.29998737	1.53363875	3.03274886	2.29161218
5.96021393	5.93720087	7.17338437	6.22632703	6.20232334	5.00088907	4.81850562
4.3941982	3.68543696	4.14288749	3.78743752	3.85890246	5.1882931	5.39755964
4.32629253	2.9786884	4.48480445	5.06443924	4.89458993	3.53125301	3.941645
4.48448651	3.89157434	4.7307073	5.03068603	5.0163608	3.97833907	3.58827413
4.47557713	2.95551556	4.42004387	4.85732746	4.86984946	4.10538188	4.31781699
3.96976721	3.77833343	4.36952511	4.84635379	4.77105491	3.67084403	3.44009442
4.63354716	3.50432607	4.58032195	4.87309643	4.88888617	3.9033056	3.67178261
1.98872406	1.14856053	2.29242181	2.53473495	2.47520631	2.07959919	2.16550838
3.83115919	2.42412395	3.85150897	4.30876317	4.32859237	3.19467114	3.48522697
4.20763162	2.85122843	4.20627914	4.12304946	4.5285077	3.35887723	3.89525743

3.08832495	3.3060277	3.02108749	2.86281883	3.17502454	3.26019572	3.65680032
2.55564738	1.54062948	2.96832363	3.63279362	2.84366706	1.91631542	2.90497556
1.65195136	1.87132131	2.99165935	2.85677886	3.08424548	3.41547759	2.37484604
3.55068652	1.45177834	3.54554456	4.16727072	4.59092233	1.23897179	1.34603167
3.12549366	2.57418845	3.26854534	3.65085314	3.55620648	3.03980232	2.76644943
2.919054	1.00E-04	0.64546867	0.7885519	1.36128091	2.40809501	2.78549521
4.002393	4.28723027	4.97290156	5.10644074	5.34935489	3.02997747	4.17655708
1.96579168	3.22190525	4.1146407	3.3627754	2.96312721	1.00E-04	2.55094479
5.63126388	4.1645702	5.68154792	5.6337241	5.49479126	4.70300144	4.99867909
1.43675572	4.39158187	5.4017058	5.68262153	5.57806945	1.8638326	0.89038937
2.2426893	4.51028162	3.77788033	4.3982636	3.94410416	1.23897179	1.84388559
3.71000423	1.00E-04	0.68568888	0.54160202	1.22184959	0.81261445	1.10337756
4.71052268	1.00E-04	0.30946178	0.17154006	1.00E-04	1.00E-04	1.00E-04
1.78039533	1.00E-04	0.34463649	1.53816046	0.53171373	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12391687	1.00E-04	1.00E-04
4.33297713	1.00E-04	0.68657	0.24904225	0.4487428	1.00E-04	1.00E-04
2.53726565	1.00E-04	1.89332205	2.58612106	3.3064971	1.00E-04	0.55712436
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17195626	1.00E-04	0.17262195	0.11606138	0.56916093	3.23317384	3.63602953
2.00764902	4.07987932	3.81797132	3.38683257	3.1225912	1.10522239	0.62168103
3.85151497	1.2795411	0.73919966	0.11090815	0.48118356	1.57221927	1.25131486
0.34774629	1.00E-04	1.00E-04	0.14376298	0.12564974	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.58710233	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.27969652	1.00E-04	0.351537	0.86288794	0.11946472	1.00E-04	1.00E-04
2.19605971	2.37645304	1.17147445	1.10454249	2.00906771	4.28503566	4.40937549
2.84114963	1.00E-04	1.19396188	1.00E-04	1.51744337	3.66465037	4.08662756
2.90075588	1.00E-04	1.54274582	1.55704109	2.22290688	6.32215769	6.53434952
2.60011603	0.74506998	1.67699714	2.08099092	0.69026237	1.00E-04	1.19937926
1.62787172	1.54062948	1.7475981	1.63285879	1.99896802	1.57335238	2.65673431
2.17469194	1.00E-04	0.83964744	1.42410483	1.56160992	0.78141142	1.11639642
5.07512891	4.66361156	5.39556361	4.72464335	4.85446624	4.77508409	4.68179744
3.07724847	1.3386578	2.97675634	3.20959075	3.3375151	2.34534638	2.21128458
1.63589101	1.00E-04	0.72503508	1.63083169	2.49389198	1.5325984	1.00E-04
1.61793352	1.56775168	1.10661432	2.46137838	1.45501976	1.63825757	0.63328605
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24056827	1.00E-04	1.00E-04
0.75059499	1.00E-04	1.25953285	0.90396918	1.20375357	1.00E-04	1.47360994
0.04764841	1.00E-04	1.00E-04	0.23471308	0.17301519	1.00E-04	1.00E-04
1.12287514	1.00E-04	0.74513664	0.86019109	0.72380574	1.00E-04	1.00E-04
3.63680277	2.3928665	3.68980863	4.02874434	4.07278765	2.65707328	3.1573217
0.79279653	1.00E-04	0.85705823	1.00E-04	0.19524902	1.00E-04	1.00E-04
4.26917369	3.54938477	3.49164563	4.1433847	4.32756374	3.57957888	4.22122042
2.01125338	1.00E-04	0.77651244	0.68895961	0.87847494	2.66227579	2.45291345
0.06718044	1.00E-04	0.14574289	0.29932082	1.00E-04	1.00E-04	1.10457566

0.180786	1.00E-04	0.13734826	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.92947857	4.41223585	4.84961217	5.17621101	4.94682694	3.33232689	3.9675808
6.20377898	2.16268339	3.44236422	4.09761913	4.3239182	4.15303511	4.51815621
5.41363079	1.2795411	2.03589513	0.90143968	0.25275204	4.24097987	4.88636882
4.41978401	1.00E-04	0.88377607	1.74193051	3.10131347	3.44421385	3.1763488
1.59720669	1.00E-04	1.0270198	0.28130074	2.04973915	3.99731856	3.20786795
2.58671217	0.74506998	1.47036671	2.09941987	1.54751	1.36005464	0.85951747
3.76553784	1.00E-04	1.37328934	1.63912948	1.28371216	3.30577568	2.91869302
4.53896762	3.30649337	3.40465335	4.09095944	4.48694218	1.06582712	3.37758609
4.68795192	1.00E-04	1.64670122	1.11333099	1.3377905	1.00E-04	1.00E-04
1.01588745	1.00E-04	1.00E-04	1.00E-04	1.36125175	1.30602804	2.2250636
6.45432789	5.87796515	5.98403166	6.44973386	6.19182619	7.43840166	7.41464959
5.13420515	4.47794042	5.18495044	4.90939351	4.77867232	5.36369702	5.16373779
5.85310064	2.72531123	4.77330506	4.53970407	4.61717569	4.7733529	4.49837271
6.13993399	3.49474795	4.00050727	5.14458885	5.0249443	4.32034432	4.51859664
1.18741589	1.00E-04	0.1025689	1.64965311	1.99347274	1.58903516	0.91878851
6.65141285	3.73178726	4.34377631	5.74586191	5.5194188	4.24403912	4.14820493
5.72957701	2.78135511	3.52417939	3.98493555	4.45780712	5.08425836	4.94977941
5.00472271	5.26012707	5.12766129	4.68336599	4.74976835	3.63150535	4.22620456
4.64716083	3.19465227	3.83494428	4.0426755	4.13066575	4.44210768	4.87187084
3.2913365	3.90003584	5.23928069	5.72763807	5.61556329	3.45106736	2.86695044
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.10493586	1.00E-04	1.08813968	1.12825007	2.1858544	3.54626741	3.17027786
5.77014568	5.25946677	5.99033104	6.80635417	6.65744776	4.73849413	5.05767965
4.21572286	3.20007934	4.6499575	5.00689067	5.06495052	2.94567111	3.67844396
5.13973029	1.00E-04	2.71336667	4.13986528	3.5529078	5.31570214	5.7241208
0.25365118	1.00E-04	0.39682831	1.00E-04	1.00E-04	3.45206795	3.85174844
1.87511818	1.00E-04	1.00E-04	1.03645892	1.30748696	1.28787782	2.83730486
4.33534638	1.00E-04	2.05174597	2.73195574	3.12119367	1.59024876	1.6390855
8.00698769	6.06125304	6.28257753	6.97757806	6.94354505	4.6870346	5.57755962
4.80155928	1.00E-04	0.13390453	0.17154006	1.00E-04	1.85756463	2.07482178
5.70312559	1.00E-04	1.17342835	0.25011729	1.56227775	1.20122876	2.25074039
3.43629589	1.98272647	2.53064804	2.39972059	2.68203225	1.86034295	2.43285367
4.92608908	3.64332721	4.77562443	5.28523638	5.4035656	4.2892781	4.25330787
4.01852192	3.07499235	3.75450791	3.47861704	3.32340809	3.04187249	2.84301247
5.53555977	2.9823768	4.19286376	5.00744874	4.56032902	2.90786773	3.20343316
4.61707326	1.00E-04	1.15371243	2.86210321	1.84454983	4.10841079	3.79534629
3.55283421	3.49697571	1.79636387	2.25182044	2.48715649	1.13698109	1.4352796
1.22809671	1.00E-04	0.94956948	0.35529068	1.97501237	3.61415971	3.08287852
1.2439662	1.00E-04	1.57401972	1.55758934	1.50270528	3.8248142	3.12382336
0.75230381	1.00E-04	1.12254248	0.39975126	0.6169627	1.00E-04	1.32800755
4.11813977	5.07902054	5.80232242	6.40699981	6.32319289	2.58447789	3.60815971
1.29884829	1.00E-04	0.3694389	1.57154259	1.1825394	1.00E-04	0.82486735

2.11390681	2.27801923	1.56237532	2.17899446	1.88909978	5.56835552	5.53208985
2.97174567	3.9760082	3.46868282	3.68702589	3.29711887	3.69192696	2.50207947
2.57391809	1.10480104	2.31815227	2.89462257	2.7122459	2.90916283	2.524468
2.10545762	1.08649412	2.03982876	3.1529858	2.97317625	1.51042251	1.57095423
1.39870677	2.87975481	3.75615083	3.90295334	4.15449158	2.6685777	2.77076519
2.69339834	2.95487323	2.13839135	1.59853349	1.9010575	3.18501999	2.6225672
3.94260786	3.37276279	3.50329223	3.70827839	3.58977371	3.7527798	3.55381332
4.38130081	5.20605001	5.42765125	5.09340674	5.13001637	5.68304672	5.51640047
3.09995927	3.75101887	3.7074876	3.21527718	3.22149104	3.9618074	3.42591435
4.45880502	3.69694519	3.9471772	3.97778474	4.51364708	3.95892245	3.97367553
0.51521584	1.00E-04	1.39932624	1.33788776	1.03493619	1.25061534	1.00E-04
0.24522927	1.00E-04	0.29231342	2.74490433	4.57817184	1.00E-04	1.00E-04
3.11379597	1.16728446	2.70317059	2.06557862	2.6809463	3.339686	2.57125932
1.5360345	0.71640521	1.26197021	1.33444635	2.22654404	1.00E-04	1.32208337
2.02292226	1.00E-04	0.12748072	0.44134972	1.1399561	2.91286153	2.26866575
1.00E-04	1.3386578	0.34560018	0.14621476	0.93785635	1.18042507	1.00E-04
3.67022051	1.39420177	3.45550799	4.12205378	4.1793208	2.72841211	3.08887162
4.37002311	3.55728531	4.06507896	3.8783115	3.85355775	4.74779753	4.80993879
2.86913744	1.48533998	2.98748622	3.68005021	3.82123922	1.70982102	2.11663618
4.1189058	3.70521763	3.55622585	3.85574106	3.75223333	3.50271647	3.64425161
3.20065313	1.59099358	3.14040843	3.32958423	2.87098637	2.35348601	2.73276532
3.94715044	1.46634758	3.28728898	3.01847017	3.26921376	3.8448864	3.85664486
5.64400225	4.51701692	5.18071669	5.51922112	5.22468287	5.30781042	5.3588358
1.55045724	3.72271723	4.57499576	3.96212739	3.88768575	4.3148961	3.99431875
3.76483511	3.93416988	4.85760718	4.35410358	4.84719238	3.63543271	3.72731673
0.63116356	0.8358776	2.8020584	1.90170006	2.67830652	0.94371668	1.1787663
1.00E-04	1.00E-04	0.23093374	1.00E-04	0.16358717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35212633	0.09790117	0.14478141	1.00E-04	1.00E-04
4.03706973	0.68407235	3.73873075	4.00501668	4.03390654	2.69775312	3.33534044
1.23524137	3.53821031	4.10869588	3.6665278	3.83437826	1.50153526	1.00E-04
0.84207029	1.00E-04	1.61424057	1.45945055	2.16655331	1.00E-04	1.00E-04
3.80173372	1.52102673	2.88981308	3.15368336	3.23057922	3.26148805	3.04246209
5.91910029	4.57696783	4.74652611	4.70420432	4.98025141	6.46899416	6.63116305
0.30680304	1.00E-04	0.4490535	0.56856424	1.59597876	1.00E-04	1.18035161
4.4525129	3.29230268	3.95031916	4.13428681	4.426679	4.21252676	4.1807227
0.33215496	1.2101235	1.22285664	0.95164077	0.7562257	1.83866879	0.75069325
2.18526465	1.28246279	2.27832733	1.58416069	1.73283783	2.6703404	1.58521667
4.76807312	4.00512243	4.53810814	4.04475518	3.76488078	5.16454243	5.36016811
1.30931616	1.3386578	0.87271096	0.73411807	0.86608425	1.00E-04	1.0021422
0.0766569	1.00E-04	0.22987205	1.00E-04	0.09814195	1.00E-04	1.00E-04
2.50621082	0.68407235	1.72269985	2.79528151	2.69086487	2.34610423	2.03306114
1.00E-04	1.3386578	0.35132823	0.11808269	0.18750702	1.00E-04	1.00E-04
0.92531879	1.00E-04	1.00E-04	0.15450124	1.00E-04	1.00E-04	1.36514787

3.68036699	2.85531648	2.40506243	1.39198886	2.07222116	1.00E-04	1.09138487
0.80014093	1.00E-04	0.56335148	0.3122738	0.26112779	1.00E-04	1.00E-04
1.63312612	3.12916216	4.26833166	3.66411751	3.52262478	0.83873894	2.84231281
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.63979703	5.95524674	5.85230713	5.55111611	5.50916101	3.667462	3.51071521
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10697315	0.11299645	0.19524902	1.46021335	1.00E-04
1.1214994	2.87105092	0.36580622	1.00E-04	0.21894683	1.00E-04	1.00E-04
1.82059496	2.40848936	2.52810179	2.56111797	2.85787615	0.46029024	1.36446978
2.36455199	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12748072	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88657363	1.3386578	0.7676964	0.16168502	0.35108755	1.12755498	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14399149	1.00E-04	1.00E-04	1.00E-04
3.49954034	1.00E-04	0.0691919	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.77185286	1.00E-04	1.15204892	1.00E-04	0.12945	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33467735	1.00E-04	1.00E-04	1.00E-04	1.71977422
2.74923951	2.23001567	2.8793692	2.11316305	2.51976594	1.45905599	2.21175902
0.75669829	1.00E-04	0.2956066	1.00E-04	1.00E-04	1.48634524	1.00E-04
1.84382201	4.54225208	4.90313946	4.75884656	4.62863949	2.83849499	2.34488812
0.88560508	1.00E-04	0.40625141	0.66658198	0.68890861	0.9513318	1.00E-04
0.47850296	1.00E-04	0.40394248	0.3152007	0.94139306	0.71661629	1.00E-04
0.30680304	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97093952	1.72953302	2.93234309	3.30789591	2.99821015	1.46021335	2.53005046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.24245757	1.00E-04
1.00E-04	1.00E-04	0.22344939	0.55538119	0.30675477	1.00E-04	1.00E-04
0.11105565	1.00E-04	0.14086284	1.00E-04	0.25453579	1.00E-04	1.23833116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24473563	1.00E-04	1.00E-04	1.00E-04	0.25149594	1.00E-04	1.00E-04
1.00E-04	2.16807036	2.90095817	3.71729432	3.68137201	1.00E-04	1.00E-04
0.58870008	1.59076705	2.17621143	1.93496838	2.43395792	1.06582712	1.00E-04
0.52851769	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.43197249	1.61217167	2.73298554	2.78200548	3.21450954	3.60193981	3.561246
3.15920397	1.2795411	2.50845223	2.38419891	3.19478511	1.81804131	3.01153951
0.47626209	1.00E-04	1.29326049	1.77553508	2.44707909	1.590541	0.41275046
3.13379229	2.36843064	3.16221404	2.86438903	2.5279323	3.18735907	2.00278529
4.2663647	1.89695521	3.66165265	3.54585682	3.82488935	4.48353581	4.44232977
4.53645526	3.82565804	4.53167697	4.05540649	4.19976356	4.47518753	4.90996676
5.82788111	4.76371573	5.1939786	4.83960764	4.91712605	5.97419666	6.04764989
4.94616197	4.76673323	5.45877371	5.1101104	5.16409803	2.37375456	3.18370612
0.90437321	3.31045449	4.27612237	3.74026455	3.91485849	1.00E-04	1.00E-04
2.40990832	0.8339972	1.92253517	1.95714114	1.55649483	1.67098922	1.01208735
5.1414926	3.59585492	4.52355753	3.87193662	3.92460081	6.16968677	6.19662713

0.37604255	1.00E-04	1.53929555	1.34808619	1.04370344	1.00E-04	1.00E-04
4.46217068	3.59944505	4.30933067	3.89955872	4.47953236	4.60766926	4.6916043
2.19458017	0.68407235	1.33653868	0.94227696	1.7590891	2.04453665	2.24275096
0.83708089	1.47502114	2.62111903	2.56953069	1.97861338	1.38927927	1.00E-04
2.66844027	3.32092438	3.89645882	4.76563444	4.35239176	2.18716919	2.0394582
3.5593823	1.10823044	2.81722277	2.80008433	2.7972832	2.68224046	2.91495208
3.20139989	0.87456952	2.13846844	2.09395261	2.53172627	2.42134758	2.34950824
3.17878787	1.89403685	2.16072628	2.89646097	2.95724334	1.61663038	2.11897289
1.50061975	0.8358776	1.31104605	2.09918877	1.78881778	0.68203783	0.49725191
2.33205348	0.69779233	0.67527086	0.54121918	0.46179424	1.83463537	1.35787049
3.35319736	1.14583798	2.48055836	2.73547011	2.61318405	2.83123743	3.60225222
4.04898979	2.38248026	3.94770365	3.80666002	3.35995805	4.17686299	4.76464009
3.3445964	2.04380413	3.68169751	3.45925957	3.60666535	2.14945386	3.25970168
4.93843339	2.81972467	2.99219203	2.84744947	2.83032362	5.32331877	5.6017114
3.58562338	2.50122685	3.26261351	2.89587293	2.8276674	3.60166834	3.69823454
4.34241401	4.60617432	5.11655689	4.5446539	4.63133756	4.58176567	4.97076283
2.78163174	0.79637057	2.46436339	2.76696487	2.9855944	3.04254253	2.32384379
5.61560072	4.34111851	5.11200967	4.61213056	4.80649628	5.8156386	6.04639894
2.03659573	4.31013496	4.43114839	4.02457519	4.09901877	1.00E-04	1.40124383
1.8197861	4.15904921	3.99155883	4.08214222	3.79004648	3.57275886	3.5285988
3.62263246	3.15264606	3.98254209	3.5815749	3.96855072	3.22793194	2.95852526
0.79619119	3.06960507	4.5219494	4.06906121	4.15073227	1.00E-04	0.56264051
4.51228179	2.70926407	3.54895305	2.68596539	2.50731912	3.22828582	2.87245856
3.25938447	2.32348115	3.3837139	3.45433556	3.51163872	2.41270041	1.71476116
4.10933468	1.61647867	3.12063143	3.12781041	3.16640309	3.41133364	2.88888521
2.32304277	0.74506998	1.95052529	1.94858902	2.49814943	1.00E-04	1.00E-04
2.83728025	1.9493965	2.10168364	2.41994261	2.26338462	2.23658615	2.58128027
3.26952659	0.69779233	2.64296965	2.38938103	2.52046049	2.84100039	2.67231428
1.05081339	1.00E-04	1.71950536	0.80765915	1.2365402	1.00E-04	1.00E-04
1.58271281	1.00E-04	1.29691604	3.15392679	1.74893697	2.01283599	0.82486735
3.43719325	1.00E-04	2.03521361	2.52555824	2.68913145	0.94908439	1.09811406
0.31460011	1.00E-04	0.20125262	1.67919899	1.21186111	1.00E-04	1.99296609
0.59799139	1.00E-04	0.59139794	1.086778	1.23690988	1.00E-04	1.00E-04
1.16373556	1.00E-04	0.23600132	1.00E-04	0.09523547	1.00E-04	0.97522957
1.18803332	2.57786893	3.15638889	2.83415434	2.72919385	1.00E-04	2.37415565
1.73813044	0.68407235	1.49511396	1.32089635	1.3331389	1.00E-04	1.99865917
1.04330286	2.93604666	0.24398639	1.50161381	0.56321409	1.00E-04	0.97522957
2.28168737	1.00E-04	1.16095088	1.51936622	1.71173783	2.92927443	2.84451723
0.78004425	1.50546492	1.5812135	1.00040572	1.06404823	1.00E-04	1.00E-04
0.28188517	3.47324458	4.22550059	3.42472032	3.90720298	1.00E-04	0.89038937
1.00E-04	1.00E-04	0.21518176	0.32800738	0.25321071	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06649866	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98684844	4.57619552	5.26853671	4.89357046	4.93132582	1.00E-04	1.00E-04

3.44867602	2.26951617	2.82584559	2.24154558	2.79891198	4.37922321	3.82922869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28066474	1.00E-04	0.65943324	1.2640202	0.59392902	0.83083207	1.00E-04
5.45159435	3.2752271	3.97426017	4.5590912	4.20516329	4.05101313	3.92753103
1.00E-04	1.00E-04	1.00E-04	0.14475443	1.00E-04	1.00E-04	1.00E-04
5.44018446	4.46836465	4.28984034	3.97337917	4.33669055	5.14921903	5.12131891
3.08460791	2.91386622	2.39829201	2.26356684	2.29623752	4.34488294	4.77951593
2.28681201	1.00E-04	0.70459272	0.4324346	0.61370088	1.00E-04	1.30837676
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.77271272	0.72244282	0.80022233	1.00E-04	1.00E-04
1.0681914	1.19089243	0.91840986	0.50941782	0.59117731	1.00E-04	1.00E-04
2.20427705	1.65790446	1.93006367	3.37234123	2.9212835	1.31757904	2.03854593
1.00E-04	1.00E-04	0.07911744	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.19749663	1.60157773	1.28472184	2.87050882	1.00E-04	1.00E-04
1.00E-04	0.92068596	3.36425077	1.89976539	2.35716806	1.00E-04	1.00E-04
0.08716682	1.00E-04	0.27675096	1.39221428	0.67210961	1.00E-04	1.00E-04
3.27866065	1.71654211	3.49357587	4.329945	4.11090334	2.20076032	1.792541
4.87974916	3.7218208	5.11747375	5.72648675	5.80760165	3.60753564	4.29378584
1.19282464	2.29683908	3.60943221	4.03250959	3.6823793	0.62567961	0.63328605
0.73070516	2.72090464	0.472268	0.66254142	0.30952263	1.00E-04	1.00E-04
3.07177597	1.46591335	2.74803243	3.11932481	2.96558144	2.51829299	2.73592884
4.05332352	3.02138008	3.89889895	4.01784054	4.09966835	4.01746999	4.25547234
3.06862064	2.90893734	3.12171641	3.61015987	3.66582869	1.66401581	2.57570501
1.00E-04	1.00E-04	0.13338607	0.22710861	1.00E-04	1.00E-04	0.72495184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.67422175	4.44832913	5.03799753	4.98096143	4.83837896	5.86392644	5.9345916
6.10654472	3.79952169	4.42446484	4.37834608	4.5298592	6.80322318	6.74282967
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3105362	1.1166062	2.8628582	2.6676558	2.6112517	1.18042507	0.81996147
0.0746918	1.00E-04	0.39332493	1.65569871	0.10452963	0.83083207	1.00E-04
1.22502891	1.28532547	1.96561032	2.17582352	2.5136749	1.00E-04	0.49725191
3.33415187	4.59728741	5.05885741	4.5910206	4.46532283	2.51446653	3.39565472
0.32348982	1.54549341	1.80014919	1.67875007	1.68288594	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69124725	1.00E-04	2.04065646	0.71349008	0.54081671	0.62567961	0.9583037
3.91542115	2.01497421	3.22482938	3.23276984	2.8344583	4.25141775	4.24995899
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21887105	1.00E-04	0.40038755
1.03557454	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90490416	1.00E-04	0.44412221	0.28063814	0.51704791	1.00E-04	1.00E-04
2.95947206	1.40375448	2.73057535	3.07531213	3.32973745	2.3027971	2.24549581
1.94185816	1.00E-04	0.80671781	0.91552708	1.21313179	1.00E-04	1.26685408
4.404499	3.80814571	3.08668642	3.24240038	3.19713074	4.58487247	4.63682731
2.51046865	1.89127927	1.74794545	1.95858628	2.53594394	1.96996111	2.3429449

2.84168568	1.00E-04	2.08615702	1.99512109	2.99786835	2.38069874	3.2218315
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1.70680869	1.00E-04	0.84280693	0.50604875	0.60044214	1.7519572	1.32568218
2.33253028	1.47502114	2.37617219	2.17194087	2.28093834	2.13222136	2.33731991
3.2307499	0.72877389	1.66550217	2.54235925	2.07503406	3.62976307	3.84511345
1.39451285	1.73155995	1.42913545	0.26996418	0.66884913	1.7416196	1.40124383
3.37540927	1.00E-04	2.80425383	3.27533817	2.88212078	1.23405597	1.00E-04
1.68861485	1.00E-04	1.0833587	0.99502709	0.85785845	0.74564767	0.62168103
2.40085349	3.07828387	2.1011844	2.0356347	2.37825998	1.37390105	2.30164428
2.87010687	1.18676999	1.87399664	1.66736218	2.22239707	0.9559646	1.99480882
1.93349551	1.00E-04	1.86369822	1.96389643	1.06985112	1.11481773	1.00E-04
1.18335358	1.00E-04	0.71932056	0.26862474	1.00E-04	1.00E-04	0.7070202
1.31204312	1.00E-04	1.69237807	1.08562425	0.81235524	0.88297287	1.26389675
2.98671378	0.7902481	2.28421202	2.80208524	2.49931872	2.02329206	2.13624008
1.05918988	0.68407235	1.83553437	2.28546665	1.29655034	1.00E-04	1.00E-04
3.58215946	0.72877389	2.28365094	3.09423762	2.99702291	2.21496006	2.25098526
3.16797534	4.25795843	4.69586828	4.22190926	4.43274403	3.24100089	3.8236556
4.29281087	5.16701963	6.04592459	5.22086389	5.46458694	4.32087166	4.60579643
4.57400529	4.093672	4.42081954	4.18371608	4.24596361	4.48836206	4.61764071
1.37397596	5.09116234	6.02729074	5.56101536	5.47405049	1.00E-04	1.92290341
4.05852364	4.59795558	5.36035496	4.4700375	4.51552874	3.95153622	4.67022176
1.25788926	2.32929229	3.57660029	3.15822359	3.47942234	2.00910749	0.7070202
4.15894008	2.62018132	3.52296359	3.17800228	3.19819847	4.48745224	3.77699271
2.33485169	0.71640521	2.06085658	1.76332261	2.45052979	2.73716927	2.8569125
4.12030612	3.93474007	4.7143952	4.36503711	4.38277028	3.87407639	4.54142815
2.84044319	2.7813502	3.85454241	3.22444137	3.16955684	3.13724111	3.15492829
5.66296603	3.19214739	4.56929124	4.32457896	4.58228191	4.84949136	4.84045104
0.17385489	1.55002686	3.16722439	2.85482314	2.31920178	1.00E-04	2.14645435
3.03819148	1.82681012	3.25730452	2.97314877	3.34280111	2.95072212	2.84010939
4.28998465	3.81691207	4.25635299	3.61036991	3.78208845	4.89298604	4.75805095
3.6533905	2.28298867	2.9803645	2.99498778	2.70996759	3.91464479	3.88514318
4.00616673	3.50453323	4.67094856	4.40309235	4.54620415	4.06603476	4.52462216
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1.00E-04	0.79637057	1.03534713	0.31577241	0.21458698	1.00E-04	1.00E-04
5.11857956	3.39191593	4.47556542	4.36803885	4.57450218	5.3524027	5.43048006
2.51037221	2.62709713	3.89793804	3.71528572	3.96302796	2.50569854	1.93742851
2.58632633	1.6288855	2.00470298	2.29290633	1.80963344	2.75002491	1.55192152
1.00E-04	1.00E-04	1.00E-04	0.10426514	0.74930069	1.00E-04	1.00E-04
4.46232161	2.83175105	4.01318928	3.62285267	3.85797304	4.46235791	4.48551132
2.49948505	3.03256348	2.84330118	2.87521739	2.37486235	3.48979377	2.95973306
3.71552673	2.39183429	3.36792272	3.41957568	3.7440769	3.63577004	3.51738072
3.70254726	0.8358776	2.28116729	2.85072898	2.47681605	2.92286241	3.47001404
3.21904881	3.26194433	3.75064066	3.78628469	4.1219732	3.47088221	3.89134705

1.61127486	1.28352536	1.89583251	1.44236607	2.10475951	1.32413304	1.84822484
1.9145549	0.69779233	1.50320453	1.70455671	1.92059163	2.10456455	2.77883974
3.15465979	2.50399039	3.61800513	3.29239886	3.1147298	3.82211396	3.57940684
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2.53294238	1.80007683	1.82748878	1.91195316	2.0608104	2.00958349	2.44713211
5.84545533	4.10621251	3.48097156	3.43955643	3.72025467	6.14822073	5.96548652
2.95134886	3.78525501	4.11911509	3.52240031	3.65151525	3.24085217	3.2573296
3.46578004	1.71027394	3.26534418	3.27013904	2.902242	3.27532039	3.45784368
2.63307832	3.20439009	3.25927324	3.08079861	2.92556901	2.75001705	2.36601316
5.20656445	3.62820171	4.28657342	3.97919287	4.36794954	3.93304092	4.38637457
1.79777508	1.00E-04	0.50784643	0.53205701	0.55687796	1.00E-04	1.00E-04
4.44380901	1.2795411	2.87254495	3.25360175	3.15449087	3.89039004	3.8652531
3.94603075	4.33111346	5.309157	5.12207105	5.09971427	3.29264088	3.20795582
0.08716682	1.00E-04	0.3293699	0.17241709	0.42364165	0.86319656	1.00E-04
3.10995385	1.5727299	2.50358248	2.84832026	2.95807277	2.78525076	1.42222603
1.00E-04	1.00E-04	0.69816739	0.22247583	0.37609375	1.00E-04	1.00E-04
3.27325692	3.90076925	3.54725506	3.41439948	3.58706072	3.16712329	3.22706247
3.31165027	1.17452218	2.34568803	2.3125686	2.95155707	3.81182297	3.62436946
5.23732222	5.32504822	6.12648956	5.48667801	5.48382298	4.84232876	5.36911874
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1.00E-04	1.00E-04	2.0121833	1.96904568	2.06639158	1.00E-04	1.00E-04
1.00E-04	1.58124053	0.72275735	0.53682246	0.52568198	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11250702	0.2498478	1.00E-04	1.00E-04	1.00E-04
2.97164055	3.81243959	5.39028991	5.97171146	5.99599267	1.60185806	1.17672729
1.83486206	2.68221495	3.1113213	3.32948159	3.01806777	0.96274275	2.13758339
1.97339427	1.00E-04	0.51074661	1.03294408	1.19640261	1.4750229	2.06253457
2.07166965	4.32894987	5.4978527	4.75731804	4.95584606	1.30530732	1.33164339
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1.29037633	4.17278697	5.31484365	4.82786718	4.73510619	1.00E-04	1.00E-04
0.48576059	3.48964497	4.51210809	4.62961118	4.88038588	1.00E-04	1.75790601
2.51613932	3.25083052	3.56183423	3.72413991	4.03323341	2.63294803	1.55283622
0.8077262	4.45613586	4.85986375	4.6624475	4.52689682	0.77057821	1.99055747
0.70157508	4.43471546	5.2231366	4.88927207	4.88244816	1.00E-04	1.00E-04
3.04474414	4.99455875	5.62848694	5.90909112	5.85297393	2.85959341	2.83194708
3.50831384	5.69901318	6.62667139	5.98634229	6.00026225	2.85575782	3.19927736
0.51507201	3.24146243	3.9065046	4.49015067	4.53960651	1.00E-04	1.00E-04
3.90724266	3.61425236	4.88150341	5.20852955	5.08862957	2.21935394	2.7482596
3.3806085	2.28615284	3.42497161	4.11937961	4.14430063	2.81691434	2.7543081
0.86048752	5.88865974	6.57752377	6.30434488	6.24648648	1.00E-04	2.36466696
2.90270528	5.57966045	6.22561834	5.91635499	6.07672177	3.08059753	2.43700845
1.1017249	4.38883411	5.47684431	5.60888964	5.45977392	1.00E-04	1.58884417
1.00E-04	3.38354653	4.51335681	3.76190284	3.86285452	1.00E-04	1.00E-04
0.64721482	4.85419582	5.63219419	5.00370488	4.91622399	1.25061534	1.00E-04

0.25261872	4.09249714	5.20304273	4.92842771	4.99250085	1.00E-04	1.1853365
2.16522833	4.34605943	5.2953782	5.56840593	5.45423528	2.49081467	2.43190136
1.39160962	5.51976171	6.33806362	5.63949535	5.74912199	1.11481773	1.67448658
1.00E-04	3.6614212	4.61681815	4.30765876	4.30818397	1.00E-04	1.00E-04
1.27922379	3.78388665	4.35626428	4.00637577	3.89041863	1.00E-04	1.00E-04
1.73224356	4.8633382	5.49983812	4.99480176	4.98284631	1.00E-04	1.01208735
0.35478322	3.79990193	4.64000457	4.23119859	4.17771796	1.31151447	1.5344211
2.25207067	5.42771727	6.03889146	5.52911789	5.34277492	1.4113289	2.57603162
2.43789617	5.18698747	5.94724112	5.3702292	5.5139933	2.60891475	3.11213508
1.64196576	4.41012142	5.20048198	4.90946299	4.82960117	1.00E-04	0.46517855
1.00E-04	5.09076848	5.45084604	4.85447524	4.84201658	1.00E-04	1.00E-04
2.47979201	5.28174097	5.76498174	5.21178782	4.98853101	2.55160622	2.55043583
4.21164052	3.64601625	3.95964316	3.73650176	3.79914132	4.06532371	3.334184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33794279	3.76267057	4.59860927	3.94938711	3.82564714	0.94371668	0.68773152
1.38255076	4.47290401	5.25609606	4.830394	5.17223569	1.00E-04	1.58731915
0.58476844	1.00E-04	0.11438496	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.94580869	4.414547	5.86848512	7.03887461	6.96259174	3.9881213	4.95636
4.87316428	3.92646441	4.71817475	4.93328336	4.85424217	5.19810083	5.37801022
0.69405156	3.03751979	4.50074743	4.06370829	4.08405428	1.94959203	1.19626579
1.00E-04	1.00E-04	1.00E-04	1.37429541	1.00E-04	1.00E-04	1.00E-04
4.03625559	3.18898768	4.08999176	3.94717457	4.03880532	3.43481211	3.55817488
5.58091117	3.57753643	4.83772901	5.51083792	5.35917249	4.28314968	4.38249956
2.83759016	1.39582519	2.59588402	2.36803664	1.85844893	1.99891363	2.1728962
4.53447066	3.58116674	4.39330345	4.00267545	3.82548037	3.69752839	4.64791851
3.00958077	3.46104151	2.64803916	3.05263265	2.77123767	2.31801245	1.15859816
0.81917431	1.47928794	1.43227375	1.51141945	1.9256447	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88974792	1.00E-04	1.00E-04
2.9281389	0.79637057	2.36387523	2.05155209	2.41180855	2.12733302	3.35550717
1.00E-04	1.00E-04	1.78089063	1.42238664	1.5191856	1.00E-04	1.00E-04
4.11265922	0.74506998	3.39074689	3.80470637	3.72806919	3.52517969	3.60967834
1.78971652	2.42057409	2.58531635	1.63822704	1.9870031	1.00E-04	1.00E-04
3.28422568	3.65589909	3.98693908	3.39119614	4.05016562	1.98085965	2.93863585
0.27293106	1.00E-04	0.23608674	1.37429541	0.54312075	1.00E-04	0.48671447
2.80856209	3.00289244	2.50535935	2.99345112	2.02184983	2.06056608	3.09281742
0.0766569	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64660654	1.00E-04	1.00E-04	0.15144185	0.19524902	1.00E-04	1.59436796
1.52138555	1.00E-04	1.08517887	1.98672129	1.06290455	1.23637428	2.09857887
1.00E-04	1.00E-04	1.32197821	0.72160099	0.85207287	1.00E-04	1.00E-04
1.18477119	1.00E-04	0.9693808	0.72508236	0.92504528	1.00E-04	1.26389675
1.61897774	1.00E-04	1.55548023	1.34301739	2.84582698	0.81859263	1.66257976
1.22392947	1.2795411	2.07484288	1.54776151	1.38118391	1.73894183	2.2680573
2.79315765	1.08649412	2.67811951	2.62778636	2.48974128	2.55726291	2.80429602

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.65089711	3.02136269	3.76265105	4.35324846	4.2022703	2.02508247	2.26393638
5.0640481	2.09310809	4.38949632	5.02862487	4.62204664	2.36029252	2.73335731
2.83611311	0.79637057	1.89980575	1.78083989	2.08123628	2.4492467	2.74698703
4.71881842	3.57297649	4.57840123	4.1872574	4.13996569	5.24983213	4.93117297
1.55913168	0.8339972	1.69013476	2.1873238	2.32979158	1.5861573	0.87328242
2.50633281	1.52545904	3.34458511	4.06947297	4.27459699	0.62567961	2.05196669
3.41923454	3.69955355	4.54239831	4.74678892	4.52571683	3.54024675	3.20377976
3.46775447	1.81857687	2.66479183	3.1064412	2.80306813	1.56320043	2.71138614
2.84814244	1.00E-04	2.19308616	2.07428871	2.13984	1.73826664	2.28766336
5.26650313	4.04710735	4.64047561	4.21092884	4.42446671	5.16469805	5.41326738
3.90260443	1.88723802	3.05169557	2.86288225	2.9213032	3.80843888	3.56485005
6.31434232	5.05515515	5.52672407	5.24927581	5.39145667	6.35619564	6.50468889
3.87054415	3.27779185	4.40196571	4.57156049	4.63801168	4.50765493	4.36869258
4.78619468	3.28772969	4.77000546	4.53848713	4.56933409	4.21997838	4.56359136
0.63572075	1.00E-04	0.06554964	0.20989126	1.00E-04	1.00E-04	1.00E-04
4.62362827	4.62332574	4.82363192	4.13698291	4.45919752	5.14920829	5.10758234
4.87744937	4.33221387	4.94336939	4.26257259	4.26187767	4.78992006	5.11788846
4.40398369	2.99465084	4.17200496	3.52715986	3.86784831	4.68440719	4.70350581
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1.19747812	1.00E-04	2.0899902	0.68834565	0.71816842	0.62567961	1.00E-04
2.67280636	1.3386578	1.90193861	1.38619912	2.1414776	3.01338386	2.9343765
3.12944866	0.72877389	2.21878201	1.93092074	1.91509604	2.12998186	2.16301998
3.17491887	3.35568256	2.71360503	2.47863219	2.14759484	2.83393719	3.10018203
3.60315228	2.67634795	3.25770728	3.10549493	3.1300679	4.0682764	3.80384857
0.14890879	1.00E-04	0.19114964	0.08490835	0.26837468	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.67090016	1.00E-04	0.47009431	2.06133409	0.83806439	1.83727976	1.20679676
4.09758102	4.09167582	2.82116379	2.32113161	2.30474816	4.13026241	4.13271449
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3.14154216	1.85874921	2.14625696	3.20570148	2.15143072	1.28476083	3.17475526
0.21433745	3.10637495	3.53795443	3.23608317	2.62005867	1.00E-04	1.89792934
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2.26671958	1.00E-04	1.02535344	1.17360218	0.48691126	2.14470199	2.04625257
1.97284748	1.75815446	1.63165084	1.58559974	1.56404328	2.31772625	2.11461422
2.77474196	2.20202923	2.70747268	3.24073506	3.18210332	2.8519478	2.83851995
3.79677618	2.81103181	4.54659168	5.02241501	4.88575571	1.97928587	1.89256062
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1.78871325	1.10823044	1.37050324	2.1043686	1.54015033	1.00952146	1.35340576

4.41002109	1.51589799	3.64534739	4.12321109	3.93551972	3.69023198	3.58348685
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1.00E-04	1.00E-04	2.37582236	2.31193354	3.06976976	1.00E-04	0.62168103
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3.5348087	1.00E-04	2.69695023	2.92738176	2.829686	2.90214438	2.49296939
0.98963742	2.0843837	2.86696325	2.11809589	2.49289933	1.00E-04	1.00E-04
5.14100129	4.79164415	4.45493043	3.87887717	4.04999771	5.7362616	5.7948829
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4.24109771	3.53124999	4.34664143	4.36143643	3.70966542	4.36778408	4.31708661
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1.29497678	1.30959702	1.62777503	2.15031094	1.91370686	0.79958263	2.07821637
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1.95323679	0.68407235	2.51396319	2.8823644	2.8672777	2.20188037	2.37008899
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26451839	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13823142	0.23069231	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	0.57816024	0.12795857	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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0.77004774	1.00E-04	0.81697134	0.67042012	0.6052087	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	0.0691919	0.08509915	1.00E-04	1.00E-04	1.32208337
1.00E-04	1.00E-04	1.31881826	0.16379225	1.00E-04	1.00E-04	1.00E-04
1.69887105	1.00E-04	0.560572	1.00E-04	0.34391084	2.80233535	1.25928166
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1.00E-04	1.00E-04	0.10181419	0.14244825	1.00E-04	1.00E-04	1.00E-04
0.64452736	1.00E-04	0.10835368	1.00E-04	1.00E-04	0.96274275	1.00E-04
0.95073037	1.00E-04	0.70264685	1.09733013	0.66826737	1.00E-04	1.37473741
0.68251126	1.00E-04	0.10435943	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2242881	0.30251907	1.41606676	1.00E-04	1.00E-04
1.80025011	1.00E-04	0.39096151	0.43849841	0.78447545	1.15746526	1.22180816
6.61446901	2.70152385	4.33885703	3.71914454	3.71574807	6.7932021	6.9231611
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3.1255645	1.00E-04	0.51218178	0.39418185	1.89112469	3.38318161	3.65045301
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1.00E-04	1.00E-04	0.36614979	0.25700124	0.46359559	1.00E-04	1.00E-04
0.63572075	1.00E-04	0.92946758	1.34608064	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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4.20530701	2.504801	2.84217836	2.36046948	3.08227439	4.46180327	4.69989334
1.00E-04	1.00E-04	0.9142813	0.16306371	1.74386561	1.00E-04	3.75017931
0.47948454	1.00E-04	1.09900345	0.4299485	0.31347113	1.00E-04	0.97863975
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3.45554769	3.28024476	3.03877673	2.67567036	3.26519235	3.2022049	3.92333341
4.50142986	2.7515768	4.2514642	4.61268159	4.72112881	3.62321324	2.90079654
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3.83804027	1.71913671	2.9183737	3.72638634	3.68473135	1.85883018	3.0971268
4.28495853	2.52081739	3.82897278	3.85912198	4.26521055	3.56226527	2.66677144
2.34862653	0.79637057	2.03422385	1.43407932	2.17193205	1.54219086	2.08301755
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1.22171707	1.00E-04	0.22775709	0.08009723	0.29662288	1.00E-04	1.00E-04
1.57536267	2.65212324	3.3327616	4.03931475	4.32351082	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	0.35202025	0.40047611	0.13025542	0.94543129	1.00E-04
1.33024595	0.68407235	0.13447001	0.86775435	0.87463259	0.74564767	1.00E-04
5.19378744	0.68407235	2.90407769	2.81203459	2.61559416	0.84497321	2.33179248
1.00E-04	1.00E-04	0.21815319	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37782006	0.37657098	1.16594952	1.00E-04	1.00E-04
2.68030529	1.43393804	2.13033657	2.48958153	2.78071418	2.09425363	2.8060685
2.12241453	1.00E-04	1.48305424	2.02787281	1.71851233	1.46633946	2.8499922
2.98887279	3.6080309	3.9517637	3.7994707	3.986342	2.76032774	2.32571588
4.46841732	3.42728033	4.60945733	4.77987667	4.72842799	3.91671933	3.96640304
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2.68979381	3.04534451	2.69174782	3.05643856	3.01695508	3.23429472	3.87510239
1.28196139	1.50795122	3.10771574	2.47691283	3.32503616	1.00E-04	0.94970493
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.33973935	2.15121057	3.52044968	4.21137908	3.96570304	2.09646419	2.94483032
0.39938451	1.00E-04	0.533563	0.63844629	1.93819401	1.00E-04	1.00E-04
3.30263639	1.54369962	2.9872249	2.50446334	2.71201	3.50942988	3.2926791
2.23444417	1.00E-04	0.4565268	0.34045879	0.6022253	0.94543129	0.54053641
1.14426583	1.00E-04	1.98472515	1.50712581	1.75786951	1.19129842	1.35163628
1.25882433	1.00E-04	2.06631478	1.63728711	3.24802239	2.50579294	2.00486924
3.89159455	2.14434856	3.80860141	3.27762358	3.61000287	3.390054	4.23788587
1.47238654	3.76585679	4.87333108	5.96390267	5.86585843	1.00E-04	0.7551454
3.79074065	1.92590544	3.28722071	3.8846384	4.14512489	4.57492116	4.20922937
0.13903126	1.00E-04	0.94586865	0.7960788	2.11288756	1.32651693	1.32157107
0.72193501	1.00E-04	0.82670803	0.41993997	0.7965954	1.18371736	1.00E-04
2.93740686	1.79172557	2.79100885	3.80234687	2.93855269	1.44044329	2.35789651
3.7890852	3.21241506	2.42446467	3.37242519	3.37507697	1.9712441	1.10714697
4.8914218	4.16822613	4.97208078	4.31559702	4.30894769	5.40993076	5.4911035
5.23850277	3.63586444	4.67368345	4.2315141	4.6170991	5.67859488	5.78817008
3.35915055	1.00E-04	2.82510452	2.71521304	2.51630543	2.74413868	2.75660633
1.47059829	2.32679645	3.1846646	3.28802235	2.62769189	0.72869785	1.15573112
0.61465858	1.00E-04	2.60972426	0.8513212	3.15893845	1.00E-04	1.00E-04
0.21026358	1.00E-04	2.16863243	2.33817918	3.18998785	0.96274275	1.00E-04
2.86910785	1.65675055	2.64673624	2.66875201	2.21202334	3.20632946	3.17243176
1.67647264	1.00E-04	0.6428486	0.39749195	0.56495221	1.08793411	0.35134699
1.00E-04	1.00E-04	0.20794336	1.00E-04	1.00E-04	1.11481773	1.00E-04
1.2492909	1.00E-04	1.93523529	1.01110633	1.87602284	1.12755498	1.01208735
4.30931319	3.23599712	4.60029553	4.25657158	4.534929	4.23690692	4.49674276
3.26977379	2.11285564	2.7488171	1.87663144	2.35953848	1.80054062	2.19788172
3.5088389	1.1166062	2.9126639	2.73373133	3.04673317	1.76801762	3.11712566
3.8591793	1.97877679	2.77708976	2.90956584	2.96011815	2.6002261	2.72843648
3.89591519	2.0265446	2.85997703	3.06351486	2.49252546	3.24706947	3.48997502
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.66689705	0.43015079	0.46396519	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19340936	0.1285221	1.00E-04	1.00E-04	1.00E-04
0.40145956	1.00E-04	0.1732285	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1676056	1.00E-04	1.77279327	1.42428252	2.05667745	1.12785157	1.00E-04
0.16938651	1.00E-04	1.00E-04	0.10897151	1.00E-04	1.00E-04	1.00E-04
1.7937205	1.3348453	2.19685908	2.20658448	1.85367917	1.59063101	1.75191488
1.00E-04	1.00E-04	0.18543886	0.40269022	0.21536766	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19696835	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.84657449	0.23019643	0.3460831	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54989677	1.00E-04	1.12523732	0.53347605	0.28239996	1.00E-04	1.00E-04
0.85715285	1.00E-04	0.34370702	1.00E-04	0.09814195	1.00E-04	0.40038755
1.00E-04	1.00E-04	0.09182604	0.29655755	0.36436816	1.00E-04	1.00E-04
1.51798768	2.2605754	3.4805383	3.66329397	3.18006123	1.00E-04	0.56264051

0.92835032	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.61085165	3.36458832	3.57187661	3.4872342	1.00E-04	1.75063081
1.00E-04	1.00E-04	0.43415465	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1136802	3.86948194	4.95653386	5.10690951	4.93624389	1.00E-04	1.97734291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10803067	2.85637776	3.89591412	4.45240112	4.2565586	1.00E-04	1.67804886
0.59799139	2.96189516	3.71034399	3.4152274	3.57388815	1.00E-04	1.43838478
3.8172098	1.21891	2.28443574	2.99195346	2.44772185	3.59828058	3.33680415
1.45302229	1.00E-04	0.39136617	0.51573284	0.77495782	1.22399854	0.93074312
0.17138323	1.00E-04	1.00E-04	1.00E-04	1.00259733	1.00E-04	1.00E-04
0.33374107	2.86174044	0.22686082	0.73921791	1.06815643	1.00E-04	1.00E-04
3.09130271	2.5910536	2.47260766	3.77503382	3.75344208	1.5971893	3.16759218
0.24629435	1.00E-04	1.00E-04	1.00E-04	0.3973058	1.00E-04	1.00E-04
4.0393634	3.15716515	4.16181134	3.372108	3.62521765	4.44533887	4.8570871
4.57186057	1.00E-04	0.15658592	1.00E-04	0.50017273	0.92751185	1.00E-04
1.3839273	1.84377745	1.50711918	1.30518087	1.06686746	1.39046758	1.82379358
1.00E-04	1.00E-04	2.00877757	1.1153617	1.69883727	1.00E-04	1.00E-04
0.66780632	0.68407235	1.32917253	1.61293286	1.14429921	1.00E-04	1.00E-04
2.75727505	1.2795411	3.06072302	2.59905212	3.31878517	0.83083207	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51754018	1.00E-04	1.39262333	0.33701153	0.63818396	1.00E-04	1.00E-04
4.39761901	4.32458817	4.28733817	4.48718922	3.93464134	5.20166096	4.96116752
3.82329204	1.00E-04	1.96815449	1.74244012	1.49841993	5.06173895	4.90967422
1.00E-04	1.00E-04	0.0697055	1.00E-04	0.09814195	1.00E-04	1.00E-04
0.06759249	0.71640521	0.22726749	0.21437951	1.00E-04	1.00E-04	1.00E-04
3.17179641	0.68407235	3.36618553	4.00883638	4.0895069	2.30545696	2.87771474
2.38471872	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26778572	1.00E-04	1.03872204	2.30260583	1.50755657	1.00E-04	1.00E-04
2.65926428	3.08980439	2.24069129	3.42388006	3.51619325	1.00E-04	1.7680649
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.31038015	1.28532547	2.36439558	2.87353093	2.60359248	0.94908439	0.87328242
0.06759249	1.00E-04	0.62014382	0.44939079	0.74245592	1.00E-04	1.00E-04
3.70829875	3.2836849	3.6389377	4.41192514	4.67255733	1.98477533	2.82601244
0.126224	1.00E-04	0.30361237	0.0824918	0.12233227	1.00E-04	1.00E-04
4.62635608	1.00E-04	0.55791958	0.63059247	0.6565217	3.69587651	4.18011366
1.28385375	2.47934199	3.37515388	3.43459739	3.66421119	1.00E-04	1.00E-04
2.86969309	3.14743212	3.52089016	3.13949892	3.46477859	1.61538235	2.30562443
0.50196199	1.00E-04	0.45173153	0.46363236	0.24564116	1.00E-04	1.00E-04
0.19984034	1.00E-04	2.1814869	2.03572106	1.75566132	1.00E-04	1.00E-04
4.83861461	4.58795737	4.46993081	4.7098467	4.55902117	4.19483154	3.98123646
2.16926333	2.80286118	3.4988543	2.82101231	2.84548548	1.81233139	2.84148481
0.32348982	2.30322842	4.41149646	4.13482805	3.77764487	1.00E-04	0.82029012

5.12537441	5.00039341	5.51497766	5.3186462	5.31320299	4.9944805	5.41322388
4.23785545	4.43056308	5.26367932	4.80460881	4.48420079	3.79944093	4.24918894
3.8003103	0.72877389	1.93898243	1.76752531	2.03711169	4.30483174	4.35650714
0.0746918	1.00E-04	0.13138027	0.0822006	0.12125625	1.00E-04	1.18453576
2.73077599	3.07145982	3.73657389	3.15891351	3.52627895	2.86676136	3.7712395
4.78196356	2.80270813	3.91281787	3.74217841	3.81578761	4.61701798	4.81960441
3.07880098	1.00E-04	2.14174246	2.53353372	2.00468349	2.80050839	3.29587735
2.74504787	2.51469542	2.48113509	2.31646934	2.51262535	2.004	2.61878902
4.10442405	4.00850259	2.88909887	2.78931861	3.05654118	4.32557196	3.71026469
1.86179336	4.60464113	4.9474241	4.257902	4.10621902	2.39218382	3.66412362
2.06676195	1.67118113	1.86342721	1.08310008	1.81595692	1.00E-04	1.93597993
3.97181855	2.09263117	3.27291805	3.17800728	3.41586929	3.3723153	4.03943186
2.97198085	1.2795411	2.45908288	2.76311926	3.13954499	1.8638326	1.00E-04
2.85530186	1.8037155	2.56579634	2.74779234	2.88897665	1.98455955	1.51289617
3.51993383	0.74506998	2.35691816	2.42065706	2.53433963	2.14808167	0.68773152
4.60080676	0.96847026	1.14715547	0.85151672	0.19639351	5.2561595	5.08104535
3.97113931	2.46712606	3.38871338	3.86477605	3.82610143	3.05752968	3.37719105
4.22441176	2.35403332	3.94594565	3.71413324	3.58447049	4.71696637	4.56943618
1.92479174	1.30842654	1.40804275	1.71673621	2.09081581	1.00E-04	1.12271955
2.53793331	1.19051366	2.50498766	2.29772522	2.46897003	3.01820385	2.62654229
2.67395068	1.19051366	2.43690182	3.3757394	2.1612482	1.38030435	1.82726579
0.46534707	1.00E-04	1.00E-04	0.26206385	1.00E-04	1.00E-04	1.39570363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.71293504	2.33100173	3.43683977	3.38194149	3.54638388	3.90217695	2.63475163
2.79246749	1.55838257	2.90404826	2.64975575	2.85156534	2.86725383	1.85449824
3.35315212	1.49342378	3.09640721	3.09717677	3.05224818	3.49527213	3.30414187
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14009469	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.29753325	1.03260308	1.00952146	1.00E-04
3.92715937	2.90787553	4.28810465	3.94602017	3.98101302	4.50326813	4.75865414
0.78380939	1.00E-04	0.39946404	1.48076394	1.10713244	1.51770022	1.5941013
0.19082602	1.00E-04	0.25463806	0.11606138	0.34428231	1.77136374	2.22137681
5.1283089	3.10686579	4.9022142	5.46809273	5.36347205	3.32179455	3.96616109
3.30857933	3.56176695	3.28464817	3.99141989	3.57529725	2.98785815	2.90611663
5.13428813	4.17077628	5.18973975	5.10510778	5.05519482	4.87580726	5.13391107
1.05412335	1.00E-04	0.62685356	0.07375842	0.21012168	1.00E-04	1.00E-04
1.00E-04	0.72877389	1.6183792	2.19299581	1.4635788	1.23897179	0.8126727
0.59313331	1.00E-04	3.93558505	4.00538592	4.04648848	1.00E-04	0.98620672
2.62998862	3.50374565	4.66635234	4.49129206	4.52883154	3.0802751	2.47808549
2.13637549	2.51719509	3.43735283	3.35543432	2.93153208	1.57388328	1.98169027
0.45397848	1.00E-04	0.11605641	0.36870358	0.48561251	1.00E-04	1.00E-04
0.22691814	1.00E-04	2.30481333	0.63132921	2.01717767	1.00E-04	1.00E-04

0.5031105	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.67086785	1.95460961	3.11936515	2.54097637	3.43662045	4.70219724	5.0453723
0.15230455	1.00E-04	0.15003529	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.60482815	3.39460674	4.36183763	4.19185447	4.70458722	3.65173392	3.58256449
3.04398325	2.12503922	3.33985917	3.58599456	3.68660934	2.30789765	2.54353166
1.48244753	1.54471013	3.88183144	4.25462703	4.27446401	1.00E-04	1.00E-04
3.77551659	2.87172714	3.60919612	4.09256489	4.20893684	3.28227141	4.02626972
4.03311883	1.81083596	2.92277565	2.68473791	2.91143515	4.1587547	4.36348902
2.28790552	1.00E-04	2.06922228	3.09071287	2.71161313	1.31443423	2.16667595
5.71441063	5.17781256	5.62410984	5.04735307	5.07302082	6.19300453	6.28147717
2.17700233	1.00E-04	0.0996928	1.12692211	0.32628112	1.00E-04	1.00E-04
4.22279179	3.44516985	3.85935647	4.18704316	3.97584185	3.84141421	3.81927941
1.25956839	1.77831509	3.7770358	2.4754607	3.48022211	1.15464519	3.30390758
4.35952274	1.58646789	3.39240386	2.96246714	3.30183098	4.68470563	4.79409696
1.70261502	1.30842654	2.20987957	2.12219768	2.57462428	2.82436592	2.98414972
1.13313043	1.42188456	2.60020012	2.32583162	1.93575412	0.92751185	1.69468998
2.83633745	1.28232395	2.19879552	2.93504795	2.92871484	2.19947266	2.13041233
0.82349493	4.3279983	4.72537417	4.40673178	4.47157468	0.89799762	2.08694729
5.0306617	3.47975972	4.20069707	4.55619377	4.58942588	4.44647952	4.99583725
4.58743053	1.72890878	3.26107038	2.69607416	2.60018451	3.37437453	3.42348148
3.8586273	1.3386578	3.17243725	3.07706764	2.89956785	1.00E-04	1.00E-04
3.48268486	1.85590278	3.43858253	2.68732236	2.83977479	3.74284536	4.22890761
1.98337051	1.45480715	2.37807012	1.80870306	2.0691226	0.88297287	1.00E-04
1.00E-04	0.74506998	0.84640022	0.17802138	0.59914096	1.78110488	1.00E-04
0.96839433	3.32595191	1.19642123	1.24974112	0.36097022	2.34989879	1.00E-04
2.24871446	0.68407235	2.11598316	1.87690904	2.29697185	1.58446089	1.81742564
4.99803149	2.6689682	4.66531511	4.80473437	4.75743203	4.58521019	4.69679959
1.00E-04	1.00E-04	0.18879696	1.00E-04	1.00E-04	1.00E-04	0.46517855
2.43714326	2.58985062	3.46529084	3.51834849	3.77056603	2.15935499	2.12344951
2.98709031	0.68407235	1.67662502	2.07608061	1.74376964	3.56723054	2.82153454
1.53691708	1.6116169	3.34330647	4.36675041	3.66395253	1.00E-04	0.41275046
1.00E-04	1.23005604	1.30692749	1.39452724	1.26620337	2.18375579	1.66808435
3.02520983	3.92162381	4.25452504	3.66722394	3.62658221	1.87415117	1.87231242
0.07341779	1.55271249	1.48276099	1.29478814	1.15808139	1.00E-04	1.00E-04
0.1343207	1.15872716	0.20831724	0.14136026	0.11639204	1.00E-04	0.83430531
0.58860009	1.00E-04	0.09402275	1.00E-04	0.1020411	1.00E-04	1.00E-04
3.55784109	1.2795411	2.54856763	2.76888598	2.96293228	2.83113146	3.31680697
0.58476889	1.00E-04	0.80995388	0.87269658	2.33606126	1.00E-04	0.72495184
1.39048422	4.63140136	5.37328154	4.8430325	4.6156118	1.21290128	1.39915941
3.74876547	2.20099253	3.67285185	3.9313052	3.99718914	2.68661383	3.63674038
0.59300981	2.73838223	2.93381804	2.62320039	2.49949445	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11586018	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58641857	3.85996769	3.80889367	3.18869287	2.9518395	1.00E-04	1.00E-04

1.28700745	1.00E-04	0.40943068	1.00E-04	0.19089153	1.41775707	0.68773152
1.00E-04	1.00E-04	0.23855501	0.19340178	0.25509675	1.00E-04	1.01194579
4.35177238	2.42789157	3.55553742	3.56936432	3.37954055	3.12452105	3.49334117
1.26344015	2.12530569	3.57669923	3.22348145	2.94319857	1.96709745	1.00E-04
0.17029242	1.00E-04	0.19787707	0.29549876	0.08815268	1.7439468	0.62168103
3.63738658	4.64932067	5.35424614	4.63279325	4.83544568	3.99041906	3.8777423
2.42589303	1.21769093	2.52604871	2.32653086	1.90783909	2.39479197	2.16522878
2.90713676	0.74506998	2.48478458	2.2790884	2.10012464	2.29770847	3.28969764
4.96704274	3.75644136	4.49550197	4.00585738	4.27511592	5.58007468	5.22130325
4.43694943	3.19888324	4.46857284	4.03159702	3.96747832	4.34408906	4.73505223
3.95418407	2.23620724	2.78760482	3.20518219	3.09959365	3.11998693	3.97388511
5.18926129	3.60481372	4.50799526	4.11941213	4.18163562	5.36240757	5.34563662
2.74159907	2.29025261	2.86137141	2.57304068	2.64936102	3.29292835	2.71747032
5.23745506	2.81964657	4.51470071	4.13771559	4.06188228	5.2493943	5.41461847
3.55955888	2.9618262	4.04110895	3.24394331	3.75273251	3.87788822	4.32213334
5.83514541	3.46231086	4.52074895	4.29846747	4.45889101	5.97622909	5.77839455
3.75747704	1.47804223	3.39417636	3.91532374	3.64800379	3.64994983	3.46461253
3.57041374	2.19081374	2.51405438	2.05753116	2.97125041	2.98764287	3.09082089
4.03077041	2.79237528	3.77403518	3.49947356	3.69834125	3.61020811	3.63543948
3.42878471	1.2795411	2.49903791	2.85128903	3.25793378	1.94758451	2.81496167
3.65979127	0.68407235	2.43445627	2.91707415	3.13983828	2.91279256	2.03099
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.9228289	1.78816758	3.26914192	3.9902816	3.98185162	2.90926566	2.90537754
4.86321375	3.20411359	3.77436912	3.84239454	3.84656604	2.37658529	2.94859717
1.74103479	1.00E-04	0.94729326	0.82249264	1.23867103	2.29418277	1.38955254
5.08210185	1.00E-04	1.65393985	1.00E-04	0.46084848	1.00E-04	0.78143134
0.85231011	0.68407235	0.46628973	0.83659926	1.90869318	1.00E-04	1.34083346
5.20831212	4.33390352	4.63064843	4.27441255	4.22858486	4.58611173	4.83459569
2.41389672	2.51865599	2.68520708	3.02301556	3.1942691	1.76709314	2.62670511
1.91098388	1.00E-04	0.68566079	1.00E-04	1.00E-04	1.91965328	2.24970584
1.47737032	0.87456952	1.79759047	1.54459067	2.29921785	2.43931124	1.29750152
1.00E-04	1.00E-04	0.42344028	0.08509915	0.14152107	1.12978361	1.00E-04
2.44986945	3.02767569	4.68142535	4.19625027	4.39561224	2.64521042	2.9984696
0.10913195	1.00E-04	0.28060808	1.00E-04	0.19681031	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45715409	1.00E-04	0.16549647	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39750534	0.8339972	0.59094159	0.55405291	0.36943634	0.94908439	1.00E-04
0.26071885	1.00E-04	1.04588031	0.54678428	0.52953294	1.64001363	1.00E-04
0.07341779	1.00E-04	1.00E-04	1.00E-04	0.19524902	1.00E-04	1.00E-04
1.60077714	1.00E-04	0.3402514	0.36280198	0.47556387	1.00E-04	1.00E-04
3.34202757	1.5831983	1.88062695	1.20414812	1.66864677	3.62561196	2.13223181
1.08005658	1.00E-04	0.06844824	1.17813827	0.199131	1.00E-04	1.00E-04
1.33301223	1.00E-04	0.65582215	0.50931881	0.25752753	1.63825757	2.17311687

5.47856876	4.5373487	5.49963846	5.15950533	5.14551641	5.45291541	5.3132165
2.82578516	1.00E-04	1.98271045	1.75299428	2.41350673	2.62525619	2.2642969
4.47767318	3.78156714	4.0356477	4.08850342	4.03000312	4.66525866	4.85602577
3.20066983	2.10871739	3.37493114	3.83387769	3.58898723	1.53411426	2.34373915
1.91233502	1.55094623	2.62366973	2.71058308	2.37866703	2.0109814	1.00E-04
0.11393665	3.58225766	4.91259636	4.07995383	3.80105553	1.00E-04	1.00E-04
4.08190127	3.76111233	4.4390652	3.27963591	3.68540752	2.42696512	3.25753901
2.30257662	1.00E-04	0.87263548	2.02848852	1.98468986	1.47801642	1.00E-04
3.16438603	2.61851298	2.513584	2.52508251	2.01118155	2.50610118	2.53678112
3.44685011	3.47169251	2.82465485	3.03500238	3.25023489	3.51295411	3.53545143
3.75261599	1.99926487	3.46839381	3.25823588	3.40878365	4.39547533	4.34454512
3.23599527	3.24515299	3.15433142	2.95790953	3.22977336	2.96639475	3.39036995
5.662512	4.51239025	5.41454816	4.76219662	4.67782173	5.93494636	6.24154323
3.47350562	2.70344096	3.81165291	3.32907899	3.07182134	4.074856	3.98629796
2.95801197	2.98219404	4.18903771	3.59783933	4.16792228	2.42628041	3.04854874
2.90344081	1.00E-04	2.07579589	2.3234393	2.64126216	2.55465541	2.74497239
0.96817246	1.00E-04	0.46345881	0.10002134	1.00E-04	1.00E-04	1.00E-04
0.08716682	1.00E-04	0.09910618	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37074536	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17385489	1.00E-04	0.62188842	0.24668031	0.13025542	1.00E-04	2.09373251
1.00E-04	1.00E-04	1.00E-04	0.21662831	0.14152107	1.00E-04	1.00E-04
0.31023815	1.00E-04	0.08218983	0.40829784	0.27141073	1.31151447	1.00E-04
1.00E-04	1.00E-04	1.09106317	0.10902669	1.0999285	0.9559646	1.00E-04
1.00E-04	0.87456952	1.50004455	2.40865576	1.88272466	1.00E-04	1.00E-04
0.58435061	1.00E-04	0.79467453	0.15252002	0.74590543	0.84497321	1.23052273
0.19336288	1.00E-04	0.25797318	1.00E-04	0.15565817	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17606757	0.10897151	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.7383041	0.43339763	0.58202812	1.00E-04	1.00E-04
0.97991184	5.06382325	6.56296826	5.88387973	5.92898588	0.79958263	1.96005426
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46028334	2.93540491	0.81327164	0.71099475	0.47381641	1.43564554	1.13658288
0.27811464	3.35702438	2.2304409	1.56655303	2.60583175	1.00E-04	1.00E-04
1.00E-04	1.46320136	2.6144005	2.21858778	1.17052188	1.00E-04	1.00E-04
0.29412275	1.00E-04	0.4765527	1.00E-04	0.12391687	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33426501	0.13046994	0.13820197	0.94543129	2.2261633
1.22060814	1.00E-04	0.47016146	1.41002376	0.68845105	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68407235	1.7320958	0.89858125	0.14163853	1.23897179	1.00E-04
0.09312933	1.08649412	1.89769495	0.73508657	0.15169238	1.00E-04	1.00E-04
2.89880965	1.00E-04	0.21840811	0.09740575	1.00E-04	1.00E-04	1.00E-04
5.3731864	4.90680612	5.56685138	5.25535554	5.32476813	5.35401976	5.71852867

3.37832512	1.00E-04	0.26820023	0.59154429	0.30376704	0.95102466	1.15573112
2.33765575	4.15202706	4.47599335	3.56213288	3.8316074	1.00E-04	1.00E-04
0.5031105	1.48083751	3.03456393	2.49735843	2.7430408	1.00E-04	1.00E-04
0.28116976	1.00E-04	0.74608789	0.51158234	0.70278033	1.00E-04	2.24540271
1.99574698	3.8296361	3.93151292	3.11810016	3.22641576	2.08456683	1.95551492
0.315248	1.00E-04	0.64134092	1.50896551	1.00E-04	1.00E-04	0.35134699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.59697883	1.00E-04	1.00E-04
1.96223113	1.00E-04	0.34182858	0.84134154	0.59183971	1.00E-04	0.40038755
0.15771706	1.8721307	0.50901488	0.71162273	0.84851225	1.00E-04	1.00E-04
0.26429471	1.00E-04	0.49922769	0.13013465	0.2873412	1.00E-04	1.00E-04
0.76899058	1.00E-04	0.22386041	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.329198	1.2795411	1.2829425	1.00E-04	0.41951316	1.42417159	1.00E-04
1.19707822	1.00E-04	0.09910618	0.10002134	0.09802713	1.00E-04	1.00E-04
1.49388551	1.00E-04	2.60518645	1.4743303	1.63106977	1.00E-04	1.00E-04
1.3707101	1.00E-04	1.00E-04	0.31079968	0.55644111	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.22978802	0.174948	0.60235212	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08518202	1.00E-04	0.25102441	1.00E-04	1.00E-04
0.52652068	1.48550561	2.72221001	1.90750203	2.5570788	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38104462	1.00E-04	0.38085367	0.51972278	0.09511513	1.00E-04	1.00E-04
4.09442395	2.64632137	5.11933569	4.93004994	5.07541417	3.03907245	4.18609498
3.22406466	1.00E-04	2.94059636	3.31246763	3.67413579	2.77173508	2.98500871
0.26484691	1.22609225	1.76449155	0.72957661	1.36192783	1.00E-04	1.00E-04
3.492399	2.81337673	3.55602244	3.13298294	3.02947679	1.00E-04	1.3983028
4.8925039	3.65111857	4.67070592	4.6218274	4.75010924	4.85114828	5.1337007
5.74087733	4.81357417	5.33801381	4.61611568	4.86320127	5.51737783	5.36856144
2.68098629	2.42351532	2.94331073	2.8909257	3.2008612	2.37480567	2.56408304
4.08944948	1.25509001	2.73233711	3.30098208	3.01873442	2.30343531	2.49973034
2.56872498	0.69779233	1.93088005	2.49575212	2.24503376	0.97058651	1.50201045
5.56537616	2.11229418	4.35822543	4.94416478	5.0892661	3.87588822	3.78365081
3.63720322	1.50546492	3.42140514	3.68941418	3.71762368	4.10889398	4.3194765
3.54731815	1.09568947	2.34362544	2.25109469	2.90712212	1.36130559	1.29476108
3.02459735	1.56775168	2.96886072	3.21351262	2.63998517	1.57898599	2.49202393
0.89732774	1.00E-04	0.97350908	1.21920259	1.36334752	1.00E-04	2.05280202
4.38610879	3.80392931	4.07914789	4.62517886	4.96098441	4.44585806	4.41457542
2.48213983	0.8358776	2.10383081	2.48360078	1.99025757	1.78677189	1.56709228
5.291601	5.00563071	5.17051677	4.83807721	4.88040221	5.88572208	5.93354363
4.71692834	3.15690403	4.34618857	4.25643714	4.36794707	4.47635173	4.98568915
4.26557506	3.48760907	3.79062488	4.16827632	4.29718046	4.40640297	4.46515041
4.04531194	3.61822563	4.15718357	4.39851638	4.210485	3.55068897	3.71889229
4.3323515	3.00367794	4.23438349	4.7087118	4.59982234	2.9743514	3.65675244
3.38304375	1.33386508	3.36958383	3.08756686	3.11812097	3.37038186	3.76680101
4.00627733	4.30721266	3.95498375	3.59170377	3.87518243	4.23531638	4.1609885

3.25815838	0.8339972	2.84641997	3.43882447	3.85282291	1.95054699	2.76378609
3.88317927	2.58316437	3.43741375	3.42748021	3.63890193	4.10429212	4.20373505
3.50700544	2.34711175	3.2224641	3.41753414	3.3715608	4.04547984	3.80390913
3.4468167	2.23077539	3.23179547	3.32742631	3.21704052	2.42057548	3.20162446
3.72353539	0.92068596	3.10193676	3.80424119	3.57352017	3.19218159	2.91196675
4.6166631	2.96176557	3.65167739	4.61408393	4.20149903	3.40538838	4.01643678
2.5686649	1.22644621	2.59150211	2.76464552	2.9624993	1.8427548	1.28842515
2.53027437	2.59817683	2.89956393	2.76490033	2.56468352	2.49472212	2.62233817
3.70402276	1.94902331	3.13139343	3.58778172	3.39249029	3.0380381	3.90409286
4.91934427	3.2168739	4.00757141	5.0325314	5.12211374	3.46067374	3.35066843
3.76073925	2.41484169	3.58841844	4.28406274	4.09745232	3.00695334	2.64386339
0.16708753	1.28518064	1.58505699	2.27713207	1.25167916	1.00E-04	1.00E-04
3.07912285	1.00E-04	2.0759012	2.10350524	1.60709896	1.00E-04	1.7928215
3.6129107	2.74891396	3.67654379	3.66239573	3.86906153	2.86694592	2.38259064
2.52108029	1.12769243	2.60877235	2.80545697	2.90014969	2.49965203	1.3356615
1.93529848	0.72877389	1.95964724	2.07034947	2.56863818	1.67068941	1.21902836
3.66218925	4.09021465	3.66588388	3.62905084	3.68011824	3.46322268	3.31051157
2.7550133	1.61569811	2.02679397	2.36794544	2.82111309	0.71661629	2.39581429
2.4455912	1.58124053	2.59197602	2.88418226	2.57296608	2.49568129	2.91333498
2.2952324	1.28352536	2.60964907	2.89184672	2.80086124	1.83852384	2.09072966
1.87695113	3.03264243	3.13865873	3.2484671	3.4330882	2.28997006	2.20116843
2.41651097	2.02617835	3.79268113	3.57049732	3.71976434	2.9950358	3.11094412
2.74280185	2.29262721	3.31547742	2.86827763	3.28713937	2.45907192	2.9383554
1.00E-04	2.26136155	2.95605228	2.28453118	2.70474801	0.46029024	1.26691255
5.34562235	1.00E-04	1.64152225	1.60651925	3.07071176	4.02388839	4.41532368
3.27951414	2.02121824	3.64823906	3.97616395	4.25912294	1.90725867	3.30941089
4.22906385	2.93373637	4.31036704	4.08482611	4.25658493	3.8508827	3.76708993
2.2284625	3.48958901	4.30372396	3.89372965	3.64695526	3.63787586	3.16323028
1.43594381	1.00E-04	0.55199072	0.34032807	0.87379557	1.00E-04	1.00E-04
0.56848232	1.00E-04	0.1428816	0.1648189	1.00E-04	1.00E-04	1.0244242
4.39242911	2.10824425	3.25977418	3.1656312	3.25091555	4.27542546	4.23976888
0.1343207	1.00E-04	0.2166067	0.35062684	0.21636884	1.00E-04	1.00E-04
5.34308227	3.79440452	3.64783465	4.24219965	4.44195751	4.31185048	4.36252401
4.19172725	2.98977173	4.13459604	3.23652234	3.72408853	4.74403295	4.77445254
3.13144938	1.51028258	2.72829944	2.79061197	2.61872513	2.48308291	2.07034437
4.47990498	3.57372522	3.73442513	4.82097213	4.53894709	3.74377132	3.45944786
4.65785135	2.76923839	4.01478791	4.54931969	4.43024194	3.25916837	3.75439237
4.09059447	1.95905521	3.74882974	4.56252207	4.53719209	2.47800691	3.14916192
3.80935022	2.94588533	4.07004924	4.72075163	4.904312	2.83324791	2.61776796
3.66152358	1.91946175	2.87027303	3.622289	3.56946237	2.94696922	3.1331844
5.9105379	4.11506643	5.05907552	5.97231654	5.82874761	4.47890227	4.57531917
1.00E-04	1.00E-04	0.1243805	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.62683402	2.30414393	4.06605357	5.0316251	4.71005685	2.68893503	3.61731702

1.00E-04	1.00E-04	0.38061645	1.56358047	2.78069527	1.00E-04	1.00E-04
4.62771376	2.74293792	4.69865371	5.45130299	5.43426975	2.50224179	3.53273717
0.27362071	1.00E-04	0.95077742	1.10435892	1.40784269	1.00E-04	1.00E-04
5.42195588	3.43948072	4.4272677	5.53219414	5.26622473	3.71480589	3.30222846
2.24148885	1.00E-04	1.61830779	2.2856331	2.69192271	1.00E-04	0.72495184
3.64045034	2.17014633	3.49778421	4.47947541	4.55238113	1.90176894	2.30801954
4.49717683	2.77226856	4.5134247	5.10521454	5.1196232	2.55077948	3.43121839
0.54192361	1.00E-04	0.10444449	1.00E-04	0.22921679	1.00E-04	1.00E-04
4.39104485	3.57210391	4.21414601	4.66603157	4.99120226	2.91020309	2.92538003
3.36558698	1.08649412	2.67589406	2.52620919	3.38894103	1.98930215	2.08400143
1.00E-04	1.00E-04	1.00E-04	0.11868081	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11438496	0.35371879	1.00E-04	1.00E-04	1.00E-04
1.55719247	1.00E-04	1.62963222	2.44128256	2.6239827	1.00E-04	2.85727245
0.12636275	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.85731917	1.00E-04	0.52745861	0.08490835	0.42798383	0.96326844	1.502599
0.36806273	1.00E-04	0.37424401	0.74195654	0.25823268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38287336	1.00E-04	0.48248635	0.23783398	1.00E-04	1.00E-04	1.00E-04
2.63013848	3.5521334	4.34780246	4.14822279	4.39999996	4.80488311	5.16661507
1.00E-04	1.00E-04	0.32181476	0.16411766	0.1253092	1.33356452	1.63357007
1.27853327	1.00E-04	1.00E-04	1.34330166	1.00E-04	1.00E-04	1.00E-04
3.96837212	3.27827238	3.90539068	3.39014565	3.85036261	4.41454294	4.08101965
4.36247999	3.3409475	4.77290523	4.27168815	4.53795623	4.8705058	5.3125974
4.3169194	4.63217973	5.37882237	4.99977407	4.95680025	3.71014162	4.59616696
2.77138182	1.00E-04	2.81655173	2.86075878	2.12813676	1.70491632	1.91403435
0.60679032	1.00E-04	1.00E-04	0.16411766	1.00E-04	0.46029024	0.9583037
4.89131065	4.61704611	5.09002459	4.58388162	4.59481089	5.23336047	5.06927665
2.36266425	2.60412206	2.40760795	2.60218609	3.29125269	2.09359206	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17638133	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22374439	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.5420758	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.47896098	3.28540189	3.99897182	3.9983621	4.28180861	1.51019176	3.7271379
1.00E-04	1.00E-04	0.07819003	1.00E-04	0.16358717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12125625	1.00E-04	1.00E-04
4.29671216	2.23920402	3.54514089	3.62356227	3.50488572	3.99590036	4.21037218
2.48696355	0.92068596	2.01184466	2.5143868	2.97643418	1.54384381	1.49737888
3.49060781	3.14649047	3.64671773	4.16118845	3.58891713	3.33129926	3.80844652
2.03606999	3.4277491	3.44930953	2.01836302	1.75397652	3.03892632	3.62542699
0.09976055	1.00E-04	0.15485705	0.51586168	0.54792764	0.95102466	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09176315	0.27615182	1.00E-04	0.9559646	1.00E-04

2.25764319	1.14856053	2.05872132	2.20287965	1.88645621	0.85260137	1.54226431
1.89650503	1.00E-04	1.79562368	0.78727991	0.85818192	1.42971683	2.19735595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.35414954	0.68407235	1.36834022	1.27382567	1.573522	2.02099941	1.08092686
4.63816276	0.68407235	2.36789397	2.73425199	3.33642798	2.44020348	2.89546986
4.09029587	4.0733845	4.94671433	4.66458425	4.60941843	5.09497175	5.37625425
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.83622713	1.56775168	2.65336017	2.33660186	2.40397108	2.79725896	2.51613562
3.1075482	1.61300438	3.263815	3.3493952	3.30750383	3.33765684	3.21209963
4.27600589	2.10458273	3.50009366	3.2189264	3.01532735	4.36608495	4.28947068
2.56620338	2.27801923	2.01880675	2.18096186	1.76324008	2.38483867	1.80602466
1.35687061	2.04534035	2.11414409	1.5805275	1.24836015	1.00E-04	1.00E-04
4.11802417	3.38227059	3.5950207	3.06441358	3.55698041	4.49537439	4.25505228
3.68195842	1.89818084	3.02709557	2.94748429	3.17567418	3.1260044	3.64409106
3.28446129	3.36019565	3.69580713	3.69869627	3.59212615	4.67024321	4.76584048
1.35896026	1.00E-04	0.6834988	0.76294598	0.62841639	1.00E-04	1.1474645
1.00E-04	1.00E-04	0.19111982	1.00E-04	0.29574582	1.00E-04	1.00E-04
0.93515814	1.00E-04	0.59712475	1.72828176	1.86970365	1.00E-04	0.316869
0.33113827	1.00E-04	0.2285055	0.62192446	0.65724119	0.81859263	1.00E-04
3.2901524	2.43185377	1.95779738	3.07421257	3.79036527	1.39885208	2.83517824
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13214734	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.80607155	3.27612209	3.1559258	3.76324607	3.95251765	3.25532716	3.69980798
4.84740444	1.00E-04	0.79720648	0.11606138	1.00E-04	2.00887844	1.00E-04
0.70065635	1.00E-04	1.00E-04	0.14621476	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14643558	1.00E-04	1.00E-04	1.00E-04
3.69597814	0.79637057	2.24898342	1.14157146	1.58309269	4.78567385	4.80426607
2.10185549	3.4868927	3.68015005	4.09551819	4.17633884	1.00E-04	0.48671447
4.49378196	3.64900267	4.45212212	4.17084352	4.03990088	5.11180679	5.09289736
3.50687886	2.76723723	3.07630439	2.64973378	2.94084927	3.72425167	3.7187826
1.76699238	3.0351971	3.05896448	2.82171218	2.31334173	0.95102466	1.00E-04
0.43281108	1.94823331	2.5089034	1.6532861	1.79779736	1.24135441	1.00E-04
1.00E-04	1.00E-04	0.08746931	1.00E-04	0.31990848	1.00E-04	1.00E-04
1.00E-04	1.82088871	2.38056313	2.63360772	2.64559755	1.00E-04	1.00E-04
3.59985472	3.15081136	2.77924153	3.20462198	3.04262693	3.60327643	3.38308899
3.40480336	0.92068596	2.83683142	3.1242661	3.03990123	2.88617833	3.44648764
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.35438596	3.25417218	4.54847854	4.15873667	4.44835197	5.25123975	5.12019499
2.39928402	1.19749663	2.55476915	2.94046316	2.0013141	1.5698429	1.4377776
0.59313331	1.00E-04	1.08116149	1.85198403	2.05325304	1.00E-04	1.00E-04
4.13706119	3.5198199	2.18848794	2.17095448	2.36914199	3.00126391	3.66541776
0.16999556	1.00E-04	0.13447001	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.71790618	1.00E-04	1.1592276	1.52449761	1.80531646	1.00E-04	1.62845671
2.30413649	2.5910536	2.71622083	2.63839592	3.14843703	1.88775736	2.51684249
5.64457492	4.707151	5.11115694	4.63319416	4.68088393	6.05540423	5.81579861
1.40077596	3.04244148	1.76299588	1.97266681	2.32286362	0.71661629	2.60226075
4.86531886	2.8983728	3.67085393	4.02004024	3.87309288	5.00660788	5.06873516
2.70125832	1.16726039	2.37854949	2.50060297	2.54498889	2.94922515	2.27372858
3.34164237	3.2005942	3.43717843	3.92659005	4.18493227	2.03765574	3.1308776
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07079863	2.22165818	2.51140436	2.62957398	2.45050848	2.61256199	2.60475323
2.46701974	1.3106013	2.44594898	2.35838902	2.80447243	1.12785157	1.45295266
4.66067463	3.34894842	3.92166528	3.78039876	3.81187735	4.19692263	4.77176522
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.42162833	3.97384322	4.67332812	4.19087019	4.05140511	4.13111534	4.53589182
6.68686245	5.94039132	6.58920564	7.56848822	7.22625117	5.35972882	5.69941805
1.03271169	2.87921709	3.64465257	3.84015455	3.91857812	0.81261445	0.316869
0.98804582	1.00E-04	0.25289002	0.18512001	0.24094174	1.00E-04	1.00E-04
3.16818431	3.16339823	3.70840433	4.65529519	4.24878132	1.81860998	2.66645745
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.11452864	1.00E-04	1.00E-04
0.58044849	1.00E-04	0.97619339	1.08791959	1.00E-04	1.00E-04	1.00E-04
4.46392217	2.90091531	3.74277288	3.83853703	3.93911647	4.19749279	4.45857711
2.95732695	1.78987721	2.63565364	1.96225779	2.48478251	2.59775332	2.14485765
0.49326215	1.00E-04	1.43053204	1.45471732	1.96355728	1.00E-04	1.00E-04
1.13278411	1.00E-04	0.1476725	0.2904411	1.00E-04	1.15464519	2.34699442
4.56952493	3.09657561	3.5987418	3.29339788	3.52567469	3.79675614	3.97149616
3.23239208	3.47734294	3.49855205	3.32140763	3.50686008	3.45051162	2.73974383
0.51571592	1.00E-04	0.0779111	0.24432833	1.00E-04	1.00E-04	1.00E-04
0.57683049	2.21542479	4.1352497	4.56685503	4.70790441	1.00E-04	1.00E-04
3.89799153	2.92410061	3.16105406	3.34857327	2.93866718	2.91541915	3.42142106
2.0624596	2.39239101	3.87306875	3.39563119	3.68266675	2.72116443	3.04099244
1.00E-04	3.40564227	4.28428912	3.73381821	3.90960001	1.00E-04	1.00E-04
1.88565094	0.8358776	2.41683106	2.29592528	2.06569832	2.91077157	2.25991812
4.12025136	2.94485838	3.72212256	3.13681597	3.28122908	4.73344126	4.39957576
0.07341779	2.92650047	2.15550253	2.12725412	2.96388989	1.00E-04	1.00E-04
0.93293278	2.27801923	0.09377747	0.16301349	1.00E-04	2.75589581	3.16774767
1.90535702	1.00E-04	1.35991698	1.1429524	1.10605348	2.20723407	2.4559338
4.00292575	2.95381613	3.73336419	3.24989627	3.28945928	4.16418565	4.29414562
3.04129275	0.69779233	2.10455914	2.4665408	2.12820681	1.68368548	1.19364911

2.71087303	1.00E-04	2.10663293	2.05604167	1.48847865	2.07730516	2.60687383
2.62598892	3.96746747	4.35081394	4.13723654	4.02233821	5.01553033	4.80159052
3.28854713	4.55573088	4.71880498	4.54465265	4.18430144	3.09955956	3.15884742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1782204	1.00E-04	2.28139878	2.27444669	2.24113225	1.44286217	1.00E-04
1.36356784	1.00E-04	0.70819539	0.66453003	0.72902419	1.00E-04	1.378138
1.00E-04	1.00E-04	0.27293013	0.09790117	0.81192265	1.00E-04	1.00E-04
1.05656857	1.00E-04	0.18526453	0.68623623	0.29440484	2.31232686	1.9323624
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.74947104	0.15733378	0.1476729	2.09960145	1.5737151
4.53572292	2.83846678	3.70238474	3.19605604	3.61744102	4.9997775	4.94992283
0.54929942	1.00E-04	0.48058474	0.47614666	1.16594952	2.22144649	2.6367338
3.05739185	4.45711527	5.03378766	4.42181752	4.6137846	2.37701202	3.49009736
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07227876	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47544583	1.00E-04	0.8356772	0.4961418	0.54448246	1.45253608	1.00E-04
3.90240835	1.71819408	3.34383338	3.2661751	3.57599862	2.80658206	3.38011752
1.00E-04	1.00E-04	0.36864701	0.11604183	0.10702905	1.00E-04	1.00E-04
2.02137388	1.28352536	1.6091206	1.23536477	2.28780627	2.2606298	1.15904505
4.18430286	3.32425409	3.75520942	3.25957851	3.39314938	4.23175357	4.16026754
3.99360815	1.99187663	3.45875242	3.47644761	3.87032608	3.79151794	3.82673151
2.71912772	3.39622715	3.41426847	2.87229883	3.34303659	2.40306095	2.26885186
0.90696239	1.00E-04	0.29941117	0.36158455	0.4031642	1.00E-04	0.48671447
4.98020867	4.22077808	4.98574737	5.1495279	5.10052042	4.950724	4.98714189
3.92557659	2.59676402	3.49009918	3.64330685	3.92659632	3.91895865	4.41263023
1.53897729	1.00E-04	2.1959101	1.01932781	1.26352958	0.62567961	1.57191465
3.90817961	3.17680619	2.72033414	3.29217872	3.68075397	1.98909404	2.28836185
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.57183409	1.2795411	2.98501307	2.90661651	2.96918299	0.71661629	2.06918741
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14163853	1.00E-04	1.39686577
2.24142928	3.47936216	4.49934474	3.90270579	4.40168414	1.00E-04	1.49293154
3.51278368	1.00E-04	1.43389791	1.85360939	1.79882654	3.01210181	2.15009112
4.56888761	3.24445031	4.41669273	4.37068662	4.24910439	4.43414316	4.84952158
4.39743243	3.00918557	2.54116068	1.93633007	2.85828772	3.51729752	3.52382841
2.9263089	1.00E-04	1.39173245	2.58134109	2.06546333	1.38927927	1.64240451
1.37871493	4.40367931	5.31733123	4.42336444	4.87520064	1.69366726	1.01208735
3.15165374	0.8339972	0.75217146	0.76583782	0.43204544	1.00E-04	0.79505536
0.09838717	1.00E-04	0.44315931	0.53123109	0.54033372	1.00E-04	1.80842558
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.33323075	4.91062419	5.76648568	5.40571833	5.41139982	5.22931241	5.38093044
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.99912927	3.52080528	4.13048431	3.92394346	3.82824453	3.82739518	3.84702377
2.24941674	3.57203284	3.95592306	3.84837792	3.7855775	2.88229701	2.21304559
5.35019009	4.58438001	5.65435421	5.00857945	5.08019337	5.57275445	5.32072043
4.49768615	3.15749459	3.98641664	3.69746162	3.65040392	4.29039533	4.19119332
5.28322413	3.85782992	4.59263793	4.23421647	4.22718417	4.7232446	4.80011463
4.89481255	4.12206889	4.52101483	4.49512367	4.30811326	4.54461779	4.51560301
4.19958789	2.72739143	3.51701284	3.61800285	3.73304281	3.82757618	3.41546418
3.7485752	1.21891	3.2259883	4.02189801	3.90060741	2.96856832	2.82556327
0.06336707	1.00E-04	1.00E-04	0.11299645	1.00E-04	1.00E-04	1.00E-04
0.16999556	1.00E-04	0.60571008	0.07577735	1.00E-04	1.00E-04	1.78502489
4.87881438	5.67469713	6.4694718	5.99621908	5.97320649	5.07115236	5.08814286
3.38693118	2.40823382	2.56244922	2.99249747	2.65005335	3.28837276	3.18223718
2.85033401	1.63330261	2.45732918	2.37569607	3.13894504	2.67525161	2.91327505
0.14735492	0.87612072	0.50311729	0.0814007	0.44441022	1.00E-04	1.00E-04
2.75527265	2.12949275	3.43018495	3.00874429	3.32701999	2.26133649	1.47421795
2.31201683	3.03551956	3.74379222	3.75354302	3.77410608	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.32758124	0.69542593	0.67759955	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.38577766	2.34589495	3.68474898	4.60178129	4.35347101	1.46021335	1.44470022
1.84630772	5.71911911	6.87308675	7.54235533	7.31162784	1.37124177	3.02432553
2.74091799	2.27801923	0.73756987	1.24916797	1.27515677	2.70251521	3.38104602
2.56148988	0.68407235	2.73799208	2.9635659	3.52859919	1.12785157	2.25507605
5.46360408	3.55102957	5.53062397	6.37483842	6.36475073	3.1845464	3.87905321
2.67158949	0.8358776	2.0006563	1.67294916	2.03585968	1.58253981	2.31158578
2.10164734	0.8358776	1.49984085	1.46859543	1.02469248	1.50529783	1.32326129
1.33054389	1.00E-04	0.99940654	1.18571624	0.79624345	1.64428894	1.00E-04
4.0002591	3.63650185	4.23176093	3.76353162	3.96344781	4.36112635	4.10153693
1.00E-04	1.00E-04	0.46792872	1.24609647	0.95450216	1.00E-04	1.00E-04
3.96817074	2.75706769	4.15059766	3.64023461	3.60111189	4.09901299	3.8484401
3.13935862	5.03393761	5.05259005	4.78987823	4.76483912	4.04681699	4.01856955
3.20390461	1.52102673	2.37991599	3.09091848	3.23544297	2.16190143	1.7932046
3.34309709	1.00E-04	0.98657429	1.37123955	1.17104054	3.31795831	3.37373818
5.10517174	4.08553985	4.27267677	4.2689449	4.4436835	4.85754871	5.01899412
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.58027307	1.73975098	3.35969132	3.66786232	3.97738364	2.56040673	2.70412623
3.50214113	3.40833093	3.07805842	3.03956566	2.9564629	4.21670173	3.63575236
3.30716619	2.31073003	2.78780163	2.933668	3.21359283	3.26035581	3.25663561
3.12706161	1.16296659	3.14735145	3.25506693	2.73129783	2.40474294	3.2246466
1.3403793	2.71611576	3.4652326	3.05451059	3.14950257	0.88297287	1.68984479
4.46325017	2.71082677	4.08731377	3.23692128	3.69979285	5.05220111	4.7190504
0.09031792	0.8339972	2.11111147	2.67164955	2.8288883	1.00E-04	1.00E-04
1.00E-04	0.74506998	0.8829682	1.569552	2.17084086	1.00E-04	2.26298695
0.88353695	1.00E-04	0.1834452	0.11095817	0.10452963	1.00E-04	1.00E-04

0.06765176	1.00E-04	0.70097069	1.00E-04	0.23467918	1.00E-04	1.37041131
4.46216836	5.25131623	5.66478977	5.35436557	5.4366097	3.71743905	4.39261698
0.29781283	1.00E-04	0.31180046	1.19773953	0.18420248	1.00E-04	1.68343909
4.14420944	4.42061107	3.20979756	2.67566553	3.04754802	4.50522397	4.15755493
2.44820183	3.80862922	3.58502506	3.12567178	3.26337485	2.16041901	1.74021861
4.95460588	4.12088849	4.9533722	4.87895547	5.00392341	5.76584092	5.74118327
3.45496586	2.1091926	3.00906122	3.49008789	2.86135895	3.34962322	2.98723499
4.42118755	2.63714433	4.35449045	3.88991816	4.33155827	4.55382187	5.10166899
2.85705112	4.39001514	5.17947116	4.75197711	4.92616361	2.51123727	3.3278176
0.71050954	1.00E-04	0.15485705	0.13973645	1.1781506	1.00E-04	1.00E-04
3.006934	3.54071759	2.62496528	2.38979641	2.43789482	1.98437297	2.71715967
3.35725422	1.58646789	3.22471452	3.07838869	2.62151431	4.08714987	3.62066753
3.01883805	2.14167154	2.73760926	2.39206084	2.49965022	2.79982427	2.66413976
3.49090736	3.34863129	3.6343422	3.37898545	3.7042831	3.44088193	3.72284894
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20376324	1.00E-04	1.00E-04
0.95442418	1.00E-04	0.0575112	0.17258179	0.51924595	1.06582712	1.00E-04
1.43328038	1.00E-04	1.28083155	0.38455875	0.49489494	1.32413304	1.00E-04
4.22837579	3.51161964	4.12114317	4.50537656	4.78649101	2.65724464	3.64866714
5.31468986	5.54001603	5.18551243	5.63569844	5.60604665	3.87800476	4.61166771
5.13512601	4.1333939	4.66601937	5.04230014	4.71372042	4.12524234	4.10727189
2.4855006	3.17839193	3.08100822	3.59505407	3.00345423	0.72869785	2.35264162
1.00E-04	1.00E-04	0.07516994	0.09290426	0.11779102	1.00E-04	1.00E-04
0.16967021	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87952212	1.77703797	2.70561552	2.80667188	3.28631756	1.85979391	1.45295266
1.81536107	1.00E-04	1.93531229	2.60761163	1.66310145	1.00E-04	1.00E-04
5.57632993	2.25667593	3.07580617	3.82757001	3.74804316	2.45542977	3.0559551
2.369894	3.3018168	2.6126268	3.22551332	3.85664218	2.73161829	2.65130899
2.31955134	1.98996172	3.43526358	4.375177	3.49869275	1.31947418	1.86470273
2.73483895	3.18058913	2.79468493	3.1426184	2.81634023	2.16123933	1.72065124
5.64131182	3.29187002	4.6219666	5.09595851	5.14211677	4.29556923	4.30178011
0.82926237	1.3106013	1.86035612	1.82076607	2.48741827	1.6485068	1.00E-04
0.68906601	1.00E-04	0.07670308	1.00E-04	0.42569296	2.14722153	2.78900925
4.98430985	3.17898456	4.2606229	4.94851671	4.7128792	2.956273	3.29371069
0.78866356	2.65037966	4.22723327	4.09016171	3.96882758	2.18602134	1.00E-04
1.00E-04	1.00E-04	0.4585756	1.78823598	1.10038644	0.96274275	1.00E-04
2.23180994	3.93513261	4.14138789	3.9999133	3.82270105	1.00E-04	0.316869
2.32145205	1.00E-04	2.53448728	1.84688586	2.24138188	0.68203783	1.61795752
1.90394128	1.00E-04	2.1684718	1.85524365	1.40206937	2.3454829	1.59324281
0.78207515	2.43111746	4.08119073	4.30407096	4.31202947	1.00E-04	1.1853365
0.5373345	1.00E-04	0.09618263	1.00E-04	0.24099481	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35092906	0.23210552	1.00E-04	1.00E-04	1.00E-04
0.45579585	1.00E-04	0.14135843	1.26443807	1.00E-04	1.00E-04	1.31799764
2.07579788	1.00E-04	1.29657129	2.05045137	2.11889173	2.94812134	2.82647234

1.95020918	3.26194478	4.81026854	4.33688393	4.45984382	2.17591757	2.91426985
1.80370882	2.91856331	0.9168585	0.38134598	0.78062323	1.10522239	1.00E-04
2.2257319	1.00E-04	0.92160073	1.88420735	2.05377092	1.76034465	1.00E-04
4.69797761	3.55130727	4.54548616	4.30050921	4.34998822	4.87662331	4.91998378
4.28380154	3.40701091	3.44595316	3.23505769	3.52891072	4.75774042	4.57519567
5.48498336	4.19421815	4.99522431	4.84373834	4.85612301	5.59984168	5.46287511
4.49460066	3.15114755	4.11367313	3.64708226	3.56870859	4.852186	4.89407852
3.03804768	1.09568947	2.72613448	2.59302093	2.51141045	3.15337115	2.74905463
4.93699945	4.4410197	4.66229918	4.46107451	4.55661591	4.91902975	4.94899102
2.29261982	1.79243963	2.54510141	2.38925603	2.84420135	2.59532401	2.97292289
3.98746124	2.06977949	3.15864958	2.91155313	3.03562416	3.43750885	2.75830418
4.08152176	1.85484403	3.43813567	4.29200987	3.91100917	2.81957239	2.9949831
2.84123223	1.00E-04	1.87232262	2.18827169	2.71836474	2.70368537	2.48803063
5.65123488	5.1640526	5.77033993	5.31806221	5.28052872	5.93211085	5.7778537
3.91289284	1.00E-04	0.53438322	1.35438272	0.58333224	1.47697494	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.38996022	3.68395975	4.03789427	4.70987917	4.47060702	3.22024878	3.56353432
3.80775219	3.72850671	3.35172465	3.52201789	2.91451723	4.1406693	3.90036484
3.78151451	3.85868138	3.12354391	3.00917524	3.30835042	4.05683405	3.6370647
4.84049516	4.28984443	4.55984244	4.24712969	4.20977411	5.35888054	5.09284811
4.1326717	1.82234598	3.26969141	2.81356226	3.09417251	4.17891863	4.49851365
4.9513425	3.78034528	3.70604227	3.51205242	3.3480256	5.05509863	4.77570241
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1628471	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.31799764
0.90099869	3.45519901	4.35569428	4.10041827	4.21787418	1.90920215	1.97123918
1.00E-04	1.00E-04	0.64981854	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54462386	1.00E-04	1.63239091	0.43470727	0.7530512	1.00E-04	1.00E-04
0.42884272	1.00E-04	1.68450372	1.70102222	1.73666291	1.00E-04	0.83430531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.75321965	1.00E-04	1.00E-04	1.00E-04
3.57694297	3.82311758	4.12895068	4.67126221	4.60477528	1.17692992	2.73801599
1.59048801	3.06826429	4.73908396	4.32707473	4.49394593	1.70433464	1.26135756
1.00E-04	1.00E-04	0.18033801	0.81521553	1.00E-04	1.00E-04	1.00E-04
0.59313331	1.00E-04	0.40982176	1.00E-04	2.77557032	1.00E-04	1.00E-04
0.86173346	1.00E-04	3.33787627	4.27647564	2.54424135	1.00E-04	1.89092728
1.00E-04	1.00E-04	0.11159101	2.21311015	1.16070156	0.86494787	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1476729	1.00E-04	1.00E-04
0.06718044	1.00E-04	1.00E-04	0.16437409	1.00E-04	1.00E-04	1.00E-04
0.1343207	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75471186	1.00E-04	0.27451511	0.77808925	2.0138742	3.01700743	2.32708127
4.22942588	1.00E-04	0.2774476	1.00E-04	0.66813863	1.50643453	2.31414733

0.92559594	1.00E-04	0.12595457	0.09660285	0.23658997	1.00E-04	0.96329792
3.39033462	1.00E-04	2.02372074	2.34147188	1.49842879	0.94908439	2.37221095
3.68343324	1.80964288	2.73724629	3.206184	3.09789416	3.34102531	4.12237971
0.38047934	1.00E-04	0.84171256	0.85177782	0.29554295	1.63255249	1.00E-04
1.93426522	1.00E-04	1.21877981	0.80086858	1.11456048	2.11357881	2.11197112
2.68386523	1.47512058	2.3914309	2.30219183	2.24053868	1.9464834	2.65960519
0.72674195	1.00E-04	1.3113416	1.94894357	1.84819045	0.94908439	1.00E-04
1.54678072	1.00E-04	0.6542618	0.40686124	1.00E-04	1.4969668	1.28439123
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.16113704	1.52242334	2.49084435	2.71664091	1.71978019	2.06420936	2.57164088
1.00E-04	2.78409146	1.62733298	1.51048122	2.43521675	1.00E-04	1.00E-04
3.82289138	0.92068596	3.16298485	3.00026671	3.22142189	3.33263544	2.83496392
0.99598662	4.09727187	5.16135141	5.26628578	5.21023832	1.00E-04	1.00E-04
2.51448319	1.00E-04	2.12401794	2.44323669	2.18279147	2.06500584	1.46347951
3.99330632	3.62607407	4.88510382	5.67276433	5.38760302	2.64674922	2.89958401
3.87653298	2.63222807	3.24304164	3.25581974	3.42941284	3.36271726	3.37253527
2.51035588	1.12769243	1.90244558	2.13232432	2.24651346	1.94184916	1.00E-04
1.84621018	1.21780923	2.37570933	3.02170613	2.58774209	1.00E-04	1.46088974
3.67064055	2.6858684	3.7250428	3.75405291	3.94882575	1.89578291	2.65059501
4.51910686	2.91762563	3.79618499	3.70202723	3.78213207	4.07284339	4.77748804
2.29035297	1.00E-04	2.01228062	1.19116665	1.48343942	1.18371736	0.68773152
5.6409695	3.42128558	5.07610537	5.20380118	5.5852865	3.822161	4.56027627
2.86197872	3.22073631	1.87814642	3.04938422	1.98675163	1.09102431	1.88154777
3.87372615	0.68407235	3.84370298	4.36554002	4.3293729	2.92553354	2.82451985
2.79667369	1.12769243	3.00756792	3.41010894	2.94088636	2.18842091	2.78697192
3.68296362	3.31855226	4.31156148	4.2306397	4.16572846	2.82627498	2.93470084
5.80537498	3.74730679	4.02501063	3.73110299	3.62215702	5.40040039	5.56120045
1.00E-04	0.71640521	1.0258105	1.20713767	1.28324501	1.00E-04	1.00E-04
2.29828232	1.60874865	2.23618345	1.76663427	1.84304803	2.2301377	2.24399603
1.84025907	1.00E-04	0.41151516	0.31886297	0.60464797	0.62567961	1.59143528
0.35886391	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.40217914	2.74823384	3.26568574	3.41494092	3.73880033	5.03828935	5.15552227
2.86651062	1.00E-04	0.60007795	1.50011275	1.55616381	3.24544174	2.23973891
0.35383158	1.00E-04	0.64187861	0.90219498	0.70827797	1.00E-04	1.86161249
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74232796	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40360954	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42609047	1.00E-04	1.00E-04	0.08952278	1.00E-04	1.00E-04	1.00E-04
4.55021228	4.70406195	5.35635739	5.53302698	5.61954833	2.96886701	3.91085509
0.8540281	1.00E-04	0.42578893	0.40617825	0.38000074	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13734826	1.00E-04	0.11344173	1.00E-04	1.00E-04

0.45663653	1.00E-04	0.90437084	0.75394895	0.24795951	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.26596249	0.96376701	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.92938878	0.75629603	0.53008436	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.68428663	1.95423585	2.0603939	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.14523223	0.92293353	1.68090049	0.79958263	1.15481875
0.99076735	0.74506998	2.88120332	2.58359509	2.41756714	1.68240265	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11360406	1.00E-04	0.89807815	0.63294944	1.0188566	1.00E-04	1.00E-04
0.327471	1.63673082	1.53795601	0.94505446	1.32738945	0.81859263	1.4352796
1.72047239	1.00E-04	0.67533871	0.62838179	1.27209048	1.40857904	0.91051889
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35819933	5.60307536	6.38185409	6.09089536	5.94215235	1.00E-04	1.00E-04
1.75093896	1.00E-04	2.13013074	0.98142334	1.00322828	1.74908442	1.37898166
0.98377566	2.80957821	3.6863406	3.40769644	3.89651573	1.00E-04	2.01065585
0.53343979	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35204061	1.00E-04	1.51889656	1.90404145	1.53232895	0.71661629	2.09120768
1.00E-04	1.00E-04	0.2003616	1.00E-04	0.88921953	1.00E-04	0.56264051
1.00E-04	1.00E-04	1.04983205	0.72907315	0.83444945	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0697055	0.08952278	0.14478141	1.8702432	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14568771	1.30959702	2.26726217	2.32680618	2.48821504	1.91520008	2.33851806
1.00E-04	1.00E-04	1.00E-04	0.233241	0.19032625	1.00E-04	1.00E-04
1.42977372	1.00E-04	0.98841137	2.17759075	1.48974137	1.00E-04	1.57786527
4.67220645	3.2452669	3.02633442	3.07850126	3.18696827	5.52668668	5.33463773
2.05411405	2.36103206	2.38983332	3.10389672	3.5936443	3.19608315	3.3361256
0.59313331	1.00E-04	0.88225354	1.17708588	1.08027225	1.00E-04	1.00E-04
3.91146003	3.85244453	4.77253443	5.47034934	5.46420098	2.76665287	3.79293141
5.50209588	4.98254844	5.24664928	5.0330609	4.81041251	6.14886668	6.02977613
2.94087214	1.76951156	3.30207831	3.81235977	3.66787775	1.81545941	2.48357718
2.02017677	3.25084196	3.76352837	3.47748908	3.13170941	0.82693741	1.81512595
4.14230169	1.00E-04	2.44205681	1.98269688	2.38019789	3.4337962	2.98278753
5.2074343	2.91856331	2.90042321	2.35763754	2.71048984	5.89248332	5.7888854
1.83759106	0.87456952	2.05256394	1.54724994	0.98729851	1.00E-04	1.00E-04
3.39819696	3.16509083	2.74104447	3.35464579	3.62529834	2.82338916	1.61875122
2.66370653	3.29192375	3.654889	4.03878042	3.68462981	3.92401197	3.47796575
3.90131279	3.73174322	4.79295566	4.26632807	4.2938635	4.64811504	4.37892823
1.00E-04	1.00E-04	1.4934755	1.11359346	0.53572356	1.00E-04	1.00E-04
1.91605255	1.2795411	3.58513597	2.44872585	2.33442259	2.65441219	3.06947378
2.94416899	3.77714162	3.68054421	4.13273368	3.94511365	2.26316082	2.61996232
0.46376582	2.93447247	3.48082129	2.90161797	2.70170474	1.00E-04	1.94086476
0.48641797	2.89838349	3.12101973	3.08054623	2.75860128	4.84367643	4.19471149
1.00E-04	0.71640521	0.36950006	0.67995312	0.4658446	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.33356452	1.52150205

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65195798	1.00E-04	0.29965599	1.00E-04	1.00E-04	1.00E-04	0.83430531
4.20625052	0.74506998	4.01900249	4.50452322	4.60624102	3.2796193	3.3595816
4.07836047	2.84778557	4.2339094	3.69249145	3.63104291	3.34134227	4.11332335
0.78640046	2.91107877	2.53554194	2.52530239	2.249385	1.00E-04	0.74349156
2.9554826	2.05392107	2.84256999	2.34972316	2.48092264	3.13185587	2.63234601
3.11640459	3.46075554	3.82720879	4.09934378	4.40206776	1.96929802	2.79914196
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.87105092	1.00E-04	0.12615384	1.00E-04	0.79958263	1.00E-04
3.77446351	3.11870108	3.80933232	3.90163942	3.95493905	3.79155647	4.20754095
4.01490951	2.40196052	3.82618034	3.39522654	3.61420361	4.000243	4.47255916
4.07514797	4.04020363	4.74199515	4.38350959	4.71832782	2.35117145	2.94436732
1.63317229	1.00E-04	1.80677164	1.88484819	2.1714372	4.2917304	4.5479868
2.96980747	2.56658167	3.4805847	3.38161818	2.65613514	2.16255306	2.85604828
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.61932882	3.09181255	3.03805737	2.81901805	3.08022755	2.9926209	3.615634
4.77052798	4.00032668	4.26645617	4.44538017	4.19929728	4.72096226	4.8005414
2.17479419	1.87623487	1.88346337	1.84213178	1.43378842	2.62409185	2.72892207
0.67385363	2.74874513	3.95315857	3.60622196	3.88915568	1.00E-04	1.75375339
3.3268769	1.45207003	3.37287125	3.29270101	3.02005454	1.85717912	2.0623751
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.97239451	2.47270257	3.76452325	3.42663822	3.71619416	4.13860377	4.12675015
5.06955801	3.95235348	4.52001505	4.82265772	4.50201815	4.3125597	4.34082888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.72201012	1.00E-04	2.22574206	2.36085508	1.86565214	3.88306363	4.12448214
2.63068158	0.7902481	1.88798658	1.38146245	2.2774446	2.56913718	1.93816133
4.95130656	2.71109111	4.31890787	5.28819766	5.08522429	3.51114914	3.91106857
1.54941497	1.00E-04	0.27334233	0.08557886	0.56087163	2.45201457	2.48266107
1.66571386	1.00E-04	1.00E-04	1.10165998	0.09523547	1.00E-04	1.36514787
3.2829301	2.21847708	3.34035717	3.89155458	3.62707332	1.00E-04	1.87164888
4.75359852	1.16728446	3.31289279	3.91942038	3.91810478	3.00489153	3.47645531
2.95836452	0.68407235	1.76045406	2.50157302	2.99104273	2.13022894	1.00E-04
2.1127001	0.69779233	2.10346224	2.1747631	2.25297029	2.861558	2.50473643
3.16241452	2.64006731	4.01313786	4.07176548	4.2846075	3.10795171	2.11542434
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.30629517	3.22757377	4.0441027	3.41869888	3.60985977	4.32024616	4.49001065
5.04909444	3.0116306	4.25728665	4.07807477	4.17700576	4.82268232	4.85505448
3.21080177	2.10602348	3.36534383	3.45210789	3.41499354	2.91499266	2.78130523
2.53394134	0.7902481	3.16481753	3.30652001	3.01754313	3.08388	3.32509381
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59844748	1.75926508	2.43706968	2.24120713	2.73562816	2.70946807	1.87530269
3.05270992	3.02983745	2.54734934	2.23401456	2.55956125	1.83499521	3.36278238
2.94176033	1.47371673	2.17187724	2.59852892	2.8784384	2.39944649	2.46300989

2.81612323	2.01923679	2.58898426	2.51742468	2.17271775	2.80596027	2.75840134
3.05194171	1.39535389	1.47325281	1.38255061	2.51691845	2.55818856	2.61239896
1.29841772	1.3386578	1.29508585	1.00964261	0.33501486	1.15464519	1.43442423
4.88766277	4.33343584	4.87629996	4.40191959	4.62229853	5.33804558	5.45371193
4.70684112	4.60963064	4.96934343	4.47215138	4.81457333	5.28100901	5.24568325
4.39136894	3.33940478	3.81355787	3.75890933	3.96833916	4.22980063	4.44065634
4.20792813	2.77169714	4.06244049	3.70204142	4.30736525	3.84984579	3.73345363
1.00E-04	1.00E-04	0.13729064	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.91936123	2.31918238	2.91606525	2.57230717	3.35621238	3.36337387	2.56642546
1.00E-04	1.00E-04	1.00E-04	0.22578611	1.00E-04	1.00E-04	1.00E-04
0.49935047	1.00E-04	2.36011765	2.26095738	2.89988367	2.59509524	1.23440884
2.54851831	1.00E-04	1.12357867	1.22510861	2.26470166	1.28837704	0.72495184
0.58183937	1.00E-04	0.86223452	0.92816443	0.39692106	1.00E-04	1.00E-04
0.57241529	5.40347316	6.10372363	5.24736932	5.2824176	1.00E-04	1.32555848
1.00E-04	3.19695521	4.00039429	3.74775642	3.26441052	1.00E-04	1.00E-04
0.90135471	3.3494759	3.74672683	3.895768	4.17953121	1.53850256	2.00646437
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3476089	1.00E-04	1.00E-04	0.29877819	1.05013082	1.25061534	1.00E-04
1.27770984	1.00E-04	0.6023482	0.07008263	0.49330312	1.97210286	2.42731596
2.71742872	1.55094623	1.33197386	2.18535592	1.94087027	1.58840917	1.07127105
0.47074025	1.00E-04	0.7165818	0.2498478	0.35111897	1.00E-04	1.00E-04
3.14318978	1.08649412	2.52078194	2.48304421	2.88054159	3.64939805	2.62514363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6889222	1.00E-04	1.44325528	1.63123347	1.72155103	1.00E-04	2.44292062
1.21853432	1.00E-04	1.0267415	1.34796952	1.08080109	1.00E-04	1.01194579
3.94801182	0.72877389	2.7752801	2.82779079	2.35755603	3.36680672	3.61320114
1.87895343	1.00E-04	0.10137643	0.1053363	0.15169238	1.00E-04	1.00E-04
4.46400285	4.10482495	3.85028012	3.27041223	3.72957667	4.56716084	5.13635738
3.56317846	2.93390746	3.36026349	2.94619354	3.53852657	3.50317782	3.28969238
4.74992348	2.16292064	3.96958197	3.52711648	4.04383526	4.76425455	4.10211007
3.67125746	2.11323326	2.96235255	2.65990588	2.89067496	2.30621253	1.79122569
0.40749115	1.00E-04	0.33827471	1.00E-04	0.86711365	1.00E-04	1.00E-04
0.82334021	1.00E-04	0.6095687	0.73130385	0.98385093	1.27151876	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0824918	1.00E-04	1.00E-04	1.00E-04
0.51318524	0.87456952	1.50726439	0.59874402	1.55026172	1.00E-04	1.00E-04
3.70009972	1.78723964	2.84009917	2.96669365	2.34345779	3.08303448	3.43124525
2.80059065	2.18628712	2.99123487	3.19673874	3.48457084	3.24484707	3.38290937
3.69410512	0.8339972	3.29222975	3.68222103	3.94612646	2.9015509	3.16984062
3.9940574	1.21891	3.41712254	4.29794398	4.36248344	2.03154941	2.27727953
3.88316434	3.0499918	3.81532368	3.61207629	3.77979731	4.07715734	4.24932409
2.52676717	1.55851122	2.88204325	2.62956973	2.75397999	2.85243818	2.41176642
3.59420408	0.74506998	2.88310227	2.78528194	3.05016926	3.61290657	2.85183238
3.27322148	0.79637057	2.6594251	3.1770222	2.90509788	2.21313369	2.34122524

3.83486776	1.77992589	3.88004223	3.64558183	3.71735524	4.30235949	4.03792701
3.45641082	2.00911433	3.21751265	2.76438614	2.99046053	3.26279816	3.14143465
1.49934642	1.99559858	1.93317029	2.05921689	1.17990337	0.79838122	1.77020262
3.30408541	3.35152386	4.04444413	3.40715844	3.49721672	4.19200067	3.69287659
3.42873958	1.44044323	2.90918671	3.08754364	2.66909762	2.73396125	2.72542591
1.00E-04	1.00E-04	0.10418972	0.2231963	0.27747287	1.00E-04	1.00E-04
3.30198826	1.00E-04	2.76272693	2.90986481	3.22255218	2.46067904	2.05957798
3.02688108	1.50149173	2.6629432	2.87069899	2.63979646	2.69273441	2.14882597
2.13526023	3.21045236	4.11876298	3.93242006	3.9663696	1.00E-04	0.316869
1.73104287	1.19051366	1.88842283	2.00430464	2.48067648	1.00E-04	1.75043644
4.25601634	3.18082058	3.64920669	3.96144239	3.97866082	3.41244668	3.70194179
2.2533776	1.00E-04	1.25149194	1.14484854	1.05097437	2.64568379	2.13394693
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.57541294	3.00292259	4.54986712	4.63813046	4.57431916	4.07894501	4.34742216
3.59373717	3.50884935	3.16432859	2.94073364	3.38127768	3.82738225	3.8625042
0.19336288	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93946192	1.00E-04	0.98783469	0.20704794	1.58243085	1.00E-04	1.00E-04
3.64353336	2.51080575	2.830198	3.25151468	3.39888381	3.94613359	4.19065418
4.17002545	3.62586291	3.24837835	3.54257073	3.4271415	3.80817031	3.37589625
1.00E-04	1.00E-04	0.40533548	1.00E-04	0.21208089	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26168523	0.54831648	0.12125625	1.00E-04	1.00E-04
0.12225379	2.99889972	2.45568415	1.54930894	2.30828912	1.00E-04	1.00E-04
4.36530477	3.64387503	3.95113112	4.59065315	4.43037561	2.82597486	3.58087613
0.9463402	3.08237734	4.20438289	4.1444368	4.02936979	1.00E-04	1.00E-04
0.56470188	1.80174693	1.09639177	0.49391047	1.37345588	1.33791702	1.95038834
3.99104768	3.37351954	3.53160705	4.30636602	4.08361961	2.86842765	2.99245463
3.78333271	2.6513245	4.46162952	4.95284805	5.02263559	1.50489825	2.38035404
3.63230849	3.86233311	3.78912189	4.25958838	3.8790702	3.66857206	4.1369295
4.68211521	3.56843555	4.46429794	3.76943363	3.82907915	5.00358552	5.1460237
3.17184137	1.00E-04	0.75112282	0.27763678	0.67591039	2.04521966	1.77470389
5.85215682	4.65604084	5.63641767	5.56002416	5.55195781	5.93305418	5.87045545
4.18234192	1.5298252	3.7418052	3.87728277	4.08681846	3.86287226	4.03070903
3.09304048	2.54728751	2.98135156	2.51866352	2.78142321	3.25781037	2.85449683
2.42004747	1.00E-04	1.85370571	2.42424145	2.30320859	2.62715808	0.89038937
4.79224204	3.4950067	3.79625344	3.68775692	3.95272103	4.47043353	4.59060482
3.55037141	1.86143546	3.41590901	3.28707389	2.62781321	3.51026024	3.55066373
4.65478246	4.29704325	4.55023309	4.75068973	4.851101	4.14629632	4.3604365
0.52015348	1.00E-04	0.17922546	1.00E-04	0.15169238	1.00E-04	1.35340576
3.69006141	1.81185095	3.6388505	3.74552809	3.64306877	3.10004477	3.10576568
1.70889906	0.68407235	1.04903582	1.88990417	2.00080301	1.00E-04	1.49988502
3.57731155	2.71091953	3.68010646	3.2084569	3.46654294	3.79660144	4.01759704
4.84558527	3.42576854	2.76724436	3.0405288	3.3892574	4.50661639	4.52161544
4.33248285	2.11554422	3.69454099	3.58899578	3.69164109	4.38583144	4.51105143

5.23367492	5.04714356	5.12736105	5.00441183	4.97281846	5.3502816	5.62980735
4.84663443	2.97482225	3.85953616	4.00220072	3.79239863	4.50968165	4.52421068
0.86968342	1.46407503	1.01313966	1.48225382	1.29313753	1.00E-04	1.00E-04
2.18603966	1.16207952	2.62368598	3.04949488	3.33166745	1.71916991	0.82486735
4.11083136	2.63060349	3.83838346	4.03181429	3.61707783	3.56915635	4.41079113
0.48740998	1.00E-04	0.07227876	0.10924105	0.18255603	1.00E-04	1.00E-04
5.04736726	3.98908703	4.60995129	4.86093365	4.83406058	4.65178159	4.8348178
3.14026808	2.02147498	2.90388696	2.88185494	2.14045284	2.48395119	3.61032894
2.90656207	1.52699098	2.03099992	2.15230882	3.10888678	2.17053404	2.5229293
6.22971264	4.92644364	5.69096575	5.77348081	5.83599879	6.03000334	6.09436521
4.59399902	3.30008304	3.6144555	3.61593883	3.47143162	4.6471121	4.5015097
2.57303272	0.87456952	1.32604728	1.18099063	1.2235082	3.09135586	2.16344503
3.75786082	1.22609225	3.05584452	3.42414968	3.07643853	3.70578318	4.08289643
3.88111249	3.34539634	3.40437934	3.41637345	3.01173574	4.04119975	3.81881375
3.03843116	0.74506998	2.8409109	2.43127522	2.61980988	3.29551903	3.28105467
3.8345478	2.26615888	5.55729283	3.07337763	4.18780488	4.33861437	5.38456284
3.4908991	1.00E-04	2.47261935	1.92982755	2.985761	3.29862245	2.77348713
5.27218942	3.96048155	4.28513431	4.48549268	4.38891752	5.04728018	5.11984275
3.6897895	0.72877389	5.51227668	3.24217997	3.31026659	3.2369331	5.38615918
4.12817998	1.00E-04	4.71162499	3.1601024	3.69714587	4.20429641	4.92269349
2.66906059	1.10823044	2.25147636	3.07072604	2.49779711	2.35357697	2.66957864
4.36050307	2.28045705	4.12840496	4.04984989	4.05988796	3.93493126	4.23349776
1.97052653	0.71640521	1.88260493	2.26358664	1.67835641	1.36789182	1.90749632
2.3910691	1.16296659	2.44881823	2.61979516	2.47060835	1.92817302	3.07586301
3.32838389	3.71958377	3.68597254	3.70065827	3.52616488	2.90094558	2.09492142
3.8645208	2.41223734	2.61375206	2.41285686	3.27755563	3.48584182	3.58820556
2.38040273	1.8205188	2.63427974	2.73958564	2.28315532	2.42078059	2.76723568
0.43201826	1.00E-04	0.18423892	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22075679	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08792613	1.00E-04	1.00E-04	1.00E-04
0.09976055	1.00E-04	0.21060818	0.49717913	0.14163853	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0746918	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.42415005	1.00E-04	1.00E-04
2.95866637	1.82293172	1.50846874	2.10285067	1.58520423	2.39304031	2.48655597
1.17891307	3.44615562	4.67819957	4.80837465	4.6659123	1.00E-04	0.82784996
4.76039136	3.7876308	4.43373367	4.79410817	4.57194843	4.38505221	4.54004516
3.15313797	1.08649412	2.65405169	3.31883421	2.96126792	3.00312204	2.73782226
5.38040831	4.38410459	4.90809029	4.2957046	4.48756913	5.58148276	5.5260353
5.36367069	5.116772	5.475709	4.96381006	5.14179435	5.88591054	6.11361203

3.13093377	1.00E-04	2.19861919	2.23048642	1.75038045	3.39465406	4.02487339
3.04917741	1.00E-04	0.31300554	0.73866622	0.26161938	1.00E-04	1.00E-04
0.38385694	3.79103695	4.14856868	3.57327644	3.59000956	0.85260137	0.81996147
3.25845122	1.45177834	3.27644825	3.61439976	3.57699448	3.27140014	3.60407933
4.43899405	1.7400616	2.74180042	1.96528444	2.15467356	4.23679416	4.0123611
5.79491075	5.77829609	5.16735381	4.85283412	5.19927343	6.62112375	6.87922535
3.92051512	3.12249824	2.3182183	2.33249865	2.49982223	3.44617309	3.60599106
5.01444763	4.97561826	5.6610657	5.2237977	5.39833885	5.44955793	5.3598158
4.28651696	4.52396202	4.71058948	4.52637131	4.32878949	3.73435341	4.43946469
5.85940344	1.00E-04	1.9032167	1.13024048	0.82109557	1.00E-04	1.00E-04
4.84933903	3.58388705	4.01829487	3.41419071	4.00373343	4.37265882	4.71998481
2.81844898	3.79486323	4.55907717	3.84826169	4.14364884	1.87741218	1.80775217
4.33445749	2.19408919	3.58370103	3.99815942	3.82360821	3.27813931	3.68325776
1.00E-04	1.00E-04	0.05903671	0.27375261	0.30322925	1.00E-04	1.00E-04
0.49326215	1.00E-04	0.58056459	0.53356048	0.44988039	1.00E-04	1.46364161
0.47946243	1.00E-04	0.28133224	0.61364036	0.30480919	0.94371668	1.00E-04
4.09522012	2.63069848	3.69947043	3.23719827	3.59148939	4.20549541	4.14392198
0.54709794	1.00E-04	0.09020196	1.19702365	0.22636327	1.00E-04	1.00E-04
2.9820572	1.00E-04	0.88218586	0.49379463	0.57616174	1.00E-04	1.00E-04
2.60650579	2.55601281	2.79598283	2.60932699	2.82840153	1.99461593	2.61260505
3.98177918	3.01013541	3.82731176	3.85552999	3.76080915	4.57933177	4.12609878
3.93759774	3.1522505	3.7165249	3.40956656	3.81546955	4.22430554	4.38990577
3.5257426	1.54062948	2.68484064	2.89934523	3.11498385	3.54742036	2.8729401
4.67144563	2.92170071	2.09050413	3.11070961	3.57002181	1.45359906	0.68773152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.83435537	0.8358776	2.32011397	1.49807714	1.66428816	2.81327742	2.60567533
3.85613209	2.35453455	3.52672069	3.76500758	3.43404268	3.36551374	3.26409057
2.16248902	1.00E-04	1.90266172	1.36495909	1.50179391	1.99677946	2.36845863
0.75141048	3.21032821	4.41469373	4.64419401	4.26122104	1.14573777	2.53927349
4.23849329	0.87612072	2.77011143	3.17828316	2.38407909	0.62567961	1.58394884
3.4188845	2.00856074	3.05698473	2.78255584	3.07941063	3.00377105	2.62158916
2.43996206	1.3386578	1.39990035	1.60920922	1.33961245	2.65229973	2.64838869
2.05137731	0.8339972	1.49965162	1.59599425	1.24118571	1.29088883	1.10151682
1.83934588	1.00E-04	1.76645496	1.50826545	2.61929585	1.00760463	1.30278255
0.06718044	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.1474645
4.43738411	4.04161279	4.83238254	4.26014425	4.2683613	4.75202208	4.78396489
0.4918579	1.00E-04	0.64615238	1.24531986	0.82849427	2.36091197	1.36514787
0.58512669	1.16726039	0.51409381	0.08852014	0.12391687	1.00E-04	1.00E-04
2.89420883	1.88064357	2.75989942	2.74388159	2.5705417	2.67674149	2.75002705
3.67615849	2.66382217	1.89724645	2.14728435	1.5821648	4.68652852	4.53519161
0.96292813	1.00E-04	0.41131263	0.27393341	0.32452025	1.22399854	1.00E-04
5.47893075	2.33274688	3.33703122	3.01864834	3.4420383	5.06610259	5.29559415
3.49626562	1.7848342	2.11529654	1.61312685	1.90364537	3.47033843	3.67325701

4.14333487	1.00E-04	1.25872466	0.50975017	0.79762896	0.81859263	1.00E-04
3.89764496	5.02822687	4.69153872	4.43437435	4.66159168	3.98072321	3.62977111
0.32746203	1.00E-04	0.90966662	0.67565332	0.09550581	0.71661629	1.00E-04
1.00E-04	1.00E-04	0.33978545	0.09740575	0.11779102	1.00E-04	1.00E-04
1.50577053	1.23400418	1.54695024	1.48467334	2.24818644	1.66728182	0.84167817
3.24872068	3.62329019	3.64282036	3.4633413	3.31721583	4.52405698	3.99204889
4.60076258	3.0607543	4.30750578	3.6871704	3.7755281	4.36550993	4.71122533
3.98945212	1.52415755	3.11087846	3.43522736	3.51327274	3.77162328	3.91034614
2.99294882	2.62795558	3.38732392	3.13509071	4.10347079	1.77072619	2.63121046
1.79588282	1.00E-04	0.42665409	0.49632397	0.74111506	1.10704252	0.40038755
3.39690993	4.62830341	2.83051593	2.84626641	3.18223001	3.13640475	3.70135109
1.72817143	1.00E-04	1.91578541	1.26699843	2.09246307	1.34166559	0.82784996
1.45816914	1.00E-04	0.69814859	0.25847105	1.50998529	1.33183829	1.00E-04
1.29967986	1.00E-04	1.35919202	1.61627979	1.1597655	0.83083207	1.12271955
0.2309596	1.00E-04	0.28787108	0.12279371	1.00E-04	1.00E-04	1.00E-04
2.327599	1.00E-04	1.72753727	1.54914084	1.87740306	2.19220949	1.78953711
3.06084783	0.92068596	2.35545027	3.41508082	2.79712788	1.13698109	1.54541847
3.11983987	2.98787756	3.33820422	3.43604453	3.63225738	2.86192695	1.67851933
1.98987137	1.00E-04	1.82778783	1.4338262	1.66600393	2.73921143	1.00E-04
2.14379894	1.17148784	2.14193077	1.46792617	1.557109	1.00E-04	0.98620672
1.00E-04	1.00E-04	1.00E-04	0.12204958	1.00E-04	1.58081577	0.81245127
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59446121	3.54467068	4.21187688	4.30050596	4.18114231	4.29250219	3.88469274
1.29481379	1.00E-04	0.48857038	1.28411043	0.93065261	1.00E-04	1.00E-04
2.33919049	1.00E-04	0.7981528	0.47827177	1.03721204	2.26590582	1.86710084
1.59276926	1.00E-04	0.5350469	0.51844506	0.52072232	1.76230095	0.56264051
3.59986609	3.90304188	3.60188962	4.17745865	4.14969858	3.80373463	3.79812069
4.13423924	4.54704235	5.19338756	4.80103496	4.83595075	3.83731609	3.2592832
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17164889	4.71490888	5.47701499	5.42640729	5.1818023	1.00E-04	1.62887317
5.34016723	4.85899771	5.26150162	5.03217643	5.00054789	5.25003344	4.99487936
1.92997846	1.00E-04	1.73333544	1.8116568	2.12606942	1.47609605	1.54302978
4.15146746	3.12503552	3.97457754	3.78968302	3.78528764	4.39932341	4.53655012
2.8943725	2.07267362	3.03658442	2.86903012	3.27156752	2.57069828	2.56348043
3.9253237	2.55281464	3.729787	3.97749426	4.06123356	3.57345264	3.53561954
3.54211719	2.96142443	3.73066071	3.72292675	3.99777217	3.60089646	3.6577105
2.89173768	2.46782072	3.50148352	3.39516483	3.2992354	2.82320626	3.36388599
2.49389521	1.2795411	1.53170265	1.27187882	1.20207437	2.1027005	2.7285229
2.39013585	3.15368708	2.23378622	1.65592299	1.85422782	1.00E-04	0.35134699
3.10166588	1.09568947	2.70136428	2.15136031	2.19067533	3.75548918	3.27176517
4.99984028	2.96926315	4.33384391	4.15533125	4.49884095	4.86989175	4.89111121
3.51372116	1.7160913	2.9067257	2.66173845	2.55438139	3.52033373	3.66144291
3.50570304	2.16838642	2.81497987	2.75764221	2.98665534	2.94073806	3.11640989

3.47736174	3.51115952	3.9267392	3.83775118	4.21949431	3.12687413	3.68896913
2.79142062	3.153846	2.76710022	2.50261726	2.67888306	2.97168319	2.68404104
3.42749163	1.00E-04	4.12131356	2.50204323	2.87714984	1.00E-04	3.89924808
3.92217721	1.76786467	3.06870278	3.13676802	2.95931166	3.88840856	3.86843758
4.81871428	3.55780936	4.6088083	4.24574812	4.57992241	5.07678751	5.11300487
3.92126902	1.89283915	3.30719686	3.44792201	3.61653664	3.49703162	4.12606288
5.27174331	4.1908429	5.16414575	4.91447385	4.92553605	5.96164235	6.12007818
5.56218084	3.76325208	5.23459012	4.84875113	4.90024392	6.01213021	5.88185476
0.93741107	1.00E-04	1.21566315	0.99836625	2.42949691	1.98435745	0.97863975
3.89932173	3.37704235	4.09192972	3.79850504	3.62961316	4.0934075	4.65177038
4.36972437	3.48387103	4.36984927	4.17985749	3.87062846	4.62170814	4.66342343
3.02473645	0.68407235	1.4904051	1.30367828	1.53029029	1.18042507	3.35762051
0.26429471	1.00E-04	0.43469636	0.30947166	0.51869695	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12268675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3465532	1.00E-04	1.00E-04
4.03559572	2.85797724	3.85721388	3.04611601	3.50397086	4.24563761	4.31983566
5.58776449	4.55214031	5.35310057	4.61499001	4.90675037	5.69786708	6.0996865
0.97285843	3.05992778	3.65930229	3.10585271	3.20641014	2.60607065	0.98620672
4.97352986	3.95406277	4.33374875	4.13433494	4.49380818	5.53473671	5.76177163
0.57538186	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25117958	1.00E-04	1.00E-04
3.98567846	2.31671679	2.76306969	2.30750215	2.04510521	3.29871258	3.11861268
0.43570206	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06816182	1.00E-04	1.00E-04	1.00E-04
2.78848572	0.96847026	0.78127422	1.04944048	0.36290923	0.81261445	2.09968069
1.00E-04	1.00E-04	1.00E-04	0.13315922	1.00E-04	1.00E-04	1.00E-04
2.92965463	1.10823044	2.66179948	2.19498413	2.19579317	2.95551884	3.22331135
3.35344234	1.40882897	2.77075437	2.37626201	2.98246457	3.55559572	3.88428855
5.39857407	5.26189626	5.27823362	4.61564785	4.84073628	5.65282099	5.51511332
3.28535631	3.75395554	4.54986024	3.66828436	4.32677051	2.45236338	3.1950242
4.36489904	4.12250204	4.39197263	4.47761751	4.50460317	4.46109893	4.27630635
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19902775	1.00E-04	0.44402013	0.44469849	1.63189211	1.00E-04	1.00E-04
2.68725842	4.54590331	5.44854287	4.6465809	4.73957417	1.68069511	2.80895285
3.42618925	1.41755274	2.78873447	3.06148385	2.52333657	2.7117733	3.73139295
0.58808208	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33660395	1.00E-04	0.6539851	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.01820473	2.26922954	3.82969698	3.75064478	3.86188251	2.88063178	3.27452334
0.9459612	1.00E-04	0.69570718	1.00E-04	0.32790434	1.00E-04	1.00E-04
3.53605337	4.13170331	3.23983166	3.26201075	3.59495266	2.78715884	3.38958253
0.77179167	4.06818315	4.62425748	4.11443382	4.07301647	1.00E-04	1.79022176

1.35418179	1.00E-04	0.92407705	0.91178388	1.08393823	1.00E-04	1.00E-04
5.5031737	4.9979461	5.63563921	4.99535652	5.09535706	5.82660898	5.77919879
3.78915574	3.99118213	4.21823609	3.3434975	3.76949581	2.53876608	3.14565858
2.66607138	3.70682617	3.9604826	4.16629327	3.89014464	3.36150478	3.3913884
1.25072248	1.51438873	1.9465471	2.07824334	2.57037346	0.84497321	1.00E-04
0.71751581	3.80201322	4.55274237	4.11489566	4.26480054	1.39046758	1.39021388
6.36526093	4.83869701	5.91967803	5.09366316	5.04774981	1.91245085	2.69522169
1.07992969	1.00E-04	0.23706174	0.08710603	0.86422756	2.35870787	1.5595514
0.12636275	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.81281458	2.26029895	3.67874605	3.14508309	3.74701869	3.92917377	3.94179872
1.00E-04	1.00E-04	1.55142194	0.81274354	2.60075411	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47250483	2.30996385	2.89029599	2.36329446	2.44414975	2.47654284	2.43337325
0.06765176	1.00E-04	1.00E-04	0.10659766	1.00E-04	0.96274275	2.3593803
1.00E-04	1.00E-04	0.14086284	0.10897151	0.89888547	1.00E-04	1.00E-04
4.11544886	3.13577048	2.97550523	3.260771	3.36200525	4.13548067	3.98534453
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21102114	0.12223151	0.10372144	1.00E-04	1.00E-04
3.1768823	1.33386508	2.99826932	4.2392927	3.89053108	1.2195985	0.65852894
0.97915083	0.79637057	0.94118605	0.33238687	0.49093366	1.36458472	2.31439015
1.57541453	0.7902481	1.90061927	2.05213604	2.58225116	1.37314883	2.48797655
1.78740205	1.00E-04	2.40620176	2.34856292	2.51615177	0.72869785	1.6636084
2.86389709	1.89593506	2.84287445	3.56697423	3.30358879	0.81755274	2.48629581
0.59313331	0.69779233	0.71230889	0.40029091	3.55726071	1.00E-04	1.00E-04
0.68366997	1.00E-04	0.89981945	0.49848449	0.1685492	1.00E-04	1.00E-04
4.12472886	4.45779271	4.62453056	4.01007496	4.31500131	2.04507211	1.88292785
1.00E-04	3.3159921	2.62507425	1.6757663	2.15078783	1.00E-04	1.00E-04
0.04764841	1.00E-04	0.5938896	0.92023083	1.36539462	1.00E-04	1.13658288
2.47945102	2.64639391	2.91165524	2.48994501	2.38183131	2.58877454	2.59662152
1.04926203	0.8339972	0.78681312	1.26501374	1.41168201	1.00E-04	1.5928505
1.00E-04	0.8358776	1.73932553	1.76717477	1.71258834	1.00E-04	1.00E-04
1.00E-04	1.25583846	1.27610342	0.5829162	0.95142783	1.00E-04	1.00E-04
0.27611176	0.8358776	1.63154185	2.3050761	1.82206008	1.00E-04	0.61083056
1.00E-04	0.7902481	0.86030768	1.68252707	1.19265846	1.00E-04	1.00E-04
0.34296333	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12129306	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.43838478
4.86237067	3.9668054	3.40789486	3.45519808	3.8504334	4.93951425	5.04285186
1.81053525	1.00E-04	0.14420392	0.45646261	1.01940107	2.61765693	0.94970493
2.07823967	0.79637057	2.54598973	2.06502591	1.72003849	1.90644843	2.44361481
5.03363162	3.80380323	4.30479567	3.89296344	4.20947484	4.52711012	4.86309623
3.29284099	4.30961662	4.60141564	4.1911019	4.12501215	2.59633093	3.76766968

2.52097991	1.53431803	2.45214487	2.31056053	2.56864993	3.22960977	3.09726981
1.08713812	3.76596094	4.45373002	4.4383083	4.65991898	1.00E-04	1.71088025
2.7372839	3.20251538	3.53855553	3.86720889	3.39096657	2.3555855	2.56249308
0.12225379	2.52275749	3.61258568	3.59232464	4.2684118	1.00E-04	1.00E-04
0.72818698	3.91349334	5.09167273	4.84625965	4.69789298	1.00E-04	2.23015655
2.47335314	2.42245442	3.77066876	3.8164189	3.3543994	2.69544174	3.17662082
1.02638233	3.60198833	4.75276491	4.38747855	4.13518566	1.00E-04	1.00E-04
1.84983834	5.90275734	6.34579039	6.02814757	6.14130595	1.00952146	1.27747878
2.74479352	6.5972467	7.28299043	6.63087543	6.55444566	2.10549518	3.0866958
2.13510929	6.68365262	7.35692993	6.84051724	6.8852266	0.81755274	3.05789705
0.72850678	2.81549036	1.23234558	2.17214547	1.16218299	1.00E-04	1.00E-04
2.39957363	1.00E-04	1.50367115	0.92618028	1.9145872	1.97267767	2.35533166
1.00E-04	4.56040564	5.48501025	5.21048503	5.17626378	1.00E-04	1.58050127
1.31659638	5.57500856	6.55975213	5.89382138	5.97162933	1.00E-04	2.57666906
2.16071672	6.56062942	7.26621671	6.93648557	6.94780464	2.48647561	3.34915793
1.79025056	6.00911621	6.92864812	6.26187398	6.31998462	2.10245251	2.40081032
2.46514718	5.95792267	6.62809064	6.01595525	6.05562913	1.00E-04	2.85366349
0.73131078	0.92068596	1.35026626	0.36845796	0.69055758	1.00E-04	1.00E-04
2.15911304	6.86956554	7.49772222	6.83277489	6.82788919	2.22022865	2.49131588
0.91701702	4.98514905	5.64619522	5.07484434	5.00499228	1.00E-04	1.00E-04
0.89140871	4.41957219	4.58040257	4.34490262	4.51047936	1.00E-04	0.46517855
4.85176925	4.53886672	5.38757553	5.70469772	5.17009502	4.41201159	4.41572959
3.69368699	3.26182834	3.63754283	3.91407514	3.96477356	3.35042369	3.21076553
3.34124773	1.25845589	2.60002408	2.76327177	2.78551214	2.39704779	2.34049508
1.94782885	3.97414047	4.7709394	4.78421705	4.5385973	2.73784452	2.565087
3.03417909	3.93876415	4.27650417	4.48617767	4.0416519	2.86824658	3.11267676
3.85670575	1.81012707	3.05455314	3.23021185	3.53474618	3.2222785	2.50827215
3.42083575	2.13466652	3.50780338	3.81954562	3.44778479	3.45998356	3.3609176
0.92778938	3.8852526	5.07409662	4.68291084	4.73364197	0.79958263	1.60876525
4.84365622	2.78739359	3.99815314	3.92275384	3.85856934	4.86334169	4.99329826
2.73647174	2.03930604	3.27007779	2.98804907	2.87622505	2.51551896	2.79816292
3.54114193	2.61890821	3.37870206	3.50482007	2.85113655	3.13079112	3.44413776
0.4892999	0.79637057	0.95167609	0.63730074	0.81396694	1.00E-04	1.00E-04
4.7095722	4.29165635	4.99896861	5.13567319	4.92436784	4.92995778	4.85521115
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.83203468	1.00E-04	1.49791699	2.02959358	1.61712395	2.7984078	3.02644319
4.57797148	3.75303646	4.88597299	4.21363691	4.62244813	5.35881704	5.6490258
3.90936868	3.13117722	4.33119497	3.78362473	3.9418306	3.13293824	3.57896347
3.66380404	2.31743052	3.43471916	3.01410415	2.9066546	3.53066715	3.58602832
1.00E-04	0.72877389	1.59529416	2.18756522	2.79443711	1.00E-04	1.00E-04
4.13134025	3.25964265	3.91023184	3.55686219	4.00531536	4.31796202	4.56056136
2.57965866	3.44774574	2.64421478	2.50031151	2.7941691	1.85771571	1.84110259
3.95122883	2.72235207	4.07760205	4.07329563	4.37894892	4.11621546	3.59117645

2.91659936	2.87713041	3.79674437	3.42418675	3.57457769	2.47819497	3.03085887
3.45709564	1.65694225	3.39510726	3.35907447	3.0642917	3.89061968	3.55151659
2.56978525	1.00E-04	1.75683664	1.60368281	1.3008083	2.39774339	1.76167843
4.245554	3.15481383	3.439643	4.22586153	4.1553004	2.38146786	3.19654442
4.36007769	2.91641496	3.91670915	3.64451194	3.6688935	4.53726051	4.70838124
3.61063514	3.04275384	2.63708451	3.29584211	2.64467958	2.77667496	3.29741917
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.14759189	1.63245595	2.61715176	2.56999817	3.00293455	3.15541419	3.23017844
2.5850543	3.29751491	3.04606119	2.64141313	3.423277	1.94783829	2.56833856
2.73835571	2.72048068	3.2232711	3.05687133	3.15801994	3.28385537	2.96413513
0.95814467	0.68407235	0.78194682	2.31728879	0.64692911	1.41214396	0.65852894
4.22723865	4.00286018	4.2992964	4.3151775	4.18907675	4.99071235	4.82578718
1.9088698	1.28142983	2.32401464	2.16341666	2.64276293	1.00E-04	1.36621075
2.01155516	1.00E-04	1.55487259	1.73000234	1.40176365	1.00E-04	0.89038937
4.13493093	2.97192907	4.00954017	3.76714379	3.6501886	3.92134135	4.09779459
0.9507618	1.00E-04	0.56543301	0.23865377	0.33338725	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.72916339	3.49936867	3.90293613	3.11270812	2.661656	1.63832371	2.20485756
4.70638469	2.64431541	3.85430969	3.72472447	3.69238875	4.32154433	4.17484841
4.09305144	1.22587756	3.6370751	3.97610379	3.61186396	3.20733006	2.96629273
3.66247243	1.89161482	2.98259646	2.8404206	2.56935174	2.50942588	3.04608145
2.48277166	4.64056856	5.14258376	4.73451137	4.92364555	1.30530732	3.25721621
2.29698759	1.99372162	2.94448904	3.59478814	2.85871883	2.22034272	1.59310286
1.15942984	3.34585149	4.91798373	5.00933668	5.26513227	1.00E-04	1.01208735
3.67152863	1.7400616	3.28460757	2.94550672	3.09887239	3.66159258	3.58270735
2.87185009	2.58472113	1.99939182	2.36332517	2.18070831	1.4762785	2.28602617
0.93791367	1.00E-04	0.47075117	0.48954398	0.43962994	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.74602944	0.62073429	0.94533364	1.00E-04	0.49725191
3.5361394	3.34893214	3.24173899	3.57094802	3.73478109	2.23017784	1.64828831
2.21109858	1.37265105	2.20827155	3.4947612	2.85453886	1.00E-04	2.14889121
0.17643459	1.00E-04	0.07593463	0.17291632	0.55257818	1.00E-04	1.00E-04
0.57018126	3.24619807	3.05081677	2.7229688	2.52765384	1.00E-04	1.00E-04
2.58551086	1.00E-04	0.68093853	0.88795014	1.15942303	2.53313923	2.05480485
3.31324794	0.7902481	2.63378478	2.84276904	2.14492258	2.03874271	3.02600992
1.04790776	1.00E-04	0.44041544	0.94852542	1.73491452	1.00E-04	1.00E-04
4.47237868	2.06980427	4.03404876	3.65425034	3.59230717	4.04607038	4.43880421
5.45728036	3.74859439	4.53453206	4.31161901	4.38790606	5.37720239	5.54595158
2.92246923	3.42227622	3.10478032	2.55052209	3.08432333	5.03284961	4.94828295
3.97161061	1.00E-04	3.53743242	3.34889236	2.96303588	3.49841039	2.58637892
4.03867911	3.34143723	3.5604659	3.48625341	3.43505773	4.40372763	4.08521568
3.92639648	3.78052373	3.51768763	3.38074344	3.5184361	4.79017878	4.33227818
0.64282911	1.00E-04	0.64481519	0.59668265	0.73109687	2.79798867	1.8995869
1.36040138	1.00E-04	0.49840575	0.34800841	0.71630562	1.00E-04	1.00E-04

2.8066193	1.40211413	3.06271731	2.70095816	3.02732824	1.48119187	3.27388315
2.71809409	1.00E-04	0.23726769	1.00E-04	0.36684724	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07593463	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.9316924	2.36244531	3.2798319	3.58989545	3.47083983	2.79409942	3.17101944
3.98890025	2.81123198	3.30519615	3.73445006	3.80331115	3.2455166	3.22629798
1.00E-04	1.00E-04	0.08621585	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.7387263	3.16139329	2.7007638	3.21970732	1.00E-04	0.84167817
1.62736277	4.38384166	4.99174356	4.60418356	4.65285087	1.00E-04	1.50849251
6.22332948	3.00215123	4.20508754	4.31884412	4.7227845	6.94442693	6.98512275
5.79496468	4.32473898	4.09829934	4.1881402	4.42124266	5.94732355	5.97386054
6.38188145	4.55223096	4.57258387	4.37564817	4.46055094	6.61038179	6.79256448
1.55804126	1.39178539	3.14160889	1.40954711	1.87981162	3.67994007	3.8532533
3.68490599	5.77010194	6.90011206	6.11421496	6.2011508	2.65392483	3.75876759
3.02801866	3.43655848	4.09086496	3.6113265	4.0033786	5.03419079	5.34775588
1.68528231	2.13137733	2.66452116	2.56543231	2.17130742	1.66181256	1.14061365
3.74527292	4.57869013	4.83670469	4.51698829	4.45404833	3.29376433	4.10605599
6.53160035	4.22263103	4.94194116	4.55348676	5.05953601	6.8235849	6.76446378
4.55459892	4.68312998	5.28897404	4.646888	4.6642607	4.34492471	5.00320424
2.61553988	1.41962819	2.31045153	2.86854657	2.53988806	2.37239623	1.56321713
3.17217373	1.2795411	2.21300747	3.13505448	3.0211286	2.0957965	2.63046822
3.32694364	1.00E-04	2.55965804	3.33985689	3.42558018	3.04993748	3.53479991
3.63763713	1.00E-04	1.63431055	2.1645078	2.56918887	0.72869785	1.45772419
1.00E-04	1.00E-04	0.72615615	0.44283195	0.13820197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19479932	1.00E-04	0.10452963	1.00E-04	1.00E-04
1.80724293	1.00E-04	0.8352125	0.57115693	0.15290548	2.19197219	0.48671447
0.75233095	1.00E-04	1.00E-04	1.00E-04	0.26497681	1.00E-04	1.00E-04
1.59259719	1.00E-04	1.4434462	1.33975452	1.74189761	1.00E-04	0.48671447
0.7186782	1.25074513	1.39950907	1.73999933	1.43459892	0.95102466	0.48671447
2.56485841	1.47903019	2.46147466	1.90020627	1.68893199	2.5243938	2.72462003
4.70190211	3.92218175	4.85172717	4.26973906	4.26027098	4.60864599	4.37048542
4.38326074	2.97502884	4.63765551	4.31197328	4.5500128	4.65747737	4.68810656
3.36117252	2.90230214	3.2548365	3.01026874	3.02159599	3.77567561	3.75460374
1.72046553	1.58960804	2.22737668	2.13116717	1.84396178	2.23760424	2.00655684
3.30760112	4.27768475	4.49707488	5.02933177	5.15177225	2.47767074	2.59418765
1.00E-04	1.00E-04	0.10402423	1.00E-04	1.00E-04	1.00E-04	0.64887302
2.0873583	2.67498703	3.59960407	3.27832232	3.61417102	2.97320179	2.34872609
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18255603	0.62567961	1.00E-04
1.3070916	1.00E-04	0.8621485	1.1176305	1.90691472	1.10522239	0.40038755
2.95607967	1.00E-04	2.63608899	2.75668762	2.85346785	2.92324992	2.56787656
3.44200848	2.62445252	3.896047	3.09863356	3.45760488	4.68125994	4.42144232
0.4756014	1.00E-04	0.64905929	0.13557372	0.53093355	1.54481655	2.11035861
1.95098699	1.00E-04	1.28857115	0.72371103	1.38692045	0.95637875	1.83729321

3.35870458	3.31823853	3.75801261	4.34908931	4.34972873	2.60750146	3.01159561
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41411532	1.00E-04	1.25131486
2.8836697	1.67127756	1.97124281	1.81757188	1.92000826	3.05742433	1.97706827
4.94117583	3.82551187	4.73060063	4.20399362	4.46044053	4.50960846	4.94848061
2.62578648	0.72877389	1.98128592	1.85528827	2.43225631	0.81755274	2.1846778
3.60863748	2.36101585	3.58343511	3.2949209	3.43568191	3.53087817	2.9493237
2.61669094	1.00E-04	2.26160323	2.59286188	2.79677471	1.53627502	2.96654274
3.65893065	2.46175487	3.24382453	4.11335693	3.7886406	2.53073119	2.08796264
2.9400548	1.00E-04	0.34369335	0.30623638	0.94370931	1.00E-04	1.21902836
3.06949	1.61122711	3.0068177	2.77736552	3.07405649	1.23405597	2.34447179
1.19973176	2.27801923	1.96171208	2.05733686	1.46667593	4.30722471	4.26504623
2.66724244	1.74798924	4.63050741	3.89802192	3.89814726	0.94908439	1.93139159
4.72505366	3.56954575	4.73090074	4.83776477	4.9212413	4.2400764	4.07619425
4.44891089	2.88376935	3.93432806	3.57411949	3.96217106	4.62563898	4.96417885
3.36226659	2.09613981	3.17834549	3.0792224	3.31982891	3.4526915	3.67091361
0.14595317	1.00E-04	1.00E-04	0.12129306	0.12343101	1.00E-04	1.00E-04
0.41862068	1.00E-04	0.10002775	0.13372292	0.18609755	1.06582712	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8339972	2.71697313	3.38811431	3.36149604	2.47627006	1.00E-04
0.09983193	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.77484958	3.97104918	3.78038565	3.21904858	3.7333478	3.78256046	3.94490034
4.00505504	2.1469781	3.32486802	2.90043877	2.82734499	3.32650317	3.90565558
3.51138184	1.22771662	3.59973557	3.04379332	3.10602826	3.45677133	3.89174
3.6632511	3.94273665	4.67997093	5.44937103	5.69142779	3.00909042	3.77257318
4.54422092	5.2248737	5.75690824	5.34996392	5.74950683	4.36328656	5.17790843
0.35355484	1.00E-04	0.62894068	0.09185911	0.14410425	1.00E-04	1.00E-04
3.8291466	1.14149454	2.33935367	2.88409022	2.72532298	1.7254432	2.76153129
0.37709656	1.08649412	0.80428884	0.75106412	0.658828	1.00E-04	0.82486735
1.28675621	1.00E-04	1.21516238	0.31499181	0.31489341	1.00E-04	1.00E-04
0.67856309	1.00E-04	0.09186897	0.10902669	0.13820197	1.00E-04	1.40124383
0.40281742	1.00E-04	0.57186625	0.25832205	0.15392957	1.00E-04	0.93074312
3.77602602	1.18919506	2.51785577	3.03446591	2.77559717	2.40834896	2.30013631
2.79505389	3.62141723	3.75431243	3.23145482	3.2289975	0.79838122	2.51296313
4.98413572	3.49058338	4.14387021	4.22694875	4.29840273	2.84888146	3.02038804
4.01250268	1.927144	3.23176807	3.91831215	3.692595	2.53088437	2.8834426
2.22597971	1.00E-04	1.00E-04	1.00E-04	0.33432896	1.00E-04	1.00E-04
1.32388864	4.81720949	5.46581493	5.44507752	5.619305	1.43938005	2.42814208
1.53564596	5.19313707	5.92678028	5.67307965	5.63213287	1.54970248	2.48766395
1.00E-04	2.4145392	3.64890327	3.57693154	3.43293605	1.00E-04	0.41275046
1.27989884	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17817232	0.08710603	0.11711669	1.00E-04	0.93074312
1.00E-04	1.00E-04	1.00E-04	0.0824918	1.00E-04	1.00E-04	1.00E-04
1.89860299	1.00E-04	0.32564174	0.76960631	0.38568301	1.00E-04	1.00E-04

0.95948788	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.58159413	3.19172806	2.62177382	3.27068275	3.09749314	3.79146587	3.22228166
3.11180303	2.8717644	2.71335268	3.51262558	2.69229147	1.999968	2.9232606
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.70379454	3.70561561	3.8811951	3.77947037	3.57381424	4.02406087	3.92876301
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96683878	1.00E-04	0.31039929	1.00E-04	0.16358717	1.00E-04	1.00E-04
2.78158489	1.00E-04	0.22114283	1.36491462	0.51726119	1.00E-04	1.00E-04
0.7037231	1.00E-04	0.45392211	0.18290147	0.84208629	0.92751185	1.00E-04
3.25594419	3.74138829	4.13791018	2.82271169	2.86040716	4.50850814	4.53944359
0.58914905	1.00E-04	1.00E-04	0.07577735	1.00E-04	1.00E-04	1.00E-04
4.24059471	1.60800337	0.4064033	0.74624427	1.55280157	1.00E-04	1.22697765
1.00E-04	1.00E-04	0.38969163	0.75015883	0.42363719	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27491353	2.43374834	2.85546002	2.31861754	2.83850342	0.71661629	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.31730881	1.00E-04	1.00E-04
3.13468305	1.09568947	2.23615695	1.77905926	2.17638577	2.8205334	3.2566159
1.16344735	4.54140207	4.60312304	4.82700786	4.96222457	1.00E-04	1.00E-04
5.90854307	4.30992357	5.37394897	5.25028146	5.42558801	5.69184766	5.92581249
4.286213	5.23497026	5.47145992	5.90284197	6.01809256	3.2436298	3.85592671
3.90599098	1.54001545	3.7726838	3.15742249	3.48361408	4.25207438	4.50699599
3.34511116	2.35560737	3.65399828	3.33920518	4.00045499	4.36099034	3.94646588
2.93516091	1.53824322	2.44116632	2.58289502	1.99004005	2.20414675	2.87191968
0.76049504	4.58473451	5.80387738	5.02954824	5.18191581	1.559456	2.93269835
0.92964541	1.00E-04	1.20830964	0.07577735	0.9934474	1.00E-04	1.86653411
0.39766919	1.00E-04	0.61143611	0.39294295	0.12792029	1.00E-04	1.00E-04
5.0139229	4.253586	5.02240923	4.94784214	4.85694322	5.15685291	5.28010898
5.77655352	3.77900427	4.84612157	4.39829003	4.33877427	5.4779955	5.37511758
3.08363138	3.58998579	3.86319952	3.74232768	3.86210129	1.35225364	2.89057036
2.42406767	0.87456952	2.41930397	1.79569349	2.23535418	2.94546777	3.54762997
3.04133313	1.00E-04	0.08383283	0.11606138	1.00E-04	1.41380106	1.00E-04
3.5739221	3.72017165	4.03958986	3.60957587	3.78411884	2.93812771	2.88940845
2.46634042	0.68407235	2.57878393	2.13325681	2.0637624	1.80136528	0.80990935
3.78636092	1.91746836	3.97835368	3.16105677	3.38631625	3.10725341	3.61863474
1.85165887	2.02230853	1.83281458	2.20251223	1.71291314	1.00E-04	0.41275046
1.99457964	1.00E-04	1.38528661	1.70868366	2.05541148	1.49761977	1.70884548
0.42053802	0.8358776	1.27407737	1.71141863	1.79841943	1.00E-04	1.00E-04
1.00E-04	2.14187767	1.3855887	0.44501299	1.53718888	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20355684	0.14478141	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.71745796	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28716169	1.45110418	0.79364812	1.32786418	1.56478135	1.00E-04	1.294807
2.58032036	1.80014374	2.69147255	2.97005118	2.57309956	1.35413122	1.28284387

3.13331517	1.00E-04	1.98887522	1.66182445	2.09427384	2.28304574	2.5069195
2.654258	0.74506998	1.6908216	1.53253606	1.67520732	1.38047105	2.32029748
1.70861282	1.00E-04	2.66751118	2.00078937	2.00205746	0.9513318	1.39570363
4.40344493	4.85492815	4.95224178	5.29392342	5.08148448	4.65926814	4.32999389
3.55503057	2.302237	2.64032905	2.51190513	2.1640884	3.88631953	4.1866351
4.1732632	2.75821634	3.37609401	3.41034692	3.66936726	4.20590444	4.26403531
3.14835456	1.00E-04	1.44605	2.24299561	2.06223839	2.43313876	1.83704316
1.52565457	2.71343072	3.23231657	3.76022732	3.52287915	1.00E-04	1.1787663
1.00E-04	1.00E-04	0.09545996	1.03479135	1.00E-04	1.00E-04	1.00E-04
3.30063363	3.12782185	4.11059261	3.55751829	3.19120267	4.51583572	4.59333133
3.63497081	4.10757517	4.78976834	4.79665145	4.90357207	3.68275115	4.04218046
0.63521116	1.56463734	1.94257758	1.98267296	1.57989231	1.00E-04	0.9583037
4.17165714	1.00E-04	0.68987689	0.60654935	0.09759627	2.72813718	2.08903774
3.80832922	2.78626147	3.59094337	3.54264674	3.57646559	3.61039853	2.99463183
3.55008788	0.68407235	2.68856259	3.6513269	3.95027824	1.29908874	3.28999665
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20281155	1.00E-04	1.00E-04
1.7277636	0.68407235	1.11959058	1.89204368	1.25917539	1.00E-04	0.91635708
1.25313886	2.11310917	1.59709876	0.99753002	0.89204836	1.11641065	1.3282665
2.85358789	3.12659101	3.44036852	3.33201345	3.46782358	2.74282398	2.64218108
3.55402112	1.00E-04	2.67523341	2.1350959	2.85220182	1.67259966	2.87778404
3.35837679	1.65638751	3.38095623	4.10276443	3.77378058	1.84783904	3.81633596
0.8737172	1.00E-04	1.80479536	1.50178815	0.13098198	2.12074694	1.43222165
0.28716169	0.71640521	1.20688227	0.66949117	0.10372144	1.00E-04	1.00E-04
4.38948597	3.60678402	4.02724546	4.90482147	4.60678691	3.56141348	3.43631892
1.00E-04	1.00E-04	0.06767845	0.08961591	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15975889	1.00E-04	1.00E-04	1.00E-04
1.76799388	0.71640521	1.82288875	2.37477285	2.38686726	1.9901535	1.1474645
2.25347968	2.90012134	1.88464697	2.09716769	2.01256353	0.84497321	0.65852894
2.87444507	1.13651828	2.93627634	2.73578138	2.69531669	2.82511091	2.9445982
1.84045653	1.00E-04	1.57561287	1.58121227	1.02363436	1.44402989	2.52659028
1.00E-04	3.92428761	4.63031168	4.23122949	4.05842214	1.00E-04	1.37041131
1.04570358	2.14787934	4.3129294	5.17434452	4.81328161	1.00E-04	1.08080329
5.24027035	4.41569748	4.78271723	4.21566736	4.364128	5.45317036	5.7430653
4.65414935	4.24713969	4.92542544	4.70108057	4.64338335	5.23464608	5.34997344
0.88086889	1.00E-04	0.07227876	0.14107641	1.00E-04	1.00E-04	1.00E-04
4.41887636	2.54140889	4.17135351	4.55455913	4.42995413	3.90931933	3.73465259
3.94006804	2.24457727	3.56522909	3.49353729	3.79013263	4.16919933	3.81238201
3.92677888	2.27935195	4.2674924	4.02112677	3.96008038	3.58319087	3.51109586
3.10079927	5.42925939	6.16824848	5.82625858	5.82435685	2.42024355	2.88207634
2.63368574	3.9424974	4.53908037	4.33819143	4.61672162	3.0945174	1.61306686
5.16397784	5.05047597	6.27341722	7.12852357	7.04908619	3.95663477	3.89411999
3.68288466	3.91402164	3.61530605	3.60295887	3.83785975	3.26124582	3.19057399

5.03914857	3.28037778	5.00448528	5.36982486	5.20557652	3.96126207	4.1459601
3.42902924	4.66008644	5.8842491	6.67521646	6.86888342	1.63720613	2.55709384
4.2871117	4.72093252	5.83535381	6.20033277	6.32167355	3.93023744	4.29832618
2.05694566	1.28532547	3.05877796	3.89020361	2.86551311	1.17692992	1.57307364
5.77228178	4.97969572	5.55995105	5.03676927	5.05607904	6.17692477	6.29152563
2.57435277	1.92273681	3.24772746	3.03263545	3.12546354	2.32547188	2.63002497
4.15238325	2.88183239	3.95243284	3.66214872	3.51936456	4.32556798	4.21019348
2.68162323	2.32956921	2.72255983	2.55941856	2.63054072	1.45808418	1.82561909
0.54478203	1.00E-04	0.32336269	0.13315922	0.34760325	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17987198	0.11299645	0.13098198	1.44304462	1.35564413
1.00E-04	1.00E-04	0.94278496	0.36156955	0.12792029	1.00E-04	1.00E-04
2.29742017	3.69334395	5.0958703	4.55835133	4.44432797	2.21648436	1.84778451
1.00E-04	1.00E-04	0.26760417	1.00E-04	0.54244014	1.00E-04	1.00E-04
1.82198407	3.52545255	4.53926443	4.19983739	4.34574505	1.00E-04	2.2226193
3.6721607	3.70892748	4.83054802	4.38548737	4.48653432	3.4229314	3.97029526
1.72396229	1.00E-04	0.15444809	0.42024616	0.13718086	1.00E-04	1.00E-04
0.83761298	1.00E-04	0.20914064	1.00E-04	0.12945	1.00E-04	1.00E-04
3.84830556	2.10184172	3.11042987	2.80782656	3.07236507	2.78845988	3.5983113
2.63777581	1.00E-04	2.56318738	2.45040888	2.56308035	2.05133033	2.01474014
3.81821416	2.46388591	3.29698805	3.02324162	2.72985747	2.94318853	1.78686033
2.12779035	1.00E-04	2.16821969	1.68890377	1.83279076	2.2626725	1.57191465
1.41294047	1.96734295	2.80192301	2.40703399	2.85035703	1.00E-04	1.00E-04
0.2196067	1.19051366	2.5641839	1.66552391	2.61357823	1.00E-04	1.12271955
3.1754613	1.78817553	2.87318957	2.95373477	2.38917708	2.72857839	2.65181035
3.06432245	2.74296817	3.0024243	3.43160367	2.94758894	1.96030625	2.6634074
5.75886416	2.78409146	2.70937075	2.87760497	2.20553641	2.70157352	3.08274653
4.53064521	2.83236379	4.02246925	4.5042387	4.39185607	4.05863412	4.16913733
2.27995899	2.43205934	2.06267594	2.12700853	2.77267903	3.03141362	2.26125846
3.73273405	2.08881006	3.26686501	3.14522442	3.50091896	2.86395901	3.08371557
6.52630799	1.00E-04	1.09644678	1.00E-04	1.00E-04	1.00E-04	2.36230925
1.00E-04	1.00E-04	0.33278543	0.3742298	0.62920043	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10002775	0.2532908	1.00E-04	1.00E-04	1.00E-04
2.11355289	1.00E-04	0.99305183	0.43212403	1.95967326	1.00E-04	1.00E-04
2.13322433	1.00E-04	0.30527808	0.13372292	1.00E-04	1.00E-04	1.09055109
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9714786	1.00E-04	0.45964888	0.11808269	1.00E-04	2.56762865	1.26389675
3.23484632	2.753888	4.30296544	4.58924461	4.267893	2.59127828	2.42781531
3.64804369	1.56472096	2.98575506	3.29293075	3.53422141	2.17834755	3.20151897
3.08967721	2.38146343	3.33357663	2.97133645	3.2015113	2.74382165	3.12558844
3.91296324	1.52185008	3.03895024	2.9311394	2.88722834	4.08475896	4.33687095
4.00689922	4.16348197	4.73108749	4.17325684	4.17272542	2.35433449	2.85635665
3.17249375	1.2269695	2.82750359	3.6048418	3.48822169	2.43968197	1.92312916
4.9809895	3.01866874	3.97513521	4.07065963	3.99252117	4.43235168	4.18915156

0.83255539	1.79087516	1.83342781	1.2711216	1.07629728	1.00E-04	1.00E-04
0.68910776	1.71217867	1.9872911	2.05611007	1.7516039	1.00E-04	1.01208735
3.77722038	2.34550898	4.15894181	4.88719973	4.80495231	1.56495139	2.93715744
2.73172733	1.76203945	3.47960209	4.22939902	3.95710238	1.84452805	2.12014519
2.92023374	2.31658318	3.61366594	4.16346755	3.95579102	2.6212687	2.88451577
1.6363147	1.00E-04	1.75142058	1.55269782	2.19373266	1.00E-04	1.00E-04
0.11105565	1.00E-04	0.25965482	1.00E-04	0.45387989	1.00E-04	1.00E-04
4.28772846	3.3031777	4.65714174	4.08007316	4.39857451	5.0043538	5.13590648
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.73488526	2.43385667	3.27546899	3.05776501	3.3584147	3.4688364	3.81489006
2.26188494	2.65890311	3.1397202	2.6871337	2.6789983	3.11189305	2.00796389
2.20007357	5.1183789	6.02863172	5.78539069	5.74102707	2.25308292	2.1778195
1.77400026	2.54827747	3.30689436	2.40932217	2.63611217	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.39135973	1.00E-04	1.00E-04	1.00E-04	0.97863975
1.00E-04	1.00E-04	1.02455556	0.56386157	1.00E-04	0.9513318	1.00E-04
0.92885306	1.61217167	2.78352856	2.04130791	2.34567681	4.57016625	4.89870592
2.6642735	1.09568947	2.75555611	2.26420999	2.1904468	2.13360165	3.02296149
2.61318582	1.00E-04	2.16225673	1.95081578	2.34769036	2.88642752	2.06512058
2.70748721	1.14856053	2.09796049	2.12130295	1.63949403	1.55163225	1.00E-04
1.00E-04	1.00E-04	0.1243805	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.72860157	2.73719679	3.20712619	2.96313196	2.7362776	3.81568762	3.95789067
3.41566017	1.65163233	2.62683556	2.86478539	2.91878375	2.96759668	3.65735781
4.47787237	2.65912154	3.95225187	3.68808129	3.67988665	4.60774292	4.32915512
4.4861529	3.86494502	4.46200659	4.9835513	4.71223812	3.35613888	3.66684376
1.00E-04	1.00E-04	1.00E-04	0.23126895	1.00E-04	1.00E-04	1.00E-04
0.22708613	1.00E-04	0.25875724	0.54333999	0.36407318	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30350129	0.16949462	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.59164974	2.8311579	2.75811615	2.19683649	1.00E-04	1.00E-04
0.06718044	1.00E-04	0.55691996	1.00E-04	0.24194431	1.00E-04	1.00E-04
3.42046226	1.44608847	2.55367937	2.40375471	2.37209763	3.60273258	3.77201699
4.9092391	4.40250081	4.44586971	4.27003811	4.20304556	5.00106337	5.27610391
4.0399266	3.39518723	3.5637683	3.18382945	3.4887545	4.01108034	4.35158868
5.90184293	4.96372837	5.07212887	5.95135622	5.62725171	5.51278762	5.12711998
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.14270002	2.9281237	3.8754451	3.97713053	3.9832638	3.78701726	4.05634033
3.88279292	1.28232395	3.13742805	3.15846971	3.3743218	3.61815008	3.84120087
1.53828445	1.52442888	1.8968585	2.21491603	1.88134703	1.70318901	1.29659431
0.68289511	1.00E-04	0.24563071	0.27240571	0.22793375	1.00E-04	1.00E-04
1.98016824	1.00E-04	1.69559042	1.94178404	1.2962054	1.99932611	2.4315313
6.17754959	3.58271617	4.86143364	6.02219031	5.88452416	5.13039191	4.92364719
5.93766767	4.81855117	4.90193749	5.38217534	5.35432108	5.12851077	5.01343575
3.73401601	0.68407235	3.14009368	3.61245408	3.32308417	2.60843251	2.24685105

6.18018899	4.68777563	4.99310498	5.92458435	5.79647838	4.79502318	4.83503814
5.53256003	4.36968404	4.49192623	5.20817938	5.1692934	4.99622067	4.28620159
4.2323419	4.00293502	4.39976446	3.89738315	3.96609208	2.90679016	3.14985961
2.86262486	2.8853136	2.61747739	2.75908662	3.22498165	2.53129619	1.38850675
4.51842613	4.23394546	3.48988143	2.70509054	3.14942293	4.92730499	4.87502937
2.50293667	1.08649412	3.02718031	2.46996475	1.98737856	3.01044445	2.94082275
0.98789845	3.58697216	4.57779903	4.74962993	5.06054193	1.00E-04	1.13786198
1.44494288	4.40399886	4.63607841	5.3492001	5.4672675	1.39046758	2.43128026
4.10675227	4.67262105	5.65551702	5.06715398	4.9085778	4.37505444	3.99757499
2.48857128	3.17947032	3.77406102	3.88037015	3.37552087	1.42078321	1.97186884
4.25106958	4.06770145	4.26487786	4.37589115	4.48555226	3.8289036	3.79767746
4.85218746	5.10659708	5.94840931	5.76496809	5.93294419	4.91071779	5.14963382
3.11528791	1.00E-04	0.75286951	0.50586241	0.86536353	2.12353537	1.69134652
1.70921667	5.15255256	5.70997931	5.21610556	5.26215263	0.77057821	1.8610863
2.47929832	2.81326422	3.93064522	3.34939294	3.53288617	3.24261451	2.16438109
3.10337193	2.67126676	3.04343864	2.50238943	3.09848943	3.47431372	3.30117389
1.00E-04	1.00E-04	0.09286457	1.00E-04	0.37508281	1.00E-04	1.00E-04
1.27926689	2.27801923	0.7259813	1.32611075	1.97492033	4.27671049	4.15280511
0.69813542	2.73293083	3.9187257	3.65065101	3.83971239	1.00E-04	0.41275046
1.92189748	0.68407235	0.28685054	0.18912344	0.46401988	1.91713825	1.74572988
0.30589395	3.81148674	4.47037442	3.91308169	3.93197438	1.00E-04	1.00E-04
1.33737967	4.42560856	5.57961271	5.37607593	5.4440958	1.30530732	1.00E-04
0.81382126	4.26844613	5.04369755	4.45811775	4.42232123	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1722819	1.00E-04	0.11344173	1.00E-04	1.00E-04
4.09462814	2.23586254	4.24698191	4.40758843	4.56641149	2.70948392	3.94484806
4.40229162	3.93882959	4.39935125	4.1589718	4.43049725	4.44367983	4.1756426
1.00E-04	1.65879088	2.57338796	1.79659186	2.79032804	1.00E-04	1.00E-04
0.62770501	1.00E-04	1.27646315	0.074384	0.56777492	1.00E-04	1.00E-04
0.06765176	1.00E-04	0.12776269	0.12271058	0.14163853	0.68203783	1.00E-04
0.06301971	1.00E-04	0.46699509	0.17154006	0.09550581	1.00E-04	1.00E-04
0.62301739	3.96487048	5.4192062	4.42724569	4.65427218	2.83985625	2.67414781
0.95387832	0.72877389	1.33747183	1.68253716	2.05886762	1.60007999	1.68830099
1.19478447	1.00E-04	0.5875236	0.35501946	0.55590159	1.00E-04	1.57114597
1.00E-04	1.00E-04	1.4292595	1.4689292	0.63571709	1.00E-04	1.00E-04
4.92029128	3.78270359	4.92569002	4.5162428	4.3270157	5.24324361	5.19271196
3.84746223	2.3798592	2.57409635	2.28913975	2.51045811	0.94908439	1.00E-04
0.52016549	1.00E-04	0.20240825	0.52262909	1.04943038	1.00E-04	1.00E-04
3.88114349	2.21961838	3.40659387	2.79446816	3.1579392	3.33939074	4.12206622
1.00E-04	1.00E-04	1.00E-04	0.29913978	1.00E-04	1.00E-04	1.00E-04
0.63759162	1.00E-04	1.00E-04	1.52511289	1.00E-04	1.00E-04	1.00E-04
0.47858056	1.00E-04	0.26009103	1.58598197	1.53022774	1.00E-04	1.00E-04
1.16932398	0.79637057	1.11551007	1.30031395	0.78478203	0.81859263	1.00E-04
0.07341779	1.00E-04	1.00E-04	0.12204958	1.00E-04	1.00E-04	1.00E-04

1.00E-04	3.39652178	4.18610636	3.6774922	3.67497173	1.00E-04	1.00E-04
3.67792964	4.02031623	3.92707107	2.89067946	3.10678781	3.97262378	4.14475891
0.685986	1.00E-04	0.16606522	0.06796023	0.44547915	1.00E-04	0.68773152
2.03216577	1.00E-04	1.46790375	1.35794308	2.28970109	1.00E-04	1.38596013
2.37292495	1.76648805	2.75448032	2.9496348	3.58172967	3.18912175	1.65374659
2.85450969	2.82011684	2.96234913	3.23390282	2.14189314	2.67556304	1.97469187
2.98356205	3.3117828	3.08853058	4.04373707	4.04765603	2.50149214	2.50240362
2.92552193	1.00E-04	0.72471552	1.23751437	1.24258978	2.28675353	0.54053641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.90221606	3.67424658	4.4910213	3.95620461	4.24891682	5.71721004	5.71154004
4.15826269	3.09000527	3.91430456	4.13413681	4.34839669	3.50742601	3.69115312
3.67571177	3.51390348	3.52231346	2.91194985	3.53134195	3.25543411	2.89300867
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0.53302287	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.18362765	2.99116849	3.60355336	3.15210262	3.55362412	4.16072502	4.18258355
1.51229092	4.75309024	5.39422335	5.39250349	5.15895747	1.00E-04	0.7179807
2.58725687	3.370505	3.2093928	2.78847726	3.34939015	3.14112108	3.1255962
4.92689369	3.89956556	4.81605344	4.45753729	4.40561338	5.45490023	5.43368679
2.80996308	1.2795411	2.94413701	2.48217943	3.07157426	2.98965834	3.04365089
2.66911218	0.87612072	2.04551164	2.34691975	3.25870428	1.57282171	2.24358474
4.42057625	3.69784911	4.68790769	5.10651442	5.00185914	2.57380781	3.53001301
2.57643018	1.00E-04	2.34376658	1.80003283	1.71370492	1.96491525	2.23823521
1.20522633	1.00E-04	0.94669261	1.10627514	1.9910917	1.34554831	0.35134699
1.24138566	1.7889106	2.80734545	2.86337918	2.5264546	0.81755274	2.1835192
6.6811539	4.8059242	5.57132242	6.51888904	6.33056232	5.47413594	5.65096579
2.63480496	1.2795411	2.88570441	3.48494512	3.55824451	1.8867916	2.05699129
4.18360976	2.56856372	4.07914526	4.57527588	4.41989932	3.76712682	4.20229673
3.44576979	1.00E-04	2.23591969	2.93923355	2.52048567	1.36017469	1.56870778
4.30482519	2.79476284	3.11775381	4.47686738	3.99792157	3.10018883	3.30606917
3.85589726	2.42707039	3.36302123	3.81615761	3.47312086	3.82335436	4.15444495
3.40918338	2.57378776	3.37616604	3.56351021	3.33836689	3.36523102	3.5424728
3.92772633	3.03803489	5.12846045	3.36585874	4.03081108	4.18309017	5.55257026
5.59127447	2.08658425	3.05276721	3.14426926	3.14027449	4.64468078	4.74972536
3.95310832	1.87885965	3.58113408	3.00399936	3.45353721	4.13066135	4.41704334
3.38415989	1.23797603	2.70579951	2.42957034	3.06270207	3.20741534	3.68160227
2.54061309	2.60938257	2.21657854	2.58940548	3.02883555	2.47664596	2.46795124
4.67416322	4.15708266	4.79569369	4.44154437	4.34533803	4.85278909	5.15000961
2.837983	1.53917348	2.41937123	3.32824546	2.99184754	2.71751222	2.22364026
3.35724421	1.46000926	3.12272104	2.5897254	2.92077463	2.79803245	3.1188199
2.94469494	1.75143617	2.95525741	3.09553986	2.86992792	2.3076668	2.14850864
4.21906955	2.10805524	3.06218627	3.6426225	3.47858237	3.54228042	3.43586913
4.67153295	3.57925595	4.20161444	4.55395446	4.81970099	4.25895202	4.15272788
3.9398183	2.18837723	3.13065437	3.39916184	3.59948698	3.61301249	3.4852

5.32633973	3.78295249	4.94789943	4.96384426	5.00809788	5.22419154	5.24479558
3.7837218	3.51832478	3.42544055	3.1881676	3.36691214	3.75610259	3.72739718
4.3332533	3.41369986	4.05991485	4.46360454	4.61626804	3.94282952	4.17688885
5.29995322	2.29483776	4.20431329	4.98660861	4.87431374	4.30005795	4.69485757
4.979463	1.65790446	3.6447422	4.38120811	4.42776273	3.79695723	3.44661149
4.35512942	3.4670796	3.81550985	4.54384817	4.26284205	3.46635305	3.06690144
5.27047075	3.05523727	4.37200402	4.73795354	4.5700242	4.88035738	5.13552484
4.16408124	2.32638884	3.43810623	4.3339676	4.07118447	3.13444145	3.11753999
4.05922857	3.57601667	3.97285607	3.89754348	4.05861703	3.88853434	3.94929806
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4.78022077	3.17909878	3.89935025	4.2352099	4.22530933	4.51931589	4.56787662
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3.88247108	1.81154192	3.08339484	3.40771109	3.52828703	3.38492303	3.70769856
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3.13605258	3.63498155	2.30131907	1.62454596	2.97473892	3.04666377	2.16188609
4.08559016	3.31401453	3.13105195	3.59588706	3.70980606	3.88771171	3.97462751
1.4566451	3.04826228	3.61639493	3.45390371	3.25241932	3.4205908	4.0633219
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3.42679557	3.75325801	2.98765445	3.02351613	3.37940883	3.64284951	3.72725947
2.11259613	0.87456952	1.91028827	2.35022201	1.75573159	1.49486822	1.00E-04
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3.88933976	2.55921408	4.07233854	3.80439145	4.20673188	3.62975931	4.2800177
5.12380278	4.42690153	5.37990587	5.7938916	5.6091245	4.9867543	5.12463185
6.62827068	5.0421367	5.97109542	5.26325368	5.43911608	5.77980543	6.12188959
4.21682666	3.02395881	3.82083278	4.0890023	4.130599	4.36720276	4.53688887
5.35114754	4.45369391	4.83333372	4.9944551	5.12141197	4.59289851	5.2210146
4.23096714	3.41246806	3.64598036	3.90746445	4.02934211	3.5222596	3.87009275
0.67294427	0.74506998	1.50730177	1.23674964	1.12653945	1.57313822	2.11439888
4.59506705	4.69900214	4.65100559	4.77936499	4.73600562	4.11636641	4.38397023
3.76629233	1.37137101	3.30465212	3.90798022	3.79058389	2.75638299	2.90155715
4.47015878	3.10446038	3.64455103	3.2745825	3.66606802	4.9970023	4.69133132
2.01749219	2.07443396	2.33399081	2.2839942	2.11816961	1.89910935	1.99695257
2.44293814	1.76548242	2.49038781	1.85266876	1.81439881	2.75226868	2.54766038
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39217647	1.00E-04	1.00E-04
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0.41898482	1.00E-04	0.60273353	1.00E-04	0.61563697	0.71661629	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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4.84488502	4.06965399	5.16771968	4.70380655	4.84768757	5.44109871	5.64973571
0.23127729	4.7652359	5.02889816	5.1079501	4.7631189	1.00E-04	1.00E-04

3.79269712	2.24851283	3.05220004	2.40846708	2.9975934	3.81625412	3.78149808
1.37318366	2.56654409	2.15338734	2.86377813	2.62053332	0.62567961	0.35134699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33644022	2.21114966	3.04584383	2.91828132	2.84710683	2.43981192	0.316869
2.15666207	1.00E-04	1.80746885	2.23953	1.2941593	1.00E-04	1.86950021
5.27373994	3.13651969	2.56738852	2.42857388	2.52527001	4.95053065	4.79148103
3.67613347	3.88379843	2.97198328	2.64397755	3.0482781	3.62699783	3.61887242
3.7961808	3.21483997	3.84404241	3.44156603	3.47611607	4.30142994	4.17158709
4.59204435	4.53068163	4.43047663	4.22804851	4.37862039	3.96646977	4.85513501
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7.15343214	5.2453185	5.86066594	5.48217521	5.87888955	6.59192274	6.52162162
2.3407126	2.38230826	2.67092503	2.21182286	2.57991994	3.27578854	3.79010011
1.49756363	1.71931222	2.36645249	2.42983579	2.90304997	1.00E-04	1.32800755
0.19474114	1.53351514	0.66002722	0.79033131	1.41767678	1.00E-04	1.00E-04
2.86460583	2.0860973	2.81029933	2.95598171	2.74055955	2.40509541	2.24326133
5.10345382	4.16961978	4.05951371	3.83379832	4.38376062	4.64460621	4.58578129
4.42918106	2.53912888	3.59418195	3.18904788	3.33003388	4.35989636	3.88323463
1.00E-04	1.00E-04	1.42055872	1.52394442	1.52158704	1.00E-04	1.00E-04
3.50633326	1.94232949	3.34223191	3.03011559	3.04122725	3.23253524	3.30835391
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.26535631	2.43189033	3.71138371	5.0083247	4.84713863	2.09606171	2.37229227
4.29417422	3.8366511	4.01015182	4.50893168	4.67282878	3.62434188	2.93063338
3.08101541	3.16857473	3.83281261	3.9099158	3.91847358	1.46039618	1.91923807
3.57040596	0.92068596	2.58260875	2.96462459	3.21010718	2.86512891	2.97087025
1.00E-04	1.00E-04	0.36894197	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4508725	1.00E-04	0.10142528	0.12143419	0.10813686	1.00E-04	1.00E-04
0.18529938	1.00E-04	0.26997423	0.33893015	0.96593512	0.9559646	1.00E-04
5.22610216	3.91316327	5.08812229	4.76767073	4.9445416	5.5726829	5.37389926
0.2844415	1.00E-04	2.23202968	1.07842194	1.85417564	2.2719381	2.07601368
1.73118817	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.10447657	3.02184986	3.45841275	3.54373107	3.4328334	3.1212919	3.88487588
4.04684469	2.85046151	3.19632572	3.47106161	3.05566742	3.80016066	4.03938346
3.47713593	2.06726985	3.54753499	2.98782553	3.19233556	3.80876511	3.88271302
4.92326197	2.33969544	3.77078849	3.09725247	3.99068019	4.99406955	5.22504115
2.5332505	2.03010362	2.44049994	2.16651062	2.51353569	0.94908439	1.88043716
2.42285825	0.71640521	1.9531748	1.78265249	1.70690585	2.57298074	2.37221149
0.17314996	1.00E-04	1.60274508	1.00E-04	0.14744713	1.00E-04	1.00E-04
4.32715316	4.32892282	5.03657853	4.50666862	4.62450121	4.82603549	4.68981105
2.87865478	1.48768522	2.24779891	2.38054164	2.61781208	2.61627337	2.12823358
3.50094773	2.34418324	3.54253617	3.97051315	3.79553583	2.99140142	2.91595724
3.39579653	2.35811549	3.8031902	3.81187213	3.78904417	3.85985645	3.62455643
3.56141516	2.28069544	3.09148701	3.6532434	3.64950196	3.27883233	3.4940098
1.57913036	1.10480104	2.1245496	1.67543106	1.72646409	1.50033312	2.97279952

4.01718302	2.00130271	3.39333462	3.91918414	4.05787636	1.63773031	2.77031564
3.28409616	1.45816887	2.8602687	3.68991626	3.5827233	2.48599833	3.02831147
2.91146059	1.00E-04	2.98403381	3.22534442	3.25201237	1.84213776	2.85139207
2.36899834	1.00E-04	2.19484774	1.73849658	1.58265332	1.15746526	1.00E-04
1.00E-04	1.00E-04	0.07655967	0.10561401	1.00E-04	1.00E-04	1.00E-04
2.94225498	1.74009117	2.73055361	3.19612465	2.70992509	1.10522239	2.58169184
1.54176021	1.00E-04	1.04932232	0.42410402	0.37939079	1.00E-04	1.00E-04
0.59263963	1.00E-04	0.16737891	0.10002134	1.00E-04	1.00E-04	1.00E-04
2.76541897	1.00E-04	2.57064695	3.4163336	3.54014961	2.15047032	2.91381036
0.59799139	1.00E-04	1.35961512	0.77213656	0.69049393	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31685329	0.10087056	0.33456175	1.00E-04	1.00E-04
4.22482788	1.37265105	3.04655463	3.08076632	3.10375264	1.00952146	2.84816182
1.25225879	3.99354987	4.75321397	4.2491957	4.26681517	1.8906885	2.46724342
3.48862027	3.60504063	3.55465249	3.60842988	3.92592903	3.4588526	3.45160189
2.47300002	1.65363998	2.43781731	2.44336888	2.85501648	3.10285862	3.04573245
6.53741248	5.5674887	5.91645828	5.70368241	6.19607022	7.23810171	7.13593779
2.56509475	2.86981896	3.78105951	2.84180823	2.93459724	2.54852552	2.87457519
1.51553667	3.18916135	4.04128396	3.54852235	3.65625018	1.00E-04	2.30661655
0.75389135	1.00E-04	0.91912973	1.08463492	0.55152376	1.39885208	1.98671206
1.00E-04	3.50905768	2.18590347	2.93772484	2.88839207	1.00E-04	1.00E-04
5.62462203	4.12395068	4.34892082	4.88743178	5.08895705	4.27442947	4.72408069
3.82484424	2.53055417	3.41901485	2.91680879	2.79162244	4.40906925	4.47577004
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.30719564	4.84492478	5.20790343	4.60532529	4.81778464	0.62567961	2.35951171
0.29863441	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30787112	1.54961544	2.44794707	2.0512547	1.7781773	1.00E-04	1.00E-04
1.74454033	3.13854416	3.51225253	2.84901918	2.9977478	2.01161876	2.84866611
0.36899952	1.00E-04	0.87357372	1.1811473	1.00E-04	1.00E-04	1.00E-04
0.82705967	1.00E-04	1.00E-04	0.12615384	1.00E-04	1.00E-04	0.99227054
0.52102248	0.79637057	0.23265452	0.33124048	1.59062207	1.30103634	1.00E-04
1.60934475	0.72877389	2.24238865	1.3188374	1.7647029	1.46791561	1.32568218
0.7243216	1.00E-04	0.22382556	0.16130923	1.00E-04	1.00E-04	1.00E-04
0.83294523	2.13973916	3.34919084	3.5724718	3.71921323	1.00E-04	1.03441279
1.28582051	3.94965248	5.18501508	5.25592299	5.208743	1.00E-04	2.072444
5.06077674	4.86092639	4.51606581	5.07611707	5.1847119	4.58788075	4.56551758
2.77128098	1.72264196	2.24159497	2.34397306	1.92089278	2.61091751	3.29048172
3.04521917	2.31868452	3.56273878	4.10077691	3.82254718	1.87978622	2.10353077
0.73037956	1.96662028	3.0901148	3.10424527	3.06665175	1.00E-04	1.00E-04
3.71403903	2.62385184	2.65853176	2.39445665	2.95910665	3.28722964	3.74958051
1.83954604	0.68407235	2.15423845	3.16191088	3.1755375	1.00E-04	1.58055102
3.28091956	2.85390194	1.06549509	1.27369962	1.34372592	1.00E-04	1.52030985
3.8066477	3.32513923	4.1460141	3.32745161	3.3930722	3.34864562	4.13298274

0.64792987	1.00E-04	0.27235788	1.38526774	1.00E-04	1.00E-04	1.00E-04
2.14623979	1.85059493	3.5738521	2.90309734	2.32883318	4.18198783	3.24465228
0.88928447	1.00E-04	1.00E-04	0.25178017	0.46230302	1.00E-04	1.00E-04
0.34597523	4.72096731	4.56688945	4.24430087	4.1660635	1.00E-04	1.28121852
2.01169442	2.77380813	4.47360507	4.19053942	3.63246909	2.48198385	2.31187598
1.64871097	3.88506862	4.80718988	4.92839877	4.98102877	1.00E-04	2.26607832
1.00E-04	1.00E-04	0.06287992	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.50499319	4.93956583	4.40546847	4.80241533	4.8107129	3.76561223	4.03144612
1.00E-04	1.00E-04	0.3188132	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07379098	0.15314628	1.73104637	1.00E-04	1.00E-04
0.80980003	1.00E-04	1.15642965	1.20560294	2.46325454	1.00E-04	1.77383994
4.15975615	3.42789489	3.83726016	3.41947636	3.72821614	4.40145287	4.14712454
2.65495738	0.87612072	2.38773037	2.4176835	2.69666546	2.06646581	1.97958892
2.28200655	1.47928794	2.42725285	2.22629962	2.56719037	2.11511604	1.98206865
2.72136503	2.70101864	3.42694777	3.27144956	3.13402054	2.60852868	2.54365432
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.05761385	1.00E-04	2.16994046	2.58904933	2.22670801	2.67914294	3.16624145
4.29121207	3.73382176	3.86734283	4.40606906	4.44300532	3.61639734	3.32846594
2.19909769	1.2795411	1.99267857	1.50627158	1.73794541	2.17282657	3.01389611
1.22022993	1.00E-04	0.15404675	1.59986405	0.34534521	1.81136528	2.09138075
5.45903141	4.24792478	4.85239627	4.4999139	4.64374148	5.59981277	5.42599037
4.46669626	3.29674219	4.32314449	3.85362808	3.83119281	4.8169188	4.60546247
2.43325527	3.61708278	4.37106016	4.28196165	4.39118153	3.37796669	3.87477614
5.60052348	4.26100505	4.87723041	4.55124657	4.82201036	6.32815316	6.12434953
2.94576555	2.59554033	3.860665	3.59559354	4.03759748	2.85288771	2.65853682
4.30586587	2.06212213	3.83850184	3.21685061	3.87462305	3.38090285	3.55707814
2.28346969	2.17264634	3.78097356	2.36297108	2.97907082	1.00E-04	2.3742856
1.23852925	4.93075931	5.72773553	4.92250855	4.87655509	1.80345759	1.75252857
0.70909054	3.28003571	4.15666322	3.84840761	4.20377779	1.00E-04	1.99268057
1.70019958	3.89693932	3.81719613	3.21178144	3.16282209	3.19611573	3.54484585
1.00E-04	1.00E-04	1.00E-04	0.09261958	1.00E-04	1.00E-04	1.94255441
5.65673244	4.8266088	4.60549181	4.50500886	4.57375606	5.60315058	5.59107554
4.89840378	4.10068865	5.0544138	4.39515305	4.38488728	5.47578532	5.3922323
0.96256585	2.60255664	3.34214722	3.1957254	3.29558744	1.00E-04	1.00E-04
1.31420452	1.16726039	2.18686795	2.7196489	2.38959937	1.00E-04	0.41275046
3.78046649	2.33924661	3.39694843	2.98862727	3.53547482	4.13378447	3.95213736
1.00E-04	1.00E-04	1.00E-04	0.12143419	1.00E-04	1.00E-04	0.89038937
0.61651299	1.00E-04	0.09910618	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30142491	1.00E-04	0.50625889	0.45283655	0.63504812	1.00E-04	1.31799764
0.39184074	3.70975333	4.17590029	3.77493164	3.69499591	1.00E-04	1.00E-04
0.16819726	1.00E-04	1.00E-04	1.00E-04	0.13820197	1.64001363	1.00E-04
0.59313331	2.98653932	3.49402607	2.7191754	2.72859422	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.074384	1.00E-04	1.00E-04	1.00E-04
0.69112515	1.00E-04	1.41174126	1.16817535	1.34539622	1.00E-04	1.00E-04
1.79004106	1.00E-04	0.19227131	0.14107641	1.00E-04	0.71661629	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94908439	1.00E-04
4.87440633	1.00E-04	0.49785252	0.68282855	1.00E-04	0.97412898	1.00E-04
0.93915981	1.00E-04	1.92190123	0.57613069	1.60280997	1.49183804	1.07387115
1.00E-04	0.87456952	0.99516714	1.33366757	0.78987042	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21206054	1.00E-04	0.51871524	1.00E-04	1.00E-04
1.77259902	1.00E-04	0.48229311	1.03020416	0.64483934	1.00E-04	1.00E-04
2.27659022	3.66433697	4.32650693	4.64655196	4.49953423	1.36017469	1.78986713
0.19082602	1.00E-04	0.16187388	1.00E-04	0.45268357	1.00E-04	0.82486735
0.16734104	0.72877389	0.76552294	1.5868242	2.08620883	1.00E-04	1.00E-04
0.1453952	1.00E-04	0.40401911	0.19340178	0.64869629	1.00E-04	0.83430531
3.81637364	2.62999923	2.18312377	1.69180811	2.16423661	2.94340164	3.55754824
3.28794141	2.26909358	2.85456931	2.74136965	3.303838	3.14444985	3.08153447
3.13510009	2.73158058	3.04453261	3.34062287	2.9135004	2.34319997	2.41956388
2.40931226	4.19117745	3.82383372	3.49855008	3.3099116	0.74564767	2.72382956
0.51766194	0.69779233	2.65844173	2.66611167	2.57759813	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62687	1.00E-04	0.8247751	0.81031629	1.09846295	1.00E-04	1.00E-04
1.00E-04	2.20707719	2.26246547	2.16880487	2.47985883	1.00E-04	0.94970493
3.896798	2.43249546	3.86341178	4.02560861	3.56698538	4.1850176	4.20374209
5.55364569	4.40138731	4.54070843	4.28703786	4.87933446	5.85953884	5.87426031
4.5056783	2.80578703	4.02258945	3.52034003	3.46556296	3.99375668	4.09397586
3.29812075	2.58379896	3.51544802	3.19684687	3.52352131	2.98759912	0.97863975
1.00E-04	1.00E-04	1.60305828	0.6533637	0.94699212	1.00E-04	1.00E-04
0.51812959	2.35178052	3.41423529	2.78954517	2.62006433	1.00E-04	1.72765761
1.00E-04	0.96847026	0.19114964	1.44629724	0.39638949	1.00E-04	1.00E-04
4.80544729	3.64174793	5.92905683	4.1513566	4.47252114	5.06018726	6.63314326
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10473028	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.70250368	0.7902481	2.50352466	2.49310905	2.02625474	2.74793331	1.32976018
3.82306648	2.5767229	3.49401108	2.81530883	3.21847034	3.78575187	3.54059177
3.43589884	0.72877389	2.20138852	2.48449084	2.15567227	3.41517665	4.40377216
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88078111	4.18892254	4.33225697	3.89504497	3.81016158	1.00E-04	1.00E-04
1.00E-04	2.54055518	3.36357739	3.673122	3.58542184	1.00E-04	1.00E-04
0.23406349	5.43972415	6.01196179	4.96079695	5.3790943	2.50540809	1.75875506
5.51486984	4.72169483	5.49991655	4.96578546	5.1644815	5.97174603	5.92816423
5.5332357	4.87382983	5.64393848	5.00187721	5.33663171	5.22098882	5.28995125
0.78171701	1.67051148	0.99724677	0.49848353	0.93428219	1.05970842	2.03019477

4.05472071	4.06803563	3.21168373	3.71971147	3.81926434	3.169916	2.83643723
1.9373632	1.00E-04	1.74253244	0.98469835	2.0021809	0.68203783	1.7897106
3.58025148	3.35052454	2.92530028	3.41657968	3.00460865	3.59267874	4.01471113
2.65896078	3.39633448	2.37012031	2.74615974	2.40709419	2.88540604	3.28444519
4.00323807	2.82627242	3.46991502	3.59389193	3.63975673	3.98350125	4.06552035
4.37931186	1.71719266	3.31777875	3.11975212	3.29446987	4.54089876	4.53040806
1.47393537	1.00E-04	0.94118716	0.34444645	0.48101363	1.6173648	1.88673356
4.66250179	2.96992447	3.86534919	3.68089775	3.85317429	4.13619948	4.49192862
3.17142994	2.87927683	3.49343465	3.2088187	3.28873053	2.93806998	3.65682404
0.92320249	1.00E-04	3.32590265	3.8112616	2.60577414	2.18534432	1.35754869
2.36442494	2.78782082	2.70601394	2.67508417	3.18890643	2.41013682	1.43934187
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61859758	1.00E-04	0.10444449	1.00E-04	0.1685492	1.00E-04	1.00E-04
2.19739155	0.8358776	1.97616431	2.46212794	2.48016399	0.9513318	2.39623352
5.28311402	3.20744187	4.1295119	4.12249588	3.98382408	4.41363698	4.10793373
4.9186264	2.39304272	3.71247726	3.96124619	3.86136136	3.9689055	4.03956277
3.70105166	3.1841923	4.1897103	4.48005375	4.54665889	2.94822526	3.29420867
4.28649557	3.46047371	3.8766765	4.61610184	4.58614226	3.0932843	3.79685234
4.28811667	3.54708063	3.82275014	3.40519975	3.83712119	3.97233942	4.13623077
1.98599931	1.00E-04	2.18257338	1.67491812	1.2455356	0.94371668	0.46517855
3.83675585	3.6170391	4.28032382	3.96337111	3.98571959	3.99190883	4.34535813
4.38730517	2.04138075	3.23386504	2.90277965	3.42268613	3.80629797	3.62933747
0.65076667	3.92470648	5.03558632	5.16348484	5.06564839	1.00E-04	2.17105008
1.15766309	5.72956541	6.36914112	5.93104929	6.05983607	1.00E-04	2.47962663
1.00E-04	1.00E-04	0.43525692	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94148637	4.40960645	4.71849317	5.65351582	5.58295994	1.00E-04	1.78154208
1.17907926	1.50450275	2.08353983	2.89520714	2.66944993	1.00E-04	1.00E-04
0.51904646	1.00E-04	1.00E-04	1.00E-04	0.17713548	1.00E-04	1.00E-04
4.11315061	2.99058945	4.15502834	4.61363575	4.32149067	3.79363896	4.20699581
2.55128377	2.4254093	3.89178706	3.62446979	3.51995261	1.97011083	2.46095682
2.95550119	3.52843325	3.41757686	3.51229085	3.55306927	2.91167352	1.1474645
1.29887358	1.52102673	1.61015627	1.40155984	1.33593188	0.81755274	0.46517855
2.86728794	0.68407235	2.73519605	2.21545943	2.72613764	2.63270073	2.72967788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.49241706	2.24678	3.32538165	3.32270163	3.22971942	4.62567087	4.42403815
4.30343619	2.61820889	3.92744193	3.75594015	3.56356074	5.54878897	5.71806874
0.4033905	2.04588094	2.79462832	2.27644145	2.78658033	1.00E-04	1.00E-04
4.31563162	3.26340573	3.81185957	3.63651458	3.5242605	4.39332976	4.55339597
5.18147981	2.54400156	3.17974509	2.96509055	3.49047785	4.7525012	5.07738738
3.661722	1.00E-04	0.95038009	1.24145744	1.35715251	3.62565621	2.81356011
3.84779833	1.3348453	2.78908081	3.03167051	3.18547206	1.81163054	2.44590933
5.36481259	4.41271654	4.20577893	3.90758963	4.16639695	4.49753702	5.24240873
0.76707835	1.81792293	2.96032461	2.03351258	1.83703713	2.08524612	2.01589431

2.42759773	1.00E-04	1.69589626	2.13799928	2.26447658	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38385694	1.00E-04	0.38564485	0.46866469	0.49948035	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14749497	1.00E-04	1.56227775	1.00E-04	1.00E-04
0.4931775	1.00E-04	0.51949857	1.00E-04	0.1216717	1.00E-04	1.00E-04
1.25478929	1.00E-04	1.00E-04	0.06816182	0.2938109	1.00E-04	1.00E-04
4.75968586	4.0024868	4.52132813	4.18924427	4.35466193	4.94847218	4.69540473
1.00E-04	1.00E-04	0.15536551	0.26783419	0.80583663	1.00E-04	1.50675156
3.81898303	2.4175624	3.08945816	3.7178154	3.91241713	3.40482097	3.74331736
4.1915595	2.35283731	3.88410179	3.91855999	3.78210546	4.04917764	4.12509322
1.00E-04	1.00E-04	1.00E-04	0.14621476	1.00E-04	1.00E-04	1.00E-04
0.40574775	1.00E-04	0.87610976	0.40113829	0.89219905	1.00E-04	1.00E-04
1.44846774	2.32472974	2.46072048	2.42163209	2.32370591	1.00E-04	1.00E-04
0.52016549	1.00E-04	0.4218473	1.00E-04	0.27006942	1.00E-04	1.00E-04
3.17308224	1.41136045	3.37254371	2.29332673	2.58938882	2.75399426	3.69285735
1.71337641	1.24426431	1.370978	1.03513845	0.76983951	1.52468996	1.00E-04
0.30410966	3.31999117	4.45070074	3.9840502	4.21775503	1.00E-04	1.5344211
0.60276358	1.79584319	2.58953135	2.61711017	2.98420669	1.00E-04	0.35134699
3.20105441	3.68074685	3.28957439	3.34104536	3.29414957	2.3802146	2.35915687
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76519666	4.60470139	5.88280126	4.99586964	5.01765159	0.88297287	2.42023512
1.59420881	0.74506998	2.25841599	2.20687535	1.26717085	0.81859263	0.93074312
4.34074711	3.47689881	3.87461273	3.49938239	3.99747647	3.74431608	4.46946865
4.64463503	5.01301383	5.23892925	4.72569875	4.47038925	6.51010877	6.45905952
0.16819726	1.00E-04	1.68483319	1.16361317	1.35738278	3.33415855	2.01123043
3.55801556	1.83069387	3.38464376	2.91477088	3.18801363	3.52437307	3.70416469
4.24935508	3.50603439	4.46317084	4.4180758	4.24992307	4.60532335	3.98492205
4.05883856	2.46142755	3.99576438	3.85114131	3.78256302	3.95967316	4.42739207
4.31908519	3.59415883	4.66419328	5.47924549	5.14032461	2.87780461	3.61145684
4.31823469	2.14094205	2.9139086	2.8368041	2.87384351	2.91973109	3.86548781
2.94655376	2.96718975	2.08555994	2.77394308	2.27758958	2.53616252	2.97596913
1.85404247	1.55040551	2.79141397	3.31592403	3.07673923	1.31621906	1.89264139
3.6505786	2.07174069	3.42741504	4.11789396	3.95745276	1.93357637	2.91827809
4.73084543	3.85384272	4.9611699	4.2914548	4.56182203	4.42247276	4.75790908
1.00E-04	0.8358776	0.50180433	0.09749395	0.26543859	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.3701786	4.20780988	1.59804601	2.61275957	2.3682133	6.66012156	6.15688707
3.00246221	2.55545849	4.14669747	4.04303926	3.94220528	2.91035231	2.87974694
1.00E-04	1.00E-04	0.13390453	0.08509915	0.12233227	1.00E-04	1.00E-04
1.4478447	1.00E-04	0.08749008	0.96729276	0.28767509	1.00E-04	1.00E-04
3.13531717	3.85992285	3.13346113	3.17662378	3.50355729	3.28740247	3.60032263
1.00E-04	1.00E-04	0.13840356	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.21433745	1.00E-04	0.33905083	0.59590552	0.10452963	1.00E-04	1.37881795
2.57488506	1.00E-04	0.34980411	0.31725843	1.1452446	1.52340942	0.72495184
5.98753816	5.16876904	5.92104099	5.21013064	5.39883472	5.95510716	5.81262005
0.42228176	1.00E-04	2.05200912	0.60595831	0.24525193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20795807	0.3001761	0.35000888	1.00E-04	1.00E-04
2.0697878	0.72877389	1.35965748	1.84670354	1.70379	1.96873611	1.30478169
0.14284657	4.13456371	4.75828102	4.21162076	4.03632764	1.00E-04	1.00E-04
0.80837927	0.7902481	2.38019484	1.81225307	1.37506179	1.00E-04	1.00E-04
2.54687823	3.07828387	2.78489555	1.82643971	1.4664483	1.00E-04	1.00E-04
3.81855023	0.7902481	2.24905555	1.73861124	2.50410588	2.96974913	3.09498268
5.25440939	3.06603128	2.53642244	3.49532445	2.7175584	3.23210162	3.10006141
4.9925714	4.71085302	5.59434944	5.05272922	5.05864119	2.36386296	2.94386962
2.55088725	1.00E-04	1.85482679	1.28153319	1.68491199	2.08021395	2.18683136
4.81855215	4.97124836	5.61454315	5.04518738	5.26958402	5.42536781	5.4837517
1.00E-04	1.63245595	1.36032339	1.13066848	1.08389652	1.00E-04	1.00E-04
4.79283487	3.89329808	4.83850851	4.44600684	4.69316976	4.53045487	4.65760977
1.00E-04	1.00E-04	1.70853787	0.16954567	1.00E-04	1.00E-04	0.49725191
2.65734935	1.49525811	2.85145127	2.6885971	2.13966938	2.11071097	1.93937039
3.67697963	3.46851896	3.12237473	3.1768902	2.99119097	4.01188812	3.85119891
1.86541344	1.00E-04	1.00E-04	1.00E-04	0.98112017	1.23897179	1.42022303
0.96745693	0.69779233	0.67257138	0.40962589	0.47083159	1.00E-04	1.00E-04
4.46144165	3.95891548	3.80306806	3.85313377	3.75957063	4.24443241	4.03782946
4.71079689	3.11068375	4.50950828	3.82384731	3.87309345	5.02689566	4.69101352
3.80463803	2.18727738	3.26824967	3.12709925	3.16327274	3.2639354	3.34712584
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15507585	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17706812	0.07375842	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.70379099	0.51363048	0.59072062	1.00E-04	1.00E-04
6.0058144	5.23591003	6.09877749	5.42508576	5.49433717	6.190796	6.09194981
4.34724665	2.26150738	3.92790092	4.17890968	4.08238326	4.16961119	4.03802803
5.2301316	1.69627228	4.0225688	3.8082869	4.0495948	5.18981651	4.65952671
5.3769667	4.88823344	5.60389229	5.10824017	4.9842616	5.93187844	5.95346071
2.74022244	2.05825062	3.04688982	3.34821031	2.89736053	3.10859582	2.76023874
1.81134623	2.27801923	1.37017415	1.0385186	1.44187438	1.38951674	1.99470673
3.65768297	2.66928342	3.33341666	2.93594972	3.29853566	3.75002538	3.47770551
3.07649941	0.69779233	2.51206815	2.74155534	2.46572636	2.33758336	2.65646396
3.33088638	3.65604164	2.89163637	3.20979825	3.384309	3.4947794	3.70697452
1.85491036	1.00E-04	1.47355756	0.47255135	1.68602044	2.47331442	1.94317275
3.62321267	2.84770168	2.66088681	2.29611835	3.05318242	2.79137263	2.58635809
2.42639804	3.00779811	2.23284228	3.32058624	2.74318753	1.47328915	2.1461065
3.05813909	1.37265105	2.03387039	2.2869266	2.88370039	1.44560015	2.99595278
3.46110164	1.47996903	2.60000942	3.28727031	3.01257449	1.41792478	1.37536802
4.01774916	3.21508756	3.39555108	3.54996929	3.66964947	3.07504776	3.13176716
3.04122668	1.15872716	2.37190727	2.21731676	2.18782121	1.7719766	2.88512694

2.77604799	0.71640521	1.84175231	1.65582274	2.2732154	2.0500253	3.30086121
2.27488089	5.299778	5.17077743	4.88883045	4.74042031	2.63350023	2.36745723
4.92169532	5.77159557	6.52655303	5.62479671	5.77595975	5.24564704	5.5373718
3.32419207	2.45712023	3.23275178	3.02658879	3.1097555	4.3743794	3.89855813
0.57504961	1.00E-04	1.25538956	0.79837647	0.63531933	1.00E-04	0.40038755
2.31765925	1.67537723	2.9917708	2.31433578	2.80753827	2.3936385	3.00114231
2.26869201	2.66382842	4.31727015	3.48122807	4.08448225	2.67353275	2.57687111
0.67691394	3.0147296	4.49102605	3.59342686	3.33296577	1.00E-04	1.0244242
3.8609193	5.57762891	6.02396231	5.48282226	5.32750514	1.00E-04	1.22697765
4.67897607	3.31929968	4.2978681	3.95559936	4.02992149	4.65015891	4.4512164
1.00E-04	3.07233208	4.81647003	4.00509887	4.04551622	1.00E-04	1.58608049
3.38877125	1.36419637	2.76902225	3.09402791	2.31570251	3.88039686	2.6014535
3.97713064	2.35407418	2.83215172	2.39690058	3.18356039	3.86347549	3.92702142
5.47405023	6.46462124	7.10191277	6.80150983	6.6647602	6.14889343	6.03187068
1.61694732	0.8358776	2.09669373	1.52228393	1.65595543	1.15464519	2.15050633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.39666323	3.27055136	4.4999794	4.62096727	4.72282969	1.10522239	1.72953585
0.89828681	1.00E-04	0.25586551	0.4799356	0.34859939	1.33356452	1.00E-04
3.8279805	3.32595191	4.51833985	3.8688155	4.36225496	2.4583507	3.43189756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50476425	1.00E-04	0.35653091	0.71833976	0.40937218	1.90289349	1.32483689
0.77293576	1.00E-04	0.50157464	0.40010773	0.59729984	1.68178165	2.5559638
1.98477709	1.00E-04	2.50477815	1.76800293	2.02421374	0.9559646	0.40038755
1.05489167	1.00E-04	0.15125489	0.28532576	1.00E-04	1.58062967	1.48510788
0.74215289	1.61173889	4.08514	3.30192469	3.4457713	1.00E-04	1.24145063
0.14300196	1.77658868	0.27465718	0.21451113	0.45064447	2.08967698	0.80418678
1.00E-04	1.00E-04	0.48950964	1.22180099	1.5667526	1.00E-04	1.00E-04
0.96889209	1.46320136	1.45645916	1.29823993	2.08597197	1.00E-04	1.32371109
1.00E-04	1.00E-04	0.56575587	0.34586358	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.07550246	2.62399113	2.06043616	2.6795577	1.43054211	2.0868013
0.61720058	1.00E-04	0.47752153	0.94884717	0.36880125	1.00E-04	0.7214142
1.76365322	3.53390955	3.84032293	3.6027213	3.41113276	2.6242547	1.67334982
2.23902452	0.8339972	1.92816308	2.60454703	2.54404857	2.02861739	2.5802369
2.64888856	1.28472534	2.6011981	2.79502621	2.50133855	1.64846794	2.11433336
1.78129527	1.00E-04	0.86272985	1.37761774	0.53498068	1.00E-04	1.86542473
0.09976055	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08590433	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2367286	1.00E-04	0.44111163	0.40781563	0.23722981	1.10522239	1.52414654
5.20405502	4.4582807	5.90366661	6.53792476	6.35468522	4.10584901	4.98123789
5.27019759	4.7764607	6.07720808	7.01256002	6.70318496	2.39668414	4.53074093
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36843692	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13225393	1.00E-04	1.00E-04	1.00E-04

1.91188855	1.00E-04	1.91509477	2.00864656	1.91951776	1.00E-04	2.5968492
3.95620856	1.33855165	1.2892139	2.31013086	3.14463166	3.60771679	3.5611178
1.99015909	1.00E-04	1.54863543	0.86401955	1.19367103	1.65974683	1.00E-04
2.28006629	1.00E-04	0.37679104	0.83544626	0.53064404	1.28787782	2.45479202
1.00E-04	1.00E-04	0.18655917	1.00E-04	1.00E-04	1.00E-04	1.09929142
5.52881374	5.11863807	5.6682134	5.27811199	5.3803196	5.96602819	6.30005809
3.69704822	2.21023291	3.69052413	3.24139946	3.09268668	3.86455367	4.11596876
2.58220309	1.91163351	2.71194979	2.4775451	2.32905419	2.52985481	2.77450434
1.13613121	0.68407235	1.56644452	2.55882879	2.36481975	1.00E-04	1.52921064
3.8347513	3.90825107	3.53204062	3.94345946	3.88092898	2.94603139	3.23904973
1.00E-04	1.00E-04	0.10334576	1.00E-04	1.090401	1.00E-04	1.00E-04
4.01134505	2.89082463	3.75593083	3.30507374	3.48943821	4.26931941	3.72914053
4.13701055	3.99470065	4.41324819	3.72728718	3.75660828	4.86873042	5.20406633
3.11294502	1.90722012	2.78438017	3.07106093	2.47478547	3.13543144	2.19995494
1.60091563	1.33582455	3.84279214	4.17411656	4.07288605	1.83970417	1.70838258
1.00E-04	1.33386508	1.51299754	1.18515523	1.07771281	1.00E-04	1.00E-04
5.95964243	4.50214842	5.45032947	5.48441107	5.2440134	6.19913109	5.94738189
2.61734964	2.85390194	1.94572917	2.03679738	1.5465244	1.63173904	2.06291074
0.10260419	1.00E-04	0.74554217	0.3591566	0.38884501	1.00E-04	3.44980563
0.1638566	1.3348453	1.98184588	1.34346677	2.54019325	1.45371564	0.40038755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.64087942	1.49704886	3.98062883	3.49306878	3.95587151	2.70933272	3.66517794
0.58605681	1.17148784	2.06594783	1.42830927	2.30597569	1.00E-04	2.43218014
1.81454831	1.5827291	2.07548882	2.22934616	2.17480718	1.00E-04	1.00E-04
3.19953141	1.5085325	2.71504522	2.16016587	2.34589652	3.47001972	3.40837963
4.17639181	2.07218004	3.97395551	3.65535242	3.12396816	4.35973924	4.2292515
5.07877595	2.81232144	4.17654175	3.79146272	3.64610262	4.39398337	4.34811444
3.27841586	1.75693845	2.34720424	2.33824807	3.08723133	3.83518545	3.02194691
3.31827448	2.42286344	2.61986462	2.7674725	2.53878947	3.02017512	3.46886302
4.85725782	4.36381198	4.86436921	4.58387286	4.75058787	5.14451751	5.11236919
3.15829625	2.90893734	2.00933881	2.77999398	2.9828661	0.88297287	2.75809418
4.14534588	3.9293297	4.82713083	4.42363903	4.58988041	4.45298292	4.38855955
3.50999443	1.78089953	3.03955649	2.65081219	2.77084763	3.18886184	2.09461811
2.8894651	1.19051366	2.45641957	3.31813266	2.45766314	2.04807874	2.12056582
2.68995446	1.19089243	2.17209881	2.51332587	2.37098886	2.9180021	3.10936239
2.24246288	2.27801923	1.59461019	1.38824759	1.06912078	1.1586759	1.89109988
1.47809984	2.08779532	2.85699348	2.26532682	2.12897799	2.33634466	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.34588451	2.67981873	4.04458828	3.6759278	3.65787707	5.07019637	4.61521685
4.29913277	2.58767977	3.59999794	3.240972	3.4362446	3.82632863	4.53716576
2.3282548	2.87105092	1.72581631	2.72112821	2.33603212	1.22911998	0.70162086
2.22120228	1.23689606	2.69055365	2.62627664	2.63754167	1.00E-04	2.27877215
4.88498314	4.7752579	5.05596337	4.39125671	4.6068637	6.13813438	6.0462311

1.30809147	3.75970059	3.72569621	3.43814336	3.77619182	3.10829483	2.00373889
4.366914	1.00E-04	0.87423375	1.00546112	0.37717457	1.00E-04	1.75591119
1.75396052	0.74506998	2.71449233	1.71908716	2.42672457	2.247751	1.34083346
0.23374008	1.00E-04	1.00E-04	1.00E-04	0.2377438	0.74564767	1.00E-04
1.00E-04	1.00E-04	0.95431188	0.2197229	0.4378503	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09550581	1.00E-04	1.00E-04
4.52979381	2.77285557	3.43514679	3.7403992	3.68662976	4.42771141	4.44399875
4.56161293	4.07221384	4.54045777	3.84506381	3.90222501	3.85215576	3.42861708
0.22450226	1.00E-04	0.21724859	0.09261958	1.00E-04	1.36211493	1.00E-04
0.72235019	0.74506998	1.3731541	1.82226162	0.80162533	0.79958263	1.00E-04
3.80955979	5.74915501	6.57229418	5.87357316	5.87588541	4.89234082	4.99296847
5.2794179	3.64304132	4.44790246	4.0505085	4.05116076	5.53547858	5.30780999
0.32070646	0.71640521	1.51612198	0.83332163	1.09598411	1.22399854	1.00E-04
2.64311975	3.84419126	4.54122162	3.89752583	4.12262326	1.82481221	1.68014917
2.80217146	2.40364817	3.6070932	3.43431075	2.94002198	2.38779504	2.98145443
0.27891349	1.00E-04	0.78950015	0.65856159	0.48396495	1.7885998	1.37634653
1.48218751	3.46795072	3.09331481	2.87512364	3.0218726	1.00E-04	2.74741589
2.84933653	1.00E-04	0.56228959	1.3083503	0.33354599	1.00E-04	1.00E-04
1.04896929	1.00E-04	0.87613871	0.68961576	0.26286975	1.00E-04	1.00E-04
3.04971501	0.7902481	2.34324802	2.12287803	2.69567787	2.84698991	1.42109676
2.09613535	1.10823044	1.72346771	1.390734	1.45965626	2.08226505	1.00E-04
2.41845274	4.17280424	4.75318505	3.71246353	3.61015778	1.00E-04	1.00E-04
2.4440202	1.3106013	2.90167866	2.7361941	1.91516426	2.43755496	2.55137211
3.43002752	0.68407235	2.97506686	2.61521437	2.57724638	4.4138402	4.13734107
2.09510534	2.00849351	1.97506199	1.45841804	1.67454577	2.00030161	1.68781651
1.27847251	2.63436019	3.6945515	3.76066295	3.46280383	0.94371668	1.58735521
2.39633723	2.16417916	3.60201812	3.70662789	3.53707789	1.84448466	2.12161059
3.62899782	3.71096374	3.76414144	4.06399907	4.22818108	3.01541707	2.97232262
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.72090464	1.00E-04	1.00E-04	1.00E-04	0.62567961	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10372768	0.08557886	0.21815539	1.00E-04	1.00E-04
1.00E-04	1.28232395	2.28356653	2.45354548	2.57845627	1.00E-04	1.00E-04
3.61188222	0.69779233	1.96764419	1.74644825	1.55633441	2.44199041	2.66101118
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.48560744	2.65137645	4.19792635	3.86083266	4.02238921	4.87631652	4.87054548
4.12655029	2.20115911	3.43850328	2.72767113	3.09954761	4.60641038	4.90579684
1.00E-04	0.8358776	1.50218555	0.42526823	0.74768262	2.5890557	1.00E-04
0.56116216	1.00E-04	0.07670308	1.00E-04	1.00E-04	0.78141142	1.00E-04
1.14068815	1.00E-04	0.34922312	1.00E-04	1.00E-04	1.00E-04	1.19626579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54426777	2.60147128	2.85583288	1.82801516	1.9192661	1.00E-04	1.87343839
1.19031766	1.00E-04	1.00E-04	1.00E-04	0.15653713	1.10522239	1.00E-04

0.17124941	1.37265105	0.94429778	1.20480189	0.44201707	0.84473467	1.20679676
5.9538074	4.90219511	5.39255891	4.93007769	5.2493511	6.34684991	6.49756826
3.10043047	1.17896398	2.73895935	2.77816119	3.42046502	1.30145416	2.29113217
2.40649731	3.43265395	4.25161754	4.40254249	4.01578023	1.61211528	1.54099643
2.66340989	1.92300831	2.64905188	2.69618734	2.03515869	1.00E-04	1.64610045
4.10103478	4.16282962	4.11607179	4.59402532	4.53826831	4.06155972	4.0179516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66992014	1.21640771	1.07772316	0.89555476	0.98180028	1.00E-04	1.00E-04
0.10286354	1.00E-04	0.06844824	1.00E-04	0.17301519	1.00E-04	1.00E-04
0.5031105	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.23689606	0.77692069	0.72971327	0.7528358	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37139186	1.00E-04	1.00E-04	1.00E-04
1.76709635	4.53651258	5.49956891	5.95545278	6.08304396	1.00E-04	1.57758882
0.06336707	4.38356459	5.4285856	4.7620739	4.70686646	2.2874504	2.47985999
2.60417381	1.00E-04	0.81662663	0.65157666	0.92039804	2.31013985	1.75625582
2.82099951	1.28232395	2.79657384	2.15575319	2.95654165	2.79806471	3.41395165
1.00E-04	1.87101639	1.42315025	1.26786179	1.56852426	1.60007999	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16411766	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7902481	2.15220502	2.2369134	1.9185947	1.00E-04	1.00E-04
0.86376357	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.64001363	1.48223447
1.54052429	3.15251556	2.83493828	1.91149061	2.12206713	3.10112162	2.16691927
1.00E-04	1.5861522	2.08933824	1.46988489	2.5938528	1.00E-04	1.00E-04
2.02844179	0.8339972	1.73381853	1.96205873	1.96145404	1.00E-04	1.00E-04
0.40769986	1.00E-04	0.40099738	1.00E-04	0.23302289	1.24135441	1.00E-04
3.62925316	1.80044115	3.0901243	3.3486805	3.51491445	3.31494706	3.1901741
5.14507734	3.56523319	4.75752427	4.1732041	4.47214	5.4366226	5.49273567
3.19617687	3.18693258	3.08625215	2.52589967	2.81116814	3.86647166	3.40763549
2.54270923	1.5106416	2.71531626	2.38351945	2.42019327	1.93099095	3.51375935
2.26480295	1.00E-04	2.17500699	1.96393726	2.29136541	0.81859263	1.18573104
2.96958162	1.16728446	3.09531118	3.5060703	3.96003969	2.66809737	1.64752094
3.91680711	3.22696356	3.9404878	3.8176907	4.05292645	2.78296754	3.51038966
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87736218	1.25509001	2.6609718	3.14201896	3.1118951	2.79090166	1.94115802
0.94488611	1.00E-04	1.018842	0.42099833	0.65987685	1.88438424	0.97863975
3.70532746	3.57414131	3.90352058	3.69399872	3.35011866	3.39809128	3.97649157
2.31110296	3.29224228	3.23582113	3.66405972	3.30629714	1.00E-04	2.11066869
3.31907139	1.22609225	3.05505465	2.41483309	2.55492809	4.14029522	3.366443
3.17111154	3.60291057	3.4680781	3.81472939	3.85618826	1.53988655	1.13658288
5.23874527	4.19338916	4.59123225	4.30050826	4.26575607	5.02348748	5.17331739
1.54311527	1.60800337	1.82334491	2.50870879	2.71252972	2.26720934	0.46517855
1.99583534	1.54462483	1.67748167	2.52743918	2.7418005	0.83083207	1.61030155
2.44102374	4.4780194	5.05978892	5.20847733	5.22651085	2.1763323	3.82767251
0.17228109	1.00E-04	1.11763026	0.98146981	0.7323339	1.39046758	1.00E-04

2.50813271	1.76986277	2.31763636	2.27098928	1.66703874	2.27762773	1.91530465
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.44878367	1.00E-04	2.4420318	1.94436689	2.01766989	2.10745567	3.76109309
2.68707487	0.92068596	2.96829783	2.86352107	2.97162116	2.70034685	2.73604014
0.65975685	0.74506998	3.07381345	2.97384444	2.91329981	1.00E-04	0.99227054
0.34948596	1.5085325	2.3854868	2.46264551	2.31356426	1.00E-04	1.00E-04
0.69509951	0.7902481	2.19305076	0.59093258	1.62782741	1.00E-04	1.00E-04
4.30633748	4.23573184	3.72478366	3.55271795	3.75972358	4.81994179	4.60318883
0.48008493	3.91352464	4.87405774	4.25268577	4.48800275	1.12755498	1.00E-04
3.80260728	3.03321227	4.15120288	3.52519784	3.66994608	3.48529891	3.35671082
2.74823691	1.00E-04	1.33762805	1.42290676	1.32939543	1.9437488	2.62487975
2.65297944	3.79964355	3.81493073	3.61543792	3.51000374	0.46029024	1.6912977
0.99509417	1.00E-04	0.25959194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46171579	1.28472534	2.93562879	2.97680877	3.79711353	1.00E-04	1.00E-04
3.150503	2.97660521	3.89515376	3.87603617	3.77831072	3.01807969	1.69001565
1.33498175	1.00E-04	1.53997586	1.04921913	0.99999107	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.52424508	1.00E-04	2.49639467	2.68082836	2.59227197	3.53296996	3.81815614
0.16404672	0.71640521	1.9515263	2.11218217	1.53398152	1.39046758	1.33532666
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.25306101	2.2210439	3.10429513	3.50307368	3.47384944	1.7407575	2.47003795
2.74869186	0.74506998	2.36943556	2.72335029	2.41531083	1.61425534	1.38099135
0.91284268	4.25870197	4.21375825	4.73878962	4.53226401	1.00E-04	1.00E-04
4.99421274	3.89182418	3.56894601	3.31869567	3.33497955	3.57693563	3.79201673
0.65121979	2.90579001	3.23732086	3.5189306	3.426272	1.00E-04	1.26389675
2.37187739	1.00E-04	0.49526387	0.84752237	0.87903977	1.65533848	1.43168185
3.13089789	1.58872355	2.42184454	2.99704132	2.71360261	3.59378642	2.5432363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57285142	1.56350948	2.40617569	2.98042467	2.91963055	1.00E-04	1.00E-04
3.86433372	4.10943964	3.1415704	3.4100077	2.77471579	2.71760214	3.99818637
4.79919452	2.88270455	3.67302969	3.56979361	4.14737619	4.63708853	4.80267061
3.48589165	0.87612072	2.46111088	3.19158516	3.31611809	2.67163608	2.25293586
0.82409275	1.00E-04	2.36432716	1.89945451	2.73481181	1.00E-04	0.40038755
2.59036683	0.96847026	1.91261625	1.59912002	2.85631347	1.60427711	2.06008962
4.8615549	3.98292081	4.3426662	3.7595277	3.71665324	4.62175874	4.42186613
3.15582989	0.87456952	2.3445356	2.70601149	2.51712172	2.64948939	2.21042667
1.29079492	0.72877389	0.70263966	0.50372659	0.31331184	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07227876	0.21201555	0.12233227	1.00E-04	1.00E-04
0.1309597	1.80014374	1.67866849	1.5373111	0.46371069	1.00E-04	1.00E-04
0.21280737	1.00E-04	0.95762824	0.54245139	0.49013582	1.00E-04	1.59263272
0.06765176	0.87612072	0.07227876	1.34089348	1.06964272	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18907064	0.33884307	0.09814195	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10712804	1.00E-04	1.00E-04	1.00E-04
1.06543043	1.00E-04	0.56705894	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.65357154	3.13627804	4.10669208	4.07034265	3.83078605	3.42578749	3.22703532
4.23786774	3.09315442	3.14114675	3.04553099	2.89041309	3.89734952	3.53384839
2.80000233	3.32595191	0.54906452	1.23844481	1.44865355	2.87657323	3.33875518
1.00E-04	1.00E-04	0.4068676	0.33752692	0.31670577	1.00E-04	0.35134699
4.71508286	3.43510573	4.05988431	3.75356749	3.67803198	1.00E-04	1.1474645
1.00E-04	3.79423275	5.21963503	5.33540315	5.39914994	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.82374368	2.36876887	2.35008676	1.00E-04	1.00E-04
0.10913195	0.68407235	0.08093755	0.23105057	0.48524354	1.00E-04	0.35134699
2.39927982	2.91856331	0.88224342	1.55734262	1.22736619	2.12879833	2.50761705
0.50791329	1.58204844	3.25199335	2.77460191	2.77362634	1.00E-04	1.00E-04
0.67832335	0.8358776	1.12446557	0.63469025	0.29584265	1.00E-04	1.00E-04
0.49347456	1.54462483	2.37113097	1.29183852	0.95841142	1.0281643	1.00E-04
1.6405081	1.63245595	3.30202487	3.46874092	2.93094348	0.72869785	1.05809788
3.51051407	1.41424444	2.53643843	3.72321096	3.86984643	2.57609219	3.06856128
2.99794824	0.8339972	1.5973093	2.16406416	2.26741511	1.93242737	1.61791035
3.09440373	3.08748413	3.10102127	3.31879127	3.08308911	2.22511827	1.2636157
4.24263266	2.4885436	3.62807271	3.46847227	3.59488139	4.16361176	4.57278608
2.74334495	2.41444739	2.96430893	3.10955704	3.08410746	1.80962442	2.26937382
1.36191395	4.43564474	5.20279242	5.4464254	5.45383542	1.00E-04	2.25889364
2.96606746	3.63859146	2.74600192	3.37740557	2.58772024	2.3863531	2.17081757
3.32952753	1.00E-04	2.68203978	2.16703603	2.80017201	2.93012161	3.51934364
2.56893498	1.44364349	1.87877318	2.44377865	2.68347184	1.61688811	2.73148893
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46796757	1.00E-04	1.66266628	2.62289154	3.48770324	2.04150955	0.84167817
2.4236463	2.11052555	2.87625881	2.47402684	2.19209638	1.81161847	2.23809341
3.60503615	2.70112927	3.07288664	2.96848621	2.57296707	3.75105791	2.73153733
2.05291873	1.00E-04	0.31300554	0.13755895	0.15169238	1.00E-04	1.31133459
4.70580612	3.90648356	4.61071247	4.09526277	4.35605627	4.91230647	4.70223426
1.25614788	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.00E-04	1.00E-04
2.94273029	1.00E-04	2.09363633	2.27784553	2.19849723	2.0034453	1.59987248
2.63615116	1.00E-04	2.56996846	2.60011376	2.79925003	0.62567961	1.69825594
1.94016471	1.00E-04	1.03505956	1.94208519	0.68682257	2.43983765	2.35887166
3.50410195	3.11828422	3.21231712	2.3721266	3.46123436	3.67362338	4.19098201
3.66973222	1.33968741	2.60749804	1.97625508	2.30485039	3.22677487	3.13051735
4.30722699	3.04099104	3.33056083	2.97457576	2.84653947	4.23041043	4.2320344
0.90273757	5.02470388	5.69403231	5.12174541	5.23411788	1.39885208	2.08626316
0.18529938	1.00E-04	1.09101615	0.27236558	0.80657791	0.79838122	1.44749268
4.46735238	3.41042563	4.11468686	3.36300167	3.61253093	5.26230724	4.95139782
1.8708517	3.61544366	4.07994578	3.63533753	3.43941893	4.57610847	4.95893486

2.5799362	5.52422452	6.21147636	5.47515703	5.49643879	3.04486673	3.32736983
4.12600988	2.91334084	4.45574312	3.97021064	3.95587024	3.63574442	4.02977473
5.20067426	5.0303984	5.68527126	5.09003256	5.09903583	5.74464107	5.3588932
2.87766884	1.00E-04	2.26201247	2.42941846	2.23533116	1.18371736	1.60058982
3.31646286	1.19749663	3.05911276	2.93116319	2.50181766	3.33156396	4.02788457
3.62718911	3.00818208	2.35929266	2.105855	2.2946332	3.59818642	4.19599286
1.00E-04	1.00E-04	1.00E-04	0.20087292	1.00E-04	0.83873894	1.88038732
2.50998712	1.00E-04	2.25720493	2.10182733	1.91125846	1.50111924	0.316869
2.61475524	2.07542485	2.11483003	3.04233318	2.51073212	2.41698963	2.69220852
3.54465911	0.79637057	2.6759236	2.60530907	2.14877873	3.19545591	3.34637248
3.37050877	1.00E-04	3.07735413	2.94684101	3.04349521	2.91366102	4.14488704
1.6369833	1.00E-04	0.56916907	1.66595377	0.70258581	1.00E-04	0.61083056
1.32686409	3.04511927	2.05049927	2.33072916	1.92685705	1.74722172	0.40038755
1.00E-04	3.88620874	4.20126119	3.49003679	3.58240129	1.00E-04	1.00E-04
0.62371395	1.00E-04	0.3702821	0.55427382	1.89707135	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.47141427	0.2360358	0.25704868	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37133776	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
7.17815641	4.12381116	5.59828703	6.47832225	6.30062839	5.42079401	5.60302033
0.77976579	1.00E-04	0.67284003	0.73565718	0.77383157	1.00E-04	1.00E-04
3.53220318	3.00616269	4.03088996	4.05228616	4.36568084	3.59097573	2.5876418
2.26526374	2.40960352	3.21345727	2.70707549	2.74201914	1.16464358	2.48780176
3.5225547	3.42092745	4.08382586	4.32688496	4.5539675	2.88985994	3.15316185
4.10352599	1.00E-04	3.00550987	3.92180462	3.40162449	3.65650363	2.72449005
1.00E-04	0.87612072	1.31440306	0.88836703	1.07114288	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.5979917	1.35667045	1.21746451	1.00E-04	1.00E-04
2.23522989	1.49468642	2.41131097	2.84192321	2.77437145	1.00E-04	0.54053641
0.27832382	1.00E-04	0.58162746	0.89992412	1.48602867	1.00E-04	1.00E-04
0.30865824	1.00E-04	0.30833537	0.13315922	1.00E-04	1.48554045	1.00E-04
0.06336707	1.93947587	2.23920507	2.59355388	2.58862098	1.00E-04	0.316869
0.6469664	1.00E-04	0.07348386	0.11090815	0.19089153	1.00E-04	0.72495184
0.24276071	1.00E-04	0.07593463	0.15248859	1.00E-04	1.00E-04	1.00E-04
0.64792987	3.60559604	1.99239663	1.63305908	1.41569096	1.00E-04	1.18035161
0.57612084	3.88508789	3.74716886	4.11298624	4.5369515	1.00E-04	1.00E-04
3.56426266	1.8205188	3.19419795	3.08488741	3.13887028	3.20814665	3.5613788
3.7365626	3.76705993	3.83304764	3.47877009	3.55830232	4.33210228	3.55801108
1.36218651	1.13651828	1.96038997	1.79077377	1.04595918	0.96274275	1.37290236
2.81536879	5.28238026	5.96267896	5.19070508	5.35928073	2.83891354	2.28490797
2.90777174	0.74506998	3.22870526	2.95900439	2.8854105	2.24054053	2.41452507
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46416645	0.69779233	1.01493071	0.90629496	1.3728752	1.16790733	1.00E-04
0.64074961	1.00E-04	1.40754935	2.24024481	1.35547229	1.00E-04	1.00E-04

6.02524427	4.78815999	5.49118898	5.04825005	5.05511201	6.18465682	6.16112822
2.86563234	2.3461637	3.16596406	2.74835368	2.41682261	2.42348374	3.35004446
2.02655737	1.28620973	2.40867025	2.09661846	1.98080489	1.44435479	1.54028386
3.24666206	5.08219724	5.63735091	4.99033668	5.04311699	2.55903803	2.79593984
5.53286	4.62537866	5.25128641	4.8311487	4.94733661	5.4510646	5.61751855
1.00E-04	3.09446187	3.76505593	3.62335563	3.1283635	0.62567961	1.40624424
0.77331205	1.00E-04	0.32738951	0.25592023	0.25762237	1.00E-04	1.01864576
3.65002539	2.27521619	3.21155942	2.9712011	3.46665007	3.22647767	3.78960785
3.87499795	1.43321062	2.89654847	2.47722233	2.78654917	4.59009353	4.71425841
4.08151568	2.30394354	3.96261617	3.68778189	3.73749816	4.3643263	3.97797904
2.48166831	1.50095349	2.31390771	2.14210143	1.76688852	1.70241419	1.90177304
0.38564485	1.00E-04	1.97727288	2.17881045	2.18821914	0.94543129	1.84421881
1.70958135	0.8358776	2.01050044	1.58205858	1.10381941	1.18075338	1.02695373
3.1183947	2.34824858	2.98757328	2.57466263	2.81235044	1.81197677	2.30407819
5.59183294	4.01914143	5.13924209	4.82592437	4.93262764	5.84521868	5.69950311
1.03965435	3.69283655	4.5405345	4.29717863	4.56144515	1.00E-04	0.7179807
0.45225933	3.26342849	3.8027666	4.19650253	4.02142962	1.00E-04	1.00E-04
2.71328742	1.95264496	2.88804498	2.14036037	2.25128686	2.16217823	2.18930631
1.00E-04	1.00E-04	0.25146614	0.23133187	1.01116333	1.00E-04	1.00E-04
4.18838685	2.02383907	3.2229435	3.2752518	3.55848995	3.56848301	3.75673542
3.45726489	1.54550408	2.75053223	3.05720456	2.50701657	3.76637015	3.45126575
0.73331069	1.00E-04	0.9008105	0.42051405	0.77454727	1.00E-04	1.00E-04
3.56761774	3.20688296	2.70924969	2.2758567	3.02702476	3.55830375	3.98091392
1.45549208	1.2101235	2.02659212	2.54882273	2.8472157	1.81680239	1.32208337
4.12338527	3.34246345	3.87526973	3.93016484	3.52096978	3.86163912	4.31680808
2.86528989	2.09391843	3.00028345	3.03876578	2.45284808	3.7498995	3.09478418
2.24416777	3.16743765	2.02976514	2.7544917	2.64430555	2.60005308	2.7868597
3.91529657	3.63127559	3.32670352	3.42590389	3.24982545	3.53670643	3.33087533
2.32393486	1.00E-04	1.98226121	1.57085496	0.8330441	2.26288	2.36299896
4.64513841	2.42865002	3.40551405	3.29584867	2.7140548	5.04114594	4.89050662
5.23913227	4.78222147	5.20899109	4.74323857	4.79242185	5.96858023	5.97528452
2.56606056	3.9922807	4.91890713	4.34577799	4.52658761	2.61413703	2.42712399
3.89346995	1.9531392	3.5326542	3.21874236	3.3074478	3.33197271	3.73530435
0.62437311	1.00E-04	1.83072768	1.15820743	0.91188099	1.00E-04	2.0859299
2.74693363	1.00E-04	2.84819081	2.07455361	2.60314847	1.87840173	1.10147032
0.79346481	1.00E-04	0.28117969	0.60163185	1.00E-04	0.86319656	0.81245127
1.44353141	0.87456952	0.08590433	1.00E-04	0.13098198	1.00E-04	0.72495184
4.21130201	2.73828436	3.95312907	3.4999992	3.74295216	4.24409319	4.52017771
1.00E-04	0.8358776	1.00E-04	0.27375261	0.51552947	1.00E-04	1.00E-04
1.56661648	1.00E-04	1.00899824	1.82001884	1.65770306	1.00E-04	1.00E-04
2.61637583	0.7902481	2.30303505	2.3776717	1.91579264	1.49702195	1.78296973
3.23326297	0.8358776	2.01505683	2.06377851	2.32718126	2.5310121	2.57361147
1.20648472	1.00E-04	0.37686329	0.39131304	0.15509212	1.00E-04	1.99174617

1.75095674	1.00E-04	0.39269111	0.7227081	0.5153317	0.94543129	1.00E-04
2.27505118	1.00E-04	2.72159846	1.29911757	2.06615653	2.96725095	2.4681623
2.55913153	1.52102673	2.3586781	3.03448518	3.19938221	1.00E-04	2.8260818
3.89855932	2.03795569	3.54674838	3.60990207	3.37544018	4.26846988	3.78997005
3.64635589	1.98988145	2.90538499	2.90164854	2.950819	3.17801769	4.04092894
4.05216914	2.21787445	3.89779004	3.93453478	4.15701818	3.98814849	4.0781812
5.45487497	3.97507806	4.95039132	4.52229541	4.51029329	5.13382261	5.43570154
1.0179392	1.00E-04	0.35982638	0.54044055	0.14566556	1.00E-04	1.00E-04
3.61315292	3.06756552	3.30826387	3.22435818	3.75573346	3.97319697	3.81893696
4.51440802	3.92688082	3.91090784	3.52280595	3.7013692	4.93094703	4.75882843
3.21573514	1.58960804	3.07432738	3.34639405	3.01396911	1.80180988	2.48059113
5.57646144	5.38494365	5.48950564	4.96012482	5.2213873	5.76500574	6.34071773
3.87679797	2.50417825	3.46739289	3.03512642	2.95083048	4.44018778	4.64265684
1.55801817	1.76776032	3.76988419	3.90036646	3.64705987	1.00E-04	1.00E-04
0.26591427	1.00E-04	1.10407349	2.50457214	2.76932653	1.00E-04	1.00E-04
2.36563188	1.14583798	2.01834426	2.5085033	3.63033585	2.09819771	1.46824424
1.25986558	1.00E-04	0.13203664	1.00E-04	0.41382201	1.00E-04	0.72495184
5.50252365	5.2051227	5.45832651	6.26732887	6.22498858	4.57318594	4.68998943
3.95966539	1.00E-04	0.12810717	0.64300971	0.43371691	1.00E-04	1.00E-04
2.95707158	0.68407235	1.9777797	2.00935782	1.85088944	2.90032474	2.85589629
1.55440215	1.48675905	2.06857759	2.64287609	3.11090214	1.45167816	2.0532561
3.04928502	3.55505669	3.2517808	3.89831823	4.25557545	0.9513318	2.35670282
1.23630699	1.2795411	1.96269863	1.53539199	1.35333202	1.00E-04	1.00E-04
3.49821818	1.2795411	2.95185448	3.33967411	3.73514377	1.00E-04	2.88879508
2.81340041	2.95130503	2.46499836	3.15297451	3.28799262	1.00E-04	2.53041357
2.21320536	1.2795411	2.23175951	0.81224078	1.00239034	1.00E-04	1.00E-04
4.3513479	2.22206698	3.00245343	3.9129084	3.80612889	1.00E-04	0.41275046
3.63092887	0.87612072	1.70602038	1.72378444	1.74555006	3.10898195	3.28793843
4.51589852	4.50954482	4.44013086	4.29334508	4.16979189	4.66646691	4.57331403
2.70402869	1.00E-04	1.23705391	1.37303733	1.41744902	3.27395012	3.16491757
7.19980495	4.65533817	5.28328427	4.56950618	4.53467769	5.80115099	6.21393915
5.39371993	1.00E-04	1.86164627	2.15123472	2.70701851	2.98834754	2.98682247
1.00E-04	1.70288019	2.3426622	2.01233903	3.08192591	1.00E-04	1.00E-04
6.38798525	1.00E-04	0.55231523	1.00E-04	1.00E-04	1.00E-04	1.37815983
4.34418776	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.96274275	1.00E-04
3.85730685	1.00E-04	0.0691919	1.00E-04	1.00E-04	1.30530732	1.25823696
2.31111938	1.00E-04	0.19468276	1.00E-04	0.09814195	1.00E-04	1.00E-04
5.10218714	1.00E-04	0.99877733	1.03610682	1.21965649	1.00E-04	1.00E-04
1.10783405	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94371668	3.25777061
4.27400473	1.00E-04	0.36693743	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13225393	1.00E-04	1.00E-04	1.00E-04
2.2658646	2.16873376	2.69958825	2.28718423	2.36519792	2.32438847	2.45324492
1.00E-04	1.00E-04	0.12399833	1.00E-04	1.00E-04	1.00E-04	1.00E-04

4.19735642	3.22179812	3.49950681	3.7500668	3.96552904	3.99759284	3.55335274
4.52885146	2.55300585	3.9817527	4.67851318	4.25246922	3.22318647	2.927776
4.39704339	3.04161729	4.14609053	4.95646749	4.70094994	3.92260277	4.25408272
2.74011762	0.68407235	2.12443602	2.18228966	2.46943819	1.00E-04	1.94060141
1.58822417	0.87456952	0.75449271	0.64923309	1.59316204	1.42960999	2.58951728
2.06039948	1.00E-04	1.70532991	1.83339939	1.40589212	1.00E-04	2.17201004
2.38789313	1.91502343	3.10514886	3.04590089	2.8980987	2.91162095	3.96563889
0.50665069	1.00E-04	0.2728034	0.7474705	0.48524354	1.00E-04	1.00E-04
3.10961727	2.36443372	3.50264784	3.12831679	3.57944315	3.02902688	3.11026688
3.31465571	3.28887916	3.60861778	3.55137861	3.39808087	3.62282486	3.87116151
1.32989376	1.00E-04	1.5099227	0.71022736	1.65014101	1.00662024	1.00E-04
4.48053353	4.96652365	5.35167753	4.69565399	4.79023939	4.86153827	4.82015945
1.97740654	1.28246279	1.64187164	1.08147895	1.51248285	1.82072609	2.78435999
1.74749664	2.40584209	2.301202	2.36485468	2.91971057	2.45252558	1.28284387
0.27183643	2.07874172	2.73680778	2.91164559	2.50940316	1.00E-04	1.00E-04
0.37863153	1.79948944	2.35417448	1.28547207	1.77520555	1.39885208	1.00E-04
4.18429535	2.49626766	3.07224606	3.3085219	3.92774871	3.77556678	4.01457404
2.36619605	1.00E-04	1.9157087	2.56765268	2.23794028	2.47473593	2.49737907
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28575302	1.00E-04	0.1066364	0.16396449	0.14410425	1.00E-04	1.00E-04
4.13837194	3.42199512	4.14801503	4.01394047	4.26779019	3.72877927	3.99213075
1.4063556	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50347249	1.00E-04	0.19301135	0.64092685	0.85188559	0.83083207	1.00E-04
2.80857829	1.73155995	3.32685114	3.63321105	3.84888364	2.21297294	2.29074759
0.27034273	1.00E-04	0.23694819	0.13046994	0.15290548	1.00E-04	1.00E-04
3.52366057	1.2795411	2.55694698	2.3041602	2.41767626	1.00E-04	2.29361009
4.57494966	2.78865362	3.71095947	3.26218346	3.4740855	5.24293624	5.04693104
5.00623308	3.98307145	5.2095941	5.03060206	4.9864929	3.30114749	3.64411246
0.72860555	0.69779233	0.34861968	0.1913884	0.38174443	1.00E-04	2.16915096
5.17553259	2.00727486	3.26087784	2.69667052	2.93748367	3.6983506	2.74187662
0.22816858	1.00E-04	0.20414658	0.49110051	0.09814195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06301971	0.79637057	0.10928185	0.62276595	1.00E-04	1.00E-04	1.00E-04
0.9361273	4.18878205	4.99592171	4.07519179	4.02102345	1.81870208	1.43838478
0.69263038	3.19472228	5.08506216	4.11410093	3.95691493	1.00E-04	1.39686577
0.29071629	3.27708361	5.38823247	3.39635254	3.34892742	1.00E-04	2.40133748
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77780591	1.00E-04	0.60448902	0.82067077	0.72959006	1.25219171	0.316869
1.00E-04	1.00E-04	0.27279826	0.25523426	1.24587247	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14427195	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36368647	1.00E-04	0.83144346	1.00E-04	1.00E-04	1.00E-04	2.22251966
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.61713372	0.92068596	2.07730418	1.58880887	0.92468518	1.8953454	0.56264051
1.00E-04	1.00E-04	0.47913721	0.11606138	1.00E-04	1.00E-04	1.00E-04
0.62535221	1.00E-04	0.14399681	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24648987	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.95913699	0.13372292	0.14455498	1.00E-04	1.00E-04
0.35893641	1.00E-04	0.69521203	1.91901637	0.79308512	1.71061536	0.72495184
3.53895211	1.2795411	0.40162194	0.34237333	0.50836374	1.00E-04	0.72495184
3.75841566	3.4725815	4.21718134	3.98428026	4.09752598	4.23105619	3.62783209
4.22011158	3.37883199	2.82007674	3.29400417	3.04729769	4.48354318	4.27611676
0.81355372	3.3881239	4.00350675	3.28453592	3.20763231	1.00E-04	1.00E-04
0.93960833	2.31201066	2.67650642	2.13189725	2.00133702	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08280154	1.00E-04	0.21887105	1.00E-04	1.51619488
0.04764841	1.00E-04	0.34093262	0.29543611	0.21894683	0.94908439	1.00E-04
2.48114374	3.00319352	3.98528693	4.02261127	3.85572895	3.17892077	2.46677869
0.5116135	0.69779233	0.8258765	0.62640809	0.68691539	1.00E-04	1.43838478
3.90124801	3.89261001	2.75140556	3.21369773	3.50187414	3.320218	2.82245764
3.48540017	0.72877389	2.93684342	3.38918017	3.30593403	1.93122465	3.37960572
2.89100782	2.84246023	2.60561299	2.96917893	3.05158907	1.95479981	1.15885295
1.34842751	5.726812	6.34155612	5.90288437	6.04143533	1.31757904	1.79427538
1.00E-04	1.10480104	2.45285686	1.92703995	2.26790005	1.00E-04	1.00E-04
5.55241091	5.15845068	5.33460937	4.6830976	4.8349738	5.77868097	5.32281928
3.27932569	3.93458777	4.00346836	4.02153996	4.39991874	3.02083469	2.09869371
1.0898863	1.00E-04	1.92920644	1.58897944	2.08512643	1.64963601	2.6833389
1.52912603	1.00E-04	0.38466568	0.65039973	0.57531468	0.62567961	1.00E-04
1.00E-04	1.00E-04	0.26074308	0.10843982	1.00E-04	1.00E-04	1.00E-04
4.01660035	3.33535008	3.63983321	3.31931275	3.16261788	3.79625077	3.80528479
0.59222083	1.17452218	0.7563514	0.15820725	0.26827963	1.00E-04	1.00E-04
0.78155597	1.00E-04	1.00E-04	0.48844439	1.48934114	1.00E-04	1.00E-04
3.62482866	1.37956598	3.3734438	3.64619672	3.70480381	2.38541409	2.53713641
1.86196126	1.00E-04	1.77435637	1.42155384	1.38468325	1.00E-04	1.00E-04
4.05977987	4.29903536	3.89266218	3.60857515	3.91306072	4.13592556	3.72257693
1.00E-04	1.00E-04	1.31063469	0.16301349	0.82166572	1.00E-04	1.00E-04
2.02230461	0.8339972	1.20379977	2.29535593	1.28961975	1.00E-04	0.96655867
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82486735
1.32608228	4.37480334	4.91446374	4.57327217	4.35528813	1.00E-04	1.32568218
3.9273271	3.47568977	2.2207356	1.9704317	2.42387117	3.12879146	4.08795706
5.16684862	3.82395739	4.12564119	4.07091204	3.99332153	5.04791047	4.8518816
4.39946496	3.75163963	4.67387467	5.3385432	5.37695555	2.963483	3.73858359
0.66571942	1.00E-04	1.00E-04	1.00E-04	0.15653713	1.00E-04	1.00E-04
2.04743498	1.00E-04	1.74498756	1.29915667	2.02117863	1.76505156	1.00E-04
1.12581691	1.00E-04	1.64950019	1.50152774	2.07062104	0.84497321	2.26941127
1.00E-04	1.25509001	2.22899054	2.41757145	1.60172543	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40202029	1.00E-04	1.00E-04	1.74285532	0.97442344

3.30291688	1.79172557	2.119997	2.3985549	3.19567629	2.92736787	2.28088519
1.49285985	0.8339972	2.29942647	1.20118343	1.54421599	2.56599948	0.46517855
4.50332148	3.50295825	3.84391675	3.71068263	3.81277797	4.00030763	4.10236555
4.47942916	2.78634365	4.07602536	4.35854156	4.2240759	3.47067343	3.77628783
0.94419442	1.00E-04	0.77491802	1.11845994	1.66097864	1.31757904	0.316869
4.1056638	3.50875848	4.21010214	4.69692554	4.38379502	3.29838845	3.39608
4.30352677	2.71650724	3.30466091	4.06505999	3.69502088	3.54958828	3.6648082
2.71542066	2.19778123	3.4507446	3.89078972	3.51374045	2.90622394	2.81893857
5.25447439	4.54648721	5.25466272	4.82614037	4.76420511	6.56099691	6.74137227
0.2594041	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06301971	1.00E-04	0.08326693	0.13755895	0.92337491	1.00E-04	1.00E-04
3.4604316	2.27147192	3.38423135	3.71251358	3.92641992	2.93245164	2.7937471
1.45540823	1.00E-04	2.12373649	1.46636559	2.19256049	1.00E-04	0.81996147
1.78665456	1.00E-04	1.67411174	1.22285989	2.30128878	1.00E-04	0.89038937
2.33581278	1.24533636	2.42707194	1.85867105	2.29393986	2.61171547	1.00E-04
2.87035515	1.52927294	2.84147602	2.59595302	2.28053781	3.50888597	2.82199304
2.00039903	3.68679813	5.00103439	4.87880528	4.89417929	2.15973225	2.05358076
3.38114764	1.00E-04	2.56921348	3.0329445	3.050898	2.4340026	2.10138291
3.63890371	3.03361835	3.13259277	2.91245445	2.84881458	3.51705853	3.46658941
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.53201877	2.85878122	3.2281962	3.57441831	3.61229684	6.20980434	5.96775513
3.74534131	2.04332416	3.56620748	3.58107771	3.92252882	3.42568542	3.18905804
4.55211892	2.32460745	3.7778219	4.46521687	4.5592681	4.01974787	3.97940736
3.56951854	4.33196927	5.17436138	4.5970999	4.46173601	3.7804427	3.16582465
1.00E-04	0.8358776	0.56038751	0.20355684	0.48286459	1.00E-04	1.00E-04
3.72548732	3.50247482	3.81138895	3.65581337	3.80681197	3.67972456	3.42108875
1.89918932	0.87612072	1.29850697	1.83618485	1.24895133	1.5183904	2.10213666
1.45490899	0.7902481	1.81384876	0.87500383	1.37044391	1.59661034	1.71067497
1.95329408	1.80630883	2.79460493	2.98219562	2.78951072	2.1652202	1.22049963
1.00E-04	1.00E-04	1.00E-04	0.41751008	1.00E-04	1.00E-04	1.00E-04
2.30126031	1.00E-04	0.55777928	0.15379267	0.92489188	1.00E-04	1.00E-04
2.97923494	1.00E-04	0.36424196	0.71475171	0.5859569	1.00E-04	1.00E-04
2.1815167	2.27801923	1.14022351	1.35003656	2.31841738	4.17435404	4.86460471
0.30780921	1.00E-04	0.21539272	0.25549145	0.09511513	1.00E-04	1.00E-04
3.01783001	1.28232395	2.38420189	1.74983616	2.07681109	2.92151202	2.51582936
3.43401528	3.90706829	4.38458073	4.33770752	4.5436954	2.3533916	3.32268973
2.38689865	3.92208079	3.1847274	2.75217167	3.01743979	1.94134076	3.07043396
2.53364081	1.92799497	3.3634188	3.7125101	4.08920534	1.44572412	1.99375952
3.15455274	2.4911473	2.82779979	3.5731769	3.56285875	1.30199498	1.18502728
3.48552813	4.8842119	5.49856714	5.00032194	4.79475565	3.31029291	3.22706067
1.00E-04	1.00E-04	0.34257312	0.16130923	0.18101271	1.00E-04	0.94970493
4.79943917	3.81689812	3.10737818	3.24556431	3.26199112	4.86716709	4.97521642
5.36897938	5.28841629	6.13364382	5.40850191	5.44651741	3.01217301	4.43157428

4.74378621	1.00E-04	2.43688131	2.38574989	2.91317418	3.56270639	3.92934772
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1136802	2.22066753	4.67246654	4.67715868	4.44132073	1.00E-04	1.32157107
1.00E-04	1.00E-04	2.56145551	1.96814071	1.68159453	1.00E-04	1.00E-04
1.94878915	0.72877389	1.88524388	1.97106141	2.23150478	1.00E-04	2.06438711
2.68262896	1.55094623	2.62710693	2.52616061	2.29107975	1.00E-04	1.37134713
1.00E-04	1.00E-04	0.29659498	1.00E-04	0.12945	1.00E-04	1.00E-04
3.58364459	3.43262618	3.68476458	2.83392877	3.16072675	3.55460973	3.80761502
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.5097408	5.23411244	4.9078582	5.10289159	5.49308395	3.53796413	4.50410135
0.39519314	1.00E-04	1.00E-04	0.16949462	0.18609755	1.00E-04	1.00E-04
2.59768946	1.52102673	1.91759317	2.24493461	2.13184826	1.33183829	2.02670411
6.52445453	3.95773149	4.80511202	4.9141836	5.05524405	6.82544562	7.01453781
3.32781433	3.19395817	3.91728201	3.26698695	3.35438641	2.30638754	2.70490709
5.02329595	3.79074602	4.12105795	3.50112387	3.70724692	4.69994666	4.87304555
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41959961	0.87456952	1.26074952	1.56056039	2.00099649	1.00E-04	1.87580682
0.63727329	1.00E-04	0.40356648	0.86131772	1.84595058	1.00E-04	1.00E-04
5.73898013	4.24685403	4.98824579	4.58779968	4.84096415	5.9364657	5.9032536
4.75608311	5.21178884	5.90266829	5.70050162	5.84153892	5.24842643	5.69078392
1.00E-04	1.00E-04	1.00E-04	0.18334596	0.16358717	1.00E-04	1.00E-04
0.82154537	1.00E-04	0.49937748	0.28691782	0.12792029	1.00E-04	1.00E-04
0.38503982	1.00E-04	0.12463834	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.53854205	1.00E-04	0.58192422	0.25312585	0.11078928	2.1457394	1.1787663
5.54689687	4.71547343	5.42031884	4.85630536	4.96962893	6.21479739	6.41002171
2.76441963	1.2795411	3.70930426	3.5547811	3.42907982	4.15094409	3.65198677
4.1396203	1.98620002	3.17203592	3.52790312	3.92471908	3.51062618	3.53221166
2.80640976	3.31135324	2.79896632	2.52127075	2.6278532	1.75548368	2.33391269
3.84350791	3.66843035	4.27722736	3.51280118	3.85104807	4.46484441	4.98885011
0.09983193	1.00E-04	0.84071924	1.00509152	0.3591333	1.00E-04	1.00E-04
1.00E-04	0.8358776	0.89078565	0.70504287	1.7761193	1.00E-04	1.00E-04
1.24877253	1.2795411	1.00E-04	0.2664704	0.80644787	1.00E-04	1.00E-04
2.67719044	0.69779233	2.92093067	2.87725948	2.93722236	2.68633183	1.55888227
3.96690366	3.77727354	4.06989853	4.38603588	3.85518099	4.95612736	4.53233785
4.40240266	4.03787482	4.40296415	4.51794872	4.60381996	4.82766665	4.86877892
0.51080245	1.96530735	1.11021074	0.6010072	0.7131374	1.47574664	1.06903103
1.89802123	2.94766713	2.97558743	2.75198731	3.02458988	3.35587285	3.5906346
0.59906965	3.06155369	4.50994167	4.69029872	4.20293845	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.88918978	1.07243312	1.69831208	1.00E-04	1.00E-04
0.38101647	1.00E-04	0.23139003	0.1141687	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86599934	1.3348453	2.65332631	1.96004792	2.56375434	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.22710131	1.00E-04	0.15169238	0.82884172	1.00E-04
0.79551731	1.00E-04	1.00E-04	0.0897396	0.22562086	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15996567	1.00E-04	0.77201204	1.15451217	0.48299429	1.00E-04	1.00E-04
0.78908321	1.00E-04	0.08218983	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34977623	3.90544182	5.09403045	5.40328041	5.19175488	1.00E-04	1.18273852
2.84358037	2.58094743	2.53372069	2.82665279	2.34783017	2.69285671	2.58390147
5.15479903	3.72734467	4.53165472	4.04605323	4.47720864	5.35793157	5.54179525
4.12656624	1.56373048	3.44320263	2.88048004	2.96002997	4.57439881	4.12724411
4.11109429	2.83810129	4.19602973	3.3469691	3.63044937	4.55797604	4.75055348
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92068596	1.19810251	1.00E-04	1.45823066	1.24245757	2.44122536
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.58793039	2.47456653	4.38023145	4.03781557	4.43606266	4.67153285	4.68592541
6.3615672	5.52527589	5.52902395	5.43807865	5.65831323	6.89574029	6.65235718
1.00E-04	1.00E-04	0.59662877	1.03831307	1.76047841	1.00E-04	1.00E-04
6.19793794	3.80076668	4.70429432	4.3778811	4.48486283	5.35645344	5.76035643
4.5324003	3.8329671	5.03593278	4.75421241	4.81990567	5.37670507	5.33044017
1.17477569	1.31236668	1.41585722	1.19537678	1.55716305	1.7566438	0.41275046
0.66814988	0.7902481	0.2342572	1.00E-04	0.22929158	1.00E-04	1.0244242
6.68707099	5.92291649	6.61429681	6.04924097	6.0770558	6.69534637	6.48623527
2.12878399	5.84148705	6.41769147	5.58718119	5.51068842	1.52428457	2.6784947
1.07231345	1.00E-04	0.77203519	0.35596058	0.6104771	1.00E-04	1.00E-04
3.27088125	0.69779233	2.21662259	2.52881093	1.72031625	2.00360203	2.42045965
1.00E-04	1.30959702	1.71073837	2.93804544	2.28500287	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21117052	0.074384	0.1253092	1.00E-04	1.00E-04
4.63074451	1.46591335	2.72513443	2.9645937	2.88169613	3.93809399	3.52405905
1.28204873	1.00E-04	0.27982333	0.59782557	0.8859026	1.00E-04	0.41275046
2.32339937	1.28472534	2.7266354	1.96206755	1.95630588	2.97147076	2.69799347
1.65741299	0.7902481	2.31218336	1.9376367	2.23160358	1.50334777	0.7070202
1.496803	1.2795411	2.59185572	3.25984152	2.89781859	1.00E-04	1.62198842
0.74168144	1.00E-04	0.32051568	1.15921226	0.3059612	1.00E-04	1.00E-04
0.86723272	1.00E-04	0.58423482	0.64592552	1.73155332	1.00E-04	1.00E-04
3.31030239	1.67502089	3.00508084	3.9079815	3.62571282	2.6851159	2.76876396
2.24788116	1.00E-04	1.31137234	1.56091439	1.27192896	2.23602334	2.07991572
1.15731775	1.00E-04	1.60084008	1.57166706	1.43428767	1.00E-04	1.00E-04
2.12089117	1.00E-04	1.24966117	1.23510225	1.26236115	2.2056574	1.33793887
1.00E-04	1.90550118	0.72140018	0.94480535	1.05077612	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.12458951	0.73260791	1.85950217	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11678318	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.60444652	0.72877389	1.85801997	2.3577989	1.99648253	2.50130671	2.26878637
2.01034438	1.00E-04	1.67903405	1.92502242	2.68394302	1.80177592	1.53710888

3.36827297	4.42443137	5.5610829	4.97060811	4.94625371	1.00E-04	3.10624334
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.53934985	0.22251618	0.12125625	1.00E-04	1.502599
4.02687427	4.65499092	4.40287644	4.42673668	4.43800101	3.57602883	3.37665213
3.43755557	3.33385431	4.55198726	4.23643228	4.64702562	4.13973245	3.41521537
1.93230551	1.14856053	3.13468971	2.32736811	2.719299	1.40300135	1.00E-04
2.12003659	1.00E-04	1.29983555	0.83960921	0.79825373	1.80252183	2.9492728
1.23106861	1.00E-04	0.12677303	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.36817944	0.74506998	2.32295422	2.38942865	1.97487888	2.79626883	2.96561983
0.45347779	1.00E-04	0.11641406	0.48804774	0.61404877	1.00E-04	1.00E-04
0.26333985	3.96651109	4.89724143	4.13197107	4.08860298	1.00E-04	1.00E-04
2.69619864	1.54471013	1.05565053	0.40241745	1.03499072	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.52719203	0.10843982	0.21894683	1.00E-04	1.00E-04
2.69234364	2.91139885	3.85477024	3.4971518	3.68461993	2.91876783	2.30543009
1.11179146	1.00E-04	0.18220885	1.00E-04	1.00E-04	0.83083207	1.00E-04
4.62080476	2.80659634	4.09157766	3.78422009	3.7052501	4.65144544	4.42497121
2.19104579	1.00E-04	2.1607253	1.95706456	1.862346	0.88297287	2.4544832
2.80024462	4.76978531	5.15520238	4.46716435	4.57725537	3.69781457	3.12096071
5.50692682	4.6126093	5.0728969	4.39190336	4.50305172	5.50183744	5.96289249
1.00E-04	1.00E-04	0.99099955	0.22150373	0.39634224	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99836701	1.00E-04	1.00E-04	1.00E-04	0.09523547	1.00E-04	1.00E-04
0.66177282	1.00E-04	0.47420148	0.08852014	0.23677991	1.00E-04	1.00E-04
0.21845696	1.00E-04	0.12268675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35755515	1.00E-04	1.00E-04	1.00E-04	0.17232922	0.84473467	0.62168103
2.32265499	3.30984244	4.44436583	4.16597892	3.98507676	3.66717862	3.42109676
2.03558632	0.68407235	1.68417021	1.97059382	2.0452616	1.40857904	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20841221	3.48106924	3.86048574	3.49443173	3.41600101	1.51593136	1.69920627
1.00E-04	0.92068596	0.45885411	0.09290426	0.5396567	1.00E-04	1.00E-04
0.3329013	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53113376	0.68407235	1.87371658	1.94531941	1.41516312	2.41448279	1.14061365
0.77313778	1.00E-04	0.32493875	0.29742124	0.69656165	1.00E-04	1.00E-04
2.26421267	1.00E-04	0.24821226	0.55475827	2.23530775	1.12785157	1.40432744
0.79312814	1.00E-04	0.92403096	0.57609363	0.64041903	1.00E-04	1.12396442
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94750818	0.68407235	1.51904358	1.70514913	2.05420024	1.00E-04	0.46517855
7.37839742	5.81482315	6.93337068	8.08143211	7.95276003	5.07945863	5.74359653
0.42276851	1.00E-04	0.13390453	1.00E-04	0.29808972	1.00E-04	1.00E-04
7.38817763	5.85660345	7.09900769	8.15129933	7.97170961	5.44391088	6.13578696
5.00489574	4.0190063	5.27343009	4.71782169	4.7375018	5.56589003	5.28928556
2.43649846	1.00E-04	1.88698222	1.9012766	1.69538371	3.16264767	2.3628491

2.79685787	1.00E-04	2.74647007	2.27260007	2.21843926	2.68516178	2.00879657
4.7511415	3.52771255	4.24276878	4.29525187	4.30758585	4.88200819	4.93719558
3.79282291	1.46720067	3.30613993	2.99724601	3.2825208	3.67639104	4.19138193
4.22872297	3.09218039	4.1160769	4.41476576	4.62807338	2.98393503	3.30740517
3.35991493	2.03073046	2.91257757	3.76012745	3.82695299	3.11300494	3.47291558
1.76858975	0.8358776	1.36135763	1.73400586	2.54345684	1.13698109	1.00E-04
1.85363917	0.87612072	1.40351006	0.48315763	1.86902494	2.04990737	2.38392198
4.80685926	2.20579555	4.18894668	4.92888487	4.66839774	3.20865617	2.82101415
2.98744704	1.79243963	3.03975295	3.04404922	2.97479526	2.70601877	2.91244821
5.24099722	4.28150982	4.54281979	4.28320998	4.43151309	5.0056398	5.33613099
2.78143123	2.66499743	3.60641938	3.21591517	3.18758103	2.86283298	2.66285249
3.32673817	1.22771662	2.92506738	3.04866383	3.00635502	2.41069729	3.53258465
0.06301971	1.00E-04	1.21545682	0.97684635	1.14963566	1.00E-04	1.00E-04
2.1840814	1.00E-04	0.55488404	0.58266166	0.29772441	1.96135045	1.00E-04
5.53452865	4.62190254	5.21405949	4.89361233	4.69698497	5.1503299	5.65032416
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33509209	2.40766287	2.95385709	2.9917235	3.0404581	0.88323491	0.82486735
3.04080933	0.96847026	1.87592695	2.24745142	1.64329515	2.21383014	2.52395099
4.68157451	4.54596168	4.92397512	4.84330124	4.75906267	4.62826844	4.89768797
2.63819926	1.19051366	2.63733387	2.24487022	2.63204686	2.55787665	2.51652859
0.30335858	1.00E-04	0.19662906	0.26881641	1.00E-04	1.67050829	1.00E-04
1.50648402	4.17040376	5.23679014	5.85109315	5.69082674	1.51042251	0.99227054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11946472	1.00E-04	1.00E-04
4.65373117	2.11200022	3.31361367	3.99686645	3.7370887	4.68959984	4.54974057
1.72858446	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.25098411	2.59964154	2.98419287	3.1514932	3.44407672	5.8750852	5.77821003
0.52821458	4.47615546	4.84297801	4.43201227	4.27343372	1.00E-04	1.00E-04
3.37394373	1.84398346	3.60742983	3.22096336	3.13335291	4.24785105	4.28915583
3.95431641	2.4613991	3.23481144	2.75943321	3.21694412	6.37223517	6.57737159
4.04905573	3.67575666	4.27551976	4.35390868	4.17740177	4.28378089	3.88299679
2.83129111	0.68407235	2.48318463	2.03593715	2.29109494	1.00E-04	1.00E-04
2.02930568	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16819726	2.50962463	2.85098682	2.54800916	2.59551611	1.00E-04	1.00E-04
0.55989874	1.2795411	0.52074541	0.44415795	0.56882986	1.00E-04	1.00E-04
0.6576384	0.87612072	1.4572657	2.09799307	1.76397188	1.00E-04	1.00E-04
1.60791028	3.81074004	4.63429722	4.50934891	4.60267798	1.00E-04	1.00E-04
0.77864776	0.79637057	0.81125035	1.33917401	0.92984146	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.93471841	1.44470481	1.69715897	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51255367	1.21891	2.6691824	2.17749607	2.47584	1.91461589	2.53929375
2.75682502	3.07781427	3.3643289	5.18379486	4.5016246	1.81794042	1.98515309
3.97396735	3.35532969	3.48297579	3.04130705	3.12713509	3.41665644	4.19538472
5.22254798	4.26864722	4.94589453	4.87163021	4.66335461	5.00499124	5.39387874

4.71651302	4.4309719	5.1174326	5.00505564	5.09359032	5.37361531	5.33682431
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71305288	0.74506998	2.05282731	2.00884714	2.31384209	1.63825757	1.37473741
2.61713413	0.79637057	2.42282712	2.86955196	2.91907755	1.00E-04	1.24379068
2.65570527	1.37265105	2.45459003	3.0067808	3.49381832	2.09669141	2.18942278
3.86419409	3.70992914	4.47662605	3.89042289	3.93472782	2.46207824	2.47146394
5.44685573	3.72253983	4.90472247	4.60988178	4.87027539	4.77868803	5.03446299
2.83901283	1.82293172	2.39767165	2.38245076	2.55522597	4.31026988	4.83257252
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.40798245	3.90232026	5.04994586	5.94645652	5.80449047	3.04865231	3.76062106
1.80877503	3.2083589	2.95608548	3.20418114	2.9918746	3.20211237	2.79002148
4.8515821	2.27978556	4.49333258	5.20984058	5.10753308	3.31112341	3.34902885
0.70255715	1.00E-04	0.13478924	1.00E-04	0.28044415	1.00E-04	1.65374659
0.06759249	1.00E-04	0.35374944	0.328867	0.43617208	0.62567961	1.00E-04
3.98897073	2.42713426	3.43742963	3.16220582	3.54420203	3.78712628	3.96211009
4.3421146	1.8721158	3.95617259	3.33425339	3.73783151	4.7007591	5.12136824
3.0977025	1.97306568	3.47052857	2.79128039	3.37088051	3.36614606	3.6655861
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43435811	1.00E-04	0.12619197	1.00E-04	1.00E-04	1.03647332	1.00E-04
0.89570734	1.00E-04	0.3897882	1.00E-04	1.00E-04	1.06582712	1.63892047
1.09365778	0.74506998	1.83480364	1.7342528	1.6008969	1.00E-04	1.09929142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.77221714	1.2795411	1.4305328	0.44361495	2.4810823	1.66737912	1.98780936
0.0766569	1.00E-04	0.10334576	0.07577735	0.33814963	0.93702359	1.53415599
0.49629707	1.00E-04	0.17660189	1.00E-04	0.09863458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.56884981	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22669678	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0575112	0.0822006	1.00E-04	1.00E-04	1.00E-04
2.94952878	4.72821779	5.62770709	4.75535649	4.81551634	2.58164644	1.65394514
0.8114188	1.28352536	2.91349962	2.27609302	2.73313042	1.00E-04	1.32568218
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08093755	0.09393249	1.00E-04	1.00E-04	1.00E-04
0.20399708	1.00E-04	1.00E-04	1.00E-04	0.29808972	1.00E-04	1.00E-04
0.25173536	1.00E-04	0.42717447	1.00E-04	0.57381314	1.00E-04	1.00E-04
2.53352815	1.00E-04	2.41652304	2.51684662	2.93919071	1.19160451	1.47908902
3.1773602	2.88029114	3.25470206	3.02246156	3.45470775	3.12979421	3.38080335
0.92543648	1.23400418	1.39150122	1.37894887	1.3958956	1.00760463	1.00E-04
3.82160977	1.50546492	3.83261553	4.51569058	4.23919594	1.34166559	3.01508128
0.4576517	1.00E-04	1.00E-04	0.08710603	0.13957128	1.00E-04	1.00E-04
4.39276487	3.52712945	4.23251854	3.59600458	3.73953012	5.07767193	5.115721
0.33090006	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82784996

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.38406468	0.90538408	0.81019008	1.00E-04	1.00E-04
0.18529938	1.00E-04	1.00E-04	0.27615182	0.25313161	1.00E-04	1.00E-04
3.52766965	1.33386508	3.25102605	3.09977894	3.21847261	4.33405272	4.08957764
1.90149371	0.79637057	2.65618231	1.8234856	2.5485319	1.94672543	2.77481995
2.44617752	0.72877389	1.90044686	2.31430061	1.93584678	1.86201955	1.9757615
4.10374088	3.86275208	4.79969136	4.24116272	4.23526978	4.54327451	4.5179522
4.28344389	3.91361519	4.83887393	5.02088343	4.91720426	4.31676023	5.04761571
3.65063764	3.4722921	4.35613177	4.01558933	4.1413158	2.19743752	2.28025656
4.45127572	4.12661817	4.30399852	4.64567861	4.75025227	4.15906738	4.15375502
4.78334568	2.85521708	3.69914539	3.22944502	3.58784223	3.96920071	4.02751926
3.94603386	2.52190349	4.01808621	3.45540286	3.56935784	3.98768308	4.21653722
3.33081403	1.63981897	3.33136504	3.48301809	4.05968912	2.45610161	0.56264051
0.21845696	1.00E-04	0.18730707	0.42781474	0.93658398	1.00E-04	1.00E-04
0.12295691	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42957603	1.00E-04	0.57071612	0.38003271	0.13631278	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28743095	0.10561401	0.1476729	1.06582712	1.00E-04
1.45704571	1.00E-04	0.9966545	0.67023653	1.12479474	1.00E-04	1.17910617
1.00E-04	1.00E-04	0.10137643	0.23434425	0.30030857	1.00E-04	1.00E-04
4.42308286	3.49889755	4.35839976	3.97559027	4.11826889	4.67729442	4.68011769
2.4565197	3.75253209	4.48979708	4.4556482	4.42744234	4.33777026	4.18507642
2.86680535	3.39329126	4.00497384	3.90301308	3.55964076	2.81937799	2.67538794
1.00E-04	3.34497264	3.10432012	2.78648843	3.61877834	1.00E-04	1.00E-04
3.54961853	2.2579205	3.38038012	3.06906991	3.07960524	3.19067838	2.94821302
4.80560208	3.92271166	4.5145906	4.23454717	4.39471021	4.93304095	5.07511917
0.4709722	1.2101235	0.7975909	0.5631391	0.28154102	1.00E-04	1.00E-04
1.9130033	0.71640521	1.05651336	0.33338322	0.45019043	3.35656929	1.10337756
1.00E-04	1.00E-04	1.00E-04	0.23961825	1.00E-04	1.00E-04	1.00E-04
1.20493892	0.79637057	0.63828454	0.08823908	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1243805	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99776706	1.00E-04	0.40120193	1.00E-04	0.38395247	0.96274275	1.00E-04
0.40258195	1.00E-04	0.14101798	0.74955062	1.72675498	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54482344	1.00E-04	0.38071349	1.49528944	1.11483443	2.01601974	3.02805202
2.17426545	1.00E-04	1.93893938	1.95384069	1.72809958	0.78141142	2.02418502
3.23978704	3.13446278	3.70245972	3.00957653	2.83553297	4.3117964	4.051604
3.74628126	2.25635568	3.81692943	3.45692235	3.97694715	3.35184318	3.77273664
4.26104805	2.04364362	3.79994717	3.16647115	3.44068118	2.97559411	3.71929376
0.46744374	1.00E-04	0.4522005	0.19682115	0.21894683	1.00E-04	1.00E-04
5.083858	4.97143991	4.7783485	5.41758837	5.42188652	3.55091451	4.0638581
0.33927736	1.00E-04	0.15402216	0.20804709	1.00E-04	1.00E-04	1.33164339
4.3794993	1.00E-04	1.00E-04	0.31791788	1.00E-04	1.00E-04	1.00E-04
5.09890574	3.3968396	4.46814458	4.32179223	4.25302636	5.02358688	4.80890842

2.97715972	2.30189	3.2073393	3.83824836	3.93321481	2.78850265	2.89163518
0.96256585	4.99415599	5.18896894	4.35133501	4.46706419	0.94371668	1.12271955
0.80862553	1.00E-04	0.06405039	0.69249785	0.97718588	1.00E-04	1.00E-04
1.43797716	1.54062948	1.24036144	1.03381746	0.80577662	1.00E-04	1.8978041
3.67241636	2.93315942	3.0062409	3.30635264	2.6755956	3.859314	3.60802043
3.27947835	1.2795411	2.59721934	2.7405595	3.24048419	3.33555036	3.04702819
0.28575302	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.79505536
0.93865212	1.00E-04	0.84096791	1.00E-04	0.14410425	1.00E-04	1.00E-04
0.70669065	1.95097286	1.97191736	2.18694872	2.3056595	1.00E-04	0.81996147
1.00E-04	2.93577045	3.17336049	3.50797441	3.32602713	1.00E-04	1.00E-04
2.54388984	1.08649412	1.29984895	1.11256173	2.17306389	1.44286217	1.87180381
3.38808289	3.16517033	3.96229977	3.86448211	3.65002188	1.00E-04	0.40038755
4.53253575	5.43372211	6.10505693	5.64843696	5.68672244	6.1119315	5.84393301
2.36429937	4.70806568	5.14437654	4.74880689	4.98773526	2.19541589	2.80985815
1.00E-04	1.00E-04	0.06880281	0.10561401	1.00E-04	1.00E-04	1.00E-04
1.12285761	1.00E-04	2.26091279	1.43281229	2.25532062	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.75588758	0.41766952	0.09863458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15404675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13394589	1.00E-04	0.21117052	0.55646285	1.13313415	1.00E-04	2.44453666
0.95583125	1.00E-04	0.34123535	0.99182536	1.56298025	4.72507416	4.02828105
1.00E-04	1.00E-04	0.06767845	1.00E-04	1.00E-04	0.62567961	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.23443538	1.66167032	1.63947381	1.00E-04	1.00E-04
3.98143317	2.76434467	3.79503739	3.61227926	3.76929488	3.97131741	3.26704771
4.71440051	3.56395797	4.32399447	4.00974678	4.10290427	5.43557176	5.13181379
5.64893909	4.00330107	4.5881205	4.12662922	4.29517502	5.74779108	5.77481786
2.98810147	2.27895856	2.65598586	2.23568056	2.09658354	2.94105109	2.95974731
3.03013404	3.04970465	2.03770529	1.80569054	2.76339589	3.08934111	1.68649144
1.08575454	0.8339972	0.77109932	0.59884933	0.60628425	1.33937773	1.14061365
2.99618003	3.10903376	3.18015725	3.26091178	3.3587572	2.70657775	2.87838216
1.23092843	2.27801923	0.77943515	0.84981978	1.11456576	1.24135441	1.46347951
1.8224682	1.00E-04	1.24758897	1.87914205	1.90084094	0.72869785	1.68194462
2.87586763	1.57173433	2.61203827	2.3390985	3.27388352	1.88191708	3.16473544
4.1260825	4.16665382	5.21598786	4.4747124	4.50613978	4.59114476	4.92660805
4.9624245	4.27988745	5.3354621	4.61627774	4.81209775	5.1728759	5.54753668
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61146579	0.8358776	2.31912294	1.0252588	1.90050089	1.80701044	1.43086644
0.0903597	1.00E-04	1.00E-04	0.13225393	0.3133988	2.03922283	1.01864576
0.33927736	1.00E-04	0.47188393	0.62353512	0.24357457	1.00E-04	1.00E-04
0.13013039	1.00E-04	0.15242665	1.00E-04	0.19524902	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06504071	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66233422	1.87863369	2.84533856	3.45485032	3.56916955	1.00E-04	1.14333566
0.90650751	0.69779233	1.29129355	1.86388751	0.99330853	0.74564767	1.00E-04

2.15156052	2.37645304	2.05914479	2.28964597	1.00906985	1.5363352	0.69483121
4.6695739	4.70913284	5.52233126	5.50772148	5.44293945	5.10934009	5.02714446
2.17029577	1.19749663	1.41958156	2.25359877	1.66358131	1.39420731	1.45608271
3.16984115	1.45816887	2.40223809	2.94485729	3.24486206	3.68703054	3.13384868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1992742	1.00E-04	1.84171522	1.73666402	0.86851578	3.3995551	3.0740207
0.88221372	1.00E-04	1.36838149	1.99816385	2.45667021	1.00E-04	0.40038755
1.33137794	1.00E-04	0.89388819	0.52637033	0.90317068	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18275601	0.10843982	1.00E-04	1.00E-04	1.00E-04
3.32086541	3.80980226	4.36352861	3.43231633	3.56990813	3.35211902	3.32975297
3.41870121	3.35497804	3.95282708	3.82776174	3.73573059	2.79002463	3.57418943
1.00E-04	1.00E-04	1.00E-04	0.1318993	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.85803627	2.36841428	3.63691432	3.43762634	3.68888193	4.06394397	4.23574238
2.28218516	1.54288057	2.17701429	1.42994359	1.39890515	3.55539052	2.66708231
3.42624064	4.17085834	4.59195485	4.43859555	4.1457961	3.24019849	3.61499276
3.83435678	2.37058377	3.42835256	2.90334518	3.01788825	2.72611185	2.31834797
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96341925	0.68407235	2.64550467	1.88300943	2.69636037	1.64001363	1.40124383
1.47342112	0.74506998	0.54314029	0.0848519	0.50721526	1.00E-04	1.00E-04
0.97421401	1.00E-04	1.00E-04	1.07923674	0.09802713	0.88297287	1.00E-04
0.31583495	1.00E-04	0.32143499	0.46676887	0.58822385	2.86372787	1.63943516
2.59822325	1.00E-04	2.6626494	3.45194437	2.8451121	0.72869785	1.73404
0.52572593	1.00E-04	0.06504071	1.00E-04	0.47794628	1.00E-04	1.33956538
0.87527026	1.00E-04	0.9586416	0.62819132	0.59201552	1.22667441	1.00E-04
1.26036906	1.00E-04	0.49392122	0.17818717	0.55047654	1.51860767	1.00E-04
3.46607757	2.43611758	3.30862247	3.03870978	3.18448962	3.02849445	3.56866485
3.05486279	1.78670396	3.35633784	3.4468254	3.48435436	1.71697951	3.24880517
1.00E-04	0.7902481	0.62111892	0.38815699	0.33109813	1.00E-04	1.00E-04
0.5914898	3.10660231	1.07215919	1.61130875	1.53234909	0.82884172	1.00E-04
1.2525327	1.43063249	2.6761598	2.77122242	1.85011437	1.64826874	1.00E-04
1.46063092	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.13786198
0.33794279	0.87456952	2.25616036	1.06974574	1.26699105	1.00E-04	1.38935244
2.92302077	1.61569811	2.70047353	3.16213351	3.23764357	2.65153306	3.47634259
5.74221019	4.10334473	4.7914822	4.77095058	4.91827355	4.66273922	4.93456911
0.16819726	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88638214	1.96451067	2.24806715	1.34368848	1.59408537	2.08281314	1.95799757
0.2528596	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25761672	1.17452218	1.93574793	1.33361962	1.29740103	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.60396335	0.18186236	0.40480638	1.00E-04	1.00E-04
1.42759973	1.00E-04	0.9475571	0.18928318	1.58547526	1.00E-04	0.72495184
2.31246532	1.00E-04	2.88989172	2.95950645	3.08441967	2.00923548	2.23396504

1.05785397	1.00E-04	0.26473881	0.21551572	1.06583373	2.26681358	1.88062413
3.04736651	3.2794722	2.46673793	2.76392202	2.52607275	3.05701925	2.62218221
1.68491014	0.87612072	1.54132696	0.9932037	1.3241347	1.52299831	1.20842196
2.80011665	0.87612072	2.24042284	2.45522853	1.83349218	2.31643489	3.152374
1.85614469	0.8339972	1.08357402	1.69094837	2.92230533	0.86319656	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16195101	1.00E-04	1.00E-04	1.00E-04
1.90598513	1.00E-04	1.41487394	1.1029196	2.12823125	1.75799648	0.316869
2.56542743	2.05314422	2.67466578	2.40159814	3.19404741	1.73106408	1.5487626
3.68530227	1.85861608	2.91023549	2.65035956	2.78570208	1.63080653	1.68629884
3.09313529	1.88526469	2.89792754	2.80824406	2.50478701	2.72676311	2.84437387
1.00E-04	1.00E-04	0.21033473	0.09749395	0.12748672	1.00E-04	1.00E-04
2.68239316	1.73165954	2.99555722	2.79756084	3.153388	2.20993527	1.65690791
0.81685148	1.00E-04	0.33556932	1.00E-04	0.98073916	0.93702359	2.12302473
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20376324	1.00E-04	1.00E-04
3.08648507	2.3561921	2.99471237	3.47187654	2.82596143	3.64359905	3.43632349
3.53173709	1.21769093	2.98474267	2.32537666	2.22542449	3.13146527	3.61761785
2.5787805	1.2546033	2.37477216	2.2625264	1.90626807	3.27571267	4.44366609
3.51194243	3.24989788	4.5022713	4.19112654	4.06262797	2.9981081	3.71743992
4.08211823	3.73839178	4.495992	4.56693827	4.61897875	3.89262769	3.78278496
0.5961354	1.00E-04	0.4643008	1.00E-04	0.36177014	1.00E-04	1.00E-04
2.91087104	1.00E-04	1.00E-04	0.31160957	1.00E-04	1.00E-04	1.00E-04
0.8158816	1.00E-04	0.56097713	0.48201818	0.62067637	3.23268626	2.47763318
0.581439	1.83996126	2.56653188	2.77987329	2.87128109	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5031105	1.00E-04	0.16549647	0.66679946	0.19972672	3.01054697	1.62902289
3.1241553	4.01950822	3.00598938	3.10369679	3.22814798	2.86577692	3.15812333
5.09586653	0.68407235	3.62725132	3.11927877	3.37134214	2.92301729	2.71591783
3.95847266	1.46525323	3.2220818	2.6454724	3.02475941	2.78612401	4.04158239
2.57193562	2.12026883	2.5411116	2.71580726	3.00695108	2.98807276	2.77170339
2.29664551	1.00E-04	1.6258331	2.35836196	2.03683237	1.19321377	1.00E-04
2.0837216	0.68407235	2.12303676	2.2039531	2.43374013	2.16198404	2.72288864
0.21433745	2.21240268	2.50361799	3.33316098	2.78495258	1.69104257	1.66366566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.10532946	4.15082706	4.56507031	4.30971698	4.72540379	4.99571748	4.9459801
3.54535073	3.04692235	3.31111699	3.6690328	3.39640833	3.01959694	3.15174522
1.52600925	1.87623487	1.96673563	1.91895976	1.67908694	2.39779362	2.82411878
1.00E-04	2.27801923	0.91747384	1.40772013	0.76436892	1.00E-04	1.00E-04
1.30981596	1.00E-04	1.90311529	1.20769619	1.39250928	1.00E-04	1.153275
1.00E-04	1.00E-04	0.44658779	0.07488174	0.54521197	1.00E-04	1.00E-04
2.4980444	1.00E-04	2.48023733	1.64141089	2.17705945	1.8668791	2.33186431
3.99442533	4.42872413	4.34618026	4.7449139	4.65751022	3.75312804	3.87443967
0.68597471	1.00E-04	1.66026675	0.92172678	0.76475086	1.00E-04	1.00E-04
0.91472858	1.00E-04	0.11605641	0.21335823	0.535135	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39524673	1.00E-04	1.30591129
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84545914	1.00E-04	2.21987459	2.22238345	1.34933383	2.47794579	1.10285173
2.98838821	1.00E-04	2.69816719	3.12948307	2.46456043	3.32561965	3.12553936
3.36593647	1.18676999	3.01633947	2.63619932	2.47220185	3.62718434	3.81592863
4.99797269	4.18095763	4.80506477	4.41872804	4.55087095	5.25103316	5.37043325
3.25019893	1.00E-04	2.13614432	2.71524151	2.76442461	3.14522257	3.1460675
2.00497297	1.00E-04	0.40662988	0.49387948	1.32710458	2.47329235	2.85446991
2.84656991	1.2795411	2.45608462	2.60992619	2.23578911	3.94881092	4.34928492
2.41179838	1.00E-04	1.10205393	1.26274065	0.31438215	4.18064019	4.23091022
2.66245544	1.00E-04	2.07297169	1.82879881	1.55276291	3.19439529	3.38152165
3.03619576	1.00E-04	2.00808843	2.16461246	2.43687655	4.44097919	4.73190974
2.79155091	1.82293172	0.7446433	1.23163667	1.00641746	4.12409139	4.46473643
0.45262125	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.294807
2.61299405	1.00E-04	2.43288209	1.7118913	1.8243473	1.90977549	2.30791064
3.53964772	2.46909942	3.04922611	2.91127349	3.30858945	3.42127409	3.73315928
2.96230915	1.52862463	2.73617633	2.79118424	3.18280987	1.00E-04	2.03955072
0.30541706	1.00E-04	0.13543797	0.56963253	0.13992338	1.19321377	0.46517855
1.00E-04	1.00E-04	0.14778027	0.22576812	1.00E-04	1.00E-04	1.69998633
2.26714546	1.00E-04	0.78560321	1.04095517	1.18712455	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44797078	3.46229151	3.89595061	3.60321326	3.75114328	1.00E-04	1.00E-04
1.181942	1.00E-04	0.16117366	0.8936367	0.45617182	1.00E-04	1.00E-04
0.28052682	2.13108674	3.40007361	2.75195151	3.00524834	1.00E-04	1.00E-04
2.93549801	3.1367079	2.26362656	2.20268608	2.91757071	2.25940723	3.264859
5.34877122	3.56384796	3.67213037	3.44176742	3.43267765	5.2450372	5.36767416
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28096859	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13820197	1.00E-04	1.00E-04
0.20327028	1.00E-04	0.33692267	0.82725022	1.20600561	1.00E-04	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37832339	1.00E-04	0.52127722	0.94074565	0.61545705	1.00E-04	1.00E-04
0.39766919	1.00E-04	0.08518202	1.00E-04	1.09208683	1.00E-04	1.00E-04
0.67077835	1.00E-04	0.11159101	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.47956634	0.6713332	0.35389599	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.66421771	0.69372656	1.68656593	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08961591	0.1476729	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10402423	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.96975372	2.72107546	2.73420859	1.00E-04	1.00E-04
0.24276071	1.00E-04	1.00E-04	1.00E-04	0.52227488	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08383283	0.08431423	0.23438279	0.97058651	0.97522957
0.33927736	1.00E-04	0.14514224	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15169238	1.00E-04	1.00E-04
4.04632677	3.25622451	4.30507825	4.22300043	4.32485876	2.97089736	3.70238959
2.17863138	1.81016487	2.98662653	1.89981725	3.03160765	2.93314793	2.46549235
3.19326101	3.97430296	3.24383607	2.90651142	2.91877537	3.66302977	2.54308554
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.44212111	0.68407235	2.35164737	2.76965897	3.03240996	1.10522239	1.74439892
4.34492748	4.15318332	3.96291349	3.83801086	4.09403662	4.16005694	4.00725261
2.35143244	3.11052445	3.00216988	3.40342638	3.03413107	1.50577235	1.89273953
0.14735492	2.07413198	3.08511932	2.79290973	3.19759743	1.00E-04	0.83430531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.93756857	4.14025208	4.96874363	4.44987925	4.53858197	5.32211401	5.65644912
3.84065188	2.1163707	3.64031292	3.28426013	3.35874779	5.27624081	4.79239062
1.73324702	1.00E-04	0.44194875	0.72190685	0.29694643	1.00E-04	1.00E-04
1.05020305	1.00E-04	2.57170761	2.14496985	2.80881288	0.72869785	1.00E-04
3.93185091	2.99621927	3.45621346	3.08914339	3.24410713	4.04595336	4.26779365
5.07407681	3.71103834	4.72370876	4.24397213	4.35292045	5.55585836	5.60648901
0.66857588	1.00E-04	1.00E-04	1.00E-04	0.70510813	1.93136581	1.33231808
1.00E-04	1.00E-04	0.15581189	1.00E-04	0.18101271	1.00E-04	1.00E-04
0.34157166	2.00495376	2.92474871	2.66062865	2.79615288	1.00E-04	1.61645116
2.40535692	1.89121819	2.53756484	2.0887077	1.90176403	2.56887677	2.27313904
4.07613033	1.00E-04	2.49408793	2.23035933	2.30465387	3.00090179	3.81414319
0.28979052	1.00E-04	0.60138109	0.30958684	0.34273561	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.6132541	3.91855028	4.59681868	5.04800922	4.98973986	4.37269459	4.53900399
1.2805459	1.00E-04	0.32677616	0.21662831	0.65504795	1.00E-04	1.00E-04
0.1309597	1.00E-04	0.67030301	0.08431423	0.16358717	1.00E-04	1.00E-04
1.15943499	5.6411157	6.476152	5.68334737	5.59075615	3.04598319	2.97093044
3.84938631	0.87612072	2.76615763	2.02779607	2.72734977	4.43619311	4.26424087
2.93754394	1.54062948	3.10088967	2.92101758	3.41677451	1.86688051	1.53094975
3.39263227	2.45307193	3.62350288	4.14874265	4.01588858	3.07888301	2.97828446
3.40812071	1.87296567	2.70902016	2.74864946	3.34872669	2.09841598	2.10730876
0.95817496	0.8358776	0.77762744	2.34933002	1.92947827	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.7179807
0.08716682	0.68407235	1.15756502	0.19355698	0.16978193	1.00E-04	1.00E-04
2.68595219	1.00E-04	2.13737861	1.56966548	1.39494959	1.31151447	2.39268463
0.22832916	1.00E-04	0.33947374	0.54413842	0.45878075	1.00E-04	1.56087111
1.00E-04	1.00E-04	0.11195561	1.00E-04	0.24922568	0.74564767	1.00E-04
0.71358445	1.00E-04	0.14980627	1.00E-04	1.00E-04	0.86319656	1.00E-04
1.9153297	1.63099207	1.71283724	1.79645562	2.45953242	1.87827374	1.00E-04
3.98957909	0.71640521	3.61199234	3.82874442	3.90775405	2.79256713	2.80965411
2.91490288	1.53139699	2.59858986	3.46161378	3.07148924	2.68009333	2.83180893
4.21239166	2.15453963	3.66743678	3.82251682	3.49777593	4.06817576	4.25256964
3.03904418	1.54277356	3.32175882	3.509234	3.60656798	2.37829083	2.02008933

5.44873962	3.80781167	3.98197979	3.71437249	4.34458741	5.48203293	5.76560106
1.48284329	1.00E-04	0.34619012	0.20798538	0.09523547	1.34951911	1.78588098
2.90977575	1.16296659	1.65186981	1.84505167	1.59473579	3.01048421	3.1203801
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09863458	1.00E-04	1.00E-04
2.35282141	1.1377045	3.52971885	3.68852695	4.31954837	2.10923845	1.2022973
2.07963749	1.17896398	1.34100744	1.42605758	1.02236576	1.00E-04	2.80700982
3.60144602	1.49342378	3.82831277	3.95514467	3.87910983	3.71990013	3.141499
1.00E-04	1.00E-04	0.36031587	1.78886324	0.42361984	1.00E-04	1.00E-04
4.22646341	3.36517019	3.2113153	3.15240399	2.81250713	4.29799923	4.52152587
3.42002186	4.72468618	5.31707409	5.64116452	5.57011726	1.00E-04	3.3836547
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56916434	0.7902481	1.19033738	1.08117589	1.13313613	1.00E-04	0.62338205
3.85757283	3.13336833	3.9199967	3.608739	3.87133811	4.12529596	4.27165229
2.4380469	0.68407235	2.03029893	1.32646238	1.68393984	1.00E-04	1.55042706
4.61052677	3.7404071	4.12490054	4.62600587	4.40039718	4.50430662	4.7857039
1.00E-04	1.00E-04	1.00E-04	0.12795857	1.00E-04	1.00E-04	1.00E-04
5.56173717	5.19877541	5.80989286	5.16707361	5.39752568	6.29385104	6.15891048
3.41078947	2.10891283	2.60207006	2.51598653	3.11886447	2.90902043	3.95555858
3.02599455	1.67352971	2.23708351	2.05934252	2.31948332	2.68324076	2.9636927
3.08109833	2.38091905	3.10982616	2.76855264	3.25086101	3.06701622	2.92878469
5.63932513	4.77250607	4.70444521	5.51528986	5.62188184	4.6877336	4.81361574
3.94012687	3.32595191	2.38583679	3.3956194	2.30121846	3.60308087	3.16901905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.285859	3.36409018	3.09665482	2.98576958	1.00E-04	1.00E-04
2.55499458	1.00E-04	1.55213153	1.4103384	1.22271886	0.97412898	1.49176025
1.91808458	0.92068596	1.55245351	2.446105	2.00696534	1.00E-04	1.95533052
1.36928508	1.25509001	2.2812692	2.65463242	1.80561516	1.00E-04	1.00E-04
1.48568513	1.00E-04	1.69719837	2.33507054	1.57750543	3.08142094	1.55110731
3.52907011	1.22644621	3.35614674	3.94466078	4.16771483	2.81949159	2.07152536
3.90285856	2.10238833	3.18790552	3.37718432	3.29387978	4.05640993	4.15826354
1.94166764	2.37249814	2.82704031	2.57905653	2.59417345	0.81755274	0.96655867
3.66767516	2.40516779	3.89624417	3.72534003	3.47138598	4.30184074	4.07326115
4.69601787	3.46081391	3.89761503	3.47063091	3.80056335	5.00444814	5.10123379
0.56227696	2.46377344	4.54179505	3.37117627	3.52051589	1.00E-04	1.32112653
4.27565344	2.54800066	2.69805949	2.73283888	2.36097352	3.87271892	3.9572677
0.60627351	1.49333398	1.86057559	1.4002169	2.33141027	3.79759156	3.28732427
5.23489908	2.98514572	4.3173941	4.46975971	4.69341049	4.25153157	4.28111739
4.46056191	4.15030049	3.8605915	3.78823853	3.44673103	4.42191952	4.74737918
2.82952437	3.5090634	3.40460473	3.24249365	2.9792735	2.30706116	3.26504055
1.05479549	1.00E-04	0.88862252	1.00E-04	0.32848673	1.00E-04	1.00E-04
4.46631627	5.53612654	6.13697604	5.48399034	5.6984373	6.05569422	6.25751824
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.07387841	1.00E-04	0.59694896	0.99787888	0.64180062	2.32450888	2.6687846
1.00E-04	1.00E-04	0.33556932	1.00E-04	1.00E-04	1.00E-04	0.99227054
0.28297701	2.14722662	2.4390697	1.65570794	1.9783975	1.00E-04	1.00E-04
5.6830269	4.68237483	5.03824283	4.81270505	4.73369745	6.17065366	6.12873366
2.82640516	1.19051366	2.03790917	2.0977161	2.42647441	3.20301161	2.97293577
4.60447657	3.19247962	4.41452334	5.10036289	5.16232757	3.18704067	3.98403808
0.61974365	1.00E-04	0.47979192	0.38860027	1.63330313	1.00E-04	1.00E-04
2.71472258	2.56071181	3.8599434	3.11693862	3.5900455	1.00E-04	1.68107226
2.66919689	0.74506998	2.01384594	1.5583613	1.41374517	1.4232239	1.00E-04
3.76901123	3.29118437	4.90620231	4.39830674	4.59266095	3.30841151	3.20103614
4.453166	3.32775337	4.1302061	4.90644315	4.77452339	3.01519101	3.47938738
0.96493288	1.00E-04	0.6326151	1.67656902	1.19956471	1.00E-04	1.00E-04
1.64958583	3.29127459	4.17902595	3.79098062	4.16581155	1.00E-04	1.39171722
1.00E-04	0.72877389	0.85371918	0.89080677	0.81787921	1.00E-04	1.07127105
5.04343118	4.05966255	2.46731923	2.30573928	2.68339261	5.93904803	6.06684341
1.30844438	1.00E-04	0.55884471	0.16502343	1.00E-04	1.43054211	1.00E-04
0.44483659	1.00E-04	1.18076343	0.89488911	0.10423273	1.79983136	1.91123562
5.19111452	2.39262067	4.59595386	5.40565545	5.27338692	3.16465053	3.52107585
5.07332831	2.34612184	2.97628579	2.81770379	2.96860526	3.78091003	3.1641387
0.16533628	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01165661	1.00E-04	0.75147594	1.55687891	0.76397511	1.00E-04	1.93572751
2.68769685	1.94427715	2.90532338	2.90149613	3.12516015	3.10725264	3.05887792
2.93978839	2.13066759	3.23542886	3.3172912	2.7468437	3.18364638	3.2743434
3.75689136	2.29886457	3.24725221	3.32294949	2.73606492	3.57914445	3.74677253
3.55377281	1.90158816	2.72221557	2.67143013	2.25482103	4.1381012	3.66175014
1.00E-04	1.00E-04	1.17722133	0.5418625	1.92168208	4.29296023	5.39176772
0.79398544	1.00E-04	0.21348581	0.29243371	0.73183251	1.00E-04	0.41275046
3.9117508	2.85942914	3.93336031	3.57323991	3.6430411	3.40219403	3.60342024
3.04682088	1.71539206	1.96263226	2.40663971	2.16306886	2.62535674	2.97696067
3.55818438	1.65420127	2.2716211	2.42811844	2.24736343	2.53719554	2.08763751
2.59553735	2.54783127	2.26334175	2.6797967	2.22545624	2.58342043	2.97613401
4.26524965	2.63407909	3.63234513	3.62772461	3.87580862	4.47918286	4.31735005
2.73192601	2.91856331	2.16923042	2.53719652	2.20400238	2.7110001	1.49501328
0.5522793	1.00E-04	0.15611092	0.28313557	1.45860554	1.03499642	1.502599
0.63815311	1.00E-04	0.99335489	1.13797617	0.4074466	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.23861529	0.3193428	1.00E-04	1.00E-04
0.74367476	1.00E-04	0.81686133	1.84489665	0.44641993	0.88297287	1.00E-04
4.34463961	4.68644979	4.56649059	4.67151739	4.56899111	3.77341392	4.28789973
3.53827026	3.4969291	3.64803234	3.17054902	3.27821415	4.03611202	4.52768019
3.3313096	3.3001942	3.57148951	3.41047199	3.40460956	2.31603915	2.86011143
3.67845862	3.17796885	3.64410021	2.87897817	3.068461	2.87897462	3.60237548
5.11665507	4.42196221	5.13291498	4.77481413	4.95524177	5.15721188	5.6202918

3.67760751	1.72890281	3.09516512	3.0487821	3.36485621	3.88750663	4.16663439
0.06765176	1.00E-04	1.07846646	0.7123414	0.45595706	0.9513318	1.23636362
2.87846682	1.1166062	2.64807339	3.27408449	2.75270366	2.89346198	2.40214847
0.07341779	1.00E-04	0.68822469	0.29750276	0.45162867	1.00E-04	1.00E-04
4.37752203	4.89175307	5.59831157	5.456729	5.61644192	4.49269125	4.97480377
3.60863159	3.21605614	3.15258919	3.74550824	3.82791773	4.15169479	4.17355393
0.50228875	3.93961904	4.92349834	4.54572784	4.56273067	0.9559646	1.48198367
4.78772135	3.83682996	4.72605918	4.42554717	4.31253852	4.66385244	4.69895149
3.80178669	3.6035427	4.18963212	4.13571144	4.38965222	2.14025977	3.07313431
0.33385759	1.00E-04	0.29925161	0.18334596	1.00E-04	1.00E-04	1.00E-04
2.6862675	2.72646486	1.95274078	2.58284649	2.42101881	2.90410443	2.12824113
3.3839451	1.00E-04	3.65409061	4.56155322	4.45939	2.55268822	2.1194549
4.17618916	1.52102673	3.71194799	3.73769438	3.69263566	4.03733487	4.10490478
2.80901878	1.55355704	2.11728156	2.1002201	2.1684079	3.14754376	2.27667612
3.57324035	2.21930967	2.84175881	2.70339975	2.96545066	2.57515761	3.34522835
3.59859888	2.74466579	3.07050632	2.79672846	2.57451518	2.81596224	3.6586359
3.91969734	2.03194534	3.73829696	3.46882829	3.50052645	4.18598185	3.86569674
2.97252426	0.87456952	2.48416549	2.55077326	2.30774928	2.00833156	3.08776037
2.85735043	2.69593935	3.57695913	3.61034025	3.39530496	3.00425911	3.09172667
1.00E-04	1.00E-04	0.12677303	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.74266958	2.29479064	3.29757178	3.33679373	3.6614023	3.15030114	2.48714318
1.51212038	1.00E-04	0.37115257	0.6652028	0.55128174	1.00E-04	0.316869
1.00E-04	1.57339335	2.24532228	1.84974366	2.25192269	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17075909	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1343207	0.96847026	0.32885546	0.21674229	0.24705339	1.00E-04	1.00E-04
0.53759371	1.00E-04	1.00E-04	1.00E-04	1.81694344	1.00E-04	0.48671447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2844415	1.00E-04	1.00E-04	1.00E-04	0.20281155	1.00E-04	1.00E-04
3.12442172	1.77219596	2.86334945	3.36495027	3.41181138	2.51298306	2.93753532
3.48480875	1.93460656	2.9907595	2.83855283	2.87895169	2.36177229	2.99953256
3.09468753	3.88129566	4.10169435	3.67060492	4.17657303	2.67915494	3.09338433
3.25220366	1.00E-04	2.4553113	2.23996584	2.56699045	1.34637867	1.90350311
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76437313	1.52267423	3.00464001	2.40151953	3.06600006	3.18882997	3.14630404
3.39870402	2.16960773	2.6155273	2.4230871	3.22454219	2.97591423	3.02774557
3.00626498	2.11020443	2.5340079	3.08611602	3.0493961	2.17416235	3.03365402
3.79904101	1.25583846	2.81860104	3.55166854	3.11522491	2.59715223	3.5766696
4.43939455	4.30818136	4.97121258	4.28870746	4.3989917	4.29091508	3.81845096
4.19965651	3.89680836	3.44915121	3.37485082	3.34520499	4.08327901	4.54261638
2.44285548	1.2795411	1.77214321	1.77027729	2.47404786	1.75791089	2.60745046
3.21783921	1.53661928	2.79421709	2.29477506	1.94571176	2.80481896	2.84217492
5.38893508	4.35485988	5.01373142	4.4225407	4.61713612	5.57650016	5.56913373
1.67880581	0.87612072	0.91267337	2.13573614	2.11459356	1.00E-04	2.35214202

5.43090989	4.54171499	5.43880939	4.95017004	4.9683825	5.51822681	5.71956573
5.20608393	4.66885363	4.74016421	4.40857208	4.51338893	5.28273283	5.36308398
1.34821171	1.00E-04	0.57860403	0.94289298	0.39493752	1.00E-04	1.00E-04
0.06718044	1.00E-04	1.00E-04	1.00E-04	0.28096859	1.00E-04	0.7070202
1.10714206	1.00E-04	0.98936693	0.4561507	1.20392088	1.32250836	0.97414365
1.00E-04	2.10680654	2.70858402	2.09327228	2.08687358	1.00E-04	1.00E-04
1.43459559	1.00E-04	1.43465008	1.06725967	1.65984961	1.83562673	2.18825872
1.08643877	4.79664751	5.1244671	4.04780063	4.09551732	1.00E-04	1.89006317
5.50549781	4.9603561	5.20580823	5.09812078	5.55312348	5.01619093	5.16668653
3.84278209	3.11339218	4.44709521	4.35337681	4.78599583	3.57401641	3.39966747
4.82291771	3.24638924	4.38508566	4.19094307	4.5476521	4.68954232	4.48568145
0.97274293	1.00E-04	0.64403773	0.15304011	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.451799	0.26613997	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.57928749	4.77081421	5.77354308	5.32817353	5.60288734	6.20157957	5.77655975
4.20611207	2.55652448	3.76048916	4.00766178	3.89089153	3.79325235	4.04079165
2.12022069	1.2101235	2.32869999	2.11269243	1.57376859	1.82275963	1.48646801
1.31175341	0.8358776	1.59283702	1.45220551	1.34051914	1.00E-04	1.62342944
0.2342465	1.00E-04	0.63766605	1.00E-04	0.30000572	1.00E-04	1.00E-04
1.60660538	1.00E-04	0.2071751	0.171335	0.69612136	1.00E-04	1.00E-04
2.84425884	1.72217275	2.89203595	3.02947654	3.63524172	2.56790523	2.50442823
2.78182939	3.30392601	2.10105279	1.62434121	1.91354034	2.29388101	2.86786699
3.61034441	1.00E-04	3.1149791	3.14159865	3.64399982	2.78480553	2.49236604
4.26644205	4.09038221	4.48266047	4.98000357	5.33669806	3.01215071	4.01059199
1.18740055	1.00E-04	0.10334576	0.40878933	0.08916315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19416611	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.55955923	4.13005212	4.09952158	3.60767567	4.02412398	4.65213632	4.83359376
3.01522401	1.00E-04	2.74314765	3.40373087	2.96508668	1.56719626	2.13260772
3.62386508	1.00E-04	1.14012824	2.29185966	1.32774036	3.82317241	4.07278199
1.00E-04	1.31921957	2.1206241	2.3972073	2.67807079	1.00E-04	1.00E-04
2.89899271	1.92501472	3.09948846	2.93821405	2.9806752	1.86175234	2.30509539
3.73634532	3.68202659	3.03329703	3.14569883	3.29196967	3.0057291	2.89882504
2.52219578	0.87612072	1.5496355	0.96250508	2.05405765	1.82832605	2.04527881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12939448	1.00E-04	1.84715411	2.4799128	2.40299338	3.28632772	3.63266827
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39766919	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57841654	1.00E-04	1.14485675	0.64920027	0.90883176	2.3479516	1.26691255
1.00E-04	1.00E-04	0.30269782	0.11606138	0.52663155	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10712804	1.00E-04	1.00E-04	1.00E-04
0.75125484	1.00E-04	0.39736696	1.02468753	0.19089153	2.028655	1.00E-04
5.02468361	2.27801923	1.46491463	1.63239195	0.917807	0.82884172	2.44953858

1.00E-04	1.00E-04	1.26510516	1.42962321	1.32998382	1.00E-04	1.00E-04
0.46471063	0.72877389	1.08965089	0.89925124	0.66441935	1.00E-04	1.00E-04
0.24139521	1.00E-04	1.00E-04	0.21335823	1.00E-04	1.00E-04	0.35134699
2.66843286	4.51043483	5.10460516	4.87965051	4.84030319	1.00E-04	3.4687955
0.65002015	0.7902481	0.15160308	0.09790117	1.00E-04	1.00E-04	1.15573112
2.01168056	0.96847026	1.66202874	2.12744786	2.71492313	1.00E-04	0.63328605
1.00E-04	0.92068596	1.00904424	0.17033328	0.22367009	1.00E-04	1.00E-04
1.96629838	1.00E-04	0.7588047	1.00E-04	0.22721314	2.27201022	2.20490101
1.00E-04	1.00E-04	1.00E-04	0.08624493	0.20931032	1.00E-04	1.00E-04
3.84957157	2.27801923	1.05984162	0.39294295	0.92711848	3.83175622	3.76771819
1.00E-04	1.00E-04	1.00E-04	0.13831052	1.00E-04	1.11641065	1.00E-04
1.00E-04	0.87456952	1.2457992	0.94840735	1.98612877	1.00E-04	1.00E-04
3.81175522	0.71640521	1.72261302	1.20186205	1.80632168	2.62973921	3.72032
2.80308722	3.13478692	2.91644992	2.60828771	2.10479013	1.71801841	2.00815917
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.21093022	1.2795411	2.31496282	2.5940806	2.75956355	4.368397	3.97863518
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.13205529
1.55287365	1.10823044	1.53365528	1.2548479	0.85718391	1.00E-04	1.93905353
1.32019575	1.00E-04	0.45932198	0.22745256	0.56359144	1.45371564	2.28855035
2.65071169	1.00E-04	1.00E-04	0.11606138	1.00E-04	0.84497321	1.00E-04
0.08716682	1.00E-04	2.08041424	1.28849303	0.60870354	1.00E-04	1.31673389
0.21845696	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09759627	1.00E-04	1.00E-04
4.25408154	1.00E-04	2.76823846	3.56064344	3.71513076	2.05749775	2.40126953
0.11105565	1.00E-04	0.44901407	0.12271058	1.00E-04	0.62567961	0.94608236
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.87145587	0.36813096	0.65443667	1.00E-04	0.48671447
1.00E-04	1.00E-04	1.20701934	0.83797182	1.00464492	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10402423	1.00E-04	0.17232922	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1907813	1.00E-04	1.57467412	1.14210131	1.10699572	2.69163769	1.8602155
0.1453952	1.00E-04	0.16922774	0.1373285	0.45934129	1.30530732	0.99419888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60655119	2.50217966	2.28646748	2.73132363	2.11180136	0.74564767	1.19342287
3.90067825	1.52102673	1.93352207	2.76442909	2.62606318	3.47926034	4.11196883
3.49325986	1.17452218	1.74496912	1.50701792	0.96071928	3.65409968	3.84047578
1.00E-04	1.00E-04	1.32394138	0.7179279	0.32631911	1.33183829	0.72495184
1.49658592	0.79637057	1.48402164	0.79817967	1.24117382	1.00E-04	1.15573112
1.00E-04	1.00E-04	0.62590548	1.00E-04	1.00E-04	0.81261445	1.01208735
1.22595363	1.00E-04	1.15995766	2.25848636	1.30442368	1.00E-04	1.22105593
1.00E-04	1.00E-04	0.33972598	0.16695136	0.47858154	1.00E-04	1.00E-04
0.20399708	1.00E-04	1.11372924	0.79365534	0.9295911	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.25117343

4.26956868	2.56845848	3.64693444	3.02350828	3.30841203	4.3572712	4.55581075
3.38071999	2.3083277	3.27733827	2.46202503	2.82247525	3.68908619	4.01161192
1.221046	0.69779233	1.33031048	1.23013278	1.21018476	1.22667441	1.9100773
1.00E-04	1.10480104	2.02461056	2.0603478	2.5274139	1.23897179	1.00E-04
2.19152294	1.59341216	2.80556599	2.58672813	2.79218755	1.03499642	1.66383019
0.62983932	1.5831983	3.36571987	2.92932712	3.39920838	1.00E-04	1.1787663
1.00E-04	1.00E-04	0.07227876	0.17383786	0.16978193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10484578	1.00E-04	0.11711669	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2777148	1.00E-04	0.22331673	0.51696429	1.97442384	1.00E-04	1.00E-04
5.05962754	5.08457542	4.90597461	4.91642703	4.85722199	4.35334073	5.11208615
2.56747985	1.87922525	3.46817328	3.56732639	3.36757048	1.69806687	2.54389764
3.58333357	2.01538467	2.71516508	3.33425201	3.08759117	1.8513977	3.09527049
2.45767075	1.98764734	3.15716195	2.82826899	2.90202509	1.66300898	1.34693361
2.17532456	2.78618149	3.14859379	2.93145107	2.24440618	1.88735008	2.47436975
4.58219813	1.2795411	2.30664549	3.20735812	2.94922101	2.5236464	3.05532602
0.29412275	1.55759878	1.17674737	1.23133549	0.70784177	1.00E-04	1.00E-04
1.35121208	2.60464036	3.2560331	3.18967548	2.95356636	2.06921582	1.81450768
4.44145898	4.08602793	4.15417778	5.47797733	4.96137541	2.74059335	2.30447985
2.06720635	0.68407235	2.85131587	2.33306538	3.3793487	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.81677406	1.21187282	0.97359722	1.00E-04	1.00E-04
5.64740184	4.62237692	5.50539933	6.41991754	6.16877904	3.98163551	4.33750918
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38086762	1.00E-04	0.90868681	1.58786819	1.62972437	1.00E-04	1.32157107
1.00E-04	1.21891	1.72954095	2.15235101	2.59034153	1.00E-04	1.47065192
3.48816616	2.25394028	3.07644487	3.1852238	3.09409774	4.02978897	4.01717495
5.32572841	1.00E-04	1.93524303	1.39513989	2.67328785	5.52448769	5.65908801
1.65453559	2.10383668	2.95621277	2.52773673	2.60475375	1.63075825	1.00E-04
0.89767823	2.35461993	3.6383914	3.47266867	3.6979825	1.00E-04	1.46662644
2.07553387	2.78772004	3.79570067	3.46215289	3.32225461	3.92425152	4.51342581
4.74877272	1.77145913	2.82125396	2.55424453	3.14239061	4.06869682	4.2583377
4.42066563	1.00E-04	1.25610902	0.23072504	1.56029	4.43623193	3.65704862
2.17769838	2.91856331	2.05513847	2.18982241	2.60016644	4.49771694	4.62662707
3.0038529	1.00E-04	2.23092212	1.30227955	1.6554158	2.83559777	2.41110611
0.448144	1.40512958	1.53274427	1.60301285	1.52190226	2.48051756	2.12839383
1.14042166	0.8339972	1.20032523	0.42365515	0.69656079	1.00E-04	1.00E-04
6.33441826	3.7869316	4.86123448	4.63258032	4.93463365	5.3649126	5.43250146
0.87956539	2.38831065	2.91095352	2.24704459	2.17409858	0.62567961	1.00E-04
0.28716169	0.69779233	0.17442407	0.09790117	0.23120854	1.00E-04	0.46517855
3.49263046	0.8358776	2.2060799	2.29023555	2.54713091	3.47636098	3.42054453
0.73245407	2.72429135	3.38048591	3.76954764	3.39835214	1.00E-04	1.00E-04
0.76656088	1.00E-04	0.07268679	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.30982196	2.64414066	3.83240981	3.56821166	3.44009377	0.97412898	2.35945501
0.51066841	5.09007914	5.79613582	5.34205012	5.24321115	0.94543129	2.2885226
0.21280737	1.19749663	1.13581293	1.38608122	2.21612713	1.00E-04	1.00E-04
3.49984594	1.56600695	2.08637504	1.80430849	2.49589178	2.65076059	2.29069563
4.06686459	1.00E-04	0.09880717	0.13831052	0.11078928	1.00E-04	1.00E-04
0.09976055	1.00E-04	1.00E-04	0.08009723	1.00E-04	1.00E-04	1.00E-04
1.04905877	0.76524107	1.00E-04	0.20989126	0.25704868	1.00E-04	1.00E-04
0.55086626	1.00E-04	0.52932565	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74571605	1.46591335	1.21326516	0.89208583	0.09759627	1.88733708	1.87653599
1.3000461	3.79444517	2.85392224	2.4690642	0.93615348	2.8317119	3.15023126
1.00E-04	1.00E-04	0.18708729	0.23299523	0.45936508	1.00E-04	1.00E-04
1.45627554	0.69779233	0.58851476	0.62712734	0.56590657	1.00E-04	1.0244242
0.57640487	1.00E-04	0.41539457	0.29831179	1.00E-04	1.15464519	1.32157107
1.00E-04	1.00E-04	0.17288858	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2196067	1.00E-04	0.18332529	0.48150856	0.24922568	1.00E-04	1.00E-04
1.89575925	1.1971089	2.07535456	1.71554175	2.20003436	1.64233755	1.74610578
0.90020146	1.00E-04	1.32853541	1.21986439	1.313058	1.00E-04	1.00E-04
1.00E-04	2.70572726	1.77068538	2.49598276	3.28715796	1.00E-04	1.00E-04
0.72288487	1.00E-04	0.11726188	0.44666732	0.40329046	0.96274275	1.20679676
1.98369723	1.00E-04	0.51476378	0.59845065	0.12343101	1.00E-04	1.00E-04
2.14583784	1.00E-04	0.34028468	0.60476985	0.73383257	1.00E-04	1.00E-04
1.23420251	1.00E-04	0.29418568	0.33879024	1.00E-04	0.95102466	1.00E-04
1.16842359	1.00E-04	0.3897536	0.27480188	0.41236296	1.4989723	0.316869
1.89108639	2.21136751	2.42369043	2.16575284	3.45600278	1.00E-04	0.98372704
1.54744782	1.00E-04	0.48153816	0.47614759	0.2575641	1.00E-04	1.00E-04
4.12960302	2.0924882	3.32270599	3.47994382	3.47465613	3.72088943	3.99955468
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.19122091	2.76959056	3.32445031	3.63228758	3.86226276	4.29519266	3.66968534
4.9554399	4.78132282	5.30111389	5.13837575	5.17507086	3.38974907	3.55655459
4.71297859	2.54251614	3.71758932	3.43626291	3.65506542	3.63114851	2.87917386
5.26105878	4.49379738	5.11366229	4.6537139	4.34448499	4.9184277	4.98861422
3.77903145	1.00E-04	2.49029073	2.6534117	3.00789326	3.08477821	2.68095485
0.95428796	1.00E-04	0.95454253	1.19045755	0.78899335	1.00E-04	2.37440873
0.68565253	1.00E-04	0.24229918	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33826146	0.38718101	1.00E-04	1.00E-04	1.00E-04
0.180786	1.00E-04	1.00E-04	0.07577735	1.00E-04	1.00E-04	1.00E-04
0.84032765	1.00E-04	0.34336951	0.11090815	0.62341302	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.17452218	1.41684179	1.0635752	0.81840903	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.56789103	0.75776007	0.28231602	1.00E-04	1.00E-04
4.89528697	4.3455649	4.97220834	5.36851753	5.63484889	2.8519296	4.0248995
1.15581154	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.46392859	1.90344382	3.32053908	3.20640867	3.42338505	3.07296626	2.93589124
1.86061919	1.00E-04	1.14255569	1.02230547	0.61353016	1.00E-04	2.47194543
0.4706633	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.294807
3.42836009	1.54550408	2.83648141	3.06740817	2.91633839	3.16821941	3.26669386
0.62854955	2.09095052	3.2464207	3.42384708	3.06695834	1.22667441	1.00E-04
1.13281979	0.71640521	1.59227405	1.1231896	2.13175942	1.00E-04	1.99007957
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8358776	0.33240686	1.24611654	1.95259237	1.00E-04	1.00E-04
4.92842546	4.22707448	4.58540567	4.54092264	4.87447006	4.11531339	3.97604375
0.18058013	1.00E-04	0.20352899	0.09731771	1.00E-04	1.33356452	1.00E-04
0.81620638	1.00E-04	0.68743508	0.41815398	0.10294237	1.49858888	1.00E-04
1.00E-04	1.309432	2.84646135	2.49853528	2.38324546	1.00E-04	1.00E-04
3.5815307	1.21769093	3.48310407	2.88313052	3.29434681	2.48224104	2.27543208
1.44999697	1.00E-04	1.1749165	1.00E-04	0.11344173	1.51042251	1.00E-04
4.01967027	3.5706667	4.8518233	3.96089959	4.12398922	5.10079912	4.54472386
0.2196067	1.00E-04	0.11641406	0.16429007	0.30786245	1.00E-04	1.00E-04
2.79673535	1.2795411	0.62987185	0.60484282	0.47962035	1.00E-04	1.93833032
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.11041996	3.60080283	2.82985096	3.13201195	2.84942953	2.81428817	2.54868029
5.68285946	4.7059915	5.52529699	5.12121362	5.24898398	6.13445959	5.98854589
3.07481622	1.61355117	2.45385336	3.28947696	2.75141958	2.80353999	3.18847763
3.75575541	3.63321965	4.23619964	4.21679931	4.58289236	3.61429248	3.26853958
4.83335529	4.56228477	4.66670517	4.75325435	4.79536611	4.19119232	4.70515206
3.38883608	3.03269912	4.064941	3.92374014	3.66283085	1.98043303	1.91606385
1.42307433	1.00E-04	2.62146892	2.63503355	2.25405015	0.62567961	1.80575011
0.49796477	0.87456952	3.15107007	3.97015238	2.8260929	1.00E-04	1.00E-04
1.00E-04	0.87612072	0.80220521	1.08670513	1.00964131	1.00E-04	1.00E-04
1.89348906	5.48280923	6.28078606	6.96236434	6.8445962	1.00E-04	1.00E-04
1.9611876	0.72877389	0.85268845	1.64231182	0.71918864	1.103099	0.49725191
2.74725722	1.00E-04	2.75614697	2.22901954	2.52811219	1.28787782	2.12263896
3.75821265	2.31310937	3.57291388	3.8503093	3.84986773	3.17372878	2.94532935
1.00E-04	1.00E-04	0.36087333	0.73158508	0.53217533	1.00E-04	1.00E-04
0.27611176	1.00E-04	1.39451891	2.24192057	2.41243758	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3099974	0.3387364	1.05932322	1.00E-04	1.00E-04
2.38914517	1.21891	2.3445127	1.93793149	2.4902318	0.86319656	2.16577362
2.69908772	1.00E-04	2.97019264	3.01793869	2.41593706	1.38927927	1.53364031
1.87327584	1.00E-04	2.84443778	3.48115509	3.39355933	1.00E-04	1.77883824
0.70105597	0.71640521	1.98359642	2.18851184	2.28965478	2.59680731	1.90501569
5.59429789	5.64412435	6.49321737	7.43215698	7.04290435	3.7145074	4.49595168
0.04764841	1.00E-04	1.17808707	1.45929129	0.68261018	1.10522239	1.00E-04
2.11944387	1.28581113	1.32389989	1.7239775	1.59375582	1.14924902	0.72495184
2.25541438	0.71640521	3.11726428	3.34518704	3.49303452	0.88297287	1.62093593
1.00E-04	1.00E-04	0.3048575	0.31260386	1.00E-04	1.00E-04	0.41275046

5.08343414	4.12112568	4.72625353	4.31593943	4.27546837	5.41032312	5.8101926
3.53029707	1.7916581	3.34377522	2.91704234	2.92658796	3.57456252	3.88135
1.00E-04	1.00E-04	0.40583599	1.00E-04	0.13536061	1.00E-04	1.22245167
4.24156541	1.69964765	3.55267971	4.19535053	3.84916829	3.29004554	2.91780558
4.92176798	3.06450193	3.51800104	3.60951655	4.0060971	4.49308036	4.58350597
2.75004966	1.68726355	2.81618718	2.26283095	1.96208599	2.65015693	2.53055309
4.27576695	3.81105545	4.31395245	3.79336765	3.74516014	3.53795333	4.0974748
3.22736048	3.07647559	3.71149974	3.17672962	3.00436016	2.4620377	2.48065617
4.27290136	4.17749617	4.28295109	4.26276909	3.89277549	4.49406081	4.85257561
4.17354852	2.21507593	3.51970145	3.51698665	3.80979726	3.40593453	3.91241878
3.38431487	3.46479663	3.59625486	3.38296849	3.40010129	3.45568956	3.01492593
3.11642456	1.49468642	2.53794291	2.09012085	2.73093004	1.9343889	2.33422759
2.04735277	1.13651828	1.69300127	1.49060059	2.70937554	1.13698109	1.18243429
4.29841169	2.38493415	3.72037821	4.5662398	4.78616061	2.63463909	2.91836626
5.75171553	4.46864417	5.38745363	5.45973278	5.238304	5.29027336	5.23672045
1.25093834	3.29661436	3.92549685	3.45193812	3.7321122	1.74994176	0.48671447
1.85611259	1.00E-04	0.797361	0.53901062	0.31144968	0.92751185	1.78455057
4.18473791	1.1166062	3.25214963	4.04194037	3.75212468	2.61200181	2.96128454
3.47260166	3.99142137	3.69893845	3.39901831	3.91066401	4.13128997	3.92683421
3.98233072	1.69128197	3.38799658	3.01641878	2.98239513	3.798515	4.23471122
3.39038251	2.72715111	3.46636195	3.06672974	3.2383206	3.73177229	3.49398922
2.80242518	2.49377549	2.49263243	2.45968919	1.99822312	3.44077266	2.11199121
2.16500934	0.72877389	1.85800752	2.3242358	1.67645729	1.51789532	2.12200307
3.89114323	1.81236636	3.49770639	4.21691992	4.05767663	2.46679937	2.43684272
3.33313806	2.83034544	3.27962958	2.73688355	2.72270842	3.083577	3.76120873
3.86745328	3.2515791	2.78689767	2.71815114	3.0630417	3.58156606	3.80523109
2.70840671	1.00E-04	2.57439753	2.44395848	2.31275465	3.34203046	2.87677619
1.22091126	1.00E-04	0.63817634	0.74977057	0.56039512	1.00E-04	1.00E-04
3.12001864	1.78424356	3.32091239	3.20423915	2.96619521	3.98542564	3.9805072
2.45045195	1.54457969	1.98234752	2.42108326	2.8605182	2.61121435	2.70884271
3.530181	1.00E-04	2.51003346	2.62800593	2.51006971	3.3967078	2.25573419
0.55733115	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09596895	1.00E-04	0.86094628	0.26073374	1.0353337	1.9817726	1.93154945
0.39832598	1.00E-04	0.20307734	0.15845674	0.15169238	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07848916	1.2546033	1.17605094	1.03507388	0.71490163	2.45009477	1.65869969
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.43026191	0.87612072	2.67699647	3.33291165	2.85873375	2.04625475	2.72933251
2.34262103	1.00E-04	0.72575769	0.73981221	1.1804428	2.71373659	1.69659239
0.28979052	1.18311866	0.96804559	0.66953949	0.62431494	1.00E-04	1.00E-04
1.53009293	0.68407235	1.81188715	1.31215623	2.41449197	2.00086779	1.99555476
1.00580607	0.7902481	0.66430788	0.25999869	0.4160326	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.07348386	0.09296692	0.127027	1.00E-04	1.00E-04
0.24473563	1.00E-04	1.00E-04	1.00E-04	0.13718086	1.00E-04	1.00E-04
3.25569837	1.00E-04	2.65829937	2.13651923	2.50497281	2.86676664	3.60632877
3.60759018	2.28129576	3.41237091	3.96744739	3.61471593	3.47739901	3.19556511
2.63715897	3.09867844	3.77828097	2.40036629	2.58188611	1.00E-04	1.00E-04
3.73224184	1.00E-04	2.01835405	2.77106152	2.73070815	3.7119212	3.32654348
1.01874193	1.18311866	2.55906156	2.10932557	2.09089691	1.44402989	1.90653828
4.57281275	3.4695089	3.7958158	3.40300454	3.33743641	4.51653766	4.60352475
0.06718044	1.00E-04	0.18007966	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73536152	1.00E-04	2.04467919	2.46146812	2.45458152	1.58273848	2.88002381
0.86626064	1.00E-04	1.149073	1.04901608	1.38509312	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.50884136	3.44940202	3.41302336	4.15045696	4.12217145	4.97440986	4.43003076
2.23530532	1.00E-04	1.56128248	2.11664376	1.96597802	3.06025187	2.31416251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.66179794	1.56463734	3.00740752	3.03916398	2.66288446	2.87742567	3.11196263
1.04062475	1.00E-04	0.88400333	2.05385239	0.42569296	1.00E-04	3.35897029
6.72481667	1.00E-04	1.39992274	2.41303992	2.45419504	2.02486162	4.91420068
0.78182123	1.00E-04	1.00E-04	0.09749395	0.6565217	1.00E-04	2.40113716
1.43824036	1.00E-04	1.00E-04	1.00E-04	0.19146895	1.00E-04	2.3604378
0.87614502	1.00E-04	0.13573418	0.15450124	0.24386659	2.56254009	2.17296625
1.00E-04	1.00E-04	1.00E-04	0.0848519	0.26481833	1.00E-04	1.00E-04
3.98777497	1.30842654	3.08233313	3.62050505	3.35345462	2.13114003	3.26724881
4.21721342	2.8025113	4.80244422	5.53290506	5.47487018	2.25726536	2.82670353
2.70373485	1.7606553	2.55103682	2.90616573	3.36363831	1.00E-04	0.7070202
4.79929448	3.53605137	4.68976111	5.09862479	5.04401051	4.60271157	4.61856314
0.27395608	1.00E-04	0.43856044	0.54146539	0.49831353	1.00E-04	1.00E-04
4.86860867	2.50106166	4.32409939	5.25665943	4.95795089	3.95343068	3.8756164
2.39290645	2.13071025	2.42286292	2.83716734	2.40097832	1.93812388	1.91207851
3.62530774	0.68407235	1.84150591	2.85161569	2.91589483	2.28372898	2.32535892
1.00E-04	1.00E-04	0.16064588	0.19919627	0.43288849	1.00E-04	1.00E-04
2.74650943	1.79223867	1.91963472	2.60425938	2.33228632	3.26180395	2.82791098
2.45039914	3.08713592	2.85458653	3.08450716	3.16292543	1.53784553	1.95982176
3.70270586	2.71276365	3.1183592	2.60840805	3.102773	4.74014171	4.26633223
3.71990548	3.09599731	4.13767493	4.34104494	3.9601352	3.74563049	3.91608079
2.73047944	4.09908483	4.41702771	4.56650582	4.75257473	1.84605915	2.87933694
3.72224324	1.7393303	3.47274755	3.12177983	2.83757571	4.23808678	4.01560722
3.76076194	2.48479005	3.75434808	3.69030029	3.92394114	3.60376768	3.7193071
3.43994627	2.0566393	3.06841915	3.46017179	3.34947899	3.22094766	3.58540482
4.09883339	1.80468483	3.87432368	3.95570358	3.78174132	3.52430323	3.98732008
4.11307362	3.71134914	3.94739965	4.18435694	4.44107037	3.51865016	3.92291633
3.62326928	3.26007992	3.79747129	4.02733114	4.11871203	2.64114876	3.22633489
2.13079907	3.28868278	3.77933539	4.17407492	3.9482206	1.49994424	1.01208735

1.69207889	1.00E-04	2.65558028	2.03961061	2.6244198	1.40062498	1.65979124
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20129929	1.00E-04	0.25906684	0.2629529	1.00E-04	1.00E-04	1.26435967
1.00E-04	1.00E-04	0.41332449	1.00E-04	0.15507585	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13781744	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88461576	1.00E-04	0.28338674	0.13046994	0.79237289	3.3411641	3.02387368
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.86072234	0.79637057	1.37194408	1.64613672	1.3355954	2.0015409	0.61083056
3.06803591	2.27801923	2.85282706	2.87155932	2.81092882	2.20106838	2.47448406
3.12194618	0.8358776	2.41059915	2.15534951	2.07817361	2.19728518	2.29158684
0.40505125	1.00E-04	0.47791358	0.36027095	0.16358717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45934129	1.00E-04	1.00E-04
2.35634519	0.96847026	1.60511025	1.42660634	0.76117983	1.94644908	2.68489513
0.94465816	1.00E-04	0.2653494	0.87439912	0.15290548	0.68203783	0.48671447
3.70316649	2.05450383	3.21337197	3.34421797	2.89750852	3.18352675	3.56412115
3.38069925	1.99490132	2.49013659	2.87710158	2.42731526	3.05395607	3.23334724
2.99992965	1.10480104	2.92847744	3.44061505	3.1211195	2.22116003	3.19972401
2.37979093	0.69779233	1.30841263	1.9998195	1.10583888	2.41691195	1.81857834
2.64877434	1.00E-04	2.39335876	3.11677126	2.72120292	0.9513318	2.69577006
2.67907361	1.00E-04	2.06140276	1.14415798	2.13900137	2.27670934	2.54156075
3.54557954	2.92517543	2.81781616	2.66380197	2.43808139	3.54086704	4.17273699
2.66901207	0.68407235	1.85688334	1.82351105	1.58751699	1.70885156	2.12769227
2.40036156	0.92068596	2.05087174	2.02666272	2.13100205	2.66888161	3.06276807
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61361123	1.00E-04	1.02905444	0.08974194	0.66690341	1.85027572	1.73785807
3.82865484	1.61248138	3.19992209	3.64926355	3.56690459	2.79493978	3.03579254
3.34148638	1.00E-04	1.00E-04	0.62762862	0.10702905	1.00E-04	2.46069478
3.87655793	1.00E-04	1.64004937	1.1289702	2.70479136	1.00E-04	2.79294417
5.8293883	3.07828387	2.00886856	1.54999362	0.62361226	1.00E-04	1.70080073
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02992119	1.00E-04	3.04508409	3.53358062	3.57445947	1.23758046	1.46692686
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22450226	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.4347726	2.74373354	3.57599259	3.72859488	4.25509218	4.47321558	4.28344325
0.79550119	1.00E-04	0.70813821	0.75330729	1.87876599	1.00E-04	1.00E-04
4.79791783	4.71996872	5.25247584	5.53545116	5.4917003	5.24172322	5.30104776
1.00E-04	1.00E-04	0.19432478	0.0824918	0.12233227	1.00E-04	1.00E-04
3.11385673	1.00E-04	2.85575792	2.94930538	2.83699009	2.86549911	3.31572207
1.97115385	1.00E-04	1.87981289	1.87335747	2.39649155	1.56010985	1.91556101
2.93665947	3.39847535	2.78238139	2.96943876	2.62593366	3.57270636	3.82204895
4.22100667	3.20546192	3.04289341	3.29763391	3.22017526	1.00E-04	2.30086146
4.87973272	2.66139098	3.16527761	3.22249964	4.00278667	4.4567288	4.50249052

0.38144365	1.00E-04	1.00562128	1.14808424	2.54812585	1.13698109	1.86161249
0.88426956	1.00E-04	1.1413959	1.00E-04	1.36402401	1.31104862	1.00E-04
0.0746918	1.00E-04	0.32991317	0.5180951	1.03569848	1.36493648	1.00E-04
1.00E-04	2.15983445	2.6290852	2.03301595	2.28673981	1.00E-04	1.00E-04
0.5653856	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2528596	1.00E-04	0.20719881	0.11868081	1.35280844	0.62567961	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.76494354	1.00E-04	0.5896957	1.62758564	1.978519	3.61850257	3.38124176
4.26146235	2.74448044	3.94323724	3.92022223	3.99190412	3.8348548	3.50096189
3.07454789	2.38365336	3.02297366	3.09350403	2.75439992	3.14016573	2.83643329
0.75468651	2.27801923	1.65341837	2.04075644	1.19207888	2.25932586	1.34083346
3.89106562	2.22201182	3.63712553	4.02194661	3.54836758	3.83668397	3.63369716
3.96292876	3.92736763	2.80737046	2.64716583	2.58683069	3.14976514	3.16406669
3.5944316	3.75748593	4.64883891	4.04475625	3.88189802	5.15385412	5.13609452
3.63205819	3.04370651	3.44175129	3.71627076	3.77699521	4.09560508	3.55791596
2.06426173	1.65163233	2.12946966	2.18577643	2.15555877	2.55139601	1.84421717
3.57111278	2.5630669	3.71361461	3.09999225	3.0709561	4.03753942	3.37929705
4.88604139	4.04426672	4.73126946	4.35663218	4.16121804	5.09095126	5.05439713
6.36488836	1.14583798	2.89286382	1.51782843	1.43849951	5.01510879	5.26095858
1.00E-04	1.00E-04	1.6693839	1.64984108	3.19632909	1.00E-04	1.00E-04
3.73514194	1.94269819	2.69086268	3.76528202	3.86443729	2.66075873	2.37613345
2.12637003	3.0351971	2.24486771	2.91985187	2.68616195	0.71661629	1.58256815
3.71527841	3.86139312	4.21070067	4.45203771	4.41579088	2.4355737	3.01045796
2.62274022	2.04494556	3.26239866	3.40514346	3.17878421	1.84267281	1.79745259
3.44637561	2.93769986	3.75262495	3.56751849	3.76467976	3.14888233	2.9751533
2.81924335	0.68407235	2.59928144	2.58435972	2.29880704	2.12999248	1.22714926
0.44020779	1.08649412	0.77579092	2.05685873	1.10129316	1.00E-04	1.00E-04
2.59162785	1.22609225	2.44411335	2.38924936	1.44621538	2.40544909	2.64897103
4.40490791	4.89478989	5.15927347	5.59440797	5.67193771	4.75690638	4.89658965
0.61820935	0.7902481	2.7681564	1.10139957	1.69837685	1.59213783	1.69186467
3.98106872	2.57461195	3.46187248	3.30083661	3.333298	3.8905264	4.08106505
3.49842254	2.07169033	2.8228339	2.71855368	3.04021296	3.33430993	3.72463703
1.76378224	3.17473603	1.42346103	2.31370348	2.25806984	1.65683347	1.77363211
3.91490997	3.66005958	4.64869593	3.88581079	4.217256	4.65775991	4.71581187
4.29181543	4.58316653	4.33927296	3.31272704	3.70878073	4.47863309	4.79708677
3.49266582	2.62764775	3.27945268	2.69227181	2.65092312	3.22789437	3.44887869
0.91454629	3.56923662	5.47000175	4.01872182	4.21923874	2.48633998	3.02904368
2.483161	1.2795411	2.52051829	2.71740566	2.13865252	1.00E-04	1.01331358
3.39454753	1.79774224	3.48274469	4.26732837	4.06950984	2.59146807	2.27890058
3.79693413	3.12129966	3.28844486	3.38107419	3.50492303	4.46518623	4.37148919
5.03352065	4.84714898	5.75355901	5.38118476	5.50634391	5.04475307	5.37554598
1.00E-04	1.00E-04	1.64457049	0.86656516	1.54506808	1.99880816	1.27708388
2.08595615	1.00E-04	2.2551304	1.02407051	1.51102251	1.22399854	1.40193227

5.26597348	3.73202865	4.32987093	3.98453951	3.82000355	5.33919365	5.14919067
1.02393954	1.00E-04	0.98165068	1.69271191	0.73677388	1.31757904	1.00E-04
3.38385825	3.3782611	2.81065238	1.9816825	2.48656029	2.81490856	2.41839433
3.09470869	3.54036345	4.31584605	3.85633536	3.76935688	4.71643906	5.09436574
2.97011071	1.17896398	2.78247557	2.2470168	1.96622611	3.0427102	3.11598025
3.42898156	0.87612072	2.03358901	1.99583207	2.60465851	3.38923491	3.07895159
4.21642577	2.56958624	3.01209244	2.99595464	2.8398946	4.16946641	4.65691524
4.95396967	3.61522387	4.53644288	4.21722407	4.4710414	5.42257993	5.56286957
3.15176685	1.73756916	3.60435235	2.54317713	2.40381898	3.06425271	3.75447873
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.588958	0.71640521	2.52772289	2.05761219	3.05178902	3.05427451	2.86759581
1.20713537	1.00E-04	0.58377027	0.17718584	0.26957011	1.00E-04	0.83430531
1.00E-04	1.00E-04	1.00E-04	0.10902669	1.00E-04	1.00E-04	1.00E-04
0.65195798	1.00E-04	0.52902579	0.30756448	0.6160431	1.60790215	0.98620672
1.00E-04	1.00E-04	0.06554964	1.00E-04	0.45183453	1.06582712	1.00E-04
1.00447332	1.00E-04	1.80305629	0.57412628	0.80934509	1.00E-04	1.74943378
5.05181977	3.69357465	4.57524595	4.20555223	4.61275192	5.77899483	6.08776304
5.13109885	1.98652666	3.96954969	3.62250559	3.90229634	5.34312303	5.38259427
5.49138743	4.01838812	4.99558833	4.46142014	4.53072926	5.88449691	5.79863632
3.44016576	2.02703506	4.44344754	2.37714388	3.40651371	2.46625273	4.38984468
4.3177898	1.751676	5.58162637	3.46680065	3.62903551	4.6291505	6.39163494
4.98935272	3.47013407	3.69216508	4.26957379	4.34842416	3.90888266	4.21897956
3.93086671	3.7226452	3.26253999	3.16711803	3.65023724	4.34543313	3.91181641
1.30341034	2.63585898	3.80869784	3.26575249	3.28176584	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.39268313	0.43655678	1.95170028	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.41230304	0.08952278	1.34485193	1.00E-04	1.00E-04
1.99544472	1.00E-04	1.43623211	1.27477232	2.80561506	1.00E-04	1.00E-04
1.00E-04	1.28620973	0.47743092	0.86879954	0.43660616	1.87761772	1.07063054
0.88022276	1.00E-04	1.11823858	0.92084398	0.75408435	1.00E-04	1.00E-04
4.52354976	3.25810904	3.83470975	4.05258981	4.2959813	4.1244331	3.44644111
4.59108631	3.54345882	4.8805767	5.36963983	5.42943536	3.21524311	4.60872733
3.56955126	1.93254877	3.24595538	3.07874415	2.6566549	3.68903578	4.35919172
3.25149727	1.16296659	2.53430127	3.25851126	3.11320454	3.03825706	2.63820764
2.49125485	1.00E-04	0.98811498	1.39345536	1.73136147	1.43054211	1.00E-04
1.00E-04	0.8358776	2.4627651	3.09487232	2.73140138	1.00E-04	1.00E-04
0.71070248	0.74506998	1.1452575	1.67112253	1.19199404	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12233227	1.00E-04	1.00E-04
0.19960612	1.53431803	2.22188293	1.83201878	2.32109815	1.18042507	0.316869
0.23535435	1.00E-04	0.48347491	0.11606138	0.29337778	1.00E-04	1.00E-04
1.29513733	1.00E-04	0.88105288	0.53821466	1.00E-04	0.96326844	2.12940301
1.05905359	0.71640521	0.11605641	1.65312962	0.62999436	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13729064	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.6738707	1.00E-04	0.7098855	0.75068676	0.91954913	1.00E-04	1.56426643
3.04172358	1.67941211	2.91403443	2.71716381	3.12439179	2.77994135	3.163317
3.78695849	3.31176084	3.75113828	3.23531474	3.4283017	4.63868372	4.83048551
2.03350257	2.66997646	3.82845159	3.42225422	3.69844975	4.11343674	4.75124277
1.00E-04	1.00E-04	1.68310806	1.18906203	2.8504565	1.00E-04	1.00E-04
4.49999999	3.07828387	2.39227041	2.00813874	2.15805757	2.62108673	2.74339955
0.43060091	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.79689672	1.00E-04	0.2138546	1.00E-04	0.09523547	1.00E-04	0.40038755
0.64114879	3.17819184	0.30333664	0.07008263	0.13098198	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36564944	1.00E-04	0.10142528	0.20640193	0.29585635	1.00E-04	1.00E-04
0.74767259	1.00E-04	0.16296876	0.11090815	0.50282951	1.00E-04	1.00E-04
3.71251388	2.28949761	3.39785194	2.95647964	3.36890055	4.14271819	4.28163617
3.99713208	3.15391056	3.8801776	3.40261591	3.56107007	4.37012251	4.10033674
1.00E-04	1.00E-04	0.4588451	0.46521907	0.20498582	1.4969682	0.48671447
2.34549235	2.65510632	2.56256167	2.28544575	2.04337502	2.32251292	3.11716893
0.56608258	2.35304039	2.67721383	2.21524822	1.61072624	1.00E-04	1.00E-04
4.88000467	4.02694158	4.36143981	4.32728229	4.61229152	4.80616281	5.16546143
3.00271054	2.72090464	3.02120694	2.65684298	2.91232736	2.75030627	3.5542474
1.00E-04	1.00E-04	0.12619197	1.00E-04	0.30223549	1.00E-04	1.00E-04
2.65802668	1.28472534	2.64461575	3.0836749	3.16650911	2.73617482	1.79952292
1.78657492	0.8339972	0.08765397	0.28437142	0.27063109	1.00E-04	1.00E-04
0.84606919	0.8358776	1.07401675	0.65178605	0.5280229	1.00E-04	1.00E-04
3.63928775	0.72877389	3.08295921	4.00214935	3.89535607	1.55651734	2.50134864
3.90071153	1.82218135	3.67103001	4.30353018	3.79042674	3.21739107	2.70533166
1.1202858	0.7902481	1.68784407	1.98865699	1.46150571	1.00E-04	1.00E-04
2.49755942	1.28352536	1.62521806	1.43427321	1.80271681	1.7696858	1.9468708
5.61615405	3.72026094	5.14689819	5.96058666	5.90392185	4.07962855	4.18486421
3.75906948	2.87359336	3.6313232	4.46202506	4.26572953	2.4012372	1.43073789
2.17807301	0.8339972	2.10441588	1.52785043	2.16378794	2.92074871	2.90990735
5.90540004	3.12855511	4.58776292	4.28270448	4.33153623	6.03829492	5.68303024
4.35993571	1.54471013	2.45515323	2.10837666	1.70599253	3.40352251	3.58423285
3.66823825	4.12698056	5.21914452	4.90005938	5.17109793	4.26491957	4.52040818
5.0735953	5.57212991	5.76933596	5.44968215	5.6173742	5.30090683	5.10597528
4.7395607	3.75390742	4.89212777	4.08848698	4.6714062	5.01926105	4.98698849
0.12636275	1.00E-04	0.12656229	1.00E-04	0.09523547	1.00E-04	2.34998936
4.27041188	3.5491833	4.86459204	3.71487792	4.08892008	4.46642692	4.8632126
1.75625441	1.28246279	2.19272674	2.34781308	1.96157583	1.68829381	2.50375926
0.67143136	1.00E-04	0.08383283	0.23289299	1.00E-04	1.00E-04	1.00E-04
2.02225394	1.00E-04	0.27697094	0.39940652	0.44459343	1.38951674	1.9474526
4.41605278	1.00E-04	2.41725745	3.36827342	3.02629158	2.72269759	2.7016558
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.03885984	2.7130053	3.27098848	3.54598368	3.17125599	4.75977598	4.89325452

2.56608787	1.00E-04	1.01258405	0.34443177	0.37198158	0.82693741	0.56264051
0.42482394	1.00E-04	0.13106543	0.17154006	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10897151	0.22777891	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07525628	0.93888593	0.28231602	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15882988	1.00E-04	1.00E-04
2.13980403	1.00E-04	2.02752859	2.0044384	0.70016397	1.00E-04	2.52509652
3.09097402	1.90945024	1.70865073	1.36423047	1.49456009	2.14023096	2.72869676
3.03555028	2.23641056	1.84403172	2.16008725	2.07322353	3.15263162	2.9315204
0.27611176	1.00E-04	0.16737891	0.15869424	1.00E-04	1.84638593	1.00E-04
0.99867088	1.00E-04	0.58449358	0.17154006	1.00E-04	1.00E-04	1.00E-04
1.83580394	1.00E-04	0.68584364	0.36494811	0.64321557	1.11641065	1.00E-04
0.97028858	1.00E-04	1.00E-04	0.21097814	0.3973058	1.24466514	1.00E-04
4.50446154	1.4732082	1.55221882	3.23368634	2.47662642	3.88547421	3.40713925
1.86063334	0.74506998	1.6840747	1.43629206	0.76674884	0.86319656	2.44611265
0.67814785	1.00E-04	1.00E-04	0.91300072	0.11746998	1.00E-04	1.00E-04
1.00E-04	0.7902481	0.57046074	0.92453865	0.50170977	1.00E-04	1.03441279
5.37039642	3.33223889	4.43056911	3.77341394	3.76969093	5.38444488	5.61642756
5.58139464	4.13604224	4.66782868	4.06071399	3.81669678	5.79968693	5.7340074
4.99278249	3.28637171	3.59949348	3.2698982	3.61983135	4.63936456	4.77891912
2.10077266	1.00E-04	0.75937759	0.31881437	1.64882087	0.94371668	2.06477119
0.06765176	1.00E-04	1.00E-04	1.00E-04	1.16594952	1.00E-04	1.00E-04
4.1475145	3.59466967	4.40870505	3.93763381	4.1268249	4.5873883	4.66598376
2.38382036	3.65854071	4.37351591	4.24447323	4.2727681	1.98522166	1.139499
2.32540352	3.1648402	3.14955055	3.05853806	3.01836589	0.84473467	2.33873347
0.24761102	1.00E-04	1.00E-04	1.00E-04	0.33906679	1.00E-04	1.00E-04
4.57886908	4.07635457	4.87664474	4.35172655	4.38904735	5.22959699	5.140157
0.16999556	1.00E-04	2.2247653	1.73820026	2.63645163	2.3257849	2.3287501
3.72569657	2.72940657	4.04106609	4.02684239	3.86536552	3.24618416	3.17784065
1.22747779	2.26017584	2.941425	2.89299304	2.82723095	1.00E-04	2.01191309
3.98479021	3.45725936	3.38847683	3.1373828	3.25757172	4.16541717	4.04414851
4.69599552	3.25118234	4.26486932	3.84597787	3.92143623	5.0826246	4.84588188
1.96291317	0.74506998	1.83635615	2.19829883	2.86510158	2.31805336	1.10337756
3.21312576	0.8358776	2.30509332	2.85985599	3.05470244	2.88544341	2.90826382
1.91752992	1.00E-04	1.76255683	1.2195801	1.65784268	1.00E-04	1.00E-04
1.00E-04	0.69779233	0.15893565	0.54441916	1.43793263	1.10522239	0.7214142
3.78336424	3.45841198	3.35904296	3.02591485	2.82672335	3.65497582	3.13749677
2.61773431	1.10823044	2.98551398	3.35598091	2.94623321	2.54029631	1.37420626
4.08432196	1.88383491	2.75765974	2.92318171	2.7675297	1.35773309	1.3244984
0.375354	1.00E-04	1.16113855	1.36744736	1.19314659	1.00E-04	1.00E-04
5.6027145	4.51788285	5.05214965	5.72005124	5.43660589	5.08305204	4.68294857
3.64448087	3.21449694	3.75934745	3.79503313	3.96873743	3.74897356	3.48430427
1.26793974	2.72090464	2.08983432	2.35433033	2.67482841	1.19321377	0.40038755
3.10788809	1.87241012	3.00504826	2.9177642	2.90729069	2.93083722	2.16579292

1.00E-04	1.00E-04	0.22743231	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.47248217	2.66703385	3.36048058	3.29488175	3.622845	3.23864683	3.12098009
4.05995145	0.79637057	3.52547567	2.94396514	3.47565137	4.12292546	3.72676164
0.50523522	1.00E-04	0.08292731	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.66510676	2.56811167	4.4773535	4.95206037	4.57875145	4.20151985	3.69892266
3.59408824	2.50895706	3.78481972	3.84913609	4.22631078	2.8974507	3.13215709
3.65341925	4.26803244	4.55334777	5.44867991	5.16635113	3.87673838	3.20661284
2.87260385	1.00E-04	2.04997433	2.40778292	2.57481261	2.05232292	1.54844631
0.9962056	2.64022876	2.73622952	3.05687726	2.5881873	0.83873894	1.61123147
3.84614402	2.8757186	4.20825999	3.27009766	3.63901653	3.44357814	4.00344298
3.69211314	1.53104107	2.89629828	3.13899291	2.82829634	3.37789619	3.78446432
1.03165039	1.00E-04	1.40188362	2.26625561	1.24704043	1.00E-04	0.316869
1.96283341	2.01295143	2.31433654	2.74684228	3.10987644	0.82884172	0.97522957
4.38595684	3.90491299	4.179306	4.83850146	4.69484179	3.67981382	3.95523795
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27376988	0.08961591	0.10372144	1.00E-04	1.40124383
1.00E-04	1.18919506	2.51929133	2.56347311	2.72200216	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21826317	1.00E-04	1.00E-04	1.00E-04	0.98620672
1.49067706	3.67052295	4.69463024	3.63559102	3.83715435	0.94908439	1.82432828
1.79405098	1.00E-04	2.63360215	3.22837485	2.66552156	1.00E-04	1.00E-04
3.84558885	1.18919506	3.19265146	3.28005676	3.43886908	2.84692602	3.00901221
4.76416626	4.23952874	4.27676017	4.7365434	4.7580499	4.4122656	4.11327403
0.1343207	1.00E-04	0.35307873	0.27179715	0.25409788	0.72869785	1.00E-04
6.35157783	4.89391323	5.87245738	6.02284864	5.94006386	6.12176112	6.05319545
5.10520632	4.16904195	4.7017213	4.99578641	4.75971964	4.75861581	4.61739264
4.39197473	3.16063332	4.20189541	4.60847547	4.41474042	3.76082461	3.63345135
5.74495982	4.31366319	5.10449146	5.19002931	5.08545796	5.79306183	5.73777658
5.21002552	3.34036151	4.53107609	4.38765674	4.59353891	5.09537066	5.22450151
5.00057949	4.06053327	4.73132309	4.63117197	4.94275482	4.61399684	4.45449907
5.37633977	3.30960039	5.23614658	5.39563446	5.368328	4.83947803	4.73176492
5.24114101	3.55352903	4.58685459	4.26020345	4.46769385	5.21942527	5.41836298
2.97220112	1.47996903	2.97139547	3.28939135	2.80429307	3.39102645	3.1667174
4.77187497	3.48307486	4.358689	4.30652569	4.42190197	4.5782356	4.98225956
5.23803705	4.12311257	5.01153985	5.35908072	5.35179391	4.74690554	4.64998689
4.32363095	3.63843779	4.0599261	3.97235146	3.89549014	4.3183421	3.95780975
3.93001132	3.65502806	4.21325573	4.04729976	3.97113583	3.59942358	4.29754386
4.81314606	4.11479912	5.08944091	4.92647926	5.05866937	5.01467619	4.89377555
4.72837612	2.38555987	3.98936669	4.36319151	4.19647392	4.31964555	4.62821862
5.65383178	4.9274826	5.32887169	5.3741962	5.20414098	5.48483298	5.40910915
4.5972773	3.68697564	4.13151156	4.00641687	4.3531781	4.68831637	4.99808876
3.71658237	2.76651959	3.58568316	3.39427089	3.8249324	3.16501488	3.52557614
0.15996567	1.00E-04	1.3469113	1.26522232	1.58722201	1.00E-04	1.00E-04
2.73033359	1.66804193	3.21675041	2.65727902	2.63082392	1.39232533	3.02027543

3.84438594	3.74420543	4.45098707	3.83050617	3.91819577	3.33438499	3.18876913
2.04175314	1.2795411	1.83879589	1.34993593	1.33432252	0.72869785	0.41275046
2.24682565	1.94834898	2.73875747	2.7269479	2.67231969	0.94543129	1.53078418
1.90464098	2.99811226	3.69376094	3.95915551	3.91536691	2.6539218	2.47632225
1.7533483	1.00E-04	2.82575466	2.26937776	2.11042803	1.00E-04	1.00E-04
5.17493618	3.87438279	4.30393245	4.01930634	3.99052212	5.13377047	5.48452131
2.85098493	2.40332037	2.85289108	4.55575964	4.96538282	3.62675963	4.09718787
1.30312151	1.00E-04	0.49183782	0.09393249	0.19713371	1.66181256	1.00E-04
0.60104248	0.72877389	1.46747061	0.66571423	0.80183557	0.71661629	0.83430531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1066364	0.2038684	0.30202663	1.00E-04	1.00E-04
0.2342465	1.00E-04	0.34930899	0.28597704	0.44175283	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10054642	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11897115	0.08952278	0.15653713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08961241	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.50038505	1.56846897	2.21567538	1.44233889	1.00E-04	1.00E-04
1.00E-04	0.72877389	0.42183222	0.40099362	0.30858025	1.00E-04	0.56264051
1.07062485	1.00E-04	0.71774973	0.18410656	0.14152107	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05565143	1.00E-04	0.20803056	0.50966481	0.87867859	1.00E-04	1.00E-04
2.23730747	1.00E-04	0.28092205	0.0824918	1.90763035	1.00E-04	1.00E-04
1.37406766	1.48182271	0.91602403	0.92465894	1.01865797	1.00E-04	1.00E-04
0.95665885	1.27635397	1.02512624	0.93805107	0.46908815	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.31087762	1.73190652	1.43141891	1.00E-04	1.00E-04
5.00615159	4.116767	4.27737131	4.14151277	4.51308504	4.98377516	4.80642508
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.01385466	2.23305877	3.85029823	3.89530778	3.98836321	5.39341129	4.96996587
1.00E-04	1.00E-04	0.11195561	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39027138	1.00E-04	0.18597881	0.72199242	0.94470299	1.00E-04	1.44646068
0.24340868	1.00E-04	0.49671211	0.26052492	0.09759627	1.00E-04	1.00E-04
1.52902172	0.8358776	1.50850184	1.3685289	2.05574546	1.00E-04	3.03049319
2.89024592	1.00E-04	0.41464981	0.16753828	0.43370554	1.00760463	1.83369216
0.10913195	1.23005604	2.29164521	1.84403595	2.19810259	1.21464768	1.63421663
3.33304596	1.21780923	3.18738776	3.55255889	3.08118298	1.86873061	2.85880132
3.47869802	1.13651828	2.65466455	2.42829855	2.48369136	2.84238418	2.70068095
4.94198153	2.20563265	2.539565	2.71852736	2.60501807	3.86665801	4.27752648
3.35517482	2.40371213	3.04050651	2.42297778	2.70614592	2.45256586	3.15609427
4.13946252	3.75057659	3.46740775	3.43180977	3.65089799	3.37074164	3.51192766
1.80827023	1.1971089	1.41893482	1.29737341	1.39077739	1.00E-04	0.40038755
2.6153845	1.00E-04	2.17802276	2.37887029	2.37701647	3.33589074	2.4181175

0.42445607	1.00E-04	0.81792929	0.803501	0.53409037	0.68203783	1.52706253
0.23127729	1.00E-04	0.13322017	1.00E-04	0.09565186	0.96274275	1.00E-04
0.35886391	1.00E-04	1.00E-04	1.00E-04	0.67902093	1.00E-04	1.00E-04
2.63570916	1.19880434	3.02807158	3.68838447	3.17045811	1.00E-04	2.17641075
0.45451235	1.00E-04	0.13339449	1.00E-04	0.45183453	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.70103525	3.63145811	4.56475291	3.98433817	4.24114539	1.00E-04	1.24109234
3.32409738	1.00E-04	0.26579439	1.00E-04	0.12694344	0.95637875	1.48223447
0.17050085	1.00E-04	1.37679807	0.23907159	0.59192706	0.89773968	1.77082715
2.0270099	1.00E-04	0.07348386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25705634	2.19836746	2.69035044	2.36551732	2.58073431	1.00E-04	1.61026004
4.99632263	4.15938845	4.45726636	3.96750903	4.09690724	4.65903356	4.9903325
3.64924553	1.40512958	3.48396325	2.80245492	3.14143235	1.00E-04	1.14079762
1.00E-04	1.00E-04	0.16064588	0.79512431	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.09568947	2.24570673	1.19472734	1.44165584	1.00E-04	1.00E-04
1.68956355	1.00E-04	0.4067859	0.06796023	0.29337778	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11567939	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.2269695	0.51210604	0.57733107	0.12748672	1.00E-04	1.00E-04
2.16106434	1.87830581	2.72660317	2.62725383	2.83180823	3.64495312	3.36375188
1.00E-04	1.00E-04	0.81127341	0.09731771	1.00E-04	1.00E-04	0.35134699
1.00E-04	1.00E-04	0.10473028	0.3926246	0.3221751	1.00E-04	0.46517855
3.96841814	4.2155509	5.17220408	5.77920592	5.9413904	1.83205395	3.41241565
3.00850108	0.87456952	2.60350755	3.40713494	3.00507375	2.43728141	2.21855681
3.73852699	0.79637057	2.97427496	3.24981263	3.24549856	2.64612448	2.96766277
0.14419038	1.00E-04	0.31421031	1.00E-04	0.13992338	1.00E-04	1.00E-04
2.15645617	2.75513444	3.69098108	3.59591927	3.67924365	2.12617374	2.55831558
1.06503608	1.00E-04	1.34864103	0.52912847	1.00203267	0.96326844	1.00E-04
1.55458632	1.00E-04	1.26201355	0.80082658	1.17621069	1.33205051	1.99060548
3.43025404	1.88532537	3.23646944	4.14366838	3.63722961	2.07535085	1.53825097
4.04750368	3.60708465	3.95173827	3.99831672	4.21012807	3.77394557	4.37161099
4.15965161	3.08121182	4.0381107	3.89750445	3.82324056	4.2524234	3.65706228
0.17385489	0.68407235	1.11312549	0.31458813	0.99486556	1.15464519	1.53496692
0.98144848	1.00E-04	1.36438586	2.30313783	1.86180354	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40533548	0.15903128	0.24705339	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17469733	1.00E-04	0.13718086	1.00E-04	0.46517855
4.33136327	3.65830619	4.01434828	3.99205988	3.89800001	3.56813895	3.62817623
3.21230625	2.49047524	2.22021916	2.43646815	2.16270485	2.90773874	2.52503876
1.8571505	1.52545904	1.9490483	3.06968131	2.87195178	1.00E-04	1.30283538
1.00E-04	1.00E-04	0.4224259	0.17673925	0.47362975	1.00E-04	1.00E-04
2.38666613	0.7902481	1.77412107	2.06793643	2.58928408	1.57253247	2.21821702
2.97082424	2.02992494	2.96722015	3.43376506	2.95732555	2.87548652	3.40791527
3.67295407	2.5081157	4.11398941	4.22053858	4.04053265	4.06812526	3.94262714

2.60059793	1.94965032	3.03156457	3.15520806	2.92723393	3.78243203	3.26141406
0.91577135	1.00E-04	1.28219235	1.57761849	1.41287328	1.71158655	1.07127105
0.70583289	1.2795411	0.11780573	0.12279371	0.10452963	1.00E-04	1.00E-04
1.98323745	2.9438747	2.93851619	2.39203559	2.76993484	1.42952649	0.92200987
0.46354193	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.8280017	2.06314762	3.92647402	2.59571677	3.59200625	3.30965814	4.0170346
5.98450451	6.59172724	7.62923599	8.04196155	7.92281	5.50321019	5.99598917
6.35060694	5.64489596	6.67188624	7.01726006	6.80229457	5.76088758	6.01065594
5.31299474	5.16972392	5.59008951	5.83338	5.70497538	4.17234144	4.4760607
1.58522962	4.22232645	5.15412356	4.50087658	4.3683082	1.48634524	1.00E-04
1.00E-04	1.00E-04	0.0910208	1.00E-04	0.45934129	1.00E-04	1.00E-04
2.06454237	0.68407235	0.76493348	1.53713138	0.36664872	1.75117173	2.41082598
3.7428978	2.30772172	3.22227279	3.24005111	3.22435338	3.30320975	3.62429406
2.73760271	3.63059629	5.17695637	5.70707612	4.81937746	2.22040802	3.21080928
0.73519792	1.00E-04	0.74149394	0.86783132	1.53404406	1.50109129	1.80743526
4.74156165	3.99232552	4.72979188	4.36825594	4.39208483	4.33848924	4.47626483
1.12501174	2.18512795	4.00068988	3.94148506	3.46031874	2.78164855	1.21721335
4.60907265	4.27538655	4.97915769	4.99172282	5.08105813	4.91251649	4.69187354
0.51750356	1.00E-04	0.45372444	0.2631573	0.19544878	1.00E-04	1.00E-04
5.72929603	5.38205607	6.26563376	6.80636075	6.65797186	4.85510613	5.04357028
4.28238523	3.6787527	4.40106099	4.05055502	4.3245039	4.58415565	4.74064466
0.94130576	2.45243356	4.11544108	4.46807036	4.41654359	1.00E-04	1.12396442
3.31721239	3.1329109	4.02322672	4.93510089	4.87282845	2.45627472	2.63689598
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10142528	0.10695841	0.15290548	1.00E-04	1.00E-04
0.04764841	1.00E-04	0.23640686	1.00E-04	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.21191073	1.3386578	3.02126126	2.75675276	3.25737502	2.65454144	3.05930999
2.55404356	3.60121487	3.90864618	4.0059865	4.3380748	2.40448557	2.29348214
4.40465428	3.75390057	4.67200297	4.71936107	4.60882378	4.24913169	4.07992245
4.68739908	2.20851083	4.78700292	5.4532807	5.15613856	2.60024176	3.26144834
0.0746918	2.57210876	3.38824534	2.59618777	2.32528653	1.00E-04	1.00E-04
4.23025993	5.73638439	6.14091985	6.01449783	5.67326943	4.01818891	4.71680009
2.52397538	2.02441159	2.79854191	3.49654029	3.60942966	2.66707761	2.21635698
3.01537163	3.40211802	3.6698531	3.73553145	3.86152831	3.38796029	2.78807986
0.79087407	1.00E-04	0.08746931	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.39249381	1.00E-04	0.0910208	0.64131928	1.75350109	2.68117005	3.37988948
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37295273	1.10522239	1.00E-04
0.93906429	1.00E-04	1.21301324	1.00E-04	0.32216892	1.00662024	1.46279538
0.20129929	1.00E-04	0.06844824	1.00E-04	0.16978193	0.74564767	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76006386	1.00E-04	1.00E-04	0.15219862	0.11078928	1.00E-04	1.00E-04

0.6976728	0.74506998	1.90041565	1.14707604	1.13597758	1.00E-04	1.21725735
0.63793772	1.00E-04	0.26073263	0.43012779	0.60283535	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32687747	0.13088155	0.12945	1.00E-04	1.00E-04
1.63051549	1.00E-04	1.74325389	1.82616353	0.74412983	1.00E-04	1.00E-04
0.96907773	1.00E-04	0.55779267	0.60141465	1.32358009	1.00E-04	1.00E-04
3.0015081	1.82594588	1.76916298	3.07303921	2.64293377	1.54269483	2.78720064
3.33855503	0.7902481	1.87172159	1.44820666	1.37849441	3.54285562	3.49400631
4.6114869	3.41649493	4.42548325	4.17347092	4.16742534	4.91657834	5.11386598
1.00E-04	2.46923411	3.72690821	3.29316457	3.29818833	1.24135441	1.46905729
2.10894404	1.00E-04	1.13483251	1.6186689	2.43197051	2.71348577	2.55046842
0.44430533	0.68407235	0.62729311	0.17490459	0.33131904	1.00E-04	1.00E-04
5.41682324	4.531129	4.67995624	4.36120811	4.55789345	5.59419693	5.67915556
5.09819183	3.68096061	3.26476637	3.79028738	3.75056913	1.97245613	2.75692695
0.09976055	1.00E-04	0.27497609	0.10561401	0.5144285	1.00E-04	1.00E-04
1.3977697	0.68407235	1.54923718	1.90959373	1.54284202	1.00E-04	0.316869
0.75842979	1.00E-04	0.39247064	0.67586344	1.07526113	1.00E-04	1.09929142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64243463	6.63403395	7.432528	6.78794292	6.76680075	1.40712758	2.86351421
3.87838336	1.14149454	3.37110199	4.05963386	3.65171716	3.03730936	2.88025837
1.35871248	1.00E-04	0.90666455	0.33545561	0.37050385	1.00E-04	1.00E-04
1.78112209	1.00E-04	1.29931277	1.90057317	1.54631171	1.38927927	1.33548513
2.66793035	2.28007565	2.53258738	2.24086459	2.67157997	3.15711201	2.93083738
3.77917615	2.35905098	4.18560105	5.04716357	4.91386192	2.29999233	2.0894979
3.02094573	1.81316607	2.94660082	3.7354095	3.33347424	2.91558293	2.37362273
1.00E-04	1.00E-04	1.00E-04	0.10843982	0.21894683	1.00E-04	1.00E-04
4.274886	3.08236366	3.94040655	3.54806953	3.51222577	5.11220276	5.21328428
3.71540986	2.90577553	3.89008889	3.89821156	3.85992012	3.80435609	4.04629327
1.38176313	1.00E-04	0.43779586	0.85170182	0.09814195	0.94543129	1.90112667
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.4177808	3.04961116	4.35190569	4.0513173	4.18291516	4.25648906	4.29606559
2.37187582	3.48838732	4.36190709	3.97280725	3.95667863	0.79838122	1.74940037
2.6361492	2.35926113	3.29247861	2.64090281	3.26138755	0.46029024	2.24564553
2.69880583	1.17452218	3.16730168	2.74854642	1.30595052	1.92171429	1.26691255
3.01079955	1.2795411	1.45577349	1.81758419	2.49555438	3.8172105	3.69983954
3.76992831	0.71640521	2.39151551	2.48274337	2.09772885	2.58375714	3.0424612
1.51505047	1.00E-04	1.32020816	0.74758961	1.59868546	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.87062733	0.19171724	1.00E-04	0.81755274	1.00E-04
4.13699427	3.4897189	3.94369927	3.27055903	3.47588873	4.27417135	4.67624354
3.74308478	1.45110418	3.2690327	2.53990334	2.94464168	3.27313432	3.5027698
2.4531292	2.54755826	3.59671494	3.33026764	3.10279775	2.96872245	3.28585159
2.40036457	2.90781178	4.19072253	4.52782171	4.41426097	1.43294419	0.72495184
1.23202666	2.91856331	1.19419834	1.13610516	0.9029397	3.43168108	3.50114044
3.26815666	1.52102673	1.51356807	1.64480274	1.71538086	1.00E-04	2.52536253

0.27293106	0.87456952	1.48612873	2.2557741	2.35462337	1.00E-04	1.00E-04
3.6966052	2.92107241	3.4034326	4.17160348	4.30138602	4.84674565	5.11454467
4.68298596	1.00E-04	1.32750503	2.07942917	1.36427972	1.00E-04	1.14061365
1.00E-04	0.87612072	1.89096734	2.1840041	1.9384124	1.00E-04	1.00E-04
4.17255982	3.33346635	4.13327606	3.70293367	3.92888422	4.46915184	4.25819448
3.46879985	4.80088813	4.4323379	4.73826134	4.83402472	3.19304268	3.14090363
4.22260436	3.39421846	2.94460694	3.63242255	3.88220646	3.01561201	2.79130746
3.19522901	2.15301667	3.06428733	3.07575342	2.60375076	3.06673781	3.09397396
2.97897574	0.87612072	2.33323961	2.74010507	2.97556903	0.77057821	2.38384675
3.19329001	1.99878076	2.60679178	3.52357612	3.59588527	0.89799762	1.63338794
3.59320841	2.9438747	3.3500454	3.39479911	3.58502274	3.41467935	3.02752982
2.99537561	1.00E-04	1.840579	1.67995613	2.27653438	3.10723123	2.59098295
1.06365368	1.00E-04	3.25135655	3.72078027	1.90580124	1.00E-04	2.53133397
0.72636475	2.07074511	3.25712411	2.65143657	1.48915714	1.00E-04	0.98620672
4.24456647	4.17348858	4.94251439	4.70361981	4.78329728	3.31739729	3.69633818
2.02353607	1.28352536	1.67224329	1.82840866	1.91229968	1.63173507	1.58043603
4.96784879	4.03194482	4.25488428	4.59230914	4.39030836	4.45340271	3.47535343
0.48299389	2.06992479	2.25257016	2.41005471	0.80923097	0.83873894	2.17232889
3.881177	0.8358776	2.72914314	3.75479946	2.95338064	3.16609443	2.80650027
3.3149478	1.19880434	2.52477032	2.4412727	2.83834646	2.45217845	2.29656989
1.69954635	2.72090464	2.94092028	3.31087503	2.86075849	1.61188878	1.75778009
3.23249659	0.72877389	1.62637221	2.45251404	1.85987055	3.44402771	3.63212096
3.03106927	3.46429157	3.97390287	3.48279893	3.18077391	4.60602816	4.02932948
5.93329174	3.08348865	5.36690277	4.61078092	4.77014597	5.30938683	5.87136202
3.48206261	3.38591065	6.86220943	4.59865165	4.65293462	1.00E-04	4.39731643
4.94964074	4.08884028	4.89867157	5.90392649	5.6510602	3.72091778	3.70443296
6.03249689	3.78773172	4.58008944	5.32792564	5.16410921	2.41988289	3.65328753
3.52802884	1.71539206	3.62345982	3.04092966	2.88760181	3.02182924	3.70676039
1.9446187	1.52102673	4.46508822	3.12179098	3.54960127	2.45739095	4.18189268
1.84458809	1.2795411	3.79735383	2.02821817	3.24434889	1.00E-04	3.72171498
4.70933357	3.88276995	7.54025467	5.5683731	6.20716952	3.33626059	5.87472607
2.98678754	2.91504517	4.28622914	2.80045625	2.70009962	3.59859862	4.27972265
2.16158136	2.17304217	5.61457826	3.48866063	3.84138229	1.67631025	3.67022803
2.77367102	2.97024014	5.04294067	2.20166398	2.90060077	2.15890334	3.92884701
2.97973304	0.68407235	5.09086369	2.88098152	3.86085309	2.40042821	3.97390755
2.30246345	1.00E-04	2.91103195	1.09589654	2.2579479	2.0994983	3.13779246
2.29528919	1.2795411	2.82522374	2.34943344	1.811557	1.47791126	0.75069325
4.64003458	2.76116258	3.82569878	4.15549384	4.18336993	3.77015015	3.65384039
4.57834646	3.69948826	3.63512962	3.73468712	3.60249146	4.30569103	4.34276829
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96847026	1.40053808	1.58112083	1.37633116	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.53035975	1.00E-04	0.14148046	1.24245757	1.75834444
4.3783244	3.05491704	3.97829857	3.90493381	4.29268873	3.54372271	3.58681889

4.75855018	3.90937714	3.89313123	4.21422653	3.97278226	3.5118778	3.36196235
0.17124941	1.00E-04	1.00E-04	0.21760272	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07819003	0.33935217	1.00E-04	1.00E-04	1.00E-04
3.41072897	2.43185377	3.63573281	3.43489526	3.40924114	2.90050056	2.85874034
3.92531336	2.72306745	3.69917189	3.41673374	3.82993474	3.84222162	4.41659852
2.13159426	1.3106013	1.99796356	2.1366361	2.50925819	1.2925039	1.6021954
2.75537	3.67778269	4.76609151	4.16705162	4.21228661	2.78306458	2.68060074
2.60231484	3.61034596	4.82815345	4.34383647	4.3640299	2.94801361	2.62976246
2.8467796	1.85750211	3.61999013	4.10234515	4.28744913	0.92751185	2.53201669
0.91890681	3.31226229	4.48754161	5.10963067	5.01099854	1.00E-04	1.22245167
1.19485901	3.908503	4.77999689	5.14305063	5.13058118	1.00E-04	1.37898166
2.88359127	3.4314824	4.62495981	4.57971484	4.45355051	2.41254341	2.31684895
2.24357405	2.64720698	4.19294799	4.39679995	4.46306086	1.64448151	2.45606309
3.67688894	3.72881067	4.00399321	3.74557507	3.9886389	3.05250817	3.40928768
4.08952205	3.89953616	4.76986104	4.63603959	4.60535547	2.59067656	2.61619447
3.13313535	4.60791907	5.39769022	5.46086361	5.37271771	3.82720499	3.31925051
4.15374166	4.47423847	5.27151511	4.7640426	4.83904315	4.03471815	4.482977
2.42184021	4.65830905	5.26609729	4.85690859	4.94819383	1.22399854	1.60383531
4.22176333	4.67753481	5.45844235	4.96089806	4.92559808	4.27359367	4.53927748
4.24721027	2.00340433	3.65842711	4.28137017	4.06625985	3.20357494	3.73503325
0.34852092	0.71640521	0.21915289	0.1319726	0.39238423	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.51312108	1.3852385	2.67680171	1.00E-04	1.00E-04
3.19467648	3.6454782	3.71792733	3.04711068	2.83126082	1.00662024	2.64413316
3.39139838	4.666877	5.2342898	4.69208821	4.49240202	4.32163256	3.63484345
1.00E-04	1.00E-04	0.19700177	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.33386137	1.37370128	1.99000099	2.84622248	1.00E-04	1.27747878
1.78717532	4.48090598	5.5590787	4.86734149	4.71163444	2.21137883	2.92830908
3.44821287	1.00E-04	1.65614547	1.22290775	1.05469991	1.99310113	2.04346158
4.01797813	4.23242639	4.6663427	4.41684914	4.66618296	4.08317893	4.60368503
1.00E-04	1.00E-04	0.2271939	0.30638267	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.14582341	0.29278684	1.18020162	1.00E-04	1.00E-04
1.00E-04	0.87612072	2.76542219	3.39198174	3.51061888	1.24245757	1.00E-04
0.24473563	2.31791432	2.74848802	2.71387885	3.12951674	1.00E-04	1.00E-04
1.63285638	1.00E-04	1.54526637	1.78145972	2.26103043	1.19321377	1.1474645
2.48659291	3.69381454	5.64601678	5.49354315	5.12995195	1.00E-04	1.96906404
1.1363045	1.00E-04	0.0691919	1.00E-04	0.127027	1.26260391	1.01208735
3.00040091	1.00E-04	0.73669073	0.76735543	0.58015337	2.11690619	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.39494077	2.08123412	1.18371736	1.00E-04
1.00E-04	0.8339972	1.73943163	1.62621772	0.79150461	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22450226	1.00E-04	1.30946404	1.07813885	1.10604694	1.00E-04	1.00E-04
4.35303353	0.72877389	2.16122756	2.63769253	2.70775757	2.99547099	3.07911223
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.18478311	1.19051366	2.88023673	2.5033652	2.53798857	2.7922106	3.50172041
1.00E-04	1.00E-04	1.20436007	1.76642565	1.90039989	1.00E-04	2.04357066
0.21280737	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85631079
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11998372	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96847026	1.55767109	0.69536545	0.80532728	1.00E-04	1.00E-04
0.19059588	0.68407235	1.00E-04	0.171335	0.34674435	1.00E-04	1.00E-04
1.47044405	0.72877389	1.63391781	1.57839826	2.17185255	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17195968	1.00E-04	0.28777251	1.00E-04	1.00E-04
0.16999556	1.2795411	1.43221907	0.54867671	0.25052605	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.58470899	2.31428725	3.42363483	4.25040867	4.23034128	1.21290128	3.15057585
2.64375274	1.71454874	2.4592873	2.72553831	2.88477548	1.00E-04	1.15143995
0.21163578	1.50755615	3.20875009	2.57776938	2.41125255	1.00E-04	1.00E-04
1.00E-04	0.79637057	1.24893273	1.1118229	1.38299049	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.44507143	0.20412453	1.00E-04	1.00E-04
4.45428593	3.53263427	4.72945003	4.97231223	4.71796858	3.91606403	4.17162266
4.04383945	1.85794028	3.04280853	3.65034642	3.75295363	3.1978985	3.56575748
4.67634699	3.49826701	3.89260501	3.57344542	3.68530589	4.31120971	4.38616306
3.28254668	1.00E-04	2.60981252	2.25904312	2.19343584	3.40932586	3.13931151
3.87836639	2.90152905	2.7668268	2.75547375	3.19057897	3.84619384	3.47367758
6.31364331	4.16388688	4.01517487	3.90300801	4.26851304	6.94073167	6.81045374
3.65906442	4.71653765	5.5637277	5.04323667	5.07702873	6.32711268	6.12824494
5.88830486	1.00E-04	2.68219731	2.11846755	2.50604637	4.72093083	5.22857192
2.0565479	1.63330261	2.95449548	2.756277	2.53634355	1.00E-04	1.1474645
3.46533055	2.38230826	2.74819505	2.87253206	2.2769844	3.44412871	2.96055365
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.96728415	1.00E-04	1.88789907	1.77555418	1.87907465	3.54767381	3.76223686
5.05596114	2.81372525	4.07606423	4.53545935	4.43690714	4.30415581	4.53789183
0.17618397	1.00E-04	0.41143841	1.47151057	0.24194431	1.58630913	1.00E-04
0.88910217	1.00E-04	1.83407072	1.05665309	1.31764146	2.23128391	2.70953243
1.00E-04	1.00E-04	0.16957502	1.00E-04	0.11078928	1.00E-04	1.00E-04
2.28048805	0.72877389	0.3072566	0.58805584	0.7925906	3.62855585	4.14926192
2.79615004	1.00E-04	2.18784617	1.79237388	2.05325718	5.07732212	5.6628118
1.00E-04	1.00E-04	1.00E-04	0.22807977	0.12748672	0.62567961	1.00E-04
3.11609047	3.50284766	4.15114287	4.34576711	4.4537379	2.4872811	2.37290392
0.20325015	0.74506998	1.9484827	2.90452989	1.67676315	1.00E-04	1.54391513
2.44408841	1.39535389	3.20960348	2.45778509	2.49847763	3.20901645	3.42936081
3.81857314	4.07653451	2.91768904	2.79524321	3.05884075	2.77873736	2.9590672
3.65725795	1.00E-04	1.15293761	0.78852608	1.36327703	3.12313771	2.73912647
0.23853443	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25044987	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.57438605	2.55222281	3.49902324	3.16526751	3.06437089	1.99996718	2.22112136

0.89157769	1.00E-04	1.00E-04	1.00E-04	0.60436962	1.00E-04	1.00E-04
3.42513923	1.4339196	1.90371017	1.94684583	2.05426484	3.54293624	2.9067581
0.79087407	1.00E-04	0.16495653	0.0822006	1.7724585	1.00E-04	1.00E-04
0.88204387	1.19051366	2.44225227	2.12685887	1.86914602	0.84497321	0.91635708
0.61454179	1.96785254	2.88241025	2.24166597	2.41321368	1.00E-04	0.40038755
0.53095861	1.63330261	1.65307881	1.14955843	0.84221767	1.56053716	1.42123932
0.16819726	1.00E-04	0.12466471	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10892537	2.13830797	2.6045644	2.95040652	2.76063252	2.28801283	3.01608345
1.99712748	1.00E-04	2.05604073	1.77997939	1.20302099	2.10602352	2.42013062
2.67998228	1.00E-04	1.35397216	1.26381115	0.66544651	4.25021684	4.44754341
0.258347	1.00E-04	0.31872623	1.00E-04	0.30177681	3.78586504	3.79385617
1.00E-04	1.00E-04	0.42890659	1.00E-04	1.00E-04	0.86494787	1.00E-04
0.98972975	1.08649412	1.23870345	2.42837753	1.54318591	1.00E-04	0.41275046
0.86880605	1.00E-04	3.09443251	3.9988868	2.67250482	1.00E-04	1.00E-04
0.75192398	1.00E-04	1.5819384	1.06450288	2.02492683	3.50602662	2.66642167
1.00080933	1.00E-04	0.09182604	0.08952278	0.09759627	0.94543129	0.83430531
2.89082408	4.07782809	4.04151126	3.91795731	3.78403284	3.84518931	3.03909301
1.06358075	1.00E-04	1.94700353	2.17152218	1.71471572	1.12755498	1.00E-04
4.9394787	1.00E-04	2.72799598	1.30068276	1.9743561	1.00E-04	0.89564699
1.00E-04	1.00E-04	0.83615273	0.47095	0.98034371	1.95820744	2.02506234
0.35175288	1.25845589	0.95861016	1.15745789	1.07220828	1.00E-04	1.00E-04
1.95102965	1.00E-04	1.55517213	1.47404896	1.74842329	1.00E-04	1.3983028
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56738847	0.68407235	2.25768782	2.59464396	2.88733975	1.18075338	1.44479356
1.00184495	1.81012707	2.24723299	1.42594281	2.0130241	1.32809116	1.67750513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.66507752	1.00E-04	1.2248551	0.2264637	1.64552671	4.59970568	3.9771774
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55641317	1.00E-04	0.90915235	0.31971609	1.00E-04	1.00E-04	1.00E-04
0.45172924	1.00E-04	0.13378376	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92861464	1.00E-04	0.51526324	1.05105567	0.90147724	1.24245757	1.00E-04
0.80425393	1.00E-04	0.28396743	0.73723475	1.00E-04	3.70663402	3.66816727
1.35639051	1.00E-04	0.3675102	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23853443	1.00E-04	0.08383044	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.21608071	1.00E-04	1.00E-04	1.31520537
4.06733067	1.00E-04	2.27662488	1.78876891	1.91612922	3.46189456	3.09071508
2.37847262	2.78409146	1.72415122	1.33411704	1.7215026	2.8886307	2.97831504
0.55271586	1.00E-04	0.0691919	1.00E-04	0.15169238	4.25563454	4.41531394
3.88101992	3.04654373	1.87943548	2.56725889	3.0056753	3.46577133	3.62907267
0.1136802	1.00E-04	0.21285327	1.00E-04	0.08815268	1.00E-04	1.00E-04
0.18529938	1.00E-04	0.18597101	0.10695841	0.18255603	1.00E-04	1.00E-04
1.23476341	3.46878987	3.55980576	4.14614552	3.56955636	1.00E-04	1.00E-04

0.90072597	1.00E-04	0.3754594	0.60386006	0.19524902	1.32401373	1.69998633
1.00E-04	1.00E-04	0.18174131	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08431423	0.1685492	1.00E-04	1.00E-04
0.11219505	1.00E-04	1.59546653	1.85264778	0.90381023	1.00E-04	1.00E-04
3.89707342	0.87456952	1.15783456	1.50881332	1.35148829	1.00E-04	1.00E-04
0.3546965	1.00E-04	0.51071525	1.00E-04	0.15290548	1.00E-04	1.00E-04
3.13601557	2.51384421	2.67583705	2.50669111	2.70217082	2.56323335	2.24685839
3.67455835	2.60524587	3.15942426	3.08475447	2.94849097	6.0149607	5.70282894
0.32796821	1.00E-04	1.51922678	2.26600782	1.21308409	1.00E-04	1.00E-04
0.83365732	1.46073695	2.81186865	2.41511992	2.60830325	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32135756	0.92570689	1.00E-04	1.24245757	1.00E-04
4.24264094	3.61010844	3.85627672	3.42332881	3.52021565	2.30919943	1.28024901
3.88755924	3.61911888	4.66948479	4.35843428	4.33419578	4.70458013	4.30332908
5.08062099	2.22049412	3.42477075	2.4380238	2.8401689	3.24740236	3.84657523
3.67755465	2.27899924	3.46520686	3.87387528	3.8516416	5.74455436	5.28821402
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29424965	1.00E-04	1.00E-04
0.20163259	1.00E-04	0.05903671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37586155	2.29753366	2.41061338	1.87604935	1.94222763	1.23897179	1.00E-04
0.79544288	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94543129	1.00E-04
3.39569838	0.68407235	3.0003603	3.7716227	3.87799438	3.24726837	3.41149937
4.27028695	3.77056109	4.16392885	3.95784771	4.39442871	4.62996477	4.42290726
4.08778029	2.19877501	2.92548919	3.71511293	3.4287307	3.86451885	4.00148323
4.50485781	2.77755851	3.65851584	3.49253926	3.36477512	4.80373625	4.73163104
4.49124469	3.5287005	4.50423363	3.94718618	4.2251253	4.57592717	4.97836764
2.33793943	1.21640771	2.60091515	2.6334355	3.10082006	1.24018221	1.83078259
4.16955122	2.39827459	3.62325258	3.84155229	3.79028031	3.48821807	4.08014465
5.88927393	4.62809896	5.38594595	4.82887931	5.04821244	6.32036564	6.01107314
3.91822117	2.37099479	3.30089944	3.38300481	3.2981557	3.8726922	4.09809856
3.74161978	2.10762582	3.06082455	3.05138443	3.58939064	2.55094313	2.23536396
2.48670697	1.45177834	2.46422042	3.15608064	2.64260688	1.36230273	2.26618066
3.50984511	3.65435223	2.95375595	2.5464313	2.60341978	3.69749325	3.8151414
2.65719514	1.00E-04	1.56708848	2.28677776	2.34179416	3.50354424	1.87091122
2.32162586	1.309432	2.60394345	1.82825973	2.96781619	3.02938033	1.96830588
3.35987919	2.59182121	3.61237008	3.30554352	3.50969478	3.19381009	3.68414723
2.80311293	1.28246279	1.89265023	1.80099491	2.27549364	2.33989459	3.09526
3.24559191	1.48852574	2.71950299	3.32106004	2.97811401	2.33589523	2.2800911
0.63479214	1.00E-04	0.35757553	0.40863339	1.00E-04	1.00E-04	1.00E-04
1.57131514	1.82346669	2.06086435	1.05166764	1.09288518	2.08747867	2.49957979
0.33550728	1.00E-04	0.30445943	1.00E-04	0.269537	1.00E-04	1.00E-04
1.00959876	0.68407235	0.41535652	1.57455994	0.70153478	0.81859263	0.54053641
1.28879177	1.00E-04	0.67569872	1.81888328	0.91762303	0.62567961	1.59515481
1.00E-04	1.00E-04	0.22364963	0.38752566	1.87682062	1.00E-04	1.00E-04
1.71685717	1.2795411	1.62464487	1.10001043	2.39857635	2.47262187	1.96246352

2.39122673	1.00E-04	1.06876416	1.2013989	2.17156707	2.36768582	1.65459059
2.66829146	1.50546492	2.03767773	2.23489305	2.39192214	1.62173237	2.58311165
3.1416911	1.21780923	3.16916511	4.10795132	3.54482505	2.96689819	2.19456515
3.42573093	1.96449982	2.70775103	3.22860559	2.407704	3.10609076	3.6392411
3.28668063	1.28142983	2.30048623	2.52890165	2.55619472	2.79775322	1.5952804
2.79287536	2.62132163	2.6526879	2.482242	2.44207167	2.63989946	3.52019307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25625379	1.00E-04	1.00E-04
1.36552946	1.00E-04	2.81813962	2.44745974	3.31842791	1.00E-04	1.00E-04
0.39750534	2.95922284	3.19987922	2.93179559	2.94383145	1.00E-04	1.00E-04
0.59624728	1.00E-04	0.11998372	1.00E-04	0.2302433	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.55694271	0.79637057	2.74220592	2.90653003	3.11230525	3.10972271	3.176466
3.90820362	1.2795411	2.13456646	1.19226029	1.36254602	0.68203783	2.04003721
2.04503031	1.00E-04	0.39840365	1.00E-04	1.00E-04	1.63825757	1.32326129
4.64645667	3.85255296	4.15656012	3.7897455	3.76065923	4.9765703	5.16566092
1.94953309	1.2795411	2.55879631	3.01878489	2.52356029	1.43164987	2.06898707
3.80620337	3.26016391	2.66326276	3.00240744	3.17671641	3.43451295	3.13138589
4.68685698	2.74715237	3.99747409	3.61030515	3.63813449	4.9156999	5.14269147
3.49924748	1.21891	2.74667499	2.72308148	2.29964101	3.13105443	2.91255372
2.35323389	2.27801923	1.34025126	0.97111083	1.65455104	2.60210097	2.72942715
4.80662164	4.39026051	4.36590749	4.18211263	4.32081738	5.88637815	6.14498148
2.59677986	2.36864886	2.47333446	2.94214918	2.62101056	5.58568375	5.48364414
4.44514234	1.66828405	3.01891667	2.73334267	2.77776831	4.83655779	4.13298417
4.12911985	1.85735943	3.4089498	2.85767696	3.11859676	4.21959219	4.26681619
6.86456719	4.2888558	4.10559302	3.83329657	4.31766026	6.3548113	6.4663772
2.0043845	1.3106013	3.09070299	2.49610618	2.97831161	1.76251149	1.79381764
5.08606454	3.85576035	3.5956729	3.32564404	3.91673874	3.1637084	3.79078362
1.00E-04	1.00E-04	0.34964271	0.26973003	0.58416084	1.00E-04	1.00E-04
3.26625388	1.63796569	2.39987793	2.64418082	2.04431846	3.47581279	3.36742664
3.15761484	1.98201775	2.68516792	2.50630102	3.01441043	2.77051008	3.21138827
0.25365118	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.92604001	1.58872355	2.26583707	2.47916482	3.31719051	4.03492793	3.20451947
2.74270364	1.00E-04	2.38304957	2.2547038	2.96094144	3.18127049	2.64663134
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.23673953	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.9572561	4.60151338	4.80139046	4.35358185	4.57442769	2.63194526	2.13839721
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24663883	1.00E-04	1.62099383	1.20317063	1.16975552	1.00E-04	1.00E-04
4.40224599	2.27801923	0.8062183	1.26827928	1.51009302	3.42008946	3.81737498
2.87913433	1.20883053	3.01817682	2.6964624	3.210716	2.52074072	2.91571872
3.30253654	2.22134683	2.70881625	3.12300816	3.12785624	3.88605755	3.71422374

3.16161749	1.90905475	2.83550504	3.28239333	3.54544987	1.94801732	2.21237202
2.77362017	1.1166062	2.09325629	1.79676567	2.20730693	1.62217532	2.85167707
3.20725958	1.41045835	2.57105052	3.10035675	2.01693318	3.45301838	3.36683484
2.15265087	1.00E-04	2.32698747	1.51305038	2.41822341	1.97969457	2.77342217
3.69438897	2.876418	3.58672449	3.17359168	3.2331167	3.6838121	3.82663311
3.26894863	2.40272902	3.55312023	3.3042758	3.30128778	3.74424759	2.86062487
4.09341122	2.31325057	3.18934268	3.23193503	2.83789532	4.37602086	4.4061694
1.7379734	1.00E-04	2.61337545	2.43699138	2.53322153	0.79958263	0.9317338
5.184937	4.29928221	4.88771601	4.52167201	4.68137773	5.68012538	5.75697798
4.31271233	3.69678776	3.47952401	2.86725749	2.86724281	4.87165085	4.73203717
3.9710443	2.56228034	3.41282913	3.49172381	3.48555674	4.1485553	4.18293236
4.62653322	3.70983236	3.91566205	3.83232332	3.76405	4.06353568	4.33877016
3.49563058	2.54381514	3.49731937	3.15002936	3.15585962	3.35765138	3.29523788
1.5470079	3.58358139	4.57318618	3.99418515	3.86188008	1.00E-04	2.27379684
4.84210366	4.36134627	4.44810125	3.75096893	3.83357407	4.57973752	4.80929393
4.81838849	4.24132278	4.51481099	4.32998277	4.30837428	5.11985499	5.19472504
3.61513191	1.78755271	3.12285505	3.06841633	3.08256854	2.52688498	3.39416063
1.00E-04	1.00E-04	0.13303064	1.00E-04	0.2540884	1.00E-04	1.00E-04
2.93382594	0.72877389	2.79722611	2.8593293	3.20665265	5.19855373	5.45483994
4.1642222	3.65264895	4.302027	4.07243136	4.21574595	3.87344124	4.06905672
4.12958885	2.509193	3.99147436	3.37537423	3.39664868	4.56627424	4.70597858
1.49754435	1.99771725	2.55189863	3.05018262	2.7918884	1.11481773	1.00E-04
2.21873008	0.8358776	2.87382849	2.9122386	3.04873942	1.50020936	1.22180816
3.67599603	3.13933066	3.40736389	3.75646825	3.29768191	3.7305364	3.77255596
4.03201876	3.45896141	3.95904116	3.67612578	3.60209377	4.56999794	4.3385408
3.92621892	2.88267379	3.85717724	3.79096004	4.03905145	4.20528081	4.22737513
4.48797333	2.12269827	3.55951243	3.34637553	3.5290053	4.62779889	4.74816003
2.52881673	3.05304804	2.54377363	2.13263729	2.47626283	2.76695041	3.17040327
3.06369091	2.72055443	3.43536687	2.90482843	2.89951038	3.28987353	3.38529367
0.65114927	3.22736934	4.19416268	4.13128527	4.05887208	1.00E-04	0.94970493
1.66807867	3.77677134	4.90598919	4.48710328	4.24856387	0.62567961	1.14061365
4.4447406	2.408426	3.87413719	3.51290885	3.58429469	3.55335974	3.71932871
0.73250874	1.41962819	1.89377638	0.89784782	1.2168834	0.88297287	1.74944902
0.65078924	4.02301765	4.05223106	3.85794671	3.87817517	1.00952146	1.00E-04
2.49065736	4.31853232	5.01597587	4.54260536	4.66635482	2.01614501	1.45012338
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.50962921	4.54351354	5.44796093	5.57764785	5.4339479	2.75264949	3.18788954
0.83332436	3.61588874	4.22334614	3.61360994	3.79090596	2.31290822	2.03925233
1.51375222	4.57444204	5.67809222	5.09416142	5.30276051	2.00735851	1.00E-04
1.00E-04	1.00E-04	0.46700872	0.67074019	0.53894949	1.00E-04	1.00E-04
2.73861206	2.44289815	2.65926672	2.39662764	2.36651665	3.5039264	3.40214473
4.80301704	3.95252226	4.42403072	4.7388504	4.77746154	4.53312522	4.81977717
5.65168464	4.23694769	4.7132184	4.60203824	4.7994812	6.5487052	6.50693692

0.17124941	1.00E-04	0.64141921	0.18380976	0.1216717	1.00E-04	1.00E-04
5.39667175	4.01003563	4.50389908	4.24915444	4.28210776	3.3188213	3.61182984
2.06227554	0.72877389	3.11251377	2.90457207	3.4189403	1.00E-04	2.07435021
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.7551454
1.59153724	3.73558553	4.92954435	4.70231428	4.74458508	1.00E-04	1.48562237
2.95348897	0.92068596	2.30486317	1.88897893	1.80252859	1.68240265	1.46312986
2.79456718	3.63342828	3.67884167	3.38499059	3.49648817	3.06216152	3.7042433
4.51230901	1.88325715	3.66067718	3.02811963	2.65765783	5.12478271	5.01493593
2.7891638	3.45351664	3.3760711	3.16376802	3.7134769	3.4844561	3.46633296
3.23982501	0.72877389	2.08652811	2.50790708	1.93812609	2.66433815	2.18491754
4.71389162	2.03819508	3.92269826	3.62976704	3.65246255	4.50966456	4.6306282
4.02573805	2.08504775	3.67093193	3.39546047	2.20669836	4.52774003	4.12551572
4.72801295	2.87940931	4.27005676	4.24334108	4.30405278	4.53531562	4.60845682
2.17649286	0.8339972	1.7239299	2.20593054	2.13901676	1.11641065	1.96890054
4.05162093	2.96495301	3.75680327	3.99274253	3.99772832	3.51199976	3.81971293
3.40760373	1.97948856	3.02932583	3.2178255	3.7692977	2.58809232	2.70896283
4.25551054	2.44627655	3.56697909	4.20859196	3.95511912	3.80767896	3.18708601
3.91048152	1.00E-04	1.00E-04	1.00E-04	0.11639204	0.81261445	2.89600093
3.29707485	1.56602135	2.82303256	2.71120601	2.91906641	1.09102431	0.63328605
1.15213859	2.00002539	2.8234392	2.30837351	2.50479977	1.64442384	1.76635797
4.05927198	1.00E-04	3.20262421	2.16938774	1.92336901	2.1926086	3.16106449
5.69800525	1.71539206	2.72755691	3.62869939	3.4030254	1.77799257	2.66018796
3.87493849	2.66285962	4.2159822	3.53546465	3.65494364	3.27161537	4.2567177
0.21723843	1.00E-04	0.68906739	1.59028579	2.62254842	1.00E-04	1.00E-04
1.35232053	1.00E-04	1.00E-04	0.21083655	1.00E-04	1.00E-04	0.97863975
0.93870305	1.31921957	0.49775394	0.39220127	0.57221837	0.81859263	1.00E-04
2.53097513	1.77779977	2.79716199	2.55903227	2.50204144	1.46212599	2.00037454
3.35752992	2.16819215	4.20499905	4.19385265	4.05193763	4.21797149	3.91737198
1.00E-04	1.00E-04	0.98059244	0.14009469	0.46810822	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13536061	1.00E-04	1.00E-04
0.18529938	1.4857787	2.64587383	2.60938065	2.72796902	1.00E-04	1.00E-04
0.95105129	1.9288366	3.0703805	3.43795737	3.38949642	1.00E-04	1.00E-04
0.73511795	1.87373615	3.17107576	3.11964629	2.38564132	1.00E-04	1.00E-04
3.82661092	3.27422919	4.02088321	4.5135393	4.69030284	2.96875995	2.91148707
2.71006001	2.92147221	2.73484412	3.57719271	3.47643275	1.61839612	2.52674016
3.61675258	2.15769141	3.71888273	4.20490041	3.88602234	2.76457981	3.23110364
3.14981025	2.9530819	6.20395372	3.21925552	3.95942804	1.40042874	4.52019849
4.67161909	3.9138866	4.25662932	4.06647475	4.2026584	3.85950259	4.00700472
2.3000455	1.08649412	2.17852065	2.32852086	2.36236938	2.82308301	2.4250576
1.00E-04	0.7902481	1.9505309	1.2253663	1.95417717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09148407	1.00E-04	0.25117958	1.00E-04	1.46607815
2.48892273	1.00E-04	1.44956363	1.6818722	1.4079517	0.77057821	2.67286167
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.14212338	1.00E-04	1.54407111	2.18039997	1.01074202	2.12404408	2.25356274
4.57295921	3.98333944	4.49319358	4.14872307	4.29387801	4.18273559	4.2541261
4.24620183	3.14088574	3.29732934	3.15914179	3.18310442	4.09260287	4.17212247
1.33397942	1.93144434	3.26425001	3.89300176	4.01366541	1.85970286	2.65050898
5.29526937	4.91938317	5.23914798	4.99372683	5.11298058	6.10163421	6.16162497
5.1706305	4.22542582	5.08850753	4.68695597	4.65763424	5.14428853	5.36488127
4.57308654	4.05614355	3.71380078	3.70396004	3.4753458	3.82591494	4.3025826
2.30712814	1.00E-04	1.71852669	1.60151256	1.43136266	3.97634094	4.74110005
1.27779634	0.72877389	1.34682962	1.57685184	0.398648	0.86319656	1.00E-04
1.00519852	1.00E-04	0.20090738	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03282428	0.68407235	2.85794796	2.99966441	3.04712152	3.49654157	3.45883928
1.73091438	1.2596863	1.01762758	0.34538643	0.62767418	2.11305257	3.28903486
0.30325786	0.72877389	2.74508971	2.46150669	1.95251793	1.00E-04	1.00E-04
5.60812936	3.83357746	3.37756934	3.31304215	3.88816029	6.14944926	5.91029302
2.37516208	2.17304217	2.27444871	2.09335611	2.56184706	3.20754029	3.48214091
4.06888958	4.44320836	4.74543381	4.59114631	5.1633266	5.07991408	4.96634957
1.00E-04	1.00E-04	0.12268675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.11244925	1.00E-04	1.00E-04	0.11090815	1.00E-04	1.00E-04	1.00E-04
1.47052519	1.71539206	2.84925856	1.55488923	1.69234689	3.68863647	3.57066033
2.3799104	3.13005059	2.81561888	2.31318123	2.12726732	4.34546951	4.59511565
3.2295297	1.49077582	2.45298326	2.48283854	3.10270466	4.62424822	4.70145271
4.28367981	0.71640521	3.14511036	3.3537505	3.49030725	4.98732819	5.04992519
3.33663056	2.1587593	3.63804621	3.62782332	4.00319347	2.5689526	3.55797422
3.60053249	4.11897935	5.12886977	5.03612779	4.9373706	3.5563923	4.23632308
4.08880631	4.55630682	4.05142932	4.40912748	4.27245925	3.32315177	3.54696803
5.59817983	4.29161141	4.75961211	4.90845774	4.8354	4.95844195	4.84512267
3.16432375	2.99988569	2.33484707	2.94425567	3.28337264	3.39445856	2.74444273
0.0766569	1.24533636	0.59761423	0.30515055	0.27885394	1.00E-04	1.04581732
4.74718613	3.12439127	3.32547836	4.14713232	4.11364112	3.98325997	3.99856781
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.91584043	1.78134691	2.65141999	1.98192507	2.68034311	1.70439393	2.7286344
0.26970137	2.93048235	3.32315621	3.49412531	3.11438321	1.00E-04	1.153275
1.94907334	1.92210929	3.17513665	2.71807222	2.50196862	1.00E-04	1.14182117
0.82347334	1.00E-04	2.66438181	2.00583874	2.49941029	2.43768211	2.06244084
3.78843075	1.00E-04	0.69164352	1.1736743	0.85699544	3.08277034	3.11237987
1.63464509	3.66076227	4.57999583	3.90847798	3.5111349	0.94371668	1.11640896
1.32464783	1.00E-04	0.53372286	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75507748	1.00E-04	0.56279883	0.40793343	0.66676205	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16437031	1.00E-04	1.21841593	0.70664917	0.67177972	1.00E-04	0.81996147
1.00E-04	1.00E-04	0.42680666	1.13973527	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.59268409	2.27801923	2.2528222	2.76668421	3.31970032	5.72609931	6.02434094
1.00E-04	1.00E-04	0.13734826	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.04987681	1.50851539	2.6874385	3.00459894	1.79449645	2.64746142	2.61288343
5.62529555	5.09604056	6.27949811	6.61469981	6.50066476	5.1741151	5.23195805
3.51803027	2.21519898	2.67863333	3.37310048	3.75324068	3.29360221	3.34960375
3.74216797	2.75598504	3.46064991	3.92328317	3.77447383	2.99682514	1.89001666
4.0540887	4.0850826	5.11030639	4.91034847	4.80471751	4.75642259	4.62748859
1.00E-04	1.00E-04	0.09880717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.58798751	2.4835828	3.42950819	2.96562661	3.29210115	5.45644697	5.59316586
1.17783573	3.22442137	2.54500349	2.16297291	2.46863043	2.06681737	1.51973008
5.99847375	1.63099207	3.89413863	3.65370639	4.12452493	5.13357175	5.24540097
6.39470199	3.9690664	4.73390325	4.73013162	4.74437586	5.96173845	5.96519926
3.30630771	2.24129947	3.27565393	2.32981004	2.64379237	3.79757218	3.7862894
0.23127729	1.12553	0.58723605	0.75294369	1.78537995	1.00E-04	1.00E-04
3.21860421	3.84389141	3.8341226	3.85080672	3.56638469	3.41638885	3.23162319
0.35689527	1.00E-04	0.27427609	1.00E-04	1.00E-04	0.94371668	1.00E-04
2.66290375	1.00E-04	0.13718079	0.59660045	1.00E-04	1.51042251	1.82951573
0.42273319	0.71640521	1.08665265	1.11256739	1.13677381	1.34554831	1.00E-04
3.11469488	3.58395599	4.44965659	4.32117539	4.63880707	2.73264275	2.84549386
6.05288525	4.49131642	5.17111797	4.79063892	4.64410736	6.171751	6.10589221
2.86565289	2.02479757	2.85895235	2.61611116	2.66867588	2.16618277	2.24237899
4.5942931	3.77157794	4.20390905	4.32849179	4.41672881	4.99957981	5.05578401
4.51358337	3.06772157	3.9758429	3.71472572	3.81473676	4.23890676	4.30825216
1.00E-04	1.00E-04	0.77902147	1.25155849	1.0079213	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.90378	0.90500391	1.46319129	1.00E-04	1.00E-04
0.57904505	1.3449137	1.4924432	1.14390018	1.2595071	1.00E-04	0.81996147
3.51967379	2.90645982	3.40793552	3.21352106	2.79765449	4.19181342	3.90409481
3.87511822	2.97429989	3.51825135	3.23597333	2.74735733	3.77947925	4.31053241
3.71500211	0.8358776	2.46124571	2.14563265	2.63087092	1.27573367	3.34066671
1.70430488	1.51852422	3.19845403	3.20493052	2.95980664	2.28937544	2.43925898
1.94772216	2.32722856	3.13694821	2.90485842	2.68308787	2.04948675	1.00E-04
3.39721481	1.57120999	2.8504448	3.36970799	3.24947837	2.16683264	2.20029346
6.0500489	4.75505456	4.99450871	5.04513098	5.17172549	6.33817277	6.60751825
4.82052376	4.4503326	4.2590756	3.6505246	4.02439258	5.02627611	5.40070532
2.86363849	1.00E-04	0.81430029	0.2622448	0.19743017	2.41097452	2.52350679
2.40144658	1.00E-04	0.66195201	1.31825105	2.02411946	4.77232463	4.45406859
2.16455924	1.1971089	2.97076608	2.35204353	2.33985647	3.06750073	4.10121048
1.34637964	1.3386578	0.81202297	0.65345818	0.97334575	1.88652435	0.40038755
0.88279537	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86319656	1.00E-04
2.39004773	1.00E-04	0.28420215	0.24493902	0.09759627	2.00897953	1.31922891
3.09076857	2.88691432	2.02231057	1.93459511	1.87699438	3.52308881	3.10723828
5.6106093	3.77851882	4.46442035	4.29683248	4.44713385	6.12400453	5.84760301

5.3947537	5.46618182	5.46431981	4.59539435	4.75650354	6.18336237	5.92701013
1.00E-04	1.00E-04	0.07209144	1.00E-04	0.19146895	1.00E-04	1.00E-04
6.6883118	1.00E-04	1.30093348	2.33919201	0.78441673	1.00E-04	0.82784996
2.30429643	4.1111905	3.94970985	3.65919701	3.29641229	1.00E-04	0.96097125
0.95007269	3.96161204	4.86177439	4.64902187	4.54351815	1.64846794	2.74604392
2.54849922	1.57589751	2.86921466	2.3919174	3.16438175	3.05296733	2.96288274
6.93724398	5.68378238	6.50888107	6.10704584	6.20265501	6.5892819	6.69374144
1.58582273	1.00E-04	2.27905927	2.41685773	3.25423111	1.48717985	1.32112653
2.72392118	2.8496992	2.69089339	2.82321173	2.38977566	3.26631302	2.97543907
2.13960144	1.13651828	1.32942856	1.30597766	1.30668613	2.22127872	2.15567526
1.87445909	2.1330537	2.86455611	3.01524083	2.83912125	1.7206747	3.02792161
4.2229008	3.48419703	4.4592579	3.9552973	4.06178982	4.92421226	5.54486101
3.89050965	4.28358202	3.72145097	3.97529748	3.85557042	3.94157227	3.97996125
2.6019023	3.52804498	3.40973478	3.69970939	4.33174749	2.05797416	2.62953458
1.00E-04	0.74506998	1.76880196	0.96990088	1.75249334	1.00E-04	1.00E-04
0.94503218	0.7902481	0.1454422	0.07375842	0.23972165	1.4640464	1.40124383
0.9689301	1.00E-04	0.28530376	0.14417241	0.12748672	1.00E-04	0.86789477
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.74596116	1.99822205	3.59682135	4.10210405	3.92230814	2.82364905	3.47758986
2.50602946	1.12769243	2.37328719	2.66147499	2.37537998	2.40623535	1.80746902
2.12717963	1.70377324	2.33921674	2.02843024	2.04578923	1.31757904	1.91190632
2.69447601	2.35542788	3.50103605	3.24024598	3.85185735	2.47955098	2.33828481
1.00E-04	1.00E-04	0.26029402	0.18396947	0.52578481	1.00E-04	1.00E-04
4.7122601	2.78184802	4.20526363	4.84938115	4.51135077	3.15685357	3.39130333
4.50822786	4.41449658	5.19472714	5.40034245	4.95324051	5.05770208	4.7557864
5.3219382	3.96802011	4.52699455	5.22323434	5.13984804	4.15717458	4.12683599
5.72203031	5.04843639	5.23588572	5.72955666	5.73989765	5.29385374	5.37378361
0.46057765	2.71633285	3.92386807	3.7905716	3.88061207	1.00E-04	1.00E-04
1.56828619	4.67313336	4.47052466	4.00293659	3.71548133	2.97133352	3.14846516
0.95545716	1.00E-04	0.8690421	0.69115881	0.77031516	1.00E-04	0.98620672
0.20399708	0.68407235	1.56432921	2.31923651	1.62356546	1.00E-04	1.00E-04
0.56448917	1.00E-04	1.00E-04	0.08961591	1.00E-04	1.00E-04	0.68773152
1.00E-04	1.00E-04	1.51104524	1.15037816	0.58371825	1.33183829	1.00E-04
6.01260892	4.46890475	5.35377589	4.6578274	5.01173969	6.28924617	6.34070366
5.09707007	3.75675354	4.98819916	4.50261809	4.37456604	4.79369851	4.82917551
3.74110567	1.92474533	3.04499542	3.02997336	2.96510996	4.14143626	4.05443227
4.41333205	3.51789755	4.26167272	3.67159316	3.84520103	4.80074816	5.03072484
3.27415712	1.93051679	3.54502664	3.82155105	3.56681166	1.80742833	3.18071596
3.90834248	0.72877389	2.80100139	1.81490382	2.28165971	1.32413304	2.83887408
4.32809405	0.68407235	3.94250684	3.49069446	3.6612939	5.26978823	5.56900217
2.87106345	2.37546449	2.28687727	2.91384339	2.83628716	1.626097	2.55161431
5.52997931	3.98850145	4.91436013	4.32029699	4.43569845	6.17414018	6.09674752
4.65087348	3.60942714	4.88699567	4.566304	4.70766644	6.18140273	5.75611515

4.08053955	2.64986587	3.76995099	3.32090149	3.60398024	4.22483739	4.52403635
2.64660702	1.25855308	2.48947222	2.53204822	3.18843322	2.49230014	2.67729147
3.96266054	1.6928764	3.30589737	3.18753646	3.38422217	3.77722947	4.30502247
3.13732532	1.85285654	3.22111011	2.49986315	2.7750451	3.43282118	3.50863778
1.62717544	4.35708334	5.194039	4.43265647	4.41477381	1.00E-04	1.95004051
1.89422905	3.19854077	3.5890595	3.38592109	3.45821356	2.47802048	2.51198923
4.52158344	2.98949939	4.28059873	4.13204595	3.8446162	4.28762194	4.60945563
0.45930944	1.00E-04	0.21896215	0.33966493	0.12694344	1.00E-04	1.00E-04
3.14200239	5.76592549	6.72901505	5.94678275	5.99949412	2.74332222	3.65665064
0.87117122	0.87456952	0.18310087	0.62872444	1.00E-04	1.00E-04	1.00E-04
2.29516427	1.00E-04	0.26885609	1.00E-04	0.52539485	2.56221386	1.7342966
4.03161031	1.96093677	2.92692141	3.21038657	3.27742553	4.11607395	4.01507681
1.86190579	1.00E-04	1.67113813	2.81496453	1.40015281	1.98639586	1.26135756
1.62143253	0.87456952	1.95513006	2.55215429	2.54372961	1.00E-04	2.42609624
0.56149187	0.68407235	0.06287992	0.17241709	0.22367009	1.00E-04	1.00E-04
1.21884293	1.57553417	1.64350196	2.25121721	2.14779663	0.94371668	0.40038755
4.24227383	1.00E-04	1.52711558	1.20111266	1.17139955	1.00E-04	1.92708814
5.06198757	3.52591081	4.60359408	4.44440204	4.54451771	4.89620684	4.90451535
1.00E-04	1.23400418	0.53165721	0.19126119	0.63334016	1.00E-04	1.00E-04
0.69722884	1.00E-04	0.15404675	0.46028129	0.23328705	1.12755498	1.15573112
4.27246152	4.32568972	4.4812681	4.7711679	4.9826229	4.25184873	4.66641346
1.25991694	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3686842	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22314612	1.00E-04	1.01374323	0.10659766	0.27179686	1.00E-04	1.00E-04
2.13790276	1.00E-04	0.6317324	1.00E-04	0.16358717	1.00E-04	1.45840791
4.02674728	3.37177528	3.53198883	3.48126022	3.74175529	4.96826902	4.71511355
0.69305451	1.00E-04	0.44039233	0.09185911	0.2430491	1.23405597	0.62168103
1.00E-04	1.80079287	1.47875315	0.71033107	1.49401788	0.94371668	1.00E-04
1.00E-04	1.00E-04	0.29634294	1.00E-04	1.00E-04	0.72869785	1.00E-04
0.24139521	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.47816157	0.09375359	1.00E-04	1.00E-04	1.00E-04
2.27065968	2.87105092	2.00422989	2.60813944	2.52688132	1.00E-04	1.139499
2.10395323	1.00E-04	0.33689392	1.00E-04	0.24054296	2.05167345	1.07127105
1.12625199	1.19089243	0.57040723	0.4716899	0.6298028	2.14096446	1.00E-04
1.00E-04	1.00E-04	0.87226493	0.3687835	0.09550581	1.00E-04	1.00E-04
0.57854497	1.00E-04	1.00E-04	0.12988431	1.00E-04	1.67965696	1.00E-04
0.45507653	3.62819812	4.13029919	3.9467658	4.26645351	1.00E-04	1.00E-04
2.75424704	1.00E-04	0.88266882	0.95138006	1.31663853	1.27700718	1.00E-04
0.34948596	0.7902481	0.99719958	0.564559	0.25842381	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04764841	1.00E-04	0.08765397	0.13328809	0.10294237	1.00E-04	1.00E-04
3.88926579	1.00E-04	1.38886289	1.40590183	1.21883452	1.74293937	3.30061255
0.11017854	1.61173889	2.84329983	2.76431408	2.326337	1.9846929	1.67069727

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04434126	1.00E-04	2.31812471	1.31378671	1.77841328	0.62567961	1.26435967
0.35292799	1.00E-04	0.86460492	0.40120551	0.66385754	1.00E-04	1.00E-04
0.95933308	0.74506998	2.3118144	1.66038845	1.71887756	1.00E-04	1.00E-04
1.90762129	1.00E-04	1.00E-04	0.15425194	1.00E-04	1.00E-04	1.31799764
1.23794054	1.00E-04	0.39322159	0.37946833	1.16594952	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30541706	0.76524107	0.30143914	0.13737782	0.16535001	1.00952146	1.10457566
1.35628266	1.00E-04	0.4486268	0.93700599	0.59785509	1.44286217	2.49201147
1.37483711	1.00E-04	1.1138099	0.81977722	1.41638734	1.59329645	1.00E-04
2.50336519	1.00E-04	1.4656604	1.1778185	1.29350276	3.1703487	1.84607332
1.00E-04	1.00E-04	1.00E-04	0.08021281	1.00E-04	2.19523602	1.00E-04
1.55334473	0.74506998	0.67880353	0.5833973	0.71539278	3.02133807	2.3008758
0.41162121	1.00E-04	0.64551944	0.16900813	2.17921025	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20438442	0.11606138	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24727187	0.36960284	0.25647842	1.00E-04	1.00E-04
1.80901319	1.00E-04	1.00103985	0.50673909	0.38967331	1.18042507	1.34083346
1.54553861	1.00E-04	0.92201575	0.44092469	0.44319865	1.00E-04	0.316869
1.00426725	0.74506998	1.19908893	1.93838212	1.90880184	1.00E-04	0.91280099
1.00E-04	0.7902481	3.71985721	3.10197389	3.16155953	1.11481773	0.72495184
0.88403362	1.76990474	3.15685787	3.23498607	3.18020117	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5031105	1.00E-04	1.00E-04	0.25425724	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68065722	0.68407235	0.33060158	0.34978999	0.32171392	1.00E-04	1.73834432
0.65360724	1.00E-04	0.17556906	0.18018906	1.00E-04	1.00E-04	1.00E-04
2.51637889	2.74755591	3.83630483	3.23903013	3.45407566	1.00E-04	1.00E-04
0.83563485	1.00E-04	0.31534863	0.0848519	0.30378018	1.00E-04	1.00E-04
2.06802938	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.98620672
1.83523925	4.20160526	3.45509794	3.19295898	3.50951989	2.94872102	3.34880045
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29969418	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.78409146	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13066427	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17823803	1.9530187	2.83754553	2.39369339	2.86085005	2.28400011	2.43680825
2.90786828	2.56913969	2.73796155	2.68217888	2.972325	2.18685896	2.97490361
0.73212546	1.00E-04	1.00E-04	0.16165156	0.24194431	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12595457	1.00E-04	1.00E-04	0.79838122	1.00E-04
2.37080393	3.03949134	3.58435463	2.39190246	3.07978161	1.00E-04	2.41960232
2.7610289	2.12535314	2.77133789	2.94948814	3.39983168	1.18371736	1.75516244
0.06759249	3.00042425	4.31995616	4.08138044	3.76173517	1.00E-04	1.00E-04
1.16076551	1.41962819	1.75688185	1.21036307	2.12801093	1.00E-04	2.20526183
4.28555026	1.00E-04	0.5402698	0.72551051	0.54274446	2.56296149	2.97644275

0.97370322	0.72877389	0.75057009	0.39828464	0.55954743	1.64001363	2.308054
2.38215451	1.70992982	2.0528272	1.56066847	2.44115109	1.92396679	1.00E-04
1.10907254	1.00E-04	0.58255327	1.00E-04	0.21051935	1.00E-04	1.00E-04
2.4991102	1.43393804	1.39482875	1.16948732	0.78411151	1.00E-04	1.00E-04
3.90781758	3.35087456	4.16350461	4.06052332	4.08479573	3.16630702	2.91429488
1.00E-04	1.00E-04	0.31822434	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48584221	1.00E-04	1.00E-04	1.00E-04	0.27122779	1.00E-04	1.00E-04
0.80922977	1.00E-04	0.16737891	0.49231285	1.00E-04	1.00E-04	1.00E-04
6.30503504	1.00E-04	2.57919987	0.56031867	0.93528566	6.33964096	5.73718433
2.73400601	1.95254208	3.10151424	3.18922094	3.61092712	1.82836249	2.25654716
1.00E-04	1.00E-04	0.80252035	1.00E-04	0.16535001	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2006616	1.00E-04	0.13098198	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.80373856	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09060953	0.2974759	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20899316	0.11567939	1.00E-04	1.00E-04	1.00E-04
1.41115012	1.00E-04	0.81494211	0.96987211	0.80159186	1.00E-04	1.00E-04
1.71580806	3.93139935	4.9270508	4.46465664	4.56906944	1.22488971	1.39570363
2.82918823	3.87245068	3.02384627	3.36667921	3.50900746	3.08291838	3.3922839
1.71505302	3.10880224	2.99109029	2.77630645	2.41891067	0.81859263	0.7551454
3.31715215	0.68407235	3.02214784	3.74198335	4.19445463	2.49482754	2.54019899
3.33979734	1.82445167	2.35425788	2.23346704	2.44304513	3.12470455	3.1025964
0.50346989	1.00E-04	1.07067588	1.41433101	2.43054924	1.00E-04	1.00E-04
1.00E-04	2.06140762	2.75807435	2.43670704	1.89308072	1.00E-04	1.00E-04
2.47628226	1.52844921	3.00984992	2.56841514	2.39735473	3.45397476	2.90046677
1.28703356	2.92970375	3.21613	3.12490662	3.04199011	0.77429742	0.35134699
3.15790049	2.00367721	3.05528165	3.18561126	2.8136035	2.86163427	2.74170696
0.1671021	1.00E-04	0.16598934	1.00E-04	0.13992338	1.00E-04	1.00E-04
2.55865732	1.472772	1.99340266	1.86622828	1.60796442	2.62514664	2.70271888
4.06009753	2.33253701	3.60482502	3.96435086	4.06651964	3.62075568	3.91195153
1.3213332	1.00E-04	0.98094779	0.88602858	0.83633503	0.85260137	2.04469395
2.0555585	2.02095118	2.65837624	2.62935304	2.37655037	1.42129465	1.00E-04
0.39599455	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.67633466	1.20883053	1.79529544	2.32777685	1.91305086	2.23392765	2.50486543
1.72819279	0.87612072	0.95880736	0.92540711	0.62925485	1.00952146	1.00E-04
1.23778942	1.28232395	0.87418595	1.20168688	1.1942954	1.92669624	2.60489874
1.00E-04	3.40963141	2.35044118	2.2925113	1.42437042	1.00E-04	1.00E-04
3.05613125	2.72146093	2.68161483	2.03114015	3.15071696	3.46378553	3.34638972
3.74595809	2.26989994	3.30448779	4.13699717	3.65226081	2.38691739	2.82851974
3.99183591	3.47506172	4.65055056	4.754781	4.58902382	3.50101084	3.6246038
1.4561721	2.58907954	3.99362257	4.13011652	4.2033678	1.00E-04	0.49725191
1.00E-04	2.60757066	2.46176846	2.12939161	3.04965593	1.00E-04	1.1853365
4.25371721	3.81201774	4.50861284	4.32535513	4.50077152	4.35596642	4.45019274
4.04045054	3.25689733	4.25226584	3.88774729	4.20674399	3.57196406	3.42061491

5.61377469	4.99631009	5.44395846	4.97691452	5.1452364	5.66875444	6.01808585
5.07150272	3.13605918	4.20794732	4.04965781	3.88691667	4.79259225	4.89560446
3.9985195	3.40524195	4.38401157	4.17422932	4.33041677	4.35651071	3.56269346
5.20403097	3.36604419	4.62376845	4.18556627	4.35864626	4.92242937	5.25257571
3.72957737	2.91960359	3.96264213	3.48204275	3.9023128	4.09879131	3.7175475
4.8104137	3.61806954	3.87410062	3.4032074	3.3785558	4.60550092	4.30320502
6.43365327	5.01505218	5.4016963	4.80159815	4.99718551	6.15195546	6.17641145
0.38761021	1.00E-04	2.21910544	1.03721304	0.62882773	1.00E-04	0.56264051
4.41339959	2.75779035	4.20110343	3.80167129	3.99022314	4.75488893	4.8154933
3.53515872	3.03820568	4.17892299	3.86122866	3.95842505	4.31689271	4.40342959
3.61252924	2.41061387	3.54032836	3.42296988	3.32980251	3.75245957	3.78517846
3.42125207	0.68407235	1.45747534	1.76059803	0.70871586	2.76801165	2.21861127
5.45325958	4.44525085	5.01195826	4.46779687	4.82973817	6.15185634	6.07561885
3.80462858	2.83571031	3.06194627	3.39551256	2.96934199	2.71788859	3.5630119
4.64479923	4.39940069	4.07563606	3.61845198	3.85963411	4.59201364	4.92880791
1.07846109	0.92068596	1.91989583	0.91619587	1.58526758	1.32173203	1.78581964
1.00E-04	0.79637057	0.24999337	0.69287344	0.18420248	0.71661629	1.00E-04
3.04169022	0.71640521	3.27595583	3.43606929	3.18481186	3.20699365	2.65974547
2.67885355	2.25875583	3.27867347	3.24197316	2.88379119	3.49131166	3.17921391
4.22575056	3.89982956	3.82836072	3.71746762	3.68065628	3.35544657	3.51071488
4.77921876	4.80612065	3.69432014	3.29616284	3.33125324	5.28956731	4.34153816
3.66684464	4.52898544	2.9020836	2.77176801	2.74214019	4.12621893	2.89065618
7.68810235	7.69599465	7.6871375	7.44313748	7.47966844	7.46355901	7.1001775
5.0640654	5.43153093	4.7524788	4.53825862	4.64878387	5.03509478	4.2308582
6.1619114	5.94238973	5.96036812	5.89863	6.02486963	5.70532311	5.43691061
8.74867651	9.0651894	8.78049297	8.72359559	8.85353702	8.75737505	8.43031153
7.920861	8.00938172	8.21107181	7.79999116	7.72916607	7.71247601	7.59479494
4.44910721	5.14591751	3.91372407	3.83303216	3.99345617	5.05319626	3.32475492
8.82345823	8.77643653	8.90492378	8.65940905	8.72639339	8.6179279	8.48468124
7.95555139	7.85906933	8.03747675	7.78175271	7.88771663	7.42226659	7.29399961
7.72601041	8.15968431	7.85346079	7.60642447	7.78189821	7.6209626	7.39198527
7.90639537	8.14786206	7.97954218	7.75635373	7.9099758	7.68998954	7.51525928
10.8755497	10.2800856	10.3707988	9.86637284	10.0422479	10.7574047	10.6605961
9.17877458	8.49634426	8.80702381	8.24519828	8.2063348	8.90340355	8.70720835
0.87393252	0.87456952	1.46675041	1.53608138	1.17278749	1.87177007	1.06903103
0.80752142	1.00E-04	0.37572392	0.22550605	0.48571157	1.00E-04	1.39686577
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11779102	1.00E-04	1.00E-04
0.98109133	1.00E-04	0.25049586	0.074384	0.32046504	0.82693741	2.02473503
0.77098108	1.67352971	1.18390228	0.75880527	0.54563841	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08346022	0.32509616	0.12792029	1.00E-04	1.00E-04
2.39950694	1.42188456	1.89558928	1.59227149	1.91935719	3.12086639	2.61824084
0.35478322	1.00E-04	0.48232011	0.52646355	0.79597497	0.81755274	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.44657976	1.00E-04	0.0996928	0.12615384	1.00E-04	1.00E-04	1.00E-04
0.16967021	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95789461	3.13005059	1.88108687	1.09422522	0.98378288	1.58273848	0.64887302
0.6331259	0.87456952	0.7102517	0.41563222	0.40622121	1.38927927	1.00E-04
0.50035061	1.44595569	1.04098386	1.53743409	0.8600143	0.82884172	1.66153887
1.09678049	3.04069831	1.49986213	0.98920314	0.95390519	2.38586473	1.51712565
2.36568182	0.69779233	1.34387815	1.42133746	1.39599452	2.27736553	0.7592156
3.54021159	4.02310279	2.49161386	2.72937564	2.81909198	3.90367914	2.3943686
0.60795957	1.00E-04	0.33376092	0.1628383	1.00E-04	1.00E-04	1.07127105
0.18480603	1.00E-04	1.00E-04	0.15248859	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07209144	1.00E-04	0.18255603	1.30530732	1.14061365
0.99242006	1.42188456	1.54935868	1.05889625	1.02711724	1.00E-04	1.00E-04
2.06377603	0.92068596	0.99989948	1.71944197	1.37225867	1.36867914	1.60214118
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.93274175	1.57508524	3.04855439	2.88431377	3.50901006	4.40253812	4.4068824
4.53625746	3.14698421	4.59080977	4.66250341	4.52807753	4.30872169	4.62552101
3.06991718	1.00E-04	0.50898051	1.06021259	0.95349361	1.31151447	2.24366864
3.54737384	1.00E-04	2.61930771	1.37940277	1.38075718	1.00E-04	1.68984479
2.22222275	1.00E-04	0.72119388	1.45943542	0.85724366	0.81755274	2.2257311
3.12189266	2.43188849	2.44647863	2.15086633	2.42379407	3.40819018	2.47062053
2.98820907	3.17569687	3.0911405	3.27657218	3.15245081	2.73351586	2.51124362
4.9077739	1.46000926	2.33036737	2.20131176	1.68317607	3.58013591	3.8223012
4.22871477	1.55888356	3.54172085	3.27142992	3.61508164	3.79474548	4.00088706
4.28839624	5.30075634	5.55329218	5.11871192	5.23458957	4.86192779	4.94765992
2.78952235	3.10163691	4.35032395	3.86077173	3.7699547	1.13698109	3.21519955
4.21875389	4.09639876	4.85663851	4.35799653	4.39924765	4.24364629	4.45600518
4.44807055	2.27388541	3.54572811	3.45927305	3.16041395	4.43586531	4.21467669
1.14545504	1.68115396	2.47613204	1.03940539	1.87964236	1.12755498	1.11640896
2.42470517	2.55550039	3.25902684	3.00372796	2.73267483	2.98339624	3.67743449
3.63714392	4.50738692	5.32670916	4.76203857	4.76402273	4.00342642	4.12982484
3.63998352	2.24045674	3.04755776	2.86728322	3.06636351	3.55620054	4.01584452
3.64811952	3.70775155	4.36121716	3.96621841	3.46363552	3.80232087	3.75168089
3.78670898	5.86807955	6.70996516	5.84005149	5.87606838	3.43884774	3.47448336
2.05976462	2.26196156	3.65855553	3.41971628	3.00054856	2.51697823	1.48223447
1.00E-04	1.00E-04	0.72690757	0.50552887	0.45661309	1.00E-04	1.00E-04
3.34521048	0.69779233	2.72237477	2.89279537	3.03405116	2.22935482	2.77046443
4.64021674	5.1339662	4.39617747	4.05172512	4.08312017	5.39270566	5.2986447
3.28587823	1.5373906	2.69129784	3.10407469	2.98316643	1.8758573	2.89053383
4.24236111	2.77999166	3.32367511	3.11802337	3.01643274	4.00423462	3.52807822
2.35801738	3.54370408	2.95293067	2.18894363	3.41810472	2.41672205	2.39769812
0.60026133	1.00E-04	1.00E-04	1.00E-04	0.25117958	1.00E-04	1.00E-04
1.82326088	4.68907444	5.19303636	4.49227551	4.59209962	3.05210298	2.73699356
2.15772549	4.11445829	4.96121959	4.64760734	4.63632428	1.39885208	1.00E-04

2.18625575	5.48346976	6.15581759	5.52960362	5.57760342	2.96209657	3.71054403
1.95703615	3.09843207	3.30754576	3.10964057	3.51916013	4.48935875	4.49025098
0.44610933	3.50967776	4.36892433	3.57110493	3.54743563	1.31151447	1.00E-04
5.07440928	3.62324561	4.65069601	4.11283215	4.28546201	5.55105233	5.5752686
1.00E-04	2.46804209	4.36681887	4.07652467	4.26465725	1.00E-04	1.00E-04
0.74156201	2.44390083	2.55257576	2.2795196	1.54196961	2.74465029	2.0715141
3.7361104	1.00E-04	1.02365059	0.81677284	0.22562086	1.00E-04	1.00E-04
2.73656538	1.2795411	0.46271459	0.3126331	1.76016982	2.06570841	3.09496215
1.08427512	1.00E-04	0.54426212	0.98594898	1.27078542	1.00E-04	1.13846495
2.88917113	4.51092229	4.97871	4.30077109	4.28737817	5.42264881	5.14296512
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.76474249	4.08468233	4.25635252	3.87725617	4.02168612	3.67588068	3.44211736
4.02176033	3.82697804	4.37841735	3.82629623	3.74648773	4.65122067	4.66442365
1.88360261	5.02078052	5.84958429	5.48967298	5.62935016	1.05970842	1.59853602
3.0531998	2.75984594	3.86854644	3.90181351	3.95333123	2.07124974	1.96050578
4.64740326	3.48614538	4.48628732	4.02050268	3.99670068	5.0788235	5.07749103
4.05686908	4.4219093	4.02701603	3.86354754	3.71443458	4.70488551	4.87200358
1.63516814	1.2546033	1.87726474	0.94665051	1.48854072	1.00E-04	1.82901488
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.87968114	4.30643296	5.27432708	4.58100451	4.78045767	0.46029024	3.38646838
4.90739947	4.56605171	5.33876618	4.83636033	4.97278784	5.04280945	5.46572003
0.79695775	1.00E-04	0.15581152	0.1894068	1.26463003	1.00E-04	1.00E-04
1.24205422	1.3386578	1.78446576	0.83137706	1.81649295	1.5325984	1.00E-04
4.21964125	3.51809894	4.28262273	3.84864702	3.77794217	3.74206397	4.54413609
1.45093639	2.4003882	3.49265993	2.81131985	2.78179421	1.00E-04	1.00E-04
1.79880852	1.3386578	1.42671752	0.93543296	2.53634886	1.00E-04	2.08093523
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.96482829	3.76764197	3.66728912	3.6401817	1.00E-04	1.00E-04
1.00E-04	1.16726039	1.31409596	2.04692323	1.33910499	1.00E-04	1.00E-04
4.59223176	3.82658845	5.01709139	4.75966109	4.90509002	4.42807262	4.89206157
3.46382758	2.18391088	3.36563874	3.22948484	3.45007711	3.43130895	3.99144642
1.82688787	1.79900252	3.31660813	3.10411153	3.07884088	1.03192925	1.41870878
0.89258431	1.00E-04	0.68061242	1.00E-04	0.62029849	1.00E-04	0.84167817
3.89882816	1.00E-04	2.63093317	2.30393254	2.43208213	3.50734557	3.15680739
1.81829102	2.88988868	3.09139061	2.91291895	2.62916166	2.62680129	1.76497111
3.31819136	1.00E-04	0.40829497	1.27391148	2.621932	4.33257905	3.1217117
2.10626684	0.7902481	2.49676024	2.56267843	3.18683135	2.35390661	1.80700575
1.64178218	1.92445541	2.24643444	1.80461572	2.03679098	1.63243852	0.89095421
1.14374569	2.89269522	4.02586437	3.41185342	3.60386789	1.00E-04	1.00E-04
1.00E-04	0.7902481	1.28064154	1.00171396	0.40375965	1.00E-04	0.48671447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.72151589	4.71990871	5.93954144	5.13868818	5.3928196	2.07213025	1.36514787
2.20296823	4.80612895	5.66588822	5.23821422	5.29789939	2.39896474	2.89878131

4.6022117	4.47522461	4.03697141	4.24439613	4.2932937	4.73957683	4.69321132
1.07536511	1.00E-04	0.74926622	1.00E-04	1.02100603	0.82693741	1.00E-04
3.706687	4.36977512	4.40677607	4.31900599	4.30298025	3.49041599	4.0631419
3.34038834	4.61125148	4.62830969	4.59774905	4.63671644	3.54496641	3.73975429
1.38691846	1.00E-04	0.34952231	0.46042154	1.56038899	0.97058651	2.46832539
0.66264689	1.00E-04	0.13106543	0.42760488	1.66172213	1.00E-04	0.97863975
0.23297528	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33066623	1.00E-04	0.35092906	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.11297674	4.72021342	5.45253891	5.63781935	5.45419561	4.73444017	4.76243106
0.27117884	2.27801923	1.00E-04	1.00E-04	1.00E-04	1.75223296	1.00E-04
1.11750414	4.83930076	5.42570696	4.69648923	4.87888486	1.60770363	1.45387478
1.00E-04	1.00E-04	0.09402275	0.09790117	1.00E-04	1.73038922	1.8134824
2.83848023	3.41269915	5.10686383	5.07485125	5.17427522	2.32776971	1.44344908
3.76598534	3.5272462	4.01729205	4.04595443	4.00573507	4.68664011	4.57074274
1.73914827	1.77524663	1.59837887	1.06890362	1.78505469	1.48565142	1.26389675
0.92261687	1.00E-04	1.23526734	0.67167802	1.78271594	1.00E-04	1.86161249
1.00E-04	1.75455336	2.48959718	1.75340046	1.62767445	1.00E-04	1.03064441
2.84056054	0.68407235	2.82716581	2.82028155	2.66298004	2.54240991	3.29125002
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.1980111
0.26858016	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.23636362
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10294237	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.98963269
2.35552973	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.53490485	3.18743087
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1136802	1.00E-04	0.10181419	0.30773212	0.41115257	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12343101	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90033773	1.00E-04	1.00E-04	0.13225393	1.00E-04	1.00E-04	1.71169438
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.00574853	2.37471738	2.54483022	2.15274724	2.8737503	2.50642675	3.28079619
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69779233	1.22319839	0.95631134	1.28905372	1.00E-04	1.00E-04
0.71115452	1.10480104	1.77313974	1.22765151	1.62681689	5.23777258	4.62420889
0.51664181	2.84530107	2.59897485	2.63684467	2.40012319	1.00E-04	1.00E-04
4.40829825	3.33630707	4.01338529	3.83301521	4.34787472	4.78823375	4.80137374
1.00E-04	1.00E-04	0.0779111	0.93165233	1.00E-04	1.00E-04	1.00E-04
1.19438503	1.00E-04	1.9301908	1.47174233	1.66465796	0.62567961	2.23047869
4.73217129	4.38591435	4.19733247	3.94391577	4.20346089	5.22410476	5.14246168
1.85831308	1.2795411	2.04066749	1.56854829	1.11711035	1.0281643	1.96125333
0.2070908	1.00E-04	0.15675136	0.26706263	1.58801697	1.00E-04	1.00E-04
2.37262989	1.00E-04	2.43472603	2.72313732	2.73470698	2.32751757	2.18049988

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.97116629	2.54576191	3.15089387	3.04588885	3.2454727	2.55519324	2.24318337
3.19861023	3.72093017	3.04942944	2.81598103	2.80223426	3.47549731	3.14515874
6.3998512	4.54530637	5.27440194	4.72200891	4.76443532	7.04371132	7.04351482
4.87543234	1.72460201	3.02015573	3.11875971	3.4236592	4.85353872	4.68291605
1.00E-04	1.00E-04	0.08765397	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53452586	0.96847026	1.07443627	1.83207305	1.13948388	1.00E-04	1.00E-04
0.57941282	1.00E-04	0.14808841	0.27931498	0.20468947	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.30134745	2.49101163	3.51838143	3.58848006	3.29540589	3.80893038	4.17043586
3.66089699	3.7283386	4.08545868	3.88719001	3.80040325	3.75525195	3.22347647
3.01835421	2.54681367	3.5969969	4.18355637	4.21582835	2.17478262	0.41275046
1.58586457	3.65645314	4.84422254	4.62541564	4.59260896	1.61211528	1.65558278
5.73003618	4.88461804	5.25213867	5.41696424	5.33150856	6.04420126	6.05080621
3.02225388	3.06625464	3.23692258	3.18013198	3.34412033	3.85970399	3.55034526
2.13931041	0.72877389	1.15240467	1.76023293	2.14860496	3.21278804	2.08166702
1.4721973	2.9236404	2.66030587	1.91493466	1.86242701	2.94850293	3.17681039
3.38774268	3.35581535	3.40857908	2.58694061	3.35017609	3.50548744	3.78110368
4.44255547	3.71643654	4.84148699	4.34564719	4.43750778	4.16617452	4.38744926
3.90349946	3.65105696	3.29061124	3.33099069	3.61340241	3.74081969	3.70717913
3.47958438	2.6005181	2.98593969	3.40295929	3.87328628	2.51679022	2.94576653
3.24658039	3.13866838	3.20777358	3.14923549	2.98222289	3.92730099	3.4243097
1.00E-04	1.16728446	2.0354632	2.0173341	2.07308804	1.00E-04	1.00E-04
1.00E-04	1.2795411	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.26021753	1.08649412	2.19841834	2.95452363	2.79841049	0.94543129	1.17961848
1.37019159	1.82790324	3.65318125	4.43217396	4.47480688	1.00E-04	1.00E-04
0.5031105	1.00E-04	1.00E-04	0.12129306	1.00E-04	1.00E-04	1.00E-04
1.10557766	1.00E-04	1.02454419	0.23414336	1.00E-04	2.03233087	0.86789477
2.89396819	2.18988631	2.54298248	1.86668628	1.75951123	2.58181367	1.88835817
3.52100303	1.2101235	3.13650231	3.07244063	3.06938142	3.24637718	3.60539159
2.29477662	3.15724015	4.20428423	3.82772101	4.12228563	3.53562487	3.32480295
4.18337962	1.00E-04	1.00E-04	0.37536227	1.00E-04	1.00E-04	1.00E-04
3.3934808	0.79637057	2.55694304	1.86759882	2.28046924	2.45222008	3.20982751
0.43075279	0.74506998	0.79648794	0.79494351	0.55157881	0.89799762	1.00E-04
4.06788769	2.8810907	3.26168904	2.6237189	2.74322879	3.99092413	4.28483519
4.47240456	3.2874813	3.12159734	3.18572382	3.47728039	4.75018131	4.9733859
2.88975093	2.49852097	3.06103674	2.64844186	2.6617701	2.85459649	3.5450542
2.48366446	1.30842654	1.86831325	1.57935264	1.8470679	2.08801012	1.00E-04
3.28913488	1.58124053	2.57383089	2.01029305	2.69726507	3.48401522	3.51153292
1.00E-04	1.00E-04	0.38459427	0.27792408	0.24597803	1.00E-04	1.00E-04
5.05595014	3.54378847	3.86223977	3.80848752	4.17068884	4.92762351	4.96434368
2.18748807	1.2269695	2.45959124	2.3212412	2.27136874	2.45782199	2.63886542

0.94559772	0.87456952	1.16685401	1.15886634	0.75965271	0.85260137	2.38457487
4.32387038	2.7092601	3.85878611	3.62548345	3.37729633	4.46823643	4.45641413
2.01445405	1.00E-04	0.64153969	0.50512667	1.35091002	1.66728182	1.82616348
0.5947417	1.00E-04	1.08575156	0.30639835	0.60284901	2.79479123	3.0077013
0.19082602	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.38098988	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.25527773	4.05371887	4.95173641	4.18831468	4.56236376	3.46737532	2.82037168
1.896346	1.00E-04	1.00E-04	0.16949462	1.00E-04	1.00E-04	1.52150205
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.13750015	0.8358776	2.25252041	1.7419118	1.37481201	1.00E-04	2.0133378
0.47423006	3.32595191	0.17360844	1.00E-04	1.00E-04	2.39119502	1.57095423
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89451564	1.00E-04	1.64014014	0.97920785	1.06685634	1.00E-04	1.00E-04
3.15387815	1.6759071	2.589502	2.71931164	2.27359859	1.67377482	2.46299416
4.38849167	1.55698649	2.83007833	2.21204974	2.5732966	3.71808081	3.33737477
5.02615812	3.46568508	4.61061303	4.22459906	4.13126794	4.51889189	4.63160156
3.0412722	3.29807535	3.63380722	3.03109884	2.97306103	3.54809018	3.24481804
3.63203909	3.57856092	2.88912769	2.42903171	2.78948126	3.8274612	3.95161696
3.24498496	1.50149173	2.96324336	3.02203374	3.28977815	2.0734637	1.97469888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07488174	1.00E-04	1.00E-04	1.00E-04
0.40541411	1.00E-04	1.00E-04	0.16301349	1.00E-04	1.00E-04	1.00E-04
0.83329163	0.87456952	0.60949923	0.28257483	0.09511513	1.22667441	0.84167817
0.126224	1.00E-04	0.09354831	0.10969326	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0741193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65684938	1.00E-04	0.5238093	1.00E-04	0.22840093	1.00E-04	0.86789477
0.49240367	1.00E-04	0.69888953	0.66744972	0.62176874	1.00E-04	1.00E-04
1.67483179	1.00E-04	0.4140154	1.70637294	1.85226926	4.94399406	5.17970448
0.91069576	1.00E-04	0.1304964	0.99182536	0.269537	4.76952882	4.77764269
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.97390529	3.94192082
1.00E-04	1.00E-04	0.09019368	1.00E-04	1.00E-04	3.98586889	4.13536734
0.8817595	1.00E-04	0.07670308	1.24571614	0.14566556	3.77125775	3.94567224
2.05622794	1.00E-04	1.00E-04	0.99182536	0.1253092	2.17350121	3.10442881
3.78496283	1.00E-04	0.50202191	0.10843982	0.13098198	2.27688909	1.00E-04
0.91260258	1.00E-04	1.47884659	0.76653853	2.27753424	1.81762957	1.9250711
1.00E-04	1.00E-04	0.27560529	1.00E-04	0.08916315	1.00E-04	0.41275046
3.89739517	1.2795411	2.45340896	1.68698326	1.67298325	1.00E-04	1.00E-04
5.54041714	3.74943575	4.68623042	4.31500079	4.36661991	5.49312742	5.63318967
3.56104725	0.72877389	2.63350931	2.44878123	2.40388944	3.04976757	3.45192542
6.38732085	4.70450676	5.79773904	5.26702228	5.50752709	6.51853169	6.64440021
3.83318762	2.31208635	3.19467729	3.18412753	3.36223145	3.75117193	4.01628415

6.09193631	4.38078834	5.24072922	4.88406423	5.0274339	6.25640992	6.44512812
3.80301608	2.44168106	3.3514851	3.50066972	3.46407494	3.1618854	2.96575741
4.72069643	3.79011547	4.55505486	4.18322284	4.35833488	4.96891796	4.9152125
1.34417898	1.84024883	2.42432014	2.56590552	2.32326782	1.86569408	0.94608236
1.00E-04	1.00E-04	0.38635818	0.97618246	0.31481398	1.00E-04	1.00E-04
1.00E-04	2.91898196	3.83438773	2.82336706	2.68653563	1.00E-04	1.69998633
0.55286349	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66971626	1.10480104	2.00551398	0.79659833	1.06138832	2.17219516	2.32825035
2.34753668	3.32389857	2.79680888	2.67499797	2.30233587	2.36480293	1.76077327
0.80613028	1.00E-04	0.17119467	0.08974194	0.29639173	1.00E-04	1.00E-04
1.88324925	1.2795411	0.43716018	0.69060342	1.09706375	1.03647332	2.46749614
4.29335882	3.0931007	4.37934233	3.91412103	4.08834117	4.65855989	4.74539133
2.44834667	0.72877389	1.24401997	1.11585426	1.14559645	2.6792702	0.9583037
4.4147462	4.83042598	5.42504067	5.03939058	4.85244136	4.0100228	4.356608
4.71730252	3.66661303	4.46918203	4.04435854	4.35225264	4.95031823	4.87990312
3.91106442	2.12075124	1.82362037	1.94449283	1.66539725	3.77344652	3.87505404
3.01244536	1.56839355	2.55041454	2.22578213	2.93998322	2.78378888	2.44273355
0.27811464	1.00E-04	0.55904751	0.09660285	0.11946472	1.00E-04	0.316869
4.57886682	4.06152289	4.74940455	4.50786269	4.52597316	4.33386902	4.87316957
1.53192247	0.76524107	2.07777302	1.98573082	1.83973777	1.65999937	1.50675156
4.65831761	4.15778593	4.35951693	4.20970967	4.05794744	4.59884789	4.88298935
1.89406804	1.24426431	1.81264582	2.2536421	2.39432529	1.00E-04	1.00E-04
1.85153085	0.68407235	1.71221277	2.03543385	2.13269666	0.77057821	2.64285927
1.00E-04	1.00E-04	0.70109226	0.52645518	1.97389591	1.00E-04	1.00E-04
3.70267433	2.68797117	2.68594021	2.97014014	2.51441055	3.55293936	3.5119239
3.87544248	2.50724327	3.69293628	4.18546886	4.01432026	2.64265473	3.60070735
1.16118445	3.99970061	4.65305482	4.19807596	4.28477524	2.43861509	1.40432744
0.14284657	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.80767423	0.8358776	2.16859549	2.08197024	1.94856728	1.94835325	2.56105419
4.27349611	1.99057814	3.80268697	3.720876	3.7154074	4.32871997	4.2635351
3.67866466	1.20118902	2.91543152	3.44359973	3.62826932	2.73520489	3.16384628
4.0275109	1.52102673	3.4462014	4.55729053	4.42039128	1.4696726	1.82036013
0.28169901	1.00E-04	0.86298084	0.88058597	0.64730028	0.62567961	1.00E-04
1.00E-04	1.00E-04	0.59948182	1.58305539	1.54119767	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1253092	1.00E-04	1.00E-04
0.53673011	0.69779233	0.71366104	0.74464748	2.37621935	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1786002	1.00E-04	0.30413795	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.51343177	0.62528682	2.00566788	1.00E-04	1.00E-04
1.15294692	4.62104714	5.78931157	6.15670805	5.83939928	0.96274275	1.80472488
1.00E-04	1.00E-04	0.08292731	1.00E-04	0.11946472	1.00E-04	1.00E-04
0.84019906	1.15660655	1.14719887	0.53970496	0.55505696	1.00E-04	1.00E-04
0.44303374	1.00E-04	0.66936544	1.00E-04	0.68937772	1.00E-04	1.00E-04
0.71691867	3.33453988	4.09224132	3.48742368	4.15845584	1.00E-04	1.00E-04

0.45301492	1.00E-04	0.19598542	0.25435799	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25803665	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.2546033	0.3587365	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20694677	1.00E-04	0.40563254	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.54692952	1.00E-04	1.08755657	1.00E-04	1.00E-04
1.00E-04	1.52450337	2.71299469	3.26014976	3.83292972	1.00E-04	1.00E-04
1.00E-04	1.3348453	1.79630223	2.36373046	3.22138111	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.52361477	0.06816182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11897115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86408913	3.45683716	4.54720654	4.98238384	4.89369824	1.00E-04	1.00E-04
1.00E-04	1.72705291	3.18153428	3.12266792	2.89113695	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08557886	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08557886	0.15507585	1.00E-04	1.00E-04
5.31094292	2.40326453	4.23782287	4.79426058	4.56738956	3.07804922	3.9661306
1.09916289	1.309432	1.96982842	2.32107361	2.68904234	1.00E-04	1.26691255
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.44012324	4.3208402	3.67264816	3.29225343	3.29023438	3.91918053	3.97862737
1.05142828	1.23689606	1.20542056	0.76075001	1.0124326	1.00E-04	1.00E-04
1.39075686	1.00E-04	0.48065222	0.72268076	0.33099349	1.85087692	1.07127105
5.45161729	4.66901507	5.58704829	5.58103246	5.50677762	5.37226479	5.5278485
3.20421944	1.43948638	2.62327776	3.28235283	2.63117877	2.20324309	2.37150028
0.47423006	1.00E-04	0.22844794	0.11299645	1.10319991	1.00E-04	1.00E-04
1.5364011	1.00E-04	0.41651937	0.77629356	0.5701264	1.00E-04	0.46517855
3.33730138	0.68407235	2.77704272	2.21743288	2.77498743	3.17338992	3.10837677
4.78677101	3.15779927	3.74980512	3.38953487	3.76420601	1.85991523	3.17970091
1.13774491	1.00E-04	0.16349923	0.09353219	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.5571333	1.00E-04	1.69504967	1.00E-04	1.00E-04
2.36585398	3.45033466	2.82844672	2.44120987	2.25190424	2.92325111	3.4594536
0.47974536	1.00E-04	1.18530736	2.05254276	1.85846296	1.00E-04	0.97863975
2.48039163	0.69779233	2.12609464	2.0775565	2.22872317	2.29982043	2.13071302
2.67936273	2.10967566	3.24914026	3.15048072	3.1507479	2.88733808	3.49904833
4.67832581	3.62541634	2.01106022	2.05659245	2.44124129	4.3261099	4.51346583
1.16411994	1.74454631	2.8641376	1.51320235	1.36438426	1.90570255	1.153275
2.51277489	2.28388226	3.02326371	3.25516368	3.22998688	1.25492789	2.94921937
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.13743364	1.97637005	2.94911258	3.41141173	3.39657479	3.98228681	3.76235494
3.02139118	2.99988569	2.63199623	2.78704528	2.48473716	2.15239873	2.62645029

1.00E-04	1.00E-04	0.10334576	1.00E-04	1.00E-04	1.00E-04	1.10337756
0.36698662	1.00E-04	1.81647626	1.26258664	1.50780087	1.00E-04	1.00E-04
1.3965186	1.00E-04	0.44946027	0.21925641	2.53184159	1.49798653	1.00E-04
3.91063311	1.19051366	2.91626603	4.02277944	3.94339118	2.19970996	2.6342605
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35501705	0.34003435	0.21404561	1.00E-04	1.00E-04
1.00E-04	2.46813679	2.83832797	2.9415661	3.26937709	1.43054211	1.00E-04
1.05813467	2.09682653	2.10628633	1.30245453	2.16578669	1.00E-04	1.26435967
1.00E-04	1.00E-04	0.48948098	0.28086345	1.00E-04	3.54444052	2.34114242
1.00E-04	1.39325402	2.534277	2.81154013	1.99049172	1.00E-04	1.00E-04
2.80354027	1.00E-04	1.28762952	0.95597532	1.9117111	1.43052926	2.85516361
1.4604736	1.73561683	2.51132581	2.51484011	2.85620298	1.00E-04	1.00E-04
1.00E-04	3.07416471	2.44625233	2.50294822	1.92484672	1.00E-04	1.00E-04
1.00E-04	1.22644621	1.01262819	1.37949535	2.55610745	1.39046758	1.00E-04
1.19403007	1.08649412	1.9822506	1.66383799	1.80693106	1.00E-04	1.00E-04
0.61867653	2.20724889	3.83826602	3.50636918	3.37289033	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34213692	0.24637631	0.30000572	1.00E-04	1.00E-04
4.45627389	2.87653994	4.64561796	4.87053998	4.76320335	3.90488726	3.68188629
3.86134143	3.2381598	3.85144895	4.04753404	3.83616671	3.91498386	3.68645726
3.34569726	0.8358776	2.49588248	3.75910042	3.33757665	1.83322142	2.83616011
4.12537862	2.47211618	3.61526673	4.37517538	4.41902363	3.02867896	2.89148148
4.30882683	1.37265105	3.5188311	4.54942378	4.36741249	1.36922889	2.11221303
3.03832066	2.16371508	2.85192864	3.29077229	3.27347102	3.10161586	2.77149154
4.41898146	2.97273298	4.24995382	4.98379998	4.61664367	3.00378857	3.55710947
3.91900941	1.79900252	3.24280032	4.03022088	4.04891807	1.91510308	3.18000381
2.77570421	1.2101235	2.70380382	2.55873426	2.57909458	2.5217713	2.15369358
3.75182597	2.29120732	3.18824671	3.12132343	2.93797506	3.87428226	3.4220062
1.56922377	1.00E-04	0.38393341	1.71316137	0.80601675	3.77652806	3.40834785
4.63725153	2.42612073	4.15265541	4.60479224	4.57360938	3.63231999	3.94608929
3.92108661	3.67718096	4.42091039	4.75494178	4.54205009	2.74907773	3.32841267
1.15448151	1.21891	2.02509892	2.39150562	2.68091916	2.78149891	3.84856279
5.56760076	4.55812106	4.62581177	4.86704092	5.12153742	4.11757889	4.69161949
4.5828166	4.25701356	4.58002867	4.09260848	4.31061353	4.81966399	5.12583068
1.06834824	0.69779233	2.02382409	0.9756267	0.69642786	1.00E-04	1.00E-04
4.60089634	4.04013249	5.00321201	4.70760518	4.52633413	4.52063332	4.50217433
4.03412657	3.8141073	4.12479054	3.98974763	4.3324003	3.88654958	4.01277647
4.64812603	3.02284138	4.45925362	4.03355383	3.99777248	4.81936546	5.12917601
5.09944289	3.89041492	4.83695469	4.61367417	4.77627665	5.11944815	5.23319823
0.53305559	1.00E-04	0.84934002	0.8039794	0.25264462	1.00E-04	1.00E-04
3.50695947	2.2663562	3.55067191	3.93695709	3.59207693	3.23037541	3.69062862
3.83229662	3.9983293	3.97442966	4.04559562	3.79713763	4.11018329	3.66735444
3.95853921	2.84409074	3.51125655	2.86351747	3.02663456	4.11130385	3.88841943
2.43410062	1.33855165	2.35911799	2.65898933	2.1950746	3.23157681	2.87986323

4.00757399	4.17203323	4.35624376	4.1087833	4.29311607	4.25839541	4.62107989
2.46230444	1.00E-04	1.35814103	1.15003379	1.88470357	2.66758949	3.39426419
5.31852737	1.00E-04	1.33231127	1.07566254	1.47359238	4.83962641	5.07223207
4.22805955	2.86247313	3.86339603	3.64171061	3.23122678	4.16548104	4.46524302
2.27021456	3.02768542	4.13796001	3.39096373	3.18736299	4.16037573	3.44938291
3.52354862	1.00E-04	1.48050516	0.59097927	0.41850899	3.28953271	3.19268049
0.10913195	1.00E-04	1.50224843	1.89739071	1.09637273	1.00E-04	1.00E-04
3.74555631	4.60233577	5.30932964	5.17672419	5.39752568	3.06704414	3.61916188
0.70548384	1.00E-04	0.94979419	0.87149779	2.30092327	1.00E-04	1.00E-04
1.82645464	1.00E-04	2.89622625	3.22903506	3.1404105	1.00E-04	0.41275046
1.00E-04	1.00E-04	1.00E-04	0.074384	0.17232922	1.00E-04	1.20679676
4.57863449	2.58927177	3.6948327	3.3026944	3.17050106	4.09369045	4.40443838
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.27891213	3.80449981	4.84223755	4.6431279	4.49720892	2.63146847	2.79133129
2.54039742	3.03838484	4.43940005	4.12106349	4.30889431	2.70796388	2.11711366
2.36890757	1.00E-04	2.18157739	1.52822612	2.14417008	2.42720541	2.86323969
3.51948976	1.00E-04	1.76371927	1.28503443	2.38320453	5.30393148	5.18840435
4.33866414	4.25359559	5.08456623	4.15644716	4.28465588	3.97785514	3.94513451
3.3541942	1.08649412	3.15497198	3.41634402	3.48747777	3.75781419	3.74297495
0.91659679	0.8358776	0.68532769	1.57326361	2.14314206	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3995358	1.00E-04	0.48351338	0.36254141	0.32784087	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	3.53400286	5.29246646	4.03642199	4.60586801	1.00E-04	0.41275046
5.6904537	5.13752097	5.42270321	4.95564417	5.13978384	5.99324199	6.09581801
5.26470733	4.59203229	4.9052821	4.50146529	4.64848197	5.45317623	5.63819655
5.91857011	4.42822965	4.51203083	5.17377968	5.10682926	5.63639137	5.78518063
4.17624444	3.42157617	3.29866381	3.30139028	3.48744111	5.93071403	6.13842146
0.38306289	1.00E-04	0.21445549	1.00E-04	1.00E-04	1.00E-04	1.22245167
0.65684247	1.00E-04	0.30128054	0.1318993	0.43512981	1.00E-04	1.00E-04
4.06442095	2.92636064	3.73742815	3.4812765	3.72725711	3.55743959	3.41143256
2.6738781	0.74506998	1.87293097	1.62612206	2.42612995	2.54094984	3.42440044
4.56402402	1.00E-04	0.79092839	0.13088155	0.11711669	5.48431828	5.51678446
1.70211335	1.00E-04	1.2170816	0.86083665	0.48942996	1.30530732	0.7070202
4.78713772	3.85709119	4.07524891	5.15729959	4.88694474	4.22319443	3.6131479
1.27485721	1.00E-04	0.65169818	0.17403974	0.09814195	1.00E-04	1.00E-04
0.49115478	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.6363427	0.68407235	3.01171465	3.16960335	3.46955702	3.16288379	3.41271816
0.90515376	1.00E-04	0.79683682	1.25448767	1.58194943	1.03499642	1.00E-04
0.11017854	0.7902481	1.78843724	1.57482978	1.39219709	1.00E-04	1.00E-04
3.31734327	3.05214436	3.87185842	3.3491503	3.17446552	5.17447567	4.74892833
1.00E-04	1.00E-04	0.11605641	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16320007	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.95578298	1.92056994	4.04619446	4.06014238	3.78059673	2.18881683	2.54995286
5.27032099	5.43322016	5.76619259	4.97823177	4.95673097	4.90476198	4.38710552
2.0373326	3.99119709	2.99394331	3.14078758	3.10130494	3.84667192	3.41980722
0.44093661	1.00E-04	1.89136152	2.56265174	2.35040879	0.88297287	1.22656535
0.38185677	1.00E-04	0.17914954	1.00E-04	0.42699116	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1141687	1.00E-04	1.00E-04	1.00E-04
1.67545317	0.8339972	1.93179559	1.52121217	1.63440429	5.38307901	5.15999141
1.53886738	4.09407873	5.2712346	4.50791721	4.59978969	1.00E-04	1.51443555
1.00E-04	1.00E-04	0.3527693	1.00E-04	0.09704178	1.38951674	1.00E-04
2.96953767	1.61075168	2.65575814	2.8266709	2.5396018	2.36139546	3.0757823
4.49144373	3.43343239	3.78929385	3.57794165	3.48027533	4.728741	4.35017856
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.03229965	1.96835714	3.06494378	3.36950312	3.45109743	3.00613561	3.63049776
4.20319029	3.38207909	3.84091317	3.64860046	4.23281722	4.36771837	4.38950984
1.38613558	1.17452218	1.38448003	1.06940765	0.76787678	1.00E-04	0.81996147
3.77421876	3.14991652	3.37968506	3.04284778	3.3445105	3.69977765	3.69693744
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11017854	1.00E-04	1.00E-04	0.17164278	1.00E-04	1.00E-04	1.00E-04
3.79459814	1.19089243	3.28013291	3.52330034	3.29346153	3.54916409	3.14847746
3.63002945	3.29713399	3.24755818	3.47634096	3.49116653	3.59277602	3.00583292
1.07182329	0.8339972	0.07819003	1.40648013	1.00E-04	0.74564767	1.00E-04
2.990394	2.68257443	3.0318054	2.94176761	2.7686742	2.99600563	3.13340674
1.90178604	1.55040551	1.69169136	1.69706651	1.95758708	1.99071126	1.77992811
3.63415239	2.62286976	3.35118068	3.48419154	2.98506526	3.56594681	3.76211711
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29005748	1.72652097	0.82014052	0.85686697	1.41490747	1.00E-04	1.00E-04
2.9568731	2.99988569	2.99916302	3.01421252	2.9279969	3.60725805	3.59967708
0.27362293	1.00E-04	0.15378692	0.18094588	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28098097	1.00E-04	0.26223987	1.00E-04	1.00E-04
5.74375573	5.57552723	6.02491595	7.01993998	6.80743053	4.2503894	5.20107634
3.06070666	1.97017223	4.33710837	3.30608181	3.9967199	2.41804781	2.672741
1.00E-04	1.00E-04	0.46097305	0.08852014	0.12945	1.00E-04	1.00E-04
3.61736486	2.59599102	3.31376612	3.62385114	3.56310435	2.50143223	3.13225352
0.89391131	1.00E-04	0.94204287	1.34497056	0.27552307	1.00E-04	1.54391513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36750997	1.00E-04	0.36313947	0.09185911	1.00E-04	0.62567961	1.15573112
4.36411487	4.22513461	4.65838995	4.6498983	4.86464525	2.11632869	3.05364379
0.65085626	3.75557175	3.97188794	3.50460213	3.74648023	1.23897179	1.07063054
1.00E-04	1.00E-04	1.00E-04	0.08223591	1.00E-04	1.00E-04	1.00E-04
0.06765176	1.00E-04	0.08167072	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53673011	1.00E-04	0.08383283	0.19168876	0.15565817	1.00E-04	1.00E-04
0.65863591	4.63099511	5.30306613	5.03286147	5.10267484	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.36400054	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13331492	1.00E-04	1.00E-04	1.00E-04	0.14478141	1.39046758	0.61083056
3.46871889	1.52102673	2.67151153	2.87926043	3.23017916	1.73800825	2.63340012
0.82320601	3.44054893	2.9762365	2.52492737	3.03040066	1.00E-04	0.81996147
1.98270353	1.00E-04	0.21648196	0.45602901	1.10319991	1.72041268	1.00E-04
1.46832499	1.00E-04	0.06504071	1.00E-04	0.16358717	1.00E-04	1.00E-04
0.8565972	0.87612072	1.25626138	0.68513177	0.57131895	1.00E-04	2.51220112
3.71444226	3.24147743	3.31986004	2.93232174	3.4377749	3.02263932	3.70852272
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62632367	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54193609	1.00E-04	0.64419091	0.86472829	0.56443589	1.00E-04	1.78242489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16549647	0.3647056	0.17638133	1.00E-04	1.00E-04
0.98119956	1.00E-04	0.98848161	0.67538095	0.31318443	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08280154	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.43718255	3.04892004	2.21375517	2.29402622	2.58913886	1.94998007	2.20484269
1.00E-04	1.00E-04	1.26283604	0.35279441	1.42982923	2.62409807	3.0450502
0.2342465	3.16258575	4.01237786	3.401008	3.74716788	1.00E-04	1.00E-04
2.41060812	0.87612072	3.02464931	2.2119628	2.38357628	2.62350458	2.3331539
2.15595835	1.30842654	1.9004069	1.48980286	1.22554799	1.40209325	2.07637767
1.93820911	1.00E-04	2.66914217	2.79096186	2.62295419	1.60924318	2.18054757
0.38562299	1.00E-04	0.89143745	1.36712479	0.82800648	1.00E-04	1.76822857
0.35609865	1.00E-04	0.20938125	0.33100904	0.43403741	1.00E-04	1.00E-04
1.04269775	1.00E-04	1.45957085	1.83048303	1.56645182	1.00E-04	0.41275046
4.73528169	1.00E-04	2.89217602	3.70074424	3.71602313	1.15464519	1.96246158
2.64640137	3.29188358	2.46123866	3.18871149	3.66652149	1.43614335	1.03279321
1.00E-04	1.00E-04	1.00E-04	0.19707548	0.12343101	1.00E-04	1.00E-04
2.39668159	1.2795411	1.0250041	1.31324751	1.75868461	1.86488554	1.47953614
2.78139183	2.10954019	2.49621334	3.30089256	3.47996581	1.56140454	2.22695498
0.5818874	1.00E-04	0.12268675	0.21760272	0.13631278	1.00E-04	1.00E-04
2.709617	3.66109836	4.38182257	4.17146175	4.32382111	2.34314242	2.43368763
2.90865049	4.35267556	5.54644713	4.5841941	4.65732489	1.00E-04	2.66422655
5.27770908	2.27038484	3.27091954	2.74356773	2.97659798	3.95233523	4.62633373
4.84692562	0.71640521	0.74401797	2.18946742	1.73354247	3.28681414	3.68703421
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.50884037	2.02654804	2.47273138	2.57334985	2.80200738	3.8576428	3.47942319
3.53127987	3.59425206	4.65126135	4.20385149	4.14571567	3.37124074	3.97928044
5.15033383	3.6712175	4.9373081	4.89271511	4.68893339	4.78854564	5.05468641
1.12513386	0.74506998	2.75545186	2.83327563	2.62043626	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32443489	0.18186236	1.00E-04	1.00E-04	1.00E-04
2.80013777	1.16728446	1.5324204	1.65242482	1.84252223	2.34236432	2.18252364

3.82151998	1.58891914	3.4045319	2.34493156	3.07439985	3.62888763	3.53029379
3.631807	1.3386578	3.25102083	2.62851743	2.6786344	3.82192517	3.97671172
1.00E-04	1.00E-04	0.16215927	1.00E-04	1.00E-04	0.71661629	1.00E-04
2.3634035	1.78494832	2.50420331	2.84507671	2.66870588	1.39838352	1.00E-04
2.59833463	0.7902481	1.80731353	1.39230725	1.20107466	1.69883854	0.97621894
2.50309025	0.72877389	1.92506157	1.66073574	1.79593377	3.22258221	3.23831336
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08093755	1.00E-04	0.19146895	1.00E-04	1.00E-04
0.16533628	1.00E-04	0.08695588	0.08680543	0.15392957	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50258216	1.00E-04	1.00E-04	1.00E-04	0.57089619	1.00E-04	1.00E-04
0.41287276	0.68407235	0.47604767	1.4089442	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10424131	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30837939	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.47539722	1.14856053	1.98034173	1.50141989	1.56320813	1.83757456	1.7881946
3.53792646	1.97017223	3.30833345	3.81769934	3.76206071	2.64271706	1.9159006
1.66631053	1.00E-04	1.59514147	1.26480156	0.98022127	2.22540477	1.00E-04
2.72571933	1.22609225	2.20233922	2.11954823	2.19760148	2.37183694	2.62058911
1.34641498	0.69779233	0.66637524	1.00E-04	0.29108695	1.00E-04	1.00E-04
1.00E-04	2.2746807	2.48605723	2.15881993	1.74470133	0.77057821	1.00E-04
0.50523522	1.00E-04	0.11897115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12677303	0.13831052	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16301349	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0741193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05474598	1.00E-04	1.00E-04	1.00E-04	0.09759627	1.00E-04	1.00E-04
1.87895763	1.00E-04	0.81810023	1.57217931	0.74595168	1.00E-04	1.00E-04
0.33711175	1.00E-04	0.17294515	0.14107641	1.00E-04	1.00E-04	1.00E-04
3.44189376	2.55326242	3.93273145	4.53849655	4.40609169	2.42139213	2.37397027
0.83136088	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89338359	2.37390681	2.05170111	2.1409315	2.16265966	2.84092594	2.34261544
1.36605588	1.00E-04	1.52173869	2.12512343	2.08259995	1.56905425	1.13612683
2.7930564	4.28088861	4.84842068	4.30383496	4.27904432	3.13034648	3.76682333
4.05788334	3.74862272	3.24421818	3.78030601	3.78402273	2.13135345	3.80698879
3.89794756	3.14828309	4.16919433	4.1481576	4.01014848	2.89822092	3.66918348
1.16501448	1.00E-04	0.09910618	0.17154006	1.00E-04	1.00E-04	2.54638108
4.37652367	2.6192194	4.05549273	4.62716855	4.50776841	2.76881419	3.88620732
2.83207962	2.98147269	3.39712932	2.80170243	2.98981817	3.37104944	2.37290187
4.25841171	4.27320857	4.65621091	4.11977449	3.83684017	5.89499168	5.91788655
3.04405893	1.97802024	2.51507811	2.34772411	2.43342883	2.86189528	3.08231647
5.18873601	3.52828838	4.49011169	4.44214178	4.39913032	4.86850638	4.87435273
3.15961615	2.99664889	2.74939372	2.22439737	2.00789965	2.87791216	3.60276219
0.1494006	3.24360071	3.99850109	3.36707524	2.66624883	1.00E-04	1.00E-04
3.82917429	3.13594693	3.53427691	3.17574035	3.63779087	4.46671719	4.07822545

2.51492537	3.14065206	2.28511144	1.94922944	1.77415624	2.44280894	2.44999462
2.08642402	2.8731403	4.01961823	3.63241597	3.84797126	0.74564767	2.31645851
0.18403988	1.00E-04	1.00E-04	0.15144185	0.15882988	1.10522239	1.00E-04
4.69033181	4.56756394	5.10448396	5.326106	5.56231956	5.00193328	5.03617618
2.90070833	1.23689606	2.66684011	2.75608789	2.71330716	3.10268041	2.98636869
1.73294378	2.31709328	2.47387789	2.12382294	2.50859298	1.83532928	2.90599685
0.46354193	3.81494062	4.42581528	3.90801011	3.73234657	1.00E-04	1.00E-04
0.22696666	1.00E-04	1.61874191	1.52857774	1.96697097	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14982152	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.32963398	3.23848859	4.28130275	4.15870556	4.50089768	1.00E-04	2.37537903
0.4381825	1.7922556	3.93974786	3.79966468	4.07455902	1.00E-04	1.00E-04
4.06442944	2.97819337	3.30955196	3.27936584	3.10237517	3.73319788	3.6837583
3.53984274	5.86209213	5.87515255	5.20563496	5.1547464	3.88671778	3.67839591
0.14419038	1.3449137	1.29654586	0.33110363	0.31386697	0.82693741	1.33164339
1.00E-04	1.00E-04	1.00E-04	0.27911553	0.44620668	1.00E-04	1.00E-04
0.90646454	1.00E-04	0.07525628	1.00E-04	0.17713548	1.00E-04	1.00E-04
1.25575809	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.24296677	2.17423779
4.33303484	3.92925787	4.30088162	3.83024594	4.01042603	4.16664417	4.28771929
2.4462017	0.68407235	1.42950528	1.76192013	1.61547984	2.51220681	2.69205352
1.00E-04	1.00E-04	1.00E-04	0.67276973	0.61980113	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16420065	0.34114224	1.00E-04	1.00E-04	1.00E-04
0.96949092	1.00E-04	0.6903017	0.78215957	1.00609244	1.75615168	1.19634596
5.60598431	3.36415245	4.46766631	4.2720177	4.58877357	5.38828632	5.84189446
2.51052903	3.09421396	2.39401797	2.38025314	2.34859388	3.87772123	3.01216965
0.70608037	1.95029995	2.7507103	2.02770081	2.91410249	0.81859263	1.29750152
4.09240046	2.79558452	3.87496938	3.408782	3.35078102	4.20178769	4.33185642
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01027586	1.00E-04	1.11090161	1.21110561	1.41359228	2.18263352	1.18035161
2.52562181	2.46501233	3.19542032	3.23035644	3.30945318	1.41521373	1.01208735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13098198	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00907253	1.00E-04	0.32582272	1.00E-04	1.00E-04	3.67212681	3.81797481
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13078833	1.00E-04	0.55560541	2.13757537	0.90691764	1.00E-04	0.316869
1.00E-04	1.00E-04	0.67408418	0.20550035	0.37115861	1.00E-04	1.00E-04
1.05067816	4.82999866	5.69372445	4.90224102	5.18657172	1.11641065	1.00E-04
0.61836413	1.00E-04	1.00E-04	0.20798538	1.00E-04	1.00E-04	1.00E-04
1.10558884	1.00E-04	0.45828344	0.31411067	0.3972336	1.00E-04	0.83430531
0.98180863	1.00E-04	1.62763968	0.74368585	0.62010381	1.5325984	1.9709187
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07911744	1.00E-04	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.12769243	1.07265012	0.5445576	0.5972253	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10531685	1.00E-04	0.26970332	0.08490835	0.28964031	1.00E-04	1.00E-04
1.9799978	1.00E-04	1.11107127	0.90746602	1.19332182	1.00E-04	0.7070202
1.8810003	1.00E-04	2.11722505	1.35861151	1.17340531	2.16650679	1.00E-04
2.5904257	2.0154418	2.81054653	2.08917665	2.69777915	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09880717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32746203	1.00E-04	0.2022555	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.44708633	3.47459825	3.53542549	4.16495825	3.82056505	2.37090664	2.77223327
2.06448697	1.00E-04	1.00090533	0.12988431	1.00E-04	1.00E-04	1.00E-04
0.67263257	1.00E-04	1.2909299	2.26426459	2.24048817	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15450124	1.00E-04	1.00E-04	1.00E-04
1.50500375	1.00E-04	0.74157237	0.51399065	0.19056315	2.20819779	1.00E-04
1.00E-04	1.00E-04	0.12748072	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09533646	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06968193	1.00E-04	1.00E-04	0.44980518	0.11639204	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1025689	1.00401751	1.00E-04	1.00E-04	1.00E-04
0.61050563	0.79637057	1.40957553	0.29758814	1.09706067	1.27329697	1.00E-04
0.84315934	1.00E-04	0.2006616	1.00E-04	0.11344173	0.88323491	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66333206	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34033488	1.00E-04	2.55715505	4.34561279	2.2611932	1.00E-04	2.30190313
1.00E-04	1.00E-04	1.00E-04	0.1373285	0.1020411	1.00E-04	1.00E-04
4.79950689	2.25880232	3.3172684	3.18207641	3.42994032	4.05114806	4.41919396
1.00E-04	1.00E-04	0.13405319	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75866171	1.00E-04	1.27851508	0.91005159	0.68364215	1.97528245	1.99019829
0.43707553	1.00E-04	0.55357446	0.32450987	0.58823442	1.00E-04	1.00E-04
0.63623249	3.73208983	4.44410414	4.26471968	4.42256352	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.93516016	1.58872355	2.6382253	2.16942403	2.59992734	3.63050156	4.09158692
1.81579593	1.00E-04	0.98348078	0.66940899	0.96469979	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08823908	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35296126	1.00E-04	0.09759627	1.00E-04	1.00E-04
0.23866549	1.00E-04	0.53615729	0.82749486	1.11718139	1.00E-04	1.00E-04

0.09031792	1.00E-04	1.00E-04	0.09660285	0.55057782	1.00E-04	1.00E-04
0.84902225	1.00E-04	1.00E-04	1.54313289	1.00E-04	1.00E-04	1.00E-04
4.26552641	2.31428725	3.82107168	3.84503185	4.11377024	3.59597102	4.192183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12343101	1.00E-04	1.00E-04
1.09552822	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90634541	1.00E-04	0.45131982	1.00E-04	0.46816671	1.00E-04	1.54282716
0.66846357	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86494787	1.00E-04
1.44892143	1.00E-04	0.66808556	1.31956129	1.40638116	1.00E-04	1.00E-04
1.46838358	1.00E-04	1.48482588	1.39839611	0.90525012	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27811464	1.00E-04	0.20795807	1.00E-04	0.25906957	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12776269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10349574	1.00E-04	0.18114668	0.2508357	0.36304533	1.00E-04	1.00E-04
2.31036315	1.00E-04	0.84017417	0.50896287	0.7166757	1.00E-04	0.68773152
1.33735231	1.00E-04	0.55916745	0.18334596	0.21894683	1.00E-04	1.01194579
1.08785019	1.59583248	1.78269016	1.546927	1.69059486	1.91968357	0.97863975
0.3329013	0.7902481	2.60737534	2.37329423	2.6432861	1.00E-04	1.00E-04
0.12491829	1.00E-04	0.19850075	0.11090815	0.45082049	1.00E-04	1.00E-04
0.42084266	1.00E-04	1.00E-04	0.11808269	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.74154595	3.6779611	3.16692605	3.14316887	1.00E-04	1.00E-04
2.12464355	1.22587756	2.34590174	1.90193833	1.45926876	1.97830785	2.38278534
1.00E-04	1.00E-04	1.00E-04	0.18334596	0.16535001	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17098137	1.00E-04	0.2250446	1.00E-04	1.31520537
1.00E-04	1.00E-04	1.00E-04	0.27896969	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06767845	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08490835	1.00E-04	1.00E-04	1.00E-04
1.22650674	1.00E-04	1.27102487	0.93350519	1.15162554	1.22667441	1.00E-04
3.74912638	1.61085165	2.64697485	3.35838279	3.25980623	2.88767893	2.82255691
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59591331	1.00E-04	0.06844824	1.00E-04	1.00E-04	1.00E-04	1.07127105
0.70621898	1.00E-04	0.20558251	0.29342783	0.4076838	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.16389419	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.4427231
1.33905794	1.00E-04	1.86407731	2.09869759	1.37449245	1.00E-04	2.47379221
1.00E-04	1.00E-04	0.20938125	0.26665573	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22708613	1.00E-04	0.09811645	0.37914397	1.76741282	1.00E-04	1.00E-04
1.93256797	1.00E-04	1.17274239	1.00850513	1.492365	1.00E-04	1.99802384

1.00E-04	1.00E-04	0.22141572	0.28582717	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0766569	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08074249	0.16753828	0.32116546	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.99926321	3.05271603	4.17278402	3.7048873	4.0329329	4.40319106	4.30253277
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58891139	0.69779233	2.03020901	1.09941905	1.30348659	2.22255763	1.74601381
1.6661392	1.23797603	1.85550946	2.3543995	1.77843368	1.40857904	1.40124383
1.00E-04	1.00E-04	0.5559975	0.25067308	1.05665809	1.00E-04	1.00E-04
0.36611105	1.00E-04	1.14948222	0.67650367	0.43991598	1.00E-04	1.00E-04
1.00E-04	1.78661623	1.27021852	1.61197733	0.61859318	0.9513318	0.40038755
4.79931485	3.08139775	4.28203103	3.92912574	3.96740885	4.38626174	4.88698785
0.35269808	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.18042507	1.00E-04
2.38288618	1.42622683	2.39614147	2.32316414	2.45921284	0.82693741	1.16015321
0.79349117	0.8339972	1.01805006	0.67126812	1.99958052	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11121198	0.15446657	1.00E-04	1.00E-04	1.00E-04
1.47153051	0.87456952	0.93255398	0.81557644	0.37254037	1.00E-04	1.29505143
1.00E-04	1.00E-04	0.10473028	0.12271058	1.00E-04	1.00E-04	1.00E-04
0.39766919	1.00E-04	0.24503909	0.08223591	0.25409788	0.86319656	1.85903195
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50931749	1.00E-04	0.48155462	0.23507081	1.00E-04	1.64068988	1.41348275
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60369961	1.61217167	1.6780692	1.97281442	2.6128044	1.00E-04	1.83589665
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86823151	1.00E-04	0.84896581	0.7117539	0.62250814	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.16726039	1.66517646	1.2654336	1.48242428	1.00E-04	1.00E-04
1.91524466	0.79637057	1.52143257	2.30348274	1.95096933	1.00E-04	1.00E-04
0.37050846	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07878522	0.79637057	1.52528441	0.78860355	0.8336475	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30689418	1.00E-04	1.13313415	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.686659	1.00E-04	0.28623882	1.31718727	1.41106209	1.37390105	1.00E-04
2.65059014	2.51384421	3.49103635	1.3461565	2.08183613	4.51783698	4.57007805
2.09441761	1.00E-04	1.05257864	1.2490694	1.08576496	1.03499642	2.56431793
2.68907885	1.44044323	2.02182454	1.67573148	1.76406879	2.08682586	1.00E-04
1.00E-04	1.87101639	1.92654011	1.98458786	2.15146087	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.10424131	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.78266587	0.30587835	0.62482316	1.00E-04	1.00E-04
3.02980196	1.00E-04	0.22136899	1.00E-04	0.14461624	1.00E-04	1.00E-04
0.53425227	1.00E-04	0.10212818	0.18224526	0.11639204	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17180207	1.00E-04	0.42461789	1.05970842	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28716169	1.00E-04	1.00E-04	1.00E-04	0.43954903	1.00E-04	1.00E-04
4.07289721	3.2580066	3.01704197	3.78473284	3.67492855	3.36138831	3.32498319
1.00E-04	1.00E-04	0.2295257	1.25681456	0.2745438	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.25224903	0.14744713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13564397	1.00E-04	0.1430058	0.13755895	1.00E-04	1.00E-04	1.00E-04
2.02454635	1.00E-04	0.85769596	1.27781147	1.37380506	2.17447292	2.04147116
1.00E-04	1.00E-04	0.20978714	1.00E-04	0.44680008	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12233227	1.00E-04	1.00E-04
1.92014945	1.1166062	1.145142	1.91206701	0.98393193	1.96591458	1.79148343
1.95779902	0.87612072	2.29880371	2.83707863	3.84696177	1.00E-04	1.39571658
2.63774343	1.88410869	3.29187673	2.67866092	2.52916445	1.16801779	1.00E-04
1.00E-04	1.00E-04	0.13734826	0.18599679	0.13718086	1.00E-04	1.00E-04
1.00E-04	3.28004686	3.74271995	3.19362653	3.28273342	1.62162851	1.00E-04
1.10390475	1.00E-04	0.20169144	0.25205247	1.00E-04	1.33183829	1.00E-04
1.45384006	1.00E-04	0.84050955	0.46363365	2.03306146	1.00E-04	1.00E-04
0.2196067	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10372144	1.00E-04	1.00E-04
0.60026133	0.87612072	0.36350767	1.00E-04	0.7715816	1.00E-04	1.79737882
3.06618213	1.24426431	2.82204477	2.59822235	3.04750182	3.23503517	1.91105225
0.36500778	1.00E-04	0.34296168	0.43440062	0.96360936	1.00E-04	1.00E-04
1.00E-04	3.6316841	3.6034726	3.32564886	3.26062688	2.94874856	2.92597015
3.01105871	1.00E-04	0.46868865	0.17154006	1.00E-04	1.00E-04	1.00E-04
1.89609312	1.00E-04	0.97702016	2.2558883	1.45966355	1.00E-04	2.32619682
1.00E-04	1.00E-04	0.07963459	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10815433	1.00E-04	0.09020196	0.41007127	0.80421748	1.00E-04	1.00E-04
2.983125	1.73192504	3.0849664	3.06401167	2.8419812	1.70000546	1.30278255
1.00E-04	1.00E-04	1.33959664	0.16903296	0.33030793	1.00E-04	1.00E-04
2.76902471	1.00E-04	2.37452993	3.8999861	3.8460215	1.00E-04	1.00E-04
2.58501658	3.39480796	2.4079095	2.32416176	1.85849793	3.15939978	2.64278922
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6026288	1.00E-04	0.23102667	0.13318497	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16130923	0.33252847	1.00E-04	1.00E-04
1.60079232	0.87456952	2.33102252	2.51991326	2.10689564	2.02287208	2.5174243
2.83682153	1.67240018	2.23271964	2.83526371	2.42657237	2.34311799	2.01859501
1.00E-04	1.00E-04	0.12994377	1.00E-04	1.23062288	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.25718101	1.00088793	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3574875	0.20185285	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.69545883	1.00E-04	0.23860462	1.00E-04	1.00E-04
2.8779429	1.00E-04	0.95786231	0.89222476	0.71582878	3.1396756	2.63242264
0.2196067	1.00E-04	1.00E-04	1.00E-04	0.18609755	1.00E-04	1.00E-04
1.77481545	1.2546033	2.11835761	1.30378765	1.3889358	2.21332192	1.93833032
1.06585239	1.00E-04	0.67509698	0.73409933	0.86876256	1.00E-04	1.60447843
0.61612738	1.74378883	2.92142643	2.74872583	3.02308483	1.00E-04	1.00E-04
1.03814577	3.55499445	4.19070591	3.65879542	3.77746069	1.00E-04	0.81996147
0.88080666	1.00E-04	0.06880281	0.4869932	1.00E-04	1.00E-04	1.89472671
1.04869938	1.00E-04	0.17390745	1.00E-04	0.11711669	1.71072814	0.49725191
3.17087054	1.6987758	2.18781648	2.72219015	2.92362431	2.18548257	2.69949045
1.00E-04	0.79637057	2.300535	2.39864594	2.43156802	1.00E-04	1.00E-04
2.2873025	3.06272458	1.07635321	0.86357152	0.13992338	0.94908439	2.54324722
1.00E-04	1.00E-04	0.34713226	1.00E-04	1.56227775	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70381428	1.00E-04	0.07819003	0.23774075	1.92245093	0.96274275	1.00E-04
1.52575061	1.00E-04	0.56549428	0.61696665	0.08916315	1.45351403	1.23636362
2.95369937	1.1971089	2.53566448	2.05889238	2.56589025	2.38015212	2.26085704
0.43955216	1.00E-04	0.94610442	1.00E-04	1.00E-04	1.00E-04	1.62673972
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72020583	1.00E-04	0.42912599	0.83244791	0.1253092	1.00E-04	1.00E-04
3.28817176	0.92068596	2.29679443	1.66158087	2.20961809	2.94708094	3.7180407
1.12631118	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.33807531	1.3386578	1.44660151	1.14541412	1.45758917	1.23897179	2.16217468
1.00E-04	1.00E-04	1.00980426	0.08624493	0.10372144	1.00E-04	1.00E-04
1.10545055	1.00E-04	1.16303637	1.00E-04	2.00906823	1.00E-04	1.00E-04
0.23127729	1.00E-04	0.41190599	0.32230878	1.00E-04	0.74564767	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01370191	1.90167217	2.58500224	1.51035527	1.68637482	2.74091624	1.99957454
0.18236427	1.00E-04	0.93817374	1.23543776	0.57104086	1.00E-04	1.00E-04
0.68635088	1.00E-04	0.42209758	0.20423382	0.12391687	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8023275	0.68407235	0.60491197	0.33340532	0.55388067	0.79958263	1.00E-04
0.22708613	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.11215786	2.27801923	0.36657348	1.00490736	1.67060277	4.20161874	3.66015638
0.50331502	1.00E-04	0.22312486	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27745095	1.20118902	2.24537241	1.40053466	2.03742667	1.00E-04	1.153275

1.00E-04	1.00E-04	0.10334576	1.00E-04	0.12125625	1.00E-04	0.62168103
1.00E-04	1.00E-04	0.15003529	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17709397	1.00E-04	0.39036793	2.06605438	0.3193699	1.00E-04	0.96655867
0.80936955	1.00E-04	0.08346022	1.00E-04	0.14148046	2.41605286	1.73951314
1.00E-04	1.00E-04	0.17340952	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17987198	0.52566988	1.00E-04	1.42432412	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.6361355	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24941874	1.00E-04	0.11639204	0.62567961	1.00E-04
0.77874747	1.00E-04	0.94496414	0.76001376	0.55445175	1.00E-04	0.97863975
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.26395512	3.58739356	1.87000805	2.89647831	3.12660237	2.03572626	1.51865279
1.00E-04	1.00E-04	0.11467877	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43566887	1.00E-04	0.4831588	1.59477657	1.46253597	1.15781278	1.00E-04
4.73050851	3.18990423	4.06314328	3.42434931	3.93620115	4.79835718	4.93411019
3.72938427	1.39582519	3.87179058	3.28695339	3.44732523	3.44150808	4.12257308
4.86949327	3.64125342	4.27913573	4.06368558	4.09729894	4.13067307	4.64201313
0.77620319	0.74506998	1.11799882	0.66449991	1.07878024	1.59645847	1.10337756
1.00E-04	1.00E-04	0.34055674	0.23170709	1.00E-04	1.00E-04	1.00E-04
1.05202021	1.00E-04	0.41916477	0.39987503	1.26022308	1.00E-04	0.62168103
1.00E-04	1.00E-04	0.07299269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.72814484	1.00E-04	1.00E-04	1.09201554	0.27263615	1.10522239	1.00E-04
0.51875395	1.00E-04	1.00E-04	1.00E-04	0.14410425	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58044849	1.00E-04	1.00E-04	0.24944257	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06405039	0.4000763	0.14455498	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11837368	1.00E-04	0.14478141	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10924105	0.1253092	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22382248	0.10659766	0.31307375	1.00E-04	1.00E-04
0.27575902	1.61685983	1.70835218	1.08825882	0.80656486	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71821975	0.74506998	0.78093923	0.50152817	0.26864872	0.84473467	1.76327975
2.09821298	1.00E-04	0.91056478	1.17366723	1.03886267	0.84473467	2.37737759
0.66749751	1.00E-04	2.18969127	0.1010866	0.71879913	1.00E-04	1.29750152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11180099	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07670308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55981923	1.00E-04	0.33059947	0.2858521	0.27309109	2.47460733	2.62045745
1.00E-04	1.00E-04	1.31360145	0.48633248	0.87467209	0.89799762	1.1853365
2.29430589	1.86791429	2.52443862	2.40404789	2.57313435	1.32310042	1.00E-04
1.01458227	1.00E-04	0.42118229	0.20868015	0.4197789	1.64001363	1.00E-04
1.00E-04	1.00E-04	0.4561796	0.90755777	0.47484267	1.00E-04	1.00E-04

0.61867653	1.00E-04	1.00E-04	0.17164278	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12977775	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.2819526	0.43760697	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11393665	1.00E-04	0.32365786	0.06816182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.86902308	0.8307543	0.60374087	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17154006	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10969326	1.00E-04	1.00E-04	1.00E-04
0.93342693	1.00E-04	0.50930966	1.00E-04	1.95439592	1.00E-04	1.40124383
0.33401111	1.00E-04	0.10435943	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34614482	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10484578	0.12277182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1053363	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62161511	1.00E-04	0.16489085	0.08852014	1.00E-04	0.95102466	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12795857	0.1476729	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24229918	0.13315922	0.15739259	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1066364	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41023034	1.00E-04	0.22359438	0.19456393	0.14152107	0.83873894	0.49725191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60459779	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.99600535	2.23429701	3.1707306	2.84409841	3.0421751	4.01035876	4.09410662
0.40974834	1.00E-04	1.46473257	0.7426336	1.11026644	1.00E-04	1.00E-04
0.82174747	1.00E-04	0.08961241	1.00E-04	0.1216717	1.00E-04	1.00E-04
0.61202499	1.65622658	0.72447092	0.7659729	2.23618814	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20822681	1.00E-04	0.08916315	1.00E-04	1.00E-04
0.5393337	1.00E-04	1.00E-04	0.27432521	0.62626434	1.00E-04	1.00E-04
0.11219505	1.00E-04	0.94129314	1.5425013	1.05568029	1.00E-04	0.99227054
1.66866847	1.00E-04	0.59985636	0.87433482	1.02684502	1.00E-04	0.87525952
1.00E-04	1.00E-04	0.11586018	0.19939512	1.00E-04	1.00E-04	1.00E-04
1.12332892	0.68407235	1.21205508	0.32392479	0.64439095	1.00E-04	1.45086484
1.00E-04	1.00E-04	0.09322287	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97506299	1.00E-04	0.1593847	0.77357616	0.12564974	2.48871279	1.07063054
1.46742878	3.3667544	2.1567863	1.68649493	1.80498352	1.00E-04	1.07063054

3.88056093	1.96477208	2.96945309	2.64218286	2.50437935	3.42073598	3.7595544
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.72877389	1.53695653	1.36208837	1.14864169	1.00E-04	1.00E-04
0.43860593	1.00E-04	1.00E-04	1.00E-04	0.12945	1.00E-04	1.00E-04
2.16675096	1.00E-04	0.97186134	0.46593478	0.4312286	1.33709243	1.26135756
0.25623606	1.00E-04	1.2350355	0.62677771	0.29170604	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11250702	0.33845344	1.00E-04	1.00E-04	1.00E-04
0.4999225	1.00E-04	1.53323467	1.38173296	1.30926527	1.00E-04	0.41275046
1.26821139	1.00E-04	0.13572153	0.22734587	0.4210783	1.00E-04	1.09929142
0.26429471	1.00E-04	0.07516994	1.00E-04	0.1253092	1.00E-04	1.00E-04
1.00E-04	1.2795411	0.24418441	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00519257	1.90987989	2.25599899	2.41077093	2.13436542	1.00E-04	1.4352796
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89292098	0.69779233	1.443904	1.32767677	2.20714039	1.00E-04	2.09231426
0.78338873	1.00E-04	1.81658468	1.56949376	1.95442845	1.22667441	1.39773885
1.4570819	1.00E-04	0.24633348	0.63934585	2.37899913	1.00E-04	1.00E-04
0.07341779	0.74506998	0.31530242	1.13954023	0.66019305	1.00E-04	1.00E-04
3.52254258	2.6801811	3.38847929	2.7342921	3.13451946	2.79884679	2.92702241
0.41152901	1.00E-04	0.32661128	1.00E-04	0.46910917	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2912903	0.15219862	1.00E-04	1.00E-04	1.00E-04
0.27861993	1.00E-04	1.00E-04	1.00E-04	0.14410425	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32676999	0.08974194	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.17726051	1.14583798	2.02255241	1.81817811	2.10344116	2.42064353	3.2383919
2.28100732	1.00E-04	0.66426237	0.76027439	0.46906497	1.43054211	2.56796232
1.00E-04	1.00E-04	0.18410464	0.25500572	0.81953573	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18243435	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14735492	1.00E-04	0.31007553	0.13013465	0.23289825	1.00E-04	1.00E-04
0.73624841	1.00E-04	0.80728053	1.00E-04	0.19089153	0.46029024	1.00E-04
1.37489585	0.69779233	0.18837827	0.25045797	1.3605421	0.74564767	1.00E-04
1.03136542	1.00E-04	0.99031193	0.35339588	0.5237045	1.00E-04	1.22245167
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26976124	1.27645478	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14404887	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27861993	1.00E-04	0.10142528	0.08490835	1.00E-04	1.00E-04	1.00E-04
0.66749751	1.00E-04	1.00E-04	0.08680543	1.00E-04	1.00E-04	1.00E-04
0.51902788	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09802713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.15743017	3.16423723	1.97032334	1.70428726	2.26290683	3.42079514	3.44316242
0.2196067	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3105362	1.00E-04	0.08326693	0.0825412	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.84276909	1.00E-04	0.31274504	1.00E-04	0.55712436
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35886391	1.00E-04	0.25494298	1.00E-04	0.26755033	1.00E-04	1.00E-04
0.08716682	1.00E-04	1.00E-04	0.52566988	0.23467918	2.38139261	1.07127105
1.00E-04	0.71640521	0.8041021	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.46867095	0.46082995	0.13536061	1.00E-04	1.00E-04
1.34412544	1.00E-04	0.91995931	1.75070417	2.14616585	0.83873894	1.01208735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09148407	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02261904	1.00E-04	2.45488618	2.62384982	2.1559373	1.58684543	2.02441772
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66297586	0.76524107	1.31984032	2.04544113	1.24915883	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4104585	1.00E-04	0.79140014	1.00E-04	0.17713548	1.50567677	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53091595	1.52557294	1.73884547	1.20018772	0.94684194	1.00E-04	1.153275
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06336707	0.8358776	0.66632003	0.4424546	1.32447077	1.00E-04	1.00E-04
1.00E-04	1.75936577	1.36010016	0.60839873	1.37127984	1.00E-04	1.00E-04
0.04764841	1.00E-04	0.06586442	0.23946757	0.32744544	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33721207	0.08974194	1.00E-04	1.00E-04	1.40124383
1.00E-04	1.00E-04	1.00E-04	0.41078253	1.00E-04	1.00E-04	1.00E-04
0.61607309	1.00E-04	0.05903671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30074705	1.00E-04	1.00E-04	0.09660285	1.00E-04	1.00E-04	1.00E-04
2.42889654	1.00E-04	2.94827107	2.84521977	2.23618912	1.00E-04	1.59837135
2.01900944	1.2795411	0.28453553	0.13214734	1.00E-04	0.86494787	2.28482055
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73314854	1.00E-04	0.29810715	0.45066072	0.67391331	1.00E-04	1.36514787
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.36444639	1.00E-04	1.50540357	1.5729604	1.58142361	2.11366549	1.00E-04
0.89515788	1.00E-04	0.62820988	0.10002134	0.42727384	1.34893268	2.11136048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85185398	1.00E-04	0.26178213	0.59837796	0.19089153	1.00E-04	1.4352796
1.00E-04	0.69779233	1.67128697	1.03709932	0.71113904	1.00E-04	1.00E-04
0.91357735	1.12553	1.84229727	1.42738574	1.1845323	1.00E-04	1.97924412

0.71626733	1.00E-04	0.28383393	0.13225393	1.00E-04	1.00E-04	1.00E-04
0.87040731	0.87612072	1.67834755	1.49803592	0.63449778	1.00E-04	1.6040066
0.42210612	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02204484	1.00E-04	2.21968902	1.61839874	0.87809727	1.00E-04	1.61782648
0.25224736	0.92068596	0.25618258	0.38861725	0.11344173	0.94908439	1.00E-04
2.55876329	3.37449947	3.07988201	2.89052107	3.42082205	3.88491975	2.82474135
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60627296	1.00E-04	0.14427195	0.13973645	1.00E-04	1.00E-04	1.00E-04
3.09060413	4.57187833	4.49478127	4.15662478	3.9230517	5.25304258	5.46190159
1.00E-04	1.00E-04	1.00E-04	0.21760272	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.65536586	1.21640771	2.80584937	2.78682715	2.87340694	3.03918443	3.05531041
0.13090406	1.00E-04	1.05240759	0.08952278	0.69892683	1.00E-04	1.00E-04
1.55340224	1.00E-04	1.70584756	2.26417317	0.68430029	0.96326844	1.09055109
1.86358996	1.00E-04	0.06880281	1.01669449	0.20371915	1.00E-04	1.69998633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.90368585	1.19749663	2.63752761	1.44147909	1.66162774	3.11205728	2.9302272
0.51214104	1.00E-04	0.18731286	0.27276879	0.76376576	1.60613996	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08167072	0.10659766	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.4141284	0.07008263	0.60692841	1.31151447	1.1787663
1.00E-04	1.00E-04	0.37454624	0.12615384	0.24087458	1.00E-04	1.00E-04
1.00E-04	2.05076435	3.06013978	2.62282556	2.62283285	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.61276638	0.30998738	0.127027	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1216717	1.00E-04	1.00E-04
0.2594041	1.00E-04	2.28451305	1.41208624	1.03347465	1.82038805	1.6988778
1.00E-04	1.00E-04	1.30752453	0.58940417	1.00E-04	1.00E-04	1.00E-04
0.51019701	2.44109242	1.98643985	1.45143447	2.59688837	0.92751185	1.00E-04
1.00E-04	1.00E-04	0.17470495	0.31292237	0.20948769	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.92751185	1.00E-04
0.91563842	2.78409146	0.67254561	0.56057793	0.55224648	1.00E-04	1.00E-04
0.24139521	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.8498637	1.00E-04	0.45033218	2.0959667	1.00E-04	1.00E-04	0.68773152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.28360403	3.05747241	2.83715783	3.06190539	3.07818305	1.78413353	2.0729799
1.00E-04	1.00E-04	0.17071345	1.00E-04	1.00E-04	1.00E-04	0.49725191
0.16999556	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.36244389	1.00E-04	0.11639204	1.00E-04	1.00E-04

0.18529938	1.00E-04	0.09649751	0.19560697	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15981333	1.3484342	2.37845179	1.97419357	1.62953936	1.00E-04	1.00E-04
0.84692099	1.00E-04	1.50177324	1.05075533	1.97490423	0.78141142	1.37881795
1.2306544	1.00E-04	1.00E-04	0.43684279	0.62477163	0.71661629	0.91051889
2.39775955	1.00E-04	1.67036594	2.34271997	2.19726446	1.0281643	1.00E-04
0.30826835	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.93601835	1.517432
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.48443291	0.55645412	0.27232943	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.48726803	1.00E-04	1.00E-04	1.98902877	1.46607815
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54053641
1.00E-04	1.77610515	1.77504726	0.93445529	1.00E-04	1.00E-04	1.35340576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21723843	1.00E-04	0.27391432	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	3.12085725	3.74417099	3.51555186	3.38068045	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06880281	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35213377	1.00E-04	0.21245217	0.52566988	1.00E-04	1.00E-04	1.80641495
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4575676	1.00E-04	0.70353948	0.98745814	1.14221541	1.00E-04	0.68773152
0.50541311	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.67300183	0.08321284	0.08815268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91394371	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.13414483	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.58910976	0.13372292	0.37369318	1.00E-04	1.00E-04
1.70500135	1.00E-04	0.76414478	0.92208953	1.80356446	1.40857904	1.29505143
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0575112	0.13125573	1.00E-04	1.00E-04	1.00E-04
0.39246059	1.00E-04	0.89145789	0.44143593	1.30211772	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62535221	1.00E-04	0.09176315	0.10426514	0.24922568	1.00E-04	1.41944138
1.00E-04	1.00E-04	1.00E-04	0.239212	1.00E-04	1.25061534	1.00E-04
2.77626441	0.96847026	2.05671955	1.92868352	2.60275907	2.52094844	2.64542655
1.21691477	1.08649412	2.10680215	1.09574522	1.62390247	1.00E-04	2.24726364
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13194555	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39832598	1.00E-04	0.09649751	1.00E-04	0.09814195	1.00662024	0.56264051
1.75182573	1.00E-04	0.81947128	0.10712804	0.31144334	2.78345136	1.40624424
1.37419818	1.00E-04	0.97081164	0.21425502	0.55100402	1.00E-04	1.6231381
2.22940764	1.00E-04	0.55699292	0.429972	1.20768657	1.00E-04	1.00E-04
0.69237272	1.00E-04	0.06586442	0.53556562	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8358776	1.49479428	1.20019294	2.09580618	1.00E-04	1.00E-04
1.80584052	0.71640521	2.42814819	2.38270353	1.43204553	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31640031	0.15733378	0.13820197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05757999	1.55002686	1.60101796	1.01453932	1.44801801	1.00E-04	1.32622841
1.00E-04	1.00E-04	1.16646843	0.25738656	0.12945	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22999821	0.25960266	1.00E-04	1.00E-04
2.64873364	1.00E-04	1.01817429	1.40769429	1.21926872	0.95102466	1.26215921
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.39973836	1.00E-04	1.00E-04	0.21853235	1.00E-04	1.7257319	1.00E-04
1.00E-04	1.00E-04	0.08346022	0.26519032	1.26420736	2.04494136	1.00E-04
0.07341779	0.87456952	1.17224906	0.57238433	0.50435004	1.25061534	1.00E-04
1.89167983	1.00E-04	0.86103253	0.36292811	0.1020411	1.00E-04	0.68773152
0.09983193	1.00E-04	0.11605641	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73722258	1.99763433	2.34164235	1.89741356	1.85410951	3.34065273	2.49229918
1.00E-04	1.00E-04	0.09354831	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09485785	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.46778847	0.87612072	2.15072906	1.04505389	1.10235394	1.00E-04	1.00E-04
0.87935639	1.00E-04	0.29331014	0.34097978	0.74681988	1.00E-04	0.316869
0.50144716	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.2336012	0.52219043	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36878833	1.00E-04	0.7135241	0.49442507	0.43409738	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.81385932	1.2795411	1.90345813	1.55768867	2.00635157	2.88320732	2.92177287
0.32951397	1.00E-04	0.33253132	0.08509915	1.00E-04	1.00E-04	0.78143134
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.85000413	0.12343101	1.00E-04	1.00E-04
1.36621968	1.00E-04	0.05903671	1.00E-04	1.00E-04	1.00E-04	1.09055109

2.95748019	2.27801923	2.0739276	3.17252343	2.74457309	4.96119825	5.57408154
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51281325	1.00E-04	0.66237359	0.23729784	0.41674858	1.00E-04	1.15573112
2.97833964	1.66648588	2.6065956	2.35108105	2.61246017	2.23939694	2.14593101
0.73489506	1.00E-04	1.05302958	1.57368348	1.04829997	1.00E-04	0.83430531
0.81516337	1.00E-04	1.00E-04	1.00E-04	0.33432896	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.05413385	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80240493	1.00E-04	1.18087487	0.56112576	1.12041143	2.46757977	1.70725393
2.12860488	1.00E-04	2.27851433	1.38406794	2.22004114	0.81859263	1.00E-04
0.22450226	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30376783	1.00E-04	0.8659092	1.95004877	1.11721091	2.21294068	1.5386841
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8395567	0.71640521	0.66196619	0.34420707	0.48276366	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93993826	1.00E-04	0.20296825	0.44570454	1.53366462	0.74564767	1.00E-04
0.17029242	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.10457566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.47233972	0.19218098	0.43367065	1.00E-04	1.00E-04
1.00E-04	0.8339972	0.32460291	1.00E-04	0.23665012	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21280737	1.00E-04	0.20279634	0.31883204	0.30653339	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09060953	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03002635	1.00E-04	0.53881883	0.17403974	0.19146895	1.34744982	1.07063054
0.40739672	1.00E-04	0.45397014	0.53704956	0.50689829	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.92518261	1.33960845	1.82195151	1.00E-04	1.00E-04
1.60425955	1.00E-04	0.96440718	0.29370057	0.28231602	1.66181256	2.08728809
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43450677	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18483345	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.4452625	0.24077769	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.61459469	0.36516569	0.12792029	1.00E-04	1.00E-04
0.66692679	0.8358776	1.03730782	2.08445575	0.75081876	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.45111534	0.34235025	0.58746073	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0741193	0.33496942	0.14152107	1.00E-04	1.00E-04
1.24007985	1.00E-04	0.41858738	0.08223591	0.44319198	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.2795411	0.07209144	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84860918	1.00E-04	0.88903281	0.26862474	0.19634356	1.29436322	1.72829419

3.34249512	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55548966	1.00E-04	0.50827015	0.3234502	0.56625271	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.62301103	1.17963862	2.95969163	1.00E-04	1.00E-04
0.53066354	1.00E-04	0.23050648	0.09261958	1.00E-04	1.8680082	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.23726179	0.15290548	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08971332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14152107	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.24021803	1.20985696	1.30831056	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97549155	4.12469917	4.22826939	3.61237788	3.34731527	2.34989504	2.1697305
0.12693838	1.00E-04	1.00E-04	0.71103494	0.88318362	1.00E-04	1.00E-04
0.54601292	1.00E-04	1.56596926	1.62772421	1.13321117	1.00E-04	1.00E-04
0.17385489	1.00E-04	1.54769926	2.18255807	2.73612389	1.00E-04	1.09055109
1.00E-04	1.00E-04	0.16936324	0.14768505	1.00E-04	1.00E-04	1.00E-04
0.12491829	1.00E-04	1.21725505	0.39188819	0.48762424	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.23546818	0.51183432	0.79727854	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28135242	0.72877389	0.61433495	0.8071531	0.09814195	0.68203783	1.78231308
1.00E-04	1.00E-04	0.96071668	0.22834815	0.56884998	1.00E-04	1.00E-04
1.95629673	1.00E-04	2.42687932	2.23041946	2.09627951	1.38140293	2.0287174
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12792029	1.25061534	1.00E-04
1.71893036	1.00E-04	0.82051054	1.1000391	1.21367797	0.82693741	1.14061365
3.07935906	1.00E-04	1.5670068	1.31672536	0.99746858	2.30311969	1.63865334
1.79555533	1.00E-04	0.68496408	0.2449231	0.3428463	1.00E-04	1.7989255
0.11105565	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10142528	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.38344453	0.43350171	1.08754104	1.00E-04	1.52813976
0.25761672	1.00E-04	0.84578379	0.15144185	0.18352605	1.27827907	1.33164339
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10913195	1.00E-04	2.80009396	1.03511883	0.75808278	1.00E-04	1.83356815
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18977562	1.00E-04	0.77100052	0.28732504	0.12125625	1.00E-04	0.35134699
1.00E-04	0.87456952	0.94982798	1.10768355	1.27456815	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.98012878	1.43063249	3.09889805	3.98923504	4.0745165	2.18753711	2.40927247
0.90545047	0.7902481	2.24227143	2.15968492	2.66035233	1.31443423	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1216717	1.00E-04	1.00E-04
0.89667263	1.00E-04	1.26910126	0.61393571	2.02073196	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.57296914	0.48376889	0.86018671	1.00E-04	1.00E-04
1.9802684	3.81378037	4.31433733	3.86142145	3.99073053	1.00E-04	0.72495184
0.48903796	1.00E-04	0.0759014	1.00E-04	0.14410425	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21971254	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.40336409	1.16726039	0.19891815	0.34628046	0.44846755	1.45249401	0.54053641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08383044	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12694784	0.10561401	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08961241	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.16419971	1.23797603	3.24388414	3.30760543	2.84922389	1.76163119	2.91643251
2.98447785	1.47804223	1.49091417	1.67308921	2.01952479	1.22466735	1.38973757
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15653713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53085058	1.00E-04	0.92274227	1.02590199	0.18609755	0.84497321	0.55712436
1.00E-04	1.00E-04	0.09533646	0.21355135	1.02913393	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.58012452	0.26150828	1.00E-04	1.00E-04	1.00E-04
0.85214101	1.00E-04	1.77250158	1.16542548	1.85922689	1.31151447	1.00E-04
1.00E-04	1.00E-04	1.25938702	2.68578098	2.15061459	0.68203783	1.00E-04
0.21845696	0.71640521	1.87088597	1.41842407	0.86361427	1.00E-04	1.00E-04
1.55322638	1.00E-04	0.48244028	1.29504278	1.47422892	0.72869785	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87612072	0.43261859	0.20897198	0.09523547	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12204958	0.24874952	1.00E-04	1.00E-04
0.71333496	1.00E-04	0.06767845	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.94888112	1.16321618	2.86700551	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09802713	1.00E-04	1.00E-04
1.46331512	1.00E-04	0.84793553	1.0899058	0.81860565	2.31754663	1.54391513
3.20944333	1.00E-04	1.5250238	1.6079442	1.50270464	1.61273039	1.32157107
0.43015521	1.00E-04	0.26530717	0.54654722	1.97788161	0.94908439	1.00E-04
1.00E-04	1.00E-04	0.36812623	1.00E-04	0.48524354	1.00E-04	1.00E-04
0.06336707	1.46073695	1.96469019	1.08702491	0.90237069	0.46029024	0.98620672
0.9856036	1.00E-04	0.10142528	0.09261958	0.20371915	1.00E-04	1.15573112
0.20129929	1.00E-04	0.4933755	0.87113494	1.79052473	1.00E-04	1.00E-04
0.18529938	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20591103	0.30413804	0.21251484	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.75958649	0.6195523	1.33961432	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22709648	0.18957688	1.00E-04	1.18042507	1.00E-04
1.82303408	1.309432	1.27800459	1.42110505	1.70936536	1.11641065	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.44721074	2.296212	1.62040329	1.98720094	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.39893895	1.00E-04	0.12945	1.00E-04	1.00E-04
3.10621108	1.38902216	1.26919956	1.15077502	1.15297621	1.18371736	1.46607815
1.00E-04	1.00E-04	1.00E-04	0.11090815	1.00E-04	1.00E-04	1.00E-04
0.83831074	1.00E-04	0.18843814	0.32946835	0.88310521	2.33779674	1.75658197

1.16301048	1.00E-04	0.16737891	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72366089	1.00E-04	1.79141792	1.49241623	1.10171	1.00E-04	1.00E-04
1.33244243	1.00E-04	0.0691919	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7902481	1.12838333	0.6866004	0.71105994	1.54481655	0.56264051
0.46376582	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88581958	1.00E-04	1.41708257	1.81827513	1.12587518	2.21470091	1.73338933
0.28119945	1.00E-04	1.00E-04	0.08974194	1.00E-04	1.00E-04	1.00E-04
1.71950642	1.00E-04	0.73396273	2.54755927	2.00684669	0.72869785	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42953013	1.00E-04	2.44986558	2.15553091	2.34394269	0.72869785	1.00E-04
0.13394589	1.00E-04	0.18693244	0.28769585	1.81988314	1.00E-04	1.00E-04
0.43960234	1.69126771	0.56358519	0.73459963	0.78395862	1.00E-04	0.62168103
1.06370252	1.00E-04	0.67422931	0.14399149	0.39843515	0.96326844	1.00E-04
0.48539162	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24693679	0.08557886	0.1253092	1.00E-04	1.00E-04
3.77175019	1.00E-04	1.39816769	0.99018876	1.53486865	2.13707729	2.62094589
1.00E-04	1.00E-04	0.34982906	0.28255925	0.52455287	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.6003146	1.00E-04	0.19089153	1.00E-04	1.936037
1.00E-04	1.00E-04	1.00E-04	0.24817475	1.00E-04	1.00E-04	1.00E-04
0.58760981	0.87612072	0.71210743	0.31105956	0.42305359	1.00E-04	1.00E-04
4.14074882	2.66771895	3.90660905	3.00823431	3.81173837	4.60549968	4.4975753
1.00E-04	1.00E-04	0.21593536	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04379753	1.00E-04	0.09377747	1.00E-04	0.38271116	1.00E-04	1.00E-04
2.2338092	0.8339972	2.62470565	2.27114082	2.50442549	2.48140543	2.56278987
1.36330534	1.00E-04	1.51394923	1.06268519	1.36214847	1.00E-04	1.00E-04
0.10260419	1.28142983	1.55276005	2.00947545	2.40482469	1.00E-04	1.00E-04
1.27868963	1.00E-04	0.26735546	0.0822006	0.19089153	1.00E-04	0.97863975
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.57453667	1.00E-04	0.23467918	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.81142404	1.00E-04	0.11779102	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.3081371	1.00E-04	1.00E-04	1.00E-04
0.19984034	1.00E-04	1.00E-04	0.09660285	1.12738558	1.00E-04	1.00E-04
2.72701039	1.00E-04	0.74056248	0.60501544	0.78479105	1.00E-04	1.25654185
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32513761	1.00E-04	0.43121189	0.41135692	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54572502	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25365118	1.00E-04	1.00E-04	0.52566988	1.00E-04	1.00E-04	1.00E-04
3.10731514	0.76524107	0.36100027	0.13719716	0.40266454	2.06161847	1.14754495
2.61199769	1.00E-04	1.00E-04	1.00E-04	1.50031632	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82679534	0.74506998	1.80701005	1.75717864	1.87991392	2.34407201	2.81242153
2.79321281	1.00E-04	0.41745489	1.00E-04	0.15290548	1.92912646	2.01203885
1.40276258	1.00E-04	0.26872238	0.43646625	1.00E-04	1.7885998	0.56264051
0.76582752	1.00E-04	0.64450741	0.77810443	0.38170808	1.00E-04	1.00E-04
3.65404522	1.00E-04	1.00E-04	1.00E-04	0.09759627	3.11431484	2.57936774
0.60018822	1.00E-04	0.30097951	0.38184746	1.19834652	1.00E-04	1.00E-04
1.03951929	1.00E-04	0.82058692	0.25827354	0.72445859	1.00E-04	1.00E-04
0.68623302	2.5528966	3.26356725	3.67826153	3.07479115	1.00E-04	1.00E-04
3.87723975	3.5615087	3.84655154	3.37112526	3.37367935	4.63803279	4.03670029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13090406	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11782594	1.00E-04	0.83002301	2.13576669	1.31510934	1.00E-04	1.69548682
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.23591674	1.00E-04	1.00E-04	1.00E-04
0.67875957	1.00E-04	0.10639386	0.71252237	0.19335022	1.03499642	1.1787663
3.18995548	0.72877389	2.72187226	3.13657562	3.42822781	2.92363981	3.49219853
1.24446513	1.00E-04	0.70511927	0.5348587	1.03444785	0.81755274	1.30147082
0.06765176	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63472377	0.71640521	0.85392581	0.78799688	0.63284793	1.00E-04	1.00E-04
1.00E-04	0.72877389	0.32779187	0.5256676	0.46574555	1.00E-04	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71227191	1.00E-04	1.15978639	1.40861273	1.30600789	1.00E-04	0.40038755
0.06718044	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09322287	0.49252811	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25044987	1.00E-04	1.00E-04	1.00E-04	0.15169238	1.00E-04	1.00E-04
0.13756929	1.00E-04	0.76857677	0.47628314	0.70531338	1.00E-04	0.97863975
1.00E-04	1.28232395	1.94978108	1.20240504	0.83327107	1.00E-04	1.00E-04
0.1671021	1.00E-04	0.35458944	0.24432456	1.00E-04	1.00E-04	0.7179807
1.58637114	0.8358776	1.45798762	1.32818689	0.60658855	1.00E-04	0.35134699
1.52397484	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31943806	1.00E-04	1.49769743	1.4616041	1.27464748	1.00E-04	1.00E-04
0.52431246	1.00E-04	0.19689674	0.08624493	0.19146895	1.00E-04	1.00E-04
0.77737377	2.87368826	3.65557456	2.9855936	3.36314461	1.40857904	1.00E-04
1.54171873	1.00E-04	1.97468119	0.9929837	0.96403473	1.00E-04	0.82486735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.46943374	1.00E-04	0.46053126	1.84601575	0.70167896	1.00E-04	1.00E-04
5.87255953	5.72795953	6.28270327	6.07203321	6.15060401	5.5830269	5.96324789

0.3105362	1.00E-04	1.00E-04	1.00E-04	0.17232922	1.00E-04	1.00E-04
1.28162184	1.00E-04	1.35096765	1.65114055	1.65483409	0.62567961	1.00E-04
0.24340868	0.79637057	0.09019368	0.10087646	1.61256519	1.00E-04	0.81245127
1.00E-04	1.00E-04	0.09186897	0.11868081	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8358776	0.73231638	0.54531631	0.38646736	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44514038	1.00E-04	1.59211213	1.69724066	0.99559807	1.00E-04	1.50363461
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39832598	1.00E-04	1.00E-04	0.0825412	0.35638543	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40769986	1.00E-04	0.09811645	1.00E-04	1.00E-04	1.00E-04	1.46347951
0.24473563	1.00E-04	0.50222995	1.19601616	0.45042119	1.00E-04	1.00E-04
0.27293106	1.00E-04	0.07655967	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.69073054	1.00E-04	0.143122	0.20911443	1.00E-04	1.00E-04	1.00E-04
1.45803543	1.3386578	1.20524544	1.5559267	1.10815104	1.82065578	1.81095361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07387831	0.72877389	2.48870722	1.66095234	1.66537841	3.61898637	3.45543266
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09565186	1.00E-04	1.26389675
0.67372956	1.00E-04	0.94035965	2.33610462	2.05170697	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67566434	1.00E-04	0.66765502	1.46436538	2.19838496	1.00E-04	1.32157107
1.00E-04	1.00E-04	0.33098058	0.15845674	0.40392127	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.67643214	0.08961591	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06844679	1.00E-04	0.05903671	0.18960887	0.09523547	1.33356452	1.00E-04
0.19336288	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45183453	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76541729	1.00E-04	0.36894197	1.00E-04	0.5511667	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.25663576	0.09511513	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07963459	0.1318993	0.24051857	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46057765	1.00E-04	0.10137643	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13297974	1.00E-04	0.70666279	1.00E-04	0.58524258	1.13698109	1.51560625
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59435605	1.00E-04	1.02314763	1.04910492	0.52550985	2.10036139	2.97410809
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13820197	1.00E-04	1.00E-04
0.58361322	1.00E-04	0.71812299	0.09353219	0.35111897	1.00E-04	0.35134699
1.00E-04	1.00E-04	0.10661325	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88547579	0.87612072	1.97121457	3.30589695	2.82234285	1.00E-04	1.00E-04

2.89449349	3.04654373	1.08745899	2.10615023	1.32254937	1.00E-04	1.82765445
1.00E-04	1.00E-04	0.30507111	0.07375842	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20388205	0.09523547	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0688269	1.00E-04	0.36118306	1.12755498	1.00E-04
1.11793305	1.46591335	1.17447122	1.08432719	0.98389508	1.76355352	1.87476924
0.38906488	1.00E-04	0.55429463	0.55578063	0.60347795	1.00E-04	1.826316
1.00E-04	1.00E-04	0.09176315	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.74023651	1.00E-04	0.30281189	1.00E-04	1.00E-04
0.26535312	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32730808	0.87612072	2.37036916	2.19628365	2.68822203	2.31210526	1.6535282
0.50879498	1.00E-04	0.47323887	1.10289672	0.23015016	1.00E-04	1.00E-04
1.00E-04	0.8358776	1.33894985	0.76467027	0.65088742	1.00E-04	1.00E-04
0.39079763	1.00E-04	0.64617246	2.39275106	2.57145134	1.00E-04	1.00E-04
2.2202042	3.49916582	3.38667468	3.23739979	3.66045679	1.9712944	1.81930692
3.26627142	3.63979509	4.01353455	4.14347161	4.17690375	2.9949706	3.26637424
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.79787261	1.00E-04	0.17615744	1.00E-04	0.27269893	1.00E-04	1.00E-04
2.13676226	1.2795411	1.51939682	1.59441599	1.9560921	2.69003829	1.00E-04
0.21723843	1.00E-04	1.95482543	1.22736265	1.15673355	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.10142528	0.36949079	1.00E-04	1.00E-04	1.00E-04
0.28289457	1.00E-04	0.89226615	2.1031787	1.33436056	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08188698	1.00E-04	1.62964865	0.19145533	0.31103912	1.00E-04	1.37497791
1.00E-04	1.00E-04	1.17408332	0.79177696	0.57832787	1.00E-04	1.00E-04
4.0396794	2.34360285	4.92997086	2.9562488	3.48740277	3.99713718	4.84679269
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.62901426	1.14179592	0.47305088	1.00E-04	1.00E-04
2.16419136	0.68407235	1.20446825	0.529058	0.38688913	1.00E-04	1.00E-04
3.03403943	2.60298842	3.68059835	3.35892022	3.42677977	2.6210491	1.00E-04
2.00840972	3.34962995	2.19093011	2.56983094	2.29705272	2.65439921	1.01208735
1.00E-04	1.00E-04	0.13729064	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20808699	0.35487617	1.00E-04	1.00E-04	1.00E-04
0.06759249	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.38765282	2.32337163	3.08939032	2.89405596	3.15643816	3.92575648	4.18820237
1.20272875	1.00E-04	1.77919015	1.43478547	1.29509744	1.46021335	1.00E-04
1.63167061	1.19089243	0.79969142	0.46216811	0.28837474	1.25810378	1.50363461
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.84051958	3.50817362	3.60774791	2.67428557	2.99288553	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2071525	0.233241	0.12945	1.00E-04	1.00E-04
2.00409752	0.68407235	1.02420982	1.15597832	1.24580369	1.60988194	1.00E-04
1.56463513	1.17452218	1.28866666	2.17750572	1.08422211	1.00E-04	1.06680503
3.2013243	1.00E-04	1.45038752	2.29946884	2.22115558	2.77038914	2.82394828
1.00E-04	1.00E-04	0.08961241	1.00E-04	0.18101271	1.00E-04	1.00E-04
0.28575302	1.00E-04	0.09649751	0.14399149	0.28231602	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80864856	1.12950432	0.64828857	0.48538876	1.00E-04	1.00E-04	1.00E-04
0.258347	1.00E-04	1.00E-04	1.00E-04	0.16978193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24152239	0.07375842	0.18101271	1.00E-04	1.00E-04
0.13394589	1.00E-04	0.17954859	0.48758876	1.00E-04	1.00E-04	1.4632902
1.03805245	1.00E-04	1.19005696	0.07488174	1.66612731	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14749497	1.00E-04	1.00E-04	1.00E-04	2.30524271
2.39036714	1.00E-04	2.75671725	2.10461014	2.62122556	2.4634653	3.28748925
0.56443882	0.8358776	0.19135209	0.42460574	0.42107594	1.00E-04	1.00E-04
0.16484259	1.00E-04	1.00E-04	1.00E-04	0.18609755	1.00E-04	1.00E-04
1.00E-04	0.69779233	0.56445849	0.25731195	0.35327706	1.00E-04	1.00E-04
1.93108158	1.33386508	2.93579514	1.93217625	2.08270694	1.00E-04	2.1917512
1.34948878	1.00E-04	0.3132401	1.21634959	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.5339793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0746918	1.00E-04	1.00E-04	0.08974194	1.00E-04	1.00E-04	1.00E-04
1.31878831	1.19089243	0.96081116	0.71596884	0.770162	0.46029024	1.19626579
2.96884576	1.00E-04	1.50643572	0.91181104	1.63767042	2.22606886	3.04725082
1.14819346	3.10660231	2.03067005	2.63015461	2.67469019	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13922468	0.08509915	0.08916315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50192899	1.00E-04	0.9299625	0.34661263	0.46935613	1.00E-04	1.00E-04
0.19336288	1.00E-04	1.00E-04	0.15878577	1.00E-04	1.00E-04	1.00E-04
0.85426826	1.00E-04	0.44660749	0.43957605	0.4669348	2.12443933	0.62168103
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21392122	0.30003261	0.44923252	1.00E-04	1.00E-04
1.63220731	1.00E-04	0.40936132	0.52376223	0.71530372	1.9819846	1.77854924
0.81817954	1.30959702	3.54065662	4.11349113	4.05840592	1.51042251	1.00E-04
0.22177449	0.92068596	0.15728919	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.57359933	0.79637057	1.04414003	0.70746208	0.58624523	1.75946951	2.31746021
1.545521	3.27997693	3.53329889	3.50473579	3.47907102	1.00E-04	1.84784105
0.37155725	1.00E-04	0.54708244	0.78619195	0.48282036	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.67203223	0.12129306	0.14566556	1.00E-04	1.00E-04
0.37834313	1.31921957	1.66822588	0.49294574	0.30407156	1.00E-04	1.00E-04
0.653149	3.75803868	3.75218356	2.86908469	2.83306093	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.82363641	0.79148492	0.90700238	1.00E-04	1.00E-04

0.47423006	1.00E-04	1.00E-04	1.00E-04	0.14148046	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0691919	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91492524	1.20118902	0.96007296	0.88229105	1.01972451	0.79838122	0.81245127
1.10459868	2.21136527	2.67691108	2.31044606	1.74824619	1.00E-04	0.9583037
2.4688583	1.28581113	2.14332117	1.25416655	0.93965066	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23526436	1.00E-04	1.00E-04	0.44916772	0.20458699	1.00E-04	1.51619488
1.1058889	1.00E-04	0.19378599	0.67220359	0.46797163	1.00E-04	2.27226014
1.00E-04	1.00E-04	0.15070738	0.12988431	0.22290238	1.00E-04	1.00E-04
2.41524935	2.06762148	3.0666672	3.45728323	3.63151419	1.00E-04	1.4418399
0.65556291	1.00E-04	1.07787873	1.39176566	1.96364236	1.00E-04	0.96655867
1.00E-04	1.00E-04	0.26249294	0.32520732	0.13718086	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23915995	1.00E-04	0.1253092	1.00E-04	0.81245127
1.44446695	2.48780178	2.78565266	1.84997355	2.90266331	0.81755274	0.83430531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.56822147	0.42405637	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09161201	1.00E-04	0.32253885	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25687449	0.0814007	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73474725	1.00E-04	0.43920763	0.56370077	1.40723846	1.00E-04	1.10457566
0.06301971	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9618884	1.12553	0.34730997	0.10659766	0.61306798	1.00E-04	1.03441279
1.00E-04	1.00E-04	0.19154146	0.11095817	1.00E-04	1.00E-04	1.00E-04
0.61175103	1.00E-04	0.16549647	1.00E-04	0.20931032	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.81936793	1.00E-04	1.00E-04
1.85425341	1.00E-04	0.51756569	1.30033159	0.32372364	1.05970842	1.00E-04
0.18403988	1.00E-04	0.09768721	0.39947576	0.30941341	1.00E-04	1.00E-04
1.42439074	1.00E-04	0.1529265	1.00E-04	1.00E-04	1.0281643	1.00E-04
2.67004747	1.00E-04	1.03284265	0.98122012	0.74955496	2.19698007	1.14061365
1.02803948	3.73525007	2.17855001	2.08635348	1.6952084	1.00E-04	1.00E-04
0.20559333	1.00E-04	0.10402423	1.00E-04	0.12391687	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10695841	1.00E-04	1.00E-04	1.00E-04
0.83138596	1.00E-04	0.48718865	0.2561507	0.18101271	1.25061534	1.00E-04
0.72970561	1.00E-04	0.24471213	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74506998	0.09402275	0.22243015	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09031792	1.00E-04	0.07268679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06601956	1.00E-04	0.68947705	0.1819608	0.29134079	1.00E-04	0.61083056
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.01446146	1.16728446	2.40111394	2.57727919	2.35070049	2.07622568	2.44229244

0.14735492	1.00E-04	0.17706812	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90558125	0.96847026	2.48108576	1.68301482	2.2090831	4.10804718	4.09716232
0.80740747	1.00E-04	0.09186897	0.4055775	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.99502895	1.85240053	1.78908411	1.70754429	1.00E-04	1.00E-04
0.375354	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43290667	1.00E-04	0.90051375	1.06153879	2.21610966	1.00E-04	2.15916261
2.77140953	1.2795411	0.37721674	0.22211318	1.00E-04	0.92751185	2.13999356
2.55358625	1.00E-04	0.33508828	0.93450205	0.61944561	1.94399772	0.92052278
0.22708613	1.00E-04	1.00E-04	1.00E-04	0.2131857	1.00E-04	1.00E-04
0.25044987	1.00E-04	0.59469039	0.63301802	0.66301072	1.00E-04	1.502599
2.98235556	1.00E-04	0.0691919	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0779111	0.21920726	0.15169238	1.00E-04	1.33164339
1.00E-04	0.96847026	0.65286538	1.19514166	0.65733768	1.00E-04	1.00E-04
0.95196344	1.54462483	1.75490526	1.23403662	1.35321803	1.00E-04	1.00E-04
1.00E-04	1.1166062	1.58211127	0.50207576	0.74998933	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20626246	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2439404	0.68407235	1.20007788	0.98092162	1.7376653	1.61211528	1.00E-04
1.00E-04	1.00E-04	0.49568981	0.12277182	1.00E-04	1.00E-04	1.00E-04
1.44595289	1.00E-04	2.05276784	1.76091215	1.39982569	1.00E-04	1.01331358
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08624493	0.15290548	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17818339	1.00E-04	1.00E-04	2.32628991	1.00E-04
2.74426093	1.00E-04	1.23523157	1.70487846	1.11173775	0.46029024	1.00E-04
0.35478322	1.00E-04	0.17571744	0.06816182	1.00E-04	1.00E-04	1.00E-04
0.79716405	1.00E-04	1.00E-04	0.29522942	1.00E-04	1.00E-04	1.00E-04
1.41364243	1.21640771	1.4220821	2.10597103	2.26049769	1.00E-04	0.7214142
0.06765176	1.00E-04	1.00E-04	0.35539241	1.00E-04	1.00E-04	1.00E-04
1.67373682	1.00E-04	0.61435386	0.68529637	0.90100434	1.00E-04	1.75192853
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27406608	1.00E-04	0.29584179	1.00E-04	0.12792029	1.62186098	1.00E-04
0.04764841	1.00E-04	0.09148407	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25618596	1.00E-04	1.13794717	1.00E-04	1.00E-04
1.10000407	0.87456952	1.39784442	1.4892771	1.13394981	1.00E-04	1.00E-04
2.66158685	1.00E-04	1.38061672	1.14405526	1.59700894	2.41676491	2.54322077
0.3329013	1.00E-04	0.17596413	0.22595525	0.09863458	1.00E-04	1.00E-04
0.41073428	1.00E-04	1.00E-04	0.0824918	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36230822	1.00E-04	0.59092299	1.10388411	0.84477182	1.00E-04	1.00E-04
1.23487462	1.00E-04	0.76642245	0.76488894	0.51468339	1.55523781	2.46948679
1.13968118	1.00E-04	0.55511768	0.4615419	0.28610677	1.00E-04	1.39450138
0.13090406	1.00E-04	0.25544247	0.326283	0.25117958	1.00E-04	1.00E-04

1.50474941	1.00E-04	0.83953996	0.64020853	0.19057619	1.00E-04	0.56264051
0.35910918	1.00E-04	1.00E-04	1.00E-04	0.11078928	0.72869785	1.00E-04
0.5607216	1.00E-04	0.23657143	0.15733378	0.42372096	1.00E-04	1.00E-04
0.1671021	1.00E-04	0.3733078	0.28177256	0.11639204	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20465297	1.00E-04	1.00E-04
0.60950632	1.00E-04	0.37204841	1.00E-04	1.00E-04	0.86494787	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3928722	1.00E-04	2.5071576	1.70443453	1.57530982	1.00E-04	1.41073439
0.06718044	1.00E-04	0.32020916	0.2413446	0.10452963	1.00E-04	1.00E-04
0.22245267	1.00E-04	0.23108522	0.3384955	0.21034952	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52300037	1.00E-04	0.11897115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.17452218	2.04814755	3.27712325	2.89653177	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13992338	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50126627	1.00E-04	1.00E-04	0.08974194	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.43800666	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27293106	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70643479	1.56839355	1.49162048	0.59880607	0.82133506	2.80127263	2.09648712
1.41512247	1.00E-04	1.30285145	1.45783275	0.46102718	1.52037138	2.67426156
1.66390507	1.84466876	1.60947252	1.90929576	2.49024648	2.186087	0.49725191
1.31614263	1.72286445	1.85385418	1.35402191	1.6855473	1.00E-04	1.00E-04
2.69462052	1.00E-04	1.11989293	1.06066144	1.48990993	2.8404687	3.0258351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95210764	1.00E-04	2.40415745	2.12607105	1.31223288	0.81755274	1.00E-04
2.42592238	1.88723802	3.18891116	2.37588205	2.8096949	3.10276505	2.98765826
1.00E-04	1.00E-04	0.08765397	1.00E-04	0.10702905	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0814007	0.24853303	1.00E-04	1.00E-04
1.18921251	2.69983057	1.88673383	1.86812076	2.08437414	2.16512598	2.05852131
0.590161	1.00E-04	0.09019368	0.09375359	0.12748672	1.00E-04	1.90554733
1.09844915	1.58020734	2.00562713	1.90807882	1.48059187	1.81823635	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14152107	1.00E-04	1.00E-04
0.52578953	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.04012382	1.00E-04	0.79387256	0.83665943	2.76745315	2.92993925	3.03631212
0.48941666	1.00E-04	0.5525003	1.21018805	0.1020411	1.05970842	1.00E-04
0.48641797	1.31236668	1.85600678	2.3787997	2.01749374	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06287992	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09020196	0.57620394	0.19915947	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.09354831	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19507903	1.00E-04	0.07516994	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.51961502	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09031792	1.3386578	1.11338186	0.10843982	0.87652745	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07209144	0.074384	1.00E-04	1.00E-04	1.00E-04
2.39179653	1.31600343	1.97829144	1.71227323	1.66320199	1.00E-04	1.97748731
1.85432859	0.68407235	1.96312212	1.18889706	1.10614398	2.34695582	2.54195756
3.84936899	0.72877389	1.26777508	1.02613847	1.91606328	2.50748438	2.01328941
1.47352676	1.00E-04	0.1732853	1.00E-04	0.10452963	1.00E-04	0.40038755
2.5399585	1.00E-04	1.77042449	1.31703108	1.62651586	3.05005422	2.98181317
3.24946286	1.3386578	1.44598055	1.44812857	1.97319394	0.46029024	1.4377776
1.62106541	1.00E-04	0.92560062	0.79503827	1.10669404	1.80595431	0.61083056
1.00E-04	1.00E-04	1.42914336	1.23931401	1.11301815	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37567904	1.28352536	1.61153515	1.67907829	2.17323321	1.103099	1.59456133
1.00E-04	1.9884236	2.2928723	2.50410365	2.41796235	1.00E-04	1.00E-04
1.02864388	1.52185008	1.97955527	1.45939666	1.18029272	1.00E-04	1.32157107
1.00E-04	1.00E-04	0.66249072	0.27172896	0.21404561	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23924273	1.00E-04	0.09550581	1.00E-04	1.00E-04
1.24068218	1.00E-04	0.89077009	0.76955086	0.74280335	1.00E-04	1.78142794
1.76302031	1.90824762	2.75814728	2.40655339	2.16928093	1.00E-04	1.00E-04
1.22396344	2.37390681	2.24342108	1.98036024	1.40224112	1.00E-04	1.00E-04
1.64566778	1.43525386	2.06222721	1.42642544	1.88901099	1.00E-04	1.19626579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.98950507	1.00E-04	1.00E-04
2.82338623	1.22587756	2.2055635	1.69060405	1.84926264	1.63794582	2.86163083
2.52545824	1.00E-04	1.44736642	2.45720884	2.09485834	0.72869785	1.89380223
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09533646	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.950723	1.79852173	2.20992052	1.88697552	1.50005322	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07577735	1.00E-04	1.00E-04	1.00E-04
0.99880317	2.04353014	1.44486084	1.86015453	1.21698407	0.62567961	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56706228	1.00E-04	0.21646466	0.14136026	0.42281575	1.00E-04	1.00E-04
0.69022973	1.00E-04	1.00E-04	1.00E-04	0.12564974	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16435086	0.08624493	1.00E-04	1.00E-04	1.00E-04
0.30483617	1.00E-04	0.87533472	0.37202238	0.37142823	1.00E-04	1.37881795
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.43536781	0.08009723	1.01371874	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12469637	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16341974	0.06796023	1.00E-04	1.00E-04	1.00E-04

1.00E-04	2.62888325	3.86866611	3.55347917	3.23144098	1.00E-04	1.00E-04
0.06765176	1.00E-04	1.00E-04	1.00E-04	0.09759627	1.00E-04	1.00E-04
1.57591785	1.00E-04	1.54742762	1.15824745	2.01841476	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08509915	1.00E-04	1.00E-04	1.00E-04
0.60862256	0.7902481	0.76503825	0.99023718	1.12235343	1.00E-04	1.00E-04
0.612206	0.96847026	1.78155058	0.61599251	0.14410425	1.00E-04	1.00E-04
0.0746918	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38228559	1.00E-04	0.78972648	0.6849128	1.27480109	0.94908439	1.00E-04
1.00E-04	1.00E-04	0.91395553	0.85855632	0.50469079	1.00E-04	1.68984479
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.302419	1.00E-04	0.81359982	0.82995944	0.53280206	1.45563445	1.31799764
1.26387227	1.00E-04	1.23190146	0.9526978	0.86758716	2.34104766	1.84088052
0.90076035	1.85542225	3.2465601	2.09540964	2.48699137	2.60936474	2.55556346
1.5455021	0.8358776	1.39967557	1.43741833	1.88866268	1.80421687	1.43922796
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64361622	1.00E-04	1.04799224	1.93434221	1.40511992	1.00E-04	1.00E-04
0.45326172	0.68407235	0.65884376	0.63837993	0.95664818	1.00E-04	1.45670916
0.180786	1.00E-04	1.00E-04	0.0825412	1.00E-04	1.00E-04	1.00E-04
2.7973779	1.00E-04	2.0340093	2.1938408	2.27129562	0.97716535	2.59715827
0.7970556	1.00E-04	0.97750233	0.6960882	0.14163853	1.10522239	0.83430531
0.47423006	1.00E-04	0.10418972	1.00E-04	1.00E-04	1.46021335	1.00E-04
0.22708613	1.00E-04	0.23305298	0.19236439	0.23238793	1.00E-04	1.00E-04
1.90783577	0.72877389	0.97623149	2.12582557	1.77932978	1.41327128	2.93284874
0.47251737	1.00E-04	1.00E-04	0.25205247	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.71749825	0.85428147	0.22714951	0.9513318	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10897151	1.00E-04	1.00E-04	1.00E-04
0.95169763	1.00E-04	0.77012243	0.38453833	0.12391687	1.00E-04	1.00E-04
0.87688037	1.00E-04	1.00E-04	1.00E-04	0.12694344	1.00E-04	1.00E-04
0.83833258	0.68407235	1.25708908	1.21266624	1.53514048	1.00E-04	1.00E-04
0.42797518	1.00E-04	1.00E-04	0.13372292	0.12343101	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29748828	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16897762	1.00E-04	0.09759627	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.2535805	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18230904	0.18891696	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.06269335	0.8358776	2.34089284	3.00883073	2.93211158	3.07637431	2.7031263
2.03429776	0.71640521	1.84448581	1.27682424	1.57099271	1.74678557	2.06712872
1.00E-04	1.00E-04	1.00E-04	0.06796023	1.00E-04	1.00E-04	1.26691255
0.52580006	1.3386578	1.21600249	0.70246003	1.06221892	2.48077133	1.00E-04
2.1763245	0.74506998	1.83604398	1.52537896	1.05810026	2.07292531	2.2920837
2.04000394	1.00E-04	1.41155186	1.28606757	0.89217915	1.54092563	2.93496274

1.00E-04	0.74506998	1.98453377	2.06772272	1.84067841	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10423273	1.00E-04	1.00E-04
0.67480156	1.00E-04	0.09148407	1.00E-04	0.72933365	1.00E-04	1.00E-04
0.32746203	1.00E-04	0.18907064	0.09142772	0.24300825	0.82693741	1.00E-04
2.37569021	0.68407235	1.54497992	1.66434581	1.30060656	2.7513557	3.40234256
1.00E-04	1.00E-04	0.30121672	1.00E-04	0.12792029	1.00E-04	1.00E-04
3.2626725	0.79637057	1.5730332	1.91152226	2.11585079	2.26296377	3.49931834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10697315	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.59440891	1.00E-04	0.9352265	1.40288357	0.75925203	1.31151447	1.35340576
2.8709746	1.00E-04	1.02446929	1.35716335	1.3491884	2.50415138	1.70903802
1.00E-04	1.00E-04	0.19642324	1.00E-04	1.00E-04	1.38951674	1.00E-04
3.64252176	2.0384275	2.54772398	3.11651233	3.06855457	3.45037768	3.69214549
2.49503691	1.00E-04	1.49604322	1.54785697	1.32864537	2.27760203	1.00E-04
1.03605581	1.00E-04	0.28273287	0.09353219	0.18255603	1.6856067	1.69998633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18214841	0.12945	1.00E-04	1.00E-04
1.06575102	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15485705	0.211259	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07375842	1.13678105	0.89799762	1.32208337
2.1601736	1.00E-04	1.43684412	1.69194344	1.99051704	1.31151447	0.81996147
1.00E-04	1.00E-04	0.30842555	1.00E-04	0.21404561	1.00E-04	1.00E-04
0.3921407	1.69323529	2.64455367	3.04264835	3.50288213	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21708789	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33141903	1.00E-04	0.30509742	1.00E-04	0.26066957	0.46029024	1.00E-04
1.28836502	1.00E-04	0.8694506	0.18743638	0.562597	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27638522	0.72877389	1.57381792	1.08064891	0.97966637	1.00E-04	1.65643947
3.05676564	1.36419637	2.32667361	2.16301053	2.7601961	1.77046793	0.54053641
1.00E-04	1.00E-04	1.00E-04	0.25025392	0.48506048	1.00E-04	1.00E-04
0.5607216	1.00E-04	0.56899453	0.23317303	0.56894728	1.00E-04	1.00E-04
0.98811179	1.00E-04	0.22875864	0.52805991	0.46780175	1.00E-04	0.72495184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78670341	1.00E-04	0.80627944	1.49373955	0.71940551	0.82884172	1.00E-04
1.00E-04	1.00E-04	0.88260586	0.32720682	0.33555168	1.00E-04	1.00E-04
0.18529938	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.98620672
0.2070908	0.7902481	0.78625213	1.64452428	1.30617534	1.00E-04	1.0021422
1.41610429	1.00E-04	0.24074635	0.16261872	1.42518434	2.82904971	2.60225938
1.00E-04	1.00E-04	1.54199407	1.33807611	1.5277136	1.00E-04	0.46517855
1.00E-04	1.00E-04	0.86542879	0.63188814	1.0510295	1.00E-04	0.56264051
1.00E-04	1.00E-04	0.33843395	0.17241709	0.23777604	1.00E-04	1.00E-04

1.19066685	4.18970704	5.68958457	4.85934373	4.63380421	1.00E-04	1.00E-04
1.59812801	1.00E-04	1.24476897	1.3944269	0.85226818	1.32809116	0.7214142
0.47056512	1.00E-04	0.77992167	0.12795857	0.56006202	1.00E-04	1.00E-04
0.42042959	1.00E-04	0.14140428	1.00E-04	0.31746493	1.00E-04	1.00E-04
0.97400982	0.71640521	2.26842517	1.80438422	2.0717055	1.00E-04	1.00E-04
0.16075292	0.74506998	1.80363	2.37687646	1.43651783	2.22803109	1.66605257
1.00E-04	1.00E-04	2.33070663	2.57530047	2.75266513	1.00E-04	1.00E-04
0.20917119	1.00E-04	1.14613683	1.31185138	0.10813686	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5251337	1.00E-04	1.84060644	1.40538662	2.23800108	1.00E-04	1.00E-04
0.08716682	1.00E-04	0.15720559	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78996648	1.17896398	0.4347996	0.39641097	0.46448161	1.00E-04	1.52115936
1.00E-04	1.00E-04	1.00E-04	0.08792613	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10697315	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96564755	1.00E-04	0.46946816	0.35997136	0.16358717	0.78141142	1.46281097
1.47187884	1.00E-04	0.27435089	0.45689239	1.00E-04	1.00E-04	0.83430531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11105565	1.00E-04	0.28403594	0.12129306	0.54322073	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.53695702	1.00E-04	0.15739259	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37213945	0.92068596	0.75569423	0.36615117	0.09863458	0.81859263	1.00E-04
0.68809742	1.00E-04	0.6067339	0.50198734	0.58097223	1.00E-04	1.00E-04
0.16484259	1.3449137	1.70880802	1.25920605	1.2464133	1.00E-04	1.00E-04
0.35383158	1.5861522	0.8130965	0.62630986	0.89365376	0.81859263	1.12396442
1.00E-04	1.00E-04	0.26666012	1.00E-04	0.09759627	1.00E-04	1.00E-04
3.98566112	2.45274033	3.53393431	2.83011874	2.51719653	3.92654442	4.0032749
1.01951799	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0055425	1.00E-04	0.11726188	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44763319	1.00E-04	0.49810854	0.36583068	0.23446975	1.18042507	1.00E-04
0.54068171	1.00E-04	0.17924086	0.08223591	0.17638133	1.00E-04	1.75844218
1.17540416	1.19051366	2.44632041	1.38306673	1.35046967	1.36789182	2.26317753
1.00E-04	0.87612072	1.21127179	2.42436999	1.89922094	1.00E-04	1.70942608
0.58281822	1.00E-04	0.33366622	0.18203907	1.27808812	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07227876	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.12464179	1.11485603	0.74493113	1.23814943	1.00E-04
1.00E-04	1.00E-04	0.23379051	1.00E-04	0.54627596	1.00E-04	1.00E-04
0.17576665	1.00E-04	1.00E-04	0.08509915	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.01728474	0.30981979	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.01066131	1.03072008	1.53109559	1.00E-04	0.49725191
1.00E-04	1.99162324	3.37881178	3.71926118	3.66175163	1.00E-04	1.00E-04

1.00E-04	1.19880434	1.7817865	1.88197972	1.06919632	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.17356553	0.7612295	0.76489138	1.00E-04	1.00E-04
0.11017854	1.00E-04	1.04485734	0.38255234	0.90457925	0.77057821	1.00E-04
1.00E-04	1.00E-04	0.37204841	0.34931166	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09161201	0.09185911	1.00E-04	1.00E-04	1.00E-04
1.2574729	1.98726233	1.12189134	1.12346951	1.73874077	1.00E-04	1.80884754
3.88325494	3.27072761	3.65296805	3.36632348	3.60613179	3.85023558	3.62873412
1.00E-04	1.00E-04	0.16936324	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.39004469	1.16726039	3.94365333	3.08354875	3.70890848	2.79076402	3.98314625
1.28943251	1.80316983	1.70083128	1.29911526	1.56350427	1.00E-04	1.00E-04
1.41960232	2.41190371	0.91312457	1.44559466	2.00723431	1.00E-04	1.4352796
0.09976055	1.00E-04	0.56696313	0.42589753	0.8362966	1.00E-04	1.00E-04
1.15221977	1.00E-04	0.55925975	0.28131736	0.90512029	1.00E-04	1.07063054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95431402	1.18676999	2.37233427	2.498954	2.42605644	1.00E-04	1.52217356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1305173	1.00E-04	0.09115872	0.95978542	0.27424075	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06301971	1.00E-04	0.07379098	1.00E-04	0.11639204	1.00E-04	1.00E-04
1.00E-04	1.1166062	2.31918928	1.59053545	1.48896681	1.00E-04	1.00E-04
1.34321641	2.08334213	1.1432164	1.02923164	1.18639501	0.74564767	1.67394527
1.21322443	1.80014374	1.8329347	2.37026258	2.3763541	1.00E-04	1.00E-04
0.30043788	1.00E-04	0.16808716	1.00E-04	1.00E-04	1.72374148	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17029242	1.00E-04	0.1793327	0.11095817	1.00E-04	1.00E-04	1.00E-04
0.42822663	0.8339972	1.13318935	0.70624359	0.85914905	1.34480099	1.00E-04
1.00E-04	0.92068596	0.93646545	0.63395035	0.30397831	1.00E-04	1.00E-04
2.0359348	1.00E-04	0.75015868	0.64105447	0.44344924	1.00E-04	2.27612896
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42421334	1.00E-04	0.34608359	0.34208017	1.00E-04	0.71661629	1.00E-04
1.00E-04	1.23400418	0.36414193	0.12615384	0.45173587	1.00E-04	1.00E-04
1.00E-04	1.43926948	0.32197684	1.00E-04	1.43392752	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.73816548	0.19983802	0.38036494	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15248859	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69310909	1.00E-04	0.20429895	0.07577735	0.4126463	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.81804083	0.19145533	0.47611813	1.31151447	1.00E-04
0.5459448	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.32313356	1.00E-04	0.97203679	0.95759993	1.20271912	2.5153192	2.04455582
0.78208356	1.00E-04	1.33915616	0.69495737	1.52507428	0.68203783	2.14767696
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35853235	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89527584	1.00E-04	0.16558493	0.1285221	0.12125625	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0575112	1.00E-04	1.00E-04	1.00E-04	1.40624424
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15339193	1.00E-04	1.00E-04	0.79838122	1.00E-04
0.60487208	0.8339972	0.62309407	0.19015641	0.48097412	1.00E-04	1.01208735
0.84994789	1.00E-04	2.56867165	3.38993558	3.43043704	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09523547	1.00E-04	1.00E-04
0.74308481	1.00E-04	0.45639886	0.65376547	0.23467918	0.88297287	1.00E-04
0.45111559	1.16726039	2.25429824	1.11504433	0.78451351	1.00E-04	0.7551454
1.00E-04	1.00E-04	0.07670308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.36173853	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13922468	0.08710603	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.2727033	1.00E-04	1.00E-04	1.00E-04
0.79379375	1.00E-04	1.27934358	0.4513301	0.88495902	1.00E-04	1.01194579
0.35383158	0.79637057	1.84930942	1.58549057	1.81500229	1.00E-04	1.3282665
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81487732	1.00E-04	0.5709173	0.47932498	0.47750762	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.48125982	0.8342263	0.53134963	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22740854	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25761672	1.00E-04	0.09533646	0.09290426	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.66043327	3.82272329	1.99600904	1.72713731	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36564944	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37650643	0.72877389	1.17619372	0.57820157	0.59848569	1.40857904	1.00E-04
1.31356186	1.00E-04	1.0327504	1.11973677	1.40396907	1.00E-04	1.58431125
1.00E-04	1.00E-04	1.00E-04	0.1213016	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09915619	1.00E-04	0.27061675	0.94371668	1.00E-04
1.21825044	2.21191522	2.15727612	1.79735718	1.22111344	2.17665838	1.46347951
2.12469482	1.00E-04	0.9348931	1.6718005	1.93032717	1.69267817	1.00959863
0.35729329	1.00E-04	0.22753827	0.39294295	0.36301537	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.94937537	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63495704	1.00E-04	1.00E-04	1.00E-04	0.56360019	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.44049437	1.00E-04	0.09802713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.45672189	0.20989126	0.19524902	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.87615046	0.8339972	2.09633207	1.1994165	1.52646019	1.00E-04	1.00E-04
0.5466028	1.00E-04	1.35032705	0.72692857	1.04475157	1.00E-04	1.00E-04
0.65568519	0.8339972	0.71678698	0.33054021	0.24971102	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28253206	0.42283481	0.12233227	1.00E-04	1.00E-04
2.70810921	0.72877389	0.9639206	1.07321538	0.96645338	1.99059804	2.32917331
1.00E-04	0.74506998	0.53109265	0.16329236	0.79880787	1.00E-04	0.72495184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.11891999	1.10823044	2.4038868	1.85449558	1.95568006	2.5077984	3.91623039
0.71705969	1.00E-04	0.87242663	1.48075945	0.5479158	2.20392237	0.85951747
1.16925949	1.00E-04	1.09259034	0.92857608	0.56946967	1.00E-04	1.39021388
3.24889125	1.00E-04	1.6229599	1.68629882	2.26327219	3.44109795	3.81739446
1.70571313	0.7902481	1.94994942	1.0304151	1.19698814	2.86876667	2.26437076
1.00E-04	1.00E-04	0.38984119	0.56208917	0.11746998	1.12785157	1.00E-04
1.00E-04	1.6816494	0.86506941	0.63020003	1.09650215	1.00E-04	1.00E-04
1.00E-04	2.12494276	3.80712299	3.26496428	3.03317882	1.00E-04	1.00E-04
1.0145294	1.00E-04	0.09060953	1.00E-04	1.00E-04	1.40857904	1.00E-04
1.00E-04	1.00E-04	0.81737743	0.3600207	0.37189404	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04764841	1.00E-04	0.41882824	1.00E-04	0.255093	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22148088	0.18334596	0.10294237	1.00E-04	1.00E-04
0.07341779	0.72877389	1.4234153	1.32538922	0.71063015	1.00E-04	1.47065192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86042243	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15404675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02238874	1.53447714	1.71378174	2.19100029	2.04517299	1.00E-04	1.00E-04
1.85119728	1.00E-04	1.03067436	1.5623318	1.29843584	1.40857904	2.40589367
1.17233743	0.8339972	2.12838381	1.10880957	1.57835606	1.00E-04	0.72495184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.57732808	2.87105092	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	4.0935789	4.55624613	3.94188982	3.93823545	1.28718867	1.31520537
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.29333888	0.63257552	0.40410072	1.00E-04	1.00E-04
3.50797881	2.97867093	3.74247392	3.46584958	3.83612209	4.08512359	3.96080612
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14461624	1.00E-04	1.00E-04
0.36564944	1.00E-04	0.77901053	1.00E-04	0.52548264	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13315922	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04155131	1.00E-04	0.88311615	0.69737965	0.93194817	1.10522239	1.00E-04
1.00E-04	1.00E-04	0.14442053	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22888881	0.28254042	0.27943544	1.00E-04	1.00E-04
0.29585631	1.00E-04	0.25433472	0.39660197	0.3950853	1.00E-04	1.00E-04
0.75053552	1.00E-04	2.1685228	2.54186177	3.03643068	1.10522239	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16277654	1.00E-04	1.00E-04
0.29412275	1.00E-04	0.46512986	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.13098639	1.00E-04	0.0691919	0.06816182	0.2686542	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12858809	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92068596	0.11438496	0.10897151	0.12233227	1.00E-04	1.00E-04
0.16819726	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96404271	1.00E-04	1.69520119	1.5383012	3.68723391	1.00E-04	0.97522957
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91993025	1.25509001	1.44011673	0.73927124	0.42104572	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16411766	1.00E-04	1.00E-04	1.00E-04
0.08716682	1.00E-04	0.18654126	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08746931	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87612072	0.11159101	0.31312799	0.22315793	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91050938	1.00E-04	0.59240421	0.51221946	0.72523334	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06759249	1.00E-04	1.00E-04	0.15144185	1.00E-04	1.00E-04	1.00E-04
1.88636081	1.00E-04	1.33382019	1.15798147	1.93412057	0.96274275	1.96550588
2.14552266	2.37390681	3.00667367	3.03480492	2.62774961	2.33622839	2.35847204
1.66029965	0.7902481	0.18080762	1.38435381	0.98885318	1.03647332	1.4890923
2.57175846	2.82486787	3.91113769	3.71902366	3.56193322	2.31611102	2.55061638
1.334308	2.82525842	3.00380403	3.33194283	3.3278587	1.00E-04	0.7070202
1.48517903	1.00E-04	0.18882172	0.43009933	0.87638655	1.00E-04	1.00E-04
1.70963784	0.69779233	1.56988454	0.62768524	1.0155165	1.64001363	1.86161249
1.00E-04	1.00E-04	0.27141842	0.79509912	0.51800739	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08695588	1.00E-04	1.00E-04	1.00E-04	0.96655867
1.02397488	2.0139101	3.38796988	2.62270468	2.70996381	0.62567961	2.37131572

1.22572952	1.21891	1.65863888	0.88954365	1.15789379	1.85381546	1.82226201
1.00E-04	1.00E-04	0.35957906	0.34505996	0.23788445	1.00E-04	0.82486735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35997248	0.09142772	1.00E-04	1.00E-04	1.00E-04
1.65031227	0.72877389	0.63785766	0.64976358	1.48342015	1.00E-04	1.32356831
0.49685445	1.00E-04	0.58254321	1.74766416	2.00384581	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.01393612	1.44595569	2.58814186	2.64578033	2.50737983	3.37155842	2.09627625
0.49387179	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81755274	1.00E-04
0.65195798	1.00E-04	1.43094005	1.47697075	1.19113479	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19524902	1.00E-04	1.00E-04
0.30780921	1.00E-04	0.09927308	1.00E-04	0.12564974	1.00E-04	1.50363461
0.42609047	1.00E-04	0.15964983	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20129929	1.00E-04	1.00E-04	0.60415763	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69779233	0.71198396	0.44337557	0.09704178	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09759627	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.94882477	3.69537123	2.99858502	2.53430163	2.5809504	4.02631355	3.80811948
1.20151584	2.84924908	2.60801578	2.05936456	3.1166909	1.00E-04	1.95078029
2.0935623	1.00E-04	2.25778648	1.58423364	1.9510026	1.72259565	2.8260159
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55056634	1.00E-04	1.00E-04	0.1285221	1.00E-04	1.00E-04	1.00E-04
0.13013039	1.00E-04	0.4404341	1.78356424	0.3973058	1.15746526	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23302289	1.00E-04	1.00E-04
1.43294823	1.00E-04	0.89632037	0.62495552	0.54050523	1.00E-04	1.00E-04
0.71989502	1.00E-04	0.68878265	0.28111732	0.62639314	1.00E-04	1.00E-04
1.00E-04	0.68407235	1.84119797	1.31418686	1.27011625	1.00E-04	1.00E-04
0.1343207	1.5783785	1.00E-04	0.14417241	0.44186847	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11808269	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.39373908	0.69779233	2.43176935	1.99018398	2.25430097	1.52471946	1.74768833
1.00E-04	1.00E-04	0.17729918	0.30229614	0.28662848	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19375367	1.00E-04	0.26815516	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10260419	1.00E-04	0.86746565	0.50376287	0.46891163	0.79958263	1.59305944
0.50258216	1.4493434	1.13380914	0.74668028	0.5525368	1.00E-04	1.46347951
0.43060091	1.00E-04	0.86052815	0.24565629	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17301519	1.00E-04	1.00E-04
2.10617484	1.00E-04	1.00E-04	1.00E-04	0.23313786	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.77729141	1.00E-04	1.00E-04	1.00E-04	0.31556207	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60213145	1.00E-04	1.52896203	0.43907047	0.23302289	1.00E-04	2.53033704
0.62542301	1.00E-04	1.7199361	1.08293797	1.23420039	0.9513318	1.13786198
2.22454844	0.68407235	1.64761492	0.92289407	1.56927105	1.00E-04	1.45794228
4.35677152	2.12770432	3.23069206	3.17835497	3.63999166	3.9735163	3.56313895
1.00E-04	1.00E-04	0.09322287	1.00E-04	0.26666816	1.00E-04	1.00E-04
0.76491073	1.00E-04	0.64027572	0.26014407	0.36766317	1.67673775	1.00E-04
1.00E-04	1.00E-04	0.13573418	0.19767929	0.22314105	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27204477	0.07008263	0.10372144	1.0281643	1.00E-04
1.00E-04	0.8358776	0.18606276	0.23556907	0.70579642	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.78186028	1.00E-04	0.41071655	2.18517038	4.26950992
1.00E-04	1.00E-04	0.4716234	0.13046994	0.17301519	1.85834055	2.90158036
3.1510779	2.60828637	3.34644508	2.95904136	3.07876705	3.16001335	3.58541554
1.00E-04	1.00E-04	0.09176315	0.16762366	0.127027	1.00E-04	1.00E-04
1.51724597	1.00E-04	1.36719754	1.13454273	1.59461572	0.92751185	1.00E-04
0.28223677	0.8358776	0.11678318	0.37511462	1.58653078	1.00E-04	1.00E-04
0.258347	0.74506998	0.20953494	0.51527826	0.49722365	1.00E-04	0.62168103
2.13003381	1.00E-04	1.30585602	1.74100009	1.82614647	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08749008	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30218343	1.00E-04	0.55439185	1.76789806	0.34704056	0.9513318	1.00E-04
0.77414036	1.00E-04	0.7782839	0.29378241	1.1126759	1.00E-04	1.94969734
0.26484691	1.00E-04	1.00E-04	0.88524692	0.88579723	1.00E-04	1.00E-04
1.617521	1.00E-04	1.44564705	2.54736133	2.67867362	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.13569741	0.11299645	1.00E-04	1.00E-04	1.00E-04
0.89735946	1.00E-04	0.51336813	0.38661866	0.26074378	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07655967	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.51000362	1.47191989	1.11713155	1.11078467	1.58883077	1.74629796	0.76786709
2.0741731	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17662028	1.00E-04	0.1685492	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10635547	1.00E-04	0.44547915	1.15746526	1.00E-04
0.26809231	1.00E-04	0.11159101	0.27325385	0.3498911	1.00E-04	1.00E-04
1.02782546	1.00E-04	0.30845994	0.15450124	1.00E-04	1.00E-04	0.7214142
2.62235232	1.63872343	2.55560802	1.99722503	2.99113295	2.1164067	2.01716521
2.2912674	0.68407235	1.17980028	0.97326044	1.67362549	1.72750073	1.00E-04
0.20917119	1.17148784	1.69376885	2.31951894	1.38497592	1.24245757	0.7551454
1.41099211	1.52927294	1.4619067	0.37315133	0.48354356	1.00E-04	1.94714628
0.31460011	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40615413	1.00E-04	1.00E-04	0.17547615	0.50456348	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51045348	0.87612072	1.53216082	0.55382571	0.78190807	1.87099617	2.03599264
1.32466033	1.00E-04	1.00E-04	1.00E-04	0.10702905	1.43680448	0.41275046

2.18284993	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.39344513	1.49266703
1.00E-04	1.75926508	2.55435565	1.95728705	2.36769085	1.00E-04	1.00E-04
1.46717529	1.00E-04	1.4952655	1.31185027	1.11219174	2.04628122	0.316869
1.42773119	0.87612072	0.44938769	0.62741343	1.00E-04	1.0577075	1.40624424
0.712548	0.87456952	1.389351	2.50755467	1.97660369	0.83873894	1.00E-04
3.74588493	1.82629522	3.377263	3.50830436	3.72251278	2.34804156	2.23365166
1.35822057	0.68407235	1.47282288	1.14997885	1.96284355	2.5184295	1.47665656
0.21280737	1.53817562	2.28196999	1.89469845	2.8125709	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69779233	0.91171748	0.92595039	1.80065902	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11780573	0.80969792	0.24741705	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12615384	0.35051649	1.00E-04	1.00E-04
0.45360249	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.18435204	0.7214142
0.17124941	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.49471904	1.00E-04	0.57664208	1.00E-04	0.09814195	2.98206729	3.43115628
1.70990583	1.00E-04	1.00E-04	1.00E-04	0.18255603	1.7327264	1.68756196
1.52567135	1.00E-04	0.92384669	1.48143779	0.76288777	1.00952146	0.7070202
1.70782133	1.00E-04	0.72519027	1.09075892	1.53435323	1.12785157	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54661293	1.00E-04	0.60552203	0.34454841	2.22480007	1.44286217	1.00E-04
1.42526871	1.48856507	2.27553676	1.61679652	2.29522797	1.97245613	1.33586548
1.00E-04	1.00E-04	0.07268679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78141792	0.74506998	1.4114372	0.78466256	1.41601517	1.25061534	1.00E-04
2.25568147	0.8339972	2.22355523	2.24508994	2.46176683	1.18371736	0.49725191
0.77063677	0.74506998	1.0928212	0.25227296	0.61531517	1.00E-04	1.00E-04
0.06301971	1.00E-04	0.06767845	0.2683473	1.00E-04	1.00E-04	1.00E-04
1.26479398	1.00E-04	1.29503381	0.30496815	1.82668139	1.00760463	1.71730921
1.00E-04	1.00E-04	0.19792278	0.33131926	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13734826	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67420939	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65982724	1.00E-04	0.77951439	1.00E-04	0.1253092	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12477548	1.00E-04	1.00E-04	0.0814007	0.26524428	1.31151447	0.93074312
1.00E-04	1.00E-04	0.32959053	0.80667812	0.46409205	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15392957	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56951395	1.00E-04	0.32608357	1.00E-04	0.51328094	1.00E-04	1.69998633
1.00E-04	1.2795411	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55548966	1.00E-04	0.2483017	0.20019642	0.13992338	1.00E-04	0.40038755

3.25971593	1.00E-04	2.93716994	2.58125927	2.69292016	3.91942082	2.89276227
1.18852062	1.00E-04	0.48140459	0.09731771	0.13631278	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07488174	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.66850928	0.10897151	1.00E-04	0.83083207	1.00E-04
1.00E-04	1.00E-04	0.50614897	0.08431423	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.38928046	2.07588063	2.44081698	1.00E-04	1.00E-04
0.37050846	0.8339972	1.22012457	1.30564144	1.29187966	1.46636239	1.57450825
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28096859	1.00E-04	1.00E-04
0.23751022	1.00E-04	0.42428044	0.27540483	0.19235002	1.00E-04	1.00E-04
0.09838717	1.00E-04	0.40031886	1.00E-04	1.00E-04	1.00E-04	0.49725191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53230952	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56810376	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52622574	0.79637057	1.58728686	0.9622124	2.2554283	1.00E-04	1.00E-04
0.3329013	1.00E-04	0.65366135	0.10897151	1.00E-04	1.00E-04	1.00E-04
0.87507023	1.00E-04	1.07591049	0.70893305	1.45938279	0.96274275	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13922468	1.00E-04	0.15882988	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24145754	1.00E-04	2.20111348	0.82382435	1.02125563	1.00E-04	0.54053641
1.00E-04	1.00E-04	1.00E-04	0.1053363	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33485465	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1216717	1.00E-04	1.00E-04
1.00E-04	0.79637057	0.48527854	0.0814007	0.36747943	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.68772668	1.52156921	0.45629147	1.00E-04	1.00E-04
0.8083438	3.25291445	4.47911231	4.66050123	4.58677436	1.00E-04	1.00E-04
1.24718519	1.00E-04	1.03030245	0.57394012	0.68447574	1.00E-04	2.02360058
0.1136802	1.00E-04	0.22543039	0.26053224	0.09704178	2.19655571	0.62168103
1.00E-04	1.00E-04	1.00E-04	0.16429007	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25168151	0.68407235	0.35656289	0.21330852	0.32549241	1.00E-04	1.40124383
0.42609047	1.00E-04	0.55334742	1.00E-04	0.15565817	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10002775	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14265486	1.16594952	1.00E-04	1.00E-04
1.00E-04	0.87456952	0.65683681	0.30004098	0.37982669	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.46287083	0.14475443	1.00E-04	1.00E-04	1.00E-04
1.82603579	0.69779233	0.95414943	0.66761115	0.46138361	1.00E-04	1.00E-04

1.92468649	1.00E-04	0.98630231	1.18359895	1.2862464	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83448172	1.00E-04	0.12595457	0.11614357	0.14163853	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.12679219	1.01972431	1.77802976	1.00E-04	1.00E-04
0.20129929	0.68407235	0.44110127	0.17403974	0.10813686	1.25061534	1.13658288
0.70299576	0.69779233	2.26648356	2.25713667	2.63465808	1.40857904	0.62338205
0.17852996	0.92068596	1.68654543	0.99257753	1.12691685	1.00E-04	1.45670916
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.79039035	1.00E-04	0.62667877	1.26534544	2.08945169	1.00E-04	1.00E-04
1.66535343	1.00E-04	1.61811071	1.20121435	1.38677715	1.75707711	1.00E-04
1.00E-04	0.69779233	0.90957364	0.94687577	0.45011506	1.00E-04	1.07063054
2.99028344	3.16877976	3.59500648	2.92326216	3.47942293	3.37906956	2.8856984
0.17643459	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2330613	0.27020052	0.35387077	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10294237	1.00E-04	1.00E-04
2.52825164	0.92068596	1.90702562	2.40227173	3.1766395	1.00E-04	2.51007389
1.00E-04	1.00E-04	0.23941692	1.00E-04	0.14478141	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34487895	0.16709172	0.3973058	1.00E-04	1.00E-04
1.06371591	1.00E-04	2.11801701	1.28227049	1.41252217	1.00E-04	0.316869
0.16967021	1.00E-04	1.19804838	0.92149079	0.58337711	1.54023976	1.63943516
1.00E-04	1.00E-04	0.45276671	0.53853678	0.21661438	1.00E-04	1.00E-04
0.45709239	1.00E-04	0.31063857	0.17050322	0.51219713	1.00E-04	1.00E-04
0.09031792	0.87612072	3.43549614	4.33120898	4.03096819	0.95102466	0.97522957
1.07848961	1.00E-04	0.15003529	1.00E-04	0.28067463	1.00E-04	1.10337756
1.78970807	1.00E-04	1.60212693	2.19215487	1.85281649	1.00E-04	1.99110835
2.87490756	2.04791046	2.34713643	2.83675885	2.17677535	2.62976884	3.29963994
2.79045999	1.58204844	2.64160259	2.2721735	2.57066909	3.57119063	3.45603287
0.53526422	1.3386578	1.58453088	0.97523239	2.04105225	1.57313827	1.00E-04
1.00E-04	1.00E-04	0.0779111	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08716682	1.00E-04	0.67363665	0.09261958	0.66568226	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34852092	1.39512462	1.68163297	1.49586546	2.41861587	1.0281643	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25387457	1.00E-04	0.37978701	0.60532585	0.35473777	0.62567961	2.21043717
0.56740551	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10913195	1.00E-04	0.4320512	0.13973645	1.00E-04	0.97412898	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.65099548	1.00E-04	1.00E-04	0.09296692	0.09704178	1.15746526	1.00E-04
1.00E-04	1.00E-04	0.38233514	0.17692202	1.00E-04	1.00E-04	1.00E-04
2.91825533	1.57619576	2.45449472	2.48159067	1.96159722	2.19323455	2.43998115
0.16999556	1.00E-04	0.54157502	0.17123777	0.13631278	1.00E-04	0.7070202
0.82945659	1.00E-04	2.57450128	2.60838181	2.92726153	1.00E-04	1.00E-04
0.95376214	1.3449137	1.25109275	0.64983836	0.59215822	1.00E-04	0.61083056
2.11679016	1.00E-04	2.03065075	1.61837484	2.15843298	1.8343455	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42421334	1.00E-04	0.11466092	0.49718889	1.00E-04	1.00E-04	1.00E-04
4.24697741	3.93829273	3.15107019	2.50299881	2.69735514	3.76599767	4.20134824
1.00E-04	1.00E-04	0.28678481	0.24350258	0.15507585	1.48634524	1.00E-04
0.11105565	1.00E-04	1.27137619	0.76093748	0.78514006	1.00E-04	1.00E-04
0.96842512	1.00E-04	0.64999165	0.33861555	0.24194431	1.103099	0.49725191
1.35578637	0.8339972	0.98201299	1.42589792	1.20043057	1.81794042	0.61083056
1.00E-04	1.00E-04	0.34757142	0.06816182	1.00E-04	1.00E-04	1.00E-04
0.52425114	1.00E-04	1.00E-04	0.16517651	0.17707887	1.00E-04	0.48671447
3.5348569	3.07208417	4.43093197	3.00765605	4.0189498	4.88047914	4.86990638
3.92903748	2.76674901	3.87908314	3.07607211	3.45994992	4.33618626	4.13582031
0.26535312	1.00E-04	0.12677303	0.26543863	0.11344173	1.00E-04	1.00E-04
0.21433745	1.00E-04	0.4971331	0.1213016	0.32133174	1.00E-04	1.00E-04
3.30069308	2.27801923	0.66916536	0.41302551	0.57782764	2.34888701	3.23093234
1.00E-04	1.25074513	1.08614765	0.63970128	0.7948671	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.79743695	0.11606138	0.20281155	1.00E-04	1.00E-04
0.4712471	1.00E-04	0.32572533	0.3231521	1.00E-04	1.00952146	1.00E-04
1.00E-04	1.00E-04	0.97424005	1.94495404	1.69264465	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28806383	1.08793411	1.00E-04
1.00E-04	1.00E-04	0.15996663	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6770279	1.00E-04	0.2321909	0.38351322	1.00E-04	0.88297287	1.00E-04
1.76963813	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.04605496
0.91446492	0.8339972	0.64350794	0.61263998	0.38364732	1.00E-04	1.00E-04
1.00E-04	0.8339972	0.69081731	0.33029345	0.12748672	1.00E-04	0.7551454
1.00E-04	1.00E-04	1.00E-04	0.06816182	1.00E-04	1.00E-04	1.00E-04
0.38171121	1.858678	1.5287863	1.57618525	1.70163983	0.71661629	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12277182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09768721	0.1141687	1.00E-04	1.00E-04	1.00E-04
3.35894038	2.86637092	3.4645363	3.39529819	3.65564725	3.57837649	2.68076022
0.44967763	1.00E-04	0.09703757	0.0824918	0.10813686	1.00E-04	1.00E-04
2.24715117	0.8339972	2.06438921	1.18082505	2.21552756	2.2033723	2.98190063
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43632774	1.00E-04	0.08218983	0.13088155	0.18255603	1.60007999	1.00E-04
1.00E-04	1.00E-04	0.18410464	0.08961591	1.00E-04	1.00E-04	1.00E-04
1.62996084	0.79637057	0.93835383	0.61320398	0.9787867	1.85071433	2.38974143

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63572075	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19812267	1.00E-04	1.00E-04	0.11606138	0.21894683	2.58379767	2.44955276
2.779474	4.54082053	5.44810459	5.01754862	5.02184567	2.50744446	2.68173821
2.07103035	1.1166062	3.12709605	2.99809908	3.34026589	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.51158042	0.06816182	1.00E-04	1.00E-04	1.00E-04
1.65510656	1.00E-04	0.78877958	1.72880113	1.59729372	1.00E-04	1.8199939
1.57830185	1.00E-04	1.42649451	0.45458845	1.07848948	2.21009606	2.14093113
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07341779	1.00E-04	0.13781744	0.13013465	0.13631278	1.00E-04	1.00E-04
1.0044163	1.00E-04	0.08074249	0.21760272	1.00E-04	0.89799762	1.56051899
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66013588	1.17452218	1.90676895	1.5585049	2.47837467	2.03486442	1.82283824
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12619197	0.33284159	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11604183	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89206072	0.68407235	1.55092479	1.41952357	1.16488507	0.9559646	2.6081417
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.21290128	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.82277784	2.10432694	2.83127341	2.64095454	2.32961018	1.95717528	1.82540134
0.30649259	1.00E-04	0.17390745	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.18232047	4.23722269	3.49126023	2.96428761	3.11112097	3.4409596	2.21060662
4.19123358	3.44025456	3.70564169	3.40379175	3.56721703	3.92287922	4.56446715
1.01623213	1.10823044	1.10692203	0.70806128	0.77049674	1.00E-04	1.00E-04
0.17643459	1.00E-04	0.09495869	1.00E-04	0.30764393	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18451306	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40660874	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95102466	1.30591129
0.14284657	1.00E-04	0.2459005	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.12008026	1.00E-04	1.94908691	1.76581853	2.51821318	2.64453021	2.44355372
1.28890844	1.00E-04	1.0171229	1.00E-04	1.30292097	2.38048622	2.78705722
1.09105105	1.00E-04	1.86405168	1.51502037	1.92602122	1.70732115	2.01242874
0.89383293	1.00E-04	1.09028439	1.93256367	1.26478673	0.46029024	1.14061365
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16358717	1.00E-04	1.00E-04
0.89405831	1.00E-04	0.37206736	0.44734321	1.44936109	1.00E-04	1.00E-04
0.38443842	1.00E-04	0.35073346	0.1680824	0.13631278	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29879557	1.00E-04	0.15169238	1.00E-04	1.00E-04

2.25335447	2.00110623	2.74559294	2.41500862	2.44698423	2.10215231	2.72116568
2.26477043	1.00E-04	1.22393855	2.43707943	1.76238922	1.46996912	1.85808072
3.04327696	1.00E-04	0.84444416	0.35457021	1.69410017	1.31443423	2.54641058
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.76522976	1.86205146	1.7265898	1.41223075	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.80906816	0.6496677	0.70832861	1.00E-04	1.00E-04
2.7027408	1.00E-04	2.4468091	1.47857238	1.62994315	2.9520548	3.60195428
1.00E-04	1.00E-04	0.28194804	0.28512071	1.34439842	1.00E-04	1.00E-04
2.12903264	1.00E-04	2.14472381	2.11400094	1.44865951	2.4838007	1.25017036
1.00E-04	1.00E-04	0.15113224	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13064605	1.00E-04	0.59456218	1.00E-04	1.00E-04	1.46755014	1.00E-04
0.70555722	1.00E-04	1.00E-04	0.22609439	0.09550581	0.72869785	1.153275
0.49923965	1.00E-04	0.44909675	0.32850649	0.35585791	1.00E-04	0.49725191
1.66230897	1.17896398	1.14033314	1.02535353	0.897851	1.49970565	1.22697765
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38009012	1.00E-04	1.00E-04
2.54287443	0.92068596	1.49756632	1.386858	1.90601557	1.84508642	2.72000365
0.41060259	1.00E-04	0.13707339	0.91636767	0.52936607	1.62162851	1.32568218
0.39663377	1.00E-04	1.00E-04	0.0824918	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13781744	1.00E-04	0.17638133	1.00E-04	1.00E-04
0.39750534	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74143009	1.00E-04	0.41787408	0.33426559	0.27535375	0.84497321	1.00E-04
0.06336707	1.00E-04	1.00E-04	0.06816182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10087646	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29671076	0.172085	0.3269165	1.00E-04	1.40432744
1.00E-04	1.00E-04	0.43337496	0.08871613	0.15653713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13909974	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02231337	0.96847026	1.31145391	1.20437862	0.75384161	1.72140601	2.07657791
0.4790056	1.00E-04	0.64018097	1.73825868	0.97043924	1.00E-04	1.00E-04
2.08271925	3.37960514	3.19159939	2.6225148	2.70259228	3.70890816	2.70810908
1.72051563	1.00E-04	2.96148355	2.75320131	2.34381499	1.60007999	2.56369961
1.00E-04	1.00E-04	0.2459516	0.33846989	0.09523547	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06405039	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11678318	0.14621476	0.12391687	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.42285321	1.00E-04	0.42791812	0.7127279	0.8551689	2.82409004	3.05161707
2.37729539	1.00E-04	2.0794231	1.49990315	2.16237559	1.5584973	3.00276612
1.00E-04	1.00E-04	0.16117366	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69779233	0.43701744	0.33749273	0.35031119	1.00E-04	1.00E-04

0.06765176	1.00E-04	0.87459511	0.81751512	0.60300953	0.81755274	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18492515	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06336707	1.00E-04	1.00E-04	0.0824918	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07963459	1.00E-04	0.18255603	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21757599	1.00E-04	0.21404561	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29486589	1.00E-04	0.39436144	0.62880283	0.26316048	1.00E-04	1.7769926
0.41462585	1.00E-04	1.00E-04	0.17057051	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.79365074	1.09568947	2.50607996	3.41488008	2.9345169	0.79838122	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38847234	2.3339127	3.62850812	3.15921213	3.18988436	0.9513318	1.00E-04
2.64146794	3.60658808	3.84301843	4.48337466	4.39059158	2.22482145	2.27893919
0.53790182	1.00E-04	1.00E-04	0.13328809	0.20441837	1.00E-04	1.00E-04
0.95744061	1.00E-04	1.33976391	0.90295635	0.37238897	1.03499642	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.99092823	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.33117268	1.00E-04	1.00E-04	1.00E-04
0.48075788	1.00E-04	0.08749008	0.55870539	0.45540222	1.00E-04	0.7070202
1.00E-04	1.00E-04	0.16349923	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29073929	1.00E-04	0.89816694	1.15040504	1.58181878	1.61049533	1.18273852
1.00E-04	1.00E-04	0.5032991	0.36714229	0.14455498	1.00E-04	1.00E-04
1.20448902	1.00E-04	0.96872229	1.48837509	1.96146677	1.00E-04	0.7070202
1.60931484	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11606138	1.00E-04	1.00E-04	1.00E-04
0.53676816	1.00E-04	0.11998372	0.22801935	0.09863458	1.00E-04	1.45670916
0.44673118	1.00E-04	0.71417579	0.84956301	0.19056315	1.00E-04	1.00E-04
1.00E-04	0.79637057	1.74056933	0.75363993	1.79859754	1.00E-04	0.93074312
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45555639	0.8339972	1.66233158	1.32958927	1.58781274	1.00E-04	1.37881795
0.1494006	1.00E-04	0.11998372	0.13088155	0.1962267	1.00E-04	1.00E-04
0.27293106	1.00E-04	0.4609517	0.32390587	1.00E-04	0.68203783	0.40038755
4.27910936	0.68407235	3.18436169	3.22483672	2.89826509	4.2447855	4.01445649
0.70065635	0.69779233	0.55130709	0.42999505	0.19952473	1.00E-04	1.00E-04
1.00E-04	0.71640521	0.5906851	0.09749395	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.30276955	1.21769093	3.03691531	2.17204452	2.23674295	1.00E-04	1.28271751
1.00E-04	1.00E-04	0.23555335	1.00E-04	0.50562142	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08952278	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.62539012	0.50545004	0.54614858	1.00E-04	1.00E-04
0.07341779	0.79637057	2.03755703	1.84435877	1.64408454	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.4152722	0.31461674	1.02805639	1.00E-04	0.56264051
0.65691595	1.00E-04	0.12619197	0.28838308	0.33143997	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60087853	0.72877389	0.7231651	0.96061506	1.60436296	1.00E-04	1.00E-04
1.00E-04	1.22644621	1.70110459	0.70505087	0.64920076	1.00E-04	2.21893209
0.20163259	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67035849	0.74506998	1.48927497	1.46828586	1.02480008	1.39046758	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55393123	1.00E-04	0.38432332	0.08710603	0.10452963	0.86494787	1.00E-04
1.4856435	1.3386578	1.66072212	1.65702439	0.58824649	1.00E-04	1.44874416
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.79010196	2.40437397	3.73364088	3.04467004	3.46714897	1.88774601	2.68859679
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20281155	1.00E-04	1.00E-04
0.16909514	1.00E-04	0.06554964	0.45132867	1.00E-04	1.00E-04	0.40038755
1.00E-04	1.00E-04	0.12977775	0.08823908	1.00E-04	1.00E-04	1.00E-04
0.25206684	1.00E-04	0.11586018	1.00E-04	0.16535001	1.00E-04	1.00E-04
0.1494006	1.00E-04	0.80087423	0.40712508	0.23067498	1.00E-04	1.00E-04
1.81252872	1.00E-04	1.94038889	1.47881281	1.62420182	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12810717	1.37519839	0.27250344	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09849679	0.22578611	1.00E-04	1.00E-04	1.00E-04
3.2830376	0.72877389	2.8205503	2.68330109	3.14656885	3.73732189	3.02236157
1.00E-04	1.00E-04	0.13338607	0.09393249	1.00E-04	1.00E-04	1.00E-04
0.16999556	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.8794659	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.33824767	3.61509656	4.00533493	3.51763146	3.52446083	3.5889912	3.08125788
1.00E-04	3.02464778	3.88589576	2.94470324	3.53746118	1.00E-04	1.00E-04
0.22708613	1.00E-04	0.16309554	0.16297856	0.36515558	1.00E-04	1.00E-04
1.53504287	1.00E-04	0.07911744	0.0848519	0.40432295	1.00E-04	0.81996147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16062237	1.34244186	0.63199256	1.00E-04	1.00E-04
0.94472919	0.68407235	0.83301949	1.89607504	0.72434368	0.62567961	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19487756	0.74506998	2.05861591	1.83633226	2.24527646	1.70041012	1.00E-04
3.81407104	3.07995756	3.99102773	3.59780535	3.72770951	4.18204986	4.14804701
0.41037331	1.00E-04	0.10444449	0.20170592	1.00E-04	1.00E-04	0.89038937
1.59501313	1.00E-04	0.14086284	0.09375359	1.00E-04	1.23897179	1.60845163
1.00E-04	1.00E-04	0.16294	0.17241709	0.35840331	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.4045179	0.15223537	0.15653713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11344173	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23115821	0.20517665	0.23302289	0.82884172	1.00E-04
2.03552554	0.68407235	1.42071074	1.30841826	2.1582616	1.85642887	1.66614687
1.819192	1.82470338	2.02968015	2.1482971	1.75214834	1.61211528	2.35669032
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.51373005	1.39535389	3.83338412	4.13765167	3.79515158	2.96642527	3.91732711
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.70934792	0.87456952	2.56598637	3.00800562	2.73634938	1.33152382	2.46484239
2.91831086	1.00E-04	2.11607645	2.82206171	1.8121603	1.80186457	2.50092998
5.18981999	1.76174632	3.60988547	4.80621154	4.47146606	3.59902684	3.71865573
1.30065665	1.00E-04	0.62048096	0.31559128	1.27442596	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16652352	1.7080583	0.12945	1.00E-04	1.00E-04
0.39663377	1.00E-04	1.00E-04	0.09393249	0.13536061	1.00E-04	1.00E-04
3.73300826	3.83670994	4.45197993	4.21051635	3.69397493	4.63153269	4.63928835
0.15191077	1.00E-04	1.62951283	1.62968093	0.71972948	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.85512867	0.23495413	0.11779102	1.00E-04	1.00E-04
0.2594041	1.00E-04	0.17002406	1.00E-04	0.09565186	0.84497321	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25012723	1.00E-04	1.07002984	1.0044303	0.62386259	0.71661629	2.05378342
0.44086013	1.00E-04	0.1243805	0.2633952	0.15882988	1.00E-04	1.00E-04
0.8328467	1.00E-04	0.35092906	1.00E-04	1.00E-04	1.71949522	1.99277352
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81859263	1.32157107
1.22428551	1.00E-04	0.06287992	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.85481318	1.00E-04	1.06344161	1.10053479	2.16765471	1.56621352	2.70456619
2.31508011	1.00E-04	0.83273661	0.89100281	0.9808746	2.49813131	3.18951989
0.48649154	1.00E-04	1.00E-04	0.19340178	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09880717	0.64617964	1.00E-04	1.00E-04	1.00E-04
0.24473563	1.00E-04	1.00E-04	0.3812419	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.43236683	0.97684034	0.56978412	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15003529	0.64604275	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.16728446	0.56822604	0.46279888	0.18420248	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12129306	1.00E-04	1.00E-04	1.00E-04

1.30793245	2.97459603	2.24045441	2.90280658	2.81979881	1.7625614	1.32157107
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.344714	1.00E-04	0.50396942	0.47751634	0.36387421	1.00E-04	1.00E-04
1.02253778	0.74506998	1.33932638	1.03069016	1.54507979	1.00E-04	2.0052254
0.42365657	1.00E-04	0.74808854	0.13827842	0.81817214	0.86319656	1.00E-04
1.1297493	1.00E-04	0.12595457	0.10843982	0.25230169	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1671021	1.81125273	1.2158954	0.88393286	1.75869808	1.00E-04	1.00E-04
1.00E-04	1.21891	2.05727871	1.80022985	2.50729389	1.00E-04	1.07063054
1.00E-04	1.00E-04	0.07159432	0.08557886	1.00E-04	1.00E-04	1.00E-04
2.57030644	1.00E-04	0.37902123	0.19994201	0.76787815	1.00E-04	1.01208735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.43443526	2.23600161	2.30861317	2.16862362	1.48532576	2.98001789	2.56435961
3.33652824	2.98450907	2.25514051	2.14554335	2.54917966	3.21463958	2.99020168
1.00E-04	1.00E-04	0.09161201	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.57970231	0.72877389	0.83316921	0.63454221	0.60623942	2.26017161	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35092906	1.00E-04	1.00E-04	1.41739154	1.87298334
1.00E-04	1.00E-04	0.28406009	0.13315922	0.32989215	1.00E-04	0.61083056
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06301971	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23825069	1.00E-04	1.00E-04	0.3264482	0.11639204	1.00E-04	1.00E-04
1.77443221	0.69779233	0.95686841	0.9752788	0.97060976	1.11641065	1.10457566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.45550616	1.00E-04	0.16358717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22700071	1.00E-04	0.27286959	0.6003981	1.00E-04	1.00E-04	1.00E-04
0.45663653	1.00E-04	0.22630167	1.00E-04	0.69229826	1.00E-04	1.00E-04
0.72909428	0.92068596	1.17028694	0.85841763	0.70217181	1.00E-04	0.9583037
1.00E-04	1.00E-04	1.03326129	0.21175612	0.27101427	1.00E-04	1.00E-04
1.65921169	1.00E-04	0.19557069	0.40607411	1.00E-04	1.00E-04	0.48671447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24807639	1.00E-04	1.39693285	0.83433045	0.94804661	2.01645371	1.26691255
0.67030321	1.00E-04	0.10212818	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39663377	1.00E-04	0.35466187	1.6283263	0.60226718	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66337554	1.00E-04	0.80946213	0.73114412	0.52736869	0.81859263	1.00E-04
0.19474114	1.00E-04	0.12469637	0.13088155	1.00E-04	1.00E-04	1.5595514
0.09838717	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.90383042	2.28678488	3.59868986	3.9221267	4.11899258	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16737891	0.13088155	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09356612	1.00E-04	0.35642909	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.33858768	1.00E-04	0.06844824	0.46089134	0.41906446	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.39511071	0.31420676	0.26264987	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.69877965	1.4857787	2.09879098	2.02781684	1.62561525	1.23405597	1.88182
0.14840774	1.00E-04	2.04171266	2.9406411	2.05335838	1.00E-04	0.46517855
1.00E-04	1.00E-04	0.09354831	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37002947	1.20883053	2.63268972	2.71703212	3.2307245	2.44890211	2.14200707
1.00391287	1.00E-04	0.75917499	0.30559873	0.31481495	1.00E-04	1.00E-04
0.85502793	1.00E-04	0.07348386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.7345652	1.00E-04	1.26323215	1.52354465	1.16915698	1.69653717	1.48882865
0.08716682	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1885839	1.00E-04	0.60098084	1.03499642	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.25563546	1.00E-04	1.00E-04	1.07127105
0.63600114	0.69779233	1.10996162	0.81042487	0.65750069	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11567939	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62607322	1.00E-04	1.7880795	1.85039962	2.27226016	0.83873894	1.58015798
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07577735	1.00E-04	1.00E-04	1.00E-04
1.58225218	0.79637057	2.072988	1.3417284	1.20635343	3.30769682	3.69501441
0.60806358	1.00E-04	0.55105321	1.05660816	0.27457629	1.00662024	1.29505143
1.00E-04	1.30959702	2.31056657	3.08405809	3.05344753	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22742983	0.14265486	1.00E-04	0.92751185	1.00E-04
1.00E-04	1.00E-04	0.08292731	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07227876	0.08823908	0.17638133	1.00E-04	1.00E-04
1.00E-04	0.69779233	0.90446447	0.87203612	0.91264126	1.00E-04	0.94970493
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.72877389	1.00E-04	1.00E-04	0.15882988	1.00E-04	1.01208735
1.00E-04	1.00E-04	0.15643433	0.90006232	0.19305899	1.00E-04	1.00E-04
3.09943903	3.13436256	3.3988299	3.5380967	3.23123531	1.64275515	2.90656116
0.74886572	1.00E-04	0.84756192	0.56674671	0.48326387	1.00E-04	1.00E-04
1.00E-04	0.71640521	1.60870917	0.88914734	0.87352324	1.00E-04	1.00E-04
1.06353035	0.71640521	0.88403917	0.49704368	0.79771739	1.24661063	1.00E-04
2.20832822	1.00E-04	0.43322853	1.03774699	0.80066664	1.36029751	1.6955472
2.14961562	1.14583798	1.02245098	1.90048828	0.4014198	2.84963763	2.2940786
1.00E-04	1.00E-04	0.12977775	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.15257462	1.13637277	0.81752615	1.00E-04	1.00E-04
1.05785038	1.00E-04	1.00E-04	0.07577735	0.11639204	1.590541	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.20237383	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71640521	0.69412008	0.78097213	0.48529712	1.00E-04	1.00E-04
0.32348982	1.00E-04	0.20948335	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74506998	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6246072	1.00E-04	0.08093755	1.00E-04	0.88487332	1.00E-04	1.00E-04
0.22567044	2.16655308	2.62993453	1.92662744	2.20116105	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.84723238	0.49540409	1.78212362	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45321146	1.00E-04	0.39308757	0.26571569	0.54798061	1.00E-04	1.67566926
2.84991481	1.00E-04	0.43877091	0.21972099	0.70640356	2.43436525	3.07516563
0.82647446	1.00E-04	0.76861595	1.00E-04	0.29590918	1.00E-04	1.00E-04
0.65654973	1.00E-04	1.00E-04	0.25205247	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06880281	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66749751	0.72877389	0.23508985	0.31379417	0.5856583	1.00E-04	1.00E-04
0.83882657	1.50728894	0.58403015	0.90398752	0.09565186	1.00E-04	1.00E-04
1.42571292	1.00E-04	0.43999941	1.46089924	0.63772517	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11121198	1.00E-04	1.00E-04	1.12755498	1.00E-04
1.80895999	1.00E-04	1.2171008	0.71756124	1.08280505	1.61494408	2.24211658
1.00E-04	1.00E-04	0.12469637	0.16769774	0.31273292	1.00E-04	1.00E-04
2.17943894	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32909352	1.00E-04	0.09354831	0.17403974	0.09523547	1.00E-04	1.00E-04
0.36555726	1.00E-04	1.00E-04	1.00E-04	0.1216717	1.00E-04	1.00E-04
0.4381825	1.00E-04	0.2940932	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09950387	1.00E-04	1.14962725	1.74390706	0.65572539	1.91025845	2.1590722
0.35819933	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07593463	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.12036016	1.00E-04	0.14763204	0.64812021	0.12125625	4.61882564	4.42279867
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8369167	1.00E-04	0.77148534	0.59306852	1.02137393	0.95102466	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.52337011	3.31501685	2.97737195	2.63135395	1.00E-04	1.00E-04
1.29693541	1.00E-04	0.4951835	0.25403779	0.15169238	1.00E-04	0.86789477
0.75585186	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2196067	1.00E-04	0.41615883	1.34992126	0.45254939	1.00E-04	1.00E-04
1.17069767	1.97460031	2.02397973	2.01245535	1.86272566	1.00E-04	1.00E-04
0.06301971	1.00E-04	0.79687478	0.42520305	0.587423	1.00E-04	1.00E-04
0.72228618	1.00E-04	0.44005359	0.26089533	1.2161533	0.94371668	1.36565392
2.39227833	1.00E-04	0.09377747	0.07375842	1.00E-04	1.00E-04	1.00E-04
1.7297569	1.00E-04	0.64002646	1.45189359	1.77814597	1.00E-04	1.00E-04
3.49435857	1.00E-04	3.27347194	4.87886153	4.86776298	1.7885998	1.42882862

0.89571805	1.00E-04	1.56091802	1.70033512	1.75796399	1.79438137	2.23439033
0.375354	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14377848	1.00E-04	1.53979243	1.42259141	1.56905725	2.19547181	1.78830928
0.84711201	1.00E-04	0.72919894	0.31010364	1.00E-04	1.31151447	1.92508972
0.21102661	1.00E-04	0.67289346	1.00E-04	0.35341287	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22893852	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	3.26015306	4.49744337	4.07209182	4.09568139	1.00E-04	1.00E-04
2.30400695	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.85665339	2.27801923	1.1485831	1.32959476	1.09149022	2.59634044	2.97863406
2.12924861	1.00E-04	0.10212818	0.15248859	1.00E-04	1.19321377	1.00E-04
2.86724229	1.00E-04	0.34006182	0.1213016	1.00E-04	1.00E-04	1.23636362
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16484259	1.00E-04	0.30411842	0.63746483	0.76754463	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.527004	2.14702846	1.2829254	1.06582712	1.52150205
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09983193	1.00E-04	0.17043254	0.38210521	0.30751397	1.00E-04	1.00E-04
0.17124941	1.00E-04	0.16371972	1.30103111	0.1253092	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09927308	1.00E-04	1.00E-04	1.00E-04	0.84167817
0.56468305	1.00E-04	0.66483141	0.56406693	0.16535001	1.46807032	2.06045898
1.00E-04	1.00E-04	0.11897115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.32386033	1.00E-04	1.00E-04	1.14061365
1.01452365	1.00E-04	0.67578874	0.43078337	0.26811938	1.31151447	1.37041131
1.0902172	0.74506998	0.90711076	1.67845026	1.57884589	1.00E-04	1.00E-04
0.54153954	1.00E-04	0.26573104	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.35763292	2.97024014	1.72754304	1.46955479	1.5852363	1.97259705	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28979052	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1343207	0.87612072	0.58458029	1.00E-04	0.25539612	1.00E-04	1.00E-04
0.45347779	0.96847026	0.64013477	1.58719996	0.5350806	1.00E-04	1.00E-04
2.06697857	1.00E-04	2.13369347	1.98879142	2.38244291	2.02766695	1.21635408
2.699585	1.00E-04	1.84368669	1.33275103	0.93731603	0.46029024	0.68773152
4.16850111	1.52699098	3.3364426	3.64987261	3.65115123	1.88736996	2.93157323
0.41152901	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.86085665	0.79852919	0.9200343	0.6099605	1.00E-04	1.00E-04
0.22395133	0.87612072	0.75686212	0.08321284	0.14744713	2.97988343	3.37274532
1.00E-04	1.50876956	2.09896375	1.12463924	1.77558675	1.00E-04	1.00E-04
1.00E-04	0.8339972	0.14808209	0.56564871	0.5289697	1.00E-04	1.00E-04
3.25830928	1.00E-04	1.33837295	2.28143774	2.25658055	2.17076936	1.38717595
1.00E-04	1.00E-04	0.13303064	0.16130923	0.12233227	1.00E-04	1.00E-04
1.9159681	1.89127927	2.65485322	2.42023986	2.54941977	1.00E-04	2.4964558
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.13877872	0.87456952	0.93602206	1.33773179	2.39307436	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06586442	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18507737	0.7902481	1.86924709	1.58820204	1.498951	1.98384422	3.2014581
1.47404904	1.23400418	0.43783942	0.90204444	1.98159035	1.08377222	0.316869
1.49762754	1.00E-04	0.30982826	0.53518615	0.10423273	1.00E-04	1.9747963
1.59502317	1.00E-04	2.29385986	2.93362327	3.06916235	1.00E-04	1.00E-04
1.00E-04	1.52844921	2.70446697	2.49352877	2.1597924	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96763931	3.28731191	4.30487343	3.18982727	3.46090293	1.00E-04	1.42603217
1.00E-04	1.00E-04	1.00E-04	0.637053	1.00E-04	1.00E-04	1.00E-04
1.602581	0.8339972	1.94302174	2.00474448	1.86981055	1.00E-04	1.8283958
1.00E-04	1.00E-04	1.0705507	0.70836791	1.73774206	1.00E-04	1.00E-04
0.78278357	0.74506998	0.65434025	0.89704473	0.68221145	1.11641065	1.00E-04
1.00E-04	1.00E-04	1.94285071	2.23028624	2.14879141	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17241709	1.00E-04	1.00E-04	1.00E-04
2.18129299	0.8339972	1.4119295	2.24045299	1.58020939	1.68956085	2.00280066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35134699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19146895	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35134699
0.62103386	1.00E-04	0.71069468	1.8144863	2.31733947	1.00E-04	0.7070202
1.00E-04	1.00E-04	1.00E-04	0.20557415	0.69229826	1.00E-04	1.00E-04
3.72917149	4.84448826	5.29637656	4.52938368	4.2773666	3.9697313	4.14961279
1.00E-04	4.17907899	3.9540112	3.2617659	3.11312222	1.28787782	0.56264051
1.00E-04	1.00E-04	0.76611131	1.00E-04	0.3578733	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24439594	1.00E-04	1.00E-04	1.00E-04
2.18595317	3.13005059	1.48481196	1.69008888	2.81423926	1.00E-04	1.45295266
0.06336707	0.87612072	1.17536731	0.68809439	1.09758093	1.00E-04	1.00E-04
1.14301708	3.99726725	4.40921321	3.64997598	3.44267525	1.91801839	2.289307
0.21543042	1.00E-04	2.01300186	1.85149647	1.33870074	1.00E-04	1.00E-04
0.9059275	1.00E-04	0.3606637	1.37468252	0.62755404	1.00E-04	1.00E-04
0.89221378	1.00E-04	0.11438496	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5459448	1.00E-04	0.2378783	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52656179	1.00E-04	0.28001032	1.00E-04	0.67859531	1.00E-04	1.09438334
0.06718044	1.637455	3.20126989	2.68285214	3.45915265	1.00E-04	1.16048721
1.00E-04	1.00E-04	0.67694776	0.4953559	0.76129585	1.00E-04	1.00E-04
1.00E-04	1.12769243	0.94071598	0.95123125	0.54779455	1.00E-04	1.00E-04
1.94113797	1.16726039	1.47496078	2.01964918	1.99583294	1.18075338	3.0790751
1.00E-04	1.00E-04	1.00E-04	0.1053363	1.00E-04	1.00E-04	1.00E-04
0.599127	1.00E-04	0.29203714	0.18661344	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10087646	1.00E-04	1.00E-04	1.00E-04
0.07341779	1.00E-04	1.02833752	0.08431423	0.73578706	1.00E-04	1.00E-04
0.33663116	1.00E-04	1.3437063	1.61331792	1.89949575	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14744713	0.94908439	1.00E-04
1.00E-04	1.00E-04	0.17450264	1.00E-04	0.12945	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12261016	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31482744	1.00E-04	0.67709548	1.02685139	0.47284782	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07227876	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.93276773	2.04494022	2.24795906	1.00E-04	1.00E-04
1.76652335	1.00E-04	0.71669807	1.12255122	2.10226977	1.00E-04	0.68552114
0.27811464	1.00E-04	0.08326693	0.13315922	1.00E-04	1.00E-04	1.00E-04
0.57446629	1.00E-04	0.22028889	0.20571904	0.82319726	0.96274275	1.00E-04
0.32372736	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03954643	1.00E-04	0.3002627	1.00E-04	0.51992924	1.00E-04	1.26389675
0.63560461	1.00E-04	1.28464043	0.5126987	0.78947924	0.79838122	1.00E-04
0.54738987	1.00E-04	0.51594968	1.5303314	0.18352605	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.23102616	2.34804716	2.11737413	1.7114006	1.24492736	1.00E-04	1.00E-04
0.76664455	1.00E-04	1.49090285	1.79438514	1.18244189	0.71661629	1.05176901
0.23127729	1.92499951	1.11173341	0.50799903	0.95723071	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10212818	0.14107641	0.14152107	1.00E-04	1.00E-04
1.81642505	1.00E-04	0.25770256	0.3648554	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16347801	2.82904932	4.04462215	3.09388138	3.27426025	3.77054361	3.61966103
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2626046	1.00E-04	0.19203704	0.20798538	1.00E-04	1.00E-04	1.00E-04
1.41502638	0.87456952	1.08121708	1.10246652	1.41401952	0.86494787	0.62168103
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73066421	1.00E-04	0.76061368	0.74391554	0.94986958	1.18075338	1.89827223
0.8159142	0.7902481	0.5108202	0.4383065	0.55816272	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.44022362	0.35621581	0.2941525	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0691919	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.56811063	0.17865368	0.89736575	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.09744473	1.00E-04	0.79054163	1.70226032	1.47212193	2.24129877	3.02533017
2.94028984	0.87612072	2.76326165	2.63045694	2.88140235	1.88637704	2.78695167
0.11017854	1.00E-04	1.00E-04	0.08871613	1.00E-04	1.00E-04	1.00E-04
0.3094051	1.00E-04	0.09148407	0.55888017	0.40332154	1.00E-04	0.99227054

0.06718044	1.00E-04	0.32959053	1.00E-04	0.12792029	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06795388	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.9951794	0.17987198	0.24012951	0.60477172	1.00E-04	1.00E-04
0.69974637	1.00E-04	1.00E-04	0.07577735	0.60833748	1.00E-04	1.00E-04
1.45186194	0.72877389	0.5729796	1.3741801	1.1920373	1.00E-04	1.1474645
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.38510962	1.66279091
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70510813	1.68427234	0.82784996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1253092	1.00E-04	1.00E-04
0.2675694	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.40563534	2.38230826	2.04099935	0.7764232	1.6132356	2.8869587	2.53593589
1.00E-04	1.00E-04	0.12466471	1.00E-04	0.19146895	1.24245757	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08749008	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12696973	1.00E-04	0.15565817	1.00E-04	1.00E-04
0.54471724	1.00E-04	1.22633946	0.4919089	1.33713338	1.24135441	1.00E-04
1.20779362	1.00E-04	0.3207568	1.43548736	0.98395523	1.00E-04	1.32157107
0.19059588	0.72877389	0.25945031	0.17185717	0.09863458	1.00E-04	1.00E-04
0.3568089	0.68407235	1.40566813	0.74233139	0.74642664	1.00E-04	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64328441	1.00E-04	1.75110092	0.97872089	1.73136424	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53657698	1.00E-04	0.11950854	1.00E-04	1.00E-04	1.38680788	1.25131486
1.00E-04	1.00E-04	0.15847121	1.00E-04	1.00E-04	1.00E-04	0.72495184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52227202	1.67319284	1.89471366	1.53097386	0.79564394	2.21188042	0.41275046
2.70944331	1.2795411	0.61486496	0.48939603	1.16480174	2.46690928	1.86161249
1.00E-04	1.00E-04	0.25858116	1.00E-04	0.35616367	1.00E-04	1.00E-04
0.55127271	0.87456952	1.60733389	1.64504118	0.90465303	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07670308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27316129	1.00E-04	1.45602944	1.47256013	1.97618181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09322287	1.00E-04	0.33914652	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.09915619	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.69980652	0.70701111	0.15509212	1.00E-04	0.89038937
1.92277132	2.87105092	2.64277653	2.83897719	3.05193957	2.31313231	1.74851544
1.00E-04	1.00E-04	0.20652611	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.49012063	2.69484118	2.34399335	1.00E-04	1.00E-04

0.20559333	1.00E-04	0.83644679	1.1764449	0.69870451	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11438496	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.25329817	1.78685627	0.79652852	1.00E-04	1.00E-04
1.00E-04	3.27236789	2.27184779	2.50924213	2.02089342	1.00E-04	1.00E-04
1.00E-04	1.28232395	1.93567794	1.23375572	1.4620535	1.00E-04	1.00E-04
2.40448505	1.00E-04	1.70834509	0.37494228	1.81505482	2.78421571	2.10693843
0.7535719	1.00E-04	1.00E-04	0.16301349	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62067168	1.89650106	2.64566608	1.82818953	2.35399537	3.0320943	2.38112638
0.52953761	1.00E-04	1.22433829	1.69431823	1.19544239	1.00E-04	1.00E-04
0.43150614	1.00E-04	0.47711006	0.74326078	0.20101431	1.00E-04	0.62338205
1.05011911	1.17452218	0.76436859	1.6425039	0.52468347	1.00E-04	1.12396442
1.73679995	0.72877389	2.2686274	2.57556081	2.85060559	1.00E-04	1.00E-04
0.51034325	1.00E-04	0.09915619	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8358776	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81245127
1.00E-04	0.79637057	0.15700336	1.00E-04	0.4353099	0.96274275	1.00E-04
1.00E-04	1.00E-04	0.274577	0.73495466	0.33687415	1.00E-04	1.00E-04
1.92824741	1.00E-04	1.27070164	0.72196215	1.12648706	1.4113289	1.83224415
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.7450557
0.19082602	1.00E-04	1.00E-04	0.12277182	1.00E-04	1.00E-04	1.00E-04
1.51390357	1.00E-04	0.90722062	1.75370482	1.79301443	1.03647332	1.13726808
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16144921	0.19940958	0.41928034	1.00E-04	1.00E-04
1.33216698	1.00E-04	0.85227649	2.37554965	2.72421383	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14368765	0.4098909	0.14566556	1.00E-04	1.39021388
0.18529938	1.00E-04	1.06651352	0.71921919	0.53503313	1.00E-04	1.00E-04
1.00E-04	0.92068596	0.10137643	0.07488174	0.64374775	1.00E-04	1.00E-04
0.25271721	1.00E-04	0.10142528	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.8307545	2.31112656	2.19185732	2.35821098	2.51858586	2.6862443	2.87490364
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19082602	1.00E-04	0.45713402	0.42014249	0.49386181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.69531165	0.20080099	0.16978193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09660285	0.24922568	1.00E-04	1.00E-04
0.6664671	1.31921957	2.04725868	1.70735159	1.20000398	1.11641065	1.00E-04
0.26695621	0.87456952	2.20007811	1.18828578	2.22797355	1.00E-04	1.00E-04
1.86777469	0.8339972	0.92739116	0.26874984	0.36906728	0.72869785	1.01652029
1.00E-04	1.00E-04	1.00E-04	0.40960404	0.09863458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.96847026	1.42383966	0.88254197	0.68567619	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84744448	1.00E-04	0.95513791	1.56807813	1.47451794	0.82884172	3.14222934
0.78827229	1.00E-04	0.11438496	0.18616337	0.19897585	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10561401	1.00E-04	1.00E-04	1.00E-04
0.67627765	1.00E-04	0.32300352	0.21539783	0.12694344	0.92751185	1.00E-04
0.58605681	1.00E-04	0.45305785	1.00E-04	0.29552154	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22450226	1.00E-04	0.38385923	0.18600928	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21203987	0.08961591	0.5743796	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63495521	1.00E-04	0.81245127
1.00E-04	1.00E-04	1.00E-04	0.21748157	0.12343101	1.00E-04	1.00E-04
1.33097237	1.00E-04	1.32431472	0.38967049	0.87273106	2.14507355	2.63593402
1.00E-04	1.00E-04	0.34023672	0.1053363	0.12233227	1.00E-04	1.00E-04
2.45739395	2.53729918	2.75088851	1.94477668	1.49252126	4.06596042	2.70961258
1.37491144	1.46591335	1.84108085	1.30732837	2.0058513	1.00E-04	1.00E-04
0.23127729	1.00E-04	0.1511466	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.6529997	0.20560576	0.23302499	1.00E-04	1.00E-04
0.26372096	1.00E-04	0.41342727	0.32687342	0.16978193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.64651513	0.20820907	0.27569112	1.22667441	1.00E-04
1.21820633	1.00E-04	0.85148961	1.22581242	0.9292216	1.00E-04	1.00E-04
0.12636275	1.00E-04	0.08749008	1.00E-04	1.48872362	1.00E-04	1.00E-04
1.54029743	1.00E-04	1.55538893	1.06412304	1.13416576	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09704178	1.00E-04	1.00E-04
3.30691894	0.68407235	3.08756778	2.81704199	3.0900644	2.67548461	2.55122704
2.00815896	1.12769243	1.21480214	1.3363368	1.80631774	1.78171809	1.00E-04
0.38293358	1.00E-04	0.23226831	1.00E-04	0.33432896	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09749395	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	1.00E-04	1.56812843	0.269537	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67417344	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53095861	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.1538879	1.00E-04	0.86025495	0.87460065	1.50905932	3.65639279	4.5384668
0.22450226	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43220318	1.00E-04	1.00E-04	1.08828374	0.09814195	1.00E-04	1.00E-04
0.62756712	1.00E-04	0.33456189	0.45528821	0.25746231	1.80701044	0.35134699
1.80950898	1.00E-04	1.42913891	2.29330067	2.12585295	1.91802048	0.83430531
1.61984963	2.01215372	3.23090877	2.34354672	2.62965856	1.33205051	1.77319138
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66956165	1.00E-04	1.56519363	2.35494125	2.67781457	1.56208058	2.00765859

1.00E-04	1.00E-04	0.12810717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.98812096	1.00E-04	1.00E-04	0.47629337	0.33068986	1.19321377	1.1752166
1.00E-04	1.00E-04	0.14590176	0.07488174	1.00E-04	1.00E-04	1.00E-04
0.84675424	0.87456952	1.95391934	1.75783459	2.21153795	1.00E-04	1.00E-04
0.27762666	1.00E-04	0.61870855	0.42034438	0.28537083	1.00E-04	1.00E-04
0.43377253	1.00E-04	0.58056459	1.00E-04	0.15169238	2.32178609	2.19454589
0.43804949	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6809137	1.00E-04	0.90747761	1.94407209	1.73274481	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10835368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98428205	1.00E-04	0.21136379	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20181835	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97847949	0.69779233	1.66810744	0.98772012	0.8283994	2.93294622	3.04761971
1.00E-04	1.00E-04	0.22513134	0.49134948	0.62160524	1.00E-04	1.00E-04
0.78744856	1.00E-04	1.47075723	1.30947855	1.77487068	1.26260391	0.48671447
1.00E-04	1.00E-04	1.00E-04	0.23189146	1.00E-04	1.00E-04	1.00E-04
2.61458469	2.04438468	3.08600602	2.4173861	2.68598894	1.78370692	3.00257774
1.00E-04	1.00E-04	0.47871985	0.24823894	0.60727012	1.00E-04	1.00E-04
0.1494006	0.69779233	0.12696973	0.16130923	1.00E-04	1.00E-04	1.00E-04
1.610726	0.87612072	0.9067566	0.46594035	0.50698741	1.15464519	2.13750361
1.00E-04	0.71640521	0.32156766	1.00E-04	0.18420248	1.00E-04	1.00E-04
0.54656929	0.79637057	1.12899499	0.71072498	0.85351812	1.00E-04	1.37881795
1.00E-04	1.00E-04	0.12748072	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09019368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.58583949	0.19464951	0.16358717	1.00E-04	1.00E-04
1.89620312	1.85777561	1.71143365	1.3501385	2.13243596	1.91711945	1.6717382
1.00E-04	1.00E-04	1.00E-04	0.09296692	1.00E-04	1.00E-04	1.00E-04
1.06306992	2.27801923	0.31235582	0.52291577	0.33208694	0.62567961	0.56264051
0.70213797	1.00E-04	0.56108606	0.24745768	0.11711669	1.00E-04	1.00E-04
0.79611463	1.00E-04	1.26075876	1.35786539	1.82255395	1.00E-04	0.46517855
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.96706059	3.31991736	2.90518867	2.28452473	2.16087525	2.04115542	1.95982913
0.67803842	1.00E-04	0.30180644	0.44629268	1.00E-04	1.00E-04	1.00E-04
0.22708613	1.00E-04	0.0996928	0.22488592	1.00E-04	1.00E-04	1.00E-04
0.38339659	1.00E-04	0.16341974	0.1642815	0.12391687	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28483486	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17780418	1.3386578	0.62191567	1.06684619	0.69882254	0.94908439	1.00E-04
0.39169716	1.00E-04	0.16936324	0.39294295	1.00E-04	1.00E-04	0.49725191
0.76633453	1.00E-04	0.38203771	0.30277898	1.00E-04	1.00E-04	1.00E-04

0.96861266	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18236427	1.00E-04	0.33450599	0.26949193	0.65798649	1.00E-04	1.00E-04
0.79087407	1.00E-04	0.26042389	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07468412	1.00E-04	1.18372022	0.76675126	0.37726853	1.65127215	1.99898501
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.99316046	1.5288862	3.16361462	2.73462099	2.46932577	1.97445299	2.14752938
0.37676908	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.26283693	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26421816	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45262125	1.70995124	3.75042423	4.78592377	4.85875996	1.00E-04	1.00E-04
0.45663653	1.00E-04	0.08695588	0.54394621	0.7681062	2.25923043	1.7219653
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92784195	1.00E-04	1.54415358	1.42373876	1.16658672	1.00E-04	1.44463983
2.55742081	1.00E-04	0.27104195	1.00E-04	0.40711295	3.3321487	3.0567303
3.6160932	1.00E-04	0.58056459	1.00E-04	0.25372021	3.28971226	3.18958969
2.91855247	2.66769991	3.82751296	4.13250896	4.3155577	1.96820998	2.00257349
0.19984034	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.7551454
1.08560133	1.00E-04	1.00E-04	0.74830965	1.00E-04	1.00E-04	1.51619488
1.00E-04	1.00E-04	0.09377747	0.14643558	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09963551	0.20798538	1.00E-04	1.00E-04	1.00E-04
1.31706685	1.00E-04	0.22255305	0.23953126	0.22198919	1.58630913	1.00E-04
2.27469967	1.00E-04	2.18157309	1.87498394	0.98858174	1.64001363	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35491339	1.00E-04	1.0275827	0.12615384	0.84150379	1.00E-04	1.00E-04
0.41051496	1.00E-04	0.07299269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.99332351	1.00E-04	1.81435381	2.55583014	2.51741949	1.71554403	1.63518987
1.51947619	0.7902481	0.41266194	0.62501789	0.23957233	0.93702359	1.14061365
1.22729789	1.00E-04	0.46171602	0.22146597	0.13631278	1.00E-04	1.00E-04
1.19283805	1.00E-04	0.11897115	0.15144185	0.09814195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06554964	1.00E-04	0.18101271	1.00E-04	1.00E-04
0.39963561	1.00E-04	0.14368765	0.17790627	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.95734266	1.52102673	2.97474752	3.58844551	3.8267366	2.89272656	3.51292055
3.38779838	1.2795411	1.99642284	2.9595508	2.77166484	1.79191312	2.21774694
1.27853899	1.00E-04	0.55031216	0.21760218	0.35058118	1.00E-04	1.00E-04
0.87390795	1.00E-04	0.55803341	0.43203697	0.47694412	1.00E-04	1.00E-04
0.43230768	1.00E-04	0.28134995	0.2272358	0.2459867	1.00E-04	1.00E-04
1.0009732	1.00E-04	0.12810717	0.22004244	0.45183453	1.00E-04	1.00E-04
2.98563186	1.00E-04	1.7532106	1.22399636	0.75430806	2.00397545	2.87735841
1.57284401	1.00E-04	0.28944566	1.52937103	0.34542306	1.00E-04	2.37170457

1.47412822	1.00E-04	0.73238685	0.65457371	0.36094045	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25044987	1.00E-04	1.00E-04	1.00E-04	0.11078928	1.00E-04	1.00E-04
3.38206799	1.65790446	2.59234296	1.73988512	2.08730318	2.49748326	2.77616701
0.63717217	1.61326386	1.89370755	1.04196747	1.46381248	1.00E-04	2.05701894
2.9851115	2.62956479	3.27392747	2.59652976	2.89433936	3.00207983	3.0142714
2.35124596	2.20727182	3.11988685	2.77166709	2.8995902	2.48393199	3.45668366
0.51675568	1.00E-04	1.4509604	1.17450824	0.95060717	1.00E-04	0.41275046
1.00E-04	1.00E-04	0.10402423	1.00E-04	0.11344173	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09060953	1.00E-04	0.10294237	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13631278	1.00E-04	1.00E-04
1.12565678	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52415991	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14514448	0.07577735	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63359162	1.00E-04	0.10372768	0.23949094	0.17232922	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.13388039	2.52981107	2.81165359	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34546002	1.03279352	0.30822452	1.00E-04	1.00E-04
0.28538365	1.00E-04	1.00E-04	0.27454456	0.40346474	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26890655	1.00E-04	1.18797779	0.73771314	0.94767368	1.00E-04	1.00E-04
0.52603396	1.00E-04	0.10414554	1.67388324	0.09550581	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13781744	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38521109	1.3386578	0.10372768	0.53294893	1.00E-04	1.00E-04	1.294807
1.00E-04	1.00E-04	1.58820708	0.54838518	0.7085582	1.00E-04	1.00E-04
1.54555566	0.96847026	0.0691919	1.00E-04	0.14566556	1.39046758	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.95137183	1.00E-04	1.38827807	1.06115736	2.18441728	1.15207211	2.9635387
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10423273	1.00E-04	1.00E-04
1.98455667	1.00E-04	0.72275141	0.30278167	0.15290548	1.00E-04	0.46517855
2.34817094	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19592806	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97490684	2.09278753	2.99808252	1.93301911	2.13142706	1.00E-04	1.00E-04
3.03280074	1.47191989	2.34810076	2.34013413	2.1774685	2.43714374	1.56711399
1.00E-04	1.00E-04	0.50198379	0.08852014	1.00E-04	1.00E-04	1.00E-04
2.01329843	1.00E-04	1.00E-04	1.00E-04	0.28096859	1.00E-04	1.55572171
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12125625	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.90234465	0.25882691	1.12738558	1.00E-04	1.00E-04
0.97862047	0.87612072	3.08107636	2.34428541	2.54446967	2.33574552	2.45147231
2.63341999	1.63449278	2.9501648	2.42398969	2.49650226	2.92088603	3.02429432

1.00E-04	1.19880434	1.2589144	0.88890305	2.15333028	1.00E-04	1.00E-04
0.61522049	1.00E-04	0.80056984	0.80528971	0.54989442	1.00E-04	1.74743237
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60138682	1.00E-04	1.00E-04	0.07577735	0.1216717	1.00E-04	1.00E-04
1.00E-04	2.56751463	2.78498351	2.43282936	2.60849619	1.00E-04	0.46517855
1.00E-04	1.00E-04	0.15404675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.47607712	1.19880434	2.33712137	2.04464769	3.22409024	3.29771261	3.38185286
3.28787263	0.72877389	2.04436323	1.96230342	1.62136089	3.09364477	3.5885073
1.00E-04	0.74506998	0.08590433	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17704384	0.11808269	1.00E-04	1.00E-04	1.00E-04
1.26407322	0.87456952	0.87391948	0.34150052	0.21798051	1.00E-04	1.00E-04
1.79741578	0.69779233	0.73409447	2.62321898	1.58915429	1.00E-04	1.00E-04
0.38906488	1.00E-04	0.27601834	1.00E-04	0.26927172	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.97157807	1.00E-04	1.45308765	0.59719196	0.89229099	1.23897179	0.97863975
1.00E-04	0.72877389	0.17857919	0.39691557	0.36596039	1.00E-04	1.00E-04
0.57394187	1.00E-04	0.5046162	0.94730296	0.21660515	1.19321377	1.00E-04
1.00E-04	1.00E-04	0.13303064	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1430496	2.86692964	2.67162713	3.52990228	3.16285127	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10906177	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.57468207	0.72877389	1.43706841	0.62421743	1.71616487	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.291455	1.07295235	0.54413804	1.00E-04	0.84167817
2.92851364	0.68407235	1.15790045	1.79708732	1.40713679	2.07199666	2.28792334
0.4487097	1.00E-04	0.7552709	1.49078635	0.60734442	2.76105852	2.2013605
0.56763112	1.31007456	2.97096025	2.43109271	2.3890841	1.00952146	1.00E-04
0.13090406	1.00E-04	1.00E-04	1.00E-04	0.10294237	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.55856492	2.34886577	2.78511092	1.00E-04	1.00E-04
0.09031792	1.00E-04	0.08280154	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19227684	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8339972	1.01415938	0.24184439	0.80368519	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32694867	1.41047449	0.24031028	1.00E-04	1.00E-04
0.38880439	1.00E-04	1.00E-04	1.00E-04	0.11078928	1.00E-04	1.00E-04
0.99142263	1.00E-04	0.77712306	0.37682347	0.71579834	0.93702359	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07655967	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	3.04654373	0.35861644	0.08557886	1.00E-04	1.00E-04	1.00E-04
0.4116885	1.00E-04	0.41320065	0.50782541	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.8284055	1.04254908	1.17596841	1.00E-04	1.00E-04
1.43935674	1.70511325	1.2304695	1.35693091	1.32536071	1.00E-04	1.00E-04
0.11017854	0.8339972	0.68668553	0.31664077	0.10702905	1.00E-04	1.15573112
0.35918241	1.00E-04	0.71067136	0.51971893	0.40962549	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37137477	0.38760993	0.47951155	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53783923	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17706812	0.10561401	1.00E-04	1.00E-04	1.00E-04
0.46752794	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.19321377	1.00E-04
2.294481	0.8339972	1.18107095	1.75067655	1.72952605	1.63875781	1.82053584
0.10913195	3.37509426	1.1939183	1.20919966	1.32193214	1.40857904	1.31799764
0.10260419	1.00E-04	0.32116187	1.5875445	1.71950558	1.00E-04	1.00E-04
2.62945516	1.00E-04	0.89239165	1.02404165	1.84661182	1.0577075	1.57197628
1.00E-04	1.00E-04	0.38196041	0.15219862	1.00E-04	1.00E-04	1.00E-04
2.92831325	2.42123496	2.35915943	1.63537705	2.33231141	3.10537985	3.1496311
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20495131	1.10522239	1.13729833
1.00E-04	1.00E-04	0.13303064	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17697674	0.22929158	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18255603	1.00E-04	1.00E-04
0.22708613	1.00E-04	0.14427195	0.1285221	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36685975	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05903671	1.00E-04	0.28801942	1.00E-04	1.00E-04
2.0076859	2.7916463	3.54163424	3.05198502	3.26921345	1.00E-04	1.35990954
1.00E-04	1.00E-04	1.89627949	1.69688498	1.0946674	1.00E-04	1.00E-04
0.49803103	1.00E-04	1.30400539	0.71673302	0.60585784	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09377747	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28917954	1.25509001	0.58771545	0.49097148	0.64783771	1.24245757	0.49725191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12636275	1.00E-04	1.00E-04	0.0848519	0.17707887	1.00E-04	1.00E-04
0.36120381	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36564944	1.00E-04	0.95698706	0.21923999	0.95629143	1.00E-04	1.1853365
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.77810551	1.00E-04	0.76550563	1.29758612	1.16904021	3.79925955	2.88340124
0.25761672	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82884172	1.00E-04
1.00E-04	1.00E-04	0.3595077	0.26754087	0.24250395	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.67984347	0.55363008	0.16535001	1.00E-04	1.00E-04
0.76006386	0.96847026	2.49976141	2.07097982	2.19401428	0.62567961	0.7040554
0.16437031	2.46232992	3.45815137	2.81310183	3.18162109	1.00E-04	1.00E-04

2.20621326	1.57120999	1.88171127	1.73714835	1.749709	1.24983373	1.90789628
1.17178795	2.72090464	1.25992632	0.97127086	0.60932067	2.12459877	2.88028986
1.70009583	1.49077582	2.51874983	1.70944349	1.89126224	2.68669481	1.00E-04
3.12053156	1.00E-04	0.94206317	0.96889889	1.0773241	2.8198078	2.40714707
0.9527381	1.00E-04	1.12760697	0.5495932	0.56226294	1.103099	2.10318048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.9561911	2.1132161	1.17145129	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11450942	1.00E-04	1.00E-04	1.00E-04	1.50966455
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33302315	1.00E-04	0.32490448	0.37453355	0.24194431	1.00E-04	1.20154241
1.00E-04	1.00E-04	0.22909936	0.14621476	1.00E-04	1.00E-04	1.00E-04
0.30590688	1.00E-04	0.96190455	0.9476335	0.33002089	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	0.69779233	1.95520617	1.30895688	1.14323959	1.00E-04	1.00E-04
1.00E-04	2.37488246	3.23260336	2.63845554	3.111735	0.97058651	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.43172792	0.87612072	1.10979463	0.98702025	1.237904	1.98845322	1.52306781
1.00E-04	1.00E-04	0.75392385	0.28323412	0.83573637	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09161201	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.17306433	3.94724354	2.6368521	2.62802456	2.21635585	3.0016808	3.99582274
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29331723	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27444767	1.00E-04	0.72691772	0.98325711	0.64540776	1.28787782	2.23365395
0.28437549	1.00E-04	1.02273071	0.3846998	1.06756446	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77226387	1.00E-04	1.34888731	0.77271121	0.99229335	1.00E-04	1.00E-04
1.96718316	0.72877389	1.65855939	1.24670593	1.56348263	2.0910162	1.75591868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.23832576	1.00E-04	1.53674002	1.61550764	2.12605586	1.84002078	0.97522957
1.00E-04	1.00E-04	1.00E-04	0.09142772	1.00E-04	1.00E-04	1.00E-04
2.79618254	1.7025968	3.5523675	2.80100585	3.31345297	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97508914	1.44044323	2.49841629	1.75070385	2.21793987	0.79838122	1.00E-04
1.00E-04	1.00E-04	0.40166535	1.00E-04	0.30955468	1.00E-04	1.00E-04
0.16967021	1.00E-04	0.92847406	0.33359761	0.61749834	1.00E-04	0.82486735
1.86367701	1.00E-04	0.42167686	0.34588752	1.00E-04	2.48015682	3.7976953
1.16267515	1.00E-04	0.12994377	0.10659766	0.15392957	1.00E-04	1.38081881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.97879417	0.26158086	0.4648611	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11606138	0.24819224	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.08269935	0.12615384	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12810717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08269935	1.00E-04	0.13718086	1.00E-04	1.00E-04
1.00E-04	1.81044415	3.0330087	2.08947184	1.91497176	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53066354	2.99265844	2.63778416	2.25595694	2.51965915	0.82884172	1.00E-04
1.70628377	1.00E-04	1.00E-04	0.08952278	0.17232922	1.00E-04	1.00E-04
0.99623553	1.00E-04	0.84982074	0.18522577	0.43033416	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27818151	1.00E-04	0.16358717	1.00E-04	1.00E-04
1.66784336	1.00E-04	1.65241148	0.94369631	0.95853215	1.88174023	2.39550584
1.00E-04	1.00E-04	0.43960989	0.37490806	1.00E-04	1.00E-04	1.00E-04
0.39436419	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07227876	1.00E-04	0.47848763	1.00E-04	1.00E-04
0.546405	1.00E-04	0.18160417	0.4631674	0.10452963	2.04417875	2.20924135
0.08716682	1.00E-04	0.16341974	0.44194739	1.19927925	1.00E-04	1.00E-04
2.86847821	2.31371584	2.95356253	2.26583929	2.82747643	2.77618367	2.75734181
1.00E-04	1.00E-04	0.74514465	0.73090537	0.97460646	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76294789	3.40416915	2.72325203	1.96688786	3.36444053	2.11275867	2.73200996
2.13869466	1.00E-04	0.91611646	0.34763451	0.43878328	1.05970842	2.68431526
1.73965719	1.00E-04	1.16145379	0.84560298	1.10478279	1.00E-04	0.49725191
1.00E-04	1.00E-04	0.19892274	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08383044	1.00E-04	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29424965	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08383283	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.2795411	1.1971913	0.44377475	0.7577369	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06816182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.03784485	0.26491308	0.36991038	0.37903517	1.00E-04	1.00E-04
0.1453952	1.00E-04	0.11159101	0.60606998	0.32470059	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08009723	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28223677	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.57096094	2.98399841	2.65461811	2.6209235	1.00E-04	1.00E-04
3.35395025	2.53141288	2.87078167	0.84668309	2.15812945	2.9111774	4.07235002
0.60350922	0.71640521	0.91774558	0.54892774	0.4410163	1.00E-04	1.00E-04
0.51288449	1.00E-04	1.30186942	1.00E-04	1.14890148	1.00E-04	1.00E-04
0.5360081	1.46718893	0.09322287	0.74687911	1.00E-04	0.79958263	0.40038755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21970886	1.00E-04	1.27914412	0.84730126	1.743257	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08292731	0.06816182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14982667	1.00E-04	1.00E-04	1.00E-04
4.17006609	1.00E-04	0.36495061	0.32068583	0.62892175	1.21953932	1.88060852
0.53066354	0.7902481	1.00E-04	0.60241703	0.16978193	1.00E-04	1.22877695
0.44425116	1.00E-04	0.1548791	0.37484141	0.3973058	1.00E-04	0.49725191
2.30853483	0.7902481	2.37478297	3.01438559	2.37816295	2.08741509	1.06680503
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08093755	1.00E-04	0.09802713	1.00E-04	1.00E-04
0.97317929	1.00E-04	0.93549525	0.23468352	0.60641037	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32821879	1.00E-04	0.4583224	0.38504692	0.40944449	1.00E-04	1.27747878
0.64865173	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36332732	2.27899924	2.39844704	2.58702902	1.68390592	1.79621093	2.10417733
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92068596	0.98386791	0.58036976	0.56016563	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.18817622	1.00E-04	1.86786525	1.85030906	1.4236938	2.57045601	3.37447844
0.61014733	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96595182	1.00E-04	1.00E-04	0.08710603	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09060953	0.17550283	0.13631278	1.00E-04	1.00E-04
0.3234121	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34424884	0.52566988	0.15509212	1.00E-04	1.00E-04
0.58416093	1.25402837	2.10802867	2.19330986	2.44967618	1.00E-04	0.40038755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19056315	1.00E-04	1.00E-04
0.4576517	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.17710649	1.00E-04	1.00E-04	1.20679676
0.32948322	4.30805828	4.46300814	4.12737788	4.17768373	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.10969326	1.00E-04	1.00E-04	1.00E-04
1.75836644	1.17452218	1.87974966	1.75673761	1.44605858	1.28038486	1.90112667
0.21357277	1.00E-04	1.00E-04	1.00E-04	0.42923204	1.13698109	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06423036	0.39525866	0.45357691	1.00E-04	1.00E-04
0.26858016	4.23063201	4.60380054	4.062128	3.62631924	1.00E-04	0.48671447
1.15175095	4.69682642	5.46932878	4.82787073	4.99194338	1.00E-04	1.83732691
1.44044901	1.00E-04	1.14962808	0.3281309	0.24931939	0.46029024	1.00E-04
1.31843356	1.00E-04	0.92442274	1.09329974	0.69434506	1.00E-04	1.99322764
1.52042001	1.00E-04	1.33207494	1.00695571	1.03033366	1.76074556	1.86949713
1.00E-04	1.00E-04	1.00E-04	0.09290426	1.00E-04	1.00E-04	1.00E-04
1.11750509	1.00E-04	0.15670243	1.23024119	1.38053358	1.00E-04	1.00E-04
0.94768351	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3957858	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21713088	0.25438443	1.7329035	1.00E-04	1.00E-04
2.19890474	1.25509001	1.49344804	0.92406708	1.13639998	2.2008023	2.50552426
1.00E-04	3.34929759	3.65926185	3.33509728	2.85159481	1.00E-04	1.00E-04
0.10913195	1.00E-04	0.50801906	1.72764235	1.94214883	1.00E-04	0.7214142
2.51407588	1.25402837	2.78432577	2.95308546	3.00390761	1.70148947	2.69565437
1.00E-04	1.00E-04	0.20652611	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16868594	1.00E-04	0.99345393	1.38678521	0.79220459	1.39046758	2.11817855
0.20129929	1.00E-04	1.00E-04	0.52566988	1.00E-04	1.00E-04	1.00E-04
0.06301971	1.00E-04	0.3121743	1.00E-04	0.18255603	0.46029024	0.40038755
0.13090406	1.00E-04	0.59921133	0.71644702	0.37214658	1.00E-04	1.00E-04
1.61683299	1.00E-04	1.65083512	0.53044986	0.5762669	0.86319656	1.32208337
0.73611322	1.00E-04	0.40115342	0.46678726	0.70337916	1.00E-04	2.04187891
1.00E-04	1.00E-04	0.16549647	1.58389415	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13781744	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63932471	2.32987815	1.48577497	1.20263046	1.08034616	1.00E-04	0.62168103
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31092688	0.60393949	1.00E-04	1.00E-04	1.00E-04
0.0903597	1.00E-04	1.00E-04	1.00E-04	0.09704178	1.00E-04	1.00E-04
0.11017854	1.00E-04	1.00E-04	1.00E-04	0.14163853	0.83083207	1.00E-04
0.86727877	1.00E-04	0.09060953	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31138241	5.3640128	4.77013859	4.06238924	4.70436988	5.13931582	4.77391616
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23972165	1.00E-04	1.00E-04
1.60066411	1.00E-04	1.0113569	0.55974532	0.66042822	1.86294407	1.69998633

1.00E-04	1.2795411	0.16748478	0.08680543	0.18750702	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13377378	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11121198	1.00E-04	0.2245907	1.00E-04	1.00E-04
0.31460011	1.00E-04	0.70518597	0.55604826	1.41418034	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13406611	0.45245201	0.706338	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15182338	0.31080319	0.46609778	1.00E-04	2.57552758
0.37993054	1.00E-04	0.15815498	1.00E-04	1.00E-04	0.62567961	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.15464519	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.39686577
0.25365118	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64523594	1.00E-04	1.35239737	0.61582688	1.16229537	2.42116949	1.07588598
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21894683	1.00E-04	1.00E-04
0.06336707	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.79637057	1.20606188	2.58622837	1.44558941	1.00E-04	1.00E-04
3.37496486	1.00E-04	2.86590783	3.61729878	3.49247536	2.42438379	2.13107087
0.30146351	1.00E-04	0.34679399	1.00E-04	0.15882988	1.00E-04	1.00E-04
0.1136802	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06880281	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16437031	1.00E-04	0.36557291	0.28622492	0.10423273	1.00E-04	1.91727147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.29727313	1.00E-04	0.91858722	0.53204679	1.11652572	0.95102466	2.1703592
0.41217692	1.00E-04	0.43694523	0.77629908	0.62647342	1.00E-04	1.00E-04
0.0766569	1.00E-04	0.08621585	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.29565186	1.00E-04	1.12599491	0.93710639	1.18006232	0.79958263	1.18453576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53282667	1.00E-04	0.81645651	0.63922976	0.23768936	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.11054575	0.92051291	0.41217494	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24922568	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1253092	1.00E-04	1.00E-04
0.23793485	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74460591	1.00E-04	0.29764213	0.31945132	0.45444013	1.00E-04	1.00E-04
0.10260419	1.00E-04	1.08327813	0.76917876	1.21022087	1.00E-04	1.00E-04
0.29907831	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8487308	2.36334728	2.16395403	1.95524833	1.60798716	2.11540847	1.30196094
0.07341779	1.17452218	1.95125371	2.41887865	2.31162641	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52248153	0.7902481	0.38749799	0.11604183	0.28940685	1.00E-04	1.00E-04
1.53175153	1.00E-04	0.95641869	0.34477009	0.48467967	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.25623606	1.00E-04	0.62970686	0.28132431	0.35364436	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09375359	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53190777	1.81083596	2.35083859	2.61770923	2.96938678	1.00E-04	1.7196904
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18529938	1.00E-04	0.27357243	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.63247779	0.69779233	1.15287238	1.05602069	1.05723812	1.00E-04	1.00E-04
0.38749866	1.00E-04	0.71186811	0.5008957	1.01980285	1.00E-04	0.72495184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18019684	0.1053363	1.00E-04	1.00E-04	1.00E-04
3.47427132	1.46073695	2.71760721	2.39264211	2.61892112	3.31848669	3.64120129
0.91869874	0.71640521	1.05997406	0.61840714	0.42494618	1.44286217	1.00E-04
1.3264328	1.00E-04	0.10212818	0.37799426	0.80327395	1.00E-04	1.00E-04
2.63865769	0.68407235	1.67356043	0.8296159	0.74788248	2.13636589	2.59810422
0.1343207	1.00E-04	1.00E-04	0.11614357	0.64095551	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1642237	0.08823908	0.48046361	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.9870958	1.05557609	1.11645966	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08557886	1.00E-04	1.19321377	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27652594	1.00E-04	0.38782795	1.2739956	0.96823739	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24504997	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13394589	1.00E-04	1.11062834	0.25222616	0.52810428	1.00E-04	1.00E-04
0.33385759	1.00E-04	1.00E-04	0.08321284	0.14461624	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20280195	0.16949462	1.00E-04	0.79838122	1.00E-04
0.2844415	1.00E-04	0.25114766	0.8554252	1.57450738	0.84473467	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2528596	1.00E-04	1.5870396	0.90263945	0.30615693	1.00E-04	1.00E-04
1.95465438	0.74506998	2.09851537	2.8294383	2.66286796	0.88323491	1.00E-04
2.01194905	1.00E-04	1.66083419	0.63750495	0.76163646	1.80469206	3.51055612
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18236427	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63479975	1.00E-04	0.46633583	0.1141687	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2847347	1.00E-04	0.71077078	0.77458414	0.53633932	1.67106988	1.19483059
1.00E-04	1.00E-04	0.15720559	0.12143419	1.00E-04	1.00E-04	1.00E-04
0.96765394	0.68407235	0.30497949	0.30313003	1.30182544	1.00E-04	1.00E-04
1.27404458	2.27801923	0.30192471	1.1637653	0.78749807	1.83788293	2.27762216
1.51386602	1.00E-04	1.43718355	1.90677665	3.16756153	1.103099	1.00E-04
0.36555726	1.00E-04	2.19647703	1.71856223	2.1830989	1.00E-04	1.00E-04

1.00E-04	0.79637057	1.34459481	0.96726181	1.57218632	1.24245757	1.00E-04
1.00E-04	1.00E-04	0.12696973	0.08021281	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.15872533	1.78047558	2.51656796	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26494088	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15820389	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87612072	0.17294348	0.18260354	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08509915	0.42826602	1.00E-04	1.00E-04
0.75416066	0.74506998	0.67527159	0.77523383	0.96363762	0.94908439	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42827067	1.00E-04	1.12465469	1.10760254	0.59444556	1.00E-04	1.85025066
1.00E-04	1.00E-04	0.08765397	0.15652142	0.13631278	1.00E-04	1.40124383
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44283332	0.92068596	1.63572909	1.35068207	1.29964957	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82837731	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32702477	1.00E-04	0.676923	1.59692751	0.95472341	1.00E-04	0.7070202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.14629498	3.38861592	4.07651699	5.0623963	4.81358258	3.5442307	3.81836827
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12261016	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.7742212	1.00E-04	0.35876776	1.00E-04	0.44434605	0.81261445	1.09138487
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41382618	1.00E-04	0.68508498	0.08624493	0.35111897	1.00E-04	1.00E-04
3.20435502	1.1166062	3.1278102	2.9986662	2.86233188	2.86574457	1.80393592
3.13978938	3.57146014	4.81669852	4.06511473	4.20325874	1.50153526	3.22689213
1.00E-04	1.00E-04	0.2225281	0.29715805	0.30343282	1.00E-04	1.47065192
1.00E-04	2.27801923	1.0108814	0.53776546	0.48209788	1.00E-04	0.49725191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35436091	3.04654373	0.0996928	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37140795	1.72406876	2.46119109	1.57275427	1.37759757	2.27651279	2.26097389
0.72392785	1.00E-04	0.84177716	1.56900083	1.05423478	1.00E-04	1.00E-04
0.46656211	1.00E-04	0.25524756	0.25482709	0.15653713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17130412	0.08961591	1.00E-04	1.00E-04	1.00E-04
2.11420478	1.00E-04	1.51479899	0.92528899	1.85677004	2.06953056	0.41275046
1.00E-04	1.00E-04	0.31370747	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53027881	1.00E-04	1.00E-04	0.17241709	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.55893369
1.00E-04	1.71149703	2.49226502	1.95690036	1.97384609	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41971502	1.00E-04	0.10424131	1.00E-04	0.33667122	1.00E-04	1.00E-04

2.3458127	1.31236668	1.79392401	1.84917425	2.08946372	1.00E-04	1.31253547
1.33858087	1.25074513	1.53404203	0.46935256	0.71550887	1.00E-04	1.32800755
1.64026423	0.96847026	0.39791096	0.133586	0.17713548	1.03647332	1.00E-04
1.58312861	1.00E-04	1.89094208	2.01782195	0.72190307	1.00E-04	1.00E-04
1.00E-04	0.74506998	0.0688269	1.00E-04	0.30607534	1.00E-04	1.00E-04
0.38315812	1.00E-04	0.60969047	0.70659279	0.09759627	0.84473467	1.00E-04
1.00E-04	1.00E-04	1.34715025	0.46285197	0.95447949	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06649866	0.06796023	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.01871508	2.4202838	2.48286586	2.26624085	1.00E-04	1.00E-04
0.77187876	1.00E-04	0.2103602	1.00E-04	1.00E-04	2.03102674	1.00E-04
3.24644347	3.69456632	3.47453616	2.73321229	2.98875468	1.11641065	1.00E-04
1.10395189	1.00E-04	0.2982975	0.19144925	1.00E-04	1.00E-04	1.00E-04
0.24067853	1.00E-04	0.51233883	0.31599721	1.78459649	1.00E-04	1.00E-04
4.05991749	1.15872716	2.84319247	2.52144975	2.59739825	4.22719483	4.30654816
0.64045093	1.1166062	1.01482824	1.09370131	1.5939798	0.81261445	1.46630533
1.00E-04	2.50248472	2.81867548	2.16464865	1.96994206	1.00E-04	1.00E-04
1.5582807	1.28620973	0.98997761	1.29239524	2.04544682	1.00E-04	1.29823861
0.71172787	1.17452218	0.19829662	0.19003104	1.00E-04	2.15676743	1.00E-04
1.00E-04	1.00E-04	0.24940181	0.16306371	0.52591783	1.00E-04	0.81245127
1.00E-04	1.00E-04	0.13781744	0.31080932	0.23503752	1.00E-04	1.00E-04
0.5416046	0.71640521	0.95074928	0.26585503	0.75644646	1.00E-04	1.00E-04
0.06336707	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7902481	0.72370839	0.62904355	0.62299217	0.86319656	1.00E-04
1.25840589	1.00E-04	1.23996472	1.71653325	1.28123843	1.12978361	2.04653745
1.15418096	1.00E-04	0.75669456	0.71559729	0.26066026	1.00E-04	1.00E-04
0.96294559	1.00E-04	0.44393616	1.00E-04	0.23438279	1.00E-04	1.35340576
1.00E-04	1.00E-04	0.07655967	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04264095	1.00E-04	1.76915018	1.75279603	1.27978378	1.58283731	1.02294731
1.09297256	1.00E-04	0.17593313	0.20905755	1.30787721	1.00E-04	1.00E-04
0.16999556	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25512186	1.00E-04	0.15739259	1.17564827	1.00E-04
1.00E-04	0.92068596	1.0271657	0.3410304	0.71187639	1.00E-04	1.00E-04
0.44867593	1.00E-04	0.17390745	0.64863699	1.00E-04	1.00E-04	0.92052278
0.63574481	1.00E-04	0.6976602	0.4035848	0.32730322	1.00E-04	1.18720116
0.96164707	1.00E-04	0.27844471	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2528596	1.00E-04	0.1399591	0.12277182	0.09511513	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59319938	1.00E-04	0.46678293	0.60909999	0.93594975	1.00E-04	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87456952	0.85798744	0.65508634	0.89586036	1.00E-04	1.00E-04
1.03559065	1.00E-04	0.34800403	0.30332081	0.127027	1.11481773	1.00E-04
1.00E-04	1.00E-04	0.0691919	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.04754158	1.18311866	2.16278927	1.53269529	1.56540423	1.00E-04	1.01194579
1.00E-04	1.00E-04	0.41887886	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11606138	1.00E-04	1.00E-04	1.00E-04
1.14704361	1.00E-04	1.31153707	1.04510302	0.69955243	1.00E-04	1.00E-04
0.56895646	1.00E-04	1.2726763	1.30700413	2.41739373	1.00E-04	0.40038755
3.80716681	1.00E-04	1.31136221	0.76652731	0.82082071	2.01072296	3.32465824
1.00E-04	1.00E-04	0.18483345	0.70607004	0.11779102	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20798538	1.00E-04	1.00E-04	1.00E-04
1.79493994	1.99863796	0.72277139	1.00384674	2.05619733	1.00E-04	1.00E-04
0.4697418	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.51261001	0.07488174	0.45764756	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17081634	0.22620065	1.00E-04	1.00E-04	1.00E-04
0.09031792	1.00E-04	1.00E-04	0.12988431	1.17007125	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10913195	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.88048661	0.08509915	0.27193418	1.00E-04	1.00E-04
1.27337556	1.00E-04	0.57482792	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23897437	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91457076	1.00E-04	1.5111745	2.73930932	2.96422472	1.45598608	1.41504388
1.00E-04	1.00E-04	0.62044995	1.00E-04	1.00E-04	1.00E-04	1.14061365
2.99762962	2.02892379	4.00447782	3.62463874	3.53488865	2.88389775	1.98540346
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94053008	1.00E-04	0.74284298	0.72602337	1.03337735	1.24135441	1.00E-04
0.16484259	1.00E-04	1.00E-04	0.12129306	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.44174836	0.17687329	0.65079023	1.00E-04	1.00E-04
0.72668476	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87155435	1.00E-04	1.05169469	0.95693899	0.93563827	2.2373828	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.97697906	2.20673586	2.19506437	1.78434059	2.05376594	2.98077244	3.56288588
1.00E-04	1.00E-04	0.65062476	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19474114	1.00E-04	0.12858809	0.08509915	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08509915	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09377747	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55577083	1.00E-04	1.01332765	0.58788777	1.00401097	1.00E-04	1.00E-04
1.00E-04	1.28352536	1.19808845	0.44987199	0.63803394	1.00E-04	1.00E-04
0.81516203	1.59852418	2.01222835	1.01750458	0.91433436	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.09545996	0.0848519	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.46418728	0.64070182	0.61863965	1.00E-04	1.00E-04
0.54407602	1.00E-04	0.24931119	1.5544905	1.14785546	1.00E-04	1.00E-04
1.35975765	1.00E-04	0.78061213	0.95003646	1.14797089	1.00E-04	1.76152679
0.82369711	1.00E-04	0.55407062	1.2904114	0.73728721	1.00E-04	1.00E-04
0.53095861	1.00E-04	1.5031934	1.21611113	1.1386985	1.00E-04	1.00E-04
0.48650923	2.87297231	2.59683044	2.20392003	1.86541203	1.00E-04	0.72495184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.4024808	1.25073943	2.37685954	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67868867	1.00E-04	0.55495044	0.08021281	0.09802713	2.05686804	1.65374659
0.47883084	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07417243	1.00E-04	0.47723035	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68082138	1.00E-04	0.77254358	0.34375503	0.3677288	1.00E-04	1.96783039
1.03766942	2.17209726	2.95148302	2.58194092	2.55293226	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.24135441	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90442123	1.00E-04	0.778172	0.64242259	0.7052004	1.98580546	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20795807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.44415736	0.63940689	1.95321712	1.00E-04	1.00E-04
0.41048893	2.72646486	0.94130433	1.21315659	1.82617907	0.72869785	0.46517855
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13677302	0.17655013	0.11779102	1.00E-04	0.54053641
0.31510486	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61719842	1.00E-04	1.00E-04	0.16429007	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20571904	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.19185159	3.3858609	3.2059108	4.49260638	4.58552787	1.65569231	2.75178905
0.16819726	3.39847535	1.59370286	2.6176687	1.68946313	1.00E-04	1.00E-04
4.90236084	3.18382231	4.02317966	4.24618188	4.0762164	3.87989937	4.22885087
0.83548614	1.00E-04	0.5333881	1.05530305	1.00E-04	1.06582712	2.45784947
1.00E-04	1.00E-04	0.15112819	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43241112	1.00E-04	0.82646082	0.86710271	1.0827983	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88475688	1.00E-04	0.39291956	0.23162063	0.80586851	1.00E-04	1.00E-04
1.91161421	1.16726039	1.63793805	1.34551224	1.56929376	1.61627961	1.69316763
2.13070675	2.63494144	3.84468915	3.08716838	3.53603803	1.00E-04	1.21902836
0.06301971	1.00E-04	0.57923235	0.1863215	0.49235129	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.57511845	0.1318993	1.00E-04	1.00E-04	1.00E-04
2.087183	1.69252272	2.09293657	1.521065	1.76585235	2.5113209	1.00E-04
0.25224736	1.00E-04	1.00E-04	1.00E-04	0.15169238	1.00E-04	1.00E-04
1.05098029	1.00E-04	0.29221808	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.09126123	1.00E-04	0.07379098	0.32388143	1.15051975	1.00E-04	1.00E-04
0.40769986	1.00E-04	1.06285431	0.90335452	0.98191587	1.00E-04	1.00E-04
2.9420567	2.16256384	2.42340251	2.23965918	1.99113868	2.34017093	1.64925113
0.4931775	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.21662831	0.09802713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08971332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.57772749	0.7902481	1.56044299	1.56432389	0.97975359	2.20817865	1.90930445
3.06521241	2.51384421	1.80657399	1.43329748	1.69836462	2.98211847	3.5100899
1.00E-04	1.00E-04	0.45143701	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76957137	0.74506998	2.16091142	2.23252027	2.24135033	1.00E-04	1.00E-04
0.07341779	1.00E-04	0.17237925	0.30496325	0.20197068	1.00E-04	0.81996147
0.39457921	0.79637057	2.56236525	3.63149066	3.58148339	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.24514192	2.02219464	2.41407938	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.92661861	0.24447849	0.72691753	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.83380162	0.32270204	0.67330861	1.00E-04	1.00E-04
1.00E-04	0.69779233	1.07470148	0.41639274	0.15392957	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.508926	0.21728489	0.57904592	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06649866	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16572829	0.7902481	0.97499506	0.46323252	0.2014881	0.82693741	0.46517855
1.00E-04	1.00E-04	0.39346212	0.33242026	0.09802713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6550475	1.00E-04	0.4349358	0.21769185	0.57042267	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14735492	1.00E-04	0.34549164	0.54023617	0.32553396	1.00E-04	1.32208337
0.344714	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14735492	1.23797603	2.1668985	1.90612913	2.68046939	1.00E-04	1.00E-04
2.82440774	0.87456952	1.93399578	1.10145219	1.78956127	1.70828938	2.85280728
1.33522333	0.96847026	1.33850713	0.71317997	1.14072055	1.00E-04	1.00E-04
0.24276071	1.00E-04	0.12874313	0.13703601	0.31016145	1.00E-04	1.25131486
1.00E-04	1.00E-04	1.00E-04	0.0848519	0.29441591	1.00E-04	1.00E-04
2.32386022	1.00E-04	0.80741682	0.63839514	1.78796781	1.59102681	1.00E-04
1.09837157	1.00E-04	0.32329955	0.47458333	0.21887105	1.00E-04	1.00E-04
1.05091629	1.00E-04	1.00E-04	0.10712804	0.24194431	1.00E-04	0.96660453
0.64207012	1.00E-04	0.25996022	0.48991402	0.83540547	1.8638326	1.00E-04
2.63056975	3.41627132	4.51256575	3.97775887	3.98931955	2.19385769	3.41459755
1.00E-04	1.00E-04	0.88040889	0.28651238	0.14148046	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99848384	1.00E-04	0.27111828	0.33072906	0.60654148	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.81378201	1.00E-04	0.74193291	0.58546416	0.35176114	1.48634524	0.79717401
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.31422255	0.20988972	1.00E-04	1.00E-04
0.2675694	1.00E-04	0.39681878	1.00E-04	0.40726349	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04689514	2.79036851	3.19927719	2.49268077	2.92134838	1.00E-04	1.00E-04
1.31621284	1.00E-04	0.81921936	0.15821995	0.93026855	2.34832138	2.62030474
0.27183643	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14011998	0.19940629	0.15290548	1.77519525	2.96511184
0.37676908	1.00E-04	0.22345057	0.12615384	1.00E-04	0.88323491	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14107641	0.4398928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33411422	0.75855896	0.30026168	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24528414	0.19823074	0.16277654	1.00E-04	1.00E-04
1.00E-04	1.2795411	1.00E-04	0.10002134	0.16277654	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.47979631	0.28225624	0.60820601	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21216612	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72613208	1.00E-04	0.17149215	1.00E-04	1.00E-04	1.53591062	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.67430464	1.00E-04	1.00E-04	1.00E-04
0.32265105	1.00E-04	1.00E-04	0.21760272	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11567939	1.00E-04	1.00E-04	1.00E-04
0.23853443	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93702359	1.01208735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15169238	0.94908439	2.35775528
0.35314271	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39436419	1.00E-04	1.00E-04	1.00E-04	1.00E-04	3.35157375	2.97365192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04764841	1.00E-04	1.00E-04	0.26079356	0.3646214	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01942973	1.00E-04	0.14086284	1.00E-04	1.00E-04	3.6070026	3.44541803
1.8833666	1.14856053	2.50480088	2.86555139	2.42970777	0.95637875	1.00E-04
1.44278933	1.2795411	0.65699507	0.28390098	0.64946602	1.00E-04	1.00E-04
2.52140011	0.68407235	1.9266101	2.50770894	2.37886537	0.62567961	2.27258592
2.9670874	1.69378735	2.14675051	1.60895139	1.63805633	3.58903645	2.85584313
3.04941942	1.16726039	2.31198939	3.44127867	3.26984756	2.06496595	2.40379397

1.00E-04	1.00E-04	0.1752683	0.19525511	0.09759627	1.00E-04	1.0244242
0.1494006	1.00E-04	0.15112496	0.07008263	0.20197068	1.00E-04	0.56264051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14980627	1.00E-04	0.08815268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46028334	1.00E-04	2.6962077	3.56810554	4.08488872	1.00E-04	0.61083056
1.00E-04	1.00E-04	0.09768721	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.19749663	1.15588574	0.83706816	0.75960053	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27555476	0.0824918	1.00E-04	1.00E-04	1.00E-04
2.14132533	3.57210872	3.3578915	2.65664871	2.72949453	1.06582712	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30619315	1.00E-04	0.48932178	0.71864718	0.19056315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14574289	0.35309839	0.38510511	1.00E-04	1.00E-04
0.66529782	1.00E-04	1.19807189	1.00E-04	1.15958555	1.00E-04	1.00E-04
1.2402906	1.70495451	1.16301707	0.99630011	0.57643163	1.18042507	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23161384	0.15975889	0.29585635	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14368765	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16533628	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87544771	0.96847026	2.02224317	1.29996729	1.41643466	2.88322047	1.37041131
1.64261872	1.00E-04	1.53572588	0.92012524	1.59961165	1.76446866	2.03704868
0.47506005	0.8358776	1.20199218	0.41709144	0.80720894	1.00E-04	1.00E-04
1.92736035	0.69779233	1.75803936	1.41183871	2.08633344	1.95522359	2.15649902
0.59313331	1.00E-04	0.12677303	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13734826	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.21104464	0.09511513	1.6485068	1.00E-04
0.1430496	1.00E-04	0.24244949	0.75194703	0.83052456	1.00E-04	1.47360994
0.06759249	1.00E-04	0.18132235	0.12223151	0.30677156	1.00E-04	1.40624424
1.00E-04	1.00E-04	0.1373867	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18104244	1.28232395	1.79806184	1.06261171	0.93340504	1.00E-04	1.00E-04
0.32435366	1.00E-04	0.37278595	0.27698085	0.524187	1.8860048	2.70012927
0.06765176	1.00E-04	1.00E-04	0.4869932	0.10702905	1.00E-04	1.32568218
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87612072	1.55173318	2.05362881	1.75693817	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20798538	0.44620668	1.00E-04	1.00E-04
1.46426612	0.7902481	1.93720749	2.68734939	2.58387111	1.00E-04	0.86789477
0.87074412	1.14856053	1.46741593	0.77205619	1.04041111	1.4233015	1.77056436

0.83475781	1.00E-04	0.31634589	0.33371107	0.26457041	1.08793411	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.43965148	0.08624493	0.17989602	1.00E-04	1.00E-04
0.68065088	1.00E-04	1.00E-04	0.18231955	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07299269	0.20801609	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19270569	0.15630471	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22299572	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28123375	1.00E-04	1.31368876	0.97800849	1.8851972	1.00E-04	1.306581
1.86477439	1.54062948	1.31083825	1.18768516	1.76574073	2.54133531	1.39870423
0.86555068	1.00E-04	0.24047154	0.60040711	0.73948579	1.00E-04	1.00E-04
1.03397176	1.00E-04	0.56342077	0.48556599	0.85165189	1.00E-04	1.82984685
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.97389591	1.28787782	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.21115098	0.08815268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49124937	0.8339972	1.79701168	1.10893444	1.02213731	0.83083207	1.83285901
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92461065	1.00E-04	0.24088905	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.4250192	0.11130594	0.09814195	1.00E-04	1.00E-04
0.0746918	0.8358776	0.08510088	1.00E-04	0.15290548	1.00E-04	1.00E-04
1.00E-04	2.59003722	2.6892427	2.22313844	2.46938527	1.24135441	1.00E-04
1.00E-04	1.00E-04	0.19909778	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11017854	1.00E-04	1.00E-04	0.29913978	1.65271254	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.82484726	1.09905248	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.64382764	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60679032	1.00E-04	0.53541936	0.20166024	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72428678	0.71640521	0.89361921	1.24260688	2.32413898	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.33876006	1.00E-04	0.35144317	0.43766538	0.11746998	1.59977515	1.74934113
2.91843845	0.87456952	2.0144997	2.0322326	2.19613888	2.06057754	2.25150845
0.48195209	1.00E-04	0.0741193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0575112	0.15417332	1.00E-04	1.00E-04	1.00E-04
0.46567395	1.00E-04	0.42435069	0.16429007	0.48524354	1.00E-04	1.00E-04
2.91141715	1.00E-04	1.07676731	1.42011203	1.87014726	1.85913384	2.53309591

1.00E-04	1.00E-04	0.37526255	0.08490835	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17887871	0.29454997	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.5595514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24139521	1.97834235	1.77565769	1.70395607	1.65390444	1.00E-04	1.00E-04
0.39809003	1.00E-04	1.00E-04	0.15450124	1.00E-04	1.00E-04	1.153275
0.97109393	1.00E-04	0.14442053	1.00E-04	0.21894683	1.00E-04	1.00E-04
1.9228502	0.79637057	2.78818817	3.26348089	2.94249025	2.51930474	1.80112069
1.80384323	1.00E-04	0.51069493	0.25782209	1.11696303	1.00E-04	1.91498481
0.29969418	1.00E-04	0.58007252	0.08021281	0.6055884	1.19321377	1.00E-04
0.44086013	2.87105092	0.62384991	0.86752878	0.76570586	1.00E-04	1.00E-04
0.68834484	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58606764	0.79637057	0.60860418	0.95269672	1.14549352	1.00E-04	1.26691255
0.57768433	1.00E-04	0.49052854	0.69880926	0.22502208	1.44017277	1.70675288
0.94641261	1.00E-04	0.63050583	0.34572273	0.63069656	1.51042251	1.502599
1.00E-04	1.00E-04	1.00E-04	0.08509915	1.00E-04	1.00E-04	1.00E-04
0.59232085	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36555726	1.00E-04	0.18483345	1.00E-04	0.21404561	1.00E-04	1.00E-04
0.93276803	1.00E-04	0.32147836	0.27615182	0.15739259	1.00E-04	1.00E-04
0.25044987	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.7179807
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24880311	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8870415	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.00474268	1.00E-04	1.04544607	0.46983099	0.79265294	2.82640709	3.42187895
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11317886	1.00E-04	0.84090105	0.51826921	0.54074059	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66220231	1.20118902	1.6571222	1.93888434	1.8605755	0.86494787	1.01208735
0.5156206	0.8339972	0.78878906	0.19587879	0.93412079	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3069987	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18212274	0.84776702	1.00E-04	1.00E-04
0.63815311	1.63119318	0.79098075	1.03181199	0.53631346	1.00E-04	0.68552114
1.00E-04	1.00E-04	0.06880281	0.27642282	0.18745876	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15144185	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59628903	1.00E-04	0.15404675	0.14376298	0.18420248	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06013087	2.51384421	1.58674669	1.01938496	1.3635941	1.00E-04	0.97522957

3.4022902	1.00E-04	2.21663356	1.64021682	1.80719225	1.24926346	2.33222528
1.00E-04	1.80665895	2.82061549	2.319106	1.8884749	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09375359	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06504071	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.22452816	0.95227225	1.30542142	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10452963	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9642112	1.00E-04	0.81330338	0.81345573	2.00373188	0.89799762	1.00E-04
0.72762691	1.00E-04	0.32303402	1.00E-04	0.12748672	1.00E-04	1.00E-04
0.3546965	2.959412	2.4051894	1.92878705	2.46225123	1.00E-04	0.62168103
0.23374008	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78861652	1.00E-04	1.00E-04	0.32459227	0.47347378	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27601834	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60679032	1.22771662	3.15929425	3.98177651	4.02189219	1.00E-04	1.00E-04
1.00E-04	1.22609225	0.0996928	0.09353219	0.15507585	1.00E-04	1.00E-04
0.58127553	1.00E-04	0.95350054	0.87474316	0.98929355	1.00E-04	1.27747878
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35395774	1.00E-04	1.00E-04	0.09790117	0.23037507	1.00E-04	1.00E-04
1.64712454	1.00E-04	1.544899	1.12707336	1.26878672	1.5226128	1.41669976
0.21281723	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.33918456	2.89650001	2.72771081	2.63816019	2.8081581	3.01147994	2.83778934
1.10836018	0.96847026	0.68599896	0.25418408	0.42196177	1.86368618	2.8265867
0.37834313	1.00E-04	1.08837939	1.00E-04	0.17707887	1.40857904	0.48671447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23348126	0.20062666	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.65851287	0.26446193	2.03117498	1.00E-04	1.23636362
2.07188006	0.72877389	1.21616629	0.86275512	0.7882809	2.56540461	2.13615822
2.47497843	1.00E-04	0.71635578	0.32701649	0.27585867	1.12978361	1.50501804
1.00E-04	1.00E-04	0.25012519	1.00E-04	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.02211425	1.3268483	1.27467718	1.00E-04	1.00E-04
0.74125264	1.00E-04	1.04460781	0.7280764	1.62268291	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15485705	1.00E-04	0.15509212	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32209701	0.20537266	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05115654	1.00E-04	0.16837041	1.00E-04	1.00E-04	1.00E-04	0.56264051
0.33164956	1.00E-04	0.42772506	1.00E-04	0.24705339	1.00E-04	1.00E-04
0.87483973	1.00E-04	0.8322363	0.96671847	0.71314195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16358717	1.00E-04	1.00E-04
0.52532439	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08167072	1.00E-04	1.00E-04	1.00E-04	0.46517855
0.19207974	1.00E-04	0.70594962	0.45708277	0.40981	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08218983	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.82081987	1.58960804	3.28335666	2.4550655	2.16531011	1.83053537	2.80421655
1.55176784	1.00E-04	1.371018	0.44254367	0.77217623	1.31151447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74183043	1.94275094	3.00829372	2.89586948	3.55598627	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18334596	1.00E-04	1.00E-04	1.00E-04
3.39598494	4.30276341	3.58245855	4.33896834	4.20425513	2.90250183	2.96983238
1.99521621	1.00E-04	1.10894353	0.7051833	0.45616984	1.25841553	0.72495184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11779102	1.00E-04	1.00E-04
3.42664595	4.45140386	4.58421699	3.84725836	4.00327107	3.08647855	1.82029525
1.00E-04	1.00E-04	1.00E-04	0.33846854	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.3386578	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.153275
1.58548752	1.55550116	2.22326671	2.58516187	2.47129382	1.18075338	1.00E-04
1.00E-04	1.00E-04	0.13447001	0.15446657	1.00E-04	1.00E-04	1.00E-04
3.33326822	1.76715887	3.10667775	3.50604659	3.55560409	3.05115828	1.56386435
1.00E-04	1.00E-04	0.37983308	0.36388551	1.00E-04	1.00E-04	1.00E-04
1.78180952	0.71640521	0.86826644	0.40363365	1.21343673	1.11641065	1.00E-04
1.00E-04	1.00E-04	0.07299269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.309432	0.94054504	0.66930593	0.69836446	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0575112	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09019368	0.77557485	0.14461624	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.4882436	0.23544927	1.00E-04	1.00E-04	1.00E-04
0.09031792	1.00E-04	0.11837368	0.07577735	1.00E-04	1.00E-04	1.00E-04
1.90175428	0.72877389	0.34193297	0.45453336	0.46803672	1.00E-04	2.73612676
1.00E-04	1.00E-04	1.00E-04	0.17464592	1.00E-04	1.00E-04	1.00E-04
2.05027134	1.00E-04	0.72129586	0.43493742	0.19524902	1.99829237	1.01194579
2.27047395	2.17304217	0.73697549	0.07008263	0.26076886	0.72869785	1.00E-04
1.33883108	1.00E-04	0.45580402	0.25826065	1.00E-04	1.00E-04	1.99175417
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.81515436	0.71640521	2.32831384	1.96807275	2.15693918	2.24079772	3.26247093
1.00E-04	1.00E-04	0.2462013	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.28409956	1.00E-04	1.00E-04	1.00E-04
0.17029242	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28800298	0.24495873	0.24802188	1.00E-04	1.00E-04

1.21798822	1.00E-04	1.54474177	0.73825009	1.78742728	1.46094672	0.96655867
2.75558804	2.51553114	2.68726395	2.39415342	3.06015063	2.31202993	2.54967796
0.3264012	1.00E-04	1.32112925	1.35800763	0.85777546	1.00E-04	1.00E-04
0.39766919	1.00E-04	0.10484578	0.10897151	1.00E-04	0.46029024	1.00E-04
1.00E-04	1.00E-04	0.1529265	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75071854	1.50728894	2.16409547	1.6135692	2.00992953	2.37188408	0.68773152
0.29071629	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12693838	1.00E-04	0.64254085	0.10897151	0.49084934	1.00E-04	1.00E-04
1.00E-04	0.72877389	0.73758663	0.31138428	0.42721235	1.23823032	1.59565299
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.40857904	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.77895181	1.00E-04	0.76425055	1.5284678	1.31295358	2.21407431	2.3136421
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09523547	1.00E-04	1.00E-04
1.26471954	1.00E-04	0.61433291	0.62697057	0.38832077	0.46029024	2.61231974
1.78884044	1.21891	2.0491892	1.61720757	1.45014682	0.74564767	1.52827125
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07177662	1.00E-04	1.00E-04	0.09790117	1.00E-04	1.00E-04	1.00E-04
2.77837046	1.00E-04	0.75252402	0.62590879	2.01367432	4.63024369	4.67952495
0.65438564	1.00E-04	0.8928557	0.22702082	0.37200071	0.97412898	1.35340576
5.12472747	3.50182721	3.89859935	3.49611019	4.03903803	5.90688628	5.94616616
1.69757278	2.27801923	0.24778415	0.08974194	0.18255603	1.52947358	0.40038755
3.52093553	0.72877389	0.70171874	1.14165278	2.17472397	2.14274219	2.82424026
1.00E-04	1.00E-04	0.865061	0.60765722	0.41236111	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23374008	1.00E-04	0.14481115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45636953	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65567134	1.00E-04	0.15678201	0.09375359	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38878138	1.13651828	0.35078513	0.46340353	0.63678394	1.00E-04	1.00E-04
3.02178398	1.63981897	2.79975295	2.11960753	2.57989242	2.47639616	2.52476675
1.35456784	1.00E-04	1.49395039	0.54534613	0.65996194	1.00E-04	2.52834274
1.00E-04	2.78409146	0.09161201	1.13921441	1.88966754	1.00E-04	1.00E-04
1.32269646	1.11722896	2.12591937	1.75483321	1.56277587	1.00E-04	1.00E-04
0.55557336	1.00E-04	0.72845477	1.16287904	0.74328727	1.00E-04	0.72521592
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17241709	0.14152107	1.00E-04	1.00E-04
2.22201032	1.00E-04	0.98133774	0.80833003	0.51711823	1.00E-04	1.80797134
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22867629	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.18506104	1.12116345	0.17232922	1.00E-04	1.00E-04
0.25224736	1.00E-04	0.65446046	1.00E-04	0.96171226	1.00E-04	1.00E-04
4.27163961	2.44672882	4.00518792	4.7269996	4.1017401	3.89708444	4.15268378
0.77050419	1.00E-04	1.25985438	1.06443906	2.13516835	1.00E-04	1.00E-04
1.34165792	1.46860793	1.40493429	1.12050476	0.67002351	1.00E-04	1.69998633
1.00E-04	1.00E-04	0.75557775	0.48316551	0.09863458	0.81755274	1.00E-04
2.98624183	1.00E-04	1.46891988	1.43196878	2.33905919	0.71661629	0.316869
0.40281742	1.00E-04	0.25844119	0.21070804	1.31183447	1.00E-04	1.00E-04
0.12491829	1.00E-04	0.2817201	0.28970231	0.65459295	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.2795411	0.11605641	0.233241	1.57355083	1.00E-04	1.00E-04
2.71445175	1.00E-04	0.35015121	1.00E-04	0.12564974	2.16682125	2.27842375
0.74293194	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78390326	1.00E-04	0.37304104	0.82696499	0.54197654	1.23759753	1.00E-04
1.00E-04	1.00E-04	0.10928185	0.12277182	1.00E-04	1.00E-04	1.00E-04
2.88072735	1.59487839	2.62638245	3.59865842	3.89004452	2.64239178	2.7479664
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59231135	1.00E-04	0.75047912	0.23490808	0.78010025	1.00E-04	1.00E-04
0.30944616	1.00E-04	0.21363334	1.00E-04	0.27535375	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15882988	1.00E-04	1.00E-04
0.24276071	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61081753	0.79637057	1.00E-04	0.3093081	0.69867853	1.00E-04	0.48671447
0.55526434	1.00E-04	0.13012838	0.06796023	1.00E-04	1.00E-04	1.00E-04
0.48641797	1.23005604	0.66252359	0.58746267	0.67106822	1.00E-04	1.00E-04
0.48533702	1.00E-04	1.80834889	2.12633671	1.49531039	1.00E-04	1.00E-04
2.74656501	2.61202068	3.10146017	3.34743033	3.21732117	2.11811006	2.76897101
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35158825	1.00E-04	0.78700103	0.48604594	0.97527596	1.00E-04	1.29505143
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68580381	1.00E-04	0.63275144	0.49722054	0.50674144	1.80872306	1.55448339
3.52664825	2.83187187	3.53329024	2.91447872	3.27871734	3.17168058	3.12511493
0.78155597	1.00E-04	1.00E-04	0.14542715	1.00E-04	1.00E-04	1.00E-04
0.33571487	0.79637057	1.24950321	0.68029478	0.90858084	1.00E-04	1.00E-04
0.17050085	1.00E-04	0.17706812	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83980447	1.00E-04	1.00E-04	0.18479006	0.20495131	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.81794042	1.00E-04
1.00E-04	1.00E-04	0.09811645	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8358776	0.06423036	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2168031	1.00E-04	0.39906524	0.70774926	0.29458166	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09849679	0.07008263	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70732803	0.72877389	1.39023253	0.44713372	0.16277654	1.00E-04	0.48671447
0.22450226	0.8358776	1.29016907	0.47136724	0.68461518	1.00E-04	1.00E-04
2.04230404	1.09568947	2.52527725	2.52148417	1.54793265	1.00E-04	1.00E-04
2.41192115	0.69779233	1.62302371	0.50740631	1.43607884	1.00E-04	0.40038755
0.67635801	1.00E-04	0.10994644	0.17416158	1.00E-04	1.00E-04	1.00E-04
1.46084588	1.00E-04	1.18798983	0.80798719	0.08815268	1.42971683	0.81245127
1.62791646	1.9696775	2.72846633	2.40959967	1.77297438	1.32058423	2.55723688
0.98077903	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83430531
1.00E-04	1.00E-04	0.10372768	0.0825412	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09182604	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13098198	1.00E-04	1.00E-04
1.46073303	1.00E-04	1.76167822	0.73251054	1.39977219	1.86046394	1.10337756
1.27264946	0.8339972	0.30569649	1.00E-04	0.26481494	0.95102466	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4691717	1.00E-04	0.16744997	0.1010866	0.63495521	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74506998	0.08510088	1.00E-04	1.00E-04	0.89799762	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29041186	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09983193	1.00E-04	1.00E-04	0.08490835	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11372223	1.00E-04	1.36388051	0.59228816	0.84550637	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28382044	1.00E-04	2.13653525	1.22562221	1.4192419	1.00E-04	1.95703377
3.96264069	2.32158909	3.53744572	2.91775791	3.15233069	4.00649188	3.97454714
1.00E-04	1.00E-04	0.10399487	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5291932	1.00E-04	0.30128054	1.2817969	0.77412417	1.00E-04	1.00E-04
0.50965781	1.00E-04	0.15473857	0.0822006	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08383044	1.00E-04	0.13098198	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11195561	0.21760272	0.11946472	1.00E-04	1.00E-04
0.0903597	1.00E-04	1.00E-04	1.00E-04	0.38036494	1.00E-04	1.00E-04
0.25168151	1.00E-04	0.49150766	0.50913314	0.1253092	1.91761769	1.00E-04
0.80624774	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09880717	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14982667	1.00E-04	1.00E-04	1.00E-04
3.40034856	0.72877389	2.2869624	3.23390297	3.34261772	0.89799762	1.45831624
1.78558336	1.00E-04	1.09727081	1.01827113	1.29932493	1.26260391	0.35134699
3.95959917	1.00E-04	2.25038407	1.2020722	1.66736648	0.81755274	1.00E-04
1.29248064	1.00E-04	0.07348386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.3438177	0.97323616	0.95216578	0.97058651	1.00E-04
0.2594041	1.00E-04	0.31649916	1.00E-04	0.09759627	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1243805	0.34074293	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22134308	1.00E-04	1.00E-04	1.00E-04	0.41275046
1.762839	1.00E-04	0.65789475	0.52824368	0.61629799	1.00E-04	2.12542609
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35491339	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08695588	0.12204958	0.96378662	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.98151625	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.69218183	3.2300665	3.36515156	3.21963052	3.49288631	3.65758695	3.81658367
1.00E-04	1.00E-04	0.78175871	0.1141687	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49039532	1.00E-04	2.097504	3.62679709	3.17432002	1.00E-04	1.13008342
1.00E-04	1.00E-04	0.16087929	0.15248859	0.15507585	1.00E-04	1.00E-04
0.5416046	0.92068596	1.6747491	1.68413745	2.03942359	1.00E-04	1.32541318
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11897115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.38643342	1.43286487	0.86631641	1.00060373	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.99016254	0.74506998	1.97954754	1.59154055	1.2002737	1.00E-04	2.13702827
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10212818	1.4025042	0.09550581	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18877082	0.12204958	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21569367	0.16949462	0.14566556	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11998372	0.09731771	1.00E-04	1.00E-04	1.00E-04
2.79028785	1.00E-04	0.64145046	0.75708325	0.58134037	1.88016817	2.44933476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38544746	0.72877389	2.52295926	2.17262011	1.72775452	2.6241377	2.5827697
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.11566644	1.01405122	0.92015025	1.00E-04	1.00E-04
1.94521305	1.00E-04	1.38384573	0.98015714	1.22908859	1.43054211	1.00E-04
2.65021693	3.19242773	2.02221347	1.31260329	1.70776339	2.98611766	2.60616299
1.56512977	1.00E-04	0.62349783	0.25034942	1.11663163	3.09059808	1.00E-04

1.85900659	1.00E-04	0.79495735	2.43253817	1.67492437	0.97412898	0.82486735
1.00E-04	1.00E-04	1.00E-04	0.15137277	0.13098198	1.00E-04	1.00E-04
2.48754464	1.00E-04	1.76308609	1.70545032	1.91617313	2.53783126	3.40447321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25623606	1.00E-04	0.24776552	0.08021281	0.24537767	1.00E-04	1.00E-04
0.47074025	1.00E-04	0.09744499	0.18315065	1.00E-04	1.22667441	1.50675156
0.33840026	1.2795411	0.10484578	0.22968739	0.23009165	1.22667441	1.00E-04
2.31931523	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68203783	1.96125176
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64238112	1.00E-04	0.10137643	0.25227309	0.25013805	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32581809	1.00E-04	0.14147995	1.91173064	0.21685861	1.6485068	1.00E-04
1.56954178	0.8339972	1.46281566	0.55073112	0.39213446	1.00E-04	1.84152417
0.35063511	1.00E-04	0.6306873	1.01770426	0.5791909	1.00E-04	1.13658288
2.19814233	0.71640521	2.11102541	2.37320955	2.43584703	1.00E-04	0.97200357
0.06336707	1.00E-04	1.38819101	1.73551842	1.8503382	1.00E-04	1.00E-04
2.58195661	0.7902481	0.47257195	0.83864015	1.18000953	1.93486147	1.86959537
4.49175966	3.40394991	4.08693289	4.84334856	4.81755333	3.38656226	3.24637977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6073294	1.00E-04	0.19700177	1.00E-04	0.98940847	1.00E-04	1.00E-04
0.26484691	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.46552012	1.63266896	3.09636577	3.35650592	3.48600219	1.81873023	2.33785459
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63673703	1.00E-04	0.14749497	0.27417461	0.09759627	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09290426	1.00E-04	1.00E-04	0.89038937
0.67337835	1.00E-04	0.26433489	0.23273974	1.00E-04	1.00E-04	1.00E-04
0.46376582	1.00E-04	0.67230445	0.34501784	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.81584055	1.00E-04	0.24866176	1.00E-04	1.00E-04
1.00E-04	1.65163233	0.8360811	1.16385858	1.24508615	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54283799	1.00E-04	1.61747358	0.87041239	0.20931032	1.00E-04	1.00E-04
1.00E-04	0.74506998	0.24456896	0.18334596	1.00E-04	1.00E-04	1.00E-04
1.93267749	0.92068596	1.48940082	0.72296103	1.30206086	1.68931397	2.36356549
4.37087178	1.00E-04	2.91181729	4.10558759	3.79116959	2.43467199	2.80869286
0.44610933	1.00E-04	0.77723228	0.29410599	0.81054846	2.02526067	2.13762551
1.98085804	0.71640521	0.51169261	0.47842448	1.00696971	2.20650433	1.37841798
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79727199	1.00E-04	1.01847923	0.08431423	0.7817636	1.00E-04	1.00E-04
3.95224108	1.40211413	2.69813485	2.18368853	2.18195978	3.28122659	3.28757086
1.00E-04	1.00E-04	0.07379282	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38109596	1.00E-04	2.11767729	2.60220588	3.09726844	1.00E-04	1.00E-04

3.43429896	2.4582919	3.41054928	3.27728539	3.71563875	3.5765843	2.99666646
1.00E-04	1.00E-04	0.15404675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.60671184	0.8358776	2.13061297	1.3086409	2.22399288	2.82319318	2.16521145
2.86492003	1.00E-04	1.63318946	1.38902195	1.29047528	2.16976662	3.01686306
2.56782289	0.87612072	1.49784828	1.05243798	1.09753667	2.90092287	3.35826397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44927728	1.00E-04	0.55893792	1.00E-04	1.00E-04	1.58899856	1.54391513
2.07284281	0.92068596	1.28906759	0.64847413	0.97136085	1.82065578	1.00E-04
0.24139521	1.00E-04	1.00E-04	0.0825412	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18654126	1.00E-04	0.13820197	1.00E-04	1.00E-04
0.36555726	1.00E-04	0.0688269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.85628513	0.21539783	0.54676027	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66613412	1.2795411	1.18560835	0.34376672	0.30523625	1.63651492	1.53890571
1.662098	0.8339972	0.36967761	1.31581254	1.00E-04	1.21290128	0.46517855
0.04764841	1.00E-04	1.00E-04	1.00E-04	0.13957128	1.00E-04	1.00E-04
0.71321739	1.00E-04	0.69486171	0.52699299	0.30941588	1.00E-04	1.00E-04
0.48335474	1.00E-04	0.06649866	1.00E-04	0.60048406	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13992338	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12469637	1.00E-04	0.1216717	1.00E-04	1.00E-04
2.73592354	1.00E-04	1.00E-04	0.19445511	0.21894683	0.79958263	1.74140979
0.39055011	1.00E-04	0.60359714	1.16489901	1.35005712	1.00E-04	0.316869
1.00E-04	1.00E-04	1.00E-04	0.26881641	1.00E-04	1.00E-04	1.00E-04
0.180786	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88323491	1.00E-04
2.6820642	3.54507148	3.37623708	3.65078168	3.35840323	2.47456662	2.16405553
0.06718044	1.00E-04	0.35355078	0.48798573	0.53534445	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.39826881	0.1863215	0.83337272	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12615384	1.00E-04	1.00E-04	1.00E-04
0.19474114	2.58658126	3.2043609	2.82344329	2.66230633	1.00E-04	1.00E-04
0.35292799	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.49374518
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09976055	1.00E-04	0.08971332	1.00E-04	0.30001423	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09020196	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.71064373	0.25366052	0.54157878	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08961591	0.27547901	1.00E-04	2.09131958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77590904	1.00E-04	0.08621585	1.00E-04	1.78983085	0.81859263	1.16048721

1.00E-04	1.00E-04	1.00E-04	0.07375842	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.34036507	1.6908284	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25792962	1.00E-04	1.00E-04
0.49466807	1.00E-04	0.43107607	0.18745269	0.37521429	1.00E-04	1.00E-04
1.0203874	1.00E-04	0.2141212	1.00E-04	0.23067811	1.00E-04	0.61083056
1.18820142	1.00E-04	0.47378224	0.35411818	0.2450023	0.89799762	1.00E-04
0.17576665	0.68407235	1.40045772	2.0444137	0.98760375	1.00E-04	1.00E-04
2.35209793	0.96847026	1.38688863	0.47266795	2.30820749	2.66309569	2.25332831
1.72487991	1.00E-04	1.11744288	1.60250832	0.67850705	1.00E-04	1.7464746
2.12670419	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59263963	1.00E-04	0.07379098	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.52171681	1.00E-04	1.13464694	0.66149904	0.83172466	2.62094103	1.78133791
1.00E-04	1.00E-04	1.00E-04	0.10902669	0.19143586	1.00E-04	1.00E-04
0.22395133	0.69779233	1.00E-04	0.11130594	1.00E-04	1.00E-04	1.00E-04
1.2720117	1.00E-04	0.38844625	0.47494397	0.10294237	1.00E-04	0.48671447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38073599	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24606881	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30410966	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72777879	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72807973	1.00E-04	0.5264606	0.37019023	0.51698232	1.0281643	1.62039673
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28297701	1.00E-04	0.15086557	0.88768991	1.00E-04	1.00E-04	1.00E-04
1.52291427	1.00E-04	0.69651744	0.09261958	1.21012922	0.81859263	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.27635397	1.61321667	1.44877193	1.27826906	1.00E-04	1.00E-04
0.16533628	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66947303	1.00E-04	1.91464615	1.47567224	1.771732	1.33709243	0.35134699
0.76795361	2.15298005	2.60223995	1.99815273	2.17024654	1.00E-04	1.00E-04
2.74412874	1.28142983	1.5792399	2.26568483	2.03709218	1.73690345	1.47360994
2.55540693	3.10660231	1.09620366	1.76277155	1.20752002	1.66228062	2.18916384
1.9819883	1.00E-04	0.27777581	1.00E-04	1.00E-04	1.00E-04	2.47183361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1222159	1.19880434	1.57083225	1.67323336	2.11273202	2.51302994	2.74444957
0.66447108	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.22399854	2.23397096
0.38792913	1.00E-04	0.23631167	1.00E-04	0.09814195	1.49798653	0.89038937
1.00E-04	1.00E-04	0.53476032	1.50951045	0.3242314	1.00E-04	1.00E-04
1.00E-04	1.43926948	0.28754329	0.28350909	0.16358717	1.66728182	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07525628	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.59870172	1.69889405	3.35816522	3.0865862	3.11507871	2.732389	3.83176273
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1136802	0.7902481	1.18705876	0.84521239	0.7873766	1.00E-04	1.1752166
1.00E-04	1.00E-04	1.64980834	1.23668881	1.48185288	1.00E-04	1.00E-04
0.70627594	1.00E-04	0.11605641	0.08431423	0.31193586	1.80277209	1.26109454
1.00E-04	1.00E-04	0.11710343	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.73784525	3.10580281	2.55105966	2.16546159	2.23362459	3.47580478	3.5841271
0.18403988	1.00E-04	0.17799618	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73312399	1.00E-04	0.43088557	0.08974194	0.54320066	2.349653	1.00E-04
1.00E-04	1.00E-04	0.21268492	0.23725869	0.08916315	1.00E-04	1.00E-04
0.1343207	1.00E-04	0.10424131	0.32802726	0.31274504	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14749497	1.00E-04	0.19146895	1.00E-04	1.00E-04
1.00E-04	0.74506998	0.48753699	0.36480854	0.1476729	1.00E-04	1.00E-04
2.11002743	1.00E-04	1.83708962	1.48507819	1.23568392	1.42379151	1.51364572
3.10563465	1.72152124	2.0707547	1.6747663	2.10870458	3.78179515	3.01649571
0.79680452	1.00E-04	0.8397232	1.00982641	0.79491002	1.00E-04	1.00E-04
0.75882068	1.00E-04	1.01329189	0.50193412	0.52177425	0.78141142	1.00E-04
1.00E-04	1.00E-04	0.17865462	1.00E-04	0.14410425	1.00E-04	1.00E-04
0.94424614	1.00E-04	0.28860487	0.33843704	0.69209809	1.103099	0.7070202
0.44475857	1.00E-04	0.12677303	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.89799762	1.00E-04
0.20129929	1.00E-04	1.0958021	0.74928967	0.53142381	1.00E-04	0.41275046
2.08621159	2.17261026	2.38977664	2.67561369	2.45976353	2.18093664	2.63369134
0.25224736	1.00E-04	0.13232803	0.48064253	0.10894346	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00584256	1.00E-04	0.51892375	0.11606138	0.15290548	1.00E-04	1.00E-04
0.06759249	1.00E-04	0.10484578	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6008526	1.00E-04	0.12677303	0.59655449	1.26704685	0.97058651	1.69998633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78486606	1.00E-04	0.22209674	0.15975889	0.3749582	1.08377222	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20264549	0.34457132	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95681617	1.00E-04	1.00E-04	0.23269743	1.00E-04	1.33183829	1.13658288
0.51472926	0.79637057	2.27575037	1.83491079	1.81795741	1.00E-04	0.35134699
2.99819384	0.8358776	2.32278541	1.39275787	2.65278093	1.63023934	2.06821191
1.00E-04	3.23311046	3.2942585	4.22565755	3.91889463	1.00E-04	1.92289996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.8339972	0.70230842	0.79271257	0.95664217	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.51024322	0.74777596	0.53923331	1.00E-04	1.00E-04
1.56295042	1.00E-04	1.00E-04	0.2590185	0.45917677	1.43054211	1.95485758
1.00E-04	1.00E-04	0.1399591	0.08952278	1.00E-04	1.00E-04	1.00E-04
1.60258152	3.00416118	1.80506533	2.35236708	1.94119234	1.00E-04	1.47014066
0.90133015	1.00E-04	0.48360722	2.19083796	0.81658438	1.00E-04	1.00E-04
0.3176198	1.78263677	2.75139839	2.20460966	2.98410173	1.00E-04	1.00E-04
1.00E-04	0.7902481	1.23707244	1.40250807	1.34029553	1.00E-04	1.00E-04
0.44343934	1.58124053	0.89694721	0.54009209	0.36164323	1.75791089	1.00E-04
2.43859624	1.23689606	2.45095217	1.70502352	2.11422574	1.75791089	1.25647208
0.32070646	1.00E-04	0.19259979	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09983193	1.00E-04	0.53593075	0.17426879	0.32241623	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10444449	0.11614357	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10924105	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35178125	2.10797885	2.69774922	1.88234037	1.55104708	1.00E-04	1.89305239
0.13101534	0.72877389	1.65269135	0.72906613	0.8521423	1.00E-04	1.00E-04
0.77375938	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.89799762	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.074384	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.43860556	0.23302289	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1753803	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43339285	1.00E-04	1.52899523	1.26500302	2.02141101	0.97058651	1.00E-04
0.68279654	1.00E-04	0.61746895	0.51691132	0.09565186	1.00E-04	1.15573112
1.23571821	1.6816494	2.54529685	1.60207776	0.91367225	0.92751185	1.00E-04
1.00E-04	1.00E-04	0.3681503	1.03512145	0.51244701	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.00756664	1.00E-04	1.3237898	0.8892236	1.54150294	1.00E-04	1.00E-04
1.00E-04	1.3386578	2.03040501	1.0906322	1.39172436	1.00E-04	1.00E-04
1.97808191	1.25402837	2.21663039	1.72717259	1.54192897	1.00E-04	1.78465685
1.00E-04	1.00E-04	1.00E-04	0.08557886	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.13924927	1.55040551	3.28977347	4.87639388	4.30282998	3.04669078	3.07916711
2.28186013	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57633932	1.00E-04	0.53487782	0.66032636	1.95092711	1.51042251	1.00E-04
2.62861744	0.72877389	3.06730847	2.55706218	2.2096988	2.31750699	2.1898141
0.06301971	1.00E-04	1.15952002	0.34718847	0.59272624	0.97412898	1.50363461
1.00E-04	1.00E-04	0.43319617	0.28422787	0.10372144	1.00E-04	1.00E-04
1.99985279	1.80563681	2.26959506	2.70076772	2.3793996	2.17540001	2.73403455
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.36107868	0.7902481	2.04392014	1.55556224	2.13110192	1.00E-04	1.00E-04
2.46054755	1.00E-04	0.62439733	0.53399584	0.64097439	0.86319656	1.80708263
1.25510903	1.00E-04	0.57298076	0.8607223	1.40039472	1.00E-04	1.18453576
1.62520807	1.00E-04	0.09545996	1.00E-04	0.09704178	1.00E-04	1.00E-04
2.50321382	1.00E-04	1.25525789	0.46369581	1.2927244	3.33400522	3.15150766
1.63300785	1.00E-04	0.10424131	0.39057802	0.19107343	0.89773968	3.21703578
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23598805	1.00E-04	0.75814584	0.42678096	0.12748672	1.00E-04	1.00E-04
1.61078001	0.72877389	0.67045647	1.03626635	0.72186159	1.00E-04	1.62640533
1.02875382	0.92068596	2.19227338	1.20528045	1.26847879	1.00E-04	1.00E-04
1.38547164	1.00E-04	1.74908722	1.47057068	1.24307224	1.00E-04	0.49725191
1.00E-04	1.00E-04	1.77339245	1.65361726	1.09407681	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27378739	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88027699	1.00E-04	1.00E-04	0.36688095	0.28337608	1.00E-04	2.22540993
0.41810698	1.00E-04	0.60904878	0.11090815	1.00E-04	1.00E-04	1.00E-04
0.61867653	1.00E-04	0.25236151	0.19502242	0.28806383	1.00E-04	1.00E-04
0.84433477	1.1377045	1.11221078	0.22615552	0.13631278	1.00E-04	1.00E-04
0.54126533	1.00E-04	0.39278425	0.17949079	0.85752815	1.18371736	1.00E-04
2.19255667	2.39368753	2.77949226	2.50393219	2.7800233	2.19228543	1.79541188
1.09436485	1.00E-04	0.32383813	0.26003316	1.6016437	1.00E-04	1.00E-04
2.26109996	1.00E-04	1.19304601	0.95152752	1.32104116	0.97058651	2.42410005
2.55456382	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.94729828	0.64887302
1.00E-04	1.00E-04	0.43852876	1.14678671	1.78659736	1.00E-04	1.00E-04
1.91457702	1.68094028	3.25124841	4.09490818	4.0638959	2.00630011	1.11940789
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37490806	1.00E-04	1.00E-04	1.00E-04
0.29412275	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12204958	1.00E-04	1.00E-04	1.00E-04
1.53131994	1.00E-04	1.36121054	0.43318657	1.12422719	0.62567961	1.00E-04
1.00E-04	1.00E-04	0.68978044	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.80956355	1.00E-04	0.90138346	1.0593751	0.68367445	2.41439001	1.95105572
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10402423	0.18432532	0.14566556	1.00E-04	0.35134699
2.37021995	1.00E-04	1.42066333	0.87248317	1.15638471	2.93440246	1.70784611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09704178	1.00E-04	0.7070202
3.5325471	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.55518251	1.22180816
3.3223375	3.85113588	4.27456677	4.24560704	4.35593388	2.28431391	2.78930796
0.25224736	0.68407235	0.44517817	0.48804774	0.19143586	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28332243	0.18190805	0.30864318	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48404358	1.00E-04	0.91475129	0.45639786	0.70510813	1.00E-04	1.00E-04
1.63528886	1.00E-04	0.92512097	0.23641433	0.44133112	1.18042507	2.20326569

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0766569	1.00E-04	0.59938305	0.77257583	0.29168256	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.79958263	1.00E-04
2.12465607	1.00E-04	1.62082689	1.96204127	2.05298228	1.30729624	1.00E-04
1.00E-04	1.00E-04	0.28866048	0.09660285	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87612072	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10452963	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75229222	1.00E-04	1.82162368	1.39714832	2.32640672	1.00E-04	0.62168103
1.00E-04	1.00E-04	0.4083377	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	1.00E-04	0.31762488	1.00E-04	1.00E-04	1.00E-04
2.47107616	1.93015378	2.65491264	2.42265377	2.07590006	1.41917925	2.3697734
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03029837	1.00E-04	0.54663671	0.51640292	0.68029181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.47333949	1.00E-04	1.00E-04	1.00E-04	1.57114597
3.44524541	2.51384421	1.63859229	2.15157672	1.46840892	1.31443423	2.30574983
2.27430206	1.53661928	2.04590319	3.25286817	2.45191899	1.88033255	1.00078718
1.29738036	1.21769093	1.29117467	0.57732557	0.80494569	1.00E-04	0.72495184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.39686577
0.35087959	1.00E-04	0.94762095	0.53164312	1.00E-04	1.00E-04	1.00E-04
1.01729447	1.00E-04	0.27672447	0.30570786	0.35519659	0.83083207	1.00E-04
0.60489155	2.56839319	3.38936875	3.31610092	3.63194707	1.12755498	1.00E-04
1.31273696	1.00E-04	0.86017369	1.16039596	1.13227612	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65195798	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.58987868	2.03207864	1.90477586	2.31319608	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30842555	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0766569	1.00E-04	0.31103556	0.57038435	1.51686144	1.00E-04	1.00E-04
0.75171876	1.00E-04	0.64899509	0.21413969	0.19665138	0.82884172	1.14765092
0.71829217	1.00E-04	0.07268679	1.00E-04	1.00E-04	0.81859263	1.00E-04
1.00E-04	1.00E-04	0.23934959	0.09740575	1.00E-04	1.00E-04	1.00E-04
2.34246769	0.79637057	1.092741	0.71416192	0.9413729	1.39300098	2.10974996
1.45884646	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80780713	1.00E-04	1.13849373	0.2261775	0.47129848	1.18371736	0.81245127
1.37981078	1.00E-04	0.07379098	0.08321284	0.30255765	0.85260137	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13831052	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67262655	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12129306	1.00E-04	1.00E-04	1.00E-04

1.06731097	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33401111	1.00E-04	1.14189892	0.57992489	1.86203665	1.00E-04	1.00E-04
0.19474114	0.8339972	1.90217903	1.44777384	1.40948335	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07379282	0.14621476	0.20904676	1.00E-04	1.00E-04
0.72151625	1.00E-04	0.36958588	0.1373285	0.19056315	0.84473467	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.28142983	1.21970764	0.87420211	0.88383554	1.00E-04	1.00E-04
0.06765176	1.00E-04	0.07525628	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.38492713	5.18497367	3.4722854	3.96612867	4.1303814	4.66158065	3.65512621
10.9082815	12.9046727	11.8748626	11.9816704	11.8969867	12.0835999	11.8817167
1.00E-04	1.00E-04	0.198661	0.15630471	0.11344173	1.00E-04	1.00E-04
0.06765176	1.00E-04	0.20964692	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15455675	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14982667	1.00E-04	1.00E-04	1.00E-04
1.36571878	0.87456952	1.57367232	2.51974627	2.54689505	1.00E-04	1.00E-04
0.19082602	1.00E-04	1.00E-04	0.27719252	1.00E-04	1.00E-04	1.00E-04
1.97755279	1.1971089	4.91617693	5.19829299	5.24424222	1.00E-04	1.94154785
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40038755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.68245659	3.88389612	5.09082919	4.9063459	4.77171528	3.40842277	4.64968931
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.33031288	1.00E-04	1.8674194	1.35373939	2.20192682	2.20585722	2.83472984
2.16294866	1.00E-04	1.98360014	1.21705494	1.40251777	1.16464358	0.316869
1.9801322	0.96847026	1.58308401	0.94265245	1.61195689	1.2005763	1.31133459
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14590176	0.08852014	1.00E-04	1.00E-04	1.00E-04
2.1662533	1.28620973	1.93026643	2.0914726	1.49330067	1.66673477	2.02272338
0.35292799	1.00E-04	0.34434549	0.12279371	0.08815268	1.00E-04	1.00E-04
0.81515142	1.43321062	1.99518791	1.31669531	1.24231412	1.94320456	1.00E-04
1.03651014	1.00E-04	0.09703757	1.00E-04	1.00E-04	0.83083207	1.00E-04
1.00E-04	1.00E-04	0.17581752	0.1409084	0.20281155	0.74564767	1.00E-04
2.00070178	0.79637057	1.63329581	2.29380397	2.37789236	2.1441375	1.59486888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.411333	3.57169595	4.76376315	4.69345167	3.89993563	3.8436424	3.89712377
1.00E-04	1.00E-04	0.35050285	1.00E-04	0.12233227	1.00E-04	0.93074312
0.4931775	1.00E-04	0.14225777	0.27095507	1.00E-04	1.00E-04	1.00E-04
0.79843307	1.00E-04	0.36889777	0.29081299	0.58778354	2.36548945	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49237882	1.00E-04	0.28895166	0.32386389	0.14455498	1.00E-04	1.00E-04
0.93878725	1.00E-04	0.57625665	0.22880789	0.23095453	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.14590176	0.1285221	1.00E-04	1.00E-04	1.00E-04
1.42936832	1.00E-04	0.70424873	1.05080936	0.55240726	1.15464519	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92403106	1.2269695	1.15722976	2.20224362	1.70086641	1.30734648	1.92129695
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17962204	2.99437989	2.14145429	1.65965688	2.33722571	2.35567053	0.48671447
1.00E-04	1.00E-04	0.35785286	1.00E-04	0.13098198	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09356612	0.0824918	0.09814195	0.74564767	1.00E-04
5.37258815	3.32203296	3.93472774	5.16303067	4.96706403	2.46492593	3.32355297
1.93387803	2.38276091	2.96844328	2.36739161	2.30553161	1.64434868	2.74861565
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68782369	1.00E-04	0.36309115	0.12129306	0.14152107	1.00E-04	1.4352796
1.00E-04	1.00E-04	1.00E-04	0.08952278	1.00E-04	1.00E-04	1.00E-04
0.62753674	1.00E-04	0.16213494	0.60739502	0.29164866	1.00E-04	1.00E-04
2.69396755	2.4779174	3.37586932	2.71471771	2.52212415	1.8425277	2.15106873
1.00E-04	1.00E-04	0.77371095	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08490835	0.57329058	1.00E-04	1.00E-04
0.99934224	1.00E-04	0.16824993	0.6313813	0.15565817	0.81755274	1.00E-04
0.9689087	3.07828387	1.18862145	0.81925366	0.71937956	1.00E-04	1.00E-04
0.83918834	1.00E-04	2.86072423	1.73066514	1.13767503	1.00E-04	2.32078318
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.06582712	1.00E-04
2.25806123	1.71745399	2.52681778	3.08343645	3.14861079	2.90135947	3.10227901
1.00E-04	1.00E-04	2.53052078	2.48355762	2.84017689	1.00E-04	1.00E-04
0.5416046	1.00E-04	1.00E-04	1.00E-04	0.15653713	1.00E-04	1.00E-04
1.00E-04	0.8339972	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61577401	0.69779233	2.38094063	1.92184168	1.56994115	1.2925039	2.54709936
0.14735492	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53287279	1.00E-04	1.00E-04	0.22344851	0.17989602	1.00E-04	1.4352796
4.6262853	3.52098789	4.57905191	5.26788776	5.13400524	2.77054127	3.60478555
1.00E-04	1.00E-04	0.26209736	0.25912572	0.13025542	1.36337521	0.35134699
1.6266034	1.00E-04	0.90597028	0.43832404	0.56518278	1.00E-04	1.00E-04
0.07341779	1.00E-04	0.21554255	0.40670206	0.40671643	1.00E-04	1.00E-04
1.406548	1.00E-04	0.19006992	0.25334738	1.00E-04	1.22399854	1.00E-04
1.3093867	1.00E-04	0.0691919	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41810776	1.00E-04	0.61273518	1.00E-04	0.38036494	1.91012882	2.42927475
1.00E-04	1.00E-04	0.11897115	1.00E-04	0.10452963	1.00E-04	1.00E-04
0.2553221	1.54457969	2.33524876	3.16503203	2.1493183	1.11481773	1.14061365
3.90688917	2.27801923	2.27583756	3.56752896	3.23594588	2.3421001	2.52207152
1.00E-04	1.9535395	2.57970633	2.78009455	2.50090315	1.00E-04	1.00E-04
1.4912627	1.00E-04	1.17907173	1.93731508	1.05540153	0.74564767	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8763307	0.87612072	0.95085229	0.39708494	0.42456463	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37373897	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10564632	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.24741017	1.06812768	1.0853894	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.48943855	0.55281462	0.56145068	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31827588	0.16218167	0.14152107	1.00E-04	1.00E-04
0.32746203	1.00E-04	0.74703906	0.58689881	0.58804473	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09377747	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.6509982	0.21786571	0.38205581	1.00E-04	1.00E-04
0.2675694	1.00E-04	1.00E-04	1.00E-04	0.14148046	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1216717	1.00E-04	1.00E-04
0.47879124	1.00E-04	0.20550853	1.00E-04	0.21251484	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8473561	1.00E-04	0.0691919	0.52566988	1.47935606	1.40300135	1.84850712
2.20487606	1.2795411	1.22898243	0.31185682	1.00E-04	1.00E-04	1.00E-04
1.11678066	1.00E-04	0.17390745	1.00E-04	1.00E-04	1.60051027	1.33164339
1.00E-04	0.74506998	1.23284227	0.41652541	0.7648146	1.00E-04	1.00E-04
0.16967021	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.63825757	1.00E-04
1.00482764	1.00E-04	0.36593656	0.11701955	0.57938515	0.68203783	1.00E-04
0.23591151	1.00E-04	0.57677798	0.67461624	0.16277654	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0741193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0746918	1.00E-04	0.11678318	0.25027185	1.06290246	1.00E-04	1.00E-04
0.89040518	1.00E-04	0.11195561	0.56571801	0.1685492	1.00E-04	2.17977437
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15392957	1.00E-04	1.00E-04
1.93801079	0.72877389	2.25307938	1.71129664	3.05448477	1.00E-04	1.75910437
0.17422468	1.00E-04	0.76950601	1.2095685	0.43834067	1.00E-04	0.97863975
1.00E-04	1.00E-04	0.30822051	0.28911231	0.36120971	1.00E-04	1.00E-04
1.00E-04	0.79637057	1.44265923	1.0752214	0.50711117	1.00E-04	1.00E-04
0.59799139	1.00E-04	0.08292731	0.10969326	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0766569	0.71640521	0.88910167	1.13132798	1.00370712	1.00E-04	1.00E-04
0.65543045	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94750695	1.00E-04	1.14155902	0.94674194	0.98292962	1.58971493	1.00E-04
1.00E-04	1.00E-04	0.18914924	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49009943	2.27801923	0.8068949	0.59593252	1.38191646	0.88297287	1.34810503
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09533646	0.78127186	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.34060398	0.40307045	0.14566556	1.00E-04	1.00E-04
2.13451158	4.09439397	5.42178268	5.58436421	5.52678343	2.50971643	1.92274623
0.3676449	0.92068596	1.076784	1.39108419	0.92806706	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13737782	0.17707887	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09031792	1.00E-04	1.00E-04	1.00E-04	0.11946472	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.18453576
2.34196183	1.74626682	1.62690926	0.82585771	1.1424198	2.36165365	1.64017325
1.00E-04	1.00E-04	0.0741193	0.13719716	1.00E-04	1.00E-04	1.00E-04
0.73005773	1.00E-04	0.23410824	1.00E-04	1.00E-04	0.79838122	0.72495184
1.00E-04	1.00E-04	0.22479935	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68407235	0.40429149	0.2745291	0.09814195	1.00E-04	1.00E-04
1.00E-04	2.11822643	1.22433752	1.3720034	1.10812957	1.00E-04	1.00E-04
0.32348982	1.00E-04	0.16174936	0.09296692	0.22929158	1.00E-04	1.00E-04
0.16533628	1.00E-04	0.10661325	0.21963561	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13823142	1.00E-04	1.00E-04	1.0281643	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91983291	1.00E-04	0.76189136	0.10561401	1.00E-04	1.00E-04	1.00E-04
0.38047934	1.00E-04	0.20472755	1.40809128	0.45501348	1.00E-04	1.00E-04
1.00E-04	0.8339972	0.24234857	0.21672542	0.09759627	1.00E-04	1.00E-04
0.2196067	1.00E-04	1.00E-04	1.00E-04	1.57631465	1.00E-04	1.00E-04
1.98924838	0.7902481	2.20130275	2.82958086	2.60579643	0.46029024	1.00E-04
0.29969418	1.00E-04	0.34596412	0.16411766	0.12945	1.00E-04	1.00E-04
1.4639505	0.72877389	1.11583091	0.94747392	1.79721216	0.46029024	2.35549846
1.00E-04	1.00E-04	0.74558123	0.5576729	0.39574315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.59882394	0.74094019	0.65187971	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18403988	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46057765	1.00E-04	0.25787747	0.19892378	0.27734393	1.00E-04	1.00E-04
0.28297701	1.00E-04	0.0779111	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74506998	1.66753954	0.96604414	0.82655276	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25664909	1.00E-04	0.42675216	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16301349	0.14461624	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86841696	3.53448339	1.1250401	1.08841295	0.45934129	1.25061534	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24922568	1.18371736	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.22134308	0.28346741	0.27575672	1.00E-04	1.00E-04
0.30680304	1.00E-04	0.78361159	0.61871266	0.33909998	1.00E-04	1.00E-04
0.47380152	1.00E-04	0.27269309	1.00E-04	0.25117958	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76463321	1.00E-04	0.54301016	0.63986096	0.70510813	1.63476286	1.00E-04
1.00E-04	1.00E-04	1.19419343	0.08509915	0.22188087	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.49036085	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37417756	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10418972	0.11701955	0.3983341	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2462013	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73610453	1.00E-04	1.41982486	1.00E-04	1.71230997	1.00E-04	1.00E-04
0.74767259	1.00E-04	1.00E-04	0.28010274	1.00E-04	1.00E-04	1.18273852
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6786494	0.68407235	0.19088769	0.99709407	0.6594307	1.00662024	1.42678238
0.09983193	1.00E-04	0.67754043	1.21061918	1.00E-04	1.00E-04	2.08813159
0.27611176	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62567961	1.00E-04
1.15681521	1.00E-04	0.48997299	0.36303133	0.37287827	1.00E-04	1.00E-04
1.00E-04	0.87456952	0.14442053	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16938651	1.00E-04	0.49875318	1.23503573	0.5812586	1.00E-04	1.00E-04
2.35015344	1.00E-04	1.5216575	1.38038801	1.14564986	2.41529999	1.69998633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53952735	1.00E-04	1.46678072	1.3729161	1.41536446	1.15464519	1.92045011
2.01145735	1.00E-04	1.77514445	2.09336912	1.70066418	0.89799762	1.30899632
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48078712	1.00E-04	0.54417474	0.49111497	0.76572062	1.5325984	1.00E-04
1.00E-04	0.87612072	0.77789474	0.24480938	0.88157914	1.00E-04	1.00E-04
0.74335782	1.00E-04	0.48753509	0.2958205	0.4269835	1.00E-04	0.7070202
0.43487305	1.00E-04	1.00E-04	0.13315922	0.10423273	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08021281	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33791478	0.15667119	0.26568199	1.00E-04	2.41044161
3.69120045	2.1569945	2.81075918	2.73549731	2.57170189	3.2450816	3.72934627
0.64527296	0.74506998	1.85125322	0.88921602	0.73846922	1.00E-04	0.48671447
0.7040931	2.72646486	0.39316322	0.15446657	0.34536941	3.04433065	1.74533369
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.22697765
0.95816856	1.00E-04	0.86540092	1.00E-04	0.89229111	1.40062498	1.94981536
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.98895444	0.3718339	0.52933428	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40162256	1.00E-04	0.08765397	1.00E-04	0.19681031	0.72869785	1.65738613
0.33875954	1.00E-04	0.14030838	0.13214734	1.00E-04	1.00E-04	1.00E-04
0.19336288	1.00E-04	1.14823404	0.8001213	0.86327952	1.00E-04	1.00E-04
0.32909352	1.00E-04	0.0910208	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.48202121	1.00E-04	0.14566556	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37954103	0.16753828	0.16358717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	1.00E-04	0.08710603	1.00E-04	1.00E-04	1.00E-04
0.32529041	1.00E-04	0.10424131	0.12143419	0.08916315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30620427	0.39773505	0.36167808	1.69021659	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65193611	0.96847026	0.69707944	0.64443919	1.40422906	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19930718	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21208482	1.00E-04	1.00E-04	1.00E-04	1.32157107
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.62408237	0.35255345	0.43086416	1.00E-04	1.22245167
0.56707763	1.00E-04	0.46372	0.13214734	0.46288496	1.00E-04	1.00E-04
0.16437031	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7902481	2.33041166	1.98495407	1.0572551	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09186897	0.09261958	1.00E-04	1.00E-04	0.93074312
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0688269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.24508587	0.64705042	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.5744255	1.00E-04	1.06771327	1.21034199	2.42374163	1.00E-04	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13628143	0.19200539	1.00E-04	1.00E-04	1.00E-04
0.14890879	1.00E-04	0.99958569	0.85863567	1.33790345	1.00E-04	1.00E-04
1.22174456	1.00E-04	1.15585063	0.25965317	0.75304927	2.05272726	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17023833	0.31954525	0.34145657	1.10522239	1.00E-04
0.08716682	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06586442	1.00E-04	0.11946472	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06252263	2.12086742	3.04674343	3.09100118	2.61292799	1.00E-04	1.09055109
1.00E-04	1.00E-04	0.07159432	1.00E-04	1.00E-04	1.00E-04	2.12270309
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27893381	0.1141687	0.42578739	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16989477	0.15845674	0.19056315	1.00E-04	1.00E-04

1.00E-04	0.74506998	0.19587842	0.12277182	0.26601526	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.14779355	0.31002436	0.26827963	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91690285	1.00E-04	0.06880281	0.18315065	1.00E-04	1.00E-04	1.00E-04
0.344714	1.00E-04	0.21114858	0.171335	0.15290548	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13025542	1.00E-04	1.00E-04
0.43632774	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51683104	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11090815	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09811645	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06649866	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76235381	1.00E-04	0.16021471	1.00E-04	1.00E-04	1.00E-04	0.96655867
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37414271	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36806273	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6549329	1.00E-04	0.22079299	0.49340271	1.00E-04	1.00E-04	0.98620672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40410012	1.00E-04	0.7767141	0.29868265	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07670308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17643459	1.00E-04	0.73754098	1.13634362	0.31084	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00533738	0.67747066	0.49287193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7588197	1.00E-04	0.38709178	1.4748906	0.28831257	0.68203783	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14925018	1.00E-04	1.12538889	0.67302287	2.06792036	1.1735329	1.5591425
1.00E-04	1.00E-04	1.23693186	1.55849306	1.99374889	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65376309	1.00E-04	1.17976977	0.64977816	0.8971173	1.28787782	1.00E-04
0.85937586	1.00E-04	0.51409553	0.4806254	0.59071751	1.32413304	1.00E-04
0.41909064	1.00E-04	0.33745959	0.58868428	0.36128789	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82951359	1.00E-04	1.00E-04	1.02410239	0.20596213	1.00E-04	1.00E-04
0.24139521	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76419114	0.74506998	0.87040823	1.45428849	0.39953855	1.56256829	1.00E-04
0.57138056	1.00E-04	0.78782115	0.85004223	0.45263286	1.00E-04	1.39562928
0.57138056	1.00E-04	0.54533147	0.60219859	0.20441837	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90271064	1.00E-04	0.50147402	0.33301926	0.2627462	1.20369829	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09731771	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04764841	1.00E-04	0.16341974	0.24772854	0.66188482	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09393249	1.00E-04	1.00E-04	1.00E-04
0.2173238	1.00E-04	0.49818712	0.17135023	1.00E-04	1.00E-04	0.82029012
1.50690202	1.00E-04	1.63386662	0.95227906	0.72507572	0.77057821	1.43199084
1.00E-04	1.43393804	1.3384095	0.68783527	1.23055818	1.43054211	0.40038755
0.43982573	1.00E-04	0.72556403	0.11701955	0.35218156	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40178387	0.83212321	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43660616	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.1939355	0.90575541	1.48519541	1.00E-04	1.00E-04
0.64959882	1.00E-04	0.25386065	0.67689144	0.13718086	0.94543129	1.00E-04
1.00E-04	0.96847026	0.69262575	0.41392179	0.69316287	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2528596	1.00E-04	0.07670308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05365565	0.8339972	0.45773849	0.4090943	0.45084673	0.84473467	1.00E-04
0.62902151	1.00E-04	0.39798726	0.19553446	0.76935264	1.72896054	1.00E-04
0.42609047	1.00E-04	0.14749497	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27089532	1.25509001	1.01418971	0.3003847	0.69520048	1.55205822	1.00E-04
0.72818443	1.00E-04	0.4086319	0.20821438	0.28938904	0.81859263	2.05070897
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.29458856	0.76641746	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28975545	1.00E-04	0.09020196	0.82698783	0.543108	1.00E-04	1.00E-04
0.56995662	1.00E-04	0.93511527	1.03280493	0.99559141	0.9513318	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13631278	1.00E-04	1.00E-04
1.07106228	1.00E-04	0.55813417	0.47121973	1.00E-04	1.00E-04	1.51443555
1.00E-04	1.00E-04	1.31971538	1.03925387	1.20084885	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14494207	0.0814007	1.00E-04	1.00E-04	1.00E-04
0.39766919	1.00E-04	0.46842138	0.20636745	0.15290548	1.00E-04	1.04581732
1.00E-04	1.00E-04	0.18683995	0.09142772	0.19662519	1.75707711	1.00E-04
1.00E-04	1.00E-04	0.09402275	1.00E-04	0.23957233	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.69807433	1.00E-04	0.44940648	0.45689219	0.6750301	1.00E-04	2.35399022
2.27329595	0.7902481	1.40007513	1.36136803	0.60958382	2.91497579	2.93198531
1.00E-04	1.00E-04	0.16013027	0.16411766	0.46961267	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.43037649	1.00E-04	0.1253092	1.00E-04	1.00E-04
1.01034862	1.00E-04	1.00E-04	0.24147174	1.00E-04	1.00E-04	1.00E-04
3.42749276	2.90939173	3.76618216	3.40606407	3.14543725	3.51907608	3.37382605
1.00E-04	1.00E-04	0.06504071	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7902481	0.8553076	0.77590316	0.9131345	1.00E-04	1.00E-04
1.31640844	1.00E-04	1.78148847	1.54320533	1.6809803	0.93702359	1.00E-04
2.27570847	0.7902481	0.75433677	0.3248647	0.32966743	2.2513447	2.14695255
1.00E-04	0.96847026	1.79551343	2.36997023	1.3108561	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17041343	1.00E-04	0.36925482	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.7097315	0.44577309	0.127027	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31301911	0.54394793	0.61774535	1.00E-04	1.00E-04
0.60772897	1.00E-04	0.27566817	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0691919	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16358717	1.00E-04	1.00E-04
0.17124941	1.00E-04	0.69091783	0.16411766	0.41935089	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.48713608	0.07577735	0.08815268	1.00E-04	1.01194579
0.77442686	1.00E-04	0.10473028	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45498107	1.00E-04	0.10473028	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14060784	0.09296692	1.00E-04	1.00E-04	0.40038755
1.00E-04	1.00E-04	0.07268679	1.21041182	0.12233227	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.46846041	0.32467489	0.14455498	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52016549	1.00E-04	1.13066671	0.99202904	0.72060476	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12748072	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.29131625	1.00E-04	0.97052545	0.65136666	0.6353867	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1253092	1.00E-04	1.00E-04
0.28575302	1.00E-04	1.00E-04	0.07008263	1.14187957	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33972081	1.00E-04	0.32492135	1.00E-04	1.00E-04
0.93098427	1.00E-04	1.08341149	0.59043276	1.59075229	1.00E-04	1.00E-04
0.13394589	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38763432	1.00E-04	1.20294849	0.81300081	1.31049819	1.87523631	2.3213016
1.00E-04	1.00E-04	1.00E-04	0.09375359	1.00E-04	1.00E-04	1.00E-04
0.71465458	1.00E-04	0.51176043	0.48583513	1.23062288	1.00E-04	1.00E-04
0.79556182	1.00E-04	0.0691919	0.23674027	1.81690817	1.18371736	0.62168103
1.00E-04	1.00E-04	0.06586442	0.09185911	1.00E-04	1.00E-04	1.00E-04
1.28490253	1.00E-04	0.6011875	0.610745	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.23967886	1.79180408	2.52193539	3.26685016	2.91363723	2.04766835	1.96569099
0.04764841	1.00E-04	0.08093755	0.7409469	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17436617	1.00E-04	1.34310897	1.00E-04	1.00E-04
0.62930853	0.71640521	0.31187072	0.3517485	0.68543219	1.00E-04	1.00E-04
0.71269418	0.72877389	0.92177124	0.90117141	1.5976135	1.00E-04	0.56264051
0.1136802	1.00E-04	0.37570302	0.73906493	0.61309846	1.00E-04	1.00E-04
1.57034815	1.00E-04	0.96547474	0.86909168	0.55608211	1.99760701	1.21902836
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.64710094	1.5783785	3.10814553	2.55903811	2.62519639	2.58685618	1.95403521
1.00E-04	1.00E-04	0.06554964	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.63351798	0.33005631	0.19681031	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.69231332	0.17241709	0.09814195	1.00E-04	1.18035161
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09759627	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.43925856	0.21028898	0.45377711	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0779111	0.07375842	0.11639204	1.00E-04	1.26691255
1.00E-04	1.00E-04	0.18041617	0.12795857	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77031451	1.12553	2.95571269	2.49287714	2.69574132	1.00E-04	1.00E-04
1.34857769	1.00E-04	0.89114023	0.74584042	0.60167717	1.79652993	2.1896099
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17301519	1.00E-04	1.00E-04
0.32810415	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02850439	1.10823044	1.79950457	1.62247661	1.5206998	2.67853995	3.04406482
1.52597389	0.69779233	0.52414811	0.10969326	0.12792029	1.00E-04	1.94100749
1.00E-04	1.00E-04	0.33835338	0.08974194	0.31746493	1.00E-04	1.00E-04
0.21280737	0.87612072	1.48159709	0.88531321	0.24497603	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10181419	1.00E-04	1.00E-04	1.43054211	1.48223447
0.59375149	1.00E-04	0.1907021	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1020411	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37250342	0.21247077	0.24705059	1.00E-04	1.00E-04
2.11578644	1.2795411	0.22451397	1.00E-04	0.12792029	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23814741	0.13737782	0.90320576	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32305348	0.22529346	1.00E-04	1.00E-04	1.00E-04
1.4573847	1.00E-04	1.20587306	0.2537639	0.38349564	0.81859263	1.26135756
0.74275406	0.79637057	1.12182504	1.06689458	0.9324329	0.79838122	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26237512	0.50318035	0.14478141	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77155636	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.98844508
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07341779	1.00E-04	0.12424411	0.26740927	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22133973	0.34340715	1.43392752	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08974194	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.82233313	0.40635842	0.43684391	0.74564767	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27393156	1.00E-04	0.37028871	0.37910335	0.62840809	1.00E-04	0.7179807
2.27747814	0.74506998	2.05485356	1.45379491	0.70035736	2.12184226	1.18453576
2.092041	1.00E-04	0.63286285	1.18678989	1.04286106	1.45254222	1.55006731
0.35819933	1.00E-04	0.20899316	0.13318497	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1752683	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.55132453	0.95505663	1.18868561	1.8967967	1.00E-04	1.00E-04
0.45411854	1.00E-04	0.20795807	1.00E-04	1.00E-04	1.00E-04	1.50675156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.61636306	0.17168561	0.736329	1.00E-04	1.00E-04
3.70714751	2.1252187	3.19520595	3.53184787	3.31531747	4.20960785	4.11590218
0.39457921	1.00E-04	1.00E-04	0.09375359	0.57591152	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81996147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.273409	1.28445335	0.7107749	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17672222	0.10902669	1.00E-04	1.00E-04	1.5374145
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.63175543	0.15733378	0.36887754	1.00E-04	1.00E-04
0.4706633	1.00E-04	0.25414947	0.21979778	0.93958333	0.79838122	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14478141	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.83086577	2.30913579	2.73006399	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08383044	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.27755829	0.71640521	0.10137643	0.12795857	0.26325173	1.00E-04	1.27747878
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12233227	1.00E-04	1.00E-04
0.70780543	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.43838478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16226281	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66357296	1.00E-04	0.87010429	0.22637835	0.62392305	0.79838122	1.31520537
1.00E-04	1.00E-04	0.1921321	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22097542	1.00E-04	1.00E-04	0.28385437	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66989699	1.00E-04	1.1532535	1.17389846	0.8236659	1.00E-04	0.48671447
0.87962167	1.00E-04	0.18828292	0.34516548	0.50197893	1.00E-04	0.9583037
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25013805	1.00E-04	1.00E-04
0.2528596	1.08649412	0.69266988	0.33199942	0.14163853	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12466471	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22946042	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1768151	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20798538	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11219505	1.00E-04	1.00E-04	0.52887145	0.24439255	1.00E-04	1.70487963
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15845674	0.08916315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44547915	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23467918	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.52566988	1.00E-04	1.66181256	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09550581	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65163651	1.00E-04	0.21923784	0.08223591	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12439434	1.00E-04	0.16215927	0.64811226	0.10372144	0.74564767	1.14061365
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11195561	0.11567939	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12696973	1.00E-04	1.00E-04	1.48634524	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18334596	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25623606	1.5288862	2.00776345	1.6083545	1.7517067	1.00E-04	1.00E-04
0.10286354	0.7902481	0.44959072	0.37049726	1.00E-04	0.95102466	1.00E-04
1.00E-04	1.00E-04	0.19237632	0.12223151	0.26540271	1.00E-04	1.00E-04
0.3995358	1.00E-04	0.28205942	0.09353219	0.38633095	1.00E-04	1.00E-04
1.21087158	1.00E-04	0.20212645	0.41174609	0.1685492	0.79958263	1.00E-04
2.12567418	1.00E-04	0.60771369	0.59740866	0.74520964	1.00E-04	1.97757638
1.00E-04	1.00E-04	0.50220308	0.18334596	0.39723001	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.51253492	0.90137096	1.07669722	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15392221	1.00E-04	0.21872107	1.00E-04	1.00E-04	1.51042251	1.00E-04
0.22720527	1.00E-04	0.24719497	0.16087396	0.20495131	0.97058651	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92068596	0.78029066	0.20509746	0.59043725	1.00E-04	1.89181047
1.00E-04	1.00E-04	0.12977775	1.00E-04	0.22562086	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.53639121	0.14009469	0.23467918	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7902481	0.07655967	0.22569474	0.3256912	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08326693	0.08223591	0.09550581	1.00E-04	1.00E-04
0.45326172	1.00E-04	1.00E-04	1.00E-04	0.08916315	1.00E-04	1.00E-04
0.0766569	1.00E-04	1.00E-04	0.09749395	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1685492	1.00E-04	1.00E-04
0.65397757	0.87612072	1.70371181	0.788275	1.25974781	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.38674919	0.33582641	1.00E-04	1.00E-04
0.50339061	1.00E-04	0.76673764	0.26505042	0.35402297	1.00E-04	1.00E-04
1.31887639	1.00E-04	0.7707953	0.31154961	0.79547862	1.00E-04	1.06680503
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33613103	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73277081	3.2437014	3.9708136	3.27621331	3.50587546	4.0234874	2.54278602
1.00E-04	1.00E-04	0.09322287	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28979052	1.82854103	2.09029814	1.52035433	1.37868973	2.17699589	1.38661999
1.00E-04	1.00E-04	0.06504071	0.17164278	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12748072	1.00E-04	0.1253092	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3152604	1.00E-04	0.94748654	1.25816723	1.18129426	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53106703	1.00E-04	0.27601834	1.00E-04	0.20376324	1.00E-04	0.83430531
0.30516107	1.00E-04	0.9556538	0.33733371	0.60466125	1.00E-04	1.00E-04
1.65005965	1.00E-04	0.39670096	1.00E-04	0.22498053	1.38927927	1.8184246
1.95775392	0.72877389	1.03196997	0.86203986	0.61152078	2.01498408	2.01792621
1.00E-04	1.00E-04	0.23197225	0.36806698	1.00E-04	1.00E-04	1.01864576
0.78965859	1.00E-04	0.77457393	0.49798241	0.29853629	1.66292044	0.40038755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61829392	1.00E-04	0.34260388	0.51334236	0.60528794	1.00E-04	1.00E-04
1.00E-04	0.74506998	1.35844948	0.75692048	0.75644214	1.00E-04	1.00E-04
1.4687673	1.44595569	1.24492248	0.70357062	0.81850357	1.88950595	1.70912656
2.05009999	1.00E-04	0.75272732	0.35951683	0.31103912	1.00E-04	0.48671447
0.33066623	1.00E-04	0.09356612	0.10426514	1.00E-04	1.00E-04	1.00E-04
1.18038633	1.00E-04	0.17052158	0.53910396	1.25073045	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29702428	0.15219862	0.12233227	1.00E-04	1.00E-04
2.5240775	1.00E-04	0.96986326	0.68418854	0.38629789	1.64024728	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61632784	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.12466471	0.09261958	0.25394033	1.00E-04	1.00E-04
1.3639256	1.17452218	1.21314789	0.53448715	1.48577839	0.92751185	1.69998633
1.00E-04	1.00E-04	0.0688269	0.27186227	0.27603119	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.77337038	0.62731172	0.35701587	1.00E-04	1.00E-04
1.34014973	1.00E-04	0.23660541	0.22853314	0.38963161	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08952278	0.17638133	1.00E-04	1.00E-04
0.19863166	1.00E-04	0.36180162	0.08021281	0.27241724	1.00E-04	1.00E-04
1.17795351	1.00E-04	0.93813219	0.70966577	0.74216002	1.70031051	1.00E-04
0.52328074	1.00E-04	0.4611738	0.40475352	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13098198	1.00E-04	1.00E-04
1.14527549	1.00E-04	0.24814159	1.00E-04	0.12564974	1.00E-04	1.00E-04
1.07379893	1.00E-04	1.00E-04	0.11090815	1.00E-04	1.00E-04	1.00E-04
1.67545816	1.00E-04	0.63166182	0.85957593	0.33021843	1.00E-04	1.08080329
0.22832916	0.7902481	0.15887438	0.074384	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16999556	1.00E-04	0.09811645	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35510843	1.00E-04	0.88297421	0.43721445	1.00E-04	1.00E-04	1.00E-04
0.74380585	0.87612072	0.2923956	0.39760199	0.11779102	1.00E-04	1.50675156
1.17297255	0.8358776	0.26062596	0.15219862	0.52357448	2.39388147	2.13750599
1.00E-04	1.00E-04	0.13136223	1.00E-04	0.10423273	1.00E-04	1.00E-04
1.6206325	1.00E-04	0.81011465	0.61327327	1.21474938	1.00E-04	1.00E-04
0.31580939	1.00E-04	0.21822657	0.11606138	0.27534356	1.00E-04	0.41275046
1.00E-04	1.00E-04	0.10416762	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.93540491	1.33575751	1.19549713	2.02737368	1.00E-04	1.00E-04
0.53271266	1.00E-04	0.26679569	0.49747898	0.23038703	1.00E-04	1.00E-04
0.06765176	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83083207	1.00E-04
0.36352782	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94207703	1.00E-04	0.24950374	0.10924105	0.23302289	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29843439	1.00E-04	0.09811645	1.00E-04	0.37429444	1.00E-04	1.00E-04
0.2555232	1.00E-04	0.7923047	0.29536312	1.00E-04	1.00E-04	0.46517855
0.15764479	1.00E-04	0.79252683	0.57895338	0.62491239	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1854807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0903597	1.00E-04	1.00E-04	0.09749395	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.3386578	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06898499	0.79637057	0.65938029	0.82460207	0.93417266	0.74564767	1.32208337
2.39600333	1.00E-04	1.80392594	1.54185991	1.82530695	2.9423192	1.47360994
1.32637312	1.00E-04	0.85461448	0.0825412	0.27358585	2.17821275	2.93389662
0.06336707	1.00E-04	0.09020196	0.22443931	0.15509212	1.00E-04	1.00E-04
0.90113963	1.00E-04	0.67031178	0.14694776	0.21251484	1.64001363	1.41051396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.27016134	0.14410425	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96495873	1.00E-04	0.46545223	1.54925882	0.23888311	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21234027	0.21480765	0.10423273	1.31151447	1.00E-04
0.92140636	1.00E-04	0.27601834	0.10843982	0.09550581	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08746931	0.26361036	0.15169238	1.00E-04	1.13658288
1.2811677	2.27801923	0.49484282	0.11606138	1.96332563	0.89799762	2.5110935
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.53013854	0.77512658	1.27323938	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08218983	1.00E-04	0.12125625	1.00E-04	1.00E-04
2.26085317	1.00E-04	1.62597704	2.19305381	2.09950852	2.39046965	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09838717	1.00E-04	0.06880281	1.00E-04	0.10452963	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34957842	1.00E-04	0.24922568	1.00E-04	1.00E-04
0.67110436	2.09928218	2.68239067	2.2521812	2.22510688	1.81045831	1.92381158
0.28358338	1.00E-04	0.94071902	0.09731771	0.30502424	0.72869785	1.10337756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10260419	1.00E-04	1.00E-04	1.00E-04	0.10294237	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33474822	0.18785051	0.17232922	1.00E-04	1.00E-04
0.42093778	1.00E-04	1.00E-04	1.00E-04	0.21251484	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.42363697	0.17415771	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12677303	1.00E-04	0.19681031	1.28564692	1.56356252
0.88957506	1.00E-04	1.39162484	0.48418805	0.47422697	0.83873894	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63268197	1.00E-04	0.46827521	0.23436726	0.16978193	1.00E-04	0.7551454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96477564	1.00E-04	0.16549647	1.00E-04	0.10423273	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27233668	1.00E-04	1.00E-04	1.00E-04	0.18255603	1.00E-04	1.00E-04
0.52120562	1.00E-04	0.09533646	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10484578	1.00E-04	0.12945	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06844824	0.13088155	0.17232922	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59485421	2.41430289	3.1900602	2.42570198	2.43529942	0.82884172	1.00E-04
0.82556816	1.00E-04	0.6800137	1.00E-04	0.40131017	1.00E-04	1.00E-04
0.06718044	1.00E-04	0.43947458	0.10843982	0.53492984	1.00E-04	0.49725191
0.59350412	3.63757236	4.14629815	3.34711115	3.52199484	1.00E-04	1.00E-04
4.32182699	1.00E-04	0.93689935	0.79687485	1.40488655	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.50737626	0.09353219	0.12792029	1.00E-04	1.00E-04
3.46266593	1.80893398	2.81365299	2.44307266	2.47274028	2.4116121	3.26662171
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.99930846	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96759869	1.00E-04	1.00E-04	0.08710603	1.00E-04	1.00E-04	1.00E-04
0.75425213	1.00E-04	1.07742903	0.88549263	1.23246033	3.2223903	1.30055728
0.8767572	0.74506998	0.15360315	1.72911461	1.00E-04	1.00E-04	1.00E-04
0.46354193	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.258347	0.8339972	0.44427851	0.79251581	0.68972685	1.00E-04	1.00E-04
1.17230869	1.00E-04	0.26363194	0.53012906	0.32315702	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2821722	1.00E-04	1.00E-04
1.97403179	1.00E-04	1.09357802	1.05749068	0.82689012	1.51042251	0.83430531
0.93628169	1.00E-04	1.26809608	1.93287979	0.92332542	1.00E-04	0.41275046
0.06765176	0.71640521	0.58548149	0.73353512	0.15653713	1.00E-04	1.00E-04
0.8298692	0.87612072	0.65950822	0.89709837	0.63004976	0.84473467	1.00E-04
1.00E-04	1.00E-04	0.10697315	0.59645356	0.91280116	1.00E-04	1.00E-04
1.42447228	1.00E-04	1.30101231	1.00531435	0.32319381	1.00E-04	1.17057685
0.75148307	3.3814969	3.26661341	3.667443	3.60108988	0.74564767	1.00E-04
1.00E-04	0.8339972	1.69998119	0.66701942	0.33708543	1.00E-04	1.00E-04
0.18403988	0.8339972	0.25042971	1.00E-04	0.29508263	1.00E-04	1.00E-04
0.49566524	1.00E-04	1.00E-04	0.39532485	0.20376324	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63757407	1.00E-04	0.734753	0.60271478	0.39916237	1.00E-04	1.00E-04
1.01514264	1.00E-04	0.22615204	0.074384	1.00E-04	1.00E-04	1.00E-04
0.33206433	1.00E-04	0.21195698	0.1141687	1.00E-04	0.97412898	0.7551454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65863591	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37375021	0.47730395	0.11711669	1.00E-04	1.29212516
1.49005145	1.00E-04	1.42092119	0.93603717	1.593161	1.23000712	1.39021388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67623911	3.00049115	2.67502921	1.70540101	1.56648876	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57093015	0.68407235	1.04772114	0.80591531	1.23396745	1.88541527	0.41275046
1.75081573	0.96847026	1.43588199	1.71086206	1.46046792	1.00E-04	0.48671447
0.92302761	1.00E-04	0.61339831	1.00E-04	0.6585047	1.00E-04	0.86789477
1.00E-04	1.00E-04	0.4659649	1.00E-04	0.14410425	1.00E-04	1.00E-04
0.99464633	1.00E-04	0.80565064	0.73150439	0.39184266	1.50901505	2.05402076
0.12636275	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19204914	1.00E-04	0.24975519	0.08490835	0.28155387	1.00E-04	1.00E-04
0.37845028	1.00E-04	0.08510088	0.65812837	0.62304002	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.36779823	0.39996614	1.41100739	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15882988	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72746006	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30802259	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72521592
1.00E-04	1.00E-04	1.00E-04	0.08952278	1.00E-04	1.00E-04	1.00E-04
0.44086013	1.00E-04	1.65623579	1.00E-04	1.00E-04	1.28787782	1.00E-04
0.56942428	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11641406	0.10897151	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0759014	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07268679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23516546	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.13990338	0.87612072	0.62726907	2.13709595	1.42893754	1.30530732	0.72521592
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17048518	0.25229065	0.16358717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20129929	1.00E-04	1.00E-04	0.074384	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16999556	1.7160913	1.10659603	1.16803087	1.36790005	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.79509116	0.21460868	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.60115628	1.00E-04	1.00E-04	1.00E-04
1.69149487	1.00E-04	0.51164971	0.36890256	0.61855807	0.86319656	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41758285	1.00E-04	1.00E-04	0.06796023	1.00E-04	1.00E-04	1.00E-04
0.44091277	1.00E-04	0.09910618	0.24621093	0.25312099	1.00E-04	1.00E-04
0.258347	1.00E-04	0.11605641	1.00E-04	0.12125625	1.00E-04	1.00E-04
0.17385489	1.00E-04	1.00E-04	0.13318497	0.12945	1.00E-04	1.00E-04
1.86051725	1.00E-04	1.48154747	1.56655825	1.41599394	2.1394358	1.80840448

0.77971333	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13046994	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10635547	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80576512	1.00E-04	1.37367824	1.00E-04	1.00E-04	1.46021335	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05903671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44429453	1.00E-04	0.20308917	1.57021589	0.29730653	0.74564767	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53452586	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12615384	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51875395	1.00E-04	1.00E-04	0.37022724	0.12748672	1.00E-04	1.00E-04
0.8083438	1.00E-04	1.00E-04	1.00E-04	0.21887105	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06880281	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11438496	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20652611	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08746931	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91947684	1.00E-04	0.21398048	0.22963888	0.54305846	1.00E-04	1.06680503
1.00E-04	1.00E-04	0.63402089	0.32814152	0.65090773	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14265486	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17568328	0.06816182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12963848	1.00E-04	0.06844824	0.22296821	0.12945	1.7885998	0.86789477
0.06718044	1.00E-04	1.00E-04	0.29953636	1.00E-04	1.48634524	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18941696	0.17638133	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13394589	1.00E-04	0.1243805	0.09731771	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41713245	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2192514	0.10561401	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.58124053	0.97165443	0.97049759	0.75551761	1.00E-04	1.00E-04
0.1343207	0.69779233	0.68759781	0.13973645	0.11711669	1.00E-04	1.32208337
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25418753	0.13046994	1.58339518	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09019368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.10749413	0.27000766	0.57526616	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.73537231	1.19597	1.60126579	1.00E-04	1.00E-04
0.23127729	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18403988	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28731605	0.31935365	0.41329281	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82557995	1.00E-04	1.00E-04	0.17677755	1.00E-04	1.00E-04	1.00E-04
0.24139521	1.00E-04	0.17237925	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54407602	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99141029	1.00E-04	0.38463851	1.00E-04	0.21404561	1.00E-04	1.00E-04
0.06301971	1.00E-04	1.00E-04	1.00E-04	0.10423273	1.00E-04	1.00E-04
2.12307711	0.71640521	1.35576815	1.61554024	0.84722433	1.6578453	1.44721338
1.00E-04	1.00E-04	0.51103605	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49924404	1.00E-04	1.00E-04	1.00E-04	0.29012567	1.00E-04	1.00E-04
3.59347717	1.00E-04	0.08280154	0.27997945	0.11711669	2.02390295	2.93716824
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.00E-04	1.7900698
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07468373	1.2795411	1.46818324	0.51840642	0.28426903	1.63720613	0.316869

5.05862731	1.00E-04	0.99505455	1.63189074	1.71057874	3.81487967	4.02882779
0.44780129	1.00E-04	0.1627261	0.29723653	0.47148912	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55371898	1.00E-04	0.87705737	1.55224777	1.49279864	1.00E-04	1.00E-04
0.4937522	1.00E-04	0.57942387	1.1360818	1.17481291	1.00E-04	1.39093355
0.75525867	1.00E-04	0.28532413	0.28183695	1.20242161	1.59070304	1.84147127
0.88496405	1.00E-04	0.58651454	1.20655695	1.95717664	1.31151447	0.46517855
0.30780921	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1025689	0.10712804	1.00E-04	1.00E-04	1.4352796
1.24614261	1.14583798	1.01705861	0.35288219	0.81080982	0.94543129	1.00E-04
2.22616641	1.63245595	1.32621564	1.07070262	1.4251108	2.10528342	1.81804504
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1709956	1.00E-04	0.10137643	1.00E-04	0.48044533	2.4589658	0.62168103
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43208291	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.23872779	0.19681031	1.00E-04	1.00E-04
1.23800529	0.74506998	1.40953191	1.22292491	1.68176917	0.89799762	2.25032571
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16535001	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.63443171	1.00E-04	1.38114598	1.06731949	1.48450615	1.72934746	2.97537606
1.00E-04	1.2795411	0.1476725	1.00E-04	0.17707887	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.60598305	0.30581782	0.28220538	1.00E-04	1.00E-04
1.39128352	0.71640521	1.28550462	0.95060319	0.46381853	0.86319656	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87456952	0.39805731	0.61747927	1.79251873	1.00E-04	1.00E-04
0.34948596	0.74506998	0.16349818	1.7351226	1.00E-04	1.00E-04	1.00E-04
0.62216216	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16533628	1.00E-04	1.00E-04	0.1318993	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60627296	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42274026	2.67379289	2.95604506	2.36877071	2.42385591	1.31443423	2.01573877
1.2784382	1.00E-04	0.42193062	0.39516227	0.34701852	1.00E-04	0.7179807
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14847918	0.87456952	1.84076014	1.21385305	1.91417836	1.00E-04	1.00E-04
0.59132311	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11261179	1.20118902	1.68742525	1.71458843	1.63862624	1.72270883	0.83430531
0.12491829	1.00E-04	1.00E-04	0.17164278	1.00E-04	1.00E-04	1.00E-04
2.48538856	2.15199177	2.02761014	2.20855695	1.9624707	2.60772304	2.9728052
0.31853793	0.8358776	0.09533646	0.13973645	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65065982	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09020196	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09236722	1.2101235	1.71080131	1.93109651	2.06351758	1.00E-04	2.73356742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35133741	2.18862038	2.9120044	2.24950517	2.4000559	0.46029024	2.66266781
0.18529938	1.00E-04	0.14368765	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22125276	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.36514787
1.43087541	1.00E-04	1.48637635	0.73129375	0.94231807	1.00E-04	1.35381146
1.00E-04	1.00E-04	0.75397337	0.31990164	0.24066095	1.00E-04	1.00E-04
1.7529126	0.71640521	1.50799601	1.54507157	1.53530551	1.33183829	1.00E-04
2.56256216	1.00E-04	0.57250067	0.46574816	0.55057782	1.8471868	2.74761811
1.52964936	1.00E-04	0.60127531	1.13654819	0.84888071	1.00E-04	0.94970493
2.32516672	0.87456952	1.98868315	1.80197637	2.19587559	0.97412898	0.86398953
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16371972	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58044849	1.00E-04	0.58918334	1.00E-04	1.00E-04	1.00E-04	1.18273852
0.76517702	1.00E-04	0.08621585	0.16411766	1.00E-04	1.00E-04	1.63829766
1.34321254	1.00E-04	1.82266632	1.85489188	1.77069392	3.26989056	2.72743364
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09768721	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31403949	1.00E-04	0.6134873	1.61180155	0.84889155	1.00E-04	1.92901164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.82466078
1.00E-04	1.00E-04	1.00E-04	0.10843982	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.41957343	0.09375359	0.14152107	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.94825812	0.3316232	0.23312156	2.02215332	2.04958486
1.00E-04	1.00E-04	0.13909974	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42472923	0.92068596	0.21212628	1.13273394	1.00E-04	0.83083207	1.00E-04
1.00E-04	1.00E-04	0.31177652	1.00E-04	0.11639204	1.00E-04	1.00E-04
0.47423006	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47423006	1.00E-04	0.620196	0.41176784	0.24446335	1.00E-04	1.5595514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72362435	1.00E-04	1.13546794	1.90404775	1.37743006	1.00E-04	2.14094848
0.43804949	1.00E-04	0.2238274	0.0822006	1.00E-04	1.00E-04	1.00E-04
0.55003931	1.00E-04	0.11250702	0.19729847	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15655318	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20281155	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20120749	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.72214036	1.00E-04	0.78721858	0.65572216	0.96131798	3.2625355	3.87675319
0.72036016	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.12677303	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.58239568	0.45957059	1.00E-04	1.00E-04
2.07068285	1.309432	0.86696671	0.65621916	0.61050258	2.38735193	2.18445492
0.21433745	1.00E-04	0.54291618	0.46562394	0.67492325	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11701955	1.00E-04	1.00E-04	1.00E-04
1.69776314	1.00E-04	0.75936602	0.70540024	0.81796515	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09495869	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.79637057	1.10280921	0.83029257	0.67508218	1.00E-04	1.00E-04
1.00E-04	0.69779233	1.5874309	0.79337554	1.23303422	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.62199239	0.44075868	0.52856814	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22450226	1.00E-04	0.62652256	0.1010866	0.79310685	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.60621155	0.45093749	0.50368409	0.74564767	1.00E-04
0.22134819	1.00E-04	0.71211274	1.37752475	2.7587766	1.00E-04	1.00E-04
0.60507572	1.00E-04	1.00E-04	0.19856483	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11641406	0.41480629	0.08815268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35292799	1.00E-04	0.89886033	1.00E-04	0.77124446	1.00E-04	1.00E-04
1.13961885	1.39420177	1.49115879	1.19791066	2.3217295	0.9513318	1.30087797
0.09031792	1.00E-04	1.00E-04	1.00E-04	0.12564974	1.00E-04	1.00E-04
0.39734163	1.00E-04	2.01417895	0.13225393	0.41326261	2.27540182	2.94594645
0.4697418	1.00E-04	2.13366085	1.95186522	1.52973109	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08695588	0.23428066	0.4489082	1.00E-04	1.00E-04
2.77734877	1.00E-04	1.48857947	1.19215855	1.28972365	1.00E-04	2.51433933
0.98374692	1.00E-04	1.46886587	0.72534232	0.54561156	2.00790094	1.00E-04
0.39178253	1.00E-04	0.17818339	1.00E-04	0.24260649	0.83873894	1.00E-04
1.00E-04	1.00E-04	0.41895887	0.29480037	0.13025542	1.79902605	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.47441259	0.3273417	0.47340124	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13707339	0.23500932	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10402423	0.45556961	0.15509212	1.00E-04	1.00E-04
1.49441824	1.00E-04	0.53589188	0.2709985	0.45347804	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12225379	1.00E-04	0.66341807	1.37877931	0.58384964	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06765176	1.00E-04	0.14987018	1.00E-04	0.3973058	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17781297	0.08710603	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.25846336	0.10702905	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14574289	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73449721	1.00E-04	0.44018166	0.87246997	1.19210912	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17029242	1.00E-04	0.33556932	0.40887652	0.86448181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08557886	0.2869591	1.00E-04	1.00E-04
0.50098805	1.00E-04	0.61578862	1.00E-04	0.19089153	1.40222987	1.43838478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30780921	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82693741	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.27615182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27362293	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62198336	1.00E-04	0.10661325	0.08223591	0.18101271	0.95102466	1.00E-04
0.63815311	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37340503	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08621585	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14749497	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16767845	0.32638318	1.00E-04	1.00E-04	1.01864576
0.56580693	0.71640521	0.27290318	0.15975889	1.00E-04	1.61927983	2.14927029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48637291	1.00E-04	0.58510551	1.63370581	0.09511513	1.16801779	1.52060693
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.06369815	1.00E-04	1.40132931	1.00363237	1.57600811	2.02125159	2.4387753
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20798538	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0825412	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12491829	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.82320437
1.00E-04	1.00E-04	1.00E-04	0.07008263	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.64001363	1.00E-04
0.46921786	1.00E-04	1.35358463	1.14852252	0.83882557	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52773117	0.69779233	0.48718495	1.00E-04	0.19089153	1.00E-04	1.00E-04
0.72015079	1.00E-04	0.07819003	0.20451465	0.24351278	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77541088	1.00E-04	1.13922592	0.45745088	0.84117379	1.00E-04	2.24448368
0.51908574	1.00E-04	1.00E-04	1.00E-04	0.21404561	1.00E-04	0.98620672
1.30074358	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30554475	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.99414982	1.00E-04	2.23944654	3.33013812	1.37022987	0.83873894	0.68552114
3.15663751	1.00E-04	2.04061665	1.7818692	1.9676003	2.80292165	1.53709514
1.00E-04	1.00E-04	0.71201727	0.12271058	0.47941969	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34852092	1.00E-04	0.09176315	0.28050096	1.69764551	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07819003	0.27633363	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09533646	1.00E-04	0.31639927	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32972827	1.00E-04	0.39112211	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24969414	0.49352853	0.41060978	1.00E-04	1.00E-04
0.2238402	0.68407235	0.43400835	0.10924105	0.24194431	1.00E-04	1.00E-04
0.25770745	1.00E-04	0.09618263	0.19328216	0.84039655	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43492018	1.00E-04	0.75453838	0.66592703	0.5903013	1.00E-04	1.09055109
1.00E-04	0.71640521	0.51740567	0.64751116	0.15290548	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.55620928	0.3073147	1.193957	0.46029024	1.67028313
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21433745	1.00E-04	0.23143	0.11095817	0.28201101	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.25216583	0.3174938	0.15507585	1.00E-04	1.00E-04
2.76191815	1.54457969	4.25273274	3.26262283	3.15047243	3.18440435	4.69278442
1.42792545	1.00E-04	0.92344846	0.27707535	0.83841778	1.00E-04	2.37737172
0.63528392	1.9564487	1.72913962	1.20470907	0.83006757	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1676709	1.05886264	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71602234	0.8339972	0.61938127	0.47769957	0.19146895	1.00E-04	1.660509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97213653	1.00E-04	0.82658274	1.00E-04	1.00E-04	0.68203783	1.00E-04
0.06301971	1.00E-04	0.20833122	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96847026	1.22343035	0.42888031	1.53028406	1.00E-04	1.00E-04
1.35035243	1.00E-04	0.12677303	0.39491814	0.21251484	1.23897179	1.00E-04
0.53442427	1.00E-04	1.00E-04	0.15248859	1.00E-04	0.9559646	1.00E-04
0.46886125	1.00E-04	0.63046962	0.78311905	1.03552116	1.00E-04	1.32157107
1.00E-04	1.00E-04	0.20866771	0.08490835	0.11639204	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7902481	0.52469625	0.47758249	1.46346097	1.00E-04	1.00E-04
0.36806273	1.00E-04	1.01430393	0.20686654	0.81621731	1.00E-04	1.00E-04
1.00E-04	2.45782552	2.40053545	1.82087434	2.17130302	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29634294	0.11614357	1.00E-04	1.00E-04	0.92052278
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16533628	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17124941	1.00E-04	0.09880717	0.10969326	0.14410425	1.00E-04	1.23636362
1.00E-04	0.68407235	0.40533548	1.00E-04	0.36248502	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.30955875	1.00E-04	1.00E-04	1.00E-04
0.45880387	1.00E-04	1.00E-04	0.29704336	1.00E-04	1.00E-04	1.00E-04
0.41099521	1.00E-04	0.40490434	0.15204459	0.99932181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12129306	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17142307	0.08710603	1.00E-04	1.00E-04	1.00E-04
0.52728975	0.92068596	0.52489103	0.27286813	1.00E-04	1.00E-04	1.00E-04
0.30780921	1.00E-04	0.38644008	1.00E-04	0.25546096	0.89799762	1.00E-04
2.77512687	1.87523074	2.40426194	1.84030767	2.01340753	3.70537816	3.49791163
0.9244343	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08716682	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.27780979	1.00E-04	0.58702181	1.2067388	0.18459629	1.43471947	1.48002345
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.34119908	0.96037671	0.49325217	1.00E-04	1.00E-04

0.258347	1.08649412	0.32755286	0.18331246	0.19681031	1.7793069	1.36514787
4.78247255	3.31530683	4.78771668	4.05871627	4.16532005	5.4961585	5.32550094
1.00E-04	1.00E-04	0.38806502	0.09749395	0.18609755	0.95102466	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57431452	1.00E-04	0.07516994	0.10087646	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92155356	1.00E-04	0.42114102	0.27057296	0.52194327	1.00E-04	0.7551454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48823812	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3067788	0.10002134	1.00E-04	1.00E-04	1.24145063
1.42086131	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5923621	1.00E-04	0.5645013	0.0825412	0.16978193	1.00E-04	1.00E-04
2.43790452	0.8339972	1.68593505	0.929293	0.85039414	2.37073743	1.18368356
2.23475416	1.00E-04	0.14086284	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91836169	1.00E-04	1.00E-04	1.00E-04	0.15507585	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.8759889	0.3566712	0.38155954	1.00E-04	1.00E-04
3.1513503	1.00E-04	0.28932036	0.07008263	1.24430107	2.92014131	2.87793203
0.57527089	1.00E-04	0.12619197	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25312054	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86166224	0.74506998	1.27162045	0.1828996	0.266032	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.25616202	0.73473628	0.42319663	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15633472	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.96326844	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20495131	1.00E-04	1.00E-04
1.00094255	1.00E-04	0.07379098	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62370364	1.00E-04	0.17147519	0.09790117	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08346022	0.09790117	0.20069996	1.00E-04	1.00E-04
1.00E-04	1.33855165	1.69594194	1.11149907	1.1893865	1.00E-04	0.49725191
1.00E-04	1.00E-04	0.80013695	0.27724834	0.30986936	1.00E-04	1.00E-04
0.91316188	2.28401784	2.97432879	2.33055352	2.2954846	0.9559646	1.00E-04
1.26112714	1.00E-04	0.60158968	0.27920959	0.44915008	0.97412898	1.91101065
2.89813116	1.49525811	1.82671035	1.51889561	2.12346808	1.93034567	2.8602844
0.10913195	0.8339972	0.59687513	0.62997837	0.6776156	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31843496	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.26782484	1.54062948	2.21273941	2.30509732	2.89551932	1.71694738	3.41749032
0.29585631	2.27959959	2.83723636	2.56503739	2.58907573	1.00E-04	1.00E-04
1.00E-04	0.7902481	1.15665937	0.60672918	0.74105097	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09377747	0.3138897	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44770202	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59424445	1.00E-04	0.61351778	0.53325444	0.49599561	1.00E-04	1.00E-04
1.9540287	1.00E-04	0.57324066	0.16695136	0.5850193	1.00E-04	2.1774624
1.00E-04	1.00E-04	0.1304964	0.28031218	1.00E-04	1.66181256	1.50675156
1.06926772	1.00E-04	1.21403052	0.31077167	1.65144867	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52562535	1.00E-04	0.08695588	0.09660285	0.3356126	0.9513318	1.00E-04
1.00E-04	1.00E-04	0.14368603	0.31411928	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13718086	1.00E-04	1.00E-04
0.86938082	1.00E-04	0.45232889	0.09393249	0.57170094	1.00E-04	1.00E-04
2.83274913	1.00E-04	0.80233777	0.61848473	1.0613693	1.30480917	2.46905107
1.00E-04	1.00E-04	0.17237925	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15656174	1.00E-04	0.86239899	0.55546999	1.24751517	0.46029024	1.00E-04
0.33385759	3.73602219	4.51653037	3.98767978	4.00797746	1.00E-04	1.00E-04
0.30780921	0.68407235	1.56618141	1.08942153	1.04115859	1.00E-04	1.00E-04
1.00E-04	1.98813923	2.51734826	2.0700431	2.00682044	1.10522239	1.00E-04
1.79159838	1.00E-04	0.76877907	1.64611076	1.00E-04	1.00E-04	1.00E-04
0.58900026	1.00E-04	0.1717225	0.0822006	1.00E-04	0.68203783	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45444305	0.92068596	0.85092688	0.42920012	0.69050568	1.38334631	1.0244242
1.00E-04	1.00E-04	0.17362306	0.29691245	1.00E-04	1.00E-04	1.00E-04
1.80960694	1.00E-04	0.44800045	0.40176846	0.81984132	1.00E-04	1.00E-04
0.44731096	1.00E-04	0.10994644	0.0824918	0.22194381	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12810717	0.10426514	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09185911	1.00E-04	1.00E-04	1.46745976
2.07120569	1.00E-04	0.84295945	0.21627331	1.30874665	1.96204789	1.58709951
0.78628984	1.00E-04	0.25882447	1.00E-04	0.08815268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08093755	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62091122	1.00E-04	1.09734751	0.23779581	1.08936205	1.77807903	2.08244947
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.22771662	1.43037649	1.03479239	2.03921438	0.95102466	1.00E-04
2.52749892	1.00E-04	1.18794535	1.145496	1.4696476	2.17968883	1.39049921
1.17674486	1.00E-04	0.40026824	0.35122379	0.69229826	0.95102466	1.01194579
2.44158524	1.00E-04	0.43977103	1.51709206	1.05970713	0.71661629	2.36715085
1.00E-04	1.00E-04	0.52542984	0.44105821	0.60305291	1.00E-04	1.00E-04
0.34948596	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09545996	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.27751552	0.1863215	0.73849507	0.94543129	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20163259	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08815268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64541998	1.00E-04	0.23915562	0.6669415	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11567939	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.375354	1.00E-04	0.14225777	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39734163	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7677229	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16524198	1.00E-04	0.26103396	2.20448105	1.87245424	1.98168954	1.00E-04
0.27293106	1.00E-04	0.27377715	1.00E-04	0.09863458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52016549	1.00E-04	0.08167072	0.37558715	1.00E-04	1.00E-04	1.00E-04
1.30981663	0.68407235	1.00E-04	0.08021281	0.24664428	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14481115	0.14136026	0.13098198	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08852014	0.1253092	1.00E-04	1.00E-04
1.00E-04	1.17452218	0.2183501	0.21624661	0.12792029	1.00E-04	1.00E-04
0.13762456	1.94841228	2.47635877	2.2867971	1.82985581	1.00E-04	0.81996147
1.00E-04	0.8358776	0.55314733	0.27965719	0.28467283	1.00E-04	1.62444067
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01382046	0.68407235	0.29852957	0.24246291	0.09814195	1.11481773	1.65185073
1.00E-04	0.8358776	0.27121675	0.22147712	1.00E-04	1.00E-04	1.00E-04
0.50427887	1.00E-04	0.10372768	0.12129306	1.00E-04	1.00E-04	1.00E-04
1.33596809	1.00E-04	0.83529647	0.8134134	0.90843144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10416762	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11467877	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06287992	0.88183331	0.17989602	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52908498	1.39535389	1.15407876	2.53017425	2.55643602	1.39885208	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.36743916	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.29971863	0.48671447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.52520521	1.00E-04	1.40965456	1.12755498	1.00E-04
0.27861993	1.00E-04	0.23988034	0.20993401	1.00E-04	1.00E-04	1.294807
0.39832598	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09849679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19143586	1.00E-04	1.00E-04
0.29969418	1.00E-04	0.1529265	0.09790117	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.88225938	2.190246	2.48587671	1.00E-04	1.00E-04
0.06718044	1.65622658	1.5523221	1.16167683	0.95195485	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26410789	1.67240018	0.68682248	1.26358008	0.74645197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07341779	1.00E-04	1.00E-04	1.00E-04	0.13957128	1.00E-04	1.00E-04
0.33654545	1.00E-04	0.1864866	0.09660285	0.13957128	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42210612	1.00E-04	0.45129784	0.2363513	0.48737264	1.00E-04	1.00E-04
2.79978915	2.34374381	2.44466553	3.44819976	3.09040641	2.04113909	2.45343921
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.10260419	1.00E-04	0.99663244	1.22051896	0.18255603	1.00E-04	0.99227054
2.16322598	1.00E-04	3.33445052	2.29603504	2.15213153	1.06582712	2.95290257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70553486	2.12443705	2.53075211	2.12086906	1.98649168	1.00E-04	0.9583037
0.50950607	0.71640521	1.448253	1.94554399	2.56285228	1.00E-04	1.00E-04
0.46183498	1.00E-04	0.50877798	0.16301349	0.29697068	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05903671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11614357	1.00E-04	1.00E-04	1.00E-04
0.20163259	1.00E-04	1.00E-04	0.08431423	1.00E-04	1.00E-04	1.00E-04
0.29969418	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09550581	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.60535674	0.16352095	0.59666566	1.00E-04	1.00E-04
0.3866251	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10913195	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.27590748	1.99578996	1.99871408	1.00E-04	1.37881795
1.00E-04	1.00E-04	0.13447001	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25135042	1.00E-04	1.00E-04	1.33356452	1.00E-04
1.12365749	1.2795411	0.59897119	0.66875532	1.10888986	1.00E-04	2.40689022
1.00E-04	1.00E-04	0.2174289	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5367533	0.7902481	0.50203	0.43738887	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.72320996	0.7410868	0.45114578	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09927308	1.00E-04	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.70793757	0.43314489	1.81228163	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.126562	0.21673846	1.00E-04	1.00E-04	1.00E-04
0.26779222	1.00E-04	1.44193803	0.61563046	0.8856519	0.83083207	1.22245167
1.00E-04	1.00E-04	0.40260311	1.00E-04	1.00E-04	0.9559646	0.81996147
0.6116811	1.00E-04	1.00E-04	0.31114952	1.81734741	1.00E-04	1.32157107
0.22177449	1.00E-04	0.38261602	1.00E-04	1.00E-04	1.00E-04	0.46517855
1.00E-04	1.00E-04	1.00E-04	0.08952278	1.00E-04	1.00E-04	1.00E-04
2.97108755	1.15872716	2.40276022	1.82518987	2.16649126	2.39374159	2.29017559
1.93784861	0.7902481	1.42825422	1.27664256	1.63978753	0.92751185	1.81382026
1.00E-04	1.00E-04	0.37194093	0.32780351	1.00E-04	1.00E-04	0.96655867
1.00E-04	1.00E-04	0.26199774	0.09731771	0.31663218	1.00E-04	1.67804886
1.78474228	1.00E-04	0.9990527	0.18231955	0.48391577	1.50597694	1.71800361
0.39436419	1.00E-04	0.46636477	0.79078523	0.11344173	1.00E-04	1.00E-04

0.34852092	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52971395	1.00E-04	1.10311918	1.00E-04	1.43010663	1.00E-04	1.00E-04
2.15670402	4.51328982	3.39335995	5.13752428	5.62742296	1.00E-04	1.00E-04
0.22450226	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.19023259	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15565817	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83937703	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95945308	1.00E-04	0.47473073	0.54445145	0.33444123	1.00E-04	1.22180816
0.68808752	1.00E-04	1.16801021	0.76694765	0.79555439	2.25631463	2.7840651
0.44072174	1.00E-04	1.00E-04	0.09185911	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08695588	0.10561401	1.00E-04	1.00E-04	1.00E-04
1.04056247	0.79637057	1.05709154	0.49120462	0.08815268	1.42952649	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10260419	0.7902481	0.0910208	0.16781509	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83167978	1.00E-04	0.70286809	0.83573099	1.16345549	0.96326844	1.13658288
1.57192907	1.00E-04	0.7714573	0.3090365	0.46014983	0.74564767	1.51883775
0.0903597	1.00E-04	1.00E-04	0.09290426	1.00E-04	1.00E-04	0.46517855
0.22395133	1.00E-04	0.59024718	0.43405711	0.37684362	1.00E-04	1.00E-04
1.96039298	1.85036968	0.86430756	0.91585275	1.21189692	0.92751185	1.44442886
0.36611105	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8358776	0.37106134	0.25478085	0.19514249	1.00E-04	1.00E-04
0.60131361	1.00E-04	0.09533646	0.12988431	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.32469694	0.15392957	1.00E-04	1.00E-04
1.10885758	1.00E-04	0.82647596	0.38019298	0.34647	1.00E-04	1.01194579
1.05234661	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55671937	1.09568947	1.45106126	0.93321652	1.15315475	1.21290128	1.00E-04
0.21723843	0.69779233	1.3405488	2.26797752	1.41107921	0.97412898	1.00E-04
2.03099151	1.00E-04	1.19903695	0.71290906	1.25194092	1.00E-04	1.00E-04
2.03857968	1.39178539	1.6289911	1.19238793	1.22303207	1.00E-04	1.00E-04
0.27628942	0.92068596	1.0395631	0.5649617	0.78664255	1.71419661	1.75598595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25055272	1.00E-04	0.25628237	1.4219478	0.36255413	1.00E-04	1.31498475
1.00E-04	1.00E-04	0.11250702	0.22004244	0.09550581	1.00E-04	1.00E-04
0.88498691	1.00E-04	0.21151621	1.00E-04	1.00E-04	1.24245757	1.95665641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63815311	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.59648789	0.96847026	0.66967168	0.42085366	0.40941306	0.83873894	1.00E-04
1.00E-04	1.00E-04	0.35663952	0.14107641	1.00E-04	1.00E-04	1.00E-04
0.07341779	0.72877389	1.5791921	1.47530287	1.18325402	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.74563776	0.24744053	0.19068146	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39960954	1.00E-04	1.14840488	0.57808602	0.53758112	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09354831	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33475181	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09393249	1.00E-04	1.00E-04	1.00E-04
0.78927806	1.00E-04	0.0691919	1.00E-04	0.22929158	1.00E-04	1.00E-04
0.80099863	1.00E-04	0.31653949	0.23004316	0.67079672	1.00E-04	1.00E-04
1.17576581	1.00E-04	0.77963665	0.33571359	0.69167746	0.89799762	1.00E-04
0.73988143	0.74506998	0.19369139	0.22946289	1.00E-04	1.00E-04	1.00E-04
2.67207156	0.72877389	3.02146379	2.37253686	2.09882524	3.6530866	3.10925737
1.00E-04	1.00E-04	1.00E-04	0.35860592	0.44620668	1.00E-04	1.00E-04
0.64541998	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17855637	1.00E-04	0.5549349	0.55885565	0.67155721	0.78141142	1.00E-04
1.00E-04	1.00E-04	0.90248032	1.44910187	0.86013578	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12453936	1.00E-04	0.69877097	0.69322366	1.06385866	1.6080798	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09575456	0.08974194	0.39202868	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13303064	0.27985705	0.1216717	1.00E-04	1.00E-04
1.26984641	0.96847026	0.84702574	0.37978626	0.84150385	1.4233015	1.34083346
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	0.15257778	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93053954	0.71640521	0.09354831	0.22004244	0.09759627	1.63825757	1.25131486
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17989602	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.36016043	0.16880575	0.32920119	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06554964	0.10902669	1.00E-04	1.00E-04	1.00E-04
0.44979064	1.00E-04	0.10564632	1.00E-04	0.09802713	1.00E-04	1.00E-04
2.84875145	0.72877389	2.20960948	1.45666399	1.7875526	1.23897179	1.60459434
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.34961147	0.7902481	1.9119542	1.18704021	1.39253333	3.30093448	2.19372067
0.51181842	1.00E-04	0.06586442	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.01552522	1.00E-04	0.38872766	0.64945114	0.27830269	1.00E-04	1.00E-04

0.47302527	1.00E-04	0.41979065	0.42140943	0.28280136	0.95102466	0.82029012
1.04184487	1.00E-04	0.07819003	0.6958809	1.00E-04	1.18042507	1.69998633
1.09100657	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35134699
0.35793359	2.23786335	3.71055353	3.09112697	2.71767163	2.3542438	0.41275046
0.86499536	1.00E-04	0.71051745	0.74351575	0.41382408	1.00E-04	0.41275046
1.00E-04	1.00E-04	0.50813065	0.09261958	0.51113978	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.58103229	1.14583798	2.06589156	2.64921712	2.46562703	1.9223053	2.79160862
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20344718	1.00E-04	0.14461624	0.94543129	1.00E-04
2.49508597	1.56766727	2.65080245	2.01081094	2.07388374	2.79853349	2.66233583
0.79836572	0.79637057	0.62061372	0.75492784	1.02914883	1.00E-04	1.13658288
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60112347	0.74506998	2.34432738	1.05743101	1.59232458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22091793	0.09814195	1.00E-04	1.00E-04
0.71277269	2.36951273	2.35558238	2.23230794	1.7918944	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.74884515	1.69658067	0.53875032	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.91387541	0.83219526	0.90285916	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0759014	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76352448	1.5774821	1.31364572	1.38383026	1.42115815	2.30308753	2.16602175
0.32909352	1.00E-04	2.00451419	1.61069331	1.43583691	0.82693741	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21117052	0.78460587	0.88797687	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0691919	0.4869932	0.22314105	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.33356452	1.00E-04
1.00E-04	1.00E-04	0.27199132	0.07488174	1.00E-04	1.00E-04	1.33875668
0.43804949	1.00E-04	0.44424502	1.00E-04	0.23312156	0.83083207	1.00E-04
0.26372096	1.00E-04	0.2621017	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73051872	1.00E-04	0.97301021	1.00E-04	1.17515229	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08431423	0.16978193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12230228	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44166385	1.00E-04	0.29206273	0.5027519	0.26612783	1.00E-04	1.24145063
1.00E-04	0.74506998	0.41204724	0.4145534	1.00E-04	1.00E-04	1.32800755
1.00E-04	1.00E-04	0.08074249	1.2841622	0.127027	1.00E-04	1.79288336
1.00146204	1.00E-04	0.09020196	0.36550474	0.40102842	1.00E-04	0.96329792
2.63667967	1.00E-04	0.83961173	1.06389302	1.67211471	0.95102466	2.04738867
0.4095487	1.00E-04	1.73151235	0.89469039	1.32353823	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09963551	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.69306475	0.87074192	1.31602577	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09182604	0.11606138	0.14152107	1.00E-04	1.00E-04
1.00E-04	1.81710307	2.49833684	3.17692551	2.4993166	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33113687	0.33948866	1.00E-04	1.00E-04	1.00E-04
0.65195798	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44795743	1.00E-04	1.00E-04	0.21861441	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86602064	0.68407235	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.53003238	1.00E-04	1.41936016	1.1166862	1.61378397	1.84124694	1.99837901
0.52497427	0.96847026	1.65610124	0.592273	1.05912975	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10589983	1.00E-04	0.49540589	0.89883045	1.50281779	1.00E-04	0.68552114
0.27611176	2.27801923	0.22827633	1.00E-04	0.89399519	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20992003	0.36712004	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0759014	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32009585	0.12615384	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.26613283	0.7369706	0.26556349	1.00E-04	1.00E-04
0.73639854	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06649866	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06504071	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29412275	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08021281	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59199946	1.00E-04	0.10414554	0.07008263	1.00E-04	1.00E-04	1.01208735
0.18529938	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0766569	1.00E-04	1.00E-04	1.00E-04	0.09511513	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23035305	0.23637528	0.12343101	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12595457	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66466252	1.00E-04	0.24375074	1.00E-04	1.00E-04	1.00E-04	1.75053112
0.47251737	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10137643	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52401749	1.00E-04	0.6148143	0.76122014	0.8217401	2.80071131	1.12271955
1.00E-04	1.00E-04	1.00E-04	0.09749395	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08765397	1.00E-04	0.11639204	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06765176	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17164278	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09703757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07577735	0.12564974	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15565817	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15404675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.8726426	0.69573188	0.65250621	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92250859	0.8339972	0.18641819	0.16753828	0.35451432	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09533646	0.08223591	0.51786002	1.00E-04	1.00E-04
0.09976055	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07375842	1.00E-04	1.00E-04	1.00E-04
2.68433521	1.1166062	2.29626383	1.93955581	1.9581225	2.52902191	1.85281645

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8358776	2.03818913	1.52075188	1.63051446	1.00E-04	1.00E-04
0.7482088	1.00E-04	0.50553037	1.44711493	0.32067201	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09377747	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07593463	0.17570334	0.13718086	1.00E-04	1.00E-04
0.94138316	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08746931	1.00E-04	0.37817039	1.00E-04	1.00E-04
0.258347	1.00E-04	0.08510088	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15882988	1.00E-04	1.00E-04
1.00E-04	1.28246279	0.36751131	0.41163569	0.29249463	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09545996	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27861993	1.00E-04	0.2609708	0.810448	0.19768856	1.00E-04	1.00E-04
1.45823936	4.16342781	5.07528103	4.58965177	4.65717184	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06759249	1.00E-04	0.42052531	0.50359797	0.50493942	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47142123	1.00E-04	1.11000912	1.50083452	0.74311795	1.00E-04	0.316869
0.89060413	1.00E-04	1.33759385	0.90128673	1.34953604	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29963809	0.53019461	0.22314105	1.00E-04	1.00E-04
0.10913195	0.87612072	0.81508928	0.67651542	0.52832531	2.36577586	0.86789477
0.42093778	1.00E-04	0.64449006	0.23804997	1.00E-04	0.93702359	1.00E-04
0.39750534	1.00E-04	0.18536966	0.19340178	0.26109287	1.00E-04	1.00E-04
1.00E-04	0.87612072	0.62723067	0.25065815	0.22149604	1.10522239	0.94970493
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3515651	0.45308678	0.15392957	1.00E-04	1.00E-04
0.06765176	1.00E-04	0.13711188	1.00E-04	0.11078928	1.24135441	0.98620672
0.08716682	1.00E-04	0.80221514	0.68988126	1.7995154	1.54481655	1.43838478
1.26118899	1.00E-04	0.44218191	0.26384668	0.13820197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28634951	1.00E-04	1.2891762	1.18013067	0.95096062	1.00E-04	1.00E-04
1.04234302	0.87612072	1.92049978	1.91701451	2.14468458	0.78141142	1.00E-04
1.00E-04	1.00E-04	0.83342247	0.54725725	0.80226275	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18101271	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.06759249	1.00E-04	0.11159101	0.12271058	1.00E-04	1.00E-04	1.54391513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08093755	0.17164278	0.12694344	1.00E-04	1.00E-04
0.61867653	1.00E-04	0.48478386	0.21820915	1.00E-04	1.00E-04	1.00E-04
1.7115808	1.00E-04	0.42538458	0.1141687	0.43291614	1.00E-04	1.32208337
1.00E-04	0.69779233	1.64200103	1.0986885	1.03018831	1.00E-04	1.00E-04
0.59300981	1.00E-04	1.04101968	0.63052234	0.50730817	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19082602	1.00E-04	0.09377747	0.15630471	0.10372144	1.00E-04	1.00E-04
0.87974379	0.69779233	0.2825061	1.00E-04	1.00E-04	1.00E-04	2.15062609
1.00E-04	1.00E-04	0.13303064	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76130672	1.00E-04	1.29435708	0.13088155	1.12810374	1.00E-04	1.13658288
0.12636275	1.00E-04	0.07593463	1.14937649	0.08916315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18222467	1.00E-04	0.57205531	1.02341084	1.18802822	1.00E-04	1.00E-04
1.9386165	1.00E-04	0.65685871	0.67413218	0.54764682	1.57733579	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09868332	1.00E-04	0.57871711	0.31601245	0.81563176	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.57315098	1.30842654	2.31184394	2.06057546	2.20704663	2.29193728	3.59456601
1.00E-04	1.00E-04	0.10418972	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69874917	1.00E-04	0.9177117	0.78308872	0.57915043	1.00E-04	1.00E-04
1.11392008	1.00E-04	1.55200853	1.22911255	1.41848883	1.00E-04	1.05176901
1.60464295	1.00E-04	1.10033576	0.75904883	0.69466698	2.17599089	0.86789477
1.00E-04	1.00E-04	0.39649303	0.16130923	1.00E-04	1.00E-04	1.00E-04
2.89234955	1.00E-04	0.99090089	1.13858424	1.13115917	1.57916762	1.00E-04
3.1232627	1.14583798	2.63675971	2.15430232	1.90791775	2.9025495	2.44754862
1.88151104	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51880389	1.96227967	1.32668635	1.60502031	1.0186747	0.94908439	2.7152074
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50372423	1.00E-04	1.174584	0.47942755	0.55536115	2.09427095	1.00E-04
1.00E-04	1.00E-04	0.16224554	0.08871613	0.20727015	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01262034	1.1377045	1.37543995	0.82916827	1.41494647	0.82693741	0.81245127
0.70065635	0.72877389	0.51071525	0.21660488	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07008263	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18737318	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49740334	1.12769243	1.66727324	1.3035547	1.32747345	1.8605223	1.90155996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07299269	0.09142772	0.24087458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78634226	1.00E-04	0.35170715	0.15248859	0.43413738	0.82884172	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15248859	0.69229826	1.00E-04	1.00E-04
0.06301971	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32140634	2.27801923	2.72924916	2.66090571	3.26544621	3.66978257	2.57353046
1.75032072	1.00E-04	1.47500637	1.17408515	1.37458774	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.84839925	2.37711861	3.84061723	3.05869812	3.32647225	4.06115742	4.36934385
1.83397272	1.16726039	2.0888951	1.57302376	2.11481921	1.00E-04	1.25471819
1.00E-04	1.00E-04	1.00E-04	0.24414247	0.11639204	1.00E-04	1.00E-04
0.57898459	3.3128423	4.16792132	3.48584931	3.12875184	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14749497	0.42008378	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.92426425	0.60809322	1.84078544	1.00E-04	1.00E-04
1.31861216	0.72877389	0.71573823	0.40375882	0.69048573	1.00E-04	1.00E-04
2.92956316	0.87612072	0.88526878	0.5442898	0.57642083	1.7848396	2.0927625
2.5159228	1.00E-04	0.89917326	0.70780142	0.60065018	1.43780209	1.32157107
2.34966994	0.72877389	1.21616977	0.56500462	0.42892716	1.00E-04	1.40124383
1.00E-04	1.00E-04	0.53971756	1.00E-04	0.6184125	1.00E-04	1.00E-04
1.16111864	1.00E-04	0.08074249	0.08321284	0.26229319	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69779233	0.37530467	0.59474744	0.39407179	1.29632339	0.86789477
0.92906347	1.00E-04	0.12595457	0.11299645	0.10894346	1.31947418	1.34083346
0.4157414	1.21891	2.76043526	2.89410976	2.78358899	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.50717259	0.6952646	1.29156071	1.00E-04	0.56264051
1.00E-04	1.00E-04	1.00E-04	0.10843982	1.00E-04	1.00E-04	1.00E-04
0.04764841	1.00E-04	0.43152016	1.01299988	1.32052312	1.78428443	1.00E-04
1.00E-04	0.87612072	1.09542132	0.60195713	0.72759199	1.00E-04	1.00E-04
0.50290483	1.31921957	1.67891396	0.66716291	0.73257366	1.00E-04	1.00E-04
1.46019187	1.17452218	1.98842582	1.02934187	1.34994499	1.00E-04	1.00E-04
1.42955285	1.55002686	2.56771939	2.95143149	2.80578252	1.00E-04	0.82784996
2.20254303	0.87612072	1.16886442	0.17914731	0.60755664	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66198632	1.00E-04	0.09533646	1.00E-04	0.26606125	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.63752945	1.00E-04	1.64347472	2.26677322	1.90962479	1.25061534	1.55043672

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.23400418	1.00E-04	1.00E-04	0.69268812	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13729064	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13903126	1.00E-04	0.32344124	0.11095817	0.16277654	0.72869785	1.00E-04
0.0766569	1.00E-04	0.62825752	0.0824918	0.48524354	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23474447	1.00E-04	0.67111986	0.45523845	0.60299369	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9513318	1.00E-04
0.88041928	1.00E-04	1.00E-04	0.09740575	0.41440531	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16535001	1.00E-04	1.00E-04
0.65195798	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60459779	1.00E-04	0.21870535	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60679551	1.00E-04	0.62368959	0.62993598	0.56534169	0.79958263	2.56830306
3.47793275	1.00E-04	2.39309974	1.8246823	1.97487672	2.4743771	2.7434678
1.32123476	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.81009293
0.16999556	1.00E-04	0.15615563	0.37752408	0.13957128	1.00E-04	1.07063054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12694344	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16535001	1.00E-04	1.06680503
0.47151777	1.00E-04	0.81251405	0.58601975	0.52003546	1.00E-04	1.00E-04
2.20174716	1.00E-04	1.39629131	1.14905744	0.97539436	1.00E-04	2.4361055
1.0327048	1.00E-04	0.22114661	0.37349528	1.42062401	1.00E-04	2.00488111
1.65523914	1.00E-04	0.13447001	0.17679595	0.35568849	1.54481655	1.89429053
1.36852937	1.00E-04	0.6333252	0.63175739	0.29412766	1.31431266	2.08737795
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.28751428	1.00E-04	1.50065369	2.86180562	2.68273194	1.40857904	1.90112667
0.13394589	1.00E-04	0.40400842	0.12143419	0.53527881	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07911744	1.00E-04	0.34956448	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13631278	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83083207	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.47360994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13232803	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35478322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12463834	0.28036572	0.23147408	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1494006	1.00E-04	0.08383283	1.00E-04	0.15169238	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63104778	1.00E-04	0.79752651	0.18839328	0.41106317	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11746998	1.00E-04	1.00E-04
1.71577808	1.00E-04	0.08746931	1.00E-04	0.33479651	1.31151447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8339972	1.00E-04	1.00E-04	0.09704178	1.00E-04	1.00E-04
0.34625666	1.00E-04	0.27390186	0.53121917	0.41065602	1.38951674	1.00E-04
0.53377627	1.00E-04	0.18396718	0.22935794	0.36255413	1.00E-04	1.00E-04
0.75825215	1.00E-04	0.4999596	1.00E-04	0.12748672	1.00E-04	1.00E-04
0.3230281	1.3386578	0.46673106	1.83771098	0.43485705	0.62567961	1.00E-04
1.00E-04	1.00E-04	0.06844824	1.00E-04	1.00112532	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20780399	0.11808269	0.45520069	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24474647	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26442064	0.25261892	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08288455	1.00E-04	0.49129513	0.11095817	0.56331885	1.00E-04	1.37881795
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28893173	0.8339972	0.69887511	1.31736216	1.33232597	1.11641065	1.00E-04
1.10712796	1.00E-04	0.57976905	0.46875753	1.04655793	0.46029024	1.73447945
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10639386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2844415	1.00E-04	0.86988498	0.3261888	0.51989665	1.00E-04	1.00E-04
0.31460011	1.00E-04	0.27370893	0.27724109	1.00E-04	1.00E-04	1.00E-04
0.16999556	1.90970119	1.39336811	0.96740227	1.24017246	1.00E-04	1.46607815
0.7072113	1.00E-04	1.00E-04	1.00E-04	0.11946472	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.61732479	1.73735865	1.16558661	1.00E-04	1.00E-04
0.21164026	1.00E-04	0.88223722	0.24286849	0.60214687	1.00E-04	0.93074312
0.61620537	1.00E-04	0.98936052	0.79215661	0.32354232	1.00E-04	1.32208337
0.70215484	1.00E-04	0.16057329	1.00E-04	0.94973992	1.00E-04	0.48671447
1.01754261	1.00E-04	0.65632539	0.97662179	1.09901678	1.48634524	1.00E-04
1.30295215	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.48243355	1.27747878
0.83335238	1.00E-04	0.07227876	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99093542	1.00E-04	1.15399291	0.97194283	0.45476101	0.88297287	1.33971923
1.00E-04	0.69779233	0.60942082	0.16329236	0.13992338	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15003529	0.69919087	0.14455498	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54407602	1.00E-04	1.00E-04	1.00E-04	0.12343101	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20693779	0.10452963	1.00E-04	1.00E-04
0.98470937	2.27801923	0.10402423	0.29370057	1.00E-04	1.00E-04	1.00E-04
1.27797235	1.00E-04	0.45004459	0.60120496	0.74641713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.19145844	1.00E-04	1.00E-04	1.00E-04
0.24473563	1.00E-04	0.13909974	0.17121841	0.29352415	1.00E-04	1.00E-04
0.0766569	0.8339972	0.28663573	0.15581657	0.19146895	1.00E-04	1.00E-04
0.82036986	1.3386578	1.09941359	1.06712285	1.04606876	2.76757897	1.1787663
1.00E-04	1.00E-04	0.28588215	0.61864613	0.98612016	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1503523	0.15219862	1.00E-04	1.00E-04	1.00E-04
1.24541619	1.00E-04	0.30592819	0.25366951	1.25650687	1.00E-04	0.97522957
0.1136802	1.00E-04	1.00E-04	0.34015271	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	0.32655594	0.13046994	1.00E-04	1.00E-04	1.00E-04
0.32972827	1.00E-04	0.09811645	0.33206933	0.17989602	1.00E-04	1.00E-04
1.48831793	1.00E-04	0.31998028	0.2057249	1.00E-04	1.00E-04	1.24011905
3.37015857	3.56119686	3.0956893	2.99542247	2.62322575	2.89515646	2.09624475
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35886391	1.00E-04	1.33668691	1.71508195	2.5332247	1.00E-04	1.00E-04
0.08716682	1.00E-04	0.10212818	0.26515965	0.26749862	1.00E-04	0.56264051
0.04764841	1.00E-04	1.00E-04	0.44566992	0.58358338	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20281155	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25363418	0.0814007	1.00E-04	1.00E-04	1.00E-04
0.64051679	1.00E-04	1.0126379	1.24877864	2.69926796	1.11641065	1.00E-04
0.8944668	1.00E-04	0.10142528	1.00E-04	0.09814195	1.83260876	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09060953	1.00E-04	2.10638478	1.00E-04	1.00E-04
0.33303904	1.2795411	0.50701455	0.45758841	0.80466449	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1343207	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78155597	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09963551	0.10659766	0.13718086	1.00E-04	1.00E-04

0.53879628	1.00E-04	0.21913903	0.21460729	0.2245907	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16411766	0.83937703	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20795807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09983193	1.00E-04	1.00E-04	0.66252712	0.15507585	1.00E-04	1.00E-04
0.41971502	1.00E-04	0.3212376	0.16514843	0.16358717	1.00E-04	1.00E-04
0.38912618	1.00E-04	1.00E-04	0.15975889	0.21404561	1.00E-04	1.00E-04
0.26333985	1.00E-04	0.84148773	0.64685478	1.00E-04	1.00E-04	1.00E-04
0.74072003	1.00E-04	1.25385226	0.87250527	0.26448941	1.00E-04	0.316869
2.49231109	1.00E-04	1.10976808	0.67541133	1.58544559	1.53848237	1.28277338
1.09206126	1.00E-04	0.4672634	1.11821823	0.27097464	0.79958263	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22938667	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16117807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.2190043	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11701955	1.00E-04	1.00E-04	0.46517855
1.00E-04	1.00E-04	0.63477721	0.11868081	1.00E-04	2.07733671	2.49678942
1.00E-04	1.00E-04	0.21035279	0.10659766	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13745044	1.52102673	1.88916325	0.81204093	1.70699425	1.00E-04	2.32385556
1.00E-04	1.00E-04	1.00E-04	0.1318993	1.00E-04	1.00E-04	1.00E-04
0.62680401	0.87612072	0.17237925	1.00E-04	0.11711669	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28901253	1.00E-04	0.15505959	0.14475443	0.1216717	1.84113217	2.06549073
0.2196067	1.00E-04	0.09060953	0.14265486	0.1476729	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.81828647	1.00E-04	1.03395442	0.35968181	0.47235882	1.00E-04	1.26389675
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93004967	1.14856053	1.28687534	1.57051745	1.41931211	1.00E-04	1.15573112
0.21020784	1.09568947	1.77225864	0.81751715	0.61471116	1.00E-04	1.00E-04
2.64832724	1.00E-04	1.99287184	1.36892247	2.17130345	2.4858633	2.91991486
1.00E-04	1.00E-04	0.97570032	1.81917699	1.81559123	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11998372	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04764841	3.13005059	0.09703757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09838717	1.00E-04	0.6621486	0.21608101	0.24014104	1.00E-04	1.00E-04
0.45055226	1.00E-04	0.2900516	0.65355895	0.46846049	1.00E-04	1.00E-04
2.51616254	1.10823044	1.77985544	1.77834744	1.56111518	2.03135838	2.26795513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.52082524	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.48254513	0.38026081	0.09863458	1.00E-04	1.00E-04
0.34496895	1.28352536	1.69987063	1.88717438	1.97445644	0.62567961	1.00E-04
0.09031792	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.26119238	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08292731	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30780921	2.27801923	0.11998372	1.00E-04	0.15169238	1.00E-04	1.00E-04
0.53994581	1.00E-04	1.00E-04	1.00E-04	0.11078928	1.00E-04	1.00E-04
0.15771706	1.00E-04	0.26361034	1.00E-04	0.12564974	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.15573112
0.23751022	1.00E-04	0.0691919	1.00E-04	0.13098198	1.00E-04	1.3282665
1.00E-04	1.00E-04	0.10697315	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.69172196	1.00E-04	0.53677805	0.49990298	0.30787394	2.40538011	2.02166693
0.04764841	1.00E-04	1.00E-04	0.20989126	1.00E-04	1.00E-04	1.00E-04
0.27755829	1.00E-04	0.05903671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11946472	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.046971	1.00E-04	0.18664872	0.28425122	0.21387849	2.85724744	1.16048721
0.8614204	1.00E-04	0.12694784	0.20883648	1.00E-04	1.00E-04	1.00E-04
2.26025163	0.72877389	2.12064301	1.49688409	1.74129754	1.77842421	2.18548653
1.10251834	1.52102673	1.91738312	1.84020173	1.72803599	1.00E-04	1.14182117
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82835148	1.00E-04	1.74787782	1.5853376	1.81940661	1.00E-04	0.35134699
0.57212891	1.00E-04	1.00E-04	0.13737782	0.17638133	1.00E-04	1.00E-04
0.35292799	1.00E-04	0.1277904	1.00E-04	1.00E-04	1.33356452	1.49723261
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.5863871	1.00E-04	0.38716409	0.08431423	0.15565817	1.00E-04	1.52709829
1.00E-04	1.00E-04	0.10435943	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15929861	0.7902481	0.08510088	1.00E-04	1.00E-04	1.45808418	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11121198	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67540239	1.96004106	2.25837045	2.73942636	2.05127939	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.14461978	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48972495	1.28620973	1.29431034	0.64927724	0.69782923	1.00E-04	1.88542252
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75782641	1.00E-04	0.62970126	1.59583898	0.29965177	1.00E-04	1.0244242
0.49650764	1.00E-04	0.91752136	0.3336879	0.23022553	1.00E-04	1.00E-04
0.61432273	1.00E-04	0.46947113	1.5607238	0.45162253	1.00E-04	1.14061365
1.00E-04	0.8358776	0.14149947	0.06816182	1.00E-04	1.00E-04	1.50501804
2.9119197	0.8358776	0.80684209	1.487664	2.34288161	1.00E-04	1.88270094
1.68565597	1.00E-04	0.69264508	0.40059012	1.38137623	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55057782	1.00E-04	1.00E-04
0.06301971	1.00E-04	1.4436961	0.70789406	0.53337096	1.00E-04	1.00E-04
0.76376013	2.71475542	2.56835873	2.24905353	2.34977411	1.00E-04	1.43838478
3.17758647	4.82272777	5.1455465	4.81339978	4.9449485	3.14422207	4.40666753
0.99318175	3.17423592	3.14968145	3.25853627	3.21687818	1.22399854	2.55025401
1.38484673	2.24972234	2.0859984	1.72379978	1.60471558	1.00E-04	1.38101295
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.89799762	1.00E-04
0.2196067	1.00E-04	0.25327041	1.00E-04	0.24971102	1.00E-04	1.00E-04
1.03276986	1.00E-04	0.39596417	0.19328216	0.49213341	0.74564767	1.41118837
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
7.95927671	9.87675326	8.84672634	8.57291366	9.24914628	9.5784671	8.91944636
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64653247	1.00E-04	0.14540433	1.00E-04	0.15169238	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08021281	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10659766	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9559646	1.00E-04
1.00E-04	1.00E-04	0.10212818	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8079734	0.96847026	0.90048376	0.44736017	0.54110237	0.94371668	2.31710658
1.00E-04	1.00E-04	0.24524683	0.31963119	1.00E-04	1.00E-04	1.57380276
1.00E-04	1.00E-04	0.71794772	0.79003937	0.51069416	1.00E-04	1.48223447
1.00E-04	1.00E-04	1.00E-04	0.15248859	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14656851	1.00E-04	1.00E-04	1.00E-04	1.10337756
1.00E-04	1.00E-04	0.08346022	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29907831	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46376582	1.00E-04	0.22864647	0.25031031	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09963551	0.12223151	0.14455498	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24413874	1.00E-04	1.00E-04	1.00E-04	1.1752166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2626046	1.00E-04	0.22649653	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20163259	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19826084	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07670308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.26094361	1.00E-04	1.39843046	1.14017673	0.82839474	1.99335876	1.90580578
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49077589	1.00E-04	0.96604654	0.581235	1.08123233	2.14227194	2.08496965
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40038755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32070646	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.79637057	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73385648	2.22514369	2.67040546	2.18159862	2.38300419	2.52092566	1.8390271
1.00E-04	1.00E-04	0.27017192	0.23382893	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47039415	1.00E-04	1.54968466	0.27338939	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0741193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.79637057	0.93854526	0.6697806	0.65948842	1.00E-04	1.00E-04
0.14419038	1.00E-04	0.07268679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.72877389	0.98896906	0.48646086	0.454903	1.00E-04	1.00E-04
0.50214306	1.00E-04	0.29732042	1.66933824	0.21812591	1.00E-04	1.00E-04
0.24286172	1.00E-04	0.52201284	0.70079999	0.68810302	1.00E-04	0.97522957
0.41066913	1.3106013	1.18379021	1.0163934	1.52787981	1.00E-04	1.19626579
0.34948596	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15117072	0.32092223	0.74299765	1.75707711	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.5907274	0.19363089	0.45183453	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07516994	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.51188316	0.22031633	1.73724286	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.42816736	1.00E-04	2.12490145	2.54432462	3.57724443	1.3168171	1.70180838
4.27713585	0.68407235	2.95139948	2.68989394	2.45780355	2.57344456	3.66163316
1.22532321	0.68407235	0.25665861	0.31557277	0.16535001	1.00E-04	0.7214142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21398511	0.1753431	0.23302289	1.00E-04	1.00E-04
0.54201491	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.43518124	0.87612072	1.08113222	0.96601613	1.22297751	1.73262823	1.95601946
1.23037882	1.00E-04	0.64570903	1.00E-04	0.15290548	1.00E-04	1.00E-04
0.92024716	1.00E-04	0.25006332	0.29452257	1.00E-04	1.00E-04	1.90112667
1.49454468	1.17452218	0.76274907	1.00E-04	0.73076788	1.3518948	2.54020019
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08716682	1.00E-04	1.00E-04	0.12129306	1.00E-04	1.00E-04	1.24145063
1.00E-04	1.00E-04	1.67739919	0.43885046	0.61426415	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.13116015	0.43957805	0.10452963	1.00E-04	1.00E-04
2.22665519	1.99360232	1.09005305	0.97139532	0.43918691	1.00E-04	1.27747878
2.55027462	5.01935651	3.30572582	3.43182604	3.98470631	3.77670022	3.35561425
0.50258216	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.36868775	1.00E-04	0.12748672	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09377747	1.00E-04	0.23467918	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12694784	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.39402628	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29269084	0.4802854	0.17713548	1.00E-04	1.00E-04
0.37074536	1.00E-04	0.73887931	0.57132543	0.36290923	0.74564767	0.49725191
0.38368301	1.00E-04	0.08695588	0.18728045	0.14566556	1.00E-04	1.00E-04
0.22177449	1.00E-04	0.42357099	0.09375359	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50541311	1.00E-04	1.00E-04	0.22255536	1.00E-04	0.86319656	1.00E-04
0.10260419	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82784996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3768755	1.00E-04	0.20107867	1.00E-04	0.52467423	1.00E-04	1.64691902
0.78631569	0.79637057	0.44988714	0.08624493	0.23456751	0.72869785	1.88657293
0.70065635	1.00E-04	0.86024549	1.38724687	0.7737498	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.31151447	1.29823861
0.45238267	1.00E-04	0.10435943	0.22454333	0.63632517	1.00E-04	1.63501006
0.08716682	0.87456952	0.84186113	1.00E-04	0.37214923	1.00E-04	1.15573112
0.47292937	1.00E-04	0.23845495	0.29910501	0.23037507	0.81755274	1.00E-04
0.52016549	1.00E-04	0.85764084	0.41877287	0.75371946	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12677303	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.13645708	1.00E-04	0.93001198	0.8546178	2.53323698	1.24245757	1.93812808

1.1396122	1.00E-04	0.54727402	1.47996127	1.01990825	1.00E-04	1.00E-04
0.06301971	2.2726854	2.87829136	1.94406642	2.02110543	1.00E-04	1.00E-04
0.21280737	1.00E-04	0.32833448	0.09660285	0.19524902	1.00E-04	1.00E-04
2.21926723	1.00E-04	1.58233329	1.80068983	1.1238862	1.84705558	1.52150205
1.00E-04	1.00E-04	0.28715205	0.18078717	1.00E-04	1.00E-04	0.46517855
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25224736	1.00E-04	1.42691915	1.27878144	2.10784826	1.00E-04	1.00E-04
0.0903597	1.00E-04	1.00E-04	0.14107641	0.18420248	1.00E-04	1.00E-04
0.24473563	1.00E-04	0.55031216	1.00E-04	0.1476729	1.00E-04	1.00E-04
1.84129498	1.2795411	0.60382531	0.43819814	0.59469368	1.46853617	1.00E-04
1.72198499	1.00E-04	0.92640741	0.3352826	0.20965207	1.75791089	1.19626579
2.17975303	1.00E-04	1.20903657	0.73752901	0.56829682	1.99364207	1.57004067
1.00E-04	1.00E-04	1.93068915	1.62366702	2.46623912	1.00E-04	1.00E-04
0.36207713	1.00E-04	1.00290313	0.27870502	0.59421908	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.47533044	0.15290548	1.00E-04	1.27359657
1.95484329	1.00E-04	1.44512639	0.81244241	1.90646059	1.75811948	3.20929563
1.66979282	1.00E-04	0.12994377	0.82881514	1.74143207	1.39720193	0.7070202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82580701	1.00E-04	1.61595102	1.25789502	1.44149212	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08749008	1.00E-04	0.08815268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49129865	1.58646789	1.24563429	0.77299803	1.13661075	1.63980382	1.00E-04
1.00E-04	1.00E-04	1.58256038	2.88110579	2.44503186	1.00E-04	1.00E-04
1.65864375	1.00E-04	1.29595199	1.24476354	1.87962725	1.00E-04	1.1787663
1.00E-04	3.70016447	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89802134	1.28472534	0.81911862	0.76643447	0.42355981	2.14353701	2.27703118
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8943753	1.00E-04	2.47773086	1.77649506	1.45452598	1.29788271	2.32304756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08815268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.127027	1.00E-04	1.00E-04
1.00E-04	1.56839355	0.65568409	1.17419972	0.18549388	1.52409244	1.4295544
1.00E-04	1.00E-04	0.3363862	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29357734	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09176315	0.36762042	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25886894	1.00E-04	1.00E-04
1.52207145	3.13164614	2.71526189	1.82560621	2.42837264	1.00E-04	1.61335188
1.00E-04	1.00E-04	1.04173064	0.29526806	1.3600394	1.00E-04	1.00E-04
1.00E-04	2.00198117	2.87699257	2.30415935	2.07465716	1.00E-04	1.00E-04
0.06759249	1.22587756	1.7982452	0.65634266	0.27789379	1.00E-04	1.00E-04

1.00E-04	0.68407235	2.50490274	1.62416858	1.55785931	1.00E-04	1.00E-04
0.54201491	1.00E-04	1.43640021	1.00085646	1.05156684	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11105565	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06734539	1.00E-04	1.56018015	0.60226504	0.88499877	2.08470583	1.74261109
1.00E-04	1.00E-04	1.63710093	0.85821684	0.99121351	1.00E-04	1.00E-04
1.01596285	1.00E-04	0.2410809	0.20327312	0.42632244	1.00E-04	1.18453576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09121203	1.00E-04	0.83057191	0.88222347	1.08211035	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06301971	1.00E-04	0.09927308	0.93328449	1.94943092	1.00E-04	1.45670916
0.88823683	1.00E-04	1.00E-04	0.14542715	1.00E-04	1.00E-04	1.00E-04
0.56939831	1.00E-04	0.0910208	1.00E-04	1.00E-04	1.00E-04	1.01194579
1.00E-04	1.00E-04	0.08093755	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08749008	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73064038	1.00E-04	1.00E-04	0.0848519	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24702525	0.20197068	1.00E-04	1.26135756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90066803	1.00E-04	0.87625244	0.14876136	0.18639585	1.00E-04	1.37881795
0.71291168	1.00E-04	0.13781744	0.21254099	0.09565186	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22888881	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83645693	1.65673579	1.23545189	0.5903281	0.64204125	1.39885208	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0825412	1.00E-04	1.00E-04	1.79260944
0.2196067	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07348386	1.00E-04	0.127027	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19481826	1.00E-04	0.55057782	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12279371	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0741193	0.13214734	1.00E-04	1.00E-04	1.00E-04
1.06217126	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33671138	0.08431423	0.09523547	0.94543129	1.00E-04
1.00E-04	1.00E-04	0.22416715	0.07488174	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.36891581	0.29137762	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.26943216	0.42795943	1.00E-04	1.00E-04

0.99408877	1.00E-04	1.56620838	2.07508743	1.05272264	1.00E-04	1.27747878
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15290548	1.00E-04	0.68773152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63197576	1.00E-04	1.11589827	0.68320754	0.25710851	1.00E-04	1.00E-04
0.47620391	1.00E-04	0.92186476	0.20252936	0.42264375	2.34343451	1.37881795
0.68748304	1.00E-04	0.30683192	0.19224158	0.12792029	1.00E-04	1.00E-04
1.00E-04	2.34982159	2.51379934	3.15099547	2.13344232	1.00E-04	1.13786198
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24366772	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90228847	1.00E-04	1.00E-04	0.074384	0.41099902	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07577735	1.00E-04	1.00E-04	1.00E-04
0.45613379	1.27635397	2.52606926	2.09495958	1.97090059	1.00E-04	1.00E-04
0.65475405	1.24533636	1.48789412	1.46861759	0.71217214	1.00E-04	1.00E-04
0.99569065	2.4328452	0.66700265	0.62896365	0.61693502	3.04424593	2.63799541
1.67105893	1.00E-04	1.00E-04	0.0822006	0.18101271	0.84473467	1.00E-04
1.00E-04	2.04771883	3.55567363	2.98590986	2.23813177	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21365888	1.00E-04	1.28657532	0.55428826	1.57857499	1.87180375	2.03813559
0.86749028	1.00E-04	1.00E-04	0.19340178	0.32110478	1.00E-04	2.01780383
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25117958	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16371972	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46354193	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60679032	1.00E-04	0.60843694	1.16908604	1.85652312	1.00E-04	1.00E-04
0.31242058	1.00E-04	1.29032828	0.21545551	0.32046504	0.88297287	0.35134699
1.00E-04	1.00E-04	0.10424131	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08695588	0.23966584	1.00E-04	1.00E-04	1.00E-04
0.71574338	1.00E-04	0.15404675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72850662	1.00E-04	1.00E-04
1.00E-04	0.92068596	1.1314653	0.60120218	0.93414859	1.00E-04	1.00E-04
0.20182787	1.00E-04	0.23486823	0.22340202	0.62772627	1.00E-04	1.00E-04
0.06718044	1.00E-04	0.31685461	0.37901261	0.41699037	0.78141142	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33401111	1.00E-04	0.62044995	1.00E-04	0.09704178	1.00E-04	1.00E-04
0.46354193	1.00E-04	1.20907201	0.70367951	0.24255885	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1628471	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08021281	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18160417	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50126627	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.258347	1.00E-04	0.08093755	1.00E-04	0.11078928	1.00E-04	1.00E-04

0.16533628	1.00E-04	0.14982152	0.20571904	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.94958732	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8393407	0.68407235	1.3088849	0.99843411	0.7969716	1.00E-04	0.7179807
2.35773604	1.00E-04	1.32389194	0.88852002	1.01843945	1.00E-04	2.2024225
0.76572518	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.16048721
2.42368455	1.00E-04	1.79068008	1.13385847	1.1158852	0.96274275	2.43368307
0.82324482	0.69779233	1.45554994	1.90879127	1.37744641	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76614267	0.8358776	0.3786438	0.43554483	0.26361846	1.00E-04	1.00E-04
1.06156549	1.00E-04	1.20451121	0.14244825	1.06107651	1.00E-04	1.00E-04
0.54983003	1.46130919	2.28895844	2.2180596	2.83356828	1.81956368	1.86477324
0.85579838	1.00E-04	0.29904358	0.46546154	0.1685492	0.46029024	1.81139322
1.00E-04	1.00E-04	1.00E-04	0.10087056	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68544851	1.00E-04	0.55193851	0.40429274	0.47457769	1.37648376	1.00E-04
1.40207267	2.09593616	3.48575727	4.4740619	4.84516168	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13088155	1.09628439	1.31153644	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08383283	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09019368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96847026	0.21206314	0.11090815	1.00E-04	1.00E-04	1.51619488
1.00E-04	1.00E-04	1.00E-04	0.233241	0.39394864	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64432479	0.7902481	0.61105544	0.66711764	0.67384592	1.03647332	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.58710165	0.9986316	0.792719	1.00E-04	0.48671447
1.00E-04	1.00E-04	0.09880717	0.11606138	1.00E-04	1.00E-04	1.00E-04
0.7338571	1.00E-04	1.26468278	0.96114905	0.76185978	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.67987037	0.08680543	1.00E-04	1.00E-04	1.00E-04
3.08842878	1.00E-04	1.32777926	1.35659991	1.05209182	1.00E-04	1.92445907
1.21817947	1.00E-04	0.47275265	0.35899999	0.25792962	0.78141142	0.89038937
1.00E-04	1.00E-04	0.06880281	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.76167204	1.00E-04	0.95003238	0.66180387	2.03457846	2.44280844	1.62051855
0.47243151	1.00E-04	0.31908153	0.68994254	0.65769431	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4403477	1.49077582	1.32192194	1.14902283	1.5774457	1.36033114	1.00E-04
0.56448917	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.88545904	1.79033119	3.15534551	2.93510212	2.72253263	2.54121433	2.66929037
0.42092135	1.00E-04	0.29829889	0.23459964	0.50956541	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2582461	1.00E-04	0.35004063	0.23571532	0.19689557	1.00E-04	1.00E-04
0.76018735	0.71640521	0.7775095	1.968594	0.22889477	1.00E-04	0.81996147
0.43060091	1.00E-04	0.34941751	1.00E-04	0.19146895	1.00E-04	1.00E-04
2.16762471	2.37645304	1.3724846	0.63887755	0.70203973	3.06683139	2.5456419
1.00E-04	1.00E-04	0.19079412	0.13377478	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19457645	0.21039526	1.00E-04	1.00E-04	1.00E-04
2.983869	0.8339972	1.4688656	0.95115745	1.39219561	2.02288417	2.09323388
1.00E-04	1.00E-04	2.28494045	2.49730348	2.92719764	1.00E-04	1.00E-04
0.11017854	1.00E-04	0.08074249	0.22494326	1.00E-04	1.00E-04	1.00E-04
0.74944661	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9345643	1.23005604	1.28086246	0.99462997	0.72712509	1.39540176	0.54053641
0.15771706	1.00E-04	0.23631167	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66413711	1.00E-04	0.44451639	0.074384	0.19681031	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07593463	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.99146336	2.03467914	2.55461891	2.22642111	1.81549036	2.9322846	2.85397687
1.00E-04	1.00E-04	0.0910208	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10087646	0.34312382	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11078928	1.00E-04	1.00E-04
0.344714	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.55303863	1.00E-04	1.65182832	1.74363193	2.16348101	1.00E-04	0.35134699
0.79391543	1.00E-04	1.00E-04	1.00E-04	0.18420248	1.00E-04	1.00E-04
2.04947047	0.76524107	0.89577076	0.309636	0.83269066	1.40485347	1.99245195
0.5876827	1.00E-04	0.88089364	0.30413804	0.46875229	2.34552885	0.93957287
0.2070908	1.00E-04	0.2980221	0.10087056	1.00E-04	1.00E-04	1.00E-04
0.13394589	1.00E-04	1.00E-04	0.1213016	1.52773352	1.00E-04	1.00E-04
0.89996844	1.00E-04	0.39722225	0.3557882	0.39054994	1.00E-04	1.77153709

0.41424475	1.00E-04	1.19745489	1.23040043	0.23015016	1.00E-04	1.00E-04
0.22481141	1.00E-04	0.07655967	1.00E-04	0.21894683	1.00E-04	1.00E-04
0.65622453	1.42739025	1.15531988	2.31353942	2.59113146	1.00E-04	1.31799764
1.09748109	1.00E-04	0.14427195	1.00E-04	0.1685492	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18094078	0.14107641	1.00E-04	1.00E-04	1.00E-04
0.12636275	1.00E-04	0.10054642	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	0.68407235	0.64444979	0.29726009	0.52610172	0.71661629	1.00E-04
0.06765176	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62697776	1.00E-04	0.66817857	0.5105653	0.7211813	1.00E-04	1.00E-04
1.7518119	1.00E-04	2.09548879	2.53933596	2.9667609	1.00E-04	0.92936638
0.57739441	1.89127927	0.83702571	0.66103121	1.43166443	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19524786	0.22619503	1.00E-04	0.78141142	1.00E-04
2.86549827	0.8339972	2.65964219	2.52072335	2.73085689	2.23437378	2.982545
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.42326673	1.25509001	1.06394409	1.14441064	0.73996551	1.66728182	0.8126727
1.00E-04	1.00E-04	1.00E-04	0.32171996	0.13820197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15219862	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16437031	1.00E-04	0.5600462	0.83638353	0.39016132	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30561553	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09354831	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18184521	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46171394	1.00E-04	0.81967381	0.68688322	0.4981547	1.00E-04	1.00E-04
1.53198212	1.00E-04	1.46738643	0.74774373	0.87234745	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14163853	1.00E-04	1.00E-04
0.16819726	1.00E-04	0.4407561	0.07375842	0.31142721	1.00E-04	1.00E-04
0.344714	1.00E-04	0.17046657	0.17811036	1.00E-04	1.43054211	1.00E-04
0.375354	1.00E-04	1.00E-04	1.00E-04	0.09565186	1.00E-04	1.00E-04
0.31382434	1.17148784	1.00662889	0.31096225	1.17710067	1.00E-04	1.00E-04
0.77100502	1.00E-04	0.77610955	1.49718493	0.87822779	1.00E-04	1.00E-04
0.26719291	1.00E-04	0.68014867	0.2914607	1.38623319	1.58899856	1.54391513
1.00E-04	0.68407235	0.76500976	1.52286649	1.28076638	1.00E-04	1.00E-04
1.24618523	1.58124053	1.84018645	1.36169278	1.57032728	1.5325984	1.00E-04
4.54311574	1.00E-04	1.7428013	1.16046357	2.42366131	5.16606493	4.64127263
0.33206433	1.22771662	3.28465366	3.54561469	3.22453471	1.54481655	0.49725191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91884002	1.00E-04	0.28140327	0.2604974	0.49231494	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1141687	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.27490027	0.10561401	1.01656166	1.00E-04	1.00E-04
0.60195478	1.00E-04	0.58737634	0.63078503	0.31164873	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.32109615	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17241709	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.70084482	0.43178484	0.55663046	1.00E-04	1.00E-04
2.82094804	0.92068596	1.60813896	1.2726382	1.41874964	2.98785961	2.65524325
1.00E-04	1.00E-04	0.24166981	1.00E-04	0.12694344	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12696973	0.11606138	0.47304786	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2055385	0.53102388	0.09704178	0.88323491	1.00E-04
1.00E-04	1.00E-04	0.3466896	0.14399149	0.14455498	1.00E-04	1.00E-04
1.66869444	0.72877389	1.61454738	1.77161161	1.3803959	1.44499647	2.49302946
1.00E-04	1.00E-04	0.12748072	0.15144185	0.30589262	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.07558245	0.31675386	0.14152107	1.25061534	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26040523	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.52243197	0.2559767	0.61070138	1.00E-04	1.00E-04
1.01238694	1.00E-04	0.20900762	1.00E-04	0.50408717	1.00E-04	1.13786198
0.79220853	1.00E-04	0.8433162	1.00E-04	0.20495131	0.96326844	1.18035161
1.00E-04	1.00E-04	0.4123727	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6670079	1.00E-04	0.48616808	0.31136875	0.43790397	1.00E-04	1.54391513
1.00E-04	1.00E-04	1.00E-04	1.01531129	1.00E-04	1.00E-04	1.00E-04
0.06759249	1.00E-04	0.68626982	0.45742904	0.13098198	1.00E-04	1.00E-04
1.4029302	1.00E-04	1.01481064	0.54749686	0.80314266	1.2005763	1.01682105
0.30218343	1.00E-04	0.16064588	0.19267382	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.5687401	0.32371561	0.3189454	1.00E-04	0.41275046
0.21337297	1.00E-04	1.00E-04	0.08431423	0.22327955	1.00E-04	1.00E-04
0.77001759	1.00E-04	0.42072548	0.71413008	1.85223243	1.00E-04	1.00E-04
0.27755829	1.00E-04	1.00E-04	0.26151299	0.12564974	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09649751	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41040552	1.00E-04	0.74158195	0.86552068	1.10387767	0.97058651	1.00E-04
0.43804949	1.00E-04	1.00E-04	0.13125573	1.00E-04	1.00E-04	1.00E-04
1.7934494	1.00E-04	1.37512539	1.21315846	1.03652077	1.15746526	1.50363461
0.68292078	1.00E-04	1.13015677	0.86105794	0.76012887	1.00E-04	1.00E-04
1.58372949	1.00E-04	1.36665668	1.73897527	2.23856322	1.54904361	1.13158847
1.00E-04	0.87456952	0.12463834	0.16704206	1.00E-04	1.00E-04	1.00E-04
1.44587799	1.14583798	0.08590433	0.09142772	0.36146914	1.00E-04	1.00E-04
0.95444413	1.00E-04	0.82223787	0.64290272	0.79130733	1.00E-04	0.83430531
1.00E-04	1.00E-04	0.90055135	0.3921038	0.72799681	1.00E-04	1.7005328
1.00E-04	0.87612072	1.72300886	1.11764421	1.28947601	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35780301	1.00E-04	0.57609071	1.00E-04	1.00E-04
0.14735492	1.00E-04	1.75425156	1.35701061	1.18662962	1.00E-04	1.00E-04
1.67818109	1.00E-04	0.44944759	1.64061966	0.53474801	1.00E-04	1.5636625

1.00E-04	1.00E-04	0.14481115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6648626	2.85390194	0.74690373	0.30764393	0.13820197	0.71661629	1.00E-04
0.64510746	0.74506998	0.9004112	1.40137225	0.87284978	1.00E-04	1.13658288
1.00E-04	1.00E-04	0.74005073	0.65203924	0.45998114	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24828412	1.00E-04	0.21887105	0.81755274	1.10457566
1.00E-04	1.00E-04	0.17818339	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.72544182	0.06816182	0.25679419	1.00E-04	1.00E-04
0.2499135	1.00E-04	0.09286457	0.14107641	0.43456185	1.00E-04	1.37881795
1.00E-04	1.00E-04	0.11450942	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.50520021	0.08680543	0.15882988	1.00E-04	1.00E-04
1.06701244	0.74506998	1.78974474	2.51777232	1.64412395	1.00E-04	1.00E-04
1.52581048	1.00E-04	0.75344469	1.06939259	0.51385596	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.23041562	0.21251484	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28430992	1.00E-04	0.09550581	1.00E-04	1.00E-04
4.23644063	1.3386578	2.94213819	3.79995891	3.45147918	3.11501249	2.84384775
1.00E-04	1.00E-04	1.00E-04	0.06796023	0.127027	1.00E-04	1.00E-04
0.57363016	1.00E-04	1.09110017	0.8234684	1.6323931	0.62567961	1.81907162
1.00E-04	1.00E-04	0.51336675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.25425724	0.10294237	1.00E-04	1.00E-04
0.06301971	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.03896837	0.29195108	1.16017343	1.00E-04	1.00E-04
2.07888794	1.17148784	2.95222255	2.05652777	2.63956704	1.85756463	2.6862407
1.08249962	1.12769243	2.23335839	2.13275818	2.08125456	1.00E-04	1.00E-04
2.44902148	1.00E-04	1.96445123	1.76640241	1.4844613	2.45701557	1.53663648
1.87062782	1.00E-04	0.269593	0.64247804	1.37172068	1.77013826	2.7132311
1.00E-04	1.00E-04	1.62263045	1.68772579	2.16028942	1.00E-04	1.00E-04
1.48032133	1.00E-04	0.98570312	0.77298499	0.41713245	2.22048539	1.78455057
1.00E-04	1.00E-04	1.00E-04	0.08021281	1.00E-04	1.00E-04	0.89038937
0.41706229	1.00E-04	0.38517544	0.18566357	1.00E-04	1.00E-04	1.00E-04
0.48260147	1.45686103	2.01384751	1.66267644	2.48917934	1.75791089	1.00E-04
2.06857654	0.8339972	1.5918786	1.20390615	0.55642056	1.33319968	2.00248268
2.31879806	1.00E-04	1.01010034	1.90173361	1.97264911	1.70227891	0.7179807
1.63871903	1.00E-04	0.85487034	2.06354615	1.70616111	0.46029024	1.12396442
2.34772159	0.79637057	1.19917685	1.42629239	0.97038671	1.03647332	1.09929142
1.2833769	1.00E-04	0.20016491	1.18562974	0.25869833	1.00E-04	1.00E-04
1.01974288	1.00E-04	0.84379946	1.00E-04	1.00E-04	2.20956791	1.00E-04
0.86498801	0.87456952	0.26971399	0.27748962	0.27569112	1.18371736	1.00E-04
1.00E-04	0.69779233	0.43532722	1.00E-04	0.35361075	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22818668	0.16130923	0.45413091	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3820571	1.41875121	0.40815283	1.00E-04	1.00E-04
1.19425038	1.00E-04	0.17384573	0.14107641	0.36863172	1.00E-04	1.00E-04
0.14284657	0.8358776	0.42862398	0.64510937	0.82430283	1.00E-04	1.00E-04
0.50445076	1.00E-04	0.3669108	0.33894769	1.00E-04	0.94543129	1.00E-04

0.45262125	1.00E-04	0.1882625	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84074509	1.00E-04	0.31295372	1.00E-04	0.21051935	1.00E-04	1.00E-04
0.30899116	1.00E-04	0.56280093	0.2764267	0.69784912	1.00E-04	1.5344211
1.00E-04	1.00E-04	0.25027413	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.2853608	1.43119313	2.67539569	1.00E-04	1.00E-04
2.16715724	1.00E-04	1.20229342	0.70186624	1.2982033	1.22667441	1.39570363
1.7754395	1.00E-04	1.43188296	0.6640395	1.25449437	1.00E-04	1.83334419
1.00E-04	1.00E-04	1.00E-04	0.08223591	0.22439215	1.66310261	1.93288166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80550432	1.00E-04	1.94507985	1.20353198	1.9442876	2.76085262	3.25864524
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0903597	1.00E-04	0.28492788	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79859262	1.00E-04	0.76004443	0.46140303	0.39077454	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55366777	1.00E-04	0.70118321	0.75928717	0.4202947	1.54459161	0.46517855
0.79512342	1.00E-04	0.31431894	0.29405938	0.52273604	1.00E-04	2.01115122
1.00E-04	3.32595191	0.12677303	0.63944229	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25006409	1.91334211	1.98163162	2.0538502	1.34497348	1.31443423	1.00E-04
1.00E-04	1.00E-04	0.26263377	0.08021281	0.21823167	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93528532	1.00E-04	0.0688269	1.00E-04	1.39499598	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54283161	0.87456952	2.29503342	1.55765829	2.27993148	1.39885208	1.58385275
1.00E-04	1.00E-04	0.06844824	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43168178	0.8339972	0.66100532	0.50238347	1.42179668	1.00E-04	1.00E-04
4.57185085	2.29157888	3.0457496	3.07274309	3.06153265	4.10030746	4.17244642
1.00E-04	1.00E-04	0.29379225	0.22116835	0.26528572	1.00E-04	1.00E-04
0.5245128	1.00E-04	0.07911744	0.17894904	1.00E-04	1.00E-04	1.00E-04
0.18403988	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00451885	0.10426514	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.79369123	0.35822993	0.39016335	2.20290877	1.00E-04
4.32361809	2.03140591	3.16428081	3.26522511	3.41121503	3.77157993	3.824819
3.37984415	1.00E-04	1.62822937	2.13890907	2.61434522	1.57570049	2.20219653
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14749497	0.10712804	1.00E-04	1.00E-04	1.00E-04
1.27137696	1.48854761	2.44592073	2.10801084	2.18893821	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34807332	0.34347704	0.14744713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34590288	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25623606	1.00E-04	0.19691537	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12658181	1.00E-04	1.33287537	0.81585402	0.64714584	0.97058651	1.00E-04

1.00E-04	1.00E-04	0.57096059	0.18269708	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64399799	1.00E-04	0.89002184	0.63383404	0.51812152	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27252374	0.32051342	0.67248165	1.00E-04	1.00E-04
1.00E-04	0.7902481	0.21304134	1.00E-04	0.14744713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.44167984	1.27719633	0.85065742	1.00E-04	1.00E-04
0.39161162	3.56973402	4.47073788	4.86637581	4.67486632	1.00E-04	1.00E-04
0.10260419	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8339972	0.6767675	0.42008468	0.47082624	1.00E-04	0.93074312
0.32909352	1.00E-04	0.36617703	0.13737782	0.17232922	1.00E-04	1.91677416
2.03674288	1.00E-04	0.35139995	0.76588079	0.77686006	1.51042251	0.72495184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3105362	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40038755
0.35292799	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27215247	1.00E-04	1.00E-04	1.00E-04	1.39021388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12399833	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.96655867
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30773885	1.00E-04	0.49880528	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.95365369	0.47012267	0.69537433	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.46029896	0.08871613	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07008263	1.00E-04	1.00E-04	1.00E-04
0.47129872	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22414429	1.00E-04	0.37133776	1.00E-04	0.1216717	0.95102466	1.00E-04
0.47996286	1.00E-04	0.461641	0.47944627	0.30204205	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41186471	1.00E-04	0.91244854	0.28128417	0.71566325	0.77057821	1.54303695
1.00E-04	1.00E-04	0.14427195	0.32462707	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39845595	1.54977767	2.27625344	2.24166633	2.16607792	1.00E-04	1.39068707
1.00E-04	1.8067141	2.78135797	2.93010419	2.75452777	1.00E-04	1.00E-04
1.2997285	4.29811649	5.10914332	5.37747354	5.60953336	1.23405597	1.00E-04
0.83646878	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.25583846	2.49957003	2.62441708	3.14572622	1.54481655	1.00E-04
0.96641381	0.8339972	0.50168222	0.34305912	1.05430921	1.26415461	1.00E-04
1.00E-04	1.00E-04	1.27858254	1.09237421	0.79703208	1.00E-04	1.00E-04
1.05868123	1.00E-04	0.21078986	0.11701955	1.00E-04	1.00E-04	0.72495184
0.71720404	1.75690388	2.18675605	2.23852176	1.36151646	1.00E-04	1.00E-04
0.65195798	0.8358776	1.85861624	1.86964886	1.44784753	1.00E-04	1.00E-04
1.11452195	1.00E-04	1.15836613	0.8419756	1.60273502	1.00E-04	1.26389675
0.66770751	0.8358776	1.09794278	1.40030668	1.18624322	1.00E-04	1.00E-04
0.67102582	1.00E-04	0.38627263	0.24691173	0.32565535	1.60229378	1.00E-04
1.00E-04	0.79637057	1.00E-04	1.00E-04	0.14461624	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27600248	0.29771904	1.00E-04	1.00E-04	1.00E-04
2.66166701	1.18919506	1.20399671	2.50930312	1.59926291	1.67823584	2.09806639
0.09838717	1.31600343	2.24302943	1.29376165	1.57781108	0.46029024	2.40166354
0.32746203	1.00E-04	0.08510088	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.42946245	0.5384464	0.48668229	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11726188	0.34186652	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07670308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12696973	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26270913	1.00E-04	0.39230272	0.17899491	0.36241795	1.0281643	1.00E-04
1.00E-04	1.00E-04	0.09060953	0.2703811	0.09550581	0.93702359	1.00E-04
0.27293106	1.00E-04	1.00E-04	1.00E-04	0.55057782	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81996147
1.24322939	1.00E-04	0.37829555	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36118306	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.41291986	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87202054	0.68407235	0.59439518	0.49462659	0.7825911	1.61948352	1.73471101
1.09680456	1.00E-04	1.00E-04	0.14107641	0.18420248	1.00E-04	1.90617351
1.00E-04	1.00E-04	0.28123102	0.08710603	0.36957028	1.00E-04	1.5862806
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64164722	1.00E-04	1.00E-04	1.00E-04	0.09704178	0.86319656	1.00E-04
1.00E-04	1.00E-04	0.3054816	1.00E-04	0.38036494	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13338607	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88198661	1.00E-04	1.86829655	1.84933607	1.24484852	1.00E-04	1.00E-04
0.81172678	1.00E-04	0.50443914	1.68967523	0.17707887	1.00E-04	1.00E-04
0.31608765	1.00E-04	0.50705102	0.21458255	0.42854057	1.68580638	1.00E-04
2.60945927	1.00E-04	1.00389886	1.80608413	1.64754982	1.99305668	1.00E-04
0.57192861	1.00E-04	1.00E-04	0.28035134	0.27824583	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07379282	0.23627424	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	0.14980627	0.08321284	1.00E-04	1.00E-04	1.00E-04
1.59276814	1.00E-04	1.00E-04	0.08431423	1.00E-04	0.88323491	0.94970493
1.42886316	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83083207	0.86789477
1.00E-04	1.00E-04	0.56878842	0.51686135	0.30562664	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07375842	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.51341312	1.00E-04	0.64340224	0.62137303	0.86450685	0.88297287	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08710603	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1707836	1.00E-04	0.71804414	1.64747044	0.92425127	0.86494787	2.28312141
1.00E-04	1.00E-04	0.38263691	0.47451195	0.28561844	1.00E-04	1.00E-04
1.12465537	1.30842654	1.2145362	0.81835705	0.32736992	1.75791089	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13888725	1.00E-04	0.39877798	0.20087292	0.10452963	1.00E-04	1.7487685
1.00E-04	1.00E-04	0.96664536	0.35991322	0.17301519	1.00E-04	1.00E-04
1.55581734	1.00E-04	1.13674301	0.15065038	0.63470781	0.89799762	1.5212218
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56304251	1.00E-04	0.25977948	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.44758926	1.00E-04	0.4814832	0.19682115	0.61376769	1.30116089	1.00E-04
1.00E-04	0.7902481	1.00E-04	0.08509915	0.14152107	1.15781278	1.00E-04
0.47520325	1.00E-04	0.17909855	0.12223151	0.17713548	1.15464519	1.00E-04
1.00E-04	1.00E-04	0.27696957	0.17811036	1.00E-04	0.85260137	0.9583037
2.33777978	2.27801923	2.03568076	1.92109295	2.53119643	2.02042827	1.91301019
1.62192485	1.00E-04	1.37762608	1.18530102	2.31522498	1.46021335	1.01194579
0.55733115	1.00E-04	0.50326565	0.27572231	0.43017915	1.00E-04	0.35134699
0.0746918	0.72877389	1.17241362	1.48298088	0.58438242	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1025689	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12129306	1.00E-04	1.00E-04	1.00E-04
0.33206433	1.00E-04	0.24619325	1.00E-04	0.32823581	1.00E-04	1.00E-04
0.19336288	1.00E-04	0.23677456	0.60318059	0.47536017	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74506998	1.01871213	0.58500503	1.21268933	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30074705	1.00E-04	1.48866571	0.97053807	0.4080321	1.00E-04	1.00E-04
1.54975972	1.00E-04	0.49200938	1.25411679	1.23614473	1.28787782	1.52415619
0.66061111	2.72904506	3.67003848	3.15759524	3.13570397	1.00E-04	1.00E-04
0.47251737	1.00E-04	0.80704262	0.08431423	0.50837636	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.72859992	0.16054699	1.00079096	1.00E-04	1.00E-04
0.64901915	1.00E-04	0.49437919	0.09660285	1.00E-04	1.00E-04	1.00E-04
0.39457921	1.00E-04	0.09880717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27990923	0.7902481	1.72172078	1.05463851	1.30803757	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.14980627	0.11808269	0.09550581	1.00E-04	1.00E-04
0.79363968	1.00E-04	0.47913721	1.00E-04	0.08815268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0848519	0.22562086	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.57630791	0.09375359	1.00E-04	1.00E-04	1.00E-04
0.18229661	1.00E-04	0.46042438	0.20008209	1.00E-04	1.14573777	1.51619488
1.00E-04	1.00E-04	0.63058198	0.34373434	1.00E-04	1.00E-04	1.00E-04
0.06336707	0.74506998	0.30756101	0.08321284	0.19056315	1.00E-04	1.00E-04
0.3894917	1.00E-04	0.32066896	1.50676315	0.39116321	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12696973	0.10843982	1.00E-04	1.00E-04	0.94970493
0.24286172	1.00E-04	1.11763873	0.41423437	0.68640018	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.84331839	0.6278028	0.53683993	1.00E-04	1.00E-04
2.4666258	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35665693	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.31799764
1.00E-04	1.00E-04	0.10416762	1.00E-04	1.00E-04	1.00E-04	1.01864576
1.00E-04	1.00E-04	0.72608278	0.16334454	0.127027	1.00E-04	1.00E-04
3.00439778	1.76981658	1.85492486	1.9037257	2.21043197	2.98417426	2.77347423
0.33385759	1.00E-04	0.61273518	0.11606138	0.09802713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13909974	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55739213	0.68407235	1.82419396	1.40218228	1.65866227	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.56668914	0.29490272	0.558147	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13013465	0.09565186	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17818339	0.14107641	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.52656086	0.94501308	0.19089153	1.00E-04	1.00E-04
1.45543069	1.00E-04	0.59899407	0.70317284	0.71568884	1.79598711	1.93206847
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63230861	1.00E-04	0.46489582	0.25244086	0.26815212	0.72869785	0.82486735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.21640771	1.16996388	2.01400746	2.40872275	1.00E-04	1.00E-04
0.69345669	0.71640521	1.96291036	1.43844775	1.82016794	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09402275	1.00E-04	0.38983746	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62567961	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77983154	1.00E-04	0.71000386	0.34385226	0.61957757	2.26525819	1.95086381
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94892459	1.00E-04	1.00E-04	0.87386361	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.09019368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26359787	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19082602	1.00E-04	0.11678318	0.25205247	0.1685492	1.00E-04	1.00E-04
10.2805316	12.0191746	11.0431904	11.1640621	11.2056812	11.2309641	11.0577379
1.00E-04	0.79637057	0.1657478	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.24043848	0.6841091	0.4267083	1.00E-04	1.00E-04
0.35819933	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09703757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.65374659
1.00E-04	1.00E-04	0.37621407	0.441153	1.69082872	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.79653845	1.00E-04	0.11466092	0.25962748	0.90637859	1.00E-04	1.294807
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.20679676
0.41342578	1.00E-04	1.00E-04	0.18315065	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2196067	1.00E-04	1.00E-04	0.23258528	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39457921	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48525714	1.00E-04	1.60528828	1.64462153	1.16763281	1.05970842	1.90046071
0.21163578	1.00E-04	1.30815359	2.31866128	2.15300444	1.51042251	1.00E-04
0.06759249	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08223591	1.00E-04	1.00E-04	1.00E-04
1.09168322	1.00E-04	0.06504071	0.38858727	0.31144334	1.00E-04	0.84167817
1.00E-04	1.00E-04	0.26233277	0.19340178	1.00E-04	1.00E-04	1.00E-04
2.74531863	1.00E-04	2.01341641	1.21269815	1.20335461	2.54150676	2.70243393
0.11105565	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1718811	0.2234657	1.00E-04	1.00E-04	1.00E-04
1.126194	1.00E-04	0.15485705	1.28713638	0.28806383	1.00E-04	1.48401922
1.00E-04	1.00E-04	0.33798976	0.12143419	1.00E-04	1.00E-04	1.00E-04
0.77654896	1.00E-04	0.11605641	0.42051618	1.23471554	1.00E-04	1.00E-04
1.00E-04	0.76524107	0.63090811	0.66720559	1.65428847	1.00E-04	1.00E-04
1.29638703	1.00E-04	1.00E-04	0.14107641	0.13631278	1.00E-04	0.79268955
1.00E-04	1.00E-04	1.00E-04	0.15450124	1.00E-04	1.00E-04	1.00E-04
3.41412222	1.94392815	3.16913282	3.66298438	3.2023162	3.42772954	2.81887212

0.2675694	1.00E-04	1.00E-04	0.32836532	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.79637057	0.35865741	0.162692	0.10423273	0.94371668	0.83430531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07593463	1.00E-04	0.1253092	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38109596	0.7902481	1.28936181	0.74533512	0.73908034	1.00E-04	1.00E-04
1.32126487	0.79637057	1.65708683	0.96232189	1.20160403	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26429471	0.74506998	1.41453298	1.37036428	1.41876136	1.6432493	0.7551454
1.00E-04	1.00E-04	0.64586864	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.05903671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.81694789	2.27801923	0.71222402	0.366927	0.67594593	1.37314883	1.75465264
0.17050085	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52120562	1.00E-04	0.40378894	0.15845674	0.12748672	1.00E-04	1.00E-04
0.4233919	1.00E-04	1.00E-04	0.17895306	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.58689561	1.00E-04	1.00E-04	1.00E-04
1.90931935	0.71640521	1.41284998	1.07247864	0.84749003	2.61851492	2.35520754
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01401884	1.00E-04	0.72933545	1.73118873	0.44547915	1.00E-04	0.35134699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34464004	1.00E-04	1.00E-04	1.00E-04	0.09759627	0.94908439	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54912846	1.00E-04	0.19693831	0.45134035	0.44547915	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17987844	0.16411766	0.09863458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.62135987	0.79059387	0.12945	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65319976	1.00E-04	0.37683589	0.44880031	1.00E-04	2.0295397	1.79383849
1.34757337	1.00E-04	1.17724469	1.15211615	1.51645309	0.81755274	1.00E-04
1.00E-04	1.00E-04	0.75194796	0.22526638	0.29696694	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22985222	0.13737782	0.29690018	1.00E-04	1.00E-04
0.42210151	1.00E-04	0.71354905	0.24935038	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22067872	1.00E-04	0.64969654	0.18315065	0.15507585	1.00E-04	1.294807
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25168151	1.00E-04	1.00E-04	0.08321284	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.20868015	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39048575	1.00E-04	0.07348386	0.10902669	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35067878	1.00E-04	1.00E-04	0.17403714	0.11711669	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20931032	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06649866	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11494356	1.2795411	1.90750049	1.29401148	1.34272282	1.00E-04	0.93074312
0.68979959	1.00E-04	0.54233252	0.32622607	0.10894346	1.00E-04	1.00E-04
1.81067866	0.7902481	1.46389422	2.71598405	1.65391153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.42587391	0.82544843	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09983193	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.09322287	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.22609225	1.90683208	0.9892907	0.94960627	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16704206	0.13820197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23516859	1.00E-04	1.00E-04	1.87818416	1.15573112
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09565186	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13088155	0.09814195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08431423	1.00E-04	1.00E-04	1.00E-04
1.52929111	1.76406818	1.74862659	1.57960494	1.54133629	1.72482066	2.41162011
1.00E-04	1.00E-04	1.00E-04	0.11130594	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21598181	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16484259	1.00E-04	0.37511515	1.00E-04	0.55264498	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24549036	1.00E-04	0.37817039	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09880717	1.00E-04	0.17989602	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41477062	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.39004376	1.22644621	2.91189541	2.64569511	2.54780683	3.68414996	2.04249225
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55708247	3.00755962	4.02846953	3.12467173	3.33024682	3.69152008	3.56412664
1.00E-04	1.00E-04	0.13729064	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38238208	1.00E-04	1.00E-04	0.89413183	0.13025542	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27755829	1.00E-04	0.67627084	0.98172597	0.16535001	1.18042507	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24517538	1.00E-04	0.20376324	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0746918	1.00E-04	0.5339793	0.17164278	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10484578	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14749497	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.86747553	0.32844701	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25761672	1.00E-04	0.20824612	1.00E-04	1.00E-04	1.23405597	1.00E-04
1.00E-04	1.00E-04	0.51545625	0.45012978	0.53447693	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08871613	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06816182	1.00E-04	1.00E-04	1.00E-04
0.06336707	1.00E-04	1.00E-04	0.12271058	0.43626882	1.00E-04	1.00E-04
0.86444238	1.00E-04	1.00E-04	0.2426523	0.39178779	1.00E-04	0.41275046
0.42210612	1.00E-04	0.13338607	0.43816849	0.36293525	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.45421862	0.67152625	0.44362893	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94539729	1.00E-04	0.17262195	0.18315065	1.00E-04	1.00E-04	1.21902836
0.74904863	1.00E-04	0.58056459	0.24328885	0.12694344	1.44286217	1.00E-04
2.65921274	1.54961544	2.11869484	2.22225437	1.44884894	2.74040878	2.27390085
1.75653545	0.72877389	0.63228353	0.76605119	0.99260951	1.29177388	1.39686577
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37280255	0.87456952	1.31118161	0.64867271	1.26866047	2.06690503	1.51837288
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52065111	1.00E-04	0.53003831	0.38597565	1.75350639	1.61649404	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25961478	0.15455675	0.10894346	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08280154	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40038755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0575112	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95102466	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.09055109
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44584859	1.00E-04	0.19952376	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.40173156	1.00E-04	1.37736637	0.80545926	1.03397842	1.69457693	2.52774326
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10116508	0.8339972	1.54530993	1.90237121	1.3586768	1.03647332	0.97522957
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22888881	1.00E-04	0.12694344	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.36170816	1.00E-04	1.00E-04	0.97058651	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13390784	1.20118902	0.79634669	0.51672698	0.29853629	1.7590153	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35207885	1.00E-04	0.98788685	0.77809628	1.04095176	2.63452784	2.22482568
0.2712885	1.00E-04	0.40549399	0.34186166	1.65386232	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15720559	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09790117	0.10702905	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11605641	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13631278	1.00E-04	1.00E-04
0.21723843	1.00E-04	0.15003529	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10142528	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26838227	1.00E-04	0.81986978	1.03647332	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16437031	1.00E-04	0.09019368	1.00E-04	0.36453255	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11017854	1.00E-04	0.15316033	1.00E-04	0.32412279	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11105565	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17385489	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76006386	1.00E-04	1.00E-04	1.00E-04	0.17638133	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40036867	1.00E-04	0.7250864	0.18958634	0.41888531	1.00E-04	1.00E-04
2.02824789	1.00E-04	1.77786972	1.8334041	1.08679288	2.58648572	1.7074012
0.94325539	1.00E-04	1.53988856	1.50954647	1.46022231	1.76034761	1.20105707
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47251737	1.00E-04	0.09618263	0.17403974	1.78019475	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80712096	1.00E-04	0.97805085	0.84148078	1.29769218	1.00E-04	1.32208337
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10446198	0.7902481	2.00104154	2.50112931	1.63619714	1.91774778	1.27105577
1.00E-04	1.00E-04	0.06423036	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32597727	0.74506998	2.35372561	1.87498433	2.16827167	1.98635038	3.28579838
1.70901319	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21380489	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.63502822	1.17452218	0.62490233	0.66442971	0.78484975	1.16464358	1.56225213

2.23295097	1.00E-04	1.00E-04	0.11701955	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33385759	1.00E-04	1.23207614	1.32436651	1.22032026	1.00E-04	1.00E-04
0.50414421	1.00E-04	0.10928185	0.25328854	1.00E-04	1.00E-04	2.21511466
5.89511933	3.95357663	3.90151554	5.18314256	5.3705112	0.83873894	3.60500303
3.53018966	1.85768931	3.01489325	2.85038329	2.72188241	2.75323316	2.8707823
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08218983	0.22019057	0.2106169	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13557372	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.4401409	0.27060688	0.86379449	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18932292	0.23273974	0.33566676	1.00E-04	1.00E-04
2.22860809	1.00E-04	1.071282	0.81964599	0.86926766	1.62580673	2.96414703
0.2880959	1.00E-04	0.56025116	1.09602205	0.62591386	0.94908439	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.6942718	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.31397102	0.74506998	1.61829663	1.07488984	1.12915306	1.62296482	2.20498363
1.96621332	1.00E-04	1.9044335	1.96460004	2.95976342	1.99765302	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09545996	1.00E-04	0.11711669	1.00E-04	1.00E-04
1.17257359	1.00E-04	1.00E-04	0.15630471	1.00E-04	1.103099	1.32157107
0.32727626	1.00E-04	0.08961241	1.00E-04	0.83937703	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1304964	0.08952278	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00440906	1.00E-04	0.21710081	0.42476107	0.11078928	0.94908439	1.00E-04
0.52120562	1.00E-04	0.07593463	0.11614357	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35404633	0.10087646	1.00E-04	1.00E-04	0.62168103
2.06881472	1.00E-04	1.30500949	1.16296226	2.02842363	1.22399854	2.58203317
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36564944	1.00E-04	1.31167077	0.71617909	0.54572249	1.00E-04	0.49725191
1.00E-04	0.8358776	1.00E-04	0.12271058	0.12233227	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22546701	1.00E-04	0.39934899	0.35617265	0.32119299	2.26196454	0.94970493
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16978193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33876591	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8083708	0.8358776	1.9005384	1.06114607	1.76395471	0.82884172	0.62168103
0.11017854	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.78451471	1.94363281	2.71026498	3.20229478	2.12748252	1.51090343	1.67760504
1.00E-04	1.00E-04	1.00E-04	0.11606138	0.45183453	1.00E-04	0.86789477

0.88906482	1.00E-04	0.19034175	0.16130923	1.00E-04	1.87313155	0.68773152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23239792	1.00E-04	1.00E-04	0.27299221	0.56551785	1.00E-04	1.00E-04
0.09976055	1.00E-04	0.34180708	0.19191453	0.18255603	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07488174	1.00E-04	1.00E-04	1.00E-04
0.36611105	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.45342068	3.51373722	4.18717748	4.0494606	1.00E-04	1.00E-04
0.20163259	1.00E-04	1.00E-04	0.52566988	1.00E-04	1.00E-04	0.40038755
0.06301971	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81755274	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.60010163	0.23180367	0.22314105	1.00E-04	1.00E-04
0.72267075	0.74506998	0.25355585	0.28687008	0.36861364	1.00E-04	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60754046	0.87612072	0.14140428	0.29405592	0.19524902	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70638194	1.00E-04	0.16611617	0.31406582	0.33520386	1.00E-04	1.00E-04
1.50034783	1.19089243	2.21488067	1.74175408	1.59037604	1.00E-04	1.86435342
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16064588	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73844761	1.00E-04	1.00E-04	0.08852014	0.13820197	1.00E-04	0.83430531
0.27316129	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73814235	1.00E-04	0.31317393	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91389615	1.00E-04	1.78760311	0.72704761	1.22338874	1.00E-04	1.32157107
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22314105	1.00E-04	0.93074312
1.66507772	1.00E-04	1.32249726	1.54541784	1.51131972	1.54978149	0.48671447
2.33469815	1.46718893	2.76536389	3.37377123	3.05395157	1.00E-04	0.97522957
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11393665	1.00E-04	1.00E-04	0.08871613	1.00E-04	1.00E-04	1.00E-04
0.38385694	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07299269	1.00E-04	0.17232922	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24194431	1.00E-04	1.00E-04
2.57789415	1.21780923	1.70914161	1.68522742	1.63013407	2.12269562	2.57231779
1.00E-04	1.00E-04	2.27408418	2.31877609	2.72100366	1.00E-04	1.00E-04
1.00E-04	1.19089243	2.37728925	3.22398354	3.40956458	1.00E-04	1.5595514
0.23374008	1.67414997	0.7902262	0.45776867	0.25268096	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.47074025	1.00E-04	1.00E-04	1.00E-04	0.57650548	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08510088	1.00E-04	0.14566556	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08746931	1.00E-04	1.00E-04	1.00E-04	0.82486735
1.00E-04	0.79637057	0.12619197	0.50476051	0.15169238	1.00E-04	1.26389675
1.27265244	1.98813923	1.59333547	1.55942653	1.32348625	1.00E-04	1.31958884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.51619488
1.55022683	1.39178539	1.14534796	0.59640589	0.59598031	1.56996472	1.77295937
0.78166933	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0746918	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44620668	1.00E-04	1.00E-04
2.22803545	0.68407235	2.26142893	2.70381943	2.16919992	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11299645	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02871409	1.00E-04	0.12463834	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.28820729	0.20989126	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07577735	1.00E-04	1.00E-04	1.00E-04
1.5735511	1.00E-04	0.15061978	0.18269708	1.00E-04	2.31378105	1.00E-04
1.09691588	0.87456952	0.75695951	1.3020574	0.6666472	0.95102466	1.00E-04
1.00E-04	1.00E-04	0.59200416	0.46616574	0.25623663	1.00E-04	1.00E-04
1.71886649	1.00E-04	1.15330254	0.76326135	0.89786877	2.58051221	1.55361966
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75680113	1.00E-04	0.31273267	0.1285221	1.00E-04	1.7229935	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70334215	1.97089983	0.95495392	0.87558799	1.81372606	2.44612896	1.75238988
1.00E-04	1.00E-04	1.1775875	0.68847569	0.62542181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14590176	1.00E-04	0.36364116	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1430496	1.00E-04	1.00E-04	1.00E-04	0.17713548	1.00E-04	1.00E-04
0.46538234	0.74506998	0.84261242	0.29337648	0.91246048	1.00E-04	1.00E-04
0.33206433	1.00E-04	0.44878375	0.12615384	0.27209761	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.59509878	1.00E-04	0.81006058	0.40746235	0.92513403	1.24983373	1.04550981
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31751473	1.00E-04	0.14749497	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18315065	0.19681031	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12343101	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.07150364	2.21909181	1.79804968	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09550581	1.00E-04	1.00E-04
2.74166839	2.05051469	2.99893493	2.67494578	2.94580702	2.8157182	2.73912912
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17232922	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53452586	1.00E-04	1.00E-04	1.00E-04	0.22907126	1.00E-04	1.00E-04
0.42609047	0.69779233	0.07963459	0.3148856	1.00E-04	1.00E-04	1.00E-04
0.4158627	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.96342695	2.74184209	3.10771019	3.01465692	2.94386981	2.36481308	3.62552875
1.00E-04	0.69779233	0.24654739	0.2262221	1.00E-04	1.00E-04	1.00E-04
0.69728957	0.71640521	1.86698724	1.75586781	1.81403591	1.35241441	0.316869
1.17168712	1.50851539	2.03055541	1.22699231	1.33520424	0.88323491	0.79505536
1.48300923	1.53155516	2.34146693	1.87484816	1.85262245	3.98797947	2.59566908
1.50666016	1.00E-04	1.00E-04	0.21979778	1.02024535	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08074249	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1343207	1.00E-04	1.00E-04	1.00E-04	0.17232922	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09863458	1.00E-04	1.00E-04
0.29969418	1.00E-04	0.09545996	0.21960674	0.22881282	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55835433	1.00E-04	0.21262691	1.00E-04	0.14461624	1.00E-04	0.49725191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01198933	2.29423199	2.355294	1.44488359	1.69966786	2.35024192	2.37843453
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72258389	2.17639637	2.86231201	2.27760556	2.67431145	1.47886369	2.86509102
0.45730356	1.00E-04	1.60249365	0.50106326	0.26542379	1.00E-04	1.00E-04
2.38348174	1.00E-04	1.59287397	1.18305328	1.94343227	1.50181633	1.58608049
0.3105362	1.00E-04	0.19846846	0.21964817	0.11344173	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30709899	0.06816182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08167072	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34735211	1.00E-04	0.11344173	1.00E-04	1.00E-04
1.13699473	1.3386578	1.28115963	1.02704248	1.09802554	1.103099	1.53712117
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09322287	0.13809049	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19207974	1.28352536	1.17854314	1.05893925	0.91269094	1.103099	2.05173644
0.12636275	1.00E-04	0.0759014	0.09749395	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61657082	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10444449	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47423006	1.00E-04	0.67957365	1.16627838	0.21404561	1.00E-04	1.00E-04
1.79806095	2.45064173	2.91805236	2.61888514	2.61521229	2.51059533	3.2689755
0.7957341	0.74506998	1.09704157	0.6718143	1.18769046	1.00E-04	1.00E-04
0.21280737	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94543129	1.00E-04
1.00E-04	1.00E-04	0.26798726	0.30686631	0.75479946	3.11188293	2.47097299
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09927308	1.00E-04	1.00E-04	1.00E-04	1.14061365
2.11805141	0.8339972	1.30839377	1.04615805	1.02106216	1.80619199	1.81124656
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.38107139	0.24540587	0.09511513	1.00E-04	1.69998633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30923131	1.00E-04	0.92868572	0.84333295	0.53774447	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.63953965	0.37768469	0.18745876	1.07509624	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09393249	1.00E-04	1.103099	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28791855	0.22373286	1.71596464	1.00E-04	1.00E-04
0.86312551	1.00E-04	1.00E-04	0.80324838	0.2950305	1.00E-04	0.62168103
1.00E-04	1.00E-04	0.07348386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.61878891	3.33183542	3.63124049	3.2936717	3.37583358	3.373672	3.43372857
0.26429471	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79087407	1.00E-04	1.00E-04	1.00E-04	0.1685492	1.00E-04	1.88335611
0.65956556	1.00E-04	0.77284074	1.00E-04	1.00E-04	1.00E-04	1.18453576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11711669	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33471618	1.00E-04	0.35877315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01001144	1.00E-04	1.22883426	1.85310621	1.34895706	2.5492793	1.45479755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0660185	1.00E-04	0.09915619	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44610933	1.00E-04	0.08326693	0.16889937	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.58124053	1.00789421	1.74238713	0.68195158	1.00E-04	1.00E-04

1.24570316	2.00694983	2.30631598	2.01148347	2.13038704	1.55558805	1.80669673
1.39357471	1.00E-04	1.555685	2.01045108	1.42632881	0.85260137	1.28439123
1.00E-04	1.00E-04	0.59198108	0.16903086	0.51735853	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23951185	0.17403929	0.47636271	0.82693741	1.37041131
1.00E-04	1.00E-04	1.00E-04	0.1318993	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09322287	1.00E-04	0.35825966	1.00E-04	1.00E-04
0.81503069	1.3386578	1.13665049	0.97650634	1.33088367	1.590541	0.8894765
2.3683429	2.66115135	2.71219348	2.42703819	2.24478684	2.61462483	1.24396022
0.63815311	1.00E-04	0.62252663	0.51247879	0.88507493	0.93702359	1.42551458
1.00E-04	1.00E-04	0.08093755	0.20382084	0.18420248	1.00E-04	1.23230576
3.04331204	1.00E-04	2.27307288	2.47411805	2.55640732	1.22667441	2.56702437
0.27611176	1.00E-04	0.91231362	0.94014638	0.61247214	1.00E-04	1.3282665
2.33499267	3.45892666	3.16314123	2.57152142	2.80093481	2.44979373	2.97504208
0.51502029	0.69779233	0.30393462	0.30896275	0.63483838	1.00E-04	1.07063054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28096859	1.00E-04	0.49725191
1.00E-04	1.00E-04	0.14644598	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40281742	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57913554	1.00E-04	0.25994326	0.21437499	0.20347436	1.84222639	1.00E-04
1.96784051	1.00E-04	2.19472217	1.45298828	1.6441661	2.63915795	1.58497069
0.60331302	1.1971089	1.34480995	0.94062715	0.88055002	1.96190218	1.71292983
0.11017854	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.30563563	1.00E-04	1.00E-04	1.00E-04
0.76183763	3.05126992	3.58389595	2.90042342	2.85643454	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13781744	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88793137	1.00E-04	1.00E-04	0.2396494	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0825412	0.26031669	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09322287	1.00E-04	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68407235	0.16773104	0.22221012	1.2752774	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37490806	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22392752	0.09550581	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06301971	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75059037	0.92068596	1.0926793	1.71003137	1.19239305	1.00E-04	1.153275
3.0009715	0.8358776	1.06605065	1.63370162	2.44676562	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12463834	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2168031	1.57047898	1.84683243	1.90485715	1.28233069	1.15464519	0.78143134
0.31044523	1.00E-04	0.37204841	0.08509915	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.19880434	1.86429809	1.15448592	0.9443168	1.00E-04	1.00E-04
2.28188192	1.00E-04	1.18554123	0.82519281	1.75885397	1.98596051	2.24673309
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23856499	0.11808269	1.00E-04	1.00E-04	1.00E-04
0.344714	1.00E-04	1.00E-04	0.08431423	0.14455498	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0903597	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.30530732	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.56350948	0.94682213	0.78654463	0.59826472	1.00E-04	1.00E-04
0.70650212	1.21780923	2.19854438	1.57630211	2.19359898	0.77057821	1.00E-04
0.2157103	0.69779233	0.96689582	1.48514315	1.56828499	1.00E-04	0.41275046
0.97744638	1.1377045	0.45272132	0.56911643	0.49338149	1.47198839	0.7214142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.75824886	0.171335	0.26669134	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.84414315	1.40887921	1.48429898	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2376753	0.17001901	1.00E-04	1.00E-04	1.00E-04
0.37608527	1.00E-04	1.74209101	1.59248913	1.6579682	1.00E-04	1.60204671
1.76317198	1.00E-04	0.64066324	0.72316462	1.33332327	0.68203783	1.72926911
0.44770202	1.00E-04	1.07059684	1.06021739	1.26216453	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.21144097	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68407235	0.9081436	1.00E-04	0.34854139	1.81308065	1.00E-04
1.36434494	1.00E-04	0.11726188	1.00E-04	0.15290548	1.00662024	1.61857723
1.00E-04	1.00E-04	1.00E-04	0.074384	1.00E-04	1.00E-04	1.00E-04
3.47928683	1.00E-04	1.28735399	1.38427818	0.66272876	1.38300376	2.36288545
1.00E-04	1.00E-04	0.33258419	0.18112213	0.1253092	1.00E-04	1.00E-04
1.34175177	1.00E-04	0.21312675	0.16064476	0.23192452	1.31151447	1.00E-04
0.90628554	1.00E-04	0.8040266	0.68728441	0.68295615	0.79838122	1.09055109
1.00E-04	1.00E-04	0.15364139	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27320265	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.32502897	4.45861434	3.50793492	3.89174089	1.00E-04	1.00E-04

0.43060091	1.00E-04	1.00E-04	0.60393949	1.00E-04	1.00E-04	1.00E-04
0.12491829	1.00E-04	0.58424398	0.1010866	0.13820197	1.19160451	0.93074312
0.66875014	1.00E-04	0.33085635	0.3970869	1.00E-04	0.86494787	1.00E-04
1.72882224	1.00E-04	1.03807635	0.56075272	0.71137078	1.00E-04	1.07063054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08716682	1.00E-04	0.06423036	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29969418	1.00E-04	1.00E-04	1.00E-04	0.16978193	1.00E-04	1.00E-04
0.51846024	1.00E-04	0.70621929	0.51988455	1.83808285	1.00E-04	1.00E-04
0.40365157	1.00E-04	0.41342275	0.30254822	0.09863458	1.33319968	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57389382	1.00E-04	1.73892524	1.05542295	0.99133387	1.05970842	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12988431	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.19328216	1.00E-04	1.00E-04	1.00E-04
0.16967021	1.00E-04	1.00E-04	0.60415763	1.09628439	1.00E-04	1.00E-04
1.56182511	1.00E-04	0.62441282	0.1053363	0.08815268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13098198	1.00E-04	0.81245127
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7963325	1.00E-04	0.46317736	1.00E-04	0.10813686	1.48875348	1.91831154
0.20399708	2.28225272	3.42949501	3.14280507	2.9585315	1.00E-04	1.00E-04
1.51412752	1.00E-04	0.61685471	0.83900091	1.79639128	1.06582712	2.00154725
0.95854442	1.00E-04	0.0741193	0.47999709	0.59468323	1.00E-04	1.00E-04
0.41566031	0.8339972	1.18419524	1.91865471	1.37252148	1.00E-04	0.35134699
0.20163259	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35438451	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.56009728	1.00E-04
0.34948596	0.7902481	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54153954	1.00E-04	0.93787501	0.13831052	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.58689561	1.00E-04	1.00E-04	1.00E-04
0.19863166	1.00E-04	0.12463834	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11808269	1.00E-04	1.00E-04	1.00E-04
0.07341779	1.00E-04	0.17041343	0.19171639	0.11946472	1.00E-04	1.00E-04
0.11219505	1.00E-04	0.60338104	0.52380594	0.26666816	1.00E-04	1.00E-04
0.89437628	1.42416505	1.44125324	1.21851293	1.5178103	1.12978361	1.82531699
0.2528596	1.00E-04	0.26937932	1.00E-04	0.15882988	1.00E-04	1.40624424
1.00E-04	1.00E-04	0.13781744	0.22288741	0.22881282	1.00E-04	1.00E-04
0.14284657	1.00E-04	1.00E-04	0.5538698	0.17301519	1.00E-04	1.65374659
1.00E-04	1.00E-04	1.00E-04	0.22741384	1.39996923	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.6683268	1.23877811	0.89358931	1.00E-04	0.46517855
0.28701805	1.00E-04	0.55459585	0.37205136	0.52375531	1.00E-04	1.40624424
0.27183643	1.00E-04	0.43120674	0.09290426	0.24960621	1.37621432	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.40657932	0.47156428	0.14566556	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93089042	0.87612072	2.68505117	2.31623484	2.8913843	1.00E-04	2.69685449
1.00E-04	1.00E-04	0.17384126	0.08823908	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37557655	1.00E-04	0.09704178	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.58048877	2.46310406	3.16743517	2.65435289	2.97183576	1.00E-04	1.27708388
1.00E-04	1.00E-04	0.15048636	0.19674875	0.3031049	1.00E-04	1.09055109
0.25168151	1.00E-04	1.00E-04	1.00E-04	0.21404561	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23567668	0.38904253	0.5957111	1.00E-04	1.00E-04
0.344714	1.00E-04	0.09495869	0.09660285	1.00E-04	1.00E-04	0.81996147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39663377	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.94261267	1.25583846	2.41699386	2.02281308	2.35523466	3.25449911	3.64569891
0.48785002	4.05452692	4.41023367	4.0743952	4.12404215	1.00E-04	1.00E-04
0.43435811	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15771706	1.00E-04	0.17997098	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6126678	0.74506998	1.28226707	0.51983534	0.70733733	1.08377222	1.00E-04
1.00E-04	1.00E-04	0.08510088	0.13046994	1.00E-04	0.68203783	1.00E-04
1.85256991	1.00E-04	0.89359044	0.57963625	0.2779383	1.00E-04	2.04470681
1.00E-04	1.00E-04	0.72699824	0.11299645	1.00E-04	1.00E-04	1.00E-04
0.26333985	1.00E-04	0.32214843	0.12271058	0.12694344	1.00E-04	1.00E-04
0.85855863	1.00E-04	0.49344541	0.1652839	0.20948769	1.53336367	0.49725191
0.4576517	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.39686577
1.00E-04	1.00E-04	0.50320738	1.00E-04	0.09550581	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12619197	0.27392851	1.00E-04	1.00E-04	1.00E-04
0.25106969	1.00E-04	1.00E-04	0.09290426	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34780439	1.00E-04	0.127027	1.00E-04	1.00E-04
0.25224736	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17124941	1.00E-04	0.09402275	0.06796023	0.08916315	1.00E-04	1.00E-04
1.34948878	1.00E-04	0.18483345	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17124941	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43060091	1.00E-04	0.64960662	1.00E-04	0.14478141	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.32566133	0.73433564	0.21125972	0.78141142	0.40038755
1.00E-04	1.00E-04	0.23717099	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.27296251	1.08649412	2.61025361	2.6540747	2.62390563	2.53521495	2.78830338
1.00E-04	1.00E-04	0.09485785	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61412423	1.00E-04	1.05452537	0.64669378	1.00880108	0.81755274	1.86534578
1.00E-04	1.00E-04	0.07299269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29907831	1.00E-04	0.22223701	1.21341481	0.58240844	1.00E-04	1.01208735
0.06718044	1.00E-04	0.08383283	1.00E-04	0.12564974	1.00E-04	1.40624424

0.70065635	1.00E-04	0.35968467	0.19365517	1.00E-04	1.00E-04	1.00E-04
1.88075	1.28246279	1.58758921	1.87471096	2.42917483	1.00E-04	1.00E-04
0.43208291	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96847026	0.38958401	0.30036521	0.31111858	1.00E-04	1.00E-04
1.44151183	2.27801923	1.08402444	0.71055456	0.68011728	2.19409387	1.97460605
1.00E-04	1.00E-04	0.41887886	0.1285221	0.88487332	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14481115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12268675	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26430657	1.80893398	1.80026445	1.21117328	1.01208929	0.9513318	1.50926903
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41033535	1.2795411	0.7879859	1.96428226	2.87367268	1.10522239	1.45670916
1.00E-04	1.00E-04	1.0446252	1.2442717	1.85404891	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.86421013	1.0672897	1.61495358	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.5056671	0.66853925	0.48020909	1.00E-04	1.00E-04
2.30250974	1.00E-04	0.95192152	0.46846699	0.25422776	1.40624011	1.56030543
3.22183301	0.71640521	2.31811674	1.53675824	1.78064657	2.78866851	1.98005847
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.27672019	1.00E-04	1.00E-04	0.13831052	1.00E-04	1.00E-04	1.00E-04
2.74258976	1.28472534	1.39067625	0.9862395	0.64886377	0.96274275	1.82053584
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39956339	1.00E-04	0.77055676	0.58918382	0.73539872	1.00E-04	0.35134699
0.315248	0.79637057	0.67608042	1.22037466	0.91218973	2.10313903	3.12098849
3.8868109	0.72877389	1.74900732	1.78030309	1.89539949	4.08966953	3.4661977
0.36309818	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83083207	1.00E-04
2.9750939	1.00E-04	0.41194538	0.18674416	0.63292117	1.00E-04	1.46254935
1.00E-04	1.00E-04	0.49566633	0.43034897	1.71129453	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27659059	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44866516	1.00E-04	0.20523816	1.00E-04	0.14148046	1.00662024	1.18273852
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37743711	0.14982667	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.93218311	1.87034935	0.50758345	0.79958263	1.00E-04
1.00E-04	1.00E-04	0.08074249	0.0814007	0.12564974	1.00E-04	1.00E-04
1.00217477	1.00E-04	0.5088288	0.5798314	0.80670302	1.00E-04	1.68984479
1.00E-04	1.00E-04	0.10414554	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11678318	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11090815	1.00E-04	1.00E-04	1.00E-04
0.76003021	1.00E-04	1.00E-04	0.09790117	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69779233	0.56175032	0.4228436	0.58971673	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.11897115	0.15219862	0.40653652	1.00E-04	1.00E-04
1.1803227	1.00E-04	1.42727588	1.63634249	0.84484671	1.00E-04	1.67004471
0.49326215	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25224736	0.69779233	0.08269935	1.00E-04	0.09565186	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07299269	0.17808618	0.18549388	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0897396	0.11946472	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32749843	0.44734272	0.09550581	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42369794	1.00E-04	1.13516742	1.20820917	0.62062614	1.00E-04	2.45038955
1.00E-04	1.00E-04	0.10334576	0.10695841	0.13098198	1.00E-04	1.00E-04
0.27755829	1.00E-04	1.00E-04	0.10902669	0.48836849	1.00E-04	1.55092184
1.00E-04	1.3386578	0.99933032	0.5040175	0.60801521	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3681503	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94566749	1.00E-04	0.87239604	1.00E-04	0.36290923	1.31443423	1.00E-04
0.47251737	1.00E-04	0.25423518	0.10426514	1.00E-04	1.103099	0.7179807
1.24015994	1.00E-04	0.85436817	0.6021741	0.28826381	1.79281826	1.96388115
1.53408308	1.00E-04	0.13390453	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13244942	1.00E-04	0.67398014	0.31198507	1.00E-04	1.00E-04	1.00E-04
2.94687033	1.00E-04	0.68825956	0.51989651	1.10319991	1.00E-04	1.87218008
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15091807	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.77393047	1.00E-04	0.63197516	1.00E-04	0.1253092	2.2348306	1.453556
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0746918	1.00E-04	0.10402423	0.09393249	0.23854549	1.00E-04	1.00E-04
1.43560962	2.6872728	2.91447936	1.69929831	1.62721777	2.2843579	2.02771977
1.00E-04	1.00E-04	0.68932209	0.58005216	0.20904676	0.96326844	0.54053641
0.36514303	0.69779233	0.83958987	0.18334596	0.18255603	1.00E-04	1.00E-04
2.05902779	1.56775168	2.3543599	2.40420924	2.50918224	1.05970842	1.08868066
0.95693245	1.00E-04	0.53004071	0.55550388	0.2232675	0.94908439	1.53370101
1.46323111	1.00E-04	0.28189184	0.25680197	0.14455498	1.00E-04	1.00E-04
0.06718044	1.00E-04	0.83905634	1.00E-04	0.53746012	1.00E-04	1.00E-04
1.58919996	0.92068596	1.87114455	0.85324906	1.16681076	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07299269	1.00E-04	0.14478141	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63302481	0.79637057	1.53774216	1.45429084	1.15864377	1.00E-04	1.00E-04
0.60798602	1.00E-04	1.00E-04	1.00E-04	0.1020411	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15243164	0.18220177	0.30137483	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14542715	1.00E-04	1.00E-04	1.00E-04
0.35824356	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.65127156	0.11090815	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31460011	1.00E-04	0.15720559	0.1373285	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22578611	1.00E-04	1.00E-04	1.00E-04
0.74507947	1.00E-04	1.00E-04	0.14136026	1.00E-04	1.63720613	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.39570363
1.00E-04	1.00E-04	0.06287992	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34296333	1.00E-04	1.00E-04	1.00E-04	0.15882988	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24428165	0.37254633	1.00E-04	1.00E-04	1.00E-04
0.17643459	1.00E-04	1.00E-04	1.00E-04	0.10372144	1.00E-04	1.00E-04
0.58641857	1.00E-04	0.0759014	1.00E-04	0.11639204	1.62162851	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08431423	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38901261	1.00E-04	0.61321601	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23297528	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.72877389	1.00E-04	1.00E-04	1.00E-04	1.22667441	1.00E-04
1.47943915	1.00E-04	0.25714017	1.00E-04	0.15509212	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33432896	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1318993	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11837368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.03499642	1.00E-04
1.00E-04	1.00E-04	0.16174936	1.00E-04	1.00E-04	1.24245757	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06554964	1.00E-04	1.00E-04	1.8141784	1.65374659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08716682	1.00E-04	0.19460695	0.20803227	1.00E-04	1.00E-04	1.26135756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85260137	1.00E-04
0.99988541	1.22587756	1.90258018	0.88022438	0.86999152	0.78141142	1.77033366
0.67711506	1.00E-04	0.53254323	0.23729152	0.1216717	0.81755274	0.7179807
1.00E-04	1.00E-04	0.31973849	2.01824532	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40008235	0.87782076	0.24922568	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23120854	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74506998	1.4732277	0.82941077	0.6753378	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09402275	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.16789934	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72100278	1.00E-04	1.00E-04	0.17177668	0.23688829	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1010866	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13909974	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98210391	1.00E-04	0.21706898	1.08007117	0.12792029	1.00E-04	0.49725191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71259609	1.00E-04	1.0687321	0.46987429	0.33444123	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	3.54713794	4.52451484	3.6495067	3.93726667	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.79140014	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18160417	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09322287	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20163259	1.00E-04	1.00E-04	1.00E-04	0.12748672	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07299269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4576517	1.00E-04	1.00E-04	1.00E-04	0.45934129	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.21375502	0.1285221	0.11078928	1.00E-04	1.00E-04
0.49071119	1.00E-04	0.3632194	0.2357955	1.00E-04	1.00E-04	1.00E-04
1.19878624	1.00E-04	0.42765047	0.92219168	1.03902396	1.00E-04	1.00E-04
1.00857754	0.69779233	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69464745	1.00E-04	0.31484987	0.50529703	1.00E-04	1.00662024	1.13205529
0.51875395	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.22245167
0.32322522	1.00E-04	1.13885815	1.17031574	1.02210071	1.00E-04	0.49725191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01129837	0.68407235	2.03314105	1.93905118	1.16675819	1.39885208	2.54147981
1.00E-04	1.00E-04	0.10399487	0.08792613	0.08815268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21072066	0.08557886	1.00E-04	1.00E-04	1.00E-04
0.80593418	1.00E-04	0.16351806	0.26839457	0.24194431	1.00E-04	1.00E-04
1.46595149	1.00E-04	1.61000155	1.60595162	0.69600452	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.38777149	0.18528834	0.12125625	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48587809	1.00E-04	0.09286457	0.06816182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10452963	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14461624	1.00E-04	1.00E-04
0.62370364	3.47134034	0.35669693	0.17047612	0.11344173	1.33183829	0.7214142
0.24139521	1.00E-04	0.53273488	0.33018277	0.27972735	0.84473467	1.92892196
1.13170446	1.00E-04	0.20674656	0.94289002	1.88527469	1.00E-04	1.00E-04
0.81235988	1.00E-04	0.76051378	0.52843038	0.31661249	1.00E-04	1.00E-04
2.58135586	4.83815116	5.30567763	4.87256124	4.93831922	2.50333358	1.02294731
1.75711583	1.61569811	1.8305568	2.47104537	2.66149836	1.00E-04	2.02664104
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33914363	1.00E-04	0.95655354	1.03476883	0.95120747	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21027534	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19741543	0.11567939	0.48750085	1.00E-04	1.00E-04
1.00E-04	0.72877389	2.0700401	1.64784081	2.46295539	3.3082285	2.36839025
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14342467	0.74506998	0.97403506	1.21147504	0.6062211	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11095817	0.21439387	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.41649804	0.38670912	0.87989678	1.00E-04	1.00E-04
0.95609121	1.00E-04	0.37515802	0.06796023	0.40914273	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.08971332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06765176	0.69779233	0.29579934	0.66747392	1.64549074	1.60007999	1.70487963
0.2196067	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15257778	1.00E-04	0.09814195	1.00E-04	1.00E-04
0.2196067	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3995358	0.87612072	0.4719754	0.12615384	0.3827688	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15485705	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.3386578	2.22207453	1.60231919	2.1972424	1.00E-04	1.00E-04
1.73940287	3.5118615	4.50451667	3.74348342	3.72356562	2.84241166	2.73377869
1.74115478	1.99544373	3.23022527	2.86045283	2.6594595	3.29306019	2.25714991
1.00E-04	1.00E-04	1.00E-04	0.07008263	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20181134	1.00E-04	0.20195223	1.00E-04	1.00E-04
0.86032369	1.00E-04	1.16599087	1.40842828	2.16122594	1.42990715	1.32770167
1.00E-04	1.00E-04	0.07516994	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10286354	1.00E-04	1.00E-04	0.258855	0.528391	1.00E-04	1.00E-04
0.24340868	1.00E-04	0.63073326	0.20963512	0.32713263	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11344173	0.81859263	1.00E-04
0.2520512	0.69779233	0.0688269	0.08974194	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64844603	1.00E-04	0.2260669	0.07577735	0.27553031	2.81671983	2.7573883
1.00E-04	1.00E-04	1.00E-04	0.37078304	1.00E-04	1.00E-04	0.41275046
1.02829197	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93074312
1.00E-04	1.00E-04	1.37476044	0.46077043	0.24705059	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.4002131	0.34404174	0.69451735	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32619793	1.00E-04	1.64014616	1.28148381	1.1302947	1.31151447	2.85591486
1.00E-04	1.00E-04	1.00E-04	0.3573423	1.00E-04	1.00E-04	1.00E-04
0.91256125	1.00E-04	0.7928255	0.0814007	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16677881	1.00E-04	0.10702905	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.62826293	2.15193624	0.79565436	1.00E-04	1.00E-04
0.3546965	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22677989	1.00E-04	0.72788275	1.43484479	0.44547915	1.00E-04	1.1853365
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.475198	1.00E-04	0.44089685	0.38213081	0.96291591	1.00E-04	1.00E-04
1.00E-04	1.09568947	0.68409357	1.88647982	1.10029347	1.00E-04	1.00E-04
2.07812134	1.00E-04	1.10327836	0.95952756	1.1540069	1.53160124	1.46607815
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34410126	1.00E-04	1.00E-04	0.15450124	1.00E-04	1.00E-04	1.00E-04
1.58210589	1.19089243	1.02376399	1.46667356	0.38037807	1.00E-04	1.31799764
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.32511376	1.00E-04	0.64495032	0.29555814	1.00E-04	1.1642138	1.00E-04
0.21280737	1.00E-04	0.07516994	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.53394882	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77150052	1.00E-04	0.41422709	1.82211182	0.57983755	0.89799762	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67276906	0.96847026	1.22647151	1.83510973	2.18151525	2.04444556	1.51878808
1.00E-04	1.00E-04	0.07299269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06759249	1.00E-04	0.20588442	0.37153771	0.42692014	1.00E-04	1.00E-04
0.06718044	1.00E-04	0.31809384	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13090406	1.00E-04	0.0691919	1.00E-04	1.00E-04	1.31443423	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08009723	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10695841	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.87592092	0.09511513	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02785945	1.00E-04	0.25859556	0.16429007	0.10702905	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12233227	1.00E-04	1.00E-04
1.50710387	1.00E-04	0.82285006	1.03264385	1.92522545	1.00E-04	1.31520537
0.06765176	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20798538	1.00E-04	1.00E-04	1.00E-04
0.4576517	1.00E-04	0.13707339	1.78465677	2.42861346	1.00E-04	1.00E-04
0.22177449	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66884808	1.00E-04	1.00E-04	0.17403974	1.00E-04	2.46824291	1.98256673
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74681988	2.01823161	1.98437062
0.68423999	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.50675156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8358776	0.54987543	0.4441471	1.31993705	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09565186	1.00E-04	1.00E-04
2.44080131	1.00E-04	1.26471805	0.86237142	1.17763479	1.00E-04	1.22246124
1.00E-04	1.00E-04	0.11466092	1.3094245	0.34343935	1.00E-04	1.08843125
1.00E-04	1.22771662	1.13972765	1.21697704	0.29700171	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11121198	0.20087292	1.26424208	1.00E-04	1.00E-04
3.81433495	1.25583846	2.56673974	1.62199643	2.18614547	4.18093968	3.79559052
0.29940938	1.00E-04	0.18120288	0.17986596	0.20498582	0.88297287	1.43838478
0.2528596	2.27801923	1.38556068	0.60754083	2.02120166	1.00E-04	1.00E-04
1.00E-04	0.96847026	0.0759014	0.18700414	1.00E-04	1.00E-04	1.00E-04
0.6253597	0.72877389	2.4471157	3.00642637	2.43195605	1.00E-04	1.15573112
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26950181	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79087407	1.00E-04	0.18483345	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37414271	0.71640521	1.4997497	1.43862408	0.95266787	0.46029024	1.00E-04
2.21528805	2.62221283	3.046005	2.1936456	2.45192457	1.00E-04	0.83430531
1.27458752	1.00E-04	0.14749497	0.31099406	0.34690951	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.66100385	1.61135317	0.63032719	1.00E-04	1.00E-04
2.29098062	2.9343872	3.71701324	3.62118568	3.33142898	3.75727842	4.05936509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10372768	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70545455	1.00E-04	0.35367749	0.18315065	1.00E-04	1.00E-04	1.00E-04
2.26402492	1.00E-04	0.50323931	0.63819322	0.23167746	1.16310251	0.83430531
0.20227369	0.8358776	0.26864531	0.61200264	0.99206007	1.00E-04	1.68761326
1.26368687	1.00E-04	0.47614867	0.92344681	0.09759627	1.91843225	2.88219832
0.36564944	1.00E-04	0.21766696	1.00E-04	0.09814195	0.74564767	1.00E-04
1.55876844	1.00E-04	0.78149375	0.15204459	0.46643457	1.37648376	1.70872499
1.00E-04	1.00E-04	0.1575688	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60378857	1.00E-04	0.35717255	0.21920726	0.24189535	1.51042251	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.66277853	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.53997046	0.60537757	1.00E-04	1.00E-04	1.00E-04
2.06434399	1.2795411	0.14138823	0.08490835	1.78537995	1.00E-04	1.01208735
0.43201826	1.00E-04	0.11605641	1.00E-04	1.00E-04	1.00E-04	1.69998633
0.92197149	1.00E-04	0.33989925	0.2631803	0.36627698	1.00E-04	1.00E-04
0.64792987	1.90203914	1.1866067	1.15723788	1.79005749	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39249288	1.00E-04	0.3815372	0.21415403	1.43627563	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22475896	1.00E-04	1.00E-04	1.00E-04
3.79617126	0.74506998	2.65212629	3.07965595	2.88122219	1.97552664	3.16740761
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23279668	1.00E-04	0.52911332	0.07008263	0.19335022	1.00E-04	2.1130689
1.00E-04	0.8339972	0.11998372	0.06796023	0.15392957	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32187216	1.00E-04	1.24907311	0.21763111	0.37878193	1.53908709	1.27802218
1.92713252	1.00E-04	1.3622334	1.1308565	1.92385461	0.82693741	1.97878399
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55177963	1.00E-04	0.50154361	0.0825412	0.43341294	1.21241672	1.00E-04
2.71726879	1.54369962	1.21011344	1.36903577	1.24778518	1.80107896	2.30029024

1.94032457	1.00E-04	0.63775918	0.84304538	1.1190984	1.00E-04	2.57074592
0.23374008	1.00E-04	0.30236801	0.21590383	0.13957128	0.83083207	0.49725191
0.2168031	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06027752	0.71640521	1.33231997	1.1001144	1.38563575	0.92751185	1.00E-04
0.44058068	1.00E-04	0.39854863	1.00E-04	0.38179896	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.55923588	1.00E-04	1.53910483	1.74220939	1.29781285	0.46029024	2.2086492
1.00E-04	1.00E-04	0.99844119	2.37883986	1.3636696	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.65850104	0.28689783	1.00E-04	0.41275046
1.00E-04	1.00E-04	0.14808841	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18120966	0.53602863	1.00E-04	1.00E-04	1.00E-04
1.11143099	1.00E-04	1.18852187	0.8203739	0.77875648	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.71267192	0.21195037	0.22772539	1.00E-04	1.00E-04
1.00E-04	2.49998113	2.83117458	1.47423153	2.05286136	1.00E-04	1.00E-04
0.98036255	1.00E-04	0.28138965	0.29167203	1.00E-04	1.00E-04	1.09055109
1.00E-04	1.00E-04	0.14086284	0.10897151	1.00E-04	0.95102466	1.00E-04
1.00E-04	1.00E-04	0.13734826	1.00E-04	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69155859	1.00E-04	0.77879357	0.09731771	0.37049915	0.82884172	1.89786755
1.59467177	1.00E-04	0.08292731	1.54886161	0.22867629	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.375354	1.00E-04	1.00E-04	0.15733378	0.08916315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12988431	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.63677408	1.00E-04	1.00E-04	1.00E-04	0.75479946	0.94908439	1.00E-04
0.48846014	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78141142	1.33002635
4.97819631	2.2236674	2.83925328	3.06661312	2.82869543	1.43564554	2.57648933
1.43965914	0.7902481	1.8763031	2.77524949	1.70099415	2.07474075	2.27409075
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.54544997	0.87612072	2.19991098	2.38926533	2.28769588	1.82600547	0.82550609
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20129929	1.00E-04	0.38590525	0.15845674	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.96937221	1.17563008	1.16025151	1.00E-04	1.00E-04
1.89644122	0.87456952	1.5195302	1.27801979	1.75292146	1.70040031	0.81996147
0.80963661	1.00E-04	1.00E-04	1.00E-04	0.23120854	1.00E-04	1.00E-04
0.1136802	1.00E-04	0.0741193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.28352536	0.7346449	0.16352095	0.35063465	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.51240836	0.30163604	0.34628044	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08326693	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72910389	0.8339972	0.5811114	0.46383367	0.66535976	1.93463129	2.16851591
0.26484691	1.00E-04	0.43613117	0.22368286	0.33912841	1.00E-04	0.46517855
1.00E-04	1.00E-04	0.11897115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07655967	0.13214734	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09811645	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08695588	0.31532877	0.35585791	0.89799762	1.00E-04
0.32909352	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16429007	1.00E-04	1.00E-04	1.00E-04
0.93352325	1.00E-04	0.45491555	0.09261958	0.28806383	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.16412391	0.27886251	1.75958009	1.00E-04	1.00E-04
1.79221297	1.00E-04	0.4293079	0.48459265	0.52574361	0.74564767	1.8076996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12748672	1.00E-04	1.00E-04
0.18301159	1.00E-04	0.10137643	0.57169834	0.08916315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.074384	1.00E-04	1.00E-04	1.00E-04
2.25738874	1.00E-04	1.23625319	0.62780745	0.40222563	1.39885208	2.01401828
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61349209	1.00E-04	0.64134092	1.3066542	1.94904524	3.96712213	3.96260446
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19146895	1.00E-04	1.00E-04
0.53673011	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07525628	0.12795857	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.1787663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08961241	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.53707774	0.31046935	1.00E-04	1.00E-04	1.00E-04
0.46354193	1.00E-04	1.00E-04	0.16130923	1.00E-04	1.00E-04	1.00E-04

0.67803786	1.00E-04	0.12595457	0.1141687	0.11639204	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.11017854	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66336123	3.17208057	0.46914294	0.69648761	0.71410624	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.50431953	0.47309774	0.10372144	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.30610482	0.47813317	1.00E-04	1.00E-04	1.00E-04
0.1136802	1.00E-04	0.12810717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.90382472	0.8339972	1.06214654	0.93440451	0.7406273	1.00E-04	0.76786709
1.51309113	1.00E-04	0.41940959	0.24366184	0.60554526	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78556261	1.00E-04	0.24615882	0.36006674	0.19324649	0.94543129	1.00E-04
1.34616073	1.00E-04	1.41660651	0.53153392	0.72994133	1.81188467	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96847026	0.32372455	0.13225393	0.29029786	1.00E-04	1.00E-04
1.31111848	1.00E-04	0.25436974	0.37762518	1.00E-04	0.97058651	1.00E-04
0.48404358	1.2795411	1.69951998	0.29985149	0.9201965	0.96326844	0.49725191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.3386578	1.44537573	1.89900754	1.6270594	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34523914	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10835368	0.22962668	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5291932	1.00E-04	0.17950979	1.00E-04	1.00E-04	1.00E-04	0.40038755
0.06301971	1.00E-04	0.63439726	0.99568764	0.26603849	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.77761293	0.86066154	1.93924616	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09296692	0.15882988	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08971332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32593538	1.00E-04	0.13338607	2.00271954	0.12343101	1.00E-04	1.00E-04
2.64204926	1.00E-04	1.84255474	2.6653363	1.72543282	1.40855194	1.51036513
1.00E-04	1.00E-04	0.07299269	0.20388205	0.1216717	1.00E-04	1.37881795
2.10896451	0.71640521	1.55621776	1.34719896	1.46580308	2.2341299	1.08092686
1.00E-04	1.00E-04	0.39281203	0.10843982	0.24705339	1.00E-04	1.00E-04
0.58040665	1.00E-04	1.65267015	1.25462289	1.52339548	0.79838122	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30740084	0.35152336	0.25652901	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5607216	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.43526726	0.26720261	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06765176	1.00E-04	0.88239533	0.233646	0.96239633	1.00E-04	1.00E-04
0.75773317	1.22587756	0.96741197	0.60251398	0.82285338	1.40030119	1.5090074
0.27611176	1.00E-04	0.52556102	0.34438725	0.23665012	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06649866	1.00E-04	0.1253092	1.00E-04	1.00E-04
1.43620642	1.00E-04	1.24844754	1.31460123	1.71483847	1.00E-04	0.94629406
0.85262994	1.72317304	1.9978141	1.50542901	1.44593395	2.24697186	2.19156189
1.42652067	1.00E-04	2.00420539	1.70393404	1.02958311	0.89799762	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58513374	1.00E-04	0.71400861	1.81869124	0.26497681	2.67164411	3.2492961
1.00E-04	1.00E-04	1.00E-04	0.14399149	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41275046
1.00E-04	1.00E-04	0.3301785	0.0824918	1.00E-04	1.00E-04	1.00E-04
0.8457648	1.00E-04	0.71127621	1.55007307	0.48716715	1.00E-04	0.40038755
3.02365955	2.2709884	2.64683026	1.95806295	3.22663385	3.61475876	2.81303778
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09983193	1.00E-04	0.21615804	0.07577735	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.79637057	1.2053816	0.58636535	0.57285727	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.0940021	0.25396794	1.27398946	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.13950014	1.95106317	2.43095129	1.61447518	2.52233895	1.90154364	2.28335733
1.00E-04	1.00E-04	0.07593463	0.18334596	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0575112	1.00E-04	0.10452963	1.00E-04	1.00E-04
0.5989369	1.00E-04	0.80063567	0.40495854	0.22997106	1.18042507	1.00E-04
1.5666963	1.00E-04	0.54387691	0.38018539	1.53151858	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25536199	1.00E-04	0.14808841	0.08710603	1.00E-04	1.00E-04	1.00E-04
0.64918469	0.72877389	0.0575112	1.00E-04	1.00E-04	1.00E-04	0.7551454
1.55223735	1.00E-04	0.63018299	1.02291624	0.68067469	1.00E-04	1.00E-04
2.3067097	1.10823044	1.0889211	1.29519486	1.4086299	1.6485068	2.71123771
0.18236427	1.00E-04	0.10181419	1.00E-04	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.38592357	0.16411766	0.13631278	1.00E-04	1.44697464

2.9157607	2.90893734	1.52224797	1.14787562	1.12175513	2.62690475	3.13950329
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89324793	1.00E-04	0.97430472	0.63972822	1.28080286	1.78813462	2.64844111
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13703601	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15684107	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.41495102	1.00E-04	0.437018	0.90965825	1.45694276	1.590541	1.00E-04
0.17029242	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.25845589	2.7454468	2.3009877	1.75898324	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.08986141	1.00E-04	0.21065158	0.26829106	0.12125625	1.00E-04	0.56264051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45913473	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62933688	1.00E-04	1.66365475	1.08916043	1.24873236	1.03499642	2.44437435
2.18435457	1.00E-04	1.15092277	0.74777549	0.96264528	1.0790544	1.00E-04
0.2168031	1.00E-04	0.10444449	0.56010061	0.78769697	1.00E-04	1.00E-04
0.85430635	1.00E-04	0.41631601	1.00E-04	0.23302289	1.00E-04	1.00E-04
2.77886206	1.00E-04	1.30263452	0.60589739	1.2224577	2.27604953	2.380227
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27263489	1.00E-04	0.67712402	1.00E-04	0.15565817	1.00E-04	1.00E-04
0.33576641	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14442053	0.1010866	1.00E-04	1.00E-04	1.00E-04
2.95325138	1.00E-04	1.30445911	1.08540702	0.84347013	2.6967466	2.89936683
0.25224736	1.00E-04	1.00E-04	0.20087292	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1529265	1.00E-04	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.89093238	1.00E-04	1.00E-04
0.26372096	1.00E-04	1.00E-04	0.17176049	0.23665012	1.00E-04	0.9583037
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0741193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7902481	1.00E-04	0.3301758	0.17301519	1.00E-04	1.00E-04
2.15668744	0.87456952	1.38554208	1.02700403	1.4320584	0.81755274	1.08868066
1.00E-04	1.00E-04	0.43907547	0.10969326	0.26837468	1.00662024	1.00E-04
1.00E-04	1.00E-04	0.37204841	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.21753655	1.69664403	2.58600495	2.48129183	2.35447298	3.28830009	3.62281388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2626046	1.00E-04	0.18326479	0.30973105	1.00E-04	1.00E-04	1.00E-04
0.93817781	0.72877389	0.85147319	0.8693474	0.5037093	1.00E-04	1.43838478
0.06301971	0.68407235	1.35820534	0.15467472	0.87228103	1.00E-04	1.46347951
1.00E-04	1.00E-04	0.65195144	0.23144834	0.52228321	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0996928	1.00E-04	1.00E-04	1.05970842	1.00E-04

0.52016549	1.3386578	0.84394174	1.11561676	0.58415843	1.00E-04	1.00E-04
0.95187085	1.00E-04	1.29374344	1.75692128	1.85209267	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22837972	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.79637057	0.56670151	1.44647078	0.72598417	2.51717515	1.00E-04
1.00E-04	1.00E-04	0.09354831	0.15252002	0.15169238	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.21811325	1.00E-04	1.00E-04	1.00E-04
0.65266364	0.92068596	0.43593204	0.47266516	0.39450684	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11837368	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08716682	1.00E-04	0.84242282	0.82689013	0.7191009	1.00E-04	0.81245127
0.79157476	1.00E-04	0.42682238	0.25293066	0.1253092	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09148407	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23279508	1.00E-04	1.72548928	1.81515458	0.71594011	1.10704252	0.40038755
0.16999556	1.00E-04	0.75141779	0.30122305	0.36588633	1.00E-04	1.00E-04
1.01312449	1.00E-04	1.73597399	0.64360142	0.97309456	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32323995	0.09296692	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0741193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20646919	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09963551	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45040932	1.00E-04	1.01133347	0.82914688	0.57093132	0.88297287	1.01194579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.52015663	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.20038706	0.8519027	1.22694604	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08518202	0.13125573	0.14461624	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21098963	0.42051763	0.09814195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49444049	1.00E-04	1.00E-04
0.1494006	1.00E-04	0.50835782	0.4616204	0.32124401	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41625172	1.00E-04	0.23535211	0.10087646	1.00E-04	1.00E-04	1.16048721
0.1136802	1.00E-04	1.00E-04	0.14107641	1.00E-04	1.00E-04	1.00E-04
0.12491829	1.00E-04	1.00E-04	0.21760272	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.3529325	0.84207157	1.11484371	1.00E-04	1.00E-04
0.57373549	1.00E-04	0.66005086	0.94383569	0.65834238	1.00E-04	1.00E-04
1.40498374	1.00E-04	1.00E-04	0.09749395	0.21894683	1.00E-04	1.00E-04
0.48404358	1.00E-04	0.37112424	0.60791555	0.66665627	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83172491	1.00E-04	1.00E-04	0.19704599	0.12694344	1.00E-04	1.00E-04
1.93715165	0.74506998	1.82899677	1.874292	0.87539703	2.96989216	1.4268466
2.08088461	1.58646789	2.31984045	1.8460682	2.39331427	2.80461122	2.59059307
1.00E-04	1.00E-04	0.11998372	1.00E-04	0.11078928	1.00E-04	1.00E-04
0.2626046	1.00E-04	1.00E-04	0.3248399	0.38105896	1.00E-04	1.00E-04

0.45408966	0.96847026	2.0222652	1.47474795	1.65099485	0.93702359	1.92686654
0.47267313	1.22644621	2.16510918	1.58857635	2.05684585	1.00E-04	1.00E-04
1.32102151	1.00E-04	0.89062133	0.58697491	0.37124136	1.00E-04	1.00E-04
0.5291932	1.00E-04	0.32143014	0.61913469	0.36474693	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08431423	1.00E-04	1.00E-04	1.00E-04
1.16978608	1.00E-04	1.00E-04	1.00E-04	0.37295273	1.00E-04	1.00E-04
0.28095323	1.00E-04	0.06423036	0.0822006	1.00E-04	1.00E-04	1.00E-04
0.344714	1.00E-04	0.83958647	0.30557057	0.81047382	1.00E-04	1.00E-04
1.04891501	0.79637057	0.81986256	1.17822042	0.94785653	1.00E-04	1.00E-04
0.66582609	0.87612072	1.23905639	2.61863295	1.03119232	1.00E-04	1.00E-04
2.12064633	1.00E-04	1.5616302	1.43659797	1.50106881	2.55369175	1.84255746
1.00E-04	1.00E-04	1.00E-04	0.08710603	1.00E-04	1.00E-04	1.00E-04
0.72836972	1.00E-04	0.37787644	0.31608585	0.72835525	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22177449	0.8339972	0.1980196	0.23146656	0.15392957	1.00E-04	0.93074312
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58844762	1.00E-04	0.81456234	0.57236321	1.11590969	1.00E-04	1.5321247
2.93909245	1.00E-04	2.01184848	1.99986667	2.04060338	2.06272154	1.40161561
5.43427661	3.91380574	4.32169817	4.81109783	4.96034793	4.23264638	4.54750901
3.46547008	1.61309825	2.29707234	2.95329362	2.85262484	2.48363835	2.61988221
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.48223447
1.00E-04	1.00E-04	0.4750118	0.25782318	0.33025619	1.00E-04	1.00E-04
1.39827417	1.00E-04	0.94102988	1.38700127	0.91340579	1.00E-04	0.48671447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.65771726	0.28292138	1.03040215	1.00E-04	1.00E-04
1.00E-04	0.8339972	0.7841086	0.25568461	0.08815268	1.00E-04	1.00E-04
1.57650405	1.00E-04	1.0737234	0.34982251	0.27571429	1.61211528	1.19626579
1.00E-04	1.00E-04	0.09649751	0.11606138	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46086597	1.00E-04	0.11195561	0.08961591	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07268679	0.49252811	1.50766526	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.46806145	0.0814007	0.38520193	1.00E-04	1.00E-04
1.55534149	1.00E-04	0.28822056	1.34884423	0.09863458	1.58040785	1.39732546
3.62429692	1.87290922	2.71747033	3.61494501	3.43311435	0.62567961	2.51897762
1.40825734	1.00E-04	1.77439831	1.43503399	1.13860797	1.00E-04	1.00E-04
0.80605972	1.00E-04	0.90907601	1.40856143	1.4441743	1.00E-04	1.00E-04
0.33292798	1.00E-04	0.08621585	0.26391576	0.41681989	1.00E-04	0.86416489
1.00E-04	1.00E-04	0.06649866	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7902481	0.43267072	1.018753	0.27752234	1.00E-04	1.00E-04
4.32997413	1.00E-04	0.0691919	0.30071413	1.80724065	3.98156193	3.57440359
0.94195481	1.00E-04	0.13922468	0.19517891	0.11078928	1.00E-04	1.00E-04

3.01022558	3.12249824	1.76086038	2.10698652	2.18073561	1.56713675	1.64739857
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81074779	1.00E-04	0.16936324	0.29741577	0.28337608	1.00E-04	1.00E-04
0.66018405	1.82632463	1.47535372	0.46451273	0.56207102	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16277424	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33927736	1.00E-04	0.06287992	0.16130923	1.00E-04	1.00E-04	1.16048721
0.76122071	1.11722896	1.82912023	1.24516626	2.01097614	1.00E-04	1.00E-04
1.28222206	1.00E-04	0.8542986	0.74356436	1.00E-04	1.00E-04	1.00E-04
1.4375127	0.72877389	2.42366153	1.06444063	1.86883551	1.00E-04	1.00E-04
1.60636753	1.00E-04	0.30830715	0.4085576	0.19089153	0.79838122	2.1953108
2.34125094	1.00E-04	0.52167013	0.80492979	0.43959739	1.00E-04	1.61337406
2.98755736	1.00E-04	1.41433955	0.78682715	1.14054396	1.00E-04	2.75468342
1.27205268	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.76958055	1.41558747	1.59905823	1.38459293	1.00E-04	1.00E-04
0.29412275	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10635547	1.00E-04	0.35067677	1.00E-04	0.56264051
0.16967021	1.00E-04	0.14980627	1.00E-04	0.23665012	1.00E-04	1.00E-04
0.88442204	1.00E-04	0.0688269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10002775	0.14376298	1.00E-04	1.00E-04	1.00E-04
4.78568352	0.74506998	1.96931738	2.14198762	2.34871538	3.85607184	4.07983068
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24139521	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18323034	0.09375359	1.00E-04	1.00E-04	1.00E-04
0.29692371	1.00E-04	0.08326693	1.00E-04	1.00E-04	1.00E-04	1.09055109
1.00E-04	1.00E-04	0.23779347	0.3497462	0.72877934	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10902669	1.00E-04	1.00E-04	1.00E-04
0.41972145	1.00E-04	0.10137643	0.66124009	0.2388007	1.00E-04	1.00E-04
0.57449739	1.00E-04	0.33809472	0.0848519	0.30083373	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09186897	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73847049	1.00E-04	1.29515036	1.37365341	1.51585468	1.00E-04	1.00E-04
1.24082551	1.00E-04	1.78935453	1.65661819	2.03603089	1.69280508	1.00E-04
0.2594041	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21559538	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2343244	1.2795411	1.10686395	2.38546501	2.28698212	2.04841833	2.13731367
0.26535312	1.00E-04	1.00E-04	0.0822006	1.00E-04	1.00E-04	1.00E-04
0.32070646	1.00E-04	0.26466445	0.33076619	1.09858898	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.89767375	0.162692	0.2212913	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.74712222	0.09353219	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15902904	1.00E-04	0.10423273	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.10480104	0.15264282	0.20966923	1.39748962	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1277904	1.00E-04	0.18420248	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07348386	0.26228587	0.29352415	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12619197	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.73330575	0.53336647	0.52565639	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.84167817
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18613935	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2528596	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41275046
0.55264677	1.00E-04	0.94743943	0.53919454	0.44178688	0.95102466	1.00E-04
0.2594041	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.14061365
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37676908	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1025689	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45934129	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87456952	0.09485785	0.1285221	0.21894683	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12858809	1.00E-04	1.00E-04	1.15464519	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60627296	0.96847026	0.07819003	1.00E-04	0.28231602	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13831052	0.21404561	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12988431	0.39655497	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13718086	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39570768	1.00E-04	0.1529265	0.27828143	0.28849927	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06767845	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20281155	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13125573	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11450942	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73424667	0.74506998	2.30193504	1.2254218	1.4634188	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06287992	1.00E-04	1.55280037	1.00E-04	1.00E-04
0.51770189	1.00E-04	0.19354424	1.00E-04	0.09759627	1.46021335	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.29220731	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09976055	1.00E-04	0.34676556	0.25811821	0.25769723	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08680543	0.15290548	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08823908	0.14566556	0.46029024	1.06680503
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19812052	0.07375842	0.22624626	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21887105	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82279356	1.00E-04	0.27104195	0.08952278	0.17232922	1.00E-04	1.00E-04
0.29585631	1.00E-04	0.1277904	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	3.94179861	2.3445165	3.72807011	5.40429191	1.00E-04	1.46347951
1.00E-04	2.45336623	2.87193862	2.21314158	2.90950359	0.71661629	1.00E-04
1.00E-04	3.21081325	2.25003171	1.74619308	1.35499461	1.00E-04	1.00E-04
0.42379962	1.00E-04	0.34398678	0.50244522	0.24186472	1.33183829	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0848519	0.23972165	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07516994	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24787795	0.0848519	1.00E-04	1.00E-04	1.00E-04
0.4576517	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07375842	1.00E-04	1.00E-04	1.00E-04
0.51830498	1.00E-04	0.76739677	0.60536931	0.48415692	2.55903534	0.81245127
1.62771227	1.00E-04	2.17323369	1.55439432	1.24266537	1.70683966	1.68269038
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09811645	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70095935	1.00E-04	0.45694524	0.30533595	0.29304999	1.00E-04	1.01194579
0.66074287	1.00E-04	0.08746931	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92631756	1.00E-04	1.1199194	0.7619337	1.3820881	1.00E-04	1.20679676
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.47284511	0.16704206	0.68708577	1.00E-04	1.00E-04
0.10913195	0.87456952	0.56825458	1.55902399	1.00E-04	1.29436322	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49250588	0.96847026	1.42667634	0.98389295	1.78658946	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50635104	1.3386578	1.65140004	1.3961376	1.14122451	1.87568287	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30265481	1.00E-04	0.72667324	1.00E-04	1.00E-04	0.72869785	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16497545	1.00E-04	1.00E-04	1.00E-04
2.20605806	1.00E-04	1.12775536	0.75352983	1.0600727	1.00E-04	1.00E-04
1.00E-04	0.8339972	1.22584758	0.53555125	0.35870536	1.00E-04	1.00E-04
0.19336288	1.00E-04	1.2024916	0.24745778	0.13992338	0.95637875	0.98620672
1.00E-04	1.00E-04	0.38134465	1.00E-04	0.15169238	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32345396	1.00E-04	0.42236296	1.00E-04	1.00E-04
0.67786814	1.00E-04	0.38116117	0.29046577	0.2360157	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24472329	1.00E-04	0.20317558	1.00E-04	1.00E-04
1.49246356	0.8339972	0.81639798	0.31851678	1.60201649	1.65965965	1.00E-04
2.19587032	1.71540061	2.15288912	1.22931226	1.45956456	1.24543998	0.35134699
0.18236427	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18354477	1.00E-04	1.00E-04	0.11606138	1.00E-04	1.00E-04	2.4896981
1.00E-04	1.00E-04	0.3353193	0.24046095	0.35278785	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40620736	1.00E-04	0.94265393	1.00E-04	1.00E-04
1.00E-04	0.87612072	1.00E-04	0.08792613	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16916982	1.00E-04	0.21805173	0.61731729	0.85224101	1.00E-04	1.00E-04

0.66067693	1.00E-04	0.26050485	0.27258394	0.15392957	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17241709	0.24819224	1.00E-04	1.00E-04
1.00324475	1.00E-04	0.57807752	0.39579916	0.32118084	1.00E-04	1.58064343
0.22816858	1.00E-04	1.00E-04	0.16206903	1.00E-04	1.00E-04	1.00E-04
0.06718044	0.79637057	1.20522276	1.44299307	1.02593744	1.00E-04	1.00E-04
0.14735492	1.00E-04	0.13303064	0.23713929	1.00E-04	1.00E-04	1.00E-04
0.22450226	1.00E-04	1.00E-04	0.19328216	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19356044	1.00E-04	0.90842982	0.29546867	0.49263156	0.79958263	0.91188809
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17546176	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89053086	1.00E-04	1.56654343	0.86557693	1.21731092	1.00E-04	0.48671447
1.00E-04	1.00E-04	0.76438746	1.23729307	0.44042327	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22731653	0.14009469	1.00E-04	1.00E-04	1.00E-04
0.669705	1.00E-04	1.43564074	0.66169815	1.02779921	1.00E-04	1.00E-04
0.62359365	1.00E-04	0.22153162	0.30598141	0.14455498	1.00E-04	2.30474525
0.42093778	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24286172	1.00E-04	0.09649751	1.00E-04	0.25117958	1.00E-04	2.05361687
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08823908	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87456952	0.93603335	1.82304465	0.89066484	1.00E-04	1.00E-04
0.98403848	1.00E-04	0.09910618	0.14009469	1.00E-04	1.00E-04	1.09055109
1.11379986	1.00E-04	0.1539419	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16529919	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17266084	1.00E-04	1.39031454	1.7460417	2.06395915	1.86850864	1.35554374
0.59189656	1.00E-04	0.41576128	0.35405245	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15507585	1.00E-04	1.00E-04
0.47393051	1.00E-04	0.16263967	1.13864324	1.00E-04	1.00E-04	1.26691255
1.03112184	2.78106779	3.09354566	4.13918037	4.33911428	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.81522375	0.48288931	0.5095146	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26456773	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.10522239	1.00E-04
1.20399881	1.00E-04	0.27755477	0.39139547	1.00E-04	1.00E-04	1.00E-04
0.21258493	1.00E-04	0.4939271	1.4481958	0.12125625	1.00E-04	0.46517855
0.46524758	1.00E-04	0.26057653	0.13315922	0.15507585	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.10862089	0.80475104	0.42217475	1.00E-04	1.00E-04
1.00E-04	1.28246279	1.21223466	1.12150717	2.37356861	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8358776	0.97105728	0.09749395	0.43984806	1.00E-04	1.00E-04
1.00E-04	0.68407235	1.07616361	0.84924188	0.67212076	1.00E-04	1.00E-04
0.3329013	1.00E-04	1.00E-04	0.22844206	0.71659336	1.00E-04	1.00E-04
1.07745058	1.00E-04	0.98905085	1.77853364	0.58555007	1.00E-04	1.00E-04

3.09470462	1.17452218	2.55449846	1.66007167	2.38016186	2.84882151	3.13088628
0.14735492	1.00E-04	0.42478316	0.81728284	0.30763289	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64635607	1.00E-04	0.12994377	0.07577735	0.09863458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11639204	1.00E-04	1.00E-04
0.48186498	1.00E-04	1.00E-04	1.00E-04	0.19524902	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13834137	0.71640521	0.61016224	0.61725978	0.45454782	1.00E-04	0.46517855
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.83407091	0.1661423	0.80689245	1.00E-04	0.83430531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.46909026	1.10480104	1.81669968	2.56789137	2.89027127	2.63161487	2.87598589
0.09976055	0.79637057	0.06504071	0.15137277	1.00E-04	1.00E-04	1.00E-04
0.21433745	0.74506998	1.77092273	1.43968422	1.5847523	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20087292	0.10452963	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.95304461	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.04764841	1.00E-04	1.00E-04	0.16429007	0.25117958	1.00E-04	1.00E-04
0.23339927	1.00E-04	0.38658015	0.18323422	0.08815268	1.15746526	1.00E-04
0.32746203	0.87456952	0.35038966	0.51073219	1.00E-04	1.30602804	1.00E-04
1.00E-04	1.00E-04	0.72109153	0.62519113	0.30340006	1.00E-04	1.00E-04
2.07671443	0.79637057	2.0448452	2.80623212	2.24972317	2.0499192	1.40885416
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06336707	2.84480858	2.83312694	2.39817646	2.01104233	1.00E-04	1.00E-04
0.16999556	1.00E-04	1.00E-04	1.00E-04	0.10702905	1.00E-04	1.00E-04
1.79224593	1.09568947	1.7326307	0.93264045	1.10419169	2.30655552	2.30801862
1.50039095	1.26921924	0.9481167	0.45472328	0.56018589	0.97058651	1.80982236
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62591326	1.00E-04	0.64218994	1.91729951	1.25357863	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22578611	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87612072	2.24799347	2.44141184	2.37915299	1.00E-04	1.00E-04
0.84179842	1.00E-04	0.89051288	0.37905524	0.1253092	1.23897179	0.81245127
1.00E-04	1.00E-04	1.00E-04	0.09393249	1.00E-04	1.00E-04	1.00E-04
0.58550115	1.00E-04	1.00E-04	0.65069287	0.48560747	0.72869785	1.00E-04
2.84398852	1.00E-04	0.75373005	1.47812822	0.71056874	0.88323491	1.65645952
0.344714	1.00E-04	0.09186897	1.00E-04	1.00E-04	1.7885998	1.00E-04
0.77837005	1.00E-04	0.16277204	1.38260856	0.25228439	1.23897179	1.89406458
0.36899952	0.8339972	0.79638117	0.44953185	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27660423	1.00E-04	1.00E-04	1.00E-04	0.54195042	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27835992	0.20495603	0.11344173	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12125625	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.65091835	2.06704614	1.80330913	1.66331078	1.00E-04	1.00E-04
0.3995358	0.74506998	1.84080218	1.92607817	1.21147458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11808269	0.45183453	1.00E-04	1.00E-04
0.15946086	1.00E-04	0.05903671	0.16273758	0.29352415	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07348386	1.00E-04	0.09511513	1.00E-04	1.00E-04
0.5756919	1.00E-04	0.0741193	0.11090815	0.12748672	1.00E-04	1.6090669
0.59799139	2.27959959	2.41806548	1.99981407	1.90247025	1.00E-04	1.00E-04
0.78883647	2.36617638	4.34861418	3.71592299	3.3811869	1.00E-04	1.00E-04
0.67359107	1.00E-04	0.27523822	0.67830121	0.74465529	1.00E-04	1.23636362
0.11017854	1.00E-04	0.15550405	0.08680543	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09031792	1.00E-04	0.28102853	0.50355519	0.44547915	1.00E-04	1.00E-04
1.00E-04	1.53447714	2.86920173	1.7941751	1.88321612	1.00E-04	1.00E-04
2.30910165	0.72877389	0.27217353	0.66391811	1.42006919	1.35717362	1.00E-04
0.17029242	0.8358776	0.91871975	1.47663457	2.08483157	1.00E-04	1.84947371
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43542822	1.00E-04	1.15331936	0.68642569	0.10294237	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13447001	0.07577735	0.1476729	0.97058651	1.00E-04
1.1432301	1.00E-04	0.43516852	0.23606895	0.64837306	0.83083207	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08509915	1.00E-04	1.00E-04	0.9583037
4.62318166	2.94762138	3.09145399	3.06152066	2.2928955	1.28837704	1.88539679
1.00E-04	1.00E-04	0.35252596	1.00E-04	0.70510813	1.00E-04	0.81245127
0.2196067	1.00E-04	0.11450942	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.29124406	1.97601466	1.4798304	2.00958208	1.90067575	1.94359426
1.00E-04	1.00E-04	0.16961921	1.03536414	1.49078835	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10418972	1.00E-04	1.31730881	1.00E-04	1.00E-04
0.20399708	1.00E-04	0.08746931	0.13893126	0.14410425	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13251086	0.79637057	1.75341842	0.77325711	0.80980796	2.16902999	0.82029012
0.27183643	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27293106	1.00E-04	0.25025013	0.17822172	0.10894346	1.00E-04	1.07127105
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54167129	1.00E-04	0.46131332	0.41191304	0.83758313	1.31757904	1.37753399
0.06336707	1.00E-04	0.09495869	0.23291285	0.14744713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08590433	1.00E-04	1.00E-04	0.78141142	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22567044	0.71640521	0.47128319	0.94861665	0.32905306	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.20589224	0.39089036	0.40316281	1.00E-04	1.00E-04
1.2946769	1.00E-04	0.36187784	0.50405747	0.26959166	1.24245757	1.00E-04
1.00E-04	1.00E-04	0.29302325	0.2862006	0.32746788	1.00E-04	1.00E-04
1.26428761	1.28518064	2.20100022	2.37447619	2.86741933	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09703757	0.29456878	0.13718086	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16753476	0.0822006	0.28068857	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08765397	0.12223151	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07670308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16978193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11641406	0.08223591	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1685492	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23297528	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1200354	1.00E-04	0.15243164	0.16949462	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.7551454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09863458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.12396442
1.00E-04	1.00E-04	0.26737806	1.00E-04	0.17883029	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3201116	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.83208651	0.3430553	0.3973058	1.00E-04	1.00E-04
0.50126627	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08680543	1.00E-04	1.00E-04	1.00E-04
0.20399708	1.00E-04	0.09703757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.57493342	0.18674416	0.33897851	1.00E-04	1.00E-04
2.10761268	1.00E-04	1.25597139	0.99010178	1.14858265	2.01990779	1.00E-04
0.30191357	1.00E-04	0.09575456	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74506998	1.76158154	0.90494175	1.21158014	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.56121968	0.11808269	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34214643	0.40294281	0.40055459	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2594041	1.00E-04	1.00E-04	1.00E-04	0.29091702	1.00E-04	1.00E-04
0.29969418	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16358717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45934129	1.00E-04	1.00E-04
0.77405506	1.00E-04	0.18698591	0.27821408	0.42750503	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.39886302	1.00E-04	0.10294237	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11641406	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06765176	1.00E-04	0.19854095	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0996928	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7902481	0.08269935	0.19901638	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57905406	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07488174	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12810717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94249913	1.00E-04	0.98552848	0.25115079	0.44035078	1.00E-04	1.00E-04
1.78588767	3.03543127	2.32443031	1.18589893	1.93944458	0.88323491	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12463834	0.1141687	0.08815268	1.00E-04	1.00E-04
0.27811464	1.00E-04	0.13781744	1.00E-04	0.11639204	1.53868404	0.56264051

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.86156618	5.23161244	5.5712235	4.62721431	4.76593716	2.92158671	3.04193811
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06336707	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.18075338	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.72877389	0.92645162	0.31235343	0.19807051	1.00E-04	0.90713248
1.00E-04	0.72877389	0.21460686	0.43252637	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33936464	1.98102902	1.00E-04	1.00E-04	1.00E-04
0.39766919	1.00E-04	0.47913721	0.39016287	0.87925079	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3078586	1.00E-04	0.20281155	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19558922	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87612072	1.57716132	0.47614091	0.85141062	1.00E-04	1.00E-04
0.47639545	0.92068596	1.33924574	1.04449259	0.90862658	1.00E-04	1.00E-04
0.65304194	0.87456952	1.58528254	1.14556563	1.37720533	1.70722753	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5607216	1.00E-04	0.32008038	0.09393249	0.14461624	0.77057821	1.00E-04
2.26283287	0.69779233	1.88507493	1.96544872	0.89610918	2.60920389	2.5284754
1.00E-04	1.00E-04	0.19258224	0.09296692	0.22961345	1.00E-04	1.00E-04
1.00E-04	0.8339972	0.85661544	0.94849332	0.26161938	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3775702	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.2795411	0.09402275	0.21200629	0.40246064	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25897611	0.09375359	0.30569198	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21433745	1.00E-04	0.18350649	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.23173443	0.8358776	1.9518604	1.15367045	1.32189968	2.24682201	2.35979543
1.41916567	1.00E-04	0.85405126	0.93733035	0.22562086	2.08620927	2.26580076
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68773152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55003931	1.00E-04	1.00E-04	0.12615384	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13225393	0.43781697	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48584731	1.00E-04	0.23036855	0.2763805	0.34798941	1.00E-04	1.12271955
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17885078	2.23597757	2.62556313	2.04765051	2.29461884	1.00E-04	0.316869
0.82579253	1.00E-04	1.61919748	0.86549711	1.24775806	1.00E-04	1.00E-04
0.28575302	1.00E-04	0.09485785	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66297023	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89546634	1.00E-04	0.4300792	1.43341653	0.33644649	1.00E-04	1.06680503
1.85567553	1.00E-04	1.22689192	0.52207407	1.49917659	2.26389417	1.79343183
1.00E-04	0.7902481	0.39094953	1.00E-04	0.08815268	1.00E-04	1.00E-04
1.03930539	1.00E-04	1.04471269	0.49260062	0.77651915	1.73668709	1.00E-04
0.65969678	1.00E-04	0.73325926	0.16130923	1.11071892	0.84497321	1.51562731
0.34912154	1.00E-04	1.08359383	0.39412415	0.13631278	1.00E-04	1.00E-04
1.46151232	1.00E-04	1.08556386	1.16639586	1.52430778	1.00E-04	1.99692598
0.07341779	1.00E-04	1.00E-04	1.00E-04	0.10452963	1.00E-04	1.00E-04
1.07742338	1.00E-04	0.96741234	1.31863835	2.23428633	1.00E-04	1.00E-04
0.2844415	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14399149	0.09523547	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10561401	1.00E-04	1.00E-04	1.00E-04
0.42093778	1.00E-04	0.12696973	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06759249	0.87612072	1.34975234	1.12211844	2.58751287	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19143586	1.00E-04	1.00E-04
2.20734912	0.92068596	1.86612089	0.71528464	1.69334018	2.38453338	3.04349663
1.00E-04	1.00E-04	0.12469637	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1194019	1.00E-04	0.13066427	1.00E-04	0.10702905	1.00E-04	1.00E-04
0.37151374	1.00E-04	0.56458008	0.29961792	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29634294	0.09290426	0.53029895	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07348386	1.00E-04	0.63495521	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.05048694	0.63086902	2.11959822	1.00E-04	1.00E-04
2.21746258	1.28246279	2.34405888	1.70462837	1.9875956	3.23767158	2.20355314
1.69380552	0.79637057	1.62519523	0.79805207	2.17607526	1.39699775	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89960054	1.50728894	2.36554976	1.12034701	1.24074656	2.57720472	2.45591582
0.188629	1.00E-04	1.57615537	0.57220815	0.82506102	0.74564767	1.00E-04
1.00E-04	1.00E-04	0.23820182	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10813686	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14368765	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36529593	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98205527	1.00E-04	1.00E-04	0.15446657	0.14744713	1.00E-04	1.00E-04

0.77804736	1.00E-04	0.95744842	2.33714646	0.88888163	1.05970842	1.21902836
0.2070908	1.00E-04	0.83337869	0.51167453	0.89005839	1.00E-04	0.7179807
1.0485175	1.00E-04	0.5788079	0.13737782	0.127027	1.00E-04	1.00E-04
0.91416364	1.00E-04	0.57114422	0.44775248	0.27824583	1.08793411	1.00E-04
1.81369216	1.309432	0.61350898	0.48092638	0.86732841	0.62567961	2.01616049
1.7149947	0.69779233	1.53686833	0.8557438	1.26102803	1.00E-04	1.68525307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24286172	1.00E-04	0.59047907	0.25437739	0.68173536	1.00E-04	1.00E-04
0.38906488	1.00E-04	0.22611012	1.00E-04	0.19143586	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35523782	1.2269695	1.35467836	1.72826276	0.69990489	1.41013435	1.294807
0.87122552	1.00E-04	0.21247838	1.00E-04	1.00E-04	1.00E-04	0.40038755
0.62535221	1.00E-04	0.93774386	0.43166528	0.33815672	1.00E-04	1.0244242
0.75840046	1.00E-04	0.08218983	1.00E-04	0.38036494	1.00E-04	1.00E-04
2.75865743	1.00E-04	0.4447942	0.25151275	1.10122885	2.12387543	2.74750381
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19259979	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.29229541	1.00E-04	1.32114614	0.54888203	2.21940182	1.41350183	0.46517855
1.00E-04	1.00E-04	0.16371972	1.00E-04	0.11639204	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11604183	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16679319	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91676077	1.00E-04	1.1998785	0.86876576	0.61805305	1.08793411	1.5595514
1.00E-04	1.00E-04	0.08280154	1.00E-04	1.00E-04	1.00E-04	1.59975665
1.00E-04	0.8339972	1.4969096	1.27608079	1.00580336	1.00E-04	1.00E-04
0.2626046	1.00E-04	0.24613827	0.3154448	1.00E-04	1.00E-04	1.00E-04
0.47571941	1.00E-04	1.19161729	1.08227585	1.66741669	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17205903	0.07577735	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74506998	0.68647375	1.00E-04	0.09802713	1.00E-04	0.97522957
3.15496601	0.79637057	1.68772323	1.28970579	1.64373819	1.00E-04	0.81245127
1.89953701	1.00E-04	0.09322287	0.11606138	1.00E-04	1.00E-04	1.00E-04
1.11322422	1.00E-04	1.75287672	1.60848144	1.44244144	1.00E-04	1.00E-04
0.32972827	1.00E-04	0.34546259	0.22010311	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40541125	0.50676282	0.77291067	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75686081	1.00E-04	1.35011746	1.00971954	2.29360126	2.45609746	1.51983736
0.36651054	1.00E-04	0.30257537	0.40216964	0.10452963	1.00E-04	1.00E-04
0.30074705	1.00E-04	0.3878619	0.32399549	0.48178866	0.84497321	1.39686577
0.30780921	1.00E-04	0.23811374	1.00E-04	0.1253092	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23835694	0.62136624	0.25980691	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.99150723	1.00E-04	2.36812422	1.68903312	2.34375468	0.82693741	2.25596164
1.96546932	1.00E-04	2.86733231	1.95238076	2.1144083	1.34486071	1.12271955

1.74355715	0.87612072	0.83390941	0.65346918	0.58838965	1.56757883	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28820729	0.13719716	1.00E-04	1.00E-04	1.00E-04
1.44063263	0.8358776	0.36094331	0.70208347	0.61663085	0.94371668	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.17452218	1.63016824	0.85813756	1.22880413	1.00E-04	0.94970493
0.44673118	1.00E-04	0.51414861	0.20720613	0.7442845	0.78141142	1.5344211
1.00E-04	1.00E-04	0.16064588	0.08509915	0.09802713	1.24245757	1.00E-04
1.00E-04	1.00E-04	0.21760349	0.09353219	1.00E-04	1.00E-04	1.00E-04
0.76783573	1.00E-04	0.4741385	0.30325516	0.20596213	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10399487	0.07577735	0.14478141	1.00E-04	1.00E-04
0.73989677	1.00E-04	0.81848729	0.6489805	0.37210002	1.37587247	0.72495184
0.06336707	1.00E-04	0.6213861	0.23446896	0.09863458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19142005	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08929452	1.00E-04	0.3102376	0.51456501	0.64777778	0.46029024	0.48671447
1.00E-04	1.00E-04	1.00E-04	0.14621476	1.00E-04	1.00E-04	1.00E-04
1.51917122	1.00E-04	1.50472966	2.12061221	1.31685599	1.00E-04	1.00E-04
1.05147267	1.00E-04	0.32138943	0.26875923	0.64155815	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33304969	1.00E-04	0.78618779	0.33285206	0.1685492	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.344714	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.00170144
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09511513	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25332656	1.61209193	2.23121549	1.82782016	2.07781414	1.00E-04	1.00E-04
3.54094995	3.02147145	4.80251047	4.52970848	4.87927043	1.8267461	3.07803019
0.22200684	1.00E-04	1.06883467	0.78589156	0.81689162	1.00E-04	1.06680503
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30944616	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33711175	1.00E-04	0.28665233	0.14506476	0.19146895	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29352415	0.96326844	0.48671447
0.21845696	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.25131486
1.00E-04	1.00E-04	1.28718145	0.41019701	0.98850312	0.46029024	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.74769255	1.00E-04	0.18872339	0.16753828	0.67591865	1.00E-04	1.07127105
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.44656947	3.46091324	3.14655196	2.84997854	2.93670244	3.22703398	3.59974817

0.86602064	1.00E-04	1.00E-04	0.21712729	0.23811229	1.00E-04	1.00E-04
1.87800131	1.00E-04	0.16215927	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37084201	0.27447829	0.69563672	1.00E-04	1.00E-04
0.53783923	1.00E-04	1.00E-04	0.07375842	0.39110815	1.00E-04	1.00E-04
1.26604223	1.00E-04	0.68677291	0.78875954	0.23998585	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.55417593	0.39635403	0.1878526	1.00E-04	1.00E-04
0.8723311	1.00E-04	0.29946017	1.00E-04	0.23378269	1.25061534	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55201953	1.00E-04	0.17653268	0.50895912	0.09565186	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2173801	1.00E-04	1.47124471	0.62522169	0.51916143	1.31431266	1.00E-04
1.00E-04	1.00E-04	0.09545996	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87453944	1.00E-04	0.23174763	0.18253524	1.00E-04	1.69294032	0.316869
1.19189993	1.00E-04	0.65702092	0.171335	1.00E-04	1.00E-04	1.26691255
1.00E-04	1.00E-04	0.27656992	0.28918769	0.43355279	1.00E-04	1.00E-04
0.27293106	1.00E-04	0.15498054	0.12279371	0.20495131	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.57113475	0.18920773	0.17713548	1.00E-04	1.00E-04
0.52120562	1.00E-04	0.57797561	0.48804774	1.54951102	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08218983	1.00E-04	0.19143586	1.00E-04	1.00E-04
2.73899529	1.00E-04	1.43385369	2.51009799	1.88472682	2.33188778	2.26321225
0.39257336	1.00E-04	1.00E-04	0.12223151	1.00E-04	1.95479981	1.00E-04
1.00E-04	1.29286903	1.53376	1.06725439	0.73341757	1.00E-04	1.00E-04
0.78762495	1.00E-04	1.04545078	0.61127335	1.70042306	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.44373194	0.24622367	0.24577747	1.00E-04	1.00E-04
0.18529938	1.00E-04	1.00989732	0.18693604	0.87117796	1.00E-04	1.00E-04
0.76161511	1.00E-04	0.10564632	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01661938	1.00E-04	0.49277013	0.47685722	0.15507585	1.00E-04	1.00E-04
0.3995358	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24286172	1.00E-04	0.09356612	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30968549	1.00E-04	0.26087476	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30511782	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10260419	1.00E-04	0.75058366	0.23791553	0.42881414	0.81755274	1.00E-04
2.76264189	1.28352536	2.19420421	2.16828231	1.82330285	2.0458542	2.34381637
0.60730917	1.00E-04	0.29534323	0.10561401	0.17713548	1.30530732	1.5291824
0.06718044	1.00E-04	1.00E-04	1.00E-04	0.11711669	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.57824346	1.00E-04	2.37726673	3.4786053	3.72699393	3.5252493	2.23127782
1.00E-04	1.00E-04	0.1753668	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41863529	1.00E-04	0.37958654	0.17473978	1.00E-04	1.00E-04	1.93833032

1.40134944	1.00E-04	1.00E-04	0.13013465	0.13820197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02734488	1.00E-04	0.59140812	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87157758	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14284657	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10418972	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58044749	1.00E-04	0.0697055	0.1318993	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07348386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12378993	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0741193	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24276071	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22450226	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85260137	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0697055	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34680234	1.00E-04	0.25126814	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.89956609	0.56373535	0.14163853	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40692368	0.06816182	0.21894683	1.00E-04	1.00E-04
0.35705829	1.00E-04	1.00E-04	0.20644254	0.23467918	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.69595655	0.11130594	0.34211482	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.82647722	0.10924105	0.2276834	1.00E-04	0.7070202
1.00E-04	1.00E-04	1.00E-04	0.08823908	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.82651474	1.00E-04	0.12233227	1.00E-04	1.1853365
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88110497	0.72877389	0.77350318	0.80887151	1.46230571	1.00E-04	0.41275046

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37204841	0.09393249	0.127027	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72939713	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31114119	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.97245613	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.13934361	3.96904336	3.9223631	3.59103279	3.93705751	3.89301314	3.31480483
0.87493725	1.00E-04	0.20652085	0.10924105	0.21980078	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45317143	1.00E-04	0.09148407	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09322287	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08621585	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2462827	2.72090464	1.31298745	2.1318079	2.54173025	2.01161151	1.54391513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3546965	1.00E-04	1.00E-04	1.00E-04	0.30040707	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91800302	0.7902481	0.39154247	0.08321284	0.46466048	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11450942	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.86122334	0.57237821	0.39720301	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48219623	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.45157481	1.33855165	3.09997245	2.94657409	2.89582601	3.74977082	4.28109737
0.59829981	1.00E-04	1.00E-04	1.00E-04	0.21887105	1.00E-04	1.00E-04
0.93225957	0.74506998	0.40840719	0.37352462	0.30322925	1.00E-04	1.40124383
1.08116678	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32481508	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.17162179	0.33198248	1.21127227	1.00E-04	1.00E-04
2.78765049	1.2795411	2.58581169	2.25735108	2.38690685	3.3268721	3.06989609
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.24619253	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.5580126	1.00E-04	0.25152694	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.0999296	1.17216702	1.20487935	1.00E-04	1.0244242
1.00E-04	1.00E-04	0.29513744	0.43291177	0.58662001	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.75412974	0.3330459	0.80985589	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68407235	0.74602504	0.52723631	0.48468278	1.00E-04	1.00E-04
0.83228905	0.79637057	0.7038123	0.68488367	0.99674499	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.39773885
0.48759663	0.74506998	1.7296031	1.19525968	1.66118156	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16302885	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10423273	1.00E-04	1.00E-04
0.26535312	1.00E-04	0.55691996	1.00E-04	0.09814195	0.96274275	1.00E-04
3.36481761	4.47804931	3.94932116	3.76412246	4.28770391	4.8778674	3.85126561
1.00E-04	1.00E-04	0.44435	0.10002134	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0575112	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44657766	1.00E-04	1.56264199	1.95978229	1.87529856	1.40857904	1.00E-04
1.54141749	1.24533636	2.58515173	3.3842865	2.58542392	1.00E-04	1.50510097
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16978193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13737782	1.00E-04	1.00E-04	1.00E-04
0.6326414	1.00E-04	0.05903671	1.00E-04	1.00E-04	0.92751185	1.00E-04
0.08716682	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48501957	1.00E-04	1.00E-04	1.00E-04	0.14455498	1.00E-04	1.00E-04
0.32694335	1.00E-04	1.16017738	1.00E-04	1.2601297	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14136026	0.12233227	1.00E-04	1.00E-04
0.84012924	0.87456952	1.42797155	0.66416176	2.11946556	1.00E-04	1.60747247
1.00E-04	1.00E-04	1.00E-04	0.08680543	1.00E-04	1.00E-04	1.00E-04
1.79618761	1.00E-04	1.3590503	0.77646526	0.88681453	0.83083207	2.61298107
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39832598	1.00E-04	0.27501564	0.08557886	0.08815268	1.00E-04	1.00E-04
0.2183871	1.00E-04	0.55567169	0.19325361	0.48893815	1.00E-04	1.86050544
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.83432558	1.00E-04	0.70578031	0.1053363	0.15882988	1.00E-04	1.00E-04
1.56381688	1.00E-04	0.71792193	0.45144497	1.7045268	1.35281744	2.74633584
2.24547714	1.56775168	1.10736043	0.96723158	1.0393374	0.83083207	1.89516995
1.00E-04	1.00E-04	1.00E-04	0.06796023	1.00E-04	1.00E-04	1.00E-04
3.12581835	2.29225992	2.91199729	2.29300453	2.72315079	3.15722372	3.48376181
0.39766919	1.00E-04	0.09019368	0.19887015	0.10813686	1.00E-04	1.00E-04
4.86788989	1.77145913	2.52184307	3.17846395	3.19936347	3.56837166	3.90341518
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.11837368	0.08852014	0.31380252	1.00E-04	1.00E-04
2.36100585	1.00E-04	0.73758242	0.56025041	0.37923787	2.18361171	2.93592919
1.00E-04	1.00E-04	0.07911744	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.52308044	1.18311866	2.29473214	2.09549698	2.04712672	2.10471481	3.37098178
1.21067468	1.00E-04	0.66872089	0.72404861	1.37952088	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16411766	1.00E-04	1.00E-04	1.00E-04
1.23655683	0.74506998	0.74156884	0.47066538	0.71352959	1.00E-04	1.00E-04
0.83896507	3.31876614	1.89902069	1.82058516	1.70003361	1.8638326	0.56264051
0.71948388	1.00E-04	0.28138123	0.19585416	0.33800757	0.96274275	1.01331358
0.58902237	1.00E-04	0.1304964	0.14107641	0.40181122	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08746931	1.00E-04	0.08815268	0.74564767	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13719716	1.00E-04	1.00E-04	1.22697765
0.65195798	1.00E-04	0.59780117	0.65637787	0.225042	1.00E-04	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21280737	1.00E-04	0.56280182	0.56340888	1.09533029	1.00E-04	1.22245167
0.04764841	0.71640521	0.59438604	0.85262988	1.24612758	1.00E-04	1.13786198
0.22708613	1.00E-04	0.0759014	0.34144055	0.20431048	1.00E-04	1.00E-04
2.2828329	1.00E-04	2.07804007	1.48106408	2.65050782	1.53169104	1.05890848
2.3470924	0.92068596	2.01810819	1.36643255	1.79907	1.8207865	0.81245127
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09704178	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.52161168	0.14361603	1.00E-04	1.00E-04	1.00E-04
0.84470384	1.66601981	3.06821144	3.45047713	3.23017166	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.66750304	2.25540337	2.91881919	1.00E-04	1.00E-04
0.22148879	1.00E-04	0.85833536	0.92793409	1.13408438	0.46029024	1.00E-04
1.00E-04	1.00E-04	0.67867796	0.32696136	2.23716416	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23945497	0.10561401	1.00E-04	1.00E-04	1.00E-04
0.86542354	0.8339972	1.60254073	2.08422753	2.46280308	1.87982762	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.31544508	1.00E-04	1.00E-04	1.00E-04
2.52863559	1.00E-04	0.26959071	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24522927	0.74506998	0.21172997	0.42128668	0.55272954	1.00E-04	1.00E-04
0.18236427	1.00E-04	0.13734826	0.15975889	0.08815268	1.00E-04	1.00E-04
2.4041762	1.00E-04	1.44313042	1.33367255	1.3554177	2.40683079	2.29646078
2.03011282	1.00E-04	0.40146543	0.69473274	1.67026442	0.72869785	1.39021388
1.00E-04	1.00E-04	1.00E-04	0.29694648	0.09704178	1.00E-04	1.00E-04
2.80832445	0.8339972	1.55088953	1.02722213	1.35037744	1.60982526	2.26040069
0.12693838	1.00E-04	0.18790765	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32430766	1.00E-04	0.42562128	0.48647526	1.43270411	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16755966	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06844824	0.11614357	1.00E-04	1.00E-04	1.00E-04
0.53930229	1.00E-04	0.46356049	1.18222285	0.5094953	1.00E-04	1.00E-04

1.20135317	1.00E-04	0.09744499	1.00E-04	0.09511513	1.00E-04	1.00E-04
0.26304045	1.00E-04	0.09963551	0.24089815	0.17301519	1.00E-04	1.00E-04
1.03983857	0.79637057	0.54022001	0.19204155	0.6944672	1.00E-04	1.49654572
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07577735	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08321284	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09485785	0.25771818	1.00E-04	1.00E-04	1.00E-04
0.96806145	1.00E-04	1.26049241	1.07004376	1.08026911	0.86494787	1.00E-04
1.16746295	1.00E-04	0.46277172	0.70499699	1.00E-04	0.85260137	1.00E-04
1.18399807	1.00E-04	0.21980168	0.18809491	1.00E-04	1.00E-04	1.00E-04
0.52386181	1.00E-04	0.11605641	1.21104464	1.00E-04	1.00E-04	1.00E-04
1.03808203	1.00E-04	0.21800383	0.28422787	0.28012465	1.00E-04	1.00E-04
1.69409978	1.81222335	1.99625168	1.53264512	1.27311404	0.92751185	1.54743272
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08815268	1.00E-04	1.00E-04
2.08686603	1.00E-04	0.301815	0.80414687	0.15653713	1.00E-04	0.94970493
3.72108695	1.19089243	2.20336853	2.79141886	2.72036459	2.67533098	3.24350802
3.28306047	3.08412688	4.03474476	4.43353415	4.65029669	2.86887815	3.02581813
1.00E-04	1.00E-04	0.08749008	0.22578611	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09849679	1.00E-04	0.10894346	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13922468	1.00E-04	1.00E-04	1.00E-04	1.23636362
0.62659414	1.00E-04	0.42582187	0.30497181	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36806273	1.00E-04	0.69537571	0.28458923	0.48391379	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20164423	0.09749395	0.54742181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.61655508	0.16396449	0.5240169	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.79637057	0.58899226	0.20472454	0.78278165	1.00E-04	1.00E-04
0.65835522	1.00E-04	0.74117771	0.61241378	0.56833694	1.00E-04	1.1752166
0.65227105	1.00E-04	0.07348386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95154377	1.00E-04	0.16371972	0.28278865	0.34175898	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10835368	0.40508982	1.00E-04	1.00E-04	1.00E-04
1.13898338	1.00E-04	0.10212818	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.06331287	0.16273758	0.29973312	1.00E-04	1.00E-04
0.6340879	1.00E-04	0.10414554	0.10659766	1.00E-04	1.00E-04	1.00E-04
0.63820147	1.00E-04	1.00E-04	0.28448915	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21110675	0.08009723	0.15169238	1.00E-04	1.00E-04
0.50668549	1.00E-04	1.00E-04	1.00E-04	0.17713548	1.00E-04	1.00E-04
0.75923815	1.00E-04	0.07227876	1.00E-04	1.00E-04	0.97058651	1.00E-04
0.16999556	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73068805	1.00E-04	1.32582074	1.45072514	1.1135744	2.3108396	1.45670916
0.37676908	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17051253	0.17713548	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0910208	1.00E-04	0.12694344	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75249935	2.32655403	1.45036884	0.2836048	0.69715106	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26057716	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11526422	1.00E-04	0.35412018	0.37787365	0.48111689	1.00E-04	1.46347951
1.00E-04	1.00E-04	1.27781158	0.31146602	0.41798616	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.95865627	0.80849451	0.52457963	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16300102	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.31151447	1.00E-04
1.00E-04	0.79637057	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80745443	1.00E-04	0.78679548	1.07171996	0.21531557	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.63367286	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12391687	1.00E-04	1.43175239
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8339972	1.27834887	1.03763663	1.70243938	1.00E-04	1.00E-04
0.50427887	0.7902481	1.00E-04	0.46663523	0.3246307	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7902481	0.65107413	0.47386651	0.50090406	1.00E-04	1.00E-04
1.00E-04	0.74506998	0.48710732	0.61867493	1.12996061	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.258347	1.00E-04	0.32780034	0.18587909	0.19681031	1.00E-04	1.00E-04
1.33114075	1.00E-04	1.21133049	0.31574843	0.553099	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.31236668	0.66210656	0.85147389	1.10420672	1.00E-04	1.00E-04
1.25782955	1.00E-04	1.99491371	2.03855046	1.93325113	3.8291652	4.36502894
1.19455282	1.00E-04	0.06504071	0.09261958	1.00E-04	1.00E-04	1.00E-04
0.16484259	1.00E-04	0.07670308	0.25443305	1.00E-04	1.00E-04	1.00E-04
1.27278656	0.7902481	0.40542942	0.24037471	1.23468794	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28705321	0.14399149	0.1253092	1.20763674	1.00E-04
1.16905951	1.00E-04	0.05903671	1.00E-04	0.31331184	1.00E-04	0.97863975
1.00E-04	1.00E-04	0.2406063	0.16411766	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37847478	0.65936722	0.48142654	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.55222572	0.14361603	1.00E-04	1.00E-04	1.00E-04
2.62011989	1.2596863	1.59103144	1.37818724	1.25676845	2.14756569	1.70897115
1.45497176	1.00E-04	0.768114	0.44249291	1.70111425	1.24245757	1.86809998

1.61117725	1.00E-04	1.08497089	0.46792645	0.77612292	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.23942188	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21163578	1.00E-04	1.00E-04	0.08624493	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22158111	0.24420116	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08971332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08823908	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17192006	0.30116328	0.45218444	1.00E-04	1.00E-04
0.65579814	1.00E-04	0.82453752	0.2085015	1.36833081	1.00E-04	1.21523587
1.3842879	1.9339979	2.42293714	2.70529581	2.16342003	1.00E-04	1.5862806
0.62162505	1.00E-04	0.71911639	0.83761554	1.76377926	0.88323491	1.22180816
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21887105	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46167906	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71157945	1.00E-04	0.72908127	1.29895453	1.60364195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08280154	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25142978	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.79637057	0.21911792	0.469949	1.00E-04	1.00E-04	1.16048721
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39902551	1.00E-04	0.40892361	0.48553945	0.62822387	1.00E-04	1.00E-04
0.83802512	1.00E-04	1.0855801	0.25961161	0.31008883	1.00E-04	1.00E-04
1.00E-04	0.7902481	1.51455755	0.98476862	1.46036325	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24099902	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.93728691	1.24189244	0.90398826	1.00E-04	1.00E-04
0.08716682	1.00E-04	1.00E-04	0.14542715	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87612072	0.68553606	0.37051165	0.55978666	1.00E-04	1.00E-04
1.64256343	1.23797603	1.57626309	2.09132987	2.90849199	1.96927494	2.4194496
0.29071629	0.71640521	1.07172278	2.61000276	1.1769891	0.71661629	1.66875279
3.1708426	1.60058208	1.81778866	1.6446482	1.11195085	2.11168336	3.18230633
1.11718825	1.00E-04	0.75119627	0.3016555	0.28016077	1.75791089	1.00E-04
1.00766696	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.76609957	2.38609484
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10913195	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1516791	1.00E-04	0.51351715	0.11614357	0.33015814	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1921903	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41412247	1.00E-04	0.75837229	0.2522274	1.00E-04	1.6247739	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16535001	1.00E-04	0.62168103
1.00E-04	1.00E-04	0.18542479	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.48369408	0.47558005	0.98781915	1.00E-04	1.00E-04
3.30596011	1.2795411	1.14623009	1.49927888	1.59987447	4.09652865	3.84933829

0.5286597	0.71640521	1.41584704	1.01919892	1.66012364	1.00E-04	1.00E-04
0.61897936	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.34394646	1.00E-04	0.72757557	1.73361342	1.23069606	1.00952146	0.81245127
1.00E-04	1.00E-04	0.13707339	0.13831052	0.15392957	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6392858	1.45110418	3.07591513	3.23682458	3.08600886	2.87705472	1.82008365
0.20446808	0.87456952	0.18667514	0.10897151	0.1216717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60197135	1.00E-04	1.05055054	0.12143419	0.51910184	1.00E-04	1.00E-04
0.37815317	1.00E-04	0.21950485	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06409322	1.00E-04	1.18469283	1.69264269	2.35186051	1.10522239	1.00E-04
1.09251765	1.00E-04	0.60963509	0.54496231	0.38387285	0.86494787	0.40038755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43089007	3.89584111	1.00E-04	0.85290027	0.12233227	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19651033	1.00E-04	0.60167656	0.77720527	0.55471607	1.00E-04	0.49725191
0.7171347	1.00E-04	0.25255967	0.10087646	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.19267382	0.11639204	1.00E-04	1.00E-04
0.33660395	1.00E-04	0.71820405	2.24491818	1.1064548	1.00E-04	1.00E-04
0.39832598	1.00E-04	0.18596856	0.55139893	0.14478141	1.00E-04	1.00E-04
0.23003214	1.2795411	0.52377453	0.19573298	0.69294411	1.00E-04	1.00E-04
0.07341779	1.00E-04	0.3878785	0.39429066	0.21396403	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.65310932	1.00E-04	1.00E-04	0.22926098	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29476794	1.00E-04	1.36125175	1.00E-04	1.00E-04
0.93934631	1.00E-04	0.66528021	0.49425806	0.33383997	1.00E-04	1.90053849
1.00E-04	0.72877389	0.38050303	0.26504731	1.00E-04	1.00E-04	1.00E-04
0.7343126	1.00E-04	0.47487493	0.30067057	0.19258232	1.00E-04	1.00E-04
0.37993054	1.00E-04	0.68659201	0.48153053	0.20143348	1.00E-04	1.00E-04
0.16967021	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09464251	0.71640521	0.90722168	0.49344218	0.78433387	1.61211528	0.7214142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17262195	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.80468564	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07593463	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10444449	1.00E-04	0.11344173	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12615384	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06336707	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09377747	0.24216845	0.11746998	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32746203	1.00E-04	1.00E-04	0.11808269	1.00E-04	1.00E-04	1.00E-04
0.39663377	1.00E-04	1.00E-04	0.16411766	1.00E-04	1.00E-04	1.00E-04
0.30218343	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20866805	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.41665476	0.68407235	1.73834479	1.96965754	2.26682726	2.61179839	2.70885941
1.03950245	1.00E-04	1.00E-04	0.15144185	1.00E-04	1.00E-04	1.32208337
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37050846	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.68382141	0.13315922	0.3246586	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21401418	0.61804354	0.23160181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12637044	1.00E-04	1.00E-04	1.00E-04	0.13820197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10372144	1.00E-04	1.00E-04
0.78317598	1.00E-04	1.00E-04	0.258809	0.90361459	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23609402	1.00E-04	0.35561837	0.13088155	0.21798051	1.18042507	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63584872	1.00E-04	1.00E-04	0.4247478	0.18101271	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.58311294	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58008892	1.00E-04	0.36214634	0.13013465	1.00E-04	1.00E-04	1.00E-04
0.47251737	1.00E-04	1.00E-04	0.10426514	0.10452963	1.18042507	1.00E-04
0.75467804	1.00E-04	0.08510088	1.00E-04	1.00E-04	0.88323491	0.316869
3.06211816	3.72270086	4.19849113	3.47755783	3.64414968	4.19975102	3.4490379
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11095817	0.14455498	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.21447225	1.00E-04	1.00E-04	1.00E-04
0.85329938	1.00E-04	1.05613866	0.37620421	0.08916315	1.90446678	1.00E-04
0.86049954	1.00E-04	0.82434725	0.11090815	1.00E-04	1.80418512	0.8126727
0.06759249	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39128621	1.00E-04	0.29392757	0.40058434	0.65387281	1.00E-04	1.00E-04
1.17827236	1.00E-04	0.34315963	1.00E-04	0.40676792	1.00E-04	0.56264051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.42622683	1.67066307	1.18358093	1.42892231	0.88297287	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.99380164	0.32480183	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08961591	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11605641	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44506574	1.00E-04	0.10402423	0.21547972	1.00E-04	1.00E-04	0.75069325
1.00E-04	1.00E-04	0.33305815	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73719979	1.00E-04	1.00E-04	1.00E-04	0.11344173	1.00E-04	1.00E-04
0.40278606	0.79637057	0.60170026	0.76687889	1.06096444	0.86494787	1.00E-04
1.00E-04	1.00E-04	0.15576076	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0741193	0.18634537	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	0.17057157	0.45296533	0.86718753	0.88323491	1.00E-04
0.81693134	0.71640521	1.69707063	2.22165142	1.72410054	1.00E-04	1.97383827
0.60853453	1.00E-04	0.96226743	0.7674366	1.03506257	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10369484	1.00E-04	0.3462626	0.09749395	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75940624	1.00E-04	0.33658051	0.07375842	0.28010728	0.62567961	1.00E-04
1.00101698	1.00E-04	0.08280154	0.22625991	0.38475979	1.00E-04	1.57968709
0.70334182	1.00E-04	0.47446641	1.00E-04	0.77012458	1.44718129	1.00E-04
1.00E-04	1.00E-04	0.51811578	0.13755895	0.18255603	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09402275	1.00E-04	1.00E-04	1.00E-04	1.67759919
3.96700568	3.9143383	4.06870423	3.71544814	3.70896959	3.92457797	3.44052429
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13729064	1.00E-04	0.12792029	1.00E-04	1.00E-04
0.44139965	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74332506	1.00E-04	0.08971332	0.65003735	1.23084755	1.15464519	2.22767114
0.44956899	1.00E-04	0.1277904	0.1285221	1.00E-04	1.00E-04	1.00E-04
0.06759249	3.32595191	0.11897115	0.42568423	0.54099838	1.00E-04	1.00E-04
1.13056489	1.00E-04	0.10002775	0.08624493	1.00E-04	0.94371668	0.40038755
0.61326883	1.00E-04	0.32619448	0.25479076	0.27719547	1.00E-04	1.00E-04
1.00E-04	0.8358776	2.02757196	1.11583656	1.20881208	1.00E-04	1.00E-04
0.50758081	0.74506998	0.09880717	0.11567939	1.00E-04	1.00E-04	1.00E-04
0.28575302	2.21245324	0.95221968	0.41207264	1.40702037	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.26747681	0.09511513	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.90122348	3.88023063	3.04584601	3.22680016	1.00E-04	1.00E-04
0.32653891	1.00E-04	1.00E-04	0.18937327	1.81645771	1.00E-04	1.00E-04
0.42477333	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45326172	1.00E-04	0.22559917	1.13539066	1.00E-04	0.72869785	1.00E-04
1.31353492	0.8339972	1.15316978	2.0606852	1.08949259	0.62567961	1.00E-04
1.00E-04	1.00E-04	0.1399591	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.08841619	1.33582455	2.47097991	1.71201191	1.78639123	1.590541	2.19425231
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.20679676
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13394589	1.00E-04	1.00E-04	0.08223591	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.69521795	1.6962477	0.94896937	0.69294195	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38854575	1.00E-04	0.63055496	0.25641217	0.23072498	1.00E-04	1.29750152
1.00E-04	1.00E-04	0.08510088	0.27295122	1.00E-04	1.00E-04	1.00E-04
1.71652423	1.00E-04	0.83658401	0.29466765	0.64032984	1.81494943	1.95693309
0.47251737	1.10823044	0.86514654	0.28298759	0.57638981	1.00E-04	1.00E-04
0.90193849	1.00E-04	0.05903671	0.2231956	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13718086	1.00E-04	1.00E-04
1.00E-04	1.28532547	0.60211406	0.99502536	0.15509212	1.00E-04	1.00E-04
0.08716682	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.18683995	0.39526161	0.09759627	1.00E-04	1.00E-04
1.00E-04	1.39535389	1.255819	0.33262299	0.94011599	1.00E-04	1.00E-04
3.64896418	2.27064715	2.13139258	2.25893408	2.13344574	2.50757832	2.46885644
0.92670861	1.00E-04	0.47152862	1.00E-04	0.11746998	1.00E-04	1.00E-04
3.28076815	0.68407235	2.10289279	1.96285365	2.34658382	2.37937729	2.88106131
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.26806043	1.00E-04	0.66997713	0.70125875	0.52142671	1.96412326	1.00E-04
0.71350659	1.00E-04	0.43797302	1.07489819	0.90887787	1.00E-04	1.00E-04
3.16727448	1.00E-04	1.92343575	1.45185134	0.16978193	1.00E-04	1.11093113
2.41346987	1.00E-04	0.82999747	0.20324476	0.19681031	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13737782	0.1253092	1.00E-04	1.00E-04
0.43208291	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2613061	0.7902481	0.1243805	0.30478869	0.44345868	1.18075338	1.00E-04
1.00E-04	1.00E-04	0.35130539	0.21653654	1.00E-04	1.00E-04	1.00E-04
0.20633034	1.00E-04	0.37764513	0.11299645	0.39992097	1.00E-04	1.00E-04
0.06718044	1.00E-04	0.11605641	0.08431423	0.12564974	1.00E-04	1.00E-04
1.43813943	1.00E-04	0.60113338	0.48705486	0.55784165	1.00E-04	0.56264051
0.40843801	0.74506998	1.00178983	0.52892106	0.90521379	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11780573	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66860302	1.00E-04	1.00E-04	0.13737782	1.00E-04	1.00E-04	1.00E-04
0.53626014	1.00E-04	0.89004321	0.47490126	0.26231242	0.79838122	1.67417629
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00478274	1.00E-04	1.49678724	0.48866352	0.43063798	2.0574912	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.39460009	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09377747	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20795807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16998923	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.57637931	1.00E-04	1.44593618	0.89884818	1.11341779	1.31947418	1.63657098
3.54368082	2.93713911	4.23207052	3.69885026	3.36590296	2.98691353	3.91303327
1.00E-04	1.00E-04	1.00E-04	0.22091793	1.00E-04	1.00E-04	1.00E-04
0.5591806	1.00E-04	0.22098311	1.00E-04	0.19524902	1.79329836	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48541546	1.00E-04	0.05903671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53673011	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71771198	1.00E-04	0.29642589	0.16377638	0.09704178	1.00E-04	1.00E-04

2.0231289	0.8358776	2.35553028	1.23029703	0.83479737	1.56053716	3.0001068
1.00E-04	0.96847026	1.27915889	0.93344441	0.29554295	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93074312
1.21024041	0.7902481	0.86434906	0.46775596	1.06206386	1.90067575	2.33098057
0.4151742	1.00E-04	1.00E-04	0.2491023	1.00E-04	1.00E-04	1.00E-04
1.19505808	1.00E-04	0.61273518	0.13911903	0.13820197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09356612	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15544988	0.1570088	0.19888939	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11897115	1.00E-04	0.10294237	1.10522239	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21531557	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12073834	1.00E-04	0.17965537	0.13781126	0.09565186	1.00E-04	1.43362989
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48524354	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23981908	1.00E-04	0.15562974	0.18863381	0.19524902	1.77923433	1.80492668
1.96741681	1.00E-04	0.83412739	0.89805246	0.459188	1.00E-04	1.40395541
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10260419	1.00E-04	0.07379282	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26265156	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09983193	1.00E-04	1.00E-04	0.20189591	1.00E-04	0.82693741	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12795857	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21598181	0.13318497	1.00E-04	1.00E-04	1.00E-04
2.08023435	0.68407235	1.64967148	1.02762917	1.52976871	2.31529623	1.32483689
0.72757565	1.00E-04	0.57461691	0.46497472	0.50441636	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27107553	0.64174686	0.18289472	1.00E-04	1.00E-04
1.37086755	1.00E-04	2.66226613	1.04680037	2.70793125	1.00E-04	2.8037979
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.82348254	0.51345734	0.50852119	1.00E-04	1.00E-04
0.86428905	1.00E-04	0.06844824	0.20798538	0.73243257	0.81261445	1.00E-04
1.00E-04	1.00E-04	0.16115541	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10639386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12615384	0.12748672	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15721462	1.00E-04	0.24922568	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.46453093	0.69441948	0.76840423	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.38616235	0.43374803	0.17301519	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12610823	1.00E-04	0.83937703	1.00E-04	1.00E-04
1.78668343	1.00E-04	1.00E-04	1.00E-04	0.31331184	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20281155	1.00E-04	1.00E-04
0.10286354	1.00E-04	0.15626648	0.08321284	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09963551	0.08490835	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18334596	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36333733	1.00E-04	1.00E-04
1.06734398	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.12078882	1.85432031	1.58002387	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06287992	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06554964	1.00E-04	0.44547915	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1285221	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09759627	1.00E-04	1.00E-04
0.39734163	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10913195	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30944616	1.00E-04	1.00E-04	0.12988431	1.00E-04	1.00E-04	1.00E-04
1.42272323	1.00E-04	0.79170608	0.21451113	0.23467918	0.86319656	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16437031	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38868447	1.00E-04	0.78398477	0.6978249	0.18101271	2.20282178	0.46517855
0.22395133	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25224736	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.39021388
0.24067853	1.00E-04	1.00E-04	1.00E-04	0.17707887	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.81106727	1.00E-04	1.24159003	1.50720944	2.32918273	1.39342047	1.01961149

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33430662	0.09261958	0.12748672	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97320433	1.00E-04	0.14921884	0.52021302	1.82708155	1.00E-04	1.00E-04
1.47799213	3.04654373	0.85289835	1.5652422	2.43996886	1.75402911	1.10231669
1.96038584	1.25074513	2.2830944	0.46816748	0.66813494	2.13963967	0.68552114
1.82933197	1.00E-04	1.66659968	0.45610727	0.46647397	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.30247988	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10416762	0.37750265	1.07362503	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97613256	1.00E-04	1.05320335	1.29695288	0.6073027	1.00E-04	1.61080832
0.19207974	1.00E-04	1.00E-04	1.00E-04	0.24992474	0.94371668	1.00E-04
0.5989664	1.00E-04	0.09927308	0.12204958	0.37817039	1.00E-04	1.00E-04
0.55136556	1.00E-04	1.65640809	0.29555002	0.51644537	2.13455038	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08223591	0.15392957	1.00E-04	1.00E-04
4.11081319	3.17606626	3.52502339	3.17019985	2.98666	4.03247408	3.93302334
1.00E-04	1.00E-04	1.00E-04	0.1285221	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12466471	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16978193	1.18042507	1.00E-04
0.47801101	1.00E-04	0.51129257	0.51275445	1.34735924	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.61236002	0.10087056	1.00E-04	1.00E-04	1.00E-04
0.32972827	1.00E-04	1.00E-04	1.00E-04	0.18609755	0.83083207	0.68773152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.73884564	0.63257028	0.69322804	1.00E-04	1.00E-04
0.56668846	1.00E-04	1.15181642	0.93552631	0.64565543	1.12785157	1.21902836
1.00E-04	1.00E-04	0.1780417	0.21613979	1.00E-04	1.00E-04	1.00E-04
1.0633577	1.00E-04	0.06287992	0.32622691	0.09511513	1.00E-04	1.00E-04
3.79090943	1.12769243	2.17358553	2.06409516	1.98154708	3.09177026	2.62799288
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38734761	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.818056	1.61300438	0.85731821	0.81975263	1.13319191	1.00E-04	1.00E-04
3.12420095	1.00E-04	1.95448439	2.56429419	2.50016807	1.51660748	2.01918392
0.94346382	1.00E-04	0.19301163	0.33696099	0.31327566	1.00E-04	1.00E-04
0.75925355	2.21458278	2.51536413	2.75992653	2.12281676	1.00E-04	1.00E-04
2.52461165	1.00E-04	1.33624189	2.03334224	1.14242197	1.44402989	1.5960576
0.2626046	1.00E-04	1.00E-04	0.23875167	1.00E-04	1.00E-04	1.00E-04
1.29053611	1.12950432	0.39606108	1.53812655	1.84749137	1.51361684	1.76624754
3.42223309	2.78041321	3.40999837	3.11401506	3.31620882	3.00249208	1.99480611
0.90862385	1.28472534	2.70228289	1.84925179	2.31525889	1.24018221	1.63389973
0.09838717	1.00E-04	0.19484428	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21220773	1.00E-04	1.51261957	1.292156	0.70184053	1.00E-04	1.00E-04
3.22653593	2.34562942	2.85311554	2.74394037	2.90609979	3.05099245	2.5575375

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.127027	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49065254	1.00E-04	0.86792616	2.64167034	2.30106377	1.34637867	1.36750928
0.24340868	1.00E-04	0.12810717	0.0825412	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.5339793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87612072	0.10564632	0.12223151	1.00E-04	1.00E-04	1.00E-04
2.07113846	0.79637057	2.02210977	2.46123012	2.37928838	0.9559646	1.00E-04
0.59866774	1.00E-04	0.15954534	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.62799245	1.16728446	2.60501664	2.59419885	2.38426006	3.6914023	3.88665257
1.00E-04	1.00E-04	0.34153692	0.20571904	0.24705339	1.00E-04	1.00E-04
6.35092988	1.00E-04	3.77091729	4.59036471	4.2672333	4.00402026	4.32124457
3.23209591	2.75770493	2.81663501	2.30265189	2.37621286	1.94892491	2.69772147
2.96314615	1.00E-04	1.13905557	2.13947714	2.10117709	2.07207209	1.81194954
1.06268443	1.00E-04	1.12228469	0.53996096	1.45435887	1.00E-04	0.35134699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.8126349	1.00E-04	2.83734514	2.47329684	2.55540924	3.5962536	3.88024612
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3679174	1.52185008	2.68688737	2.56673453	2.51465483	1.00E-04	1.6489766
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.45434924	0.68407235	1.61503463	2.70131625	2.58397798	1.00E-04	1.35340576
1.00E-04	1.00E-04	1.00E-04	0.10561401	1.00E-04	1.00E-04	1.00E-04
0.10286354	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10286354	1.00E-04	1.00E-04	0.10659766	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.36328254	1.00E-04	0.44922308	0.56459547	0.26523143	1.00E-04	0.49725191
1.87412163	0.68407235	0.6137445	1.60332226	1.0033136	1.2922498	1.68951117
0.17029242	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.21751614	1.71539206	2.43099574	1.89337746	2.56587691	1.16790733	2.70226101
1.00E-04	1.00E-04	0.1956456	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.39294295	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29725393	0.45528232	0.25930806	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40941772	0.27171251	0.26666816	1.00E-04	1.00E-04
4.95549617	0.68407235	3.11353167	3.4923257	3.55336361	4.75535755	5.39579266
2.20308723	1.00E-04	0.9632485	2.34975889	1.95915378	1.69354404	1.13658288
1.96077099	0.8358776	0.41413497	0.94729549	0.52052908	1.00E-04	1.47289691
0.41152901	1.00E-04	1.00E-04	1.00E-04	0.26569268	1.00E-04	1.00E-04
1.80677014	1.00E-04	0.5978983	1.02310475	2.5343122	1.11641065	1.00E-04
0.47227472	1.00E-04	0.10212818	0.09290426	1.00E-04	1.00E-04	1.00E-04
0.23770888	3.11878834	3.82812854	3.08227161	3.10433131	1.00E-04	1.00E-04
1.74420341	1.00E-04	0.84994382	0.58928927	0.66566422	1.00E-04	1.00E-04
0.9077071	1.00E-04	1.09554035	0.73218181	1.53408216	1.87838659	1.00E-04
1.00E-04	1.00E-04	1.05188145	1.38321745	1.1152115	0.97058651	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81178776	1.00E-04	1.29309319	0.88648153	0.98011076	1.00662024	1.00E-04
0.09983193	1.00E-04	0.28099613	0.31394473	0.46174196	1.00E-04	1.00E-04
0.43672867	1.00E-04	0.18542415	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40769986	1.00E-04	1.00E-04	0.13372292	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.46178458	0.77339248	0.22314105	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.89039708	5.58477008	5.81927487	6.36373861	6.213041	4.9480467	4.86102924
1.00E-04	1.00E-04	0.76361831	0.17712769	0.12945	1.00E-04	1.00E-04
1.00715767	1.00E-04	1.00E-04	0.08823908	0.24705339	1.00E-04	1.00E-04
4.12550616	1.2795411	4.14959549	3.96868962	3.65971388	3.83469646	4.12873367
1.00E-04	1.00E-04	0.28472366	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37833198	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03367113	1.00E-04	1.81735621	2.63894838	2.54098564	0.94543129	0.49725191
3.13827041	1.10823044	2.77761365	3.47348913	3.86033248	1.00E-04	1.39562928
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21765067	0.27375261	1.16501629	1.00E-04	1.00E-04
1.46196335	1.00E-04	1.27492585	1.64788459	1.44251861	1.00E-04	0.82486735
0.06301971	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.81794042	1.00E-04
0.30680304	1.00E-04	1.00E-04	0.09660285	0.18491629	1.00E-04	1.00E-04
0.43848289	1.00E-04	0.71543753	0.43510069	0.20215366	1.93456688	0.83430531
4.21506804	2.19030287	3.64595121	2.91608715	3.26370504	4.45313673	4.79929341
2.7648049	1.84345853	4.37328348	3.66802995	3.33006206	2.616726	3.9201638
0.59349259	1.00E-04	0.06554964	0.42642166	0.13992338	1.00E-04	1.00E-04
3.72775694	3.77039277	4.01829635	4.2336945	4.36219322	3.31429708	3.64967489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26361034	0.3181877	0.12564974	1.00E-04	1.00E-04
0.06336707	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13225393	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74506998	1.4851406	1.93948011	0.90178668	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53783923	1.00E-04	0.82618115	0.3650557	0.26666816	1.00E-04	1.00E-04
2.16450766	1.00E-04	3.15846432	2.25145941	2.55812504	2.65511676	3.33153791
0.68829537	0.87456952	1.00E-04	0.12223151	1.00E-04	1.00E-04	0.84167817
0.55979151	1.00E-04	0.25512862	0.22808735	2.12529933	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.84167817
1.27600808	1.00E-04	1.00E-04	1.13957568	0.10294237	1.00E-04	1.00E-04
3.04367412	1.25583846	2.30948078	2.64794751	2.59318618	3.4720281	3.03617746

1.00E-04	1.00E-04	0.14399681	0.08974194	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.00E-04	1.00E-04
0.0766569	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32433003	1.00E-04	0.50138943	0.71245629	0.12748672	1.00E-04	0.40038755
1.45016379	1.2546033	2.40604475	2.48700704	1.72893373	1.00E-04	1.00E-04
5.36236672	3.94109625	4.83955494	4.44365366	4.69685589	4.86357738	5.33306821
4.5749544	0.8358776	3.91641141	4.38154987	4.4144295	3.49312548	3.64611457
0.42586695	1.00E-04	0.27430425	0.19340178	0.10423273	1.00E-04	1.24011905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29969418	1.00E-04	0.40533548	0.26196489	1.00E-04	1.00E-04	0.54053641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51798854	1.00E-04	0.57246222	0.80160234	0.90258888	1.22466735	0.40038755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.07469467	1.00E-04	1.67915638	1.65513029	1.33592058	2.0513275	2.05453744
4.22756006	3.31601051	4.10987829	3.84165396	4.11485936	4.39761473	5.01083022
0.84576127	1.00E-04	0.65677008	0.61741999	1.84706976	0.62567961	1.00E-04
0.45663653	1.00E-04	0.22207824	0.09142772	1.73666291	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21599497	1.65796046	1.00E-04	1.00E-04	1.00E-04
0.2844415	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08871613	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0822006	1.00E-04	1.00E-04	1.00E-04
0.06301971	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.83109978	1.00E-04	0.60364323	0.83396254	0.8649437	1.00E-04	2.43943572
2.77407262	1.00E-04	2.99163258	3.13252764	3.158896	3.5651857	4.23353754
0.21845696	1.00E-04	0.40502397	0.57620394	1.00E-04	1.00E-04	1.69998633
1.18671259	1.00E-04	0.08346022	0.30406663	0.33590073	1.00E-04	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94821424	1.00E-04	0.62526955	1.61126298	0.57049228	0.96274275	1.32800755
0.77722138	1.00E-04	0.48496146	0.44581584	1.16847516	1.00E-04	1.32568218
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.1182912	5.29733098	5.79874865	5.7483192	6.08470937	6.11297051	5.87321981
0.26429471	1.00E-04	1.00E-04	1.00E-04	0.16978193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10444449	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03036302	1.00E-04	0.19531924	1.67246118	0.33025853	1.76643215	0.97863975
1.00E-04	1.00E-04	0.12261016	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24608312	0.22568745	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36367341	1.00E-04	0.06504071	1.00E-04	0.09814195	1.00E-04	0.49725191
1.59294981	0.68407235	0.63295861	1.02207996	0.70625206	0.93702359	1.22697765

1.00E-04	1.00E-04	0.50801906	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7538631	1.00E-04	1.2333899	1.48311453	1.00E-04	1.00E-04	0.56264051
4.47397175	3.68930602	3.90572912	3.86296839	4.18725056	3.58732045	3.75751108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09565186	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.80646878	0.13225393	1.00E-04	1.00E-04	0.7214142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27601834	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21280737	1.00E-04	0.56887089	0.358409	0.15169238	1.58630913	1.00E-04
1.00E-04	1.00E-04	0.1722819	0.08710603	0.16358717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55859222	1.00E-04	0.79616963	0.17403974	1.00E-04	1.00E-04	1.00E-04
1.81110154	1.00E-04	0.54112084	0.28863416	1.00E-04	0.72869785	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13125573	1.00E-04	1.00E-04	1.00E-04
2.04166011	0.79637057	0.56775125	1.59765855	1.49219634	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15455675	1.00E-04	1.00E-04	1.00E-04
0.81782998	1.00E-04	0.78268624	0.48374799	0.3037439	0.81859263	1.00E-04
0.92285396	1.00E-04	0.89690907	0.68326436	1.25369328	1.00E-04	0.97863975
0.98915682	1.00E-04	0.3167529	0.21321666	0.34353042	1.00E-04	1.00E-04
0.32746203	1.00E-04	0.19858446	1.00E-04	0.23535117	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10399487	1.00E-04	0.11639204	1.00E-04	1.00E-04
0.68683843	1.00E-04	0.17818339	1.00E-04	0.89766155	0.81755274	1.00E-04
0.83586918	1.00E-04	0.22542061	0.28679498	0.127027	1.00E-04	1.00E-04
4.42233649	2.90185392	3.78145297	3.90747524	4.06213091	4.28651308	4.33216628
0.40024926	1.00E-04	0.08746931	0.12271058	0.21153079	1.00E-04	1.00E-04
1.0280628	1.00E-04	0.70927558	1.1327252	0.75787507	1.00E-04	1.09929142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.127027	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29893948	1.28787782	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58364769	1.00E-04	1.43632205	1.85638988	2.2296527	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83144704	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19046551	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.09055109
1.00E-04	0.71640521	0.66260086	1.83410379	0.74480727	1.00E-04	1.00E-04
4.56322801	3.96150233	3.74449077	4.77345854	4.61499808	3.79747556	3.64997511
1.62457567	2.27801923	1.21289384	0.91174672	0.8985456	0.93702359	1.00E-04
3.17750101	2.15017192	3.2704709	3.36082748	2.90735253	2.75379734	3.37732805
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07106111	1.00E-04	0.29611667	0.45167795	0.68904647	1.00E-04	1.12396442
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.81626748	2.69372507	3.00585315	2.85495322	3.24591085	2.03687996	2.89593849

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28245392	1.00E-04	0.57645164	0.59786051	0.49779516	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71640521	1.25068391	1.00358719	1.71609643	1.00E-04	1.00E-04
0.89633355	1.00E-04	0.31151646	0.5026373	0.36029224	1.50597694	1.13658288
0.78086803	0.92068596	0.88643886	0.93575245	0.44838678	1.00E-04	1.00E-04
1.5276837	1.00E-04	1.76055452	1.68782244	1.57192427	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15086557	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14735492	1.00E-04	0.15720559	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10897151	1.00E-04	1.00E-04	1.00E-04
0.31985453	1.2795411	0.96637728	1.28911725	0.8373431	1.03499642	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09377747	0.35889726	0.3973058	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.7605982	0.74506998	2.75072338	2.90549398	3.00158137	1.89848975	2.68149901
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52016549	1.00E-04	0.21184391	0.09290426	1.63112754	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63281298	5.47586764	6.16105467	5.51022157	5.62270773	2.09669141	1.12271955
1.00E-04	0.8339972	0.45242239	1.46261645	0.10423273	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.96876445	1.19986386	1.00E-04	1.00E-04
2.43358678	1.31007456	2.15790766	2.096178	1.74742259	2.25239007	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13098198	1.00E-04	1.00E-04
2.74247116	1.81759442	2.88030013	3.44339981	3.4466269	2.36379975	2.67362081
1.00E-04	1.00E-04	1.72392216	1.19268536	0.36119501	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19054967	1.40882897	0.335332	0.68476778	1.63689953	1.00E-04	1.00E-04
2.01934152	0.8339972	2.42728272	3.55431969	3.41438758	1.00E-04	2.54005862
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10913195	1.00E-04	1.00E-04	0.25013661	1.00E-04	1.00E-04	1.00E-04
0.72991632	1.00E-04	0.08218983	0.29046111	0.14744713	1.00E-04	0.40038755
5.87374363	4.81422643	5.1530007	6.06140024	5.84824924	4.13224101	4.51768308
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15652789	0.74506998	1.11982153	1.080251	0.82723828	1.99622767	2.84458666
1.25355985	1.00E-04	1.43002248	0.45281933	0.78129057	1.66181256	0.49725191
1.08816564	1.00E-04	0.69957446	1.8145663	1.62618657	1.00E-04	1.32205519
0.24340868	2.27801923	1.15071149	1.58379309	1.11475466	2.36192245	1.00E-04
4.98004228	3.41023579	2.83896728	3.60228448	3.75215705	5.31279427	5.14356874
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.68910559	1.00E-04	1.60979596	1.53136175	2.00353084	1.9499826	1.00E-04
1.00E-04	1.00E-04	0.0759014	0.24775468	0.17713548	1.00E-04	1.00E-04
0.26858016	1.00E-04	0.07819003	1.4249769	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.99614669	1.80792472	0.64991078	1.00E-04	1.00E-04
2.25483696	1.00E-04	0.6108784	1.26220289	1.22337248	1.00E-04	1.00E-04
0.47922573	1.00E-04	0.0575112	0.14009469	1.00E-04	1.00E-04	1.00E-04
0.57092849	1.00E-04	0.12706557	1.00E-04	0.12233227	1.39885208	1.00E-04
1.00E-04	1.00E-04	0.26253719	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.65406523	2.82893536	4.31428325	5.35643972	5.07803937	3.227627	3.36020756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.90269371	2.01298402	4.07797719	4.10845835	4.51243334	2.33141288	3.23385152
1.00E-04	1.00E-04	0.08621585	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57289946	1.00E-04	0.2007338	1.00E-04	0.09814195	0.62567961	1.00E-04
4.30958659	2.27801923	2.46803343	3.61012899	3.80353064	3.50882325	3.50502517
1.00E-04	1.00E-04	0.09356612	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57215581	1.00E-04	0.71992227	0.55442443	0.65560602	0.95637875	1.00E-04
0.74065668	1.00E-04	0.46970543	1.08738735	1.00E-04	1.00E-04	1.45670916
2.18826909	2.02967035	2.93392933	2.92984223	2.88205184	3.30503923	2.81567902
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1277904	0.10002134	1.00E-04	1.00E-04	1.00E-04
3.37238637	2.24514273	2.77093701	2.06618298	2.25949428	3.49084605	3.26833319
0.89255094	1.00E-04	0.28495457	0.48478821	1.00E-04	1.00E-04	1.00E-04
0.29412275	1.00E-04	1.00E-04	1.00E-04	0.15507585	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12466471	1.00E-04	0.10702905	1.00E-04	1.00E-04
0.1596503	1.00E-04	1.05760282	0.8375417	0.87361571	0.96274275	1.00E-04
0.72021775	1.00E-04	0.98970927	0.74175754	1.66548864	1.00E-04	1.86424012
1.00E-04	1.00E-04	0.15257778	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6026799	1.00E-04	0.0688269	0.80336949	0.10813686	1.06582712	1.00E-04
0.48836594	1.00E-04	0.52874186	0.56224452	0.18218458	1.00E-04	0.87970072
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31460011	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07379098	0.47770214	0.64622699	1.00E-04	1.00E-04
0.31811013	1.00E-04	0.08746931	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80693994	1.84458805	2.60123393	1.88999028	2.15113491	0.81859263	1.73575068
4.05352728	2.27801923	3.17041364	1.97459778	2.58622233	4.33573087	4.51552669
0.47257314	1.00E-04	0.25643259	0.36490428	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.39903152	0.22193824	0.27794079	1.00E-04	1.1752166
0.39734163	1.00E-04	0.27799567	0.14876136	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10813686	1.00E-04	0.56264051
0.45113363	1.00E-04	0.07911744	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86024093	1.00E-04	0.09768721	1.00E-04	0.27590925	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25483803	1.00E-04	0.13359089	0.08680543	0.34160259	1.00E-04	0.62168103
6.33886258	2.8604351	4.55702124	5.67477795	5.52505624	4.70965818	4.72029937
1.00E-04	1.00E-04	0.08292731	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.21306681	0.11946472	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.30467094	1.2795411	1.53588555	0.20733759	0.12748672	0.86319656	1.57653221
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.65469014	0.64208506	0.67460219	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12977775	0.14399149	0.15290548	0.93702359	1.32784087
0.40615413	2.55729486	3.17474716	3.2109982	2.95479315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18517089	0.12279371	0.10423273	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14735492	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40374057	1.00E-04	0.26158066	0.89785289	0.95514217	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.29264838	1.00E-04	0.58809517	1.10099041	0.25542907	1.00E-04	1.21902836
1.50282027	2.62699372	2.89957476	3.28168167	3.62950191	1.51358154	1.81739347
1.00E-04	1.00E-04	0.3572613	0.20297403	0.46115879	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27875154	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.81829293	0.87612072	3.10442808	1.4769056	1.42730141	1.75371139	2.59777851
3.68797351	2.17304217	1.16380009	2.18149976	2.00325831	1.00E-04	1.00E-04
1.02588418	1.2795411	0.5951519	1.07227808	1.42131421	1.00E-04	1.00E-04
0.56763112	1.00E-04	0.08621585	0.18669779	1.00E-04	0.46029024	1.00E-04
2.99332861	1.00E-04	1.13398708	2.81764334	2.36689687	2.69713889	2.30812907
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.69998633
0.70101731	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14009469	1.00E-04	1.00E-04	1.00E-04
1.03215825	1.00E-04	1.65748476	1.6776096	1.24248872	0.89799762	1.00E-04
1.9153926	1.00E-04	1.37021599	2.21417539	1.99244825	1.00E-04	0.68773152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.29228381	1.52114859	0.93988595	1.00E-04	1.00E-04
0.63702326	1.00E-04	0.06767845	1.00E-04	0.88050674	1.00E-04	1.00E-04
0.97484272	0.87456952	0.51983704	0.51115218	0.64262555	1.8723588	1.57128246
0.87283633	1.00E-04	0.43721766	0.09142772	0.15507585	1.00E-04	1.18035161

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.19779139	1.62010814	1.81532331	1.00E-04	1.00E-04
2.46922763	2.99988569	1.71487097	1.96193729	1.53375727	1.81409014	1.64270891
0.06759249	0.74506998	1.00E-04	0.14265486	0.12564974	1.00E-04	1.90112667
0.55073895	1.00E-04	0.32356137	0.4990278	1.33869363	1.00E-04	1.00E-04
0.53500082	1.00E-04	0.19073838	0.15630471	0.41016561	1.00E-04	1.00E-04
0.26810259	1.00E-04	0.69105239	1.08878011	1.00278331	1.34582666	1.32157107
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07963459	0.12279371	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.75292665	0.65811638	0.54739461	1.00E-04	1.00E-04
0.99793064	1.00E-04	1.34477656	1.24249991	2.17056294	1.39885208	1.47282472
2.93238244	1.00E-04	1.5862334	2.77909879	3.20896867	2.74123021	2.76712315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.43697682	3.97142877	4.99323963	4.67074079	4.63192823	5.54067127	5.77545839
0.56763112	1.00E-04	0.34953693	0.90685459	0.16277654	1.00E-04	1.00E-04
0.98750439	1.00E-04	0.76248702	1.37181344	0.74115341	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.8038054	1.24426431	2.29868123	1.86150548	1.02504048	2.03280122	2.59500021
1.78403707	1.00E-04	0.7340873	0.83238408	0.56960156	0.46029024	0.81996147
2.08631955	1.00E-04	0.36496349	0.94297774	1.07431773	1.00E-04	1.00E-04
0.58096086	1.00E-04	0.14207054	0.15630471	0.12694344	1.00E-04	1.00E-04
1.49084455	1.00E-04	1.30777843	1.60355667	1.22788587	0.88297287	2.58939162
0.62481628	1.00E-04	0.18975161	0.80621659	0.91740995	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3267104	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63722191	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0540154	1.00E-04	0.72569405	0.72765436	0.46544807	1.18371736	2.14043335
0.80258674	1.00E-04	0.50211445	1.91270275	1.06838212	1.00E-04	1.00E-04
1.00E-04	1.67565909	0.53975421	0.77964093	2.0725302	1.00E-04	1.00E-04
1.07894136	1.00E-04	0.38010242	0.52992341	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67218329	0.74506998	0.47393057	1.63400045	0.4276501	1.00E-04	0.94970493
0.19984034	0.8358776	2.43019845	1.64067733	2.30157891	1.00E-04	1.153275
2.5433193	1.18676999	2.01833946	2.07016532	2.5109399	2.17494914	2.74240596
1.00377923	1.00E-04	1.00E-04	1.00E-04	0.39027371	1.00E-04	1.00E-04
2.50563785	1.00E-04	1.00405024	2.36815253	1.08053885	1.52435057	1.37019212
0.27504711	1.00E-04	0.61847775	0.6124377	0.31409201	1.11641065	0.94970493
1.14124257	1.00E-04	0.22682083	0.74306809	0.61396928	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.14299658	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08716682	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40281983	1.00E-04	1.00E-04	0.21797076	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.67207386	3.74857718	3.14571763	4.48509526	4.00962399	3.42034025	2.58242794
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10452963	1.00E-04	1.00E-04
0.22832916	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06301971	1.00E-04	1.00E-04	0.15733378	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.74781251	0.08961591	0.46488487	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16819726	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81238447	1.00E-04	0.17912644	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52665887	1.00E-04	0.16793767	1.00E-04	1.00E-04	1.23897179	0.97863975
0.11105565	1.00E-04	0.41165332	1.12551533	0.30440308	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26660174	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56009738	1.00E-04	1.25829555	1.39636789	1.21969095	1.45563445	2.16958648
2.77183739	1.21769093	2.14017295	2.33342324	2.41910172	1.83508738	2.65298362
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20722272	0.14417241	0.24794784	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20399708	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.25074513	0.79714988	1.33695781	0.71596278	1.00E-04	1.99175417
4.02334278	1.77648666	3.51160256	3.40437869	3.38275237	4.49287982	4.28531765
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47724469	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37074544	0.72877389	2.36218398	1.97824636	1.87756477	1.00E-04	1.35340576
1.00E-04	1.00E-04	0.17822731	0.3469807	0.12233227	1.00E-04	1.00E-04
2.16071182	0.71640521	1.57833304	1.66003066	1.91116109	0.96274275	1.43199084
0.92079683	0.68407235	0.07227876	0.21751414	0.30333588	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11078928	1.00E-04	1.00E-04
0.24340868	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77589302	1.00E-04	1.87192194	1.06899247	0.89425102	1.00E-04	0.41275046
1.00E-04	1.00E-04	0.05903671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32746203	1.00E-04	0.40533548	1.00E-04	0.23120854	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11678318	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46805925	1.00E-04	0.09575456	1.00E-04	0.2563966	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10142528	1.00E-04	1.00E-04	1.00E-04	1.36514787
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.69620527	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.64786579	0.87456952	2.45640036	3.17864448	3.26446811	2.25641071	0.80560423
4.365965	2.79673503	4.5035985	3.99602143	4.01955438	4.48714463	4.73948471
1.00E-04	1.00E-04	0.28295157	0.36233974	0.43380725	1.58630913	1.00E-04
1.00E-04	1.00E-04	0.12261016	1.00E-04	0.10294237	1.00E-04	1.00E-04
2.62552346	0.72877389	1.84646865	2.04733827	1.70320867	3.09998987	3.21980532
0.6779404	1.00E-04	0.22593146	0.70589659	1.00E-04	1.08358683	1.153275
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70184886	1.00E-04	0.21950485	0.54089956	0.11711669	1.7885998	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1253092	1.00E-04	1.00E-04
3.69868838	1.00E-04	2.52674008	3.33044277	2.6072437	2.48396162	2.06171432
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28215788	1.00E-04	0.18354715	0.26440709	0.58011047	1.00E-04	1.49862627
0.78091624	1.00E-04	0.33682257	1.44786033	1.41213975	1.00E-04	1.00E-04
3.2924836	0.8358776	3.06127368	3.88663764	3.40038836	1.590541	1.73592555
3.54367415	1.89067081	3.25657538	3.79626785	2.99293648	3.9086802	3.8417938
1.00E-04	1.00E-04	0.09167754	0.27034352	0.12391687	1.00E-04	1.00E-04
1.08171539	0.7902481	0.35262116	1.00E-04	1.00E-04	0.96274275	1.00E-04
0.17050085	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06313611	1.00E-04	0.16624139	1.145819	0.17713548	1.00E-04	1.00E-04
2.52869915	1.00E-04	0.68972869	0.51844555	0.74679335	1.00E-04	0.40038755
1.92679524	1.00E-04	1.56076406	2.29083109	1.59419743	1.00E-04	0.62168103
1.00E-04	1.00E-04	0.09356612	1.00E-04	0.3532894	1.00E-04	1.68581418
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29412275	1.00E-04	1.00E-04	0.09740575	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34568553	1.00E-04	1.00E-04	1.00E-04	0.18268018	1.00E-04	1.00E-04
0.69209054	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95102466	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13125573	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71739445	1.00E-04	0.88148462	1.04345912	0.7457447	2.32308541	0.54053641
0.22395133	1.00E-04	0.57052203	0.08509915	0.16277654	1.31151447	1.00E-04
0.98616131	1.00E-04	0.07911744	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17446606	1.00E-04	0.09182604	1.49021269	1.00E-04	1.00E-04	1.00E-04
1.06495352	1.00E-04	0.39344706	0.30941377	0.21458766	1.00E-04	1.03441279
1.00E-04	1.00E-04	0.39651909	0.34081763	1.95446114	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.25150043	1.00E-04	2.22413539	1.87356766	2.14269912	2.20559254	0.82486735
1.00E-04	1.00E-04	0.12748072	1.00E-04	1.00E-04	1.00E-04	0.7179807
0.24473563	1.00E-04	0.09148407	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.15781278	1.00E-04
1.00E-04	1.00E-04	0.0697055	1.00E-04	0.1216717	1.00E-04	1.3282665
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.09354831	1.00E-04	1.00E-04	1.00E-04	1.51619488
3.65130108	2.07597661	3.44485525	2.45279247	3.49127438	3.50614776	4.17525026
1.00E-04	1.00E-04	1.00E-04	0.07008263	1.00E-04	1.00E-04	1.00E-04
1.02089613	1.00E-04	0.6551407	1.29873885	0.53469972	2.72933104	2.21853434
0.14284657	1.00E-04	1.00E-04	1.00E-04	0.15653713	1.00E-04	1.1787663
1.00E-04	1.00E-04	1.00E-04	0.0824918	1.00E-04	1.00E-04	1.00E-04
0.33705814	1.00E-04	0.75561203	0.92555395	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.05036858	2.438717	3.90246129	4.62896042	4.73403298	4.20822834	4.0409321
1.26407359	4.98553132	5.05921387	5.04755722	4.93430352	1.00E-04	1.29505143
0.30399435	1.00E-04	0.50061036	1.00E-04	1.00E-04	0.88323491	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0688269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59648789	1.00E-04	0.37672743	1.00E-04	1.00E-04	1.00E-04	1.1787663
0.49639226	1.00E-04	0.20444251	0.39666204	0.64932885	1.00E-04	1.12396442
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32876442	1.00E-04	0.41686742	0.59807813	0.17232922	1.00E-04	1.00E-04
0.13941474	0.72877389	1.00E-04	0.16465225	1.00E-04	1.00E-04	1.00E-04
2.95617798	4.16307562	4.58851515	5.08169766	4.76234159	1.10522239	2.26355669
0.13101534	0.72877389	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20812034	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.42510908	0.30616826	0.54281673	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15248859	1.00E-04	1.00E-04	1.00E-04
1.73420432	1.00E-04	1.60243659	1.67005015	2.61061328	0.84473467	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35117893	1.00E-04	1.27378882	2.24112942	1.32950997	1.00E-04	1.21902836
1.31136566	0.87612072	0.31669196	1.17468064	1.44120765	1.00E-04	1.13658288
1.00E-04	1.00E-04	0.54286393	1.00E-04	1.00E-04	1.00E-04	1.39021388
0.84945807	1.00E-04	0.2525668	0.49594675	1.85107988	1.00E-04	0.62168103
0.5792706	1.00E-04	0.91403482	0.66296114	2.28418245	1.00E-04	1.00E-04
3.02475255	1.00E-04	2.86447715	2.87194445	3.31620568	2.96911841	2.69091981
1.00E-04	1.00E-04	0.20183483	1.00E-04	0.66159319	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1436862	1.00E-04	1.15769878	1.11044118	1.89756995	1.86800185	1.20679676
0.46026759	1.00E-04	0.52172338	0.52634728	0.27855216	1.00E-04	2.05993459
0.76262665	1.00E-04	0.69315021	1.00E-04	0.22094176	1.75811948	1.00E-04
1.00E-04	1.00E-04	0.08326693	0.08223591	0.13820197	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21781864	0.13125573	1.00E-04	0.89799762	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42501576	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39750534	1.00E-04	0.47462797	0.10659766	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.12553	0.21335137	0.452047	0.56941721	1.00E-04	1.00E-04
1.3558768	1.00E-04	1.28105598	0.62633458	0.78395009	1.00E-04	1.00E-04
0.83549251	1.00E-04	0.81717207	0.13318497	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47571941	1.19880434	0.25294975	0.94631261	1.42962471	1.00E-04	1.00E-04
4.16000182	1.72704018	3.49651622	4.08205526	4.25295201	2.7231793	3.36526773
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62424319	1.00E-04	0.22811514	1.00E-04	0.13025542	1.00E-04	1.00E-04
1.83509039	1.00E-04	0.50031401	1.31760798	1.81324019	1.00E-04	1.59310286
2.52061153	1.00E-04	1.76337913	1.78295452	2.76504832	2.48944421	1.62051855
0.62138345	2.95626247	3.27555465	2.05297479	2.0756464	1.00E-04	1.00E-04
0.33385759	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.4673144	2.55379098	1.92386462	1.54029614	1.00E-04	1.00E-04
0.68790929	1.00E-04	0.14017602	1.00E-04	1.00E-04	1.00E-04	0.83430531
0.18236427	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.56658334	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99210354	1.00E-04	0.23939788	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.99083424	2.27801923	2.14582932	2.19000446	2.25682222	2.76343667	2.94776078
2.02982508	0.87456952	1.19940901	0.26468868	1.02690875	1.28476083	1.77929073
0.781607	0.69779233	0.86383251	0.46351606	0.97094516	0.84473467	1.00E-04
1.94745926	0.96847026	1.61713086	2.47767733	2.40708329	1.78815332	1.53203099
2.27786128	0.71640521	1.17234581	1.79289843	1.02783846	1.45356943	2.78087973
1.00E-04	1.00E-04	0.45014654	0.13973645	0.17989602	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09354831	1.00E-04	0.16978193	1.00E-04	1.00E-04
0.86026597	0.79637057	0.38091548	1.7217828	0.29454176	1.00E-04	1.00E-04
0.16819726	1.00E-04	0.30106675	0.58042938	1.00E-04	1.00E-04	1.00E-04
0.94653054	1.00E-04	0.16936324	0.27751976	0.08815268	0.86319656	0.68552114
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23405503	1.00E-04	1.00E-04
0.84255955	1.00E-04	0.20728185	1.00E-04	0.21404561	1.00E-04	1.00E-04
1.56134593	1.00E-04	0.31246089	0.45636594	1.43513027	1.00E-04	1.29505143
2.42230863	4.05402525	4.88711913	4.54443924	4.78222533	2.15640696	1.1787663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.35780512	0.7994077	1.52260023	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.15133432	0.60998435	2.120019	1.00E-04	1.00E-04
2.08425162	0.79637057	1.36347381	0.86276197	1.78484328	2.26993268	2.07255411
0.27811464	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88849565	1.00E-04	0.54610004	0.99363872	0.587673	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.29168828	1.00E-04	2.26642941	0.465862	0.94945204	3.50545318	3.67599922
1.11124041	1.73120823	2.15707918	1.68500061	1.49871473	1.00E-04	1.00E-04
1.70544731	1.00E-04	0.16783283	0.87064678	0.40918131	1.00E-04	0.64887302
1.00E-04	1.00E-04	0.12466471	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.88888328	2.05506678	2.83973884	1.00E-04	1.00E-04
1.1663867	1.00E-04	0.53997978	0.52609211	0.28231602	1.69241371	1.10337756
1.00E-04	1.00E-04	0.13734826	0.26382116	1.00E-04	1.00E-04	1.00E-04
3.46145212	3.12152598	4.28229975	3.46379886	3.70089683	3.86725875	3.87774678
1.22164686	1.00E-04	0.71220238	1.07575566	0.32079515	2.60744749	1.1752166
2.9426297	1.16296659	2.14876685	2.01751292	1.79095075	2.54325215	2.452745
1.24113184	1.00E-04	0.31698729	0.13372292	0.35303084	1.00E-04	1.00E-04
2.32039564	1.00E-04	2.27998946	2.71086308	2.53564739	1.00E-04	1.69484965
1.00E-04	1.00E-04	0.25143238	1.25268636	1.00E-04	1.00E-04	1.00E-04
0.50868187	1.00E-04	0.60436488	0.36485329	0.28762434	1.00E-04	1.00E-04
0.35292799	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.7070202
1.00E-04	1.00E-04	0.07209144	0.10561401	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50504669	1.08649412	0.10484578	0.17906618	0.09550581	1.35546678	1.00E-04
0.24139521	1.00E-04	0.09115872	1.00E-04	1.00E-04	0.95102466	1.00E-04
2.58115926	2.87105092	2.0797601	2.78930953	2.22799842	1.00E-04	2.01065585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.25208643	1.00E-04	1.00E-04	1.00E-04
4.01155468	3.29806468	3.9594471	4.82045353	4.4779432	3.28501039	2.65680444
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.19655782	3.8293909	4.60199402	4.13208466	4.20050806	4.97658553	5.08276929
0.65885054	1.00E-04	0.63964431	0.24085206	0.22315793	1.00E-04	1.00E-04
1.35151322	1.00E-04	1.00234153	1.58045985	0.88991504	1.00E-04	1.00E-04
2.71555133	1.00E-04	2.05698378	2.50159029	2.02842492	1.77666935	0.316869
1.00E-04	1.00E-04	0.15271448	0.12795857	0.12233227	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85101037	1.00E-04	1.01495457	0.39394347	0.5322921	1.00E-04	1.45608271
2.51092609	0.87456952	1.449811	2.65484346	1.10709185	1.358258	1.09929142
1.00E-04	1.91576608	1.41183598	0.36622001	0.80341194	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68761772	2.93604666	1.36142213	1.34165536	2.10815584	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71415244	1.00E-04	0.07819003	0.90697707	1.80253325	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18283018	1.00E-04	1.00E-04	1.00E-04	1.09055109

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19082602	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.86391987	1.57344444	2.22502646	1.97776031	2.07905356	2.94465905	3.06796289
1.00E-04	1.00E-04	1.00E-04	0.15845674	0.11078928	1.00E-04	1.00E-04
1.79349168	1.00E-04	0.81881956	1.74669216	1.68602075	0.83873894	1.00E-04
2.01540758	3.86532905	4.04601491	3.60518047	3.7627242	3.4177599	3.87389662
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.75791089	1.00E-04
1.90019966	1.00E-04	1.31095489	2.20480776	2.35744374	2.2691715	2.12192316
1.00E-04	1.00E-04	1.00E-04	0.12129306	1.00E-04	1.00E-04	1.00E-04
7.61485723	1.00E-04	1.950981	2.49830601	1.98814724	3.06935344	3.7290195
1.00E-04	1.00E-04	1.00E-04	0.23663775	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.25519537	0.10902669	0.12945	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50821507	1.00E-04	0.96064908	1.4884842	0.39581144	2.7102901	2.71808298
1.31040699	1.00E-04	0.46384919	0.18242701	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11466092	0.34364063	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0848519	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72495184
1.00E-04	1.00E-04	1.00E-04	0.15733378	1.00E-04	1.00E-04	1.00E-04
0.16999556	1.00E-04	0.58710233	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.65712372	0.18334596	0.41825154	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79530935	1.00E-04	1.00E-04	0.08823908	0.15565817	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.31209996	4.87429446	5.30092874	4.76412126	4.88600321	5.84780831	5.53937084
2.86395696	2.87105092	0.96479149	0.91488562	0.62932783	3.09514101	2.72582384
0.40786831	1.00E-04	0.16414829	0.08710603	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0903597	1.00E-04	0.23870753	1.00E-04	0.21894683	1.00E-04	1.00E-04
2.99610654	1.37137101	1.34715493	1.91304851	2.62941761	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10473028	0.07008263	1.00E-04	1.00E-04	1.00E-04
1.05940943	1.00E-04	0.63364756	0.43827942	0.51941899	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.97324512	1.00E-04	2.54844894	2.28209887	1.76221735	4.00050048	2.82032189
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09646607	1.00E-04	1.07407634	2.34928807	0.91278317	1.62793989	1.22697765
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.14931021	2.19908871	3.62559687	3.53420447	3.29559182	4.71605325	4.72693717
1.34879861	1.00E-04	1.98518045	3.2118347	1.91789504	0.74564767	1.1752166
3.27844269	3.13473909	3.44113784	2.89114015	3.04180765	3.60252262	3.9013003
2.62687143	1.00E-04	1.62341604	1.91441335	1.50907998	2.4321464	2.2981677
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06767845	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09031792	1.00E-04	0.07379098	0.0822006	0.19524902	1.00E-04	1.00E-04
1.30161427	1.00E-04	1.21844103	0.97760583	1.35182574	1.25061534	0.85339342
0.86602064	1.00E-04	0.22752784	0.40109215	0.46756851	1.12785157	1.00E-04
0.18529938	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93074312
0.90036474	1.00E-04	0.1593847	0.72369921	0.18609755	0.86319656	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.18104339	0.395522	1.00E-04	1.00E-04
1.47309066	1.77610515	0.80872561	1.40659226	0.54731248	1.00E-04	0.49725191
1.00E-04	1.00E-04	0.07299269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.45093109	1.00E-04	1.06532207	1.00E-04	1.00E-04
1.93441121	1.00E-04	1.58342238	1.22475236	2.27634756	0.83873894	0.7070202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28426377	0.36037603	0.14566556	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08590433	0.13737782	0.33653518	1.00E-04	1.00E-04
0.6392892	1.00E-04	0.92086596	0.88612379	0.26666816	1.00E-04	1.00E-04
0.33223516	1.00E-04	0.28074271	0.21375295	0.64254357	1.00E-04	0.82486735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29879464	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43000275	1.00E-04	0.08746931	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67431479	1.00E-04	0.26847422	1.21634959	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.84888166	0.18839328	0.29313417	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71727813	1.00E-04	0.95298088	0.52961634	0.81986978	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.88870049	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15169238	1.00E-04	1.00E-04

2.48689089	1.00E-04	0.39470114	1.67896147	0.70903015	1.42422317	1.00E-04
1.65767452	1.00E-04	1.27135781	2.34135541	2.56554012	1.66728182	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67339386	1.00E-04	1.26320966	1.89801224	0.62313543	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25117767	1.00E-04	1.00E-04
2.80885708	1.3386578	2.44622562	2.27192351	2.548909	1.13889295	2.64697724
1.00E-04	1.00E-04	0.41762977	0.20272862	0.09550581	1.00E-04	1.00E-04
0.48576059	1.00E-04	0.0697055	0.22286254	0.12564974	1.00E-04	1.00E-04
3.89736201	1.21891	2.18074645	3.42737029	3.09685191	3.00365057	2.08369176
1.00E-04	1.00E-04	0.09915619	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37074536	1.00E-04	0.46280077	0.85325061	0.52100902	1.00E-04	1.00E-04
1.58186111	1.00E-04	1.01850344	0.54550987	0.91646614	1.00E-04	1.51619488
1.09656322	1.00E-04	1.00E-04	0.32517612	0.33117591	1.00E-04	1.00E-04
2.43753693	1.00E-04	0.51902864	0.89032554	1.37373638	0.89799762	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19863166	1.00E-04	1.00E-04	0.2162086	0.12748672	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.21250061	0.71091324	0.87670778	1.00E-04	1.00E-04
4.41673902	2.44113145	4.04173529	3.76630016	3.9015395	4.55480473	4.85245068
4.55997202	1.00E-04	1.352705	2.1119657	3.40315049	4.53214524	4.4066996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75158771	0.71640521	1.45279831	1.40585585	2.20687622	1.00E-04	1.87152298
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.3270044	3.86404003	5.24044916	4.65635754	4.77106855	1.87357192	3.23651258
1.00E-04	1.00E-04	0.45795039	0.19142347	0.54414286	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31231413	1.00E-04	0.127027	1.00E-04	1.00E-04
0.54668267	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.96274275	0.81996147
1.00E-04	0.87456952	1.00E-04	0.26519878	0.13820197	1.00E-04	1.00E-04
0.6367689	1.00E-04	1.00E-04	0.42348886	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08518202	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29806598	0.19328216	0.15565817	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.92068596	0.74698991	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1399591	1.00E-04	0.13820197	0.82884172	1.00E-04
0.23297528	1.00E-04	0.1529265	0.19419792	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33141926	0.72877389	0.6242903	0.44504685	0.30077216	1.95696717	1.00E-04
1.00E-04	0.68407235	2.54888594	3.73281483	3.93284652	1.00E-04	1.00E-04
6.18500794	3.68981992	4.48995782	5.49588842	5.34728818	4.5724342	4.57627481
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63574986	1.00E-04	1.23462547	2.30903903	0.40061421	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41971502	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.10873802	1.00E-04
0.5031105	1.00E-04	0.33827915	0.13225393	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10564632	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09495869	1.00E-04	0.14461624	1.00E-04	1.00E-04
6.91991196	4.03739784	5.01571883	6.24035308	6.1333795	5.4432417	5.31055316
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.41614874	1.76469617	3.91792453	3.58206894	3.88311285	4.06195288	3.82118053
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.60338764	0.60731506	0.22711223	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3030193	0.24643604	0.2864663	1.00E-04	1.00E-04
0.38385694	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91686021	1.00E-04	0.51677512	0.25671432	1.72063768	0.83873894	1.77394658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.08432076	0.8358776	1.70622478	0.98720057	0.85466854	1.7689204	2.61352753
1.00E-04	1.00E-04	1.00E-04	0.07577735	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68407235	0.09286457	0.31837744	0.75382895	1.00E-04	1.00E-04
0.30780921	3.25269548	3.91104733	4.03788256	3.96677505	0.74564767	1.37041131
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.6016437	1.00E-04	1.00E-04
0.59765154	1.00E-04	1.3990031	1.29541081	0.41937219	1.00E-04	1.00E-04
4.65329729	3.56156817	4.18954551	4.31614231	4.2757499	4.56836913	4.4173932
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17029242	1.00E-04	0.69022958	1.477296	0.7103788	1.00E-04	1.00E-04
0.35355484	0.72877389	1.22809136	1.14769277	1.21959318	1.00E-04	1.00E-04
1.23083209	1.00E-04	0.5550462	1.04254126	0.6057498	1.00E-04	0.316869
0.88671154	1.00E-04	0.4485796	0.20573065	0.36937753	1.00E-04	0.49725191
1.00E-04	1.00E-04	0.09927308	0.17526167	1.00E-04	1.00E-04	1.00E-04
3.99454444	3.13920778	3.06374499	3.78867769	3.97255159	3.08883905	2.92631818
1.00E-04	1.00E-04	0.07655967	0.17146402	0.34618212	1.00E-04	1.00E-04
1.88501253	1.00E-04	1.55751742	0.9926786	1.3171937	2.47075275	0.83430531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.01795844	0.87456952	0.65360262	1.61986842	2.09363747	1.00E-04	0.94608236
1.00E-04	1.00E-04	1.00E-04	0.28313557	1.00E-04	1.00E-04	1.00E-04
0.09031792	0.87612072	1.00883888	0.33389378	0.11711669	1.00E-04	1.00E-04
1.30814602	1.00E-04	0.51743175	0.88735275	0.64892117	1.0281643	1.00E-04
0.64462697	1.00E-04	0.91835628	0.16603165	0.10423273	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73133255	1.00E-04	0.25710885	1.0725806	0.59311523	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92924282	1.3449137	2.23499245	2.58040863	2.66042386	0.84497321	1.92356171
0.64233987	1.00E-04	0.24152334	0.44791052	0.21052221	1.00E-04	0.49725191
0.86080603	1.00E-04	0.15720559	1.00E-04	0.320546	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29094262	0.46254934	0.35738134	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07911744	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.92933792	0.09353219	0.64949054	1.00E-04	1.00E-04
1.613341	1.61000789	3.40503633	3.64966104	3.25684155	1.43054211	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08074249	1.00E-04	0.12233227	1.00E-04	1.58608049
1.24828942	0.8358776	0.66849924	1.37161391	1.4125916	1.00E-04	1.00E-04
0.29585631	1.00E-04	0.30727574	1.44189841	1.00E-04	1.00E-04	1.00E-04
3.77629108	2.26179624	3.50749288	4.12469694	3.67997618	2.92813396	2.95294694
6.16566184	4.0746387	6.16871265	6.529239	6.55066679	5.33759197	5.82825329
1.00E-04	1.12553	1.42161952	0.76694087	2.32350786	1.00E-04	1.12396442
4.28256628	1.00E-04	2.91724498	3.28554731	3.68179934	3.96501457	3.39357786
3.44102981	1.61569811	1.815886	2.5654694	1.99862222	2.4221732	2.97444126
1.00E-04	0.79637057	0.99719315	0.07577735	0.57154128	1.00E-04	1.00E-04
1.0682908	1.00E-04	0.15872967	0.49032481	0.15565817	1.00E-04	1.00E-04
0.37730846	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25458118	1.00E-04	0.54862166	1.13748849	0.53338375	1.60007999	1.00E-04
0.6145834	1.00E-04	1.00E-04	0.10902669	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.28757747	1.08649412	2.38234929	3.20032738	1.98918012	1.51695822	1.16125535
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1216717	1.00E-04	1.00E-04
1.15191716	1.00E-04	0.7776247	1.08528427	0.937318	1.00E-04	2.02848507
0.99860646	1.00E-04	0.1304964	0.21804182	1.4555907	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.44404633	0.23785385	0.1253092	1.00E-04	1.00E-04
3.75576292	1.21891	1.55611441	2.69288018	2.81833074	2.17593113	1.18368356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13066427	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20494092	0.68407235	0.67067485	1.1265202	1.29480225	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.48959773	0.70163353	0.35473174	1.00E-04	1.50501804
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.04831918	1.00E-04	2.02633549	2.93694898	2.17293981	2.83823995	2.13497574
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14148046	1.00E-04	1.00E-04
0.2652369	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.84859322	3.55950787	3.61275628	3.30636815	3.38648734	0.81261445	1.59649178
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.67257004	0.17837026	0.72949482	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88432867	1.00E-04	0.68593549	0.91218771	0.78138928	1.69251172	1.00E-04
1.08286457	1.00E-04	0.31272717	0.36620241	0.42846804	0.82884172	1.00E-04
1.00E-04	1.00E-04	0.0910208	1.00E-04	0.08916315	1.00E-04	1.00E-04
2.52114604	1.00E-04	1.90116535	1.2171509	0.74663009	2.85669223	1.95253986
1.00E-04	1.00E-04	0.40945457	1.00E-04	0.12391687	2.52779649	1.40124383
0.35383158	1.00E-04	0.57257004	0.23329601	0.12233227	1.00E-04	1.40124383
1.32640874	1.58124053	1.15040873	1.81222964	1.64693117	1.00E-04	1.00E-04
0.38518406	1.00E-04	0.32185282	1.00E-04	0.12564974	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09983193	1.00E-04	1.00E-04	1.00E-04	0.30981979	1.00E-04	1.00E-04
1.01832014	0.87456952	0.57165883	0.63645871	0.74446699	1.00E-04	0.40038755
1.00E-04	1.00E-04	0.81552117	0.67569734	1.85275132	1.00E-04	1.00E-04
0.33385759	1.00E-04	0.15710491	0.11808269	1.00E-04	1.00E-04	1.00E-04
0.92031902	0.87456952	1.00203262	0.58547175	0.75930507	1.00E-04	1.40124383
1.00E-04	0.8358776	0.38190662	0.42643777	0.4089216	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.29111515	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.14061365
0.91048558	1.00E-04	0.55708635	0.73982945	1.9632786	0.62567961	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.36741954	1.00E-04	0.16277654	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10913195	1.00E-04	0.18475293	0.39042308	0.229324	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25614829	1.00E-04	0.3425449	0.24521861	0.43306462	1.00E-04	1.01864576
1.89498388	1.00E-04	1.36666573	1.51141429	0.27614839	1.43564554	1.65557094
0.36514303	1.00E-04	1.00E-04	0.0824918	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14808841	0.23386889	1.00E-04	1.00E-04	1.00E-04
0.98615686	1.00E-04	1.00425598	1.42476947	2.05286644	4.85213611	4.6032476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.84167817
1.08315843	1.00E-04	0.33427217	0.44670936	0.09523547	1.34275129	1.00E-04
1.00E-04	1.00E-04	0.21598181	0.68570441	0.26523347	1.00E-04	1.00E-04
1.22733021	1.00E-04	0.4524764	0.36234248	0.14478141	1.00E-04	1.00E-04
2.63512403	0.8358776	0.83373961	0.79935707	1.28272892	1.31151447	1.61884618
2.77666758	3.18397441	2.19457994	1.89991705	2.20498528	2.86688105	2.10690892
3.783664	1.94237128	3.08121718	2.58772334	2.6758837	3.84185621	3.03089269
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.94958818	1.22587756	2.50087198	2.33115942	2.26209036	2.52105824	2.92020281
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57771839	1.00E-04	1.00E-04	0.29293751	1.00E-04	1.00E-04	1.01208735
1.99595547	1.00E-04	0.39065904	1.049718	1.93618572	1.61300593	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05398042	1.00E-04	1.00E-04	0.74559818	1.00E-04	1.00E-04	0.72495184
1.00E-04	1.00E-04	0.20486519	0.18334596	1.55862422	1.00E-04	1.00E-04
3.67331971	1.00E-04	1.90382111	2.60869147	3.08511977	1.68398869	2.05535974
1.00E-04	1.00E-04	0.23444768	1.00E-04	0.13098198	1.00E-04	1.00E-04
0.39766919	1.00E-04	0.15412319	0.5092641	1.00E-04	1.31277371	1.00E-04
2.58195758	1.00E-04	0.34956025	0.42565079	0.90340237	0.72869785	1.93833032
1.00E-04	1.00E-04	1.14176638	0.61660973	0.47783816	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23500396	0.7902481	0.16866669	0.69078682	0.66536832	1.11481773	0.41275046
1.00E-04	1.00E-04	1.00E-04	0.4997881	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58793597	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47423006	1.00E-04	1.00E-04	0.14542715	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17301519	1.00E-04	1.00E-04
3.84995623	2.69989943	3.58587873	3.13762515	3.50994605	3.99262527	4.47609358
0.99175845	1.00E-04	0.38427798	0.08223591	0.33660867	1.00E-04	1.00E-04
3.35332129	0.8358776	3.24278596	3.20062004	2.88861898	2.94806333	2.69849072
1.27683015	1.00E-04	0.67367923	1.39434456	0.46108053	1.93269657	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24317886	1.00E-04	0.20543404	0.26438245	1.00E-04	1.00E-04	1.00E-04
5.24027298	3.37063832	4.51037711	5.16342658	5.165754	4.56463802	4.82990235
2.00978698	1.71607002	2.58194187	2.02205672	2.19944842	2.98322237	1.76785667
6.45269347	4.68183093	5.65022249	6.18666193	6.3406168	4.75587461	5.38770041
0.25168151	1.00E-04	0.05903671	1.00E-04	1.00E-04	1.00E-04	1.10337756
3.86962334	3.539295	4.71146793	4.98337463	4.76966464	3.98554318	3.7543027
0.37707296	1.00E-04	0.39857385	0.0897396	1.00E-04	1.00E-04	1.00E-04

0.48812974	1.00E-04	1.44349665	1.19639359	1.27170115	1.00E-04	0.316869
1.00E-04	1.00E-04	0.06287992	1.00E-04	0.14461624	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.07341779	1.00E-04	0.10416762	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13377378	0.08852014	1.00E-04	1.00E-04	1.00E-04
1.44485037	0.72877389	1.10979718	0.90348374	0.9016687	1.16217417	1.00E-04
1.26441367	1.94415525	3.10021255	2.49282991	2.72351198	1.00E-04	1.00E-04
0.74495864	1.00E-04	0.26284548	0.84147564	1.84780644	1.00E-04	1.00E-04
1.36617294	0.68407235	1.36817798	1.44876744	0.91160958	1.05970842	0.56264051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99686484	1.00E-04	1.20586574	1.00509304	0.71549506	1.00E-04	0.7179807
1.97231015	1.00E-04	0.29847762	0.67430464	1.62545991	3.39185762	3.54911483
1.00E-04	1.00E-04	0.08167072	1.00E-04	0.13992338	1.00E-04	1.00E-04
1.00E-04	0.69779233	1.74550196	1.37550521	1.39862331	0.89799762	1.00E-04
0.62370364	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.92508972
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71426387	1.00E-04	0.7669491	1.00E-04	1.00E-04	1.24135441	1.00E-04
1.00E-04	1.00E-04	0.09356612	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83203533	1.00E-04	1.00E-04	0.08509915	0.1253092	1.00E-04	1.00E-04
3.79634508	0.8358776	2.87557461	2.69899751	3.57762172	2.07429715	2.6823495
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37074536	1.00E-04	0.49496074	0.08557886	0.55822163	1.00E-04	1.00E-04
1.64819921	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.61478216	2.91919478	3.28856599	2.67792444	2.70000349	3.91311031	4.05959047
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.09055109
2.86628301	0.68407235	1.68140224	2.16602494	2.27081725	2.04168081	1.72104293
1.7413818	0.87456952	0.38799883	1.00861626	1.17393309	1.00E-04	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10399487	1.00E-04	0.5766672	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.14295653	0.16130923	1.00E-04	1.00E-04	1.00E-04
0.39572649	1.00E-04	0.86339376	0.2696009	1.07757673	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18059024	0.66518014	0.09863458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.38773418	0.15152652	0.58176817	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30795072	1.00E-04	0.28389183	0.62796399	0.46325514	1.00E-04	0.35134699
1.00E-04	1.00E-04	0.12268675	0.36239549	1.00E-04	0.81755274	1.00E-04

0.06718044	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.9564487	2.80189941	2.6257191	2.99794328	1.00E-04	1.00E-04
2.1040595	1.00E-04	1.98115818	0.96959087	1.99828581	1.76403159	1.55897599
1.00E-04	1.00E-04	0.56938799	1.54591779	0.6127685	1.00E-04	1.00E-04
1.64748796	1.00E-04	1.96533763	2.28044942	2.28689383	1.98039709	0.99382098
0.32348982	1.00E-04	0.32026186	0.19148698	1.00E-04	1.00E-04	1.00E-04
1.27706713	0.87456952	0.21219695	0.97841126	0.50550402	2.05092571	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	3.12994023	2.01721757	2.36009355	2.01528478	1.00E-04	1.00E-04
2.54706854	0.8358776	2.18781792	1.86773202	2.45454108	1.78043628	2.09315098
2.55519494	0.87612072	3.07858262	2.8200917	3.27066287	2.29517482	2.35210694
1.00E-04	1.00E-04	1.00E-04	0.07008263	1.00E-04	1.00E-04	1.00E-04
0.34852092	0.74506998	1.00E-04	1.5833201	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09286457	1.00E-04	1.00E-04	1.00E-04	1.22180816
1.00E-04	1.00E-04	1.00E-04	0.11606138	1.00E-04	1.00E-04	1.00E-04
3.07292192	1.45845871	3.51494881	4.0982018	3.6863134	1.73230283	1.7189387
5.0153556	3.55333381	3.80391395	3.50926092	3.95430688	5.02160118	4.85112688
1.39342381	1.00E-04	1.04462588	0.97605358	0.51485641	0.83083207	0.97522957
1.53119115	1.3386578	1.79497965	1.63243163	2.34690309	1.75707711	2.53707996
0.36546178	1.00E-04	0.27913968	0.38973762	0.21414392	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26333985	1.00E-04	0.3950756	1.26538323	1.38251769	1.00E-04	1.00E-04
0.38901261	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2705916	1.309432	2.05727429	1.5518495	1.52110981	2.22650412	1.22697765
0.1136802	1.00E-04	0.09485785	1.00E-04	0.45176445	1.00E-04	1.00E-04
0.2499135	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30187	1.00E-04	0.11466092	1.00E-04	0.25117958	1.00E-04	1.00E-04
3.06000115	1.00E-04	2.14788396	3.09038654	2.42731085	1.32657905	0.41275046
0.90443224	1.00E-04	0.22080116	0.37263327	0.67310773	1.00E-04	1.48223447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.31416547	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73950421	0.71640521	0.61145454	1.58908488	1.70369336	1.86785333	1.00E-04
0.44068549	0.92068596	1.14478611	1.53388466	1.93073163	0.78141142	1.19335673
1.00E-04	1.00E-04	0.10054642	1.00E-04	0.08916315	1.00E-04	1.00E-04
0.7335645	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22554819	0.11090815	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.13314626	1.25519245	1.76200636	1.00E-04	1.48223447
0.17385489	1.00E-04	1.00E-04	0.08431423	0.43889278	1.00E-04	1.00E-04
0.761889	1.00E-04	0.85747989	0.38664367	0.66840032	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06880281	1.00E-04	0.09523547	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16392906	1.00E-04	0.09523547	1.00E-04	1.00E-04

0.06759249	0.69779233	0.18022686	0.31369698	0.36734361	1.00E-04	1.00E-04
0.39734163	1.00E-04	0.18926558	0.39711279	0.17232922	1.00E-04	1.00E-04
0.2482803	1.00E-04	0.43525692	0.44904654	0.11344173	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73511795	1.00E-04	1.00E-04	0.13973645	1.00E-04	1.00E-04	1.00E-04
0.52120562	1.00E-04	0.50237523	0.61514363	0.74164301	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34413545	1.00E-04	0.20910717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24828412	0.81546348	0.2577444	1.97245613	0.72495184
0.79058663	1.00E-04	1.01019511	1.05704332	2.08986224	1.00E-04	1.00E-04
1.08133452	1.00E-04	0.72486638	0.50270549	1.61626594	1.21290128	1.00E-04
2.05561323	1.00E-04	1.53458204	1.41614916	1.82564912	1.00E-04	1.00E-04
2.55973802	5.09290684	6.11324852	6.74440785	6.42846926	1.61211528	2.28800153
0.91172961	1.00E-04	0.48540927	0.24532092	0.52489634	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16139809	1.00E-04	0.13957128	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23628517	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49725191
4.84920624	3.6502383	4.78882129	5.57351465	5.40322156	3.49286679	3.66014229
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.31443423	1.00E-04
1.00E-04	1.00E-04	0.44945802	0.31425446	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36935206	1.00E-04	0.09963551	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56864868	1.00E-04	0.15086557	1.00E-04	0.11344173	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08383283	0.10969326	1.00E-04	1.00E-04	1.00E-04
0.46354193	1.00E-04	0.29476385	1.00E-04	0.31325837	1.60007999	1.00E-04
0.10913195	1.00E-04	0.28295894	0.10002134	0.27484686	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27607824	1.00E-04	1.00E-04	0.32177967	0.27285976	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41510621	1.00E-04	0.08971332	0.12129306	0.33912841	1.00E-04	1.00E-04
1.00744061	1.00E-04	0.25861038	1.00E-04	0.11078928	1.13698109	1.48223447
6.33680923	3.98186678	4.52408783	4.41514632	4.68982479	6.55366986	6.65933787
1.00E-04	1.76140013	3.15870537	2.91063825	3.43714823	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09660285	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40864846	1.00E-04	0.22696821	1.00E-04	1.00E-04
4.35315189	0.72877389	2.32200169	2.2587198	2.1679792	2.07253881	3.38528918
1.00E-04	1.28232395	0.48551397	1.54669786	2.04759385	1.00E-04	1.9469787
0.56403466	1.00E-04	0.08695588	1.20272185	0.4207959	1.44286217	1.00E-04
0.70069303	1.00E-04	0.12782947	1.00E-04	1.00E-04	1.00E-04	0.54053641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.29118269	0.74506998	0.79860664	0.70920104	2.48134398	4.46213669	4.75999361
1.00E-04	1.00E-04	1.00E-04	0.13318497	0.37134509	1.00E-04	1.0244242
0.99733818	1.00E-04	0.57785379	0.92119387	0.15653713	2.4704802	2.04999482
0.180786	1.00E-04	0.58056459	0.18143064	0.30002605	1.00E-04	0.7070202
0.04764841	1.00E-04	0.33071219	0.2234443	0.48091146	1.00E-04	1.00E-04
0.2342465	1.00E-04	0.37411175	1.00E-04	0.1253092	1.00E-04	1.00E-04
0.4766913	1.00E-04	0.13734826	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28095872	1.00E-04	0.74736568	0.65939006	0.7571091	1.6485068	0.86789477
1.01877088	1.00E-04	1.00E-04	0.35854492	1.00E-04	1.00E-04	1.00E-04
0.23853443	1.00E-04	0.42215571	0.19682232	0.29860017	1.00E-04	1.32568218
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81996147
1.56595486	1.00E-04	0.98173149	1.61596453	1.59798193	1.00E-04	1.00E-04
3.82192634	3.7244745	2.938067	2.04929896	2.58357279	4.10061695	4.06408737
1.00E-04	1.00E-04	0.79363402	0.5049625	0.19089631	1.89412536	0.93074312
1.00E-04	1.00E-04	1.00E-04	0.08223591	0.26591296	1.00E-04	1.00E-04
0.68025304	1.08649412	0.44106811	1.86169366	0.55532891	1.00E-04	0.81996147
1.05982761	1.00E-04	1.1378556	0.82189695	0.91059006	1.00E-04	1.00E-04
0.73473271	1.00E-04	0.49041417	0.8353325	0.14152107	1.00E-04	1.00E-04
0.57270004	1.00E-04	0.44100344	0.78427317	0.127027	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1213016	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21280737	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24581658	1.00E-04	1.00E-04	2.07307228	1.00E-04
1.57461256	1.00E-04	0.49892217	0.8964128	0.86875493	1.00E-04	1.73069339
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87019317	1.00E-04	1.95493717	2.60445924	2.39260095	0.71661629	1.40958075
0.35824356	1.00E-04	0.35402486	0.06816182	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16753828	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0575112	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20129929	1.00E-04	1.00E-04	1.00E-04	0.15509212	1.00E-04	1.00E-04
1.43687757	1.00E-04	0.11678318	0.41331283	0.56352328	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17706812	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0996928	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15507585	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.46408359	1.00E-04	0.54868028	0.24295707	0.17713548	1.00E-04	1.00E-04
0.12636275	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18131522	1.1166062	1.12414674	0.80878371	2.40296552	1.00E-04	1.00E-04
3.82897044	3.26911969	3.31392545	3.95647533	3.85550059	3.21653167	3.00545593
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77057821	1.00E-04
0.91127478	1.00E-04	0.56399782	1.74661524	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13831052	1.00E-04	1.00E-04	1.00E-04
0.72963345	1.00E-04	0.82125356	0.72075814	0.42778741	1.00E-04	1.00E-04
5.94968399	1.00E-04	1.37049907	0.17154006	1.00E-04	1.00E-04	0.68773152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47048318	1.00E-04	0.41471952	0.60047482	0.09814195	1.00E-04	1.00E-04
0.32746203	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.07161648	1.00E-04	1.31737731	1.98648146	0.65890032	1.00E-04	1.42156177
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.83967216	4.73785178	4.68522081	4.48838295	4.30712612	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09148407	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96221682	1.82512526	3.06624436	2.85234853	2.82126602	1.44286217	1.00E-04
0.42189529	1.00E-04	0.87817012	0.86322176	1.8344915	1.00E-04	1.00E-04
0.19863166	1.00E-04	0.22634163	1.23104919	0.13536061	1.00E-04	1.00E-04
3.73759986	3.02848352	3.84672618	3.22106863	4.13143053	4.19518682	4.27154255
6.71147834	6.03921089	6.30135091	5.62945573	5.88277526	7.8092046	7.81379613
0.76295879	1.3386578	3.31974134	2.9889377	2.98017824	0.72869785	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.92919551	1.87203054	1.99410242	2.3815674	1.00E-04	1.00E-04
1.05548522	1.00E-04	1.11034235	0.14542267	0.59860666	1.73407745	0.9583037
2.35894258	1.00E-04	0.64729488	1.38309731	0.48238774	2.23985332	0.316869
1.72223719	1.00E-04	1.00E-04	0.30036265	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.21452073	1.2795411	1.98656617	2.59364847	2.51242081	1.998139	2.25380016
0.64792987	4.15737402	4.76548322	4.9667301	4.87753608	1.00E-04	1.00E-04
0.42359769	1.00E-04	0.26521807	0.17403974	1.00E-04	1.00E-04	1.00E-04
0.74793486	1.00E-04	0.33382285	0.79258912	0.87175251	1.00E-04	0.94970493
1.00E-04	1.00E-04	1.19429698	0.21993888	1.00E-04	1.00E-04	1.00E-04
6.39115239	1.00E-04	1.29708952	1.87350078	0.14410425	1.00E-04	1.00E-04
1.51959907	1.00E-04	0.63798609	1.03408078	0.58386985	1.95330679	1.00E-04
1.00E-04	1.00E-04	0.06504071	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2462013	0.07488174	1.00E-04	1.00E-04	1.00E-04
3.26039218	1.97003051	3.0691743	2.86039097	3.06740486	3.11760228	2.33298982

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.08604192	3.24111529	3.81058474	3.46158463	3.59779167	4.85739512	4.84845768
1.87249985	1.00E-04	0.87347096	0.61648348	1.07943155	1.00E-04	0.89038937
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22450226	1.00E-04	1.00E-04	0.16738395	0.38811056	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74335168	1.00E-04	1.00E-04	0.25350743	0.11639204	1.00E-04	1.00E-04
2.46886938	0.87456952	1.73102781	1.6504034	1.42954649	1.59866628	1.00E-04
0.09031792	1.00E-04	0.35092906	1.00E-04	1.00E-04	0.68203783	1.00E-04
1.00E-04	1.00E-04	0.2462013	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.7240663	0.7902481	1.7128977	2.32612887	1.84585246	1.43054211	0.7070202
1.00E-04	1.00E-04	1.00E-04	0.57569425	1.00E-04	1.31151447	1.00E-04
5.32133344	4.60008289	5.22931843	4.49233317	4.94812748	5.64140947	5.80755151
0.4636125	1.00E-04	0.12268675	0.15783382	0.5435021	1.00E-04	1.00E-04
0.47371231	0.68407235	0.54135223	0.52680065	0.12945	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.15271448	1.00E-04	1.00E-04	1.00E-04	1.20679676
0.53988725	1.00E-04	1.00E-04	0.1213016	0.25260726	1.00E-04	1.00E-04
0.4576517	1.00E-04	0.10418972	1.00E-04	1.00E-04	1.00E-04	0.46517855
1.00E-04	0.8339972	0.32393927	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09927308	0.14982667	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58331537	1.00E-04	1.00E-04	0.09731771	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68358666	2.03063445	2.05850629	1.86884268	2.37801233	1.12785157	2.61074219
1.21554852	0.72877389	0.36758139	0.46409144	0.48515403	2.42718541	1.32800755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08971332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.38671392	0.13318497	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2070908	1.00E-04	0.12261016	0.15535267	1.00E-04	1.00E-04	1.00E-04
0.19336288	1.00E-04	0.11159101	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30112697	0.0848519	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28726183	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34427009	4.43255854	4.95662541	5.26207562	5.25126835	1.00E-04	1.01194579
0.52805066	1.00E-04	0.10835368	0.11090815	0.24664428	1.00E-04	1.14061365
0.41862068	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.316869
3.89854077	2.09462798	3.76953836	3.03049467	3.38407855	3.55675207	3.93289105

1.00E-04	1.00E-04	0.0575112	0.11868081	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.80198368	1.77098361	1.45726907	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19875269	1.00E-04	1.00E-04	0.62567961	1.00E-04
0.54608591	1.00E-04	0.21038897	0.08680543	1.00E-04	1.00E-04	0.56264051
0.04764841	1.00E-04	1.00E-04	0.08431423	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17836557	0.08557886	0.25365803	1.00E-04	1.00E-04
0.94006622	1.00E-04	0.16826185	0.11090815	0.48137967	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.02307347	1.39128523	0.93836005	1.3406516	1.00E-04	1.93833032
0.29771065	1.00E-04	0.11586018	1.00E-04	0.23120854	1.00E-04	1.00E-04
0.24067853	1.22587756	1.53394736	2.40615954	3.34711862	1.00E-04	0.96655867
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.54743895	0.10902669	0.48790979	1.00E-04	1.00E-04
0.44770202	1.00E-04	0.87990731	0.53245671	0.91955434	1.00E-04	1.00E-04
3.17053311	1.56775168	2.47208724	1.33598815	2.03915128	0.81755274	2.14290917
0.32070646	1.00E-04	0.25969678	0.09660285	0.08916315	1.00E-04	1.00E-04
0.1136802	1.00E-04	1.00E-04	0.22578611	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22395133	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.79203451	0.55739339	0.13098198	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.91589246	1.51272876	2.83275816	3.10230109	3.20903604	3.16722828	3.51494399
3.14727446	0.87612072	1.56747254	2.56555161	2.91801257	0.72869785	2.39025329
0.8190765	1.00E-04	0.58555517	1.00E-04	0.39217647	1.00E-04	1.56045023
1.00E-04	1.00E-04	2.40073349	1.99833641	0.23451539	1.00E-04	1.13786198
1.00E-04	3.24032207	4.05663592	3.04604455	3.5078254	1.00E-04	1.00E-04
0.09976055	1.00E-04	0.23545489	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46974883	1.00E-04	0.99009717	0.7139143	0.49723633	1.18042507	1.00E-04
0.4144057	1.00E-04	1.1662782	1.05491454	0.36722458	1.31151447	1.35171603
2.08937862	1.00E-04	1.00E-04	0.37768539	1.29138058	1.00E-04	1.00E-04
0.19082602	1.00E-04	0.25819066	0.16130923	0.26393234	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.59016631	0.21993888	0.84583544	1.00E-04	1.00E-04
0.74819164	1.00E-04	1.57676811	1.06360897	0.94930302	1.00E-04	2.02323422
0.52462648	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18183713	1.00E-04	1.00E-04	1.00E-04	0.11946472	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4782813	1.00E-04	0.53420085	0.86820435	0.30464051	1.00E-04	1.00E-04
2.45826078	0.69779233	2.33560002	3.02960233	2.25914941	1.70683966	1.00E-04
0.55293329	1.00E-04	0.634169	0.59903595	0.51414262	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.34209007	3.25493396	2.43283959	2.59703296	2.73408616	3.67716493	3.19622131
1.37905988	1.00E-04	1.22775804	0.53941696	0.16358717	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.40533548	1.00E-04	1.00E-04	1.00E-04	0.79505536
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15169238	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.90175627	1.56839355	2.9087363	3.70806763	3.15860874	1.8354119	2.46032042
1.00E-04	1.00E-04	0.73855169	1.00E-04	1.00E-04	0.46029024	1.00E-04
1.20206061	1.00E-04	1.81893308	2.70515153	1.77391435	1.00E-04	0.40038755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.67971909	1.00E-04
0.3121356	2.39538893	3.8482134	3.35712003	3.26851186	1.00E-04	1.00E-04
0.49969646	1.00E-04	0.21304364	0.33583512	0.15392957	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90009463	1.00E-04	0.55428176	1.68826366	1.20547074	1.00E-04	1.35340576
1.00E-04	1.00E-04	0.10835368	0.35105043	0.25227726	1.00E-04	1.00E-04
5.14842298	2.69702337	4.17042858	3.77600476	3.88303458	4.33193853	4.76063921
1.77096253	1.00E-04	1.53093128	1.48849569	1.77285636	1.00E-04	0.75524083
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.48727743	0.8358776	2.32039358	1.27932492	1.93567957	1.24926346	2.60857724
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18700965	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47696663	1.00E-04	0.3256155	0.45518858	0.37791463	1.00E-04	1.00E-04
0.96840002	1.00E-04	0.19125528	0.20139959	0.22104232	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09185911	1.00E-04	1.00E-04	1.00E-04
0.180786	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35195351	1.00E-04	1.60024093	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54942638	1.00E-04	0.74686873	1.05806775	2.31379523	1.32413304	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21723843	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25596879	1.00E-04	0.20032327	0.45798547	0.55960472	1.00E-04	0.316869
3.09658608	2.70702846	2.23741383	2.12774849	1.92087104	3.33730711	3.29224728
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72212925	2.11944847	2.69324846	2.63796757	2.23609184	1.97315209	2.96669261
0.61362138	1.00E-04	1.00E-04	0.21214233	1.00E-04	1.00E-04	1.00E-04
0.54541719	1.00E-04	0.6043995	0.32814132	0.10294237	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.56102107	0.87612072	0.09060953	1.03442933	0.12391687	1.00E-04	1.00E-04
1.87246389	1.7275061	2.41895944	2.710065	2.68672146	1.89141593	1.23289092
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83892795	0.87612072	0.43696804	0.36563917	0.35626166	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64404241	1.00E-04	1.00E-04	0.13328809	1.00E-04	1.00E-04	1.00E-04
4.27952785	3.6081602	4.34908492	4.08920152	4.09916583	3.89732039	4.01533463
0.56740551	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08716682	1.00E-04	0.28301669	1.00E-04	2.10804511	1.00E-04	1.00E-04
0.64855694	1.00E-04	1.00E-04	1.00E-04	0.12343101	1.00E-04	1.00E-04
4.47703613	3.18652366	3.80139864	3.02497044	3.24436817	3.0240864	2.5971319
0.73281282	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75956808	1.00E-04	0.39259745	0.16886702	0.33760733	0.96274275	1.00E-04
3.39045101	1.00E-04	2.75282574	2.79701753	3.64148158	6.39262754	6.05173023
3.14948141	1.58638504	1.51818133	1.35531461	2.54576647	2.80872499	2.78268878
2.40427907	1.00E-04	1.00E-04	1.40627655	0.66183015	4.376621	4.4514479
0.47571941	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68407235	1.2085626	0.61402342	1.45595044	1.00E-04	1.00E-04
1.21929108	1.22587756	1.92327231	2.6336886	1.41408736	1.00E-04	1.63068512
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90579236	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10260419	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.32812304	4.19621901	4.85430514	4.62537403	5.05715523	5.39346203	5.55624994
1.00E-04	1.00E-04	1.00E-04	0.25050894	0.25117958	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.00E-04	1.00E-04
0.24883186	1.00E-04	0.10137643	0.71210226	0.51523214	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83342955	1.00E-04	1.00E-04
0.71327714	1.00E-04	1.00E-04	0.27748962	2.05522493	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15507585	1.00E-04	1.00E-04
0.26535312	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27601834	0.14136026	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17969558	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.61399264	1.85768931	3.44549304	3.38887271	3.56787553	3.92664406	3.84977181
1.00E-04	1.00E-04	0.73005957	0.62424306	0.26137432	1.00E-04	1.00E-04
0.51744356	1.00E-04	1.00E-04	0.10561401	0.15565817	1.00E-04	1.00E-04
0.1136802	1.00E-04	0.13909974	0.28224243	0.18609755	1.00E-04	0.82486735
1.00E-04	0.74506998	1.07553886	0.62354768	1.75159673	1.00E-04	1.00E-04
2.50858664	2.4879488	2.90540412	2.54626941	2.91008635	2.92090725	2.41454762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33705363	1.00E-04	0.05903671	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16533628	1.00E-04	0.43692142	0.41604418	1.47009292	1.00E-04	1.00E-04

0.30944616	1.3386578	0.2264785	0.66068031	0.958398	1.00E-04	1.00E-04
2.49080653	1.00E-04	1.77437075	2.46441588	1.11397808	1.00E-04	1.00E-04
1.95984492	2.85390194	3.1646384	3.68146294	3.63113636	0.86494787	0.81996147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56264051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1671021	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12636275	1.00E-04	0.47316528	0.29432119	0.15565817	1.00E-04	1.00E-04
3.34590482	4.30201414	4.87517846	4.28563011	4.28659936	3.3767697	3.53769875
2.9616955	3.01783256	3.6463297	3.27247217	3.13102856	3.21845535	3.12232996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51931763	1.00E-04	1.00E-04	0.21758732	0.54172269	1.00E-04	1.00E-04
0.19082602	1.14856053	2.29599165	1.62111834	1.4482223	1.49019788	1.3282665
0.50258216	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.48764932	1.00E-04	2.67941755	2.09857849	2.05449879	3.36396398	2.77293314
1.00E-04	0.68407235	0.48197071	0.62622058	0.09704178	1.23405597	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21251484	1.00E-04	1.00E-04
2.85829602	2.49101316	4.43151833	4.98431449	4.83051442	2.43415869	2.21518448
1.00E-04	1.00E-04	0.95096412	0.50622095	0.54138965	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32274687	0.2396494	1.00E-04	1.00E-04	1.00E-04
0.69971182	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.79889273	1.00E-04	1.37683316	2.79674032	2.21159483	1.99175253	1.63057406
1.00E-04	1.00E-04	0.1568122	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.41265635	0.85536847	0.53248621	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16411766	1.00E-04	1.24245757	1.00E-04
6.08319644	1.00E-04	2.17210668	2.31050894	0.20281155	1.00E-04	2.53987143
1.00E-04	1.00E-04	0.66645084	0.80052703	0.24056827	1.00E-04	1.52150205
1.00E-04	1.00E-04	0.1399591	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	3.67403737	3.2905675	2.71748884	2.90485917	1.00E-04	1.00E-04
3.71523609	0.92068596	2.03514779	2.22697728	2.81214882	3.73755612	3.57136651
1.11208011	1.00E-04	0.65970414	0.30106412	0.42492527	1.00E-04	1.00E-04
0.12491829	1.00E-04	1.00E-04	0.35589003	0.12564974	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08961591	1.00E-04	1.00E-04	1.00E-04
3.8576169	3.40243175	3.32846941	3.108207	3.25000343	3.02960388	2.54116971
0.98351215	1.00E-04	1.00E-04	0.20868015	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5545966	2.77911942	3.06002692	1.84395127	1.58878536	1.00E-04	1.68984479
0.67898311	0.8339972	1.22587206	1.9977863	1.02650754	1.00662024	1.9247046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.35053254	1.00E-04	0.56110331	0.35583128	0.93937639	1.96311475	2.48841439
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.47468762	1.00E-04	2.6489492	2.171645	2.424384	2.20148364	3.34396334
2.8630745	0.87456952	2.27928993	2.52452418	2.70061041	2.64402222	2.54984556
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80481809	1.00E-04	1.76506356	1.26101551	2.45446878	1.56112615	0.96655867
0.24494317	1.00E-04	0.10424131	0.30813418	1.45342988	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27861993	1.00E-04	1.00E-04	0.08009723	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.9898387	3.92373117	5.36198863	6.37658651	6.17544627	5.98156228	5.6136061
4.74405836	4.04909212	4.53432307	4.14494112	4.29866422	4.68697723	4.72209405
3.58246756	2.6462439	3.40534454	4.24026575	3.87014109	1.91718372	3.26512974
1.22201126	1.00E-04	0.15760686	0.63768062	0.37871269	1.00E-04	1.00E-04
0.24340868	1.00E-04	0.48971522	0.31711868	1.00E-04	1.00E-04	1.00E-04
1.12071883	1.00E-04	0.73700728	1.67431571	2.33145186	1.00E-04	1.07063054
0.55106492	1.00E-04	0.65165512	0.571409	0.36920688	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.55031216	1.00E-04	0.09759627	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18512481	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34792759	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.53950138	4.14915906	5.11900054	4.7575925	4.92674857	5.56299962	5.61140662
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31460011	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42957603	1.00E-04	0.35524687	0.18777531	0.15882988	1.00E-04	1.00E-04
1.57203127	1.00E-04	0.99180794	2.14060822	2.56105633	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87274298	1.00E-04	0.09744499	0.15455675	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.83378637	1.47177784	2.63174775	3.92380248	3.19950821	1.83683725	2.88140253
1.00E-04	1.00E-04	0.47314775	0.5496807	0.43864317	1.00E-04	1.00E-04
0.48641797	0.8339972	0.34362265	0.41464819	0.39937082	1.00E-04	1.00E-04
0.28680125	1.00E-04	0.20795807	0.0848519	0.31104628	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12225379	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94270127	1.92132311	2.58433061	2.83514988	2.58424324	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08590433	0.07488174	0.29059262	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15450124	0.28770732	1.46021335	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.09290426	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.63509416	1.25961764	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51105209	1.00E-04	0.14890014	0.51102286	1.09271292	1.00E-04	1.00E-04
2.74073003	1.00E-04	1.50642277	2.17178555	0.87574845	2.71259965	2.47604941
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.5164636	2.5923876	1.89566067	1.31217429	1.5667475	3.46202607	2.14312261
0.81978549	2.8387754	4.10690568	3.43289085	3.97400715	1.00E-04	1.00E-04
0.22816858	0.71640521	2.83426544	2.23488561	2.39445436	1.00E-04	1.00E-04
2.66687381	1.46691335	2.52686316	2.43663812	2.31509515	1.89214042	1.81371964
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50143195	2.96894006	1.98339018	1.2565461	2.43432181	1.18042507	2.14182143
1.00E-04	1.00E-04	1.04234296	1.92537587	1.40681613	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21922412	0.13737782	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1025689	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80615813	1.3386578	0.0697055	0.19340178	0.24720114	1.22466735	1.00E-04
0.32746203	1.00E-04	0.76003717	0.60350996	1.18745371	0.97412898	1.00E-04
1.46541381	1.00E-04	0.47085782	0.8507401	0.19917504	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88939019	0.7902481	1.83395751	0.66281315	0.78831147	1.30530732	1.16065179
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.14819002	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71514167	0.71640521	0.95040333	1.2142847	0.74023309	1.5540017	1.25654185
0.40281742	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39734163	1.00E-04	0.37133776	0.14265486	1.00E-04	1.00E-04	1.00E-04
0.73175241	1.00E-04	0.18363261	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.03472653	4.39105023	5.00324585	4.77289782	4.76393877	5.43388043	5.48922698
0.58845283	1.00E-04	0.08961241	1.00E-04	0.19681031	1.00E-04	0.7214142
1.00E-04	1.00E-04	0.15257778	0.0814007	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.3310626	3.13201118	2.64520556	2.47864906	2.26393489	2.72999216	3.80421329
0.52415991	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.25570867	2.80039456	4.04748377	4.36622884	4.06697134	3.63122397	4.12146786
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06844824	0.29016022	0.08815268	1.00E-04	1.00E-04
1.43693623	1.00E-04	1.25035293	1.67329264	1.30647427	1.00E-04	1.29750152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10372144	1.00E-04	1.00E-04

0.73438071	1.00E-04	0.22374868	0.11095817	1.00E-04	1.00E-04	1.00E-04
0.72839426	0.87456952	0.98987873	1.21723752	1.97993361	0.89799762	1.00E-04
0.36002716	1.00E-04	0.62032387	0.0822006	0.32118084	1.00E-04	1.00E-04
0.27875263	1.00E-04	0.26890996	0.13125573	0.12233227	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.59039338	0.36530734	0.59044186	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54483434	1.00E-04	1.00E-04	0.08961591	0.39471071	1.00E-04	1.00E-04
0.27632789	1.00E-04	0.47912569	0.60712562	0.44370419	1.22399854	1.26389675
2.67049348	1.82293172	1.87254021	2.01338671	2.08945723	2.45559628	3.05436965
0.36776889	1.2795411	0.57933618	0.46742779	0.36918902	1.00E-04	0.81996147
1.25738786	1.00E-04	0.85290719	0.23428066	0.20150796	0.81261445	2.25671681
1.00E-04	1.00E-04	0.09377747	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74564767	1.00E-04
1.00E-04	1.00E-04	0.07670308	1.30784119	0.2100292	1.00E-04	1.00E-04
0.2342465	1.00E-04	1.19427793	0.19838091	0.74783174	1.22667441	1.00E-04
0.73441567	1.00E-04	0.37809156	1.00E-04	0.26404578	1.00E-04	1.00E-04
2.05431859	1.00E-04	2.25711883	1.86584002	1.19857387	2.03540614	1.47351715
1.70438251	2.72646486	0.94501662	0.16160075	0.22515135	2.14662431	0.84167817
1.00E-04	1.00E-04	0.09148407	1.00E-04	0.34542306	1.00E-04	1.00E-04
1.78197612	5.05944017	5.54750841	5.51294836	5.63508573	1.00E-04	1.99959485
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08710603	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.2031816	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6882133	1.08649412	1.13432788	0.99193838	0.91514294	1.28207534	1.00E-04
0.52898411	1.00E-04	0.16737891	0.21109572	0.20952581	1.00E-04	1.00E-04
0.15598422	1.00E-04	0.21595548	0.0824918	0.88209037	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07227876	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65842547	1.00E-04	0.42384269	0.54784599	0.58053887	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.4959201	1.00E-04	0.14455498	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.38465224	0.09393249	0.12945	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75206698	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65471267	1.00E-04	0.10473028	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13831052	1.00E-04	1.00E-04	1.00E-04
0.41936049	1.00E-04	0.71165829	0.55250687	0.4145805	1.00E-04	1.29750152
1.00E-04	1.00E-04	1.00E-04	0.1373285	1.00E-04	1.00E-04	1.00E-04
1.96245061	1.00E-04	0.3130575	0.92926408	1.00E-04	0.96274275	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.86112549	2.30477154	3.28298738	3.39730278	3.35739041	2.66098183	3.25212955
2.75200531	2.08810829	3.82073355	3.61768922	4.1891324	3.20598989	3.01349177

0.50044185	0.69779233	0.97602819	0.81670573	0.42723231	1.00E-04	1.00E-04
1.84760624	1.00E-04	0.15065643	0.0897396	0.53806036	1.00E-04	1.64825089
3.13670579	2.17529787	3.09085576	2.73917132	3.37308436	3.81218865	3.56515191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3681003	0.8358776	2.35967904	1.94240533	2.03791948	1.00E-04	1.00E-04
2.51952745	1.49998697	2.31316292	1.62805757	1.86545387	3.06490865	2.72529329
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24922568	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11078928	1.00E-04	1.00E-04
4.60809603	1.17452218	3.31636743	3.19109748	3.69498961	2.32400806	3.79597437
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30944616	1.00E-04	1.00E-04	1.00E-04	0.18444465	0.82693741	1.00E-04
1.28015684	0.87456952	0.78935947	1.00E-04	0.19681031	0.78141142	2.1388397
4.32554864	3.1895775	3.99250278	4.759263	4.49851958	2.24905214	3.15248122
3.74143115	2.85390194	1.89511398	2.82690182	3.27459889	2.5884974	2.22541025
0.2499135	1.00E-04	0.11586018	1.00E-04	0.1253092	1.00E-04	1.00E-04
0.2353275	1.00E-04	1.00E-04	0.12795857	1.00E-04	1.00E-04	1.00E-04
1.0110622	1.00E-04	0.09545996	0.09296692	0.15169238	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.36440935	0.79637057	1.63445614	1.74474685	0.91611424	1.57798592	2.42822411
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98993217	1.00E-04	0.32231137	1.00E-04	1.00E-04	1.00E-04	1.69998633
2.53437394	1.15660655	2.59042893	2.17370448	2.13223951	2.62570857	2.8897375
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20163259	1.00E-04	0.30503857	0.15219862	1.00E-04	1.00E-04	1.00E-04
0.33660395	1.00E-04	1.00E-04	0.11701955	0.13718086	1.00E-04	1.00E-04
1.79552418	1.2795411	2.26931826	1.58853934	2.73154592	1.18371736	1.00E-04
1.00E-04	1.00E-04	0.14225777	0.08710603	0.12564974	1.00E-04	1.18035161
3.48814542	1.00E-04	1.36572643	2.38726019	1.83280048	1.36371727	1.67591163
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95972092	2.93604666	1.25817424	1.33669369	1.60420829	1.18371736	1.00E-04
0.89300962	1.00E-04	0.15368746	1.00E-04	0.127027	1.00E-04	1.00E-04
5.84911198	1.91677148	4.72523006	4.65113421	4.35899047	4.37788554	4.26462603
1.00E-04	1.00E-04	0.69762879	0.44734578	0.10372144	1.00E-04	1.00E-04
0.63275348	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89809349	1.00E-04	0.51603179	1.14587598	0.7627746	1.11641065	1.39769981
2.41656163	1.00E-04	1.2286087	2.0093931	0.98652637	1.21290128	1.00E-04
1.00E-04	0.69779233	0.26623446	0.28391772	1.00E-04	1.00E-04	1.46607815
1.41585302	1.00E-04	0.68990845	0.83915907	0.50534982	0.95102466	1.57561148
1.00E-04	1.00E-04	0.13212077	0.17050322	0.17989602	1.00E-04	1.00E-04
0.96407279	1.00E-04	0.28489513	1.00E-04	0.23451539	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13328809	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0697055	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90271218	1.00E-04	0.76534098	0.8778731	1.08075814	1.00E-04	1.42942419
3.94261943	3.35664852	3.02987955	2.80660931	3.14048977	4.16573469	4.51472182
2.05787179	1.00E-04	1.34029204	0.86275656	1.43642724	2.216206	2.61682369
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.43806236	1.00E-04	0.25792962	1.00E-04	1.00E-04
0.4091981	1.00E-04	0.50482488	0.13973645	0.18255603	1.08793411	0.62168103
1.00E-04	1.00E-04	0.09322287	1.00E-04	1.00E-04	1.00E-04	0.81245127
1.79566387	1.00E-04	0.22001815	1.00E-04	0.18255603	0.93702359	0.85339342
2.45724635	1.00E-04	0.6435028	1.02680895	0.70629386	2.64228016	2.82827538
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12748672	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.78319087	0.68407235	0.97624097	1.47892525	0.93191727	1.00E-04	1.93296249
1.00E-04	1.00E-04	0.15663279	1.00E-04	0.13536061	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03897391	1.59341216	1.57556258	1.65972691	1.99388441	0.72869785	1.32783979
1.00E-04	1.39420177	1.38755789	2.82640905	2.06816901	1.00E-04	1.20679676
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58691637	1.00E-04	1.00E-04	1.00E-04	0.11711669	1.00E-04	1.00E-04
0.77023422	1.00E-04	0.38955368	1.00E-04	0.37295273	1.00E-04	1.66605257
3.03195401	1.3386578	2.37405935	2.08225257	2.22407944	1.45364496	3.4957241
0.13946991	1.00E-04	0.18858033	0.14399149	0.09565186	1.00E-04	1.00E-04
2.34136863	3.74903997	4.43300589	3.85248198	3.99998958	2.48534794	3.48482946
1.00E-04	0.68407235	0.20892466	0.81094442	0.10894346	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.05780215	1.00E-04	0.60262784	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30029745	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96847026	0.12268675	0.28526906	0.22562086	2.36548945	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.26443807	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09575456	0.17406008	1.00E-04	1.00E-04	1.00E-04
1.19034465	1.00E-04	0.973785	0.34134557	0.65857991	0.85260137	1.00E-04
1.00E-04	0.68407235	0.66435416	0.5210148	0.97580934	1.00E-04	1.00E-04
1.54882651	1.08649412	2.06479519	2.66186989	2.52014328	1.60007999	1.26394151
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.13626874	2.07069667	3.20081929	1.98799761	2.15508108	2.77693726	1.82291801
1.00E-04	1.00E-04	0.40082799	0.32912506	0.37389683	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28746998	1.00E-04	0.21887105	1.00E-04	1.00E-04
1.03749582	1.00E-04	0.59291889	2.11239213	2.11113905	1.24245757	1.00E-04
0.6188378	1.00E-04	1.00E-04	1.00E-04	0.19146895	0.97412898	1.00E-04
1.9231033	1.00E-04	0.23931168	2.02869405	0.94884343	3.52388989	3.0650516

1.00E-04	1.00E-04	1.64014835	1.1637282	1.16420601	1.00E-04	1.00E-04
4.08247311	2.72646486	2.27137851	1.86507184	2.29046051	1.30517378	1.95452644
1.00E-04	0.7902481	0.09167754	0.38723295	0.29352415	1.00E-04	0.56264051
2.78040539	1.78134691	2.29908586	2.07910113	1.92012139	2.42398898	2.1144009
0.4697418	1.00E-04	0.06504071	0.36219385	0.25422776	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.87692426	0.60753681	1.42702375	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07488174	1.00E-04	1.00E-04	1.00E-04
0.99898841	1.00E-04	1.00E-04	0.17420297	1.00E-04	1.00E-04	1.00E-04
0.0746918	1.00E-04	0.09161201	0.14136026	0.40232068	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.35166575	2.87068005	4.22803131	3.51043993	3.80227158	4.70824681	4.82224206
0.3857392	1.00E-04	1.00E-04	1.00E-04	0.64622699	1.00E-04	1.00E-04
3.98120377	4.48137036	5.45391095	4.86368239	4.98062916	2.29889979	3.78108191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66732365	0.79637057	2.01279271	2.68234921	2.95906128	2.88595536	3.24509628
0.4663667	1.00E-04	0.95896607	1.80865747	0.79079182	0.81755274	1.00E-04
0.68269382	1.00E-04	1.14175861	1.00E-04	0.16978193	1.11641065	1.00E-04
0.51034598	1.00E-04	0.80576739	1.05543619	1.44524985	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14225777	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2626046	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73194658	1.00E-04	0.23400113	0.10924105	0.35435274	1.00E-04	1.00E-04
0.5607216	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34701437	1.00E-04	0.18735234	0.21714419	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14574289	0.48146372	0.09802713	1.00E-04	1.00E-04
1.06631122	1.00E-04	0.0688269	0.14768505	0.27250344	1.00E-04	1.00E-04
1.11199274	0.69779233	1.09961383	1.90268092	2.27905168	1.30116089	1.6274153
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70699489	1.00E-04	1.33619178	1.77394226	1.442038	1.34111562	2.74360084
4.70359535	1.98375032	3.40355322	4.47917155	4.21315005	3.31793801	3.41225854
2.32767977	1.00E-04	2.34205391	2.91227043	2.5596238	1.00E-04	0.97621894
0.1638566	1.00E-04	0.91447982	1.66140966	1.04112938	0.82693741	0.99227054
2.52686518	1.00E-04	3.42063141	2.48657809	2.69837051	2.52037317	3.55240917
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52776803	1.00E-04	0.19642054	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6918111	1.00E-04	0.43821765	0.08961591	0.35486739	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92981207	1.00E-04	0.83887169	0.30745278	1.00E-04	1.46021335	1.25654185
1.19175847	1.00E-04	1.00E-04	1.09905248	1.00E-04	1.00E-04	1.00E-04
2.77626228	3.3847584	2.78476498	3.58088447	3.48238083	1.63825757	1.8345881
0.47734929	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.07299269	0.074384	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.49549703	2.94142312	3.42876266	2.95515524	3.51321794	3.10690889	3.24252982
1.14019061	1.00E-04	0.09744499	0.73165769	0.56833216	1.00E-04	1.00E-04
2.6587156	2.87320726	3.88892359	3.33177902	3.38705559	2.94475598	2.63627297
1.04175237	1.00E-04	0.46965075	2.23595182	1.51957389	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10835368	0.17243615	1.00E-04	1.00E-04	1.00E-04
2.50996837	1.00E-04	1.89782865	1.93127819	1.36723924	2.09606008	2.61508405
0.92831828	1.00E-04	1.42554263	1.99098093	0.73510014	1.20122876	1.00E-04
2.51869299	1.31921957	1.62592097	1.48134236	1.32347058	3.45565249	1.75934846
1.93561006	1.00E-04	1.34704428	1.21981563	0.62294196	2.01791127	2.14962874
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.153275
0.38047934	1.00E-04	0.52393876	0.54074334	0.24963765	1.00E-04	1.00E-04
0.0903597	1.00E-04	0.44419727	0.37835122	0.35532265	1.00E-04	1.00E-04
1.00E-04	0.72877389	0.36700303	0.11095817	0.80366095	1.00E-04	1.06680503
0.33401111	1.00E-04	0.08695588	0.2063676	1.00E-04	1.00E-04	1.00E-04
0.20163259	1.00E-04	0.07911744	1.00E-04	1.00E-04	0.95637875	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83307544	1.00E-04	0.31586328	1.00E-04	0.4502608	0.74564767	1.00E-04
2.63928346	1.00E-04	1.24940232	2.10544872	2.56632727	1.90732055	1.54901976
2.05268842	1.00E-04	1.88764323	1.15309504	1.13956774	1.00E-04	1.92045009
1.10113637	1.00E-04	0.50687237	0.7015489	1.06684972	1.00E-04	1.18453576
1.22068164	0.74506998	0.61521766	0.07577735	0.34017488	1.79396999	1.99333228
0.33102292	4.07476921	0.16341974	1.00E-04	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0897396	1.00E-04	1.00E-04	1.00E-04
1.43563146	1.98015101	2.09934996	1.24576368	1.95273711	1.00E-04	0.97863975
1.00E-04	1.00E-04	0.23627353	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58548308	1.69521795	1.78330722	1.81262164	1.39321009	1.00E-04	1.00E-04
1.14955495	1.00E-04	0.30146902	0.10695841	0.71388439	1.00E-04	1.00E-04
0.90989202	2.14207092	0.79424501	2.37381063	1.89186185	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62111442	1.00E-04	0.06287992	0.15036519	0.11344173	1.00E-04	1.10457566
0.0766569	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.82749434	0.62644435	1.0698791	1.00E-04	1.01194579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10195882	1.2795411	2.29302934	2.59381867	3.07421691	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22177449	1.00E-04	0.38841874	0.36357759	0.12343101	1.00E-04	1.63071391
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13098198	1.00E-04	1.00E-04
2.81641285	1.2795411	1.28587017	1.52692616	1.94346603	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.7933323	1.00E-04	1.67193799	1.30894891	2.02410968	2.10123107	2.53431813

0.37676908	1.00E-04	0.10928185	1.00E-04	0.20376324	1.00E-04	1.37881795
1.18562664	1.00E-04	0.95398386	0.82054808	0.39047656	1.00E-04	1.00E-04
0.79764849	1.00E-04	0.28014544	0.71819594	1.4867699	1.00E-04	1.00E-04
0.72075208	0.74506998	0.08269935	1.00E-04	0.26950742	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12595457	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50057274	1.00E-04	0.42104972	1.76052335	2.03082552	0.83083207	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18987648	0.87612072	1.25141414	0.86917332	1.11065693	2.17681516	1.53383875
1.72389107	1.00E-04	0.60090115	0.28592977	0.54883128	0.77057821	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88436932	1.00E-04	1.56863074	1.12555339	1.59072012	1.59918874	0.83430531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.41637339	2.15820965	3.66033786	4.85376805	4.97586923	2.2171919	2.61304209
1.00E-04	1.00E-04	0.12694784	1.00E-04	0.08916315	1.00E-04	1.00E-04
0.11017854	1.00E-04	0.21034487	0.60241703	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.44289014	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12938148	4.50741674	5.01857385	5.53104935	5.48868219	1.00E-04	1.45065794
3.07873524	3.23173099	3.08421899	2.51701811	3.0834403	3.49817152	3.98938045
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.24145063
1.00E-04	1.00E-04	0.36015856	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38906488	1.00E-04	0.27920229	0.10969326	1.00E-04	1.18042507	1.00E-04
1.00E-04	1.00E-04	0.08074249	0.20801445	0.34442185	1.00E-04	1.00E-04
1.00E-04	1.45480715	0.10435943	1.00E-04	0.11344173	1.00E-04	0.48671447
0.06718044	1.00E-04	1.00E-04	0.15630471	0.18101271	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.92981299	0.7902481	2.51627478	2.65164243	2.6528467	2.92035706	1.99842092
2.68223525	1.82524762	3.20767802	3.75994371	3.53185594	2.4187744	2.81251513
1.00E-04	1.00E-04	0.11121198	0.27712471	0.12391687	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08710603	1.00E-04	1.00E-04	1.00E-04
0.47074025	0.8358776	0.27271579	0.37790271	0.28062252	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13823142	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.2028802	0.77969875	1.01996859	1.00E-04	1.00E-04
0.40541411	0.7902481	0.09167754	0.08823908	0.11639204	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09115872	0.94765007	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22025114	0.72877389	0.44921081	0.5953041	0.40583091	1.49825828	0.9583037
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28594653	1.00E-04	1.65736747	3.13756677	2.22894031	1.00E-04	1.00E-04
0.17050085	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.074384	1.00E-04	1.00E-04	1.00E-04
1.82886983	1.00E-04	2.33129047	2.55795039	1.80333239	0.85260137	1.70324589

0.12491829	1.00E-04	1.00E-04	0.09660285	1.00E-04	1.00E-04	1.00E-04
0.28223677	1.00E-04	1.00E-04	0.12129306	1.00E-04	1.00E-04	1.00E-04
2.12185982	1.00E-04	1.75505686	2.43638146	2.56302191	1.00E-04	1.42010997
2.01527515	1.59011032	2.73462598	2.04740749	2.3338265	2.74593234	2.36820273
0.95636454	1.00E-04	0.17871507	0.65206925	0.36241016	1.00E-04	1.00E-04
0.28725219	0.7902481	0.34257743	0.31840586	0.1253092	1.00E-04	1.00E-04
1.06311841	2.27801923	0.64147718	0.2034006	0.3129881	1.22399854	1.00E-04
3.7309827	1.22609225	1.85177968	1.61677863	1.93114981	2.689527	3.07738534
0.22720675	1.00E-04	1.94804159	2.53375658	2.26882143	1.60007999	2.056138
2.03524598	0.74506998	0.80326142	0.20960813	0.23370217	1.00E-04	0.90890388
0.04764841	1.00E-04	0.74684303	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67949378	1.00E-04	0.56478511	0.14768505	0.73979297	2.03069186	2.17345628
2.48584839	3.89584111	1.2209357	3.07309052	1.40776412	0.72869785	1.62921124
2.9854194	1.00E-04	1.02980895	0.74577042	1.78906168	2.4988561	2.70473239
1.00E-04	1.00E-04	0.08218983	1.00E-04	0.21894683	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.99801631	2.72646486	4.34259861	2.21876626	2.25778301	1.67449826	1.88004024
0.88578548	4.72257519	5.65133897	5.35884661	5.60711116	1.00E-04	1.00E-04
3.92047681	1.19051366	1.86986043	3.41909238	3.12532416	2.70872346	2.17977395
2.68773798	3.17690472	3.19663395	2.65527781	3.0917315	3.58443482	2.58388561
4.84310742	3.71686166	3.1934114	3.17249049	3.57537373	3.96758887	3.86114679
1.00E-04	1.00E-04	0.14399681	1.00E-04	0.14410425	1.00E-04	1.00E-04
0.3241222	1.00E-04	0.17390745	0.08792613	0.46077533	1.00E-04	1.00E-04
0.21433745	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46477574	1.00E-04	0.09161201	0.20733759	0.51196217	0.77057821	0.84167817
0.96106012	0.7902481	0.13680272	0.16411766	0.11078928	1.00E-04	1.37881795
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88041017	1.00E-04	1.10013649	0.90896835	1.99027826	1.00E-04	1.00E-04
1.90372612	0.92068596	1.801567	0.82514719	0.76659254	2.14000247	2.93213464
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09618263	0.1285221	1.00E-04	1.00E-04	1.00E-04
0.51318524	1.00E-04	0.99086806	0.36016845	0.5756048	1.00E-04	1.00E-04
3.22939462	3.11080008	3.25582935	3.45479359	3.34975319	0.62567961	0.72495184
4.58389277	3.56653404	4.40911376	4.9841675	5.10426045	2.02831863	3.77176415
1.00E-04	0.8358776	0.56663839	1.31169702	1.14802212	1.00E-04	1.84749363
0.07341779	0.8358776	0.10414554	0.33960727	0.44387891	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09375359	1.00E-04	1.00E-04	1.00E-04
0.17813035	1.00E-04	0.29560587	0.572182	0.67352621	1.00E-04	1.00E-04
2.2370198	1.19749663	2.5677096	3.02122679	3.06106666	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02147208	1.00E-04	1.00E-04
0.5933847	1.94956708	2.8146444	2.4933604	3.27197024	1.15464519	1.39773885
2.52916508	0.68407235	1.58835543	2.73976183	2.49211764	2.00864429	1.35345973

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24845439	2.15710648	2.32041002	2.09038456	2.71346411	0.83873894	1.12271955
0.27510845	1.00E-04	0.37458202	1.45010709	0.22698282	0.94908439	1.00E-04
1.00E-04	0.71640521	0.07516994	0.08952278	0.51395075	1.00E-04	2.32049782
1.42969414	1.00E-04	0.46512986	0.36239549	1.64546713	0.79958263	0.35134699
0.3137398	1.00E-04	0.11641406	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.19563911	2.35242165	3.78150365	3.55212422	3.70042195	3.67265718	3.53319853
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.06814129	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93702359	1.00E-04
1.94369886	0.72877389	1.73566916	1.97414761	2.0388447	2.45904188	2.54900073
4.48004695	1.52102673	1.17429324	2.49457448	2.33289662	1.00E-04	0.68773152
3.15853427	1.15872716	1.72033359	2.53425229	2.00826284	1.2604656	0.58433796
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.86183032	1.12553	4.29966153	4.33525653	4.34579734	2.82778019	3.56865296
4.84022896	1.08649412	2.02761493	2.30705887	1.96942361	2.88556202	2.80410198
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87612072	0.55543931	1.00E-04	0.12792029	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.99240648	3.63837498	4.53508711	4.13165475	4.14059743	4.93531417	5.240964
3.3572951	2.04950816	3.44659681	3.81862952	3.9250778	3.16142652	3.79835021
0.10260419	1.00E-04	0.23287627	0.41476345	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07911744	0.14421136	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91443363	1.47804223	2.13203142	1.56601719	2.36196949	2.56545988	2.54060945
1.00E-04	1.00E-04	0.33001771	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21051935	1.00E-04	1.00E-04
0.16484259	1.00E-04	1.00E-04	0.18406716	1.00E-04	1.00E-04	1.00E-04
3.0005551	1.00E-04	1.90838903	1.55718254	1.43795449	1.75630848	2.9227748
0.16999556	0.8358776	0.65646868	0.41593583	0.37045457	1.00E-04	1.00E-04
0.63650559	3.53144037	3.81994703	3.13134341	3.25828296	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.36922224	0.72877389	2.65372488	2.10797385	1.91780117	2.16928518	2.95170208
0.99477933	1.00E-04	0.10933862	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72226671	1.00E-04	1.75215649	1.32868906	1.81279935	2.34667814	2.96957419
5.02200224	1.2795411	3.61644423	4.41706411	4.48884004	3.49242033	4.41811646
0.50541311	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0741193	0.30625571	0.14455498	1.00E-04	1.00E-04
3.63700846	1.14583798	1.72043497	2.85796818	2.58449743	2.49221088	1.60758348
0.81124266	1.00E-04	0.89574557	1.48283147	1.35751263	1.00E-04	0.48671447
0.45850171	1.00E-04	0.39392766	1.00E-04	0.34161764	1.00E-04	1.00E-04
1.56703508	1.00E-04	0.16341974	0.6574381	0.57548916	1.00E-04	0.7551454

0.06765176	1.00E-04	0.09020196	0.30208618	1.00E-04	1.00E-04	1.00E-04
2.7502849	0.96847026	3.07449226	3.30757869	2.51578512	1.58903516	2.21864951
0.0903597	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06765176	1.00E-04	0.2967975	1.01384294	0.27422307	1.00E-04	0.81996147
0.60713139	1.00E-04	0.11998372	0.11130594	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.13711645	1.28232395	2.24592705	1.92222892	0.98927175	1.38927927	2.21055694
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66948524	0.74506998	0.93602358	2.48073792	2.11573955	0.86494787	1.00E-04
3.62780782	4.275868	4.02372193	3.72505442	3.55791829	3.88085984	3.60610984
2.10669525	0.69779233	1.35405226	1.25176651	1.74812074	1.8302681	1.83974986
1.00E-04	1.00E-04	1.00E-04	0.06796023	1.00E-04	1.00E-04	1.00E-04
0.48063735	1.00E-04	0.5807895	0.7712463	1.00E-04	1.00E-04	1.00E-04
3.07748207	1.67583229	3.33707275	3.10672032	3.33793325	2.25371908	2.58140386
1.00E-04	1.00E-04	0.13823142	1.00E-04	0.14455498	1.00E-04	1.00E-04
1.43033928	1.00E-04	0.71975225	0.50599296	0.64229919	2.34198197	1.00E-04
0.67589161	1.00E-04	0.33842138	0.20507293	0.09863458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25615678	1.98740411	2.28844392	1.50810976	1.84053874	3.17580537	2.29799011
1.94672016	1.00E-04	2.08310853	1.76054559	1.70137692	2.27866463	2.35391288
3.51704047	3.65816479	3.4109364	3.20968981	3.1731863	3.07312261	2.83224241
4.16197165	2.62877174	3.88445492	3.67583267	4.11986488	4.03197654	4.24763529
1.31703001	1.00E-04	1.35205567	0.72565517	1.41588541	1.26137646	0.68773152
0.10286354	0.8358776	1.45579626	1.49334364	1.23614245	1.30530732	1.87901223
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.28686527	1.00E-04
2.31883112	0.8358776	1.52719856	1.82340181	2.08536131	1.00E-04	2.36501524
1.25441541	1.00E-04	1.27570577	0.36948804	0.80366595	2.30580147	1.84439969
1.00E-04	1.00E-04	0.39344706	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17203913	1.00E-04	0.15220723	0.33767085	0.39887456	1.00E-04	1.00E-04
2.97132566	1.00E-04	2.44540754	2.82425558	2.72844787	2.6173577	2.77473758
1.00E-04	3.33479289	4.16891263	3.87990293	4.13440706	1.00E-04	1.00E-04
5.46118904	2.46345637	4.33444116	4.19609614	4.29917614	4.69955225	5.16941313
3.01906455	1.19051366	2.66409328	2.40369228	3.34874314	2.84436564	3.04243723
2.70375074	1.00E-04	2.30625492	2.04900289	2.34451497	2.60741803	1.7331386
2.39439543	0.87612072	1.48108143	1.20962276	1.40988751	1.53352467	2.43221829
0.2626046	0.74506998	1.30254426	1.23853435	1.50436621	1.10522239	1.31990454
1.43934997	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65414426	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.04641343	1.36514787
1.00E-04	1.00E-04	1.00E-04	0.22337051	1.00E-04	1.00E-04	1.01864576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82220944	1.00E-04	0.26008056	0.0824918	1.16933135	3.63949455	3.81868164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.56102454	1.00E-04	0.16894241	1.00E-04	0.19524902	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10749673	1.00E-04	1.32448315	1.13616816	1.39572635	1.00E-04	2.61966202
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15392957	1.00E-04	1.00E-04
4.84156431	3.0450242	4.45393181	5.51408753	5.38167859	3.20120692	3.55981254
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.99502853	0.65905464	0.32825871	1.00E-04	1.00E-04
1.23564626	0.92068596	0.94267748	0.61197705	0.87870388	1.80125606	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.73182575	1.00E-04	0.59132799	1.6258057	0.15565817	1.00E-04	1.61123147
0.9829976	0.71640521	0.13729064	1.00E-04	0.11746998	1.00E-04	1.00E-04
0.93237239	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54986876	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40580675	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54876159	1.00E-04	1.00E-04	0.12129306	1.00E-04	1.00E-04	1.00E-04
0.62370364	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4741861	1.00E-04	0.10418972	0.15248859	1.00E-04	1.00E-04	1.50501804
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19863166	3.79460493	4.33574072	4.39756679	4.11676089	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10913195	0.74506998	0.41071985	0.70161109	0.58465944	1.00E-04	1.00E-04
0.77905887	1.00E-04	0.47806723	0.13737782	1.00E-04	1.00E-04	1.00E-04
0.70651096	1.00E-04	3.01061475	0.9657571	1.89182001	1.00E-04	1.22697765
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06759249	1.00E-04	0.08292731	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97811454	1.00E-04	1.88563695	1.65306525	1.32478934	1.42623569	2.16232993
1.11080583	2.38588735	2.73240953	2.12359153	1.83555471	1.41380106	2.18820319
0.97925227	1.00E-04	0.29390743	0.13755895	0.33504401	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.4229903	1.00E-04	0.23312156	1.00E-04	1.00E-04
1.22616971	1.00E-04	1.32652121	2.17253882	1.97612707	1.57442163	1.00E-04
0.23185062	1.00E-04	0.66857666	0.34285993	0.17607774	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09167754	1.00E-04	0.17301519	1.00E-04	1.00E-04
1.14802245	1.00E-04	0.36983471	0.27721595	0.51415186	1.47534276	0.86789477
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88294986	1.00E-04	1.00E-04	0.23938186	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18554153	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09983193	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09550581	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09731771	0.1685492	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43208291	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23118521	1.00E-04	0.32017297	0.27615182	0.9454552	1.00E-04	0.7551454
3.28369834	1.82594588	2.78594229	2.4946489	2.84473572	2.89941391	2.40339835
1.00E-04	1.00E-04	0.47934611	0.49974325	1.00E-04	1.00E-04	1.00E-04
0.88515104	1.00E-04	0.60053116	0.10659766	0.12694344	1.57399163	0.72495184
0.21574628	1.00E-04	1.90542347	1.00E-04	0.43771461	1.00E-04	0.98620672
0.59313331	1.00E-04	1.06144614	0.93082884	0.31929587	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.07604103	1.45177834	2.59576736	2.43460608	2.24811861	1.6594132	1.84441046
1.25307195	1.00E-04	0.67149723	0.17403974	1.00E-04	1.29084398	2.35243011
3.72511106	1.94238724	3.46133213	3.93416138	3.83066995	2.52132662	1.93913563
1.00E-04	1.00E-04	1.00E-04	0.09731771	1.00E-04	1.00E-04	1.00E-04
1.83146651	0.92068596	0.97524342	0.98637422	1.38098497	2.31849888	0.7070202
1.00E-04	1.00E-04	1.00E-04	0.07008263	1.00E-04	1.00E-04	1.00E-04
0.70228397	1.00E-04	0.1243805	1.00E-04	0.15882988	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88239562	1.00E-04	0.21611458	0.82695769	0.18420248	1.18075338	1.13298201
1.27814953	0.71640521	1.74359261	1.11631349	0.66325332	1.00E-04	1.18453576
4.09569937	1.28352536	2.7233276	2.28472899	2.13168457	3.37853711	3.1697515
0.06765176	4.53345289	1.34119997	1.68479266	2.44890112	1.00E-04	1.00E-04
0.2196067	1.19880434	1.85947068	3.19491725	2.99780458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10695841	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8339972	0.07299269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.6230348	0.17152523	0.67544758	1.00E-04	1.00E-04
0.39258539	1.2546033	1.11850009	0.86771475	2.0620324	1.00E-04	1.00E-04
1.00E-04	0.79637057	2.69078007	2.67990731	2.84843924	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09545996	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69779233	1.65003081	2.1425792	1.85652338	1.00E-04	1.00E-04
3.23138195	1.81115281	2.14894887	2.27240346	2.51703398	3.15884841	3.19086374
1.71034573	0.68407235	1.893143	2.12200498	1.05774678	2.05280311	0.958469
1.37015277	1.00E-04	0.77897076	1.51660129	0.88437758	1.39885208	1.90103252
0.9335024	0.68407235	1.05801418	1.2790448	1.31053602	1.00E-04	1.00E-04
0.72221617	1.00E-04	1.42279963	1.83729953	1.19131626	1.00E-04	1.00E-04
2.57858177	0.68407235	2.24946342	3.2444965	2.7648897	1.85225748	2.28741688
0.70085041	0.72877389	0.48188898	0.37786158	0.3050042	1.00E-04	1.00E-04

0.53773821	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21319047	1.00E-04	0.86053915	0.63539706	1.95109805	1.40758536	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15248859	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.78143992	2.12816123	2.73614334	3.68754375	3.200819	2.35495998	2.84152424
1.35943448	1.00E-04	1.4161648	1.86471452	1.32148379	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20495131	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09863458	1.00E-04	1.00E-04
1.6448371	1.00E-04	0.93662116	1.4632449	0.22325196	0.88297287	1.71719154
0.4840938	1.00E-04	0.90511114	0.28526194	1.06183451	1.00E-04	1.00E-04
1.05061127	1.00E-04	1.4161295	0.61474043	1.48962564	1.00E-04	0.7592156
0.0903597	3.25537431	3.47301534	2.65095899	2.67483743	1.00E-04	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.79702826	3.70079321	2.94315174	2.54053915	2.72540187	3.85272448	3.65980961
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.08141268	1.00E-04	1.03599846	0.72376874	0.4137682	1.00E-04	2.31264932
1.00E-04	1.00E-04	0.09495869	0.09375359	0.35090907	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08321284	1.00E-04	1.00E-04	1.10457566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29566951	1.00E-04	3.19831951	2.40657435	2.33123276	1.00E-04	1.00E-04
0.82291406	0.87456952	0.38028462	0.42214259	0.49752153	1.00E-04	1.00E-04
1.12769161	1.00E-04	0.18632259	1.00E-04	1.00E-04	1.75791089	2.1791234
2.20264112	1.00E-04	0.97939548	1.46560677	2.01553031	0.94371668	1.89763548
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11614357	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.20268998	2.04769225	3.32805752	3.10355662	3.83410292	3.06225077	3.31664448
4.79685903	4.5594102	4.61983727	4.14739157	4.35626055	4.89261818	5.09524294
3.01078322	3.84707712	3.4113606	3.0424995	3.04637566	2.77939953	2.41278353
1.00E-04	1.00E-04	0.14193551	1.0734232	0.23302289	1.00E-04	1.75555107
3.06582371	4.03733745	4.27629804	4.1422079	4.31627542	3.64898958	3.8582535
1.00E-04	1.00E-04	0.47333949	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55724568	1.00E-04	2.63631376	2.06678781	2.54966068	1.00E-04	1.26135756
0.17180792	0.71640521	1.58738145	1.77347407	1.85634999	0.82884172	1.00E-04
0.42678336	1.00E-04	0.10418972	0.1500947	0.08916315	1.00E-04	1.00E-04
1.57859817	2.5847095	3.03394974	2.65285533	2.94572006	1.64149509	1.00E-04
0.51373249	1.00E-04	0.68934503	0.0825412	0.75414718	1.00E-04	1.07127105
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	3.0713468	4.09723799	3.32593901	3.36073248	4.43289812	3.57348392
2.31808034	1.72890878	1.66642128	2.51717686	1.51358738	2.32435441	1.00E-04
0.58317611	2.18903621	3.31163585	2.64073485	2.65387796	1.9713382	1.93411291

1.17290664	1.00E-04	0.33483826	0.18706655	0.45026933	1.00E-04	1.00E-04
4.73971119	1.69810116	2.70896849	2.5588669	2.29387502	3.66864776	2.57068011
4.57360535	0.7902481	2.40125308	1.86542281	1.92498604	3.07257931	3.18257107
1.4731774	3.30978174	2.69279527	2.67317734	2.2971647	1.96470172	3.15422265
3.91569784	2.59865321	3.59369296	3.18880283	3.33343527	3.67975954	3.68195217
1.95258231	3.34580067	3.38582371	3.39437293	3.89417893	1.51353911	2.614916
5.30449894	3.19495346	4.04765263	3.43822546	3.69956322	4.38674936	4.22168374
4.14531984	2.72365919	3.3714054	3.3225553	3.82410164	5.25791207	5.28799745
4.79633783	4.12403274	4.42150663	4.11662753	3.90613562	4.04074838	4.50320557
1.00E-04	1.00E-04	0.68117232	0.14399149	0.44547915	1.00E-04	1.00E-04
2.66624929	3.42115443	2.79533994	2.98372344	3.40986921	1.66728182	1.39226995
1.00E-04	1.00E-04	0.06504071	0.27426704	0.12125625	1.00E-04	1.00E-04
5.70553637	5.76716943	5.88443628	5.44635077	5.71722916	6.2915662	6.4187512
4.65666005	1.1166062	3.30956934	3.59243234	3.35566023	4.49224984	4.33609603
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.59154325	1.44031697	1.16249419	1.00E-04	1.00E-04
0.1136802	2.00500321	2.29292773	1.7619752	2.11093163	0.77057821	1.81641693
6.18625229	5.51414463	6.27624957	5.6427214	5.77031863	6.60418993	6.79299906
5.46838187	4.38662865	4.78931469	4.26072505	4.37307135	5.48605194	5.38984654
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.47374821	4.54423125	5.11944754	4.76216906	4.83497122	5.23754515	5.48119725
3.16971822	3.26904811	2.39281098	2.86824305	2.93546737	2.54610843	2.86933901
0.76273405	1.00E-04	1.00E-04	0.12271058	0.45514518	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23986131	0.26370302	0.62824285	1.54481655	0.46517855
2.21404338	1.00E-04	1.00E-04	0.1213016	0.22721314	1.88342679	2.3641365
0.21723843	1.21891	1.29627796	0.61575141	1.5733294	1.00E-04	1.00E-04
0.06765176	1.00E-04	2.05501872	1.64789061	1.90002177	1.00E-04	0.41275046
1.00E-04	1.00E-04	0.07379098	1.00E-04	0.12391687	2.88690363	1.95897892
0.14735492	1.54471013	1.62279632	1.22943167	1.35258417	1.00E-04	1.00E-04
0.68012501	4.60805611	5.40770057	4.73424278	4.6948892	1.00E-04	1.50501804
3.54592722	0.79637057	2.4353742	2.77345524	2.65754579	2.71623092	3.09785464
3.65166408	4.57526782	5.45896551	4.86104389	4.95547982	4.52215562	4.22733255
3.50530699	1.49342378	3.20121193	2.72912642	2.10001217	4.04866847	3.75747916
0.23297528	2.07810969	3.94764832	3.27030652	3.13305878	1.00E-04	1.58608049
1.00E-04	1.00E-04	1.00E-04	0.14136026	1.00E-04	1.00E-04	1.00E-04
0.58044849	1.00E-04	1.00E-04	0.19328216	1.00E-04	1.00E-04	1.00E-04
4.35507439	4.99573945	5.73993929	5.02035047	5.06591355	6.04011419	5.62224279
5.84031881	2.40332037	2.28099467	1.27608144	2.49454676	3.86582309	4.49813323
4.29866376	3.96003713	4.72316645	5.09842472	5.23328195	3.00235866	3.76700001
3.2933354	1.20883053	3.22620433	3.85230447	3.57035646	2.13029625	1.7871724
3.07325932	1.76203945	3.13646004	3.25680829	2.42426788	3.86069075	3.07390124
1.35429188	3.00106922	2.4770187	2.76414216	2.51689052	3.50057496	3.63251965
1.02174477	1.39325402	1.89807868	1.13010507	0.3132209	2.05405748	2.21488123

1.00E-04	1.00E-04	0.70543205	0.13831052	1.00E-04	1.00E-04	1.00E-04
3.64268762	3.33438737	4.31997674	4.39430505	4.13062838	1.71862605	2.54360857
0.09983193	1.00E-04	0.11897115	0.15455675	0.10372144	1.00E-04	1.00E-04
0.14284657	1.00E-04	0.10054642	1.00E-04	0.40255723	0.62567961	1.00E-04
3.14870866	3.48063641	4.2619374	3.70083933	3.38551998	3.15478793	2.11462384
0.78282163	2.95176331	3.32918283	2.82610322	2.75445271	1.82998013	1.00E-04
2.57361673	2.51384421	1.11856132	0.79286319	1.42382669	2.27362103	1.84993884
3.72596016	3.81739755	4.41438955	4.79898498	4.75175838	2.75497777	2.95418907
4.64701205	3.62790757	4.59449824	4.35445996	4.85806396	4.92437064	5.06688701
2.6292134	1.00E-04	1.24116528	0.52527937	0.94198637	1.24135441	1.10457566
3.42045375	1.55764098	2.95282035	2.16297108	2.23642251	3.86837772	3.74325603
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50248117	2.48932811	4.42509097	4.76445386	4.55125217	1.00E-04	1.00E-04
2.21259731	1.63245595	1.08537746	1.21527941	1.81462748	1.49416454	1.75156872
1.00E-04	1.23797603	1.26086086	1.01846932	0.79431016	1.00E-04	1.00E-04
0.22832916	1.309432	2.51655812	1.69077202	1.44827675	1.00E-04	1.00E-04
3.27012949	1.680237	3.22991114	3.0489963	3.92192972	1.00E-04	1.35564413
1.51441664	1.63119318	2.2927969	1.94620393	1.96773418	1.00E-04	1.00E-04
0.52503584	1.00E-04	0.1066364	1.00E-04	0.15882988	1.00E-04	1.00E-04
1.93279476	0.96847026	1.931616	1.45964692	1.35965918	1.46770943	1.06125477
0.7275403	3.65545336	4.66646376	4.50099998	4.22492187	1.00E-04	1.00E-04
1.31630995	1.41801369	1.75856903	0.87040138	0.95289668	0.79838122	1.00E-04
2.58390905	0.68407235	1.86291201	2.84675487	2.79849299	1.00E-04	2.23604679
2.24335336	1.00E-04	0.61723866	2.43063879	1.74622332	1.00E-04	1.00E-04
2.07045106	4.18052515	4.97767575	4.79908637	4.65275538	2.18829754	2.13146256
3.47595294	1.93885747	3.32930893	2.74730687	2.45242543	3.35527235	3.1521786
2.12993694	0.8358776	2.8804952	2.29346169	2.21170104	1.00E-04	1.7173345
0.2110282	1.00E-04	0.16625437	0.46992068	0.08916315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35556191	2.12447183	3.3453623	3.3672433	3.30611049	0.71661629	1.00E-04
0.76567667	3.95473063	4.37202367	4.14672035	4.4833691	1.00E-04	1.00E-04
3.65160818	2.49729321	3.12680524	2.98003976	3.31762615	4.00496827	4.02109161
1.09915244	1.00E-04	0.56491634	0.44072322	1.1835287	1.00E-04	1.00E-04
2.60495003	1.52147735	2.49072612	2.09583849	2.25068558	1.00E-04	3.03500915
1.00E-04	1.00E-04	1.4223255	0.1318993	1.00E-04	1.00E-04	1.07063054
1.00E-04	1.00E-04	0.11780573	0.28962574	0.14744713	1.00E-04	1.00E-04
0.82663333	1.00E-04	1.10409348	1.68786339	0.16277654	1.00E-04	1.00E-04
3.2366406	0.68407235	3.03564754	1.85064828	2.02345601	3.82402864	3.69451441
3.00101011	2.18825254	3.31376866	2.9559174	3.09928019	2.96602284	3.68125694
2.5464364	1.75220843	2.7048627	2.93903458	2.70602994	2.74806738	2.39600886
1.24468884	3.55063267	4.02115575	3.72116737	3.44170572	1.98162654	2.4329859

2.13538739	1.67023758	3.09306995	2.84473866	3.42276943	1.86826126	2.02837989
0.38071531	3.57249086	4.38900833	4.97121304	4.79751286	1.00E-04	1.00E-04
2.92710441	1.50187198	2.45696066	2.70570248	2.44243562	2.19746491	2.4526158
2.56862105	4.06526088	4.78077087	4.44384311	4.15254456	1.88599645	1.5080629
0.51931763	1.00E-04	0.08383283	0.1053363	1.00E-04	1.59806924	0.68552114
1.19071626	1.00E-04	1.35805113	0.83520502	1.36680413	1.00E-04	1.01008265
1.00E-04	1.00E-04	0.40245675	0.26448623	0.08815268	1.00E-04	1.00E-04
0.44673118	1.00E-04	1.00E-04	1.00E-04	0.34099273	1.00E-04	1.00E-04
2.0841431	2.80993732	3.83557095	3.1090031	3.52852742	1.103099	1.39570363
2.14635083	1.00E-04	2.66440151	2.69127164	3.00772387	1.61760759	2.88794515
3.26095542	0.72877389	3.07356233	3.10830836	2.87124073	3.06607848	3.16378601
3.29100988	3.45659806	4.17990576	3.89665032	4.13875943	2.60737355	2.44179015
1.24802321	4.82201014	5.7411386	5.32728112	5.30469057	1.67633215	1.89008806
1.67043559	1.00E-04	0.72756943	1.83065831	2.79226791	1.00E-04	1.83068953
1.7617975	1.08649412	1.09061863	1.77507178	2.32222352	1.33183829	1.9365747
0.95359846	1.93833304	2.82911669	2.21328093	2.24500203	1.00E-04	1.27747878
1.82495203	0.74506998	1.68862212	1.33244745	2.05360431	1.00E-04	1.32999246
2.72591401	2.72090464	3.98089765	2.8088175	2.45972817	2.71099449	1.93875987
1.65772817	0.7902481	1.15113828	0.7420603	0.55721173	2.13642483	1.69399111
0.95133746	4.27470215	4.81644095	4.74520083	4.56261668	1.00E-04	1.00E-04
0.06301971	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83763231	1.3348453	3.58442528	4.13187076	4.07443555	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.22197953	1.00E-04	0.39261181	1.00E-04	1.00E-04
1.00E-04	2.37453951	3.32161517	2.47264102	3.09155732	1.00E-04	1.00E-04
1.94967797	0.71640521	1.86122972	1.36325508	2.29083963	1.54481655	1.9607616
0.43736242	1.00E-04	0.68884288	0.47938532	0.17707887	1.63635486	1.00E-04
1.99673235	1.00E-04	1.89474695	1.53983156	1.9449529	2.52597779	2.13580452
3.15468568	3.04542898	3.97021707	3.37902472	3.53603059	3.24280388	1.92323546
4.31203101	3.39675394	2.53955544	2.93953185	3.34161756	6.34419248	6.35776675
4.4367053	3.55309543	4.09372416	3.90612981	3.87904424	4.90776156	4.41261969
0.30944616	1.00E-04	1.91125839	1.81221759	1.5940061	1.00E-04	1.00E-04
0.06718044	2.61701026	2.57258128	1.54562512	1.55319324	1.00E-04	1.00E-04
2.79256822	1.66195981	3.3097242	2.89054528	2.75374949	1.85438771	1.84209703
0.36778115	0.7902481	1.53684111	0.66327002	1.77492298	1.00E-04	1.60845163
5.88211128	5.04196034	5.52950087	5.4766156	5.50257323	6.0420138	6.02463559
4.96098174	4.30392555	5.03558874	4.79902513	4.95041062	4.67377983	5.11816426
1.36787991	5.8756399	6.52957963	6.22924941	6.33205329	0.9513318	2.29294197
2.83752863	4.1762976	3.9875823	3.58246573	3.8416711	1.42847052	2.79631382
1.00E-04	1.00E-04	0.30835624	0.54549607	1.27396428	1.00E-04	1.00E-04
5.10122544	2.32199055	3.87198608	3.31937299	3.47251182	1.28837704	2.39070735
5.45039693	1.88280485	2.97745464	2.48066534	3.64571895	1.00E-04	2.03553998
0.84620965	1.11722896	0.38511632	0.59393519	0.52950456	1.00E-04	1.00E-04
2.52150728	1.00E-04	1.54315706	2.12276261	1.7944476	2.16999235	0.72495184

2.33274609	1.00E-04	1.18926397	0.73476399	0.59733642	1.96314081	1.47093334
1.00E-04	1.00E-04	0.71380327	0.07488174	0.1685492	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06765176	1.00E-04	0.40031201	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10922855	1.00E-04	0.59482558	0.54449827	0.27824583	2.01960485	2.6054509
0.90651433	0.8339972	2.98704203	2.06382034	1.8058688	1.82370509	0.7214142
3.42491228	1.52102673	3.16861022	2.87727372	2.8265471	3.84675851	3.99457428
1.00E-04	1.00E-04	0.48851152	0.28765897	0.33555168	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.0921101	1.73787028	2.82008489	3.14221541	3.22254488	0.92751185	1.00E-04
2.54753902	1.19051366	2.71206307	3.20918718	3.28189447	1.00E-04	1.22697765
0.90962305	1.00E-04	0.58878588	0.27016468	0.43611364	1.00E-04	0.7070202
3.46732971	3.24143008	3.39320168	2.97321035	3.10036395	3.56059449	3.35702383
3.81626841	3.36058223	2.82838149	3.34484392	3.48312689	2.02788848	2.85944149
4.32944997	1.59487839	2.79839211	3.6334324	3.3376695	2.16761452	2.42957978
1.62941039	1.00E-04	0.70511827	1.17605872	0.61272993	1.19321377	1.47202033
3.7929474	2.37258098	3.57824912	3.42772028	3.64433597	3.53681169	3.77837697
5.09860128	3.30999397	4.59991343	4.61331067	4.44938334	4.99072735	5.2830104
2.95196094	3.19919702	2.91260051	3.14002513	2.9990308	2.63238068	2.67558251
3.71077382	1.21891	2.26961299	3.39208764	3.41603531	1.47414974	2.20359557
3.94329253	0.8339972	3.09741518	4.03476307	3.72762282	2.93951083	2.9535107
4.1286586	3.24415239	3.6457529	4.40238594	4.08913513	3.29351679	3.29663191
3.8435134	0.7902481	3.27834478	3.4384143	2.75154255	2.26500038	2.30159425
4.30366098	2.31653872	3.24739076	4.17782546	4.1228163	3.5837993	3.41740082
4.11594255	1.85940262	3.62060291	4.50983021	3.99868214	3.31230057	3.06518935
4.08076469	0.68407235	2.81285628	3.81002839	3.2457501	2.11495818	2.84746064
0.21772606	1.00E-04	1.49398686	1.31924018	1.89011923	2.08876978	2.0630706
0.22177449	1.00E-04	0.14351013	1.00E-04	0.12564974	1.00E-04	1.00E-04
5.13951628	1.00E-04	1.70030726	3.02571909	2.77602963	3.74270134	3.68886559
1.71989007	3.32898626	3.69721558	3.20906882	3.35201411	2.94872095	1.98681623
2.83742265	2.67217916	3.28447162	3.08708289	3.49364475	3.19097209	0.96655867
4.80065958	3.308434	3.50072935	4.911096	4.91154042	3.14715909	3.3205129
2.85400709	1.00E-04	0.0691919	1.00E-04	1.00E-04	0.89799762	2.16875387
4.99967667	4.95746977	5.13065098	5.63565079	5.78481819	3.82863972	4.09658092
6.09609118	2.27801923	1.54669518	2.61909196	2.65613866	5.22952111	4.74414424
2.25445	1.00E-04	2.03714427	3.28053856	3.27945091	2.58040321	2.32869597
1.00E-04	1.00E-04	0.2490829	0.08321284	0.127027	1.00E-04	1.00E-04
1.52951969	2.8481099	2.57058568	1.93950535	1.65361822	1.59797852	1.92189813
0.66199902	0.87456952	1.18284431	0.56936311	0.75894129	1.78703194	1.57653756
2.61831583	1.3386578	2.41200206	2.51918276	2.78460025	1.90564579	2.7935279
3.40774243	1.00E-04	1.55323448	1.01546485	1.58032641	2.1871077	2.33285321
1.9110218	2.66028359	3.25778709	3.10452133	2.87200871	0.81755274	1.00E-04
2.05379257	2.78409146	1.41809819	1.52689079	0.81499179	1.82555629	2.10011177

0.14735492	1.00E-04	0.31039929	0.10712804	1.4854009	1.00E-04	1.00E-04
1.00E-04	0.8358776	1.1319213	1.2291694	1.50300248	1.00E-04	1.07063054
4.30931873	2.3946076	3.62110321	3.41387279	3.22018712	4.1108828	4.50926219
3.28716819	1.6816494	2.23086416	2.15867501	2.32225813	2.9105741	2.8643063
4.07476075	2.08602527	2.92630389	3.20795495	3.49994486	3.69494728	3.64448967
4.46299371	4.12905171	4.12073344	3.66933822	4.22842486	4.48043062	4.27214625
5.20017236	3.28244324	4.48343182	4.31146657	4.31906286	4.95174674	4.75601991
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.23845448	2.74592343	1.67603152	1.29478867	1.00E-04	0.41275046
1.20766929	2.2395185	2.93601549	2.71955929	3.10436154	1.00E-04	0.74349156
3.71929426	3.40326577	3.92735322	3.83136282	3.89558101	2.5299886	2.78539204
0.5321509	1.00E-04	0.46342685	0.16378816	0.61395567	0.74564767	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68607042	1.00E-04	1.00E-04	0.20989126	0.09814195	1.00E-04	1.00E-04
1.52382997	1.00E-04	2.76907371	3.31744586	3.44641707	1.590541	1.83393865
2.71226037	1.00E-04	1.00E-04	1.00E-04	0.26815724	1.00E-04	1.00E-04
1.79401308	1.00E-04	1.64970619	0.88047911	0.84828024	1.00E-04	1.66900543
4.31227797	2.65158322	4.34898994	3.95884024	4.08827335	3.51149615	3.61022473
1.30413638	1.00E-04	0.36953406	1.00E-04	0.45603837	0.82884172	1.26389675
1.00E-04	1.00E-04	0.18184012	0.91117118	0.69401125	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10294237	1.00E-04	1.00E-04
1.00E-04	0.69779233	1.88116699	1.94245756	1.24317465	1.00E-04	1.00E-04
5.21633785	4.38699959	4.596268	4.26368596	4.63012523	3.34491281	4.03114449
4.20063687	2.71986979	2.86597053	3.77758761	4.06598251	3.17125074	2.21227558
3.59210485	1.00E-04	0.75630264	0.50540425	1.2611212	3.86642046	3.68333188
3.21693763	3.2520382	2.1438958	2.93972652	2.60450389	2.48607342	1.80680158
3.3059894	1.41755274	3.223764	3.74767449	3.45493197	2.46562059	2.58857621
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0759014	0.08223591	0.11746998	1.00E-04	1.00E-04
3.86604675	2.01390027	2.22520879	2.41297673	2.61539517	1.15781278	1.29091753
6.95230339	5.29601074	5.68920789	5.31631568	5.71041789	5.27561615	5.6348651
1.27248893	0.87612072	3.20354872	3.42110927	3.56855781	1.00E-04	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19082602	1.00E-04	0.41441535	1.76725432	2.33487988	1.00E-04	1.00E-04
0.180786	1.00E-04	1.17949224	1.30962592	1.50517518	1.22399854	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.10286354	2.72090464	1.00E-04	1.00E-04	0.10372144	1.00E-04	1.00E-04
0.17050085	1.00E-04	0.36267144	0.18952886	1.4087145	1.00E-04	1.00E-04
1.00E-04	1.20883053	2.4957747	2.00448337	2.20990529	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06586442	0.18315065	1.00E-04	1.00E-04	1.00E-04
3.53986728	2.37095449	3.69054053	3.64033445	3.79867524	4.30561737	4.12512803
2.5997762	3.08929031	3.61845399	3.42897204	3.52032528	2.22784295	2.11290065
4.10645095	3.14084649	3.47425424	3.30969617	3.05994466	3.59147921	3.47151218

3.19307753	1.54288057	2.55575694	3.05212441	2.65840756	2.11418686	1.7260477
1.64579059	0.74506998	1.75198318	2.64508507	1.65225381	1.89539386	2.13780479
3.6798405	4.48354071	3.98371706	3.97546333	3.56976853	3.83111839	3.4267889
3.18942484	2.27342063	2.64033188	2.80884039	2.93863055	1.90084232	3.1896844
2.49444368	2.03115321	2.41831167	2.92658855	2.5852197	1.00E-04	2.11747959
1.80148227	1.00E-04	1.13082177	1.12641397	0.65036969	1.10522239	1.00E-04
3.14043624	1.00E-04	2.42735111	1.7871104	2.17045422	1.75791089	2.50643231
2.16440804	1.28352536	1.85391259	2.15303309	1.83379561	2.38857621	2.24843151
1.73143358	1.00E-04	1.03096761	0.62289069	2.61399699	1.00E-04	1.00E-04
5.07117315	4.813474	5.15101445	4.8930011	4.87891184	4.87635071	5.37787408
1.00E-04	1.00E-04	0.08167072	1.00E-04	0.127027	1.00E-04	1.00E-04
4.3070197	4.26305608	4.35283297	5.41931167	5.41256061	3.84493277	4.09398905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.76518815
3.65823813	3.19682843	3.3329607	3.90053357	3.72822781	2.94958384	2.99052909
2.39632583	3.91334652	4.2932849	4.10527618	4.44217285	1.29084398	2.01901417
2.3258367	1.2596863	2.23686184	1.3205696	2.50172779	0.86319656	3.06350879
1.00E-04	1.00E-04	1.00E-04	0.08792613	1.00E-04	1.00E-04	1.00E-04
1.74222865	0.74506998	1.09733539	0.69005469	0.43788775	1.26667164	1.00E-04
1.18114576	2.04372495	2.52485669	2.43497813	2.22532405	1.00E-04	0.55712436
0.40066661	1.00E-04	0.34811336	1.42078468	0.38706396	1.00E-04	1.00E-04
4.65736098	4.13109829	4.14485955	4.58562507	4.66464709	4.07631999	3.99776608
0.30074705	3.47497755	4.60594715	4.16806033	4.15043857	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09704178	1.00E-04	1.00E-04
1.04437788	1.93721342	1.80379214	1.2706425	1.32247181	1.00E-04	1.05176901
1.00E-04	2.42622902	3.61182941	3.5681813	3.23339899	1.00E-04	1.00E-04
0.75199578	2.19340916	3.41578224	3.01099543	3.11639612	1.86611479	2.3202474
5.90683206	4.94239675	5.75642749	5.22528698	5.25226104	6.00974409	6.34012516
4.0403907	2.7694366	3.49166463	3.32890177	3.06854432	4.28627636	4.48376118
1.33443872	2.50240073	3.69265611	3.71984666	3.28769112	1.08793411	1.13658288
2.52063103	4.86586003	5.47972212	5.10267316	4.99378379	2.63164212	2.66071864
4.07839277	3.50393557	3.66176522	3.5552677	3.55265357	4.24140758	4.37941793
1.57054947	1.00E-04	0.53948915	0.94034025	0.46538784	0.68203783	1.35340576
1.44075952	1.00E-04	1.97069886	2.42434902	1.4880784	1.74483486	1.97383769
3.03382068	1.00E-04	1.99046775	2.03354563	2.21731256	0.9559646	1.59181074
1.00E-04	1.00E-04	0.23008498	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.96688399	2.3444661	3.3364451	3.24928599	2.90040841	4.63361818	4.67447808
2.81398949	3.33872627	2.7325934	2.73485664	3.06801037	3.66121618	3.26503301
1.00E-04	1.00E-04	0.06649866	1.00E-04	0.19681031	1.00E-04	1.00E-04
2.36073409	1.00E-04	2.20949012	2.53576097	3.61104369	1.68276185	2.77446852
3.98362831	1.77219596	2.8860091	3.59675628	3.46920344	2.74757059	2.86756108
1.00E-04	0.96847026	0.08590433	0.34380887	0.321972	1.00E-04	1.22245167

3.14046714	1.00E-04	3.33077851	4.20963593	3.71056532	1.8638326	2.55803007
2.78365164	3.01475825	3.787644	3.46595443	2.89616277	3.01390142	2.29589877
3.56675126	2.04667882	3.51635597	3.58082792	3.35213043	3.08814968	3.1285143
1.52068186	2.40098921	2.07886202	1.42633764	1.67029274	1.14323729	1.81434931
1.72058963	1.2795411	1.95302315	1.48444355	1.81044445	1.32413304	0.46517855
1.00E-04	1.00E-04	1.00E-04	0.06816182	1.00E-04	1.00E-04	1.00E-04
3.43755132	2.02361995	2.81468845	2.9896609	2.91525425	4.81299143	4.34700633
2.70983869	1.7905653	3.16581499	3.65521231	3.34022734	2.16556169	1.652824
0.8593725	1.00E-04	0.30234174	0.27822679	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11130594	0.08916315	1.00E-04	1.00E-04
1.41430188	1.28518064	1.94347323	1.57013262	2.08737031	1.36695586	0.316869
2.03222032	1.00E-04	1.40647788	2.64257758	2.02006643	0.96274275	0.7179807
1.90895078	4.90295616	5.26757352	4.53438811	4.57034827	1.37290132	1.22180816
1.1960256	1.00E-04	0.62519586	1.20191728	1.84129899	0.97412898	1.70942608
3.12220662	5.55178978	5.99093503	5.4039375	5.29980132	4.35516785	3.47044742
0.29379685	1.25855308	2.96509683	2.91263196	3.02786317	1.51042251	1.68068478
4.16188707	1.30842654	3.2065929	3.55692077	3.74186105	3.59969523	3.04003194
2.53818587	1.00E-04	2.61884131	2.24860666	2.64598956	1.86148357	2.56707778
4.00222985	3.16752232	3.61690776	3.17300366	3.52527571	3.337875	3.79224685
2.93128073	0.72877389	2.21707765	2.49406903	3.30599051	2.63419568	2.6508783
0.91945925	2.14436956	1.48710561	0.77386538	0.6595812	1.00E-04	0.40038755
1.08274408	4.8000376	5.21038356	4.73343757	4.81753528	1.76531302	1.00E-04
2.51030231	1.47996903	2.27242566	2.32197241	1.68946388	2.6355719	3.1624836
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66264689	3.16198261	4.27902691	3.87685785	3.84194457	1.00E-04	1.00E-04
1.00E-04	2.13766749	2.62648079	2.54978651	2.11883762	1.00E-04	1.00E-04
0.42093778	1.17452218	0.60409998	0.42134454	1.79130873	1.68743127	1.48223447
3.29144972	1.12769243	2.61174092	3.02002186	2.89133366	2.99779995	3.64623271
5.07940112	3.40180095	3.64205266	3.16247836	3.05242993	4.61727114	4.8512283
1.93799967	1.92872114	3.37778735	2.68987001	2.83455539	4.24840621	3.79720082
1.24792161	1.00E-04	0.2006616	0.24856154	0.76740509	0.97412898	0.92052278
3.70105764	2.01696748	2.44896388	3.10415955	2.36723228	4.08211305	3.49598591
6.20674296	5.54279446	6.56101102	5.83229153	5.64368491	6.9108722	6.89326877
5.2414408	4.83629044	5.33554335	4.91409087	5.13679835	5.73931401	5.73458687
1.74551235	1.28232395	1.66462873	1.46259467	0.96579007	2.98564926	4.04436611
1.00E-04	1.00E-04	0.14225777	1.00E-04	0.36902542	1.00E-04	1.00E-04
6.2580502	4.22916278	6.04230783	5.86769101	5.71763184	5.32303896	5.14658743
5.37853869	3.40747024	4.83310961	4.92139834	4.7700138	4.47455165	4.34888549
5.36575528	4.05626433	5.83188332	5.80655495	5.60272944	4.57992732	5.4915602
5.30074768	2.37673559	3.38364929	4.29454401	4.63584986	1.39885208	2.28699184
5.64349294	1.98272647	3.07174969	3.77971878	4.14807644	2.16720834	2.17646548
3.5785217	0.68407235	1.26956534	1.53309967	1.44981517	1.00E-04	1.26691255
4.53891585	1.00E-04	0.54586997	0.40368233	0.97382211	1.54459161	1.57182068

5.79096016	2.15581019	3.67572961	4.00587672	4.50010208	0.86494787	2.31623775
6.0839148	2.99324714	3.12566154	4.62166836	4.41333036	1.00E-04	1.82117997
6.17454199	3.27290993	4.20928517	5.03947561	4.86079636	2.27778973	2.84766973
6.53330966	3.52642043	3.81314674	4.89690085	5.18176736	2.38307719	3.06992839
7.91420105	5.28760992	6.28271514	7.16288802	7.19865296	4.69889337	5.15415086
7.10848127	4.74821846	5.47349341	6.49462624	6.55459673	3.78004411	4.46287951
6.10822648	3.70931093	4.51098689	5.32635545	5.18845015	1.71155535	3.52311028
4.65569245	3.06800725	4.25110351	4.16757537	4.27930357	3.77802953	3.6689161
1.03526393	1.00E-04	1.54638239	0.77337223	0.89335512	0.71661629	0.72495184
4.91298761	4.2098282	4.1078335	3.82729823	4.34600187	6.20225439	6.20567658
5.35956952	3.97262556	4.66496516	4.17154159	4.45795816	5.4974701	5.56396563
3.32924335	3.12966239	3.30565395	3.58614764	3.41886144	3.4256311	3.24898051
3.5182954	2.85609404	3.64737906	3.74180856	4.12287686	3.83603268	3.62162929
5.57620436	3.84505997	4.25266934	4.00550469	4.15856235	5.92413934	5.80443999
2.15703016	1.56472096	2.55341879	1.78159532	1.67277477	1.38927927	2.18641447
4.95230081	3.24757596	3.85827296	4.40251197	4.33762242	1.86772542	3.21105357
3.29806778	3.20783866	2.25884627	2.62321133	2.48478696	2.96586481	2.69378373
2.60418739	1.90823614	3.18694892	3.11220585	3.24881884	2.9457842	3.66011613
4.59642116	4.13142081	3.95034677	3.76443093	4.15194535	4.28790029	3.86902784
2.34730384	1.00E-04	2.87399395	2.79129072	1.92639422	1.12785157	1.33397866
3.1356825	1.77610515	2.73929584	3.18940007	3.24837682	2.81408209	2.27652107
0.91502523	1.00E-04	0.23881889	1.77126803	0.55075846	1.99632216	1.00E-04
3.9857998	1.53741968	2.90793695	3.66467887	3.45709051	2.49546797	2.69092232
1.40214578	1.49641748	2.31650752	2.96430966	3.11941378	2.25892374	1.39686577
0.09031792	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98968534	2.77157436	2.46481072	3.28775882	3.04323833	1.2960196	1.13158847
0.37676908	1.00E-04	0.53486304	0.48659216	0.21887105	0.77429742	1.00E-04
1.61205444	1.00E-04	0.78165458	1.97749242	2.01328588	0.88297287	1.40624424
1.34973088	1.17452218	2.053427	0.93324836	1.05268893	1.00E-04	1.52238261
2.56459995	3.75761377	4.68587507	4.63835911	4.71221126	1.00E-04	1.00E-04
1.00E-04	0.72877389	1.80546904	1.85012152	3.03453099	1.00E-04	1.00E-04
2.76756615	3.5198874	3.175648	3.97695804	4.05875711	0.97412898	1.1643256
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1.00E-04	1.00E-04	0.26534143	0.42782802	0.14152107	1.00E-04	1.00E-04
2.60020024	1.00E-04	2.31362229	2.37129998	2.67573067	2.36806594	2.40130595
1.58137203	2.08792815	3.06085558	3.22800216	3.33289111	1.97245613	1.47371486
4.45106895	2.11502737	4.26060682	3.83352069	4.02556629	4.92866775	4.96553406
5.19486704	4.32152652	4.08819432	4.52971912	4.49780626	4.64298758	4.82989434
2.59502101	3.18024799	3.02097752	2.1813716	1.94540872	3.56041797	3.05900743
4.81706828	4.24407883	4.49345274	3.98586462	4.07373124	5.30531879	5.39098117
4.9616534	3.41524785	4.72394146	4.3126277	4.40015501	5.02912233	4.95677339
4.44692073	1.00E-04	2.36777076	2.43722651	2.92983806	4.76827976	4.45983854
2.89214584	2.30218443	3.08404103	2.41870974	3.20285603	2.39833748	3.02644648

6.05859301	2.65721773	3.95225396	3.57604017	3.832828	5.60821476	5.3145661
2.08531822	0.87612072	2.05937837	1.55388961	2.01892348	2.42994199	2.11287893
3.15935983	1.77220404	3.5504315	3.37019237	3.45568142	1.89971983	3.05990249
2.14457189	0.8358776	1.37278727	0.56230306	0.90245837	1.43680448	1.83649971
3.27905792	3.5376217	5.16851497	4.53340116	4.62154434	2.41541405	3.08866097
4.57420723	3.00799301	3.50057883	2.64605516	3.13551677	4.01422096	4.33112075
0.56815709	1.00E-04	0.30588092	0.13125573	0.1685492	1.00E-04	1.43838478
2.43678609	4.09605139	4.76474322	4.55676564	4.4174638	0.74564767	1.13824477
5.67146268	4.95568163	5.11196401	4.76234882	4.75762823	5.54531058	5.47864066
3.8003875	3.81332263	4.91302548	4.46584458	4.19156904	3.47636398	2.84717423
2.40254295	1.12950432	1.58453959	0.60120261	0.51918865	2.94778441	2.69660121
4.0439626	2.45464141	3.68773931	3.22427969	3.43448905	4.57198965	4.44689955
4.21255391	3.4995499	4.33184967	3.91559237	3.89041403	4.91585703	4.77891108
5.70625137	4.37552479	5.44651899	5.09147778	5.02779844	5.405465	5.28736161
0.76253238	2.61141569	1.61737404	0.74359336	1.26102809	1.00E-04	0.48671447
3.6865905	2.22258465	2.9137775	2.73149547	2.40592034	3.69711299	3.4615797
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.30929598	4.31648605	3.9223427	4.55285391	4.11445262	5.2186778	5.11356297
2.62484291	2.29058828	3.04832223	2.0934029	2.27679958	2.07518086	2.14200786
5.09173835	4.33728041	5.29345958	4.82763153	4.817691	5.57136567	5.76629351
4.11388663	0.76524107	1.57607299	2.27138987	2.48348552	3.08952482	3.50923941
2.987478	1.00E-04	1.5251145	0.82197671	1.48578365	1.46813524	2.55732119
1.9481916	3.84784449	4.63660127	3.92768917	4.10764834	4.38743784	3.91551158
5.7941429	4.63173483	5.21893307	4.64206316	4.77267267	6.04134445	5.80433115
4.09120207	3.30552697	4.41013932	4.12450774	4.13739183	4.70935111	4.73278663
0.32909352	2.63366389	3.09829866	3.36564681	3.49810098	1.72359299	1.00E-04
0.57395023	1.00E-04	1.00E-04	0.93018776	0.23442217	1.00E-04	1.00E-04
1.61605361	4.47177051	4.77213615	4.02519001	4.11415163	1.47376412	2.69627655
3.3338936	1.472772	2.49125129	3.25004464	3.38639855	2.92412195	3.2800471
1.25864458	1.00E-04	1.30514558	0.74627884	2.35262494	1.87284937	2.89234345
3.3847969	1.09568947	2.6038223	3.33988422	2.93131207	2.59653364	2.39203696
3.03384439	4.09738891	4.32082732	4.66830799	4.19949177	2.66779617	3.42138067
5.27654596	4.5410768	5.01845507	4.86992241	4.84690778	5.56312049	5.96864869
1.44370498	3.56203371	3.45447488	3.0318969	2.68665912	1.00E-04	1.00E-04
0.41611842	1.00E-04	0.35712968	1.00E-04	1.00E-04	0.93702359	1.67804886
1.8425672	1.00E-04	1.00E-04	0.20201813	0.69229826	2.17588636	1.57284305
2.238432	1.00E-04	1.70008263	2.13282942	2.08460866	0.97058651	1.94912464
4.74108264	3.71837773	4.5253338	4.11029117	4.09811707	4.87250071	5.04092044
0.1494006	2.37193587	3.95734593	3.6966866	3.8196389	1.00E-04	0.99227054
3.92859549	2.38535678	3.5262331	3.5839018	3.92703198	4.02909558	3.90931465
2.02369317	2.07814656	3.61457348	3.76675212	3.33709375	2.72985878	2.6109177
1.00E-04	1.00E-04	0.13734826	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.34357574	2.81366118	4.20516121	3.80964723	3.99573359	3.56696101	3.71262914

0.98847781	0.68407235	0.83676671	1.13413399	1.64257653	0.86494787	0.40038755
4.52972386	4.18242882	4.54363749	4.14166987	4.18818797	5.24625372	5.32997001
1.45361843	2.94724951	3.8996226	3.88036684	3.73651469	1.00E-04	1.31520537
0.207933	1.00E-04	0.23365665	0.0822006	1.00E-04	1.00E-04	1.00E-04
4.37878903	1.97460031	3.2833894	2.84043953	2.92986599	4.43035185	4.21785541
3.89916802	1.61248138	2.85539887	2.32507357	2.74274993	3.54082695	3.86496112
4.90930976	3.88185399	4.81586683	4.26051868	4.48817206	5.37619237	5.3515864
4.75251007	3.86007587	4.17654885	4.0658994	4.18675407	4.46109963	4.63376891
2.93318815	0.79637057	2.94507935	3.32592705	3.54080444	3.80366828	4.19165979
3.35020987	2.7640092	2.88617847	2.76583646	2.10217149	3.59484175	3.58234261
3.74183303	2.96015817	3.54887159	3.33078155	3.70777067	3.91216225	4.06065151
4.17380048	3.19550565	3.83582563	4.01112285	3.74605967	4.26459469	4.25340645
4.7391195	2.42126936	3.57518372	3.3905261	3.85896165	5.23290236	5.19929363
1.38969652	4.05357633	4.89510423	4.49790239	4.47396477	2.48239488	1.49301352
1.108696	0.69779233	0.78507206	0.08852014	0.69636262	2.93018918	3.05619502
1.1964251	1.00E-04	0.93626673	0.82486174	0.63901416	1.70320723	0.7070202
0.71563503	1.00E-04	2.42390245	1.76698133	2.33468221	1.12978361	1.79309446
6.50492464	2.33276546	4.26132101	3.80253492	3.86937749	2.52839443	3.3530509
0.96198294	4.72798147	5.25057531	4.95640928	5.1279469	1.00E-04	1.00E-04
0.54201491	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.05066904	1.19051366	2.90939299	3.06241914	3.4011381	2.4438784	2.51488594
5.26147358	2.95239635	3.64806128	3.2896562	3.28063735	4.56358566	3.66057317
1.00E-04	4.07631408	4.47990982	3.50052548	4.34299721	1.00E-04	1.00E-04
3.65975377	1.94470158	3.02889037	2.59633069	2.5660357	3.51189813	3.74904885
4.95932365	4.66972228	5.3357199	4.95594389	4.85138485	5.5169345	5.43765813
5.07303266	3.57784672	4.65057096	4.56459726	4.51418941	5.33493992	5.39911736
4.44874464	2.63994746	3.97675439	3.46764452	3.68166707	4.30414567	4.62107492
1.7074706	0.87612072	0.96462256	0.71272901	1.05187737	2.00506934	2.60408739
4.05899743	2.43185377	2.2565869	2.15473199	3.03275839	1.9766717	2.81529531
2.7057169	1.00E-04	1.88140335	2.5033025	2.05900346	1.24065469	0.56264051
4.38897033	3.18175411	4.71741077	5.34538811	5.47691082	3.26768349	4.00330658
4.0045325	3.8084644	3.77055458	3.29721885	3.17129257	4.01554097	4.02423379
0.59313331	2.3742194	3.8225414	3.35962607	3.6400343	1.00E-04	1.84461731
4.76742466	3.43740699	4.29854569	4.05662311	4.27829615	4.94448209	5.09752319
5.26093893	4.94768551	5.41772005	5.06652972	4.85755955	5.362983	5.62003321
3.09901188	2.30929658	3.34169932	2.62386788	3.46604125	3.51351525	3.46853219
4.01491714	1.2795411	3.28243761	2.47943936	2.7633332	4.11168399	4.18861817
1.54164722	1.00E-04	0.56550703	1.22064966	0.64093771	2.00620214	1.22877695
2.38530267	1.00E-04	2.4678375	2.30210992	2.79341855	1.97245613	1.25465811
0.29412275	2.10597769	2.8978684	2.75455099	1.95188338	1.00E-04	1.35340576
1.16754589	2.04844405	3.71354542	3.40896911	3.85166957	1.39046758	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21741707	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.9909444	1.00E-04	0.30956998	0.53198567	0.71241811	1.00E-04	0.46517855
1.41054331	0.71640521	0.23507041	0.2241779	1.01784404	1.00E-04	1.00E-04
4.15615207	3.82260223	4.66555008	4.39365626	4.43024954	4.7182933	4.80026987
4.62014955	1.71147953	2.93347835	2.56856888	2.60668527	3.28313441	3.68251939
3.5847682	4.24121675	4.52754354	4.0555439	4.3496949	4.14772568	4.59651866
2.18619926	0.87612072	2.33189782	1.47838603	1.21064826	2.0258658	1.73893528
1.00E-04	3.06553147	3.23295556	2.77460423	2.66221461	1.00E-04	1.00E-04
3.76026006	3.32103479	3.4656137	3.7241285	3.86093155	3.44782073	3.66998503
3.27484067	3.23010421	2.75135455	3.01707756	3.44245269	3.22890775	2.3943273
1.40576137	1.00E-04	0.46638373	0.46657165	1.3805031	3.92567221	3.99843208
0.40672021	1.00E-04	0.46184484	0.10426514	0.14455498	1.38951674	1.00E-04
2.02195472	3.00090504	2.98587314	2.55552904	2.1140383	3.14416808	2.57633677
1.00E-04	1.00E-04	1.00E-04	0.11604183	0.39066234	1.00E-04	1.00E-04
0.22177449	1.00E-04	1.00939364	0.73525789	0.12233227	1.00E-04	1.00E-04
5.42936647	4.44000347	5.16785082	5.13732091	5.16834569	5.80957023	5.63358659
3.77479987	1.6716448	3.24030322	2.98141192	2.83540443	3.80703717	3.39276181
3.44076068	2.27204839	2.81406537	2.66999825	3.18050114	3.4411464	3.79306239
4.14402506	1.99700718	3.43021985	3.32922993	3.71528747	4.02463894	4.12519541
3.79392675	1.92312077	3.42296313	3.33852571	3.75640758	2.61144912	2.95168126
1.00E-04	2.50775336	2.71161191	3.8401936	3.84807306	1.00E-04	1.00E-04
2.08803784	2.17866452	3.65403544	3.32379052	3.28634011	1.3518948	1.16519022
3.46640133	2.35472986	2.7234983	2.62543543	2.41743469	3.39371833	3.91871257
4.93918709	4.34872708	4.89839857	4.76192426	4.62526771	4.69554304	4.8662305
3.06617762	1.98551859	2.55557165	2.62730669	2.30167749	1.91732969	2.72058113
0.06718044	1.28142983	1.78858887	1.25541064	0.39640681	1.00E-04	1.00E-04
3.71424619	2.24019732	2.90170508	3.45402324	2.99237965	2.77584938	3.35540422
5.61963613	4.51006259	5.42762754	4.82763973	4.93999227	5.84399054	5.844752
2.7453858	1.66601981	2.53531414	2.06992841	3.27783476	1.24780453	1.96479369
2.75209038	1.41136045	2.21707425	1.99857691	2.70200495	3.29918172	2.18031332
1.53967622	0.87612072	1.71720713	2.0504697	2.89904384	1.00E-04	1.29750152
2.36870387	0.71640521	1.60886643	1.49029683	1.28337757	2.05466712	1.49658821
7.38386516	5.83492345	6.10246905	5.90658358	6.12356697	7.8667736	7.91884297
4.94318078	3.66663692	4.90216327	4.54386897	4.16855936	4.18231773	4.16006351
4.64879041	3.8055964	3.66686819	3.47931661	3.29620147	3.83201606	4.75999647
3.50382646	4.77386964	5.2506058	4.66274052	4.66300765	4.08079886	4.31591932
0.8754234	4.27402789	4.68670254	3.91628449	4.09497934	1.86143099	0.82486735
1.54446367	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07557667	1.22644621	2.51768922	2.47962265	2.3495455	3.14358539	2.9077883
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.43434718	3.22920766	4.2508443	3.65464315	4.09967954	5.1243775	4.94995465
4.21098784	3.54591273	3.9124692	3.95765705	4.18028906	4.22281767	4.42713468
2.89032296	0.8358776	2.52086781	1.86102045	2.00893127	1.66214256	2.1762181

1.00E-04	1.00E-04	0.42617283	0.40526614	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21788391	1.00E-04	0.63495521	1.00E-04	1.19626579
2.96108808	2.91720695	3.0921013	3.5245831	3.71461238	2.07947323	2.01490549
3.51908261	1.00E-04	2.06061144	1.62889146	2.44410973	3.88336471	4.02586377
3.78760638	3.00966932	3.96533848	3.66794908	3.77441773	3.39910212	4.13781275
3.09260604	2.82243125	3.64704918	3.43750904	3.39371877	3.04776857	2.35830213
4.01486512	0.7902481	3.35058049	3.60495347	3.71331096	3.13896883	3.42504839
4.79140883	3.72885852	4.77201019	5.66825852	5.91711815	2.70380286	3.97739785
2.32486755	1.00E-04	1.17949647	0.51533668	0.69636262	2.887221	1.00E-04
3.14718453	2.38011589	3.1811426	2.55410123	2.87545234	4.1521503	3.95692907
2.63057756	1.41755274	3.4089985	3.61257151	4.10338327	1.24135441	1.46088974
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.74282539	0.32885745	1.35777253	1.00E-04	1.00E-04
4.98207064	3.52992656	4.47644399	4.57345273	4.85717545	4.17309167	4.59986416
1.10213889	1.00E-04	0.65822839	0.28187127	0.63214468	2.11516198	1.00E-04
1.36806781	1.00E-04	0.5811195	0.78457357	0.72921504	0.85260137	1.00E-04
2.43393316	1.00E-04	0.66316003	1.61990369	0.66813464	1.34954405	1.22697765
4.13667336	2.10540506	3.59647128	3.36737777	3.56422311	3.90239333	3.81967449
1.94242692	2.07644048	1.88876911	2.47526908	2.70232133	1.23897179	1.7491613
2.09604032	0.68407235	0.83251255	1.61935941	1.01729164	1.75968891	1.27747878
2.55448839	0.68407235	1.33042164	1.50835858	2.72927387	2.09716971	2.28335322
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1.39314369	1.52450337	1.76705852	1.63504666	1.67544998	1.00E-04	2.34381971
4.1755155	3.36614425	4.40949946	3.75434044	3.92161283	4.55633327	4.58341611
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2.34205931	1.31007456	2.23169036	2.56311551	2.12235887	1.0281643	1.4289724
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3.92431557	4.05529803	5.04266404	5.0366964	4.94105486	3.69603964	4.23966101
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2.19006595	1.28532547	2.32495216	1.39129658	2.21955114	2.74711021	2.70696841
1.00E-04	1.00E-04	0.27842814	1.00E-04	0.11946472	1.00E-04	1.00E-04
4.87834401	3.52683963	4.30772067	3.85886632	4.42022583	5.65533597	5.786189

1.00E-04	0.87456952	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.17775625	1.00E-04	0.50163378	0.48925016	0.28917936	1.63825757	1.4729514
4.15214599	3.48989564	4.13680529	4.78964557	4.39188584	2.77262597	3.22275554
0.36806273	4.12075762	4.52403957	4.81424293	4.67605529	1.00E-04	1.00E-04
3.78995838	2.60947486	3.71182107	3.97739396	4.07393527	2.82284619	3.0393713
0.50540624	2.12991171	4.31779593	3.87232692	4.08998211	1.33356452	0.56264051
1.93550551	2.11607924	3.71549523	3.78591332	3.89027519	1.41043183	1.82485043
4.50222262	4.39083189	5.18825837	4.78794353	4.63848895	3.6225059	4.04962829
4.96734194	3.18346507	3.9804918	3.12011681	3.36361211	5.12811812	5.01071464
4.63456302	3.81532716	3.80212152	3.43903584	3.52705237	4.73135777	4.91901671
0.72445193	3.54071991	4.71805113	3.60221993	3.27192393	1.39885208	0.41275046
4.91240763	4.35575445	4.1268376	4.02595686	4.18903168	4.75188629	4.36283441
1.01892856	2.31546352	3.49257104	2.96122174	3.01721024	2.15652455	1.51268105
3.22648003	1.77463224	2.64059334	3.46334479	3.32389189	1.06401448	2.2873549
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2.10693597	1.98051252	2.53591611	2.1853851	2.69497643	1.11641065	1.8166047
0.24390435	4.65426209	5.29167359	4.95320741	5.21532078	1.00E-04	2.1565246
4.55853936	3.23990492	4.06299394	4.18874397	3.78774218	4.74759435	4.6281273
2.18186528	0.96847026	2.35256291	2.22790896	1.80498904	0.79958263	1.56519651
4.05439703	1.95325282	3.40627343	3.24425063	3.55692538	3.89654646	3.61469194
3.18785768	1.00E-04	2.42229643	2.7049005	2.83453028	2.28919759	1.75584473
2.88763239	1.00E-04	2.49258121	2.8596322	2.37634025	1.00E-04	1.43803956
3.16419794	1.16726039	2.52802384	2.62171988	2.75057705	2.65793325	2.76322981
3.1402114	2.15466418	2.5169223	1.12744377	1.17890076	3.26966268	4.02899421
5.28260009	4.21291885	4.97602721	4.29060104	4.45796626	5.40549233	5.5315926
6.8224522	5.07063331	5.9625465	5.38173148	5.38416318	6.57492241	6.49951898
4.11530499	2.33901225	3.46267032	3.2138029	3.22401337	4.30915351	4.48817244
0.93178074	1.00E-04	0.70613056	0.44561869	1.22732678	1.43680448	1.00E-04
3.89619868	3.72540015	4.05651665	3.49046018	3.6702392	3.96161102	3.86084537
2.33382504	1.6183559	2.55900359	2.2982358	2.84358129	2.59556068	2.30994572
3.32238455	1.97766416	3.2351557	2.6960384	2.86754453	3.62990605	3.74452335
1.62693354	1.00E-04	1.48234367	1.29553568	2.45781634	1.78550395	1.99870231
3.39521382	3.44353588	2.93289298	3.46881998	3.41209156	1.94332098	2.87468693
3.40495894	2.5169243	3.13669691	2.97188859	2.84927604	3.64980259	4.18206576
3.58178728	1.00E-04	2.52478554	2.87139892	2.73913316	3.33476263	3.38896728
1.6042254	2.39436883	1.57741086	1.96435833	1.41237376	1.61195728	1.7450557
4.01241238	2.59054372	3.3656695	2.6738359	3.38231225	4.44994043	4.09089819
3.22843438	2.1687379	2.75303971	3.09732367	2.56899828	2.71763409	3.09376541
3.35438789	3.52175395	4.65779021	4.77515414	4.69624172	3.61367025	2.87958538
3.89760956	2.69341792	3.20524541	2.84972273	3.11701169	3.91158616	4.11543731
4.55139773	4.43020819	4.21841994	3.57141532	3.76399125	4.81042827	4.90805553
3.01234595	0.74506998	2.12564422	2.52476859	3.06601157	1.96131109	2.4180667
2.99567458	1.61087376	2.62004074	2.77252545	3.44412492	2.51891485	3.32354387

3.23369	1.86214651	2.68928259	3.19408145	2.57482725	2.56688362	3.00349429
3.27879617	1.96332202	3.98015919	4.87068651	5.0221813	3.02326408	3.11116822
3.76592817	3.1838165	2.89183913	3.18758942	3.52401711	3.01991119	2.82555924
2.84801879	0.92068596	2.81544357	3.01277454	2.68589885	2.75879314	2.94624263
2.76626451	1.47912128	2.24900189	2.40171327	2.31613852	2.37998036	1.7232212
3.43799385	1.93867022	2.59139486	3.12802698	2.69527846	2.00410725	1.3119973
1.29551068	0.96847026	0.85355819	0.47424288	0.8376255	1.33183829	0.7070202
0.25761672	1.00E-04	0.06649866	0.09740575	1.00E-04	1.00E-04	1.00E-04
6.08147003	4.21357002	5.16577751	4.87038728	5.19853296	5.61726983	5.91158025
2.66431391	0.79637057	2.66862181	2.18250955	2.8699751	2.48461249	2.39563778
6.84828913	1.2795411	2.67935967	2.154907	2.83774961	3.06852345	2.87914686
4.72840986	3.43760953	3.45537913	3.19758965	3.15903552	4.61144082	4.48383754
1.49275148	1.00E-04	1.20407299	1.57615197	1.24289445	1.00E-04	1.38776908
1.00E-04	1.52844921	2.98942776	2.03434541	2.28092108	1.00E-04	1.32208337
2.71204869	3.71621013	2.00029363	1.65427	1.55905944	2.38734748	2.35132444
1.95840567	0.68407235	3.37577237	2.52952855	3.09417001	2.48392547	1.86020182
3.54249506	3.71619457	3.13387149	2.81047683	2.94122187	3.97274448	4.48720983
2.63317177	1.1971089	1.15143109	0.73875252	0.56554583	2.22336177	2.18027261
0.5607216	1.00E-04	0.49983145	0.29945245	0.34901539	1.00E-04	0.56264051
1.94520813	1.989104	3.2693772	3.20329105	4.0114091	1.00E-04	0.49725191
2.00781356	0.74506998	0.86284287	0.75032767	0.6800653	1.00E-04	1.00E-04
1.46696576	1.00E-04	0.3263464	0.34608562	0.2613528	1.00E-04	1.14061365
0.51567597	1.00E-04	1.00E-04	1.00E-04	1.78326852	1.00E-04	1.00E-04
1.23036185	4.50416837	4.87451821	4.2913597	4.45741528	2.66976426	2.17764611
0.2844415	4.49399863	5.06065418	4.39150871	4.35095862	1.00E-04	2.59657629
1.00E-04	1.00E-04	0.70814785	0.46498409	0.73282851	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.64344974	0.45855405	1.32945218	1.00E-04	1.00E-04
0.59767038	1.00E-04	0.68106571	0.09296692	1.22969983	1.00E-04	1.00E-04
5.26848207	4.49572547	4.39142937	4.01432081	4.44021452	5.76822411	5.86263665
2.26726917	2.49657432	2.17085067	2.12911866	2.25790545	1.63825757	1.45840791
0.71940205	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26488405	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.96437724	0.87456952	3.08698293	3.29630157	3.24294737	2.90273691	2.00771188
0.54455185	1.00E-04	1.00E-04	1.00E-04	1.97389591	1.00E-04	1.00E-04
2.6641034	2.12454706	3.04422476	3.58919925	3.32148191	1.18075338	2.2188429
3.22351209	2.13792919	3.42509749	3.54203265	3.46087944	2.26920104	2.37434325
1.00E-04	1.00E-04	0.27376253	0.37919093	0.13536061	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.02016268	0.52570615	1.29709814	1.00E-04	1.00E-04
1.13684658	1.00E-04	1.63174418	2.18929184	1.84435347	1.00E-04	1.13846495
1.55341189	3.09780265	4.53678303	3.58047862	3.3859724	1.88662576	1.00E-04
3.84504544	3.59634551	3.31114744	2.82513306	2.94972234	4.17884597	3.80613155

3.68165729	1.55641552	2.53137582	2.13691305	2.9090146	3.36083701	3.13609664
4.47810563	2.28131168	3.95880674	4.1620913	4.27832125	3.50584076	3.80991048
0.8803024	4.21046377	4.6126463	5.18664503	5.11892332	1.00E-04	1.49541642
3.36629272	2.76815678	2.88434703	3.56137126	3.39348388	3.31834835	2.97626051
1.85998654	1.08649412	2.3334547	2.11738478	1.41772511	2.60439123	1.57139772
2.62994748	2.99377425	2.07446129	2.49557848	1.76880829	2.94193301	2.97196497
4.30317571	3.61982727	4.83398798	4.23966689	4.40232841	4.87270376	4.5581181
4.01923209	3.24373626	3.90473965	3.77782626	3.87496299	4.07898326	4.61806041
2.07243516	0.69779233	1.07852678	0.57448226	0.64552152	1.72296534	1.9856532
2.67021217	1.76958055	1.48714858	2.36905782	2.47722099	1.31757904	2.33420626
4.06772676	3.48325464	3.1693516	3.38737103	3.12060414	3.02950158	2.72890476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.28257203	1.00E-04	2.04324696	2.4216862	2.32404987	2.15041126	1.25951533
2.75938062	1.25074513	1.92405216	1.92051795	1.91498323	0.62567961	1.64435461
2.45931546	1.16726039	2.44454223	1.61505159	0.85413934	1.00E-04	2.0032806
4.04014819	1.63712297	2.77443089	3.01790399	3.07422829	3.66379559	4.41142497
2.54466796	1.18919506	2.24167631	2.57456103	3.2308449	2.47741602	2.21516373
1.00E-04	1.00E-04	0.36226506	0.31236357	0.80243141	1.00E-04	1.00E-04
2.60210565	1.43232803	2.29275866	2.17153848	2.37973579	1.67489174	2.71901109
2.53638489	1.18676999	2.04090625	1.97025539	2.17134096	2.76239118	1.97919269
2.42632873	1.57309426	2.14540315	2.01525679	2.27985818	2.53217143	2.73615795
2.50754544	1.50851539	2.544258	3.19000078	3.30057672	2.24373091	2.14200864
3.57340892	2.22033199	2.67252767	2.97631283	2.4582498	3.02795145	2.88336112
3.35475329	4.27941687	4.31170586	4.69743568	4.7132549	2.96939399	2.19851612
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.67700729	1.85830215	2.81992845	2.6260614	2.38130362	3.50856384	3.56319077
4.16660708	2.92327603	3.52944026	4.31443054	4.10837709	4.34753784	3.98314143
1.01121588	1.00E-04	1.00E-04	0.30254029	0.67946289	1.00E-04	1.00E-04
0.09976055	1.00E-04	1.00E-04	0.43291883	0.13025542	1.31443423	1.00E-04
3.70613941	1.47912128	2.78349809	1.78288403	2.59393646	3.40178036	3.99264096
1.63894623	1.00E-04	0.81464525	0.81002304	0.45011129	0.72869785	1.00E-04
3.44477504	2.00305958	3.02820232	4.00204547	3.9001469	3.03553012	3.09474399
0.06336707	1.00E-04	0.17442407	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72672197	1.80692789	2.08958546	2.18743798	2.70972947	2.57899048	2.62387593
2.01019018	1.00E-04	1.61302145	0.45861825	1.28406172	1.00E-04	2.52986
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.61022208	2.26216793	3.69652037	3.63164184	3.49568128	3.79032497	3.92620336
0.23412169	1.2596863	1.3966918	0.79534475	1.26158463	4.33187775	4.04782695
5.2014091	3.97646256	4.32713245	3.90700764	3.99513801	4.31036404	4.60005579
3.82543404	3.61825516	4.24161838	4.10828847	3.88317275	4.033874	4.0888457
2.87657851	2.00147827	3.8336911	3.94156702	3.50265322	2.0163864	2.79169345
3.85959036	1.00E-04	1.86728205	2.74326395	3.20227667	3.48587896	3.17301932

1.00E-04	1.00E-04	0.07209144	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93512285	3.34883242	3.3237053	3.51904777	3.28487897	2.58480453	2.60268608
2.91900694	2.07891153	3.3937066	3.19631654	3.46219944	1.51302362	2.22380141
3.21901296	1.90039105	2.88864561	3.05086851	2.83090417	3.43358783	3.62660658
2.58145605	1.92093733	3.25716436	3.21819756	2.94199617	2.75625397	2.05002123
2.10203255	0.8358776	1.1283597	1.12320006	1.74352666	2.48901193	2.02620494
4.56523687	2.09907987	4.0261168	3.69538349	3.99748264	4.7581299	5.01294055
4.0681866	3.83721416	3.75495192	3.79026388	3.84903722	3.8836694	4.09239559
0.24522927	0.8339972	2.53936725	1.65157162	1.49693586	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06649866	1.00E-04	0.30191399	1.00E-04	1.00E-04
2.08839478	1.2795411	1.74876872	2.70626516	2.68750998	1.00E-04	1.53462956
2.71138108	3.45650583	4.08770448	3.84421989	3.93117879	2.4261686	2.22255484
1.64898491	1.18919506	2.0153671	1.72336313	2.47559598	1.00E-04	0.86789477
1.94804221	0.96847026	1.63997203	2.24773809	1.91537985	1.00E-04	1.49371538
4.01218153	3.21681031	4.01834866	3.82123349	3.69199097	4.82799383	4.84203247
0.49969646	1.00E-04	0.39489167	2.10257329	1.89916593	1.00E-04	1.00E-04
3.83382176	2.18351589	3.40534321	3.05430367	2.91153999	3.97340463	4.06170677
1.36656605	1.00E-04	1.53258291	1.23148888	1.25619248	2.04067506	1.16048721
5.03857905	3.99453035	4.06737827	4.13679511	3.82113803	5.26907023	5.14305895
1.89925264	1.00E-04	0.13823142	0.0825412	0.09759627	1.23897179	1.00E-04
1.00E-04	1.00E-04	0.1603836	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84012813	1.00E-04	0.07911744	0.09790117	1.00E-04	1.00E-04	1.00E-04
3.98076751	3.20445811	3.1896563	3.31569147	3.0035876	2.78702358	2.88731042
2.93786361	2.98698161	2.53129724	3.25041024	3.37984588	2.328764	1.57544907
2.51692724	0.69779233	2.58424507	2.30552849	2.52804957	2.82154961	3.30829914
4.59765172	1.60800337	2.85180726	2.6349188	2.39128998	4.23972463	4.25120322
2.45469837	1.00E-04	2.83749364	2.5389501	2.60389166	2.46230204	2.60418396
0.21280737	1.00E-04	0.20156473	1.00E-04	0.10702905	1.00E-04	1.00E-04
0.19507903	1.00E-04	0.74432051	0.52009794	1.84213084	1.00E-04	1.00E-04
5.35565132	5.04584201	5.85457503	5.51016175	5.72423735	6.53604419	6.83031025
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.44278495	4.58146988	4.81681933	4.82487155	4.70413308	4.16530298	2.78466784
3.62928192	1.18919506	2.26280096	2.5686521	2.34703237	2.98784143	2.52244992
4.90882809	4.37926887	4.90586178	4.7280238	4.7088282	4.28647618	4.86121339
0.13090406	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.08498372	2.69550719	3.20005501	2.74975869	2.99326344	3.33376698	3.68940083
1.82169764	0.79637057	3.12024727	3.68259104	4.14240548	1.48634524	1.00E-04
3.7105899	2.82130572	3.67387194	3.9356755	4.01139387	2.82198539	2.30153825
5.09599074	3.87961065	4.98979345	5.89205323	5.9039782	3.3395661	3.71999881
1.00E-04	1.00E-04	1.00E-04	0.14417241	1.00E-04	1.00E-04	1.00E-04
0.56580961	1.00E-04	0.80788518	1.6644802	2.01314106	1.00E-04	1.7966411
4.74430333	3.16742691	4.40994558	4.21407172	4.43487236	5.15348773	5.33136112
4.00072634	2.3795938	3.85061842	3.78350718	3.83096062	4.08591015	4.2368637

4.98832648	4.02839419	4.54888748	4.09848502	4.29413159	5.27048425	5.30355118
2.42045477	1.96870515	2.94665137	3.00121804	2.78005858	2.74024501	2.11629522
3.18320379	2.53403098	2.72872594	3.12313656	3.32283954	2.32495709	3.11091345
5.14011	4.1702666	4.60835205	4.14292365	4.62634419	3.19902194	2.75817668
2.72634868	2.16653555	2.73058616	2.16459201	2.92263017	2.67003147	2.80738386
0.67778486	1.57096094	2.15266045	1.60174208	1.65657355	1.00E-04	1.00E-04
0.25623606	1.00E-04	0.25053698	0.23001956	0.14152107	1.00E-04	1.00E-04
4.90383615	3.72895087	5.06456632	5.49334597	5.35119331	3.59125026	4.45920898
4.73194152	4.03949149	4.73834685	4.16145315	4.45745653	4.29380653	4.5673727
5.1506418	3.34132395	4.47959646	4.29306181	4.26825538	5.34983134	5.10067142
3.04408879	1.2795411	1.27091825	1.7449173	1.73494923	4.65746402	4.49600737
1.51946713	4.68371451	5.53930794	4.71318168	4.56643239	0.96326844	2.54376746
2.49747039	1.18919506	3.03990136	3.78122865	3.81552892	1.6638523	2.3678509
1.93031125	3.87845737	3.86477384	3.35447322	3.32332149	2.95510261	2.67237301
3.458614	2.85254759	4.19489719	3.88184493	3.84876434	3.33899911	3.00167027
3.74105267	2.25960267	2.97537814	3.02171203	2.80611013	2.8477033	2.81239919
1.1418041	0.7902481	2.1332018	1.84402752	2.09397837	0.86494787	1.65152672
3.32741963	1.72958885	3.5568612	4.31928464	4.12508789	1.43054211	1.47384617
5.12813142	3.51276802	4.50812912	4.1567713	4.53016328	5.17929185	5.19673773
2.55163465	0.72877389	2.43834637	2.90119403	2.6756256	3.09344082	3.09182084
2.3959259	1.00E-04	2.08085783	1.866009	2.83048506	1.86872628	2.80707819
4.87808151	3.82475058	4.87434745	5.86575468	5.54165486	3.85725578	3.82264202
2.71990232	1.18919506	3.18111415	3.49841943	3.83509574	2.75096053	1.48307733
4.14620674	2.90921587	3.17628684	2.76024148	3.29427438	4.21865084	4.21603558
2.87511673	1.46073695	2.66811944	2.05178367	2.22736886	3.08213377	2.85964659
3.41205517	1.00E-04	2.16418506	1.86720952	1.99286296	1.00E-04	2.68138665
4.8268599	0.7902481	2.00755131	2.35058237	2.11518696	2.21796571	0.94608236
1.17078496	1.33968741	1.66755358	1.31760911	2.39290392	2.47378415	1.88735379
3.72625319	3.24504045	4.06769145	3.7759636	3.44182459	4.19622093	4.36514117
4.24385306	2.94123915	3.8844371	3.67033796	3.80576914	5.0367771	4.75640444
1.88750602	3.86179184	4.28490838	3.99492085	3.72791173	1.49798653	2.18246219
1.00E-04	1.00E-04	0.09148407	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.96839725	3.47910094	4.54296339	4.45841855	4.49629748	4.1341823	4.44766765
2.78492848	1.79172557	3.24226192	2.67442068	3.24560757	2.81636062	2.83777703
3.41056025	2.52070003	3.12004932	3.05172463	3.26083706	2.46029317	1.48491524
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.72600728	4.40105237	5.43860566	4.94722493	4.97148344	3.76382987	3.57026027
1.52964666	4.84545318	5.10321911	4.83632669	5.06122419	1.00E-04	0.97717137
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1025689	0.09790117	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22950688	1.00E-04	1.00E-04	1.00E-04

2.63929445	1.00E-04	1.00E-04	0.10902669	0.18609755	0.81755274	2.13548504
1.09123806	1.00E-04	2.92671884	3.04489165	2.13319395	1.00E-04	1.37881795
3.07679504	1.2795411	1.40109253	1.07455645	0.41215019	2.1046063	1.97862128
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16753828	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53066354	1.00E-04	1.00E-04	1.00E-04	0.13631278	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	1.00E-04	0.08509915	0.52099732	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11450942	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08952278	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.43838478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21615804	0.17660197	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31811013	1.00E-04	0.47797694	0.36345015	0.13631278	1.22667441	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11605641	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09060953	0.06796023	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.47990146	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30363204	0.18833349	0.44547915	2.5138613	1.47065192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.58659806	0.25221757	0.2037893	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.0824918	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.2626046	1.3386578	0.23130677	0.08952278	0.22367009	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09660285	1.00E-04	1.00E-04	1.33164339
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63302481	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.10924105	1.00E-04	1.00E-04	1.00E-04
3.06984564	0.71640521	2.19126991	2.5253405	2.97634048	2.38526687	2.31351409
2.40228141	1.17452218	2.3318745	1.47361169	1.45927618	3.29890381	1.77684214
4.47929899	1.67606544	3.06352955	2.90505324	3.42505164	3.75712418	4.17300324
0.16484259	3.04565557	3.48389288	3.5551804	3.23680727	1.00E-04	1.00E-04
0.94830339	1.00E-04	2.1125018	3.24394809	2.9208628	1.00E-04	1.00E-04
3.91308126	1.79615465	2.46103187	3.05789525	3.00117594	2.94699593	3.23009569
4.09532538	4.23004358	5.38759555	5.231676	5.59985836	4.66822614	4.78803003
0.3329013	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.34788336	1.00E-04	0.90095819	0.4227036	2.12680338	2.65941872	3.0467779
3.81248195	1.76129096	3.59323104	4.10658578	4.19577896	2.17909169	2.23236997
5.24751551	4.34342022	5.0261314	4.57670622	4.64536756	5.49587976	5.78813853
3.36274805	1.60800337	3.5417354	3.56046072	3.54233728	3.23745073	3.91865554
4.3686983	3.11372589	3.8077523	3.69925589	3.16052378	3.29638527	3.22936584
3.78811799	2.51988589	3.70000215	3.71184718	3.8644947	2.9570451	3.24039369
3.33234411	1.75145672	3.08330048	3.01231452	3.07659799	2.95871712	3.15768111
1.00E-04	1.3106013	1.92807036	1.19236866	0.89257489	0.81755274	1.03441279
1.11171385	1.00E-04	0.63453915	0.25784471	0.44603147	1.00E-04	1.24011905
0.48606794	1.97992972	2.82412229	2.84557701	3.12288434	1.00E-04	1.00E-04
0.19336288	1.00E-04	0.71832499	0.13046994	0.56078117	1.00E-04	1.00E-04
1.53428283	1.00E-04	0.3636176	0.71181157	2.3909137	0.96326844	1.47360994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83083207	1.00E-04
3.91266711	2.18559406	4.00879788	4.47406734	4.50623485	3.14672297	3.49798914
1.28289323	4.60144693	5.18913279	5.79652925	5.60545985	1.78203754	2.23148911
3.63022177	2.07221546	3.50038063	4.04850768	4.00883653	2.21894969	2.90295585
2.99971065	1.00E-04	2.50150108	2.06889101	2.34696286	2.42510634	2.61446743
2.918675	1.92757628	3.02600355	2.9771638	2.92820085	3.68366504	3.40792415
1.00E-04	1.00E-04	0.14326393	0.16411766	1.00E-04	1.00E-04	1.00E-04
2.65712346	1.48618248	2.71776081	1.55499199	1.49465986	2.09813599	2.98493463
2.29383401	3.43480571	2.07542425	1.75045687	2.20153817	2.94891685	1.85382696
0.95299159	1.00E-04	0.72317104	0.34778971	1.00E-04	1.00E-04	0.68773152
3.82737806	4.31098988	5.44092117	4.80816866	4.5519319	5.84780491	5.92006175
4.26698618	2.75868993	4.12507397	3.86315161	3.85100947	4.55444927	4.6089829
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2196067	1.00E-04	0.23048633	1.00E-04	1.00E-04	1.00952146	0.56264051
2.11039553	1.69991789	2.98326171	2.90555659	3.34188567	1.00E-04	1.00E-04
2.25249668	1.21780923	1.70479717	2.43628623	2.19966765	2.03974741	1.67966395

3.28600003	1.70510217	2.66704013	3.2691616	3.70630946	1.89308603	2.19032046
4.4846326	3.77946323	4.53584298	4.10134289	4.14370044	5.32512638	4.90764808
0.82126773	1.00E-04	1.00836848	0.31422255	0.08815268	1.00E-04	0.86789477
2.96507007	1.61300438	2.33749712	1.75776423	2.00570231	1.92691684	2.7444993
2.03393995	0.8358776	2.36663547	1.56752846	1.28396519	3.14955125	2.84523898
2.66189716	1.59121679	2.60883187	2.55689217	2.96543285	2.1736481	2.43031684
0.71597955	0.87612072	1.25288216	0.63003016	0.9522082	1.00E-04	1.00E-04
3.35380031	3.10903376	3.46812132	3.89069264	3.73673802	2.08451957	2.29330524
3.01859576	1.45207003	3.01937061	3.79952023	3.59788976	4.19857913	4.04417172
0.54201491	1.00E-04	0.2395802	1.00E-04	0.09802713	1.00E-04	1.00E-04
1.46966107	2.67702437	2.79111222	2.84944468	3.19990868	2.57416952	2.56616089
0.27623136	0.69779233	0.49089132	0.37230078	0.16358717	1.00E-04	1.00E-04
2.35640402	1.10823044	1.53977267	2.56859578	2.08796067	2.21571884	2.52687253
1.00E-04	1.00E-04	1.00E-04	0.10902669	1.00E-04	1.00E-04	1.00E-04
0.23193109	1.00E-04	0.3497014	1.00E-04	0.473422	1.00E-04	0.41275046
2.17750778	1.00E-04	1.21700914	1.0286565	1.06945868	1.00E-04	0.94970493
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06649866	0.09731771	1.00E-04	1.00E-04	1.00E-04
2.04749713	1.63872343	2.84275274	2.83736806	3.06335825	1.63825757	2.11220882
0.30078955	1.00E-04	1.35630551	2.19681212	1.47113349	1.00E-04	1.00E-04
0.39750534	1.00E-04	1.00E-04	1.00E-04	0.11344173	1.00E-04	1.00E-04
1.95307723	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.92052278
2.83428194	1.37265105	3.68721991	3.38379022	3.30641422	1.60007999	2.9428914
1.69241618	1.9303025	2.37859833	2.26442196	1.49447832	0.86319656	0.316869
1.316698	1.00E-04	0.86497519	0.51305722	0.85459035	0.88323491	1.4843125
1.00E-04	0.69779233	0.45004292	0.32393922	0.21798051	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14473036	1.00E-04	0.95710402	0.5186691	1.10661298	0.79958263	1.95437423
2.41656863	1.6811753	2.49300359	2.90843309	2.64248914	1.6409805	1.23118204
2.39255852	1.00E-04	0.0575112	0.09393249	2.02537456	3.48124931	3.6090095
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.81092557	1.00E-04	0.36262357	0.14376298	0.65967588	1.00E-04	0.97863975
1.00E-04	1.00E-04	1.00E-04	0.22537106	0.19143586	1.00E-04	1.00E-04
0.56184941	1.00E-04	0.52655242	0.35417846	1.42415005	1.00E-04	1.00E-04
0.0903597	1.00E-04	0.18483345	0.33450094	0.37005537	1.00E-04	1.09055109
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.1474645
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.66489874	2.02171132	3.06274644	2.97065417	2.40372111	3.55008579	3.77381115
3.24264668	4.00591379	4.50600011	3.95289328	4.02679751	1.5967891	2.64574192
2.51824673	1.92276229	2.43977919	2.45889005	2.25741487	2.12317017	1.99698931
1.46420593	1.00E-04	0.76471336	0.50365121	1.90429938	1.00E-04	1.00E-04
4.90731601	4.52379322	5.26408415	4.80953396	4.79200324	4.93782484	5.27428501
2.08672377	1.15872716	2.57021591	1.10366271	1.64270766	1.00E-04	1.00E-04

4.24543037	2.52014225	4.05364651	4.60433179	4.56101669	2.2582779	3.46660879
1.00E-04	1.00E-04	0.09286457	1.00E-04	0.16978193	1.00E-04	1.00E-04
2.66420429	4.83624567	5.37881729	5.77347263	5.19589759	1.00E-04	2.83099806
3.02637232	2.45614215	2.38540031	2.51209221	2.58016726	2.95488922	2.57322008
1.00E-04	1.00E-04	1.00E-04	0.1010866	1.00E-04	1.00E-04	1.00E-04
2.16073157	1.00E-04	1.58557306	2.52434434	0.99992021	1.21420271	1.32658029
5.54669335	3.18628102	4.40321414	4.85212368	4.93899998	4.09753084	4.62552045
4.06812125	2.88524531	3.89229663	3.31401668	3.69711508	4.00864516	3.34690932
4.28093834	3.39400344	3.82288464	3.41886253	3.44778073	5.2462473	5.00668756
4.4126764	2.17561485	2.80212047	2.4336765	2.37014646	4.45803064	4.33107768
3.96151938	1.14583798	2.7915141	2.45235114	3.19540905	2.81202134	2.49045014
1.63815064	1.63975259	1.588629	1.02335605	1.87189761	1.31277371	1.29495122
4.54308679	1.69767318	3.55581691	3.83481141	3.86563173	4.27531215	4.21881461
0.53283677	1.00E-04	0.85996356	0.63885145	1.10423484	1.00E-04	1.00E-04
2.87934836	1.48854761	3.20609822	3.2268589	3.00903992	2.72140074	1.8906817
1.00E-04	1.00E-04	0.10414554	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.88682614	3.09774539	2.97511258	2.72207331	3.11185705	3.11233612	2.44546208
1.03142728	1.00E-04	1.80946289	2.4043652	2.16585725	0.95637875	2.31786244
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79091905	1.00E-04	0.21971817	0.38657052	0.47070555	1.00E-04	0.46517855
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.10181478	1.50104261	2.29452475	2.22574385	2.52594508	1.98312309	2.58317693
2.44115233	5.30887706	5.86140821	5.34640492	5.32936741	3.24892573	2.54544014
2.5613708	1.88770625	3.15417152	2.68101002	2.57520086	2.45463671	2.61568531
3.33240836	0.87612072	3.07438189	3.08297891	2.71506613	1.62594653	2.62659285
4.72503662	3.02766685	4.11877319	3.84904989	3.62688141	5.12341383	5.0946138
0.51931763	1.00E-04	0.06844824	0.22520362	0.27458891	1.00E-04	1.00E-04
2.99481962	1.63322354	2.69067593	2.54030422	2.23162793	2.5888723	3.12455142
4.89339519	3.93851178	4.97060651	4.57529224	4.62285684	4.56005036	4.90055888
0.923697	0.8339972	2.79141826	3.14194395	2.2588198	1.00E-04	1.72714589
5.47501874	4.89765261	5.07543312	5.30889442	5.16827546	5.16591487	5.235552
4.1428433	3.76665611	4.8539388	4.95235412	4.85352291	3.93023869	4.24137697
2.19935998	3.53365108	4.28528186	4.02786997	4.05575359	0.74564767	1.25117343
2.09072278	3.87710756	5.16500775	5.74070421	5.81291642	1.00E-04	1.88795649
1.27765388	2.0990207	3.57722779	3.94443629	3.40008132	0.83873894	2.29870268
1.00096596	1.00E-04	2.23203467	2.06608254	2.02525005	1.00E-04	1.00E-04
1.00E-04	4.25828808	4.66116499	5.56002044	5.86279202	1.00E-04	1.00E-04
4.20875521	3.01290226	3.37249623	3.18644059	3.54497699	3.78639958	4.24354516
2.59607631	3.16298601	2.88876864	3.26976292	3.33219049	1.84232716	1.8230004
3.1208424	3.28084738	2.83984721	3.22297821	3.07720413	2.89581329	3.47379871
3.07167007	0.87612072	2.1304332	2.70375567	2.97382528	1.47418374	1.00E-04
2.48228726	1.62581087	2.98782324	2.08057721	2.41704303	3.6119446	4.0324538

1.08680502	1.00E-04	1.2251703	0.19333764	1.00E-04	1.00E-04	0.90713248
1.00E-04	1.00E-04	0.0759014	1.00E-04	1.03579492	1.00E-04	1.00E-04
2.72817318	3.39931611	2.75952426	3.10747817	2.6936047	2.97008293	2.40148839
0.20129929	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.44277123	3.57968024	4.10904428	5.02425205	4.98162102	3.1928796	3.03978782
3.34091217	1.2101235	3.47757801	3.10880141	3.75364612	2.11631772	2.61099822
1.00E-04	1.00E-04	1.06392348	0.66776247	1.15198171	1.00E-04	1.5595514
4.2897068	4.00251693	3.85347633	3.93351475	4.01583616	1.60007999	3.16562861
3.08505811	1.08649412	2.6551706	3.38933586	2.81099306	2.43165579	2.15156602
3.66621912	3.25967866	3.17428045	3.06703376	3.31051224	3.33686517	4.09818877
3.29237605	1.9820899	3.13693329	3.37832034	3.67209729	2.64634596	3.12641461
4.93953955	3.78927541	4.10862018	4.60740321	4.01608182	4.49804815	4.8962974
2.85399876	1.1377045	2.55397621	2.23169056	2.6384348	2.97068683	2.93948119
1.87658146	1.00E-04	1.29948704	1.0829616	0.97076919	1.00E-04	1.00E-04
0.7990491	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.36315195	0.68407235	2.7201826	3.65611898	3.77507468	2.25645875	1.64618133
2.69065813	1.00E-04	2.51855477	2.76344305	2.75179961	2.21461352	1.60861325
1.00E-04	1.00E-04	0.18899669	1.00E-04	0.3747827	1.00E-04	1.00E-04
2.72154697	1.37265105	2.84306905	2.86849946	3.41584064	2.25622446	1.21427311
0.37676908	1.00E-04	0.42416818	0.50632085	0.3385362	1.00E-04	1.00E-04
0.19984034	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26843246	1.28246279	1.6892254	0.81735773	0.65259137	1.00E-04	1.00E-04
3.24190892	3.63248818	3.88975814	3.19554979	3.52041109	3.09611204	3.25260842
3.27260625	1.00E-04	1.70861924	0.62850106	0.85092141	2.84160922	2.64580536
3.48864213	4.864165	4.7143939	4.28972922	4.13447705	6.11327607	5.73049194
3.70436878	1.53431803	2.74466578	2.65229129	2.95663474	2.7318417	3.23832372
0.1136802	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73639862	2.61437132	1.85198037	1.36131226	1.32639913	3.28157025	2.28207607
3.99418065	4.27009573	4.2656354	3.88785183	4.06686333	4.76199648	4.35942521
3.69256946	1.72634835	4.38628453	4.74295581	4.70964149	2.64822715	2.36652837
2.96774292	1.2795411	2.46288353	2.85628234	3.12701965	2.03592132	2.1226286
2.73762917	0.79637057	1.33428602	1.10417812	1.40426037	0.84497321	1.11516572
1.00E-04	1.00E-04	1.61857126	1.29177726	0.96801528	1.42485776	1.00E-04
5.06045632	4.31432886	4.18808963	3.99388921	4.00243967	5.34229483	5.85253455
0.92785468	1.00E-04	1.97288762	1.92122574	2.81838665	0.83083207	1.00E-04
2.64304852	3.48564705	3.26267923	3.09161468	2.89760526	4.22826742	4.23020896
1.00E-04	1.00E-04	0.21492633	0.68087927	0.12748672	1.00E-04	1.00E-04
1.92924422	1.00E-04	2.1975053	2.08131456	2.39649227	0.86319656	1.25471819
5.68043465	5.72328219	6.21101192	6.45845843	6.70728842	5.17795108	5.46236526
1.46604725	0.68407235	0.77738961	0.60911955	0.41044943	1.00E-04	1.00E-04
3.74052596	2.00790685	3.15809974	2.7872248	2.48228789	3.49002308	3.60682746
3.58883029	0.72877389	0.63914	0.18315065	0.69185745	1.51959895	1.13658288
4.19078269	4.42070683	4.166653	4.84432316	4.81149955	2.39055348	3.66553789

2.76299108	1.1166062	2.5016614	2.58471081	2.83285087	2.05934762	2.28892819
2.37251744	1.56775168	1.66219857	2.47960851	1.95332257	2.0865007	1.355063
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.36894197	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72495184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72495184
2.09372299	2.27801923	2.06257409	1.9063517	1.77958929	1.51042251	0.56264051
0.44859826	1.25509001	2.62647477	3.44716361	3.72222859	1.50326521	1.00E-04
1.00E-04	1.00E-04	0.39960247	0.17403974	0.13536061	1.00E-04	1.00E-04
1.59360034	1.00E-04	1.84752766	1.70724722	0.53694748	2.536862	1.95395844
2.67995937	1.28518064	2.96258662	3.59405658	2.94523644	1.97131952	1.72489444
2.60219849	1.22771662	1.54379502	1.08791632	1.07803375	3.06602527	2.37384649
1.00E-04	1.00E-04	0.62300226	1.48153687	0.93744688	1.00E-04	1.00E-04
3.88664999	3.59991745	3.76427079	3.61777969	3.47968615	4.68683633	4.50820526
1.00E-04	1.00E-04	0.64382764	0.21201555	0.20281155	1.18371736	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53673011	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60697574	1.00E-04	0.8406575	1.00158031	1.1139238	1.00E-04	1.00E-04
1.22919352	1.14583798	2.12422919	1.98645003	2.28446629	2.36620066	1.43657754
1.26051543	1.00E-04	1.24043841	1.41482054	0.70469178	1.00E-04	1.01864576
1.00E-04	1.00E-04	0.39702896	0.69112263	0.83208415	1.00E-04	1.00E-04
4.01396697	3.31540934	4.03043412	3.83137852	3.53575516	4.17405983	3.97240085
2.72563323	0.72877389	1.47364901	2.57431584	2.31602535	2.72929017	3.19823266
3.99575255	3.07850479	3.63501725	4.34501464	4.21845223	2.10383956	2.14183393
3.28163148	1.71539206	3.14039353	3.62229948	3.3460089	2.18502203	1.96669916
3.69460233	1.62581087	3.03676165	3.6552914	3.86979506	3.089955	2.95999532
3.39750546	2.03336867	3.4624271	3.77700953	3.63487474	3.01645342	2.85874476
2.874083	2.01792769	3.12434637	3.35065191	3.34290012	0.62567961	2.37979877
3.50456225	1.4339196	2.76135721	3.26822541	2.76594102	3.38883398	3.14067192
3.360793	1.73035717	3.21101839	3.76389395	3.83635328	2.5182352	2.53001957
2.88935922	1.19089243	3.3216976	3.95461392	3.93888661	0.83873894	2.55164077
2.77194556	1.45177834	2.59151369	2.34351269	2.3881968	0.94543129	1.78074374
3.04341092	1.8524779	2.7265109	3.14280011	3.14766953	2.25404045	1.85391331
4.07126072	2.15374763	4.19017879	4.77479507	5.06763504	2.34517957	2.89384975
3.49954897	2.39128753	3.25559613	3.78257168	3.71298138	2.3166046	2.30888364
3.69593495	1.79060009	2.53956248	3.02619414	3.29227051	2.446713	3.37056753
4.17285106	3.49310505	3.9499463	4.91000497	4.60004898	2.461945	2.0475351
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1.00E-04	1.00E-04	0.14694675	0.46551512	0.13098198	1.00E-04	0.97200357
3.95444212	2.11132788	4.01387088	4.44920178	4.44560683	1.59806924	3.15198677
2.66358542	1.78035767	2.62351263	2.9555071	3.00784079	1.20122876	1.99185425
3.69627314	1.08649412	3.27095753	3.18909937	2.75086668	3.3917307	3.53455314
3.17385182	1.93196912	2.8518504	3.38538627	2.60134947	3.03288488	2.4840818

3.59015313	1.45177834	3.06499356	3.53977053	3.41305513	1.54209842	2.5141297
3.73694225	2.10634963	3.48459351	4.5728032	4.51755376	1.53306551	2.47294104
3.98567868	3.48502156	3.48786213	4.31262223	4.12974411	2.26406402	2.41000831
3.19060558	1.19880434	2.89716921	3.67823675	3.09150895	1.21420271	1.60244651
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4.42113491	2.96482432	3.61108296	3.56597042	3.71376337	3.64164667	4.20442707
2.85777638	1.90808336	2.60800914	2.81617157	2.49002207	2.58561283	1.39601526
3.32695504	2.7644173	3.00397746	3.84311349	3.89944622	1.64186451	1.77779139
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3.47371216	3.4224888	3.84944561	4.01464	4.29668221	3.35354193	2.27489656
3.50299757	2.39421364	3.36211537	3.6198088	3.72884591	2.56104725	1.59758655
3.11166676	0.79637057	2.77278926	2.97560392	3.50974713	2.67529461	2.19612082
2.40857112	1.21891	2.49805854	3.10087261	2.99764665	2.74513919	2.30989965
2.81304899	0.74506998	2.8169132	2.96189811	3.59787344	1.69546223	2.68475137
3.65618638	2.007811	3.20818402	3.64074409	4.00779588	2.71462867	2.94844021
3.75038548	3.37244212	4.31015888	4.22365729	4.16582333	3.32209575	3.00609391
1.90339924	1.65420127	1.38217821	1.24148645	1.34910528	1.56695449	2.10694405
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4.45528322	1.52415755	3.83326879	4.62790274	4.5382806	3.19588691	2.93652747
3.23590603	0.8358776	2.67208	3.63467788	3.51653165	2.29334949	1.86430718
4.26428605	3.3861869	3.89215568	4.82473044	4.64853152	2.97222485	2.33723104
1.38428154	0.7902481	1.192082	1.18515022	0.91100481	1.59336015	2.16485964
3.12053122	1.11722896	2.59761165	3.56579974	3.42501224	1.67156802	1.30051163
3.74171102	0.68407235	3.5822499	4.55864397	3.97830498	1.5407447	2.70221688
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2.99275157	1.00E-04	2.98946377	3.26703009	3.04432527	2.58120685	2.19789238
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4.18544328	3.10593825	3.73695042	4.17690171	4.51183143	2.89200505	3.24339353
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3.41627156	3.04654373	3.18827129	3.8791922	4.03137326	1.25045142	3.20998412
1.97517333	1.37137101	2.70526696	2.69614149	2.36006241	2.04856148	2.0663721
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3.50435267	1.3348453	3.57699328	3.91301614	4.20937203	2.26902355	2.52546862

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4.04319481	1.93374227	3.56380741	4.14268058	3.96971187	3.12670076	2.68062646
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4.08734828	3.37414053	4.48748429	4.82937541	4.61147062	4.52526223	4.26364325
2.79636715	1.21780923	2.6357195	3.20321257	2.78308486	1.32657905	1.97629772
3.79170028	2.05447744	3.28108108	3.687003	3.58352999	3.59806823	3.22895379
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3.39802406	1.2596863	2.18782687	2.76266323	2.55628344	2.86419304	3.04976217
0.25202299	1.3484342	1.5696055	0.92233545	1.01623341	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	0.0741193	1.00E-04	0.1685492	1.00E-04	1.00E-04
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0.06301971	1.00E-04	0.19652156	0.56804588	0.31717792	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26620661	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40738586	1.2795411	0.143122	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.9237191	3.05629183	3.85298368	4.26056346	4.42252702	1.00E-04	2.81143507
0.80280566	4.11132372	4.26431416	5.13224874	5.05666511	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.5641653	0.61948374	0.5426486	1.00E-04	1.00E-04
3.37900899	0.72877389	2.40209526	2.30845807	2.09848724	3.65832816	3.69412495
1.00E-04	1.00E-04	1.28334542	1.04480224	0.78651473	0.9513318	1.00E-04
1.95172102	1.46320136	2.6208705	2.14787212	1.8230554	2.44293272	2.11248532
1.0230089	1.00E-04	0.3681503	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11159101	1.00E-04	0.17707887	1.00E-04	1.00E-04
3.22227083	1.89934695	2.94121656	3.12248074	3.34669172	2.79715362	3.45625214
4.81842238	3.34296587	4.52922762	3.98929371	4.27664013	4.62868711	4.62271093
0.42210612	1.00E-04	1.00E-04	0.14107641	0.19324583	1.91264799	1.30591129
0.96688595	1.5592943	1.02061657	0.74841076	2.1635289	0.9559646	1.88069112
3.68735295	2.52058896	3.4293808	3.47348426	3.20634165	3.39926664	3.24106119
1.00E-04	0.8358776	1.02570382	1.07308916	1.68818522	1.00E-04	1.00E-04
5.34413784	5.77817983	6.10515903	5.73123836	5.80109775	6.27404863	6.178921
3.53449465	2.45053187	3.4164065	3.57267525	3.42517667	3.33963186	2.88939297

4.52656954	2.34845727	3.90613621	3.46441743	3.64551466	4.3656825	4.32755306
3.73075398	1.86093809	3.34561416	3.49758039	3.58790356	2.59385495	2.6853639
0.47162929	3.53321704	2.57827449	3.47866626	3.62306712	1.00E-04	1.00E-04
1.00E-04	0.8358776	0.59938212	1.65404563	0.15653713	1.00E-04	1.00E-04
4.2162653	2.15952212	3.21433979	3.47539809	3.35325822	2.99647511	3.36341591
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.54033288	4.48006689	4.37674427	4.79211681	5.00760677	5.87442047	5.90120821
3.56358793	4.11212556	4.82418811	4.85706643	4.70477863	2.75371868	3.44179915
4.06352072	3.25153534	4.05320962	3.64249367	3.99768899	5.66809677	5.45508048
2.48140685	0.68407235	2.99755951	3.55413195	3.46810967	0.94908439	2.06302554
1.9055143	1.60800337	3.16379215	3.77838625	3.73530116	1.00E-04	1.27919176
3.96925245	1.17452218	2.57373617	2.26682512	1.60535328	2.32309419	1.83035654
2.67443683	0.7902481	1.93271947	1.4206546	1.55669928	2.57383287	2.0180782
0.27183643	0.7902481	0.38319123	0.5608953	0.39312723	1.00E-04	1.00E-04
0.58227781	1.52147735	2.71103234	2.26543015	2.44801278	1.00E-04	1.00071252
0.11017854	1.00E-04	0.37219547	0.09296692	0.21385283	1.00E-04	1.00E-04
1.82940892	2.27776493	4.71429751	5.00163904	4.94781261	1.00E-04	2.3491767
1.00E-04	0.74506998	0.74553174	0.62610102	0.20282907	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21034662	2.17940223	4.61145178	4.94777304	4.89154304	1.00E-04	1.1853365
0.92810698	1.3386578	3.98593188	3.33080824	3.9608208	1.00E-04	1.00E-04
3.29099511	4.53727358	5.66075608	5.5354975	5.442231	2.04295308	2.9127481
1.00E-04	1.00E-04	0.21965985	1.00E-04	0.57469844	1.00E-04	1.00E-04
3.79800223	1.45110418	3.34422203	3.3066492	3.36077839	3.85145418	3.84036227
3.07089023	1.3106013	1.84381235	1.8238745	2.31249778	1.99840541	1.00E-04
4.32528442	3.17378673	4.52784641	3.97470372	4.02612422	3.6843075	3.7772075
3.7980456	3.06880917	2.64772529	2.58781936	2.2890546	4.03801695	3.61611652
2.65386347	0.71640521	1.85889861	0.95825001	1.88576425	2.77939315	3.04266843
3.40711953	3.52212842	3.54459693	3.77425636	3.47762337	2.92757595	3.06862772
4.49812146	2.24424326	3.43839486	3.59827513	3.84350349	3.45139085	3.41605305
2.27811114	0.8358776	1.33168817	1.82191843	1.27821837	2.34499535	2.26200492
3.45713261	1.00E-04	1.74391397	1.35164343	1.66231521	2.32263785	2.61520144
5.72949125	4.58211234	4.8869491	5.04222638	5.12786781	5.27294584	5.41650941
3.12620554	3.17729211	2.33436663	1.90444738	2.20762474	2.63874059	3.08720734
3.27144096	1.7617041	2.5657451	2.76038839	2.64274664	2.70950313	2.88148558
2.47939772	1.00E-04	2.2814981	2.1488735	2.35560485	2.1967402	2.57756052
2.88984475	3.13005059	2.08229226	2.2651834	1.74662573	2.86966555	2.57059692
3.34347275	3.43726932	3.93474257	3.72247892	3.61661641	3.01744119	2.2647024
4.43585739	3.08843655	3.47657313	3.31723048	3.56130891	4.17155036	4.31781323
2.16213677	1.88263117	2.87945231	2.73014681	2.59961954	2.19084783	2.63344323
3.39187513	0.68407235	2.21138757	2.93410361	2.34494717	1.85901883	2.79316772
3.89738817	1.55759878	3.23605554	2.26585566	2.93616538	3.5056256	2.88989117
2.23763685	2.80231268	2.6234432	2.52066938	2.18744911	1.87165404	1.71414735

2.20280083	1.50546492	2.60485422	2.66632074	1.72609754	2.61903604	2.56000533
3.62211413	2.17548598	3.4474453	3.38558825	3.78862873	3.13398983	3.37614041
3.70552849	1.80014374	2.9513058	2.97871095	3.08918395	3.16428326	3.83865839
3.39440878	2.00024181	3.10846515	2.9018238	3.3221395	3.75321506	4.11167508
5.1178896	3.96537598	4.91314722	4.51880206	4.80976873	5.54803612	5.4550975
3.95234809	3.54783971	3.04133444	2.74490291	2.82072774	3.59887424	3.84653545
2.64822925	1.43063249	3.1590755	3.681668	3.5181911	1.18042507	3.41326463
3.51246541	3.73087969	3.51208609	3.11357367	3.64549863	2.65318108	3.77150184
3.46301028	2.85479072	3.56937451	4.20979192	4.39877749	3.41452438	3.14200886
2.39243423	1.42711483	2.36895535	2.47351191	2.30141487	2.32135117	2.81715772
4.15479161	2.49141457	3.90095704	4.05603001	3.97196955	3.2594405	3.73441035
4.29136012	1.49998697	3.38263887	3.0305716	3.6856709	3.51837857	3.70431988
2.98971412	1.30959702	2.86714852	3.39010098	2.96191348	1.84841966	1.73826559
4.12575352	3.42220866	4.11080964	3.50637921	3.54510379	4.13146809	4.50074986
4.50975347	2.43514487	3.64349137	3.21980403	3.77895054	4.00617104	4.17007037
4.24321811	2.20245908	3.73516072	3.17076031	3.57745356	4.51047477	4.77203706
1.00E-04	0.72877389	0.54675422	0.28898032	0.20051589	1.00E-04	1.00E-04
3.86763773	3.6838437	3.9009991	3.51671594	3.67813472	4.11970151	4.65177431
4.14531715	3.19822562	3.3520375	3.15674147	3.42638865	4.44222127	3.82073377
3.36454753	3.08823318	3.64941679	3.30543465	3.13832255	4.22951867	3.31773605
4.6673828	4.51057437	4.94848044	4.56079456	4.73002489	4.85422439	5.31477849
3.29883295	0.79637057	2.24453927	2.77188041	2.27963099	2.70077627	2.33060574
3.93740259	3.31553742	4.26052491	3.67109897	3.82059866	4.30839577	3.77404905
2.18599422	0.87456952	1.24403386	1.68764753	1.59969708	1.23897179	1.96821539
2.79869784	1.59341216	1.83067384	1.51413675	1.39698305	2.47040453	2.77454841
3.87990249	1.8130844	2.52390735	2.74191893	2.55624974	4.01501828	3.75545863
1.00E-04	2.23960694	3.16664883	2.77218139	2.42475788	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.37367824	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.48897294	1.1166062	2.83863273	2.26010858	2.5199761	2.9632164	2.99599605
3.86486982	2.4091798	3.79432418	3.36763826	3.44833953	4.45355439	4.4236542
3.32907853	1.44889667	2.63120168	2.60804268	2.87502028	2.95081106	2.97925364
5.19839592	3.35255518	4.31819685	4.578153	4.41034494	4.19360697	4.05013041
4.35886978	3.50677082	3.46659626	3.34775582	3.64160804	4.34048283	4.49922826
5.29172027	4.68720737	4.61733336	4.29473223	4.36704876	4.95662378	5.307061
3.62701859	2.01555418	2.92034956	2.71875211	3.17117938	2.51093959	2.17945981
3.14073329	1.09568947	2.8157639	3.01161434	2.65151591	2.83006045	2.33591343
0.41971502	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.42831055	2.66283027	3.32874722	3.64656346	3.62985449	3.45498234	3.6401894
5.23453919	5.36954747	5.64812477	5.14188602	5.14878298	5.99365304	6.04734166
2.21565175	1.46691335	2.34594713	1.97185238	1.66941371	2.32062735	1.00E-04
1.00E-04	1.00E-04	0.21749178	0.10897151	0.37500254	1.00E-04	1.00E-04
0.95222815	3.81946239	4.16622568	4.61909087	4.13272792	1.72631372	1.18453576

1.89276057	4.56153774	5.41649463	4.76408903	4.51483886	1.00E-04	1.00E-04
1.10412475	2.26384823	1.92895154	1.62024225	1.08721433	1.39885208	1.00E-04
3.98612035	3.50665402	3.56248686	3.83476444	3.66582638	3.9650055	3.66845923
1.47724033	1.00E-04	1.87798894	0.92017221	1.11644124	1.97787042	1.00E-04
1.00E-04	1.73975098	2.99121636	2.88028846	2.91802203	1.00E-04	1.00E-04
0.1343207	1.00E-04	1.9567925	2.04643684	2.05506544	0.97412898	1.36514787
0.3974911	0.72877389	1.92354136	1.33339345	1.83159012	1.03499642	1.44933374
1.00E-04	1.59099358	4.41011517	4.29203882	3.97157035	0.84497321	1.37881795
1.71469619	6.53605517	6.92148861	6.54810069	6.38352902	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11998372	1.75812948	1.00E-04	1.00E-04	0.71683554
0.30680304	1.29286903	1.93721391	2.12495194	1.47334784	1.00E-04	1.61988726
1.10836359	3.17512613	4.34725412	4.65788404	4.68277073	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01009029	4.23470479	4.81027561	4.40507199	4.28379067	1.00E-04	0.72495184
1.00E-04	1.00E-04	0.15581189	1.00E-04	0.7530512	1.00E-04	1.00E-04
1.54282478	0.68407235	2.06804295	0.53963477	3.90234667	1.00E-04	1.00E-04
1.37627742	1.00E-04	0.27563085	0.17660962	0.54945491	0.74564767	1.85128374
1.00E-04	3.07828387	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.47146986	1.00E-04	2.02102191	1.72887716	1.1359993	2.31953957	2.11472446
3.02144269	1.00E-04	2.27578949	2.45694519	1.95605201	2.47555272	1.94975378
1.00E-04	1.00E-04	0.70034613	0.47552851	0.09704178	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.9184947	1.00E-04	1.98158537	1.92928146	0.9516653	1.76224219	1.68218489
4.08270417	2.26875647	3.33551157	3.95388698	4.01957807	2.80095883	3.07722923
3.4316861	4.98458541	4.51276777	3.9618502	4.17036627	3.82689575	4.13732703
3.82089864	1.00E-04	2.2278486	2.57197896	2.56084366	2.43289017	3.40470365
1.78770125	2.09263969	2.03005437	2.35797918	1.7303296	1.11641065	1.07387115
4.51622233	3.9607969	4.52006101	4.3901642	4.50039932	3.76839538	4.11397538
4.01577719	3.70528367	6.08420327	3.66489636	4.65702687	3.5277856	5.46988889
3.09706448	2.28823326	5.23013293	2.14683121	3.34982707	1.80282855	4.99573909
2.13581969	1.00E-04	1.8311962	2.10156226	1.45930679	2.4969942	2.67891706
2.10419926	1.69806876	1.73701947	1.32423787	1.23648991	1.5861573	1.97446941
3.80617026	3.0369574	3.09402818	3.56009139	3.82923344	3.21537805	3.24831585
3.13325026	1.83379883	3.16913007	3.3421238	3.4599998	2.90792472	3.94496749
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56359153	3.0409707	2.02759921	2.01124636	3.04109985	0.46029024	0.86789477
1.00E-04	0.7902481	1.00E-04	1.00E-04	0.16358717	1.00E-04	1.00E-04
4.35420119	2.3257694	3.18330344	3.34657926	3.65229255	3.48091452	3.90702216
0.19336288	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49893047	3.05007085	4.28198761	4.06757606	3.98912231	2.33401669	1.79892302
2.8438748	1.73482469	2.50014589	1.97926895	2.05905697	2.14018981	1.4322637
2.29423189	1.19880434	0.74239628	0.23573592	0.4984087	1.34517893	1.21902836
2.13606215	1.00E-04	1.19847034	0.15630471	0.37356145	1.00E-04	1.36514787

1.00E-04	1.00E-04	0.12203879	0.1788679	0.11078928	1.00E-04	1.00E-04
3.23102882	1.00E-04	0.77387743	0.52642871	0.2856617	1.00E-04	1.00E-04
0.70782749	1.00E-04	1.07209238	0.89909939	0.99291923	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17390745	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27293106	0.87456952	0.99152278	0.22899347	0.46609518	1.00E-04	1.1787663
2.46794749	0.68407235	1.72802544	2.76611782	2.1023596	3.0126782	2.84797114
3.02507762	4.93953798	4.5210734	5.1572644	5.35733463	2.96832261	2.6136079
6.69492007	4.7946275	5.44513432	5.09506439	5.17777644	6.36533123	6.41366874
1.00E-04	4.41914084	5.07036748	4.75139476	4.7262828	1.24135441	1.00E-04
0.6657698	1.00E-04	2.14541156	2.67225371	2.68405718	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41534852	2.93604666	0.85279801	0.68617016	0.50036475	1.00662024	1.00E-04
4.56474823	2.22987992	3.72867505	4.58629258	4.26538323	3.56635917	3.93933318
2.79410408	1.92157301	3.8547021	3.41090303	2.92203171	1.90607376	0.81666527
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44723445	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29634294	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.98879858	2.61554306	3.1939989	3.18540385	2.8682187	2.05287107	2.06687349
2.79429567	1.53431803	1.72225415	1.69942022	2.07495937	1.57305396	2.58676593
1.00E-04	1.00E-04	0.3559014	0.11614357	1.00E-04	1.00E-04	1.00E-04
1.405422	4.58894234	4.85449239	4.48209275	4.41422456	1.00E-04	2.00947365
0.88765371	0.68407235	0.99923907	0.54802993	0.90345428	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44968107	1.00E-04	1.00E-04	1.00E-04	0.08916315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50124847	0.69779233	1.50391109	1.28279066	0.50640224	2.25587612	2.31234276
5.73960363	4.95287714	4.93382591	4.62987662	4.66653946	5.82842302	5.68659098
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.66306993	3.44589651	4.61902057	5.43938704	5.32972576	3.95841846	4.10967874
5.37043286	4.40191645	5.65096325	6.26620564	6.16557581	3.86268272	4.09052417
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1020411	1.00E-04	1.00E-04
0.70069647	1.00E-04	0.89420589	0.93605325	0.79326405	0.82693741	1.18453576
5.64471961	5.08703408	5.65837464	6.37870963	6.00045218	3.79590814	4.43064496
2.49654882	1.12769243	1.28397081	2.55147573	2.16282825	1.91277192	1.00E-04
1.77751597	0.74506998	1.09503143	1.22287916	0.66887539	0.9559646	1.39570363
4.25985031	3.32293778	4.15861459	3.59947954	3.55378155	3.90618456	3.97399852
0.67751999	3.2091721	3.90233968	3.5825067	3.8556025	1.00E-04	1.24011905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.54391513
1.4954414	1.00E-04	0.62570496	0.33881371	0.64310605	1.103099	1.02294731
0.9129357	1.00E-04	0.65946346	0.74397865	0.68730858	1.00E-04	1.26691255
1.00E-04	0.69779233	0.10137643	1.43924475	0.32746218	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17680043	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.54237738	2.24654557	2.76800236	3.03814076	2.14716704	3.49052729	3.49292565
2.41743215	2.18448296	3.58130014	2.91922801	2.30768359	1.40030119	1.00E-04
0.54995789	1.00E-04	0.35962004	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.69549664	4.31511025	5.20550233	4.75111803	4.91328915	2.85729263	2.46577185
1.46766069	1.43063249	2.01123446	2.20084536	2.25648737	3.25383556	3.14693149
3.69890998	2.70011095	2.85845922	2.13348536	2.2386668	3.75289413	3.74120971
0.2306568	0.7902481	0.6446074	0.77794606	1.31907252	1.00E-04	1.78760082
3.15600877	2.42261503	2.69250951	2.4994087	2.50918277	3.720554	3.45136719
1.21580925	1.00E-04	0.69262156	1.09570344	1.34884292	1.00E-04	1.00E-04
0.2844415	3.33163107	4.30808424	3.63048996	3.57867604	0.46029024	1.00E-04
3.34816137	1.91191998	2.04650926	1.75279038	1.67570088	2.31008063	2.28288822
3.6593043	4.41706302	5.08432105	4.66166271	4.58395373	5.76227508	6.11852644
6.06719468	5.5440886	6.00371532	5.27707466	5.47717748	5.09437655	5.97206637
4.59585618	2.86189769	2.73067208	3.09271119	3.845655	5.65412502	5.38822737
4.28898448	0.68407235	3.37552018	3.37457554	3.55132097	4.31658261	4.447259
2.18006431	1.22609225	0.64177807	1.01031028	0.89691497	1.5509058	2.70171614
0.56222374	1.00E-04	1.88861305	1.65565725	1.05076719	1.10522239	1.19448786
0.37063678	1.66584689	0.67996883	0.36999841	1.47611555	1.00E-04	1.00E-04
5.50022587	3.89158372	4.78096028	4.58731469	4.72573757	5.23827468	5.54207206
0.58834686	4.48759103	4.90615644	4.37962057	4.39014591	1.26126962	2.38753468
0.87288204	3.18533956	4.30769329	3.72960009	3.74079523	1.00E-04	0.90512012
3.96506107	4.09531523	4.84124888	4.55390522	4.62808404	4.49295073	4.623406
1.00E-04	1.49381923	2.31876999	2.48344811	2.01109809	1.00E-04	1.00E-04
1.13658044	1.72072994	3.80833495	1.84199282	1.40259492	1.00E-04	2.55812999
4.79977482	4.63245122	5.35715246	4.65701994	4.94507793	5.27677161	5.30057633
4.82666635	2.57767811	3.80722088	3.48802699	3.70814747	4.56925004	5.09214829
0.08716682	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12564974	1.00E-04	1.00E-04
2.83426463	4.22025292	4.68234382	4.27017954	4.7056612	2.17097573	2.29605118
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.22139025	2.99409988	2.08174187	1.73554208	2.57048302	2.9040875	1.06224531
0.45664424	1.13651828	0.46946966	1.37998169	0.4749807	1.34447064	1.4352796
1.00E-04	1.00E-04	0.23504417	1.00E-04	1.00E-04	1.75707711	1.00E-04
0.40289178	1.00E-04	0.48406376	0.3875432	0.12945	1.00E-04	1.00E-04
0.19207974	1.00E-04	0.08074249	0.24536715	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09142772	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08509915	1.00E-04	1.00E-04	1.00E-04
0.97230605	1.00E-04	0.20922347	0.11095817	0.12694344	1.00E-04	1.00E-04
1.78110997	1.00E-04	0.37584014	0.32266149	0.18268018	1.00E-04	1.00E-04
1.99935081	0.74506998	1.98799478	1.91184937	2.04163023	1.18371736	1.54282716
1.08798108	1.00E-04	1.00E-04	0.35562846	0.09814195	1.8360903	1.00E-04

0.11393665	1.00E-04	0.41041719	0.29146865	2.12018594	1.00E-04	1.00E-04
1.16969884	2.83243867	4.46445493	3.50018205	3.66881229	1.00E-04	1.5455986
3.99260643	2.58561577	3.52147464	2.94435854	3.21648049	3.85377523	4.26968145
0.38385694	1.00E-04	0.65042841	0.06816182	0.18101271	1.00E-04	1.00E-04
0.21723843	1.00E-04	0.19151291	0.15219862	1.00E-04	1.00E-04	1.00E-04
3.21708226	1.00E-04	1.02964574	0.70330982	0.76867439	1.05970842	1.00E-04
4.2818392	1.00E-04	0.36641326	0.45324691	1.00E-04	1.00E-04	1.22697765
1.79689166	2.18742993	2.71063171	2.34855297	2.4835008	1.00E-04	1.85061957
3.15047879	3.91048779	2.75810577	3.0761169	3.28535983	2.01663553	2.87815529
3.81761551	3.57494358	4.71120673	5.23179901	4.87690176	2.51848785	2.99362662
4.32011895	3.28786562	4.44246892	4.15068598	3.98447943	4.77583778	5.32287649
4.55981144	2.50936212	3.65337522	3.71051063	3.99221698	3.99626213	4.33624014
4.03105025	3.64163656	3.28549019	2.90440778	3.32705143	4.21807188	4.29957857
5.54740507	3.82189199	5.30689864	4.90664903	5.09877342	5.19320657	5.25119324
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14478141	0.72869785	1.31799764
1.97152639	1.00E-04	1.96012112	1.76079915	2.1871102	1.58057786	1.51364572
3.89888355	3.26626502	3.28774237	3.64982411	3.34687284	2.98628474	2.98469951
4.54007198	3.27666008	4.02667905	3.81992599	3.60280821	4.57845948	4.50941192
3.47990012	3.68378342	3.49531115	3.4909263	2.70576227	4.07744122	3.97280917
3.68816823	3.70003044	4.44912417	4.94602477	4.77664117	3.22214051	3.34922334
4.62652956	3.28717956	4.18800515	3.55125945	3.51987655	4.111294	4.72207324
2.82040938	1.00E-04	2.23686179	2.1086597	1.69817841	3.26339346	3.27478831
4.43183537	3.75370475	4.6703028	4.19559909	4.40832122	4.62066113	4.93593152
3.6410935	2.75647244	3.82164624	4.69618086	4.72818555	2.61825334	2.43039675
2.03207708	1.47286366	2.65718123	2.08700948	1.94865738	1.3177314	0.98620672
4.76205285	2.98934479	4.09576482	4.07536825	4.13491934	4.52155874	4.55097689
3.86213284	2.6556377	3.11031946	2.50464065	2.79853864	3.37336215	3.27631448
0.622495	0.7902481	1.74646465	2.02893077	2.59145774	1.00E-04	0.82784996
4.00022831	3.11767739	3.51468345	4.11911184	4.32109996	3.46640788	3.6182865
2.49930146	1.00E-04	1.23017763	1.26566388	1.18770571	2.54508971	2.68095619
0.74014419	1.00E-04	0.98703579	1.5290359	1.37720368	1.00E-04	1.31674259
2.1591688	5.42213049	6.45432013	5.70912598	5.6497218	2.79478602	3.53197128
3.19081594	2.76250521	3.40934175	3.09727314	3.13735169	3.76805493	3.61255552
2.74725765	1.00E-04	1.12540291	1.37923137	0.92052022	1.31151447	1.88483902
3.79082092	1.3484342	1.8240226	2.43053198	2.6722325	3.64273165	3.82002549
2.79577305	2.86692964	1.36704885	2.69919603	2.43417118	2.45216801	1.00E-04
6.91817752	4.0809126	5.59479311	6.62295291	6.49385609	5.72455032	5.47103391
1.00E-04	1.00E-04	1.00E-04	0.14009469	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31867866	1.00E-04	0.30343282	1.00E-04	0.316869
3.15049434	1.68013608	3.16305294	2.96036358	2.84982886	2.94112138	3.28162014
2.25436864	3.82945549	4.04695746	3.91377955	4.04941432	3.53761131	3.0082888
3.65046891	3.15689467	4.16880896	4.2676281	4.47334987	3.64944969	3.70440481
2.89365641	1.57339335	2.69079817	2.62851002	1.67006893	3.07999886	3.22477357

3.09062741	1.22771662	2.32390475	2.39700533	2.82504968	3.04705114	2.74927386
3.27182003	2.36628351	3.39736875	3.84908676	3.12695954	3.19664396	3.48707542
3.04618625	3.27470887	3.96929516	3.63290201	3.83409347	3.52680522	3.43511095
3.06732594	0.71640521	2.67753187	3.05345231	3.23821152	1.85014094	0.75982774
4.20403354	1.71539206	3.33939011	3.84171337	3.87416616	2.64592118	3.26464195
2.48966258	1.3386578	2.42623507	2.88684767	3.03957655	1.00E-04	1.95996427
2.76011654	1.00E-04	1.91360929	1.90939082	1.7791273	1.85143566	1.00E-04
0.27811464	1.00E-04	0.50063161	2.01206356	0.86972004	1.00E-04	1.00E-04
1.20715472	1.00E-04	1.39245644	0.98329033	0.89896567	1.00E-04	1.00E-04
1.29579246	1.98115009	1.37509638	0.88873881	0.68932498	1.87517106	1.00E-04
1.00E-04	1.00E-04	0.19366834	0.13719716	1.00E-04	1.00E-04	1.00E-04
3.65150463	3.4599595	3.8795522	3.20813501	3.69545572	4.15155767	4.57176793
0.5882343	1.00E-04	0.56658334	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33322347	1.00E-04	0.08621585	0.09393249	1.00E-04	1.00E-04	1.00E-04
0.74008356	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42773687	1.00E-04	1.00E-04	0.10087646	1.00E-04	1.00E-04	0.316869
2.03785385	1.00E-04	1.95113228	1.94105366	2.21118476	1.00E-04	2.26669969
3.75451408	2.57035606	3.40582573	4.1371362	3.5314831	3.20502598	2.16013428
5.01908647	3.07461532	4.24987748	5.00266057	4.83364389	4.79954359	4.69697884
0.35886391	1.00E-04	0.23777632	0.08557886	1.00E-04	1.10522239	1.00E-04
1.00E-04	1.00E-04	0.10416762	0.09261958	1.00E-04	1.00E-04	1.00E-04
5.41250575	4.54772612	4.83148572	4.70498342	4.9852473	5.57560346	5.57965276
0.76793174	1.00E-04	1.16095672	1.04069968	1.38634212	1.00E-04	1.00E-04
3.66639793	3.41855812	3.52740388	2.98335149	3.18375693	3.46364037	4.0367084
2.72642168	2.70624807	3.09817627	2.81964385	2.29526042	2.9315139	2.23579047
2.73425727	1.81998222	3.62190326	3.4757175	2.94914091	1.30602804	3.15769466
3.99643038	2.71773691	3.67561182	3.8843771	3.81562085	3.86138196	4.25607097
2.34418114	2.11231886	3.11870611	3.56019153	3.48577297	1.00E-04	0.7040554
3.60863263	0.8339972	2.12903173	2.26647812	2.68035775	3.00736557	2.90749543
4.29761462	3.46688253	4.11694785	4.46065942	4.35001382	4.456869	3.82167805
4.27215556	2.93162887	3.7055837	3.07973121	3.61024235	4.10707091	4.47387918
4.43505662	3.3736427	4.35719991	4.43533759	4.43097862	4.09480344	4.0363926
2.0390037	1.00E-04	1.7453478	1.88593972	2.35722205	1.00E-04	0.41275046
3.42180726	3.35235924	3.63041301	2.88881431	3.07078551	3.42194702	3.73740882
1.00E-04	1.82524762	2.94744686	3.22732697	2.8566713	1.00E-04	1.00E-04
0.17050085	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08716682	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58730717	1.00E-04	1.00E-04	1.00E-04	0.08815268	1.00E-04	1.00E-04
2.82754877	0.8358776	2.5621505	2.12977152	2.25066022	1.78194355	2.17899231
2.36217679	0.79637057	2.67586554	2.70552149	2.33618047	2.24577902	1.53479663
2.43727469	1.37265105	2.32257408	3.31414166	2.96746675	2.58579748	2.02239985
1.23767355	3.43414012	4.7646673	3.68584953	4.02495623	1.47820883	1.97887171
1.32376783	1.00E-04	1.07613179	0.35699943	0.34949358	1.00E-04	1.00E-04

2.4788536	1.69821444	2.67927581	2.94211373	2.81746113	2.85455436	1.97414086
2.97695902	1.49342378	2.92789129	3.40446497	3.42103878	2.17592008	0.98433666
4.3618226	3.67726564	4.56378921	3.87790672	4.16755062	5.06443627	5.11659006
4.62542348	2.62224029	3.85081453	3.92493234	4.2035258	4.34811498	4.33534631
4.57997203	6.14773376	6.76542706	5.97415525	5.94975362	5.11171286	4.81684836
4.23557592	4.896485	5.07507227	4.74460917	4.8541659	4.20780485	4.38532123
2.64632335	0.72877389	1.72898354	2.48008819	2.10527955	3.4716396	3.66960975
4.01672355	3.93148235	3.96144463	4.1229591	3.51676452	3.5134674	4.10266346
2.46545221	1.00E-04	1.55116317	1.61843232	1.31077269	2.21755845	1.00E-04
1.05729777	1.00E-04	0.10418972	2.10100351	0.5706859	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55250906	1.00E-04	0.86210237	0.89731413	0.56970915	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.99627644	3.78149241	4.0498553	4.13724464	4.37838799	3.91844786	4.42570598
2.42244413	3.27885146	3.68122396	3.53656854	3.21385469	6.79608903	6.68881882
2.14935349	2.28564542	1.94916274	2.34359245	2.69567579	6.54867104	6.52586954
1.8341025	0.74506998	0.90770431	0.43064233	0.5630881	0.94543129	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14461624	1.00E-04	1.00E-04
2.74759392	3.04581155	1.85979942	1.56227597	2.05399132	2.53112076	2.23355623
3.77839828	2.34628305	3.06820637	2.69294368	2.67614433	3.59543628	3.57688966
1.68220319	1.00E-04	0.46304479	0.84631913	1.28576805	1.76092275	0.68773152
2.63571317	0.7902481	2.20576173	1.17804525	1.72679804	2.93436175	3.18668254
2.48459052	1.00E-04	1.08039277	0.48843066	0.32989927	2.79308076	2.011174
2.4148811	1.69521795	1.83471583	1.79905196	1.64592792	2.87233503	1.82968877
3.54881182	2.20651293	3.35586901	3.34726306	3.34331161	4.12237129	3.48936294
4.31017528	2.50599571	4.08096744	4.98586855	4.89369943	2.55040157	3.83316466
3.204111	1.56472096	2.7367347	3.09178383	3.08177803	2.34191546	1.90602167
1.00E-04	1.00E-04	0.07593463	0.14009469	1.00E-04	1.00E-04	1.00E-04
3.189643	2.74917277	3.01110629	3.16822591	3.01411662	3.05862384	3.72971614
0.8286001	1.00E-04	1.77073051	1.51208087	1.06968699	0.79958263	1.23636362
3.10971404	3.36213712	4.84256942	4.45054403	4.58376951	2.16490402	3.08895427
5.67843386	3.77763114	3.46210903	3.63501889	4.19899281	2.14219818	3.0376487
4.39844189	2.26616158	3.89585774	4.25983363	4.52453673	2.45558031	3.32460834
3.69635705	1.89181479	2.41786555	3.55046674	3.44385959	2.46136862	3.1924131
4.48888611	3.11093333	4.69643741	4.77001643	4.76959141	4.99314701	5.04967436
3.94764673	3.0909146	4.03634299	3.54092795	3.62473691	5.41305112	5.43487189
1.26825055	3.84369878	4.53987434	4.00625313	4.20543955	2.43951893	0.93074312
5.29148187	2.2593842	3.6105438	3.89554077	3.77342764	4.67975391	4.47064516
4.85381187	3.43708978	1.55253829	1.52811953	1.78477605	1.00E-04	1.00E-04
2.96949857	1.66119315	3.00224521	2.67258679	3.07710499	3.18457341	3.04146706
1.36976505	0.8358776	1.30295435	1.89989483	2.14301831	1.15746526	1.7522901
5.56837143	4.78478247	5.15455629	5.4649903	5.27378308	5.08410806	5.11073844
2.68162425	2.30345646	2.71029534	2.29472498	2.74057048	2.17910786	2.75709364

1.00E-04	0.87456952	2.19327147	1.33029406	2.39167866	1.00E-04	1.00E-04
4.37998517	4.05800212	4.50016269	4.4367282	4.17227968	4.87902264	4.91026766
5.9900951	4.76417349	5.52175485	4.73171276	4.84111831	6.27742553	6.33640069
7.20570162	4.82250183	5.56307661	5.14865815	5.07081166	6.53806091	6.7373018
3.66910154	3.1750942	3.95983275	3.97649862	4.37654712	3.54383816	3.71130622
3.60749837	2.00024824	3.08074534	2.82609666	2.89976641	3.58112056	3.38821809
4.73957345	3.98323704	4.35265186	3.87175762	3.88121335	4.65194441	5.02348183
4.68211417	4.23546748	4.60416429	3.77353823	3.92556725	5.80650556	5.83663935
5.81968169	4.64632936	5.39560851	4.83635282	5.05071667	5.88785142	6.12741108
4.32600419	3.25017	4.29324373	3.91225489	4.12286904	4.58759822	4.49864935
1.00E-04	1.00E-04	0.0741193	1.00E-04	0.10294237	2.18194186	2.65555377
1.64383546	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.42396379	0.40038755
0.34948596	1.00E-04	1.29303887	0.48294301	0.97630402	0.82693741	1.00E-04
0.27293106	2.72037215	3.35389391	2.55792265	2.8977977	1.00E-04	1.00E-04
3.27502431	1.48759491	2.99589242	3.10791417	2.85833662	2.77611284	2.6295301
3.3699247	1.13651828	2.65773569	2.14579644	2.01592009	3.54659592	3.45543976
1.84734086	1.00E-04	1.37768972	1.48844485	0.82771874	0.89799762	2.39158598
3.65207834	3.26410265	3.20284995	2.81405799	3.38805229	3.28058987	3.41734472
3.69572274	3.7066688	4.07684355	3.49258471	3.73926685	4.1511553	3.67291184
4.72558559	3.50554476	4.45978609	4.40693563	4.7866336	5.21875326	5.3779593
2.03187506	4.70874751	5.08511845	4.16654819	4.14538462	2.3330654	2.82923995
1.00E-04	1.30842654	1.31593331	1.2566892	1.54277444	1.00E-04	1.00E-04
1.00E-04	1.79522513	2.02125228	0.67471626	1.74229472	1.00E-04	1.00E-04
2.56556635	1.00E-04	2.43852679	1.8837778	1.87027191	2.21624653	1.00E-04
1.00E-04	1.00E-04	1.04952402	1.00E-04	0.22603687	1.00E-04	1.00E-04
3.07581686	1.00E-04	1.8237731	1.21425058	2.17290311	3.37152991	2.85932667
1.37609074	3.38213467	3.69771026	4.00513711	3.57816592	1.63720613	1.48691804
3.2546723	3.19585728	3.52560642	3.1604671	2.25523419	3.78164015	4.28871154
0.43060091	1.00E-04	0.15112496	0.5771408	0.46867628	1.00E-04	1.00E-04
3.17852763	2.3255353	2.81892375	2.32711473	2.15162497	1.89124876	1.55167794
2.70857555	0.71640521	1.97561344	1.62344958	2.43481702	2.42845408	2.7641828
1.00E-04	1.00E-04	0.14318295	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.64538881	3.27134182	4.08105655	5.18738521	5.03076434	2.83724148	3.94768078
3.90143713	2.4713711	3.66067845	4.07899303	3.84442799	3.5933688	3.49307052
4.49307951	1.95140687	3.89581464	4.82955605	4.8480989	3.07041242	2.77322736
3.86453037	1.89187188	3.48094642	4.1855409	4.10125497	2.73089076	2.92782642
4.51812475	2.72175748	4.57242472	5.21858965	4.84856831	2.43551633	3.8072233
4.74278022	3.88630223	4.25621061	5.14312426	4.81617499	3.216728	3.52446016
4.1391703	2.18075984	4.08839186	5.05910942	4.53632112	2.16122388	3.18966584
5.21837511	3.30372861	4.7700495	5.86723856	5.54043786	3.58327029	3.63122591
1.00E-04	1.00E-04	0.37044639	1.00E-04	1.00E-04	1.24135441	1.00E-04
3.59094044	3.7540057	3.66771754	4.3257218	4.21287715	3.58709952	3.10066476
4.02043014	2.23984888	3.26949134	4.41419571	3.9382613	3.35036074	3.59143936

4.14474361	3.8946907	3.97481558	4.9189003	4.63244558	2.29758156	2.79317874
3.31662432	2.09623525	3.62629561	4.34751195	3.83451275	2.24246852	1.26338117
3.91352934	2.11710286	3.25960552	3.68383801	3.33713964	3.13038286	3.64815372
4.02060774	3.16247967	4.02776565	4.9593779	5.12622333	3.13230746	3.19214413
2.85066048	0.68407235	2.14524792	3.08959597	2.10424789	2.42531253	2.03522528
3.57805979	2.93865942	3.31985509	2.8126147	3.01405704	3.8813429	3.74869646
3.49703617	1.63046445	3.85509161	4.77995828	4.00021099	2.05816151	0.316869
3.20671968	1.82621511	2.93785711	3.02011791	2.61014903	2.72258723	2.69257033
3.08008299	1.80911606	2.62807893	2.05444945	1.98028419	2.67496316	3.22604954
3.02926955	1.14856053	2.49655579	2.51479984	2.47326406	2.90698292	2.7154875
3.89674416	2.05778806	3.3403947	2.52407623	2.75654122	3.91912376	3.54941622
3.79600894	2.99386676	3.60700284	4.55249503	4.41491919	3.1997338	2.31725263
4.8137971	3.74513635	4.37104552	5.38562506	4.8504204	2.76437026	2.96209266
4.27819861	3.56996403	4.25988173	5.00113626	4.9539066	3.03553178	2.98914127
4.15345777	1.8414786	3.5672103	4.64898262	4.49211173	2.70637441	2.79857063
4.98624916	3.16264935	4.65691021	5.48608164	5.16765556	3.63835186	4.20770174
2.49991323	0.68407235	1.96434287	2.53390217	2.51048504	0.79958263	1.81017304
4.5164152	4.07804102	3.923822	4.8937037	4.76128285	2.91510447	2.7840142
4.15825862	3.45791598	4.24692792	4.7773981	5.09363551	2.7914333	2.52734638
4.11659842	2.34920021	3.68634019	4.50952305	4.37278957	2.65555007	2.85901206
4.22045031	2.41982077	4.45420588	5.03073864	4.82532852	2.23897527	2.48191477
4.4184604	2.405219	4.16717118	5.0589089	4.68350003	2.97453271	3.58724336
4.06125411	2.16152989	4.09651766	4.53919449	4.63189426	3.31586147	2.86369447
4.56864057	3.3407022	4.29808597	5.09294179	4.89105872	2.7394753	3.32559107
4.26684638	3.28961723	4.80681776	5.50783078	5.33956627	2.6373264	3.2181809
3.52630879	3.08931072	3.25475582	3.31936036	3.06450674	3.58073493	3.92790186
3.94943989	2.19268848	3.64800497	3.89574915	3.94959183	2.63311338	3.21840773
3.82962203	1.61248138	3.75627298	4.19869953	4.1867992	2.93468695	3.33315883
4.48779485	2.89662632	4.3828642	4.47691206	4.42953881	4.32311643	4.72256542
0.27755829	1.00E-04	1.00E-04	1.00E-04	0.1253092	1.00E-04	1.00E-04
3.93380534	3.75225024	4.0832758	4.59793686	4.52588491	3.15705592	2.96305492
4.02776906	1.44608847	3.75676044	4.1115681	4.29158191	2.51961429	3.4370489
4.28991104	3.7201423	3.9050012	4.67500362	4.55808516	2.9526103	3.37339429
3.51922005	3.62109934	3.8080873	4.16589313	4.43321189	2.11036957	2.48279019
3.78679194	3.10286056	3.84498267	3.87947527	3.94403817	4.13998767	3.46350843
3.58925045	2.76582533	3.3319282	4.050381	3.79509305	3.33112993	3.04888042
1.74017727	1.00E-04	1.51116768	0.66665919	0.91934668	1.54081402	2.39768317
1.67382808	6.1985678	6.76707879	6.12061395	6.1151158	1.12755498	1.00E-04
0.65367009	0.8339972	1.00E-04	0.08321284	0.4012863	1.00E-04	1.00E-04
0.4950598	1.00E-04	0.12776269	0.08321284	1.00E-04	1.00E-04	1.00E-04
1.27168331	1.1971089	1.68828772	1.92519372	1.27285106	1.00E-04	1.91482675
3.66571248	1.28532547	1.99512109	2.28539427	2.35932276	3.62795009	3.45431183
3.96292862	3.03093905	3.71294898	3.91730176	4.23341375	2.98262398	3.50526223

2.61408128	0.69779233	2.18407529	2.70159992	2.82393272	1.39885208	0.75069325
1.84115527	3.92016247	4.70141662	3.84832806	3.71707705	0.92751185	1.88708585
0.36477873	1.00E-04	2.18263434	1.31358633	1.6759049	1.65530692	2.27792127
1.00E-04	3.627723	2.38727052	2.16530622	2.78947775	1.00E-04	1.00E-04
3.40864099	0.92068596	2.87226307	3.23238497	2.86516635	3.73849434	2.94058869
3.91311985	3.25848573	3.13455507	2.87398889	2.96952752	4.30583177	3.34627062
5.64641433	5.7932604	6.47285919	5.76590801	5.61947316	5.15048793	4.72146529
4.82415915	1.88922362	4.20325416	4.86901604	4.63801576	3.05047702	3.65441294
5.65004523	3.70597868	4.65459861	4.23556378	4.21370985	5.63358967	5.9002629
1.00E-04	1.00E-04	0.09060953	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.29058136	3.82528214	4.36525353	4.05732251	3.80609674	3.48223334	3.0798528
2.41277483	0.68407235	2.29518441	2.64107474	3.01072057	1.2018224	2.27015516
1.00E-04	1.00E-04	0.11678318	1.19683605	1.00E-04	1.00E-04	1.00E-04
4.34186878	5.02360026	5.78721801	5.29019063	5.34450599	4.29836469	4.19570211
3.57188684	6.7934856	7.43016357	6.85645962	6.78267943	3.92441584	4.09410293
2.34603976	5.95698577	6.78099367	6.18082245	6.16059549	2.04743135	2.40438539
1.10990626	1.00E-04	0.70091729	2.31032313	2.25665386	1.00E-04	1.00E-04
2.65356184	1.15660655	2.62275628	2.31187678	2.70786418	0.95102466	2.60151039
3.15062103	2.74207633	3.77378699	3.85975084	3.47759707	3.09166973	3.62436184
0.38797675	3.78018264	4.70848648	4.024126	4.04539817	1.00E-04	1.39686577
4.28526935	3.50167009	3.64688003	3.79838237	3.77647305	3.34333508	3.64230763
4.82683903	4.29235393	4.9516956	4.55590291	4.56216241	5.54887338	5.85559744
2.73009613	0.8358776	2.11174188	1.39457554	2.13193229	1.57809899	1.67252436
3.76357748	1.92620606	3.35276879	3.21683285	3.8989479	3.33615319	3.63483113
2.91911426	1.47804223	2.63394949	2.23660131	3.01704591	3.02318103	2.75173296
3.38805872	2.11487706	3.14339981	3.23746143	2.85874205	3.42437244	3.32023405
3.78418026	1.22771662	3.32384446	3.70085768	3.20264908	3.09984456	3.53166428
2.90841685	2.09631335	3.5739992	3.92022559	3.71565052	1.66773538	2.28990935
1.19061479	1.00E-04	0.88395329	0.19106036	1.98025815	1.15746526	1.72440453
0.38385694	1.00E-04	0.24755019	0.09142772	0.29901538	1.00E-04	1.00E-04
5.18225089	4.72709724	4.64375014	4.52371687	4.64352283	4.84503147	5.19337149
2.89007257	1.60800337	2.26457986	2.12889197	1.50710768	2.39782019	1.54391513
3.90426945	2.59889847	2.20240625	2.06556395	1.73370997	4.39799748	3.8396667
2.56563152	1.81052603	2.41382373	2.7098671	3.57083245	1.92455733	0.41275046
1.25793415	4.55685126	5.33764443	4.46877565	4.55207564	1.00E-04	1.0244242
3.09057902	1.58872355	2.6424016	2.36217566	2.54933789	2.67469023	3.13348952
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3579432	0.79637057	0.8371698	0.70609261	1.51971501	1.39092154	1.00E-04
2.60216646	1.60800337	2.19477108	2.48029368	2.88385937	1.72276846	2.2554224
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1.99512698	1.00E-04	1.28438104	0.86930234	1.62219058	1.00E-04	1.00E-04

0.85620893	1.54288057	2.94341024	2.55662914	2.60400558	1.00E-04	0.68773152
0.91814409	1.00E-04	0.77178722	0.34754682	1.00E-04	1.31151447	1.22245167
1.00E-04	1.00E-04	0.928286	0.65949676	1.00E-04	1.00E-04	1.00E-04
2.81785498	0.92068596	2.52673091	1.79704472	2.4756548	2.35551398	2.40731949
0.41202747	1.5373906	3.32122106	2.57642501	3.01856833	2.4365847	0.99227054
2.87695214	1.00E-04	1.4778409	1.35203635	1.4922746	2.02514872	2.89128797
5.25234225	4.78121288	5.14255734	4.7468295	4.89940246	4.72324996	5.05054331
4.09921445	3.03477406	4.06884389	3.64572676	3.80679452	4.52092155	4.34097021
1.41993433	1.00E-04	1.3473579	2.53620862	2.78141269	1.00E-04	0.99005878
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46029024	1.00E-04
5.83180642	4.33382911	5.61402085	5.14444207	5.19639484	5.68534433	5.97794212
4.77586109	3.32157009	4.02829884	3.56229591	3.65754382	5.22633057	4.82658837
4.80219549	2.40116022	2.43732855	2.4965963	3.03846377	5.01048226	4.90744173
2.7186546	0.68407235	1.82633755	1.81798707	2.21361449	2.43954014	2.78656799
5.41512978	4.1179303	4.78898072	4.54414882	4.55201997	6.00583912	5.83737724
1.00E-04	1.00E-04	0.43589368	0.38756398	0.37237297	1.00E-04	1.00E-04
0.85514846	1.00E-04	0.11466092	0.85761632	0.64809428	1.00E-04	1.00E-04
3.51018789	3.49619143	4.45454463	4.41491778	4.28450598	3.13421559	3.08644781
4.34924775	3.12341266	4.50275416	4.71115244	4.4893266	4.67886898	4.26897626
2.53685118	1.18919506	2.68929924	2.85100913	2.97562234	2.92434172	2.93319968
2.7403546	4.67412514	5.56206837	5.06372381	5.0975843	2.71022915	3.46514263
1.23714317	4.53549291	5.59178446	4.91652383	5.00998793	1.00E-04	2.67817475
3.24872157	3.73887586	4.8399504	4.527907	4.58111996	3.48602765	3.62510178
3.02181194	2.37539218	3.52167057	3.32727988	3.02288765	3.43056221	3.9727165
3.01757385	3.54565411	4.30704803	4.11682298	4.15707792	1.62162851	1.46254935
5.30208844	3.20773559	4.35071091	4.46449844	4.14326461	6.13810814	6.21151437
0.06765176	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.39021388
4.80530373	3.12522151	4.45090354	5.11672277	4.31366168	4.72760519	5.01341661
3.68794788	1.97781606	2.90499572	3.04836174	3.03780993	3.20854267	3.24397901
3.45049249	1.00E-04	0.62635095	0.94948795	1.12045075	2.59237805	0.81996147
3.27920414	1.28472534	1.93095276	2.25907413	2.28197713	2.76042507	2.10783362
2.82321728	1.00E-04	2.2945163	2.11493995	2.61027951	1.00E-04	2.12141605
4.54990439	3.82362794	4.83278953	4.93961779	4.1503822	5.23727215	5.48791498
3.48515957	1.82239023	2.77538501	2.67171915	3.32711403	2.98425296	3.28869739
2.31548559	1.1377045	2.43188983	2.44940337	2.46919757	2.31791989	2.64264004
4.34474838	3.18868293	4.51452308	4.87022112	4.70182464	3.57923729	3.59820089
4.79332781	3.72318252	3.76075663	3.22060548	3.5930484	4.53056233	4.80460054
3.51274688	3.18976123	3.61090722	3.19106614	3.22183753	3.65531092	3.25039468
3.37020157	2.7272223	2.93478496	2.63691414	3.22498809	3.42548354	3.06960172
3.32637131	3.48227866	3.08769557	2.32932649	3.07576192	3.25650074	2.36905859
4.66055109	2.91631353	3.80595614	3.65429	3.6865517	4.51001534	4.67516526
3.25375846	1.28246279	2.27339836	2.89979733	2.1803561	2.44504296	1.96004665
0.47571941	1.00E-04	0.53166208	0.20868015	0.10372144	1.00E-04	0.97522957

1.00E-04	1.00E-04	1.00E-04	0.20784077	0.40308506	1.00E-04	1.00E-04
3.09981887	1.00E-04	1.00E-04	1.00E-04	0.17989602	1.00E-04	1.00E-04
5.27161964	2.15165876	3.52702924	3.07528148	3.43271435	4.36402829	4.26696053
3.57753287	2.49905428	3.83581013	4.42262326	4.52929186	2.81937182	2.63465232
3.08438824	1.58960804	2.2346794	1.84172511	2.11463498	3.87008296	2.81695622
0.72280975	1.00E-04	0.07227876	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75783362	1.00E-04	1.48728395	1.22021626	1.65740697	1.00E-04	1.00E-04
3.98650028	2.42406791	3.74236596	3.35748336	3.14478319	2.91862209	2.97173874
2.93220283	1.15872716	2.75486082	2.8588368	3.0854935	3.21381256	2.96169903
3.89349433	2.72090464	3.50018094	4.11988556	3.85454824	3.03079039	3.08322192
1.09844534	1.00E-04	2.07960937	2.68819587	2.20320789	1.00E-04	1.00E-04
2.42765707	4.02052688	4.99790752	4.53197118	4.47844365	2.87516234	1.35167273
1.06698711	1.39535389	0.97752733	1.45582066	1.51187464	0.71661629	2.61161397
2.31453861	1.00E-04	1.89619258	2.52552376	2.2944686	1.28216359	1.15573112
1.25005747	2.72090464	2.86076873	2.19480325	2.34906899	1.66868253	0.316869
1.45235217	1.00E-04	0.0691919	0.16429007	0.2162479	1.83156367	1.83403033
4.21965435	0.96847026	2.9205454	2.96466183	3.34819055	3.35211227	4.1448977
3.78310243	1.00E-04	2.96711944	3.15322783	3.01929969	3.02578906	3.50836102
0.52130397	1.00E-04	1.38092593	1.31161023	1.15559052	1.00E-04	1.00E-04
5.50807005	3.64450737	4.71465936	4.37675073	4.24369928	5.15845465	4.91727657
2.43669491	0.7902481	1.24488306	2.80395093	2.35784246	2.85745495	2.67325038
3.10678927	2.10644524	2.37388229	2.8404573	2.77221774	2.62562803	2.59743428
1.18969649	3.98997827	4.62029071	3.89398198	4.47022427	3.18679035	2.5237459
3.33428795	1.00E-04	2.44803162	3.0292888	2.42404557	2.08002744	2.22940939
3.33086451	2.24544533	2.20658379	2.1432869	2.35359451	3.03807042	2.65938792
4.45809657	2.24234231	4.0913519	3.85809772	4.06781675	3.586837	3.38230284
0.55098744	1.15660655	2.38089433	2.68964241	2.15794473	3.01383332	2.84426422
2.02441767	2.77483453	3.13246764	2.45141718	2.46738861	1.00E-04	1.40815498
4.05955775	2.30593678	2.93759926	3.13559183	2.87605628	2.97308933	3.8381712
0.45400527	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.84847256	4.74389736	5.65159503	5.14237791	5.25425576	6.0503711	6.35204685
2.26237169	1.00E-04	1.45792168	0.92848629	1.18457662	1.00E-04	1.89464004
2.76284758	2.79438665	3.31817323	3.95747146	3.81528737	2.0422093	2.9663343
1.21958099	1.58124053	1.26892137	2.3306783	1.41762071	1.00E-04	1.93803224
3.36313383	2.0801549	3.10217171	2.5650514	3.03852819	3.32072221	3.56647726
2.50152807	1.00E-04	2.1322275	3.40781612	3.19468602	1.39885208	1.92939844
3.24466733	1.21780923	3.41368741	4.09460964	4.14795722	0.96274275	1.76405717
1.00E-04	1.00E-04	0.27601834	0.17241709	0.17713548	1.00E-04	1.00E-04
0.59841547	4.24824426	5.75802773	4.52936157	4.53236471	1.00E-04	1.26691255
0.32578492	1.3386578	0.11121198	0.06816182	0.24357457	1.15746526	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.47185939	1.28246279	3.46661339	3.99753038	3.81962828	2.78825507	2.87790917
3.04680836	1.65776844	2.90188434	3.38289154	3.24315495	2.50655302	2.85610535

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22450226	1.00E-04	0.29890251	1.00E-04	1.10289724	4.06535955	3.38799249
0.70274209	1.00E-04	0.57953648	1.00E-04	0.74684252	2.18576517	2.2979192
1.36278735	1.00E-04	0.21133337	1.30651942	1.84129546	5.22105203	5.07477467
1.73612735	1.00E-04	1.04815397	1.97785162	2.41809981	2.05926999	4.24559213
2.52579965	0.87456952	2.0273029	2.54623868	2.3571363	1.44286217	2.06128926
2.44222419	1.51684927	2.56890478	2.19128944	2.67940919	1.03647332	2.40550312
1.91501668	2.56688277	1.22240627	1.09038322	1.10530252	1.00760463	2.43686465
3.18471261	2.37645304	2.57013939	2.45447363	2.28088785	3.04701393	2.91566487
5.01271307	3.49529501	4.5127459	4.06850842	4.19153423	5.34246782	5.5531576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38518406	1.00E-04	2.1037387	1.97992731	1.97245852	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.19212069	0.50249309	2.16027461	1.00E-04	1.00E-04
1.57803862	1.00E-04	0.24315838	1.51540466	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09356612	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75711201	1.00E-04	1.0261218	1.04342831	1.47706251	1.00E-04	1.22697765
1.11139197	1.00E-04	1.02846776	1.79699009	0.71475463	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.13734826	0.13318497	1.00E-04	1.00E-04	1.00E-04
2.87676901	1.00E-04	0.53098316	0.95139271	1.26097755	1.15464519	2.14161727
1.00E-04	1.00E-04	0.08074249	1.00E-04	1.00E-04	1.33183829	1.00E-04
0.10913195	0.68407235	0.09703757	0.16411766	1.00E-04	1.00E-04	1.00E-04
4.76972287	4.62276105	4.41516605	4.09541369	4.03051618	5.0186336	4.98068745
3.75702851	2.05677414	3.11657723	2.98933682	2.89985696	4.23089338	4.28428898
4.03092331	3.45324323	1.54626661	0.9685989	1.09907246	4.91401603	3.97831271
1.8477472	0.72877389	1.35423429	1.99290845	1.77276722	1.70962473	1.28877563
4.73028657	0.68407235	3.9503949	3.02046281	3.24803429	5.09537893	5.19961936
3.92062296	1.16296659	2.53063618	1.95420768	2.85132587	2.73631586	1.62673241
1.00E-04	1.00E-04	1.00E-04	0.20798538	1.00E-04	1.00E-04	1.43838478
0.95933441	1.00E-04	0.3185124	0.21517357	0.70211462	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17147519	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68411126	1.00E-04	0.66025633	0.22868636	0.20931032	1.05970842	1.00E-04
0.66451389	1.00E-04	0.14399681	1.00E-04	1.00E-04	1.00E-04	0.48671447
1.75849242	1.82293172	1.20441021	1.35351324	2.28754518	1.27583983	0.74349156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0910208	0.10843982	1.00E-04	1.00E-04	1.00E-04
0.77378123	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.78961529	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74219991	1.00E-04	0.19592806	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66848808	2.07831136	3.48003272	3.10488252	2.97102931	1.63520356	2.15950557
1.95346725	1.00E-04	1.37062546	0.98402916	0.67632666	0.96326844	1.62678906
3.61489542	2.86601158	3.67718524	3.57170762	3.83733837	3.60657049	3.49405744

2.98558802	1.08649412	2.69648988	3.24500292	2.97879421	1.358258	1.95341248
6.59562943	4.52789468	5.3179101	6.10525781	6.10319246	5.18757034	5.10372796
5.21375965	3.94069244	3.95104739	4.76634444	4.3297572	3.95027709	4.63972614
3.28220271	1.90850286	2.77233275	3.69397236	3.41671387	2.27336741	1.89494926
1.46119094	3.90300678	4.39638053	4.53836328	4.28679482	1.00E-04	0.40038755
3.86693414	2.40292853	3.159695	2.94100567	3.42325408	2.35524822	3.08704828
3.54838347	4.0602092	5.09674135	4.59582325	4.80386394	3.94380579	3.51610652
0.30898605	0.72877389	0.16758224	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05264707	4.11211165	4.32168483	4.19465556	4.72145649	1.74728469	1.65885819
3.01833045	2.73822583	3.91335203	3.81403271	3.50982384	1.99336295	3.39840427
2.78525748	1.25855308	2.26597339	1.60454581	1.99011744	1.86602761	2.04150171
1.00E-04	1.00E-04	0.2561985	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.10250556	1.2596863	2.4074535	1.58898286	2.09577659	3.46394674	2.1778676
3.06785402	2.04931384	3.54834191	3.34137857	3.48893374	2.40382108	2.27578424
2.36666184	1.57589751	3.13673455	3.20264385	3.15295043	2.14853004	1.153275
1.00E-04	1.00E-04	0.08765397	0.10002134	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87456952	0.55729554	0.20725573	1.00E-04	1.00E-04	2.21949263
4.53908957	3.311088	3.91049171	3.89814421	3.95653386	3.8842935	4.00339338
0.79982237	1.78992548	2.56444957	2.28109212	2.4538798	3.70083086	3.8475926
1.00E-04	1.00E-04	0.11438496	0.72438759	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22439421	0.1373285	1.00E-04	1.00E-04	1.00E-04
0.89416835	1.00E-04	0.85127732	1.52340398	2.05110242	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10435943	1.00E-04	0.14478141	1.00E-04	0.97522957
3.94881908	1.73064878	2.79150005	2.58491677	3.14671738	3.7456179	3.98991855
3.17324987	1.69323529	2.694308	2.38087088	2.22232292	2.83087177	3.11943903
2.50303374	3.12249824	2.20100078	1.89439779	2.57473447	2.60797983	2.3319065
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66571132	1.55841795	2.64067113	2.85441307	3.02136046	3.04713464	2.72404736
3.89019349	1.92337022	3.13433381	3.03093849	2.74809332	3.79018426	3.01713462
2.21902008	2.3240152	1.56669009	2.32260882	2.22457765	2.60658464	1.32301076
2.98022867	1.2795411	2.50532403	2.35235764	2.17284955	1.12785157	1.85828673
3.74396394	2.87126352	3.13930649	2.3251887	2.44164853	3.02001143	2.96301325
2.86048632	1.00E-04	1.64837368	2.26485275	2.29874713	0.72869785	2.10421866
0.1136802	1.00E-04	0.08749008	0.10902669	0.12233227	1.00E-04	1.00E-04
3.77741885	2.68862029	3.30441819	3.14610594	3.14077162	3.94504949	4.67722062
3.26082371	0.87456952	2.62184861	2.36183175	2.89854673	2.56639502	3.66158997
3.12642487	0.87456952	2.32218981	2.69237262	2.90109853	0.62567961	2.95512485
0.4014428	1.00E-04	0.79931007	2.10872967	0.43463408	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14808841	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6578368	1.73855418	3.32451905	3.39102508	3.05920764	5.12751659	4.98395925
1.88462336	1.00E-04	1.65224919	1.47367896	1.04904612	1.4358255	1.00E-04
4.39165519	3.59831122	4.09948416	4.25549265	4.28676769	4.03346534	3.8826297

4.16278774	1.68013608	3.81847811	3.7965041	3.99644794	3.35405864	3.45481648
3.13546946	1.2795411	2.73756627	2.33114425	2.39246818	3.18420667	2.75470935
3.41192759	1.83359364	3.21128195	3.32264478	2.63735673	2.91986611	3.4635414
3.45057108	2.40258074	3.41127567	3.18392018	2.90364466	3.0691157	3.44493249
4.26671702	3.89441605	3.55307209	3.63082193	3.8011731	3.94818425	4.2603192
4.83020086	2.22453596	4.09603462	4.85195292	4.82529153	3.43834124	3.8252285
3.57071346	3.64683318	3.6842658	3.54289772	3.89354049	3.72107667	3.37153017
1.79502848	0.71640521	1.54894596	2.03937941	1.37212256	0.81261445	0.76786709
2.91476005	1.99193186	2.58484103	2.25326079	1.86864178	2.68754343	3.90674228
4.9498602	3.89600166	4.24070036	4.47833889	4.47772386	4.64502514	4.22426386
3.83466228	1.72364472	3.37837871	3.27786041	3.66736006	3.53833226	3.79503467
4.6558455	3.39245236	4.12204885	4.12651145	3.95435492	4.76694679	4.45337411
2.55454509	1.17452218	1.92183878	1.2307234	1.55864142	1.46863602	2.20883075
0.69026639	1.00E-04	0.36971023	0.14399149	0.14478141	1.31151447	1.00E-04
2.13199401	4.23336743	4.22038192	3.91624993	4.0097999	4.98766406	4.79233508
0.2499135	1.00E-04	0.89151219	0.14454473	1.00E-04	1.63825757	1.00E-04
0.25044987	0.68407235	2.02736348	2.65934686	1.99553851	1.23405597	0.40038755
3.37421178	1.15660655	3.13057986	3.02606679	3.56021281	2.31697232	3.01865909
1.34639697	1.00E-04	2.36710624	3.15571662	3.06246849	2.55560214	2.24635675
3.85262365	1.00E-04	2.02043493	1.55349353	2.42958859	3.96532014	3.91904232
4.57551928	1.95625722	3.73535131	4.06725595	3.85999699	4.77285455	5.27824084
0.74393967	1.00E-04	0.21128111	0.15384709	0.08815268	1.00E-04	1.00E-04
1.60471342	1.00E-04	0.8866191	0.08680543	0.41971343	0.62567961	1.36514787
1.00E-04	1.00E-04	1.24403839	1.08965756	2.29582896	1.00E-04	1.00E-04
1.74163983	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91015501	2.76878416	3.41022116	3.33797121	2.51896706	1.00E-04	0.97863975
0.25761672	1.00E-04	0.21598181	0.08823908	1.00E-04	1.00E-04	1.00E-04
2.84770176	1.00E-04	1.59053034	0.55032537	0.49041542	0.82884172	1.00E-04
0.29071629	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.10480104	1.00E-04	0.11606138	0.20281155	1.00E-04	0.48671447
1.00E-04	1.00E-04	0.10414554	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.71095407	1.75168942	2.91395103	2.46138808	2.92267739	2.29827066	1.81776351
0.60854646	1.23689606	2.45447645	2.58097208	2.91362556	1.00E-04	1.00E-04
1.99812312	2.14075285	2.89466401	2.26384649	2.588577	2.48886484	1.99982684
2.41282818	0.69779233	2.18938526	2.5769694	2.01782651	1.00E-04	1.67804886
1.27979432	2.74541811	3.40765326	3.34772799	3.24842427	3.07901508	2.10365361
1.70069838	4.14825381	5.49569892	4.36285606	4.01000893	1.31151447	1.22697765
1.00E-04	1.00E-04	0.53158864	0.18966483	0.10294237	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13372292	1.00E-04	1.00E-04	1.00E-04
3.78407082	2.2262415	3.85197166	3.57904283	3.40101568	3.53374641	3.67763985
1.00E-04	1.00E-04	0.45572829	0.28651238	1.00E-04	1.00E-04	1.00E-04
4.85957862	3.90984443	4.41641455	5.45007746	5.14940845	3.11504643	3.20120631
1.16328902	1.00E-04	1.15297276	1.52891573	1.91052769	1.00E-04	1.00E-04

4.61053354	3.70080343	4.74996974	4.23993305	4.69488848	4.82580826	5.09572424
2.07300546	1.76575663	2.24032429	1.54289065	2.09748226	2.14036008	2.15214925
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09838717	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.39046758	1.00E-04
1.81691918	4.19962531	5.3244774	4.99273862	4.88458688	1.62578806	1.18353654
2.8893054	2.11272285	2.46442695	2.08698531	2.45584207	3.49608785	2.5847943
3.08465402	3.51768568	4.36848322	3.57500135	3.72649004	3.3395092	3.30937001
0.77992987	3.47134034	1.00E-04	0.33749191	1.47308987	0.84497321	1.33164339
1.00E-04	1.00E-04	0.1442288	0.13737782	0.14566556	1.00E-04	1.00E-04
2.62382641	1.00E-04	2.89249681	2.53537887	2.74119702	2.92052012	2.89421655
4.09196319	2.77059278	4.08019779	3.77477611	3.58308423	4.43705402	4.42916916
5.25926977	3.1013546	4.41098432	5.04598727	4.84774557	4.7567358	4.43181019
1.00E-04	1.00E-04	0.23758439	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.2144528	0.79637057	1.9898272	3.01655189	2.92943275	2.08206938	2.7684117
2.23139873	1.17452218	1.6498837	1.73265947	1.56379756	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16819726	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54652136	1.00E-04	0.69238094	0.31013303	1.64264532	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.67885878	1.12769243	1.72824643	2.02103972	2.31610666	3.26997996	2.90957815
3.43303083	1.91893974	3.32150493	2.75324258	2.91038931	3.01267138	4.26351815
1.00E-04	1.00E-04	1.00E-04	0.09393249	0.127027	1.00E-04	1.00E-04
4.53066363	3.1195547	4.68516218	4.46599146	4.88339652	4.31564226	4.48243599
1.27283364	1.00E-04	0.1277904	0.09393249	0.17989602	1.00E-04	1.00E-04
0.89456967	1.00E-04	0.25859702	0.11606138	0.24971102	1.00E-04	1.00E-04
0.19336288	0.79637057	1.00E-04	0.19545898	0.28483925	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09354831	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14920684	1.57344444	2.17677526	1.86322129	1.94567733	1.33356452	1.00E-04
2.46529079	2.74113218	3.43844608	3.48012501	3.75830855	2.17493643	2.1207029
0.3985917	1.00E-04	0.9592905	0.42938993	0.92904764	1.18075338	1.00E-04
4.21140283	4.08185497	3.90059205	3.26214924	3.84801059	4.62731174	4.57282813
3.55482805	1.5722797	2.98520705	3.38068752	3.26374904	2.82602786	3.90909166
0.60519485	0.68407235	1.45683261	1.76121318	2.0973368	2.86108526	2.41917986
1.00E-04	1.00E-04	1.00E-04	0.13125573	1.00E-04	1.00E-04	1.00E-04
0.14735492	1.00E-04	0.68972812	0.68833542	0.56677243	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07911744	0.11299645	0.11746998	0.79958263	1.00E-04
3.94113171	1.8932771	3.17536229	3.01380874	3.22474998	3.97422117	3.85925065
4.36579072	2.944534	3.68971438	3.23025654	3.89997081	5.09532175	4.74388457
2.13910034	1.00E-04	1.20940885	2.1008341	1.82054816	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.88870049	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40038755
1.00E-04	1.00E-04	0.07299269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.80193633	3.75937979	3.7384125	3.54457694	1.00E-04	1.14061365

2.29801592	1.82112143	3.53462752	3.9091293	3.5581675	1.7885998	2.04879027
6.03637969	4.65166589	5.44891608	5.34157381	5.23378234	6.6121461	6.70932854
3.41024362	4.48128493	5.07831998	4.18652645	4.42739755	5.02886696	5.63530393
2.84001603	2.97517841	2.61239521	2.43827105	3.02032658	2.77456997	2.88979658
4.04908558	3.67648223	3.67171996	3.61041122	3.63972783	4.64671438	4.56257743
3.06016261	1.77240769	2.64060545	2.14815877	2.39968993	2.26313924	3.32421558
1.00E-04	1.00E-04	0.40821071	0.34076206	0.23513402	1.00E-04	1.00E-04
2.36305592	4.3313978	5.16812645	4.52836264	4.45390487	2.47421778	3.20595143
1.00E-04	1.00E-04	1.00E-04	0.13214734	1.00E-04	1.00E-04	1.00E-04
0.63661658	0.69779233	0.60806511	0.52009867	0.54006099	1.00E-04	1.24145063
3.45458694	1.8137912	2.50243812	2.84026035	3.07974555	3.1495227	2.65585758
3.43008741	3.08328586	3.13971481	3.52872497	3.58201009	2.64128838	3.27378384
3.59589507	1.96643221	3.11278637	3.04062239	3.6218092	3.29751562	3.61381608
0.30410966	1.58124053	1.44300113	0.89030229	1.15166057	1.00E-04	1.00E-04
1.27555753	1.17452218	0.5603862	0.60444758	1.99265703	1.19321377	1.00E-04
4.86271538	2.92979354	4.4363618	4.38981735	4.21352409	4.59327831	4.84190092
3.736398	2.19677829	3.10799452	2.86269055	2.80868009	2.73039706	2.94025906
1.64010285	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.11792942
4.84821532	3.75069972	4.54132795	4.04444089	4.25991414	5.17610706	4.97359935
3.61887478	1.00E-04	1.50973734	0.74801686	2.56557714	1.31443423	1.50501804
2.30819788	4.96088186	5.32053439	4.42747931	4.28589893	2.06540785	2.88589369
0.68043439	1.00E-04	0.5932718	0.27955923	0.28806383	0.78141142	0.316869
1.59632376	3.71060237	4.34722309	3.91126974	3.78432709	1.00E-04	1.58049651
1.52713178	1.15660655	1.02236143	0.53018465	0.98400644	1.00E-04	0.98620672
5.03396482	5.2867246	5.52371985	5.33806481	5.60670204	5.89938633	6.15774813
2.05809325	1.00E-04	0.50425667	0.47249209	0.49936131	1.00E-04	2.16600154
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14461624	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.96672672	1.00E-04	1.87946068	0.9163534	1.98907702	1.9112621	2.45409703
2.15724052	1.00E-04	0.60453852	0.39042446	1.90526251	0.96274275	1.18035161
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09863458	1.00E-04	1.00E-04
0.89744955	1.00E-04	0.1276451	0.57689832	0.47662863	1.46153786	1.1853365
3.59367877	1.2795411	2.75812655	2.84438127	3.35174932	0.95102466	1.7038235
4.14097866	4.66063964	4.84613395	4.97266198	4.84363571	2.30475045	2.36819765
4.54480899	1.08649412	2.69599526	2.5614579	2.98833534	4.21163381	3.3643861
1.00E-04	1.00E-04	0.36466761	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.05071056	0.87900892	1.21559768	1.00E-04	1.00E-04
0.21723843	1.00E-04	0.57156689	1.00E-04	1.00E-04	0.68203783	1.00E-04
1.00979359	1.00E-04	0.86950816	1.33708737	0.51129662	1.00E-04	0.79505536
0.45515941	1.00E-04	0.23839459	1.00E-04	0.17232922	1.00E-04	1.00E-04
1.51565173	1.59487839	1.26768275	1.07206939	1.37010444	2.11660128	0.86805099
5.26644024	3.94295422	3.44429534	4.74279641	4.74896426	3.78328345	3.6290718
5.35947734	4.23724257	4.97840068	4.35710098	4.55926633	5.60008432	5.83519236

4.0914592	3.24212787	3.70271204	3.45896429	3.59178971	4.34622113	4.9297804
5.50348443	4.5297547	5.3847201	4.85298389	5.07666323	5.57848805	5.71167488
3.18875173	1.25074513	2.31114645	2.7867775	2.76588948	2.80459204	1.85843053
5.56741896	2.67780255	4.20408039	3.80495343	4.14322634	5.25298792	5.34269278
3.29765102	2.03841817	3.07285367	3.26867931	3.26176521	3.24731395	2.81072862
0.09976055	1.00E-04	1.12965317	0.45577359	0.58477786	0.9559646	2.03511007
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.40864591	3.05925124	3.02725085	3.26031287	2.78307224	1.22399854	2.51988991
4.86544325	2.2768802	3.77025325	3.57289994	3.83946871	5.15355429	5.18901547
3.3464537	2.85738463	4.11463518	4.17999674	4.4040389	4.8132967	4.44016403
5.64356052	4.38519585	4.8831482	4.5486353	4.70993584	5.73403906	5.68539484
3.36615396	3.30863864	3.23345914	2.90684473	3.22104421	1.82608431	2.29240687
3.23335798	0.72877389	2.21472903	1.82834349	2.16662763	2.56821892	2.27834594
2.86725137	0.68407235	1.22649925	1.15865984	1.8367066	2.19920364	3.06112112
4.70438917	3.93836858	4.32794973	4.40037625	4.2544679	4.26355947	4.69867841
3.56359551	0.92068596	2.93111033	2.48862563	2.63393746	3.44530488	3.02189918
3.4924536	1.00E-04	3.35173692	2.89798318	3.02014584	3.51362075	3.49864329
2.53626964	0.96847026	1.85919528	2.00702647	1.67375109	2.3241227	2.82466472
2.55569688	0.87456952	1.87490982	2.2339475	2.14870723	1.70186147	2.40983078
3.71219762	3.72297702	3.39825028	2.71524734	3.35090594	3.30121941	2.34665213
1.58577041	4.87645324	5.71054458	5.30363855	5.26436303	1.00E-04	1.00E-04
4.62404793	0.68407235	2.25209433	3.22309515	2.6144538	2.07702372	2.9929727
1.00E-04	1.00E-04	0.08695588	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24516959	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.78975417	4.16182503	5.34952349	4.73192698	4.67900928	5.05428323	5.11458938
4.59209662	2.63632961	4.43926163	3.95922205	4.43484471	3.53295702	4.72994137
2.33843732	0.79637057	2.05846738	2.37016367	2.58335607	1.99869528	1.61247386
5.27560854	4.00312167	4.84699429	4.65027684	4.50371359	5.26345299	5.13237619
1.5591945	1.00E-04	1.00E-04	1.06466801	0.2302433	1.00E-04	1.00E-04
2.8782241	3.79649857	4.34831629	3.9232996	3.2478251	3.50250633	2.65668284
0.31902197	1.00E-04	0.62574277	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34776891	1.00E-04	0.88223932	1.39860437	0.90089438	1.81223166	0.81245127
1.08106762	1.00E-04	1.00E-04	0.29978092	0.08815268	1.00E-04	1.00E-04
4.00532865	2.45535795	3.34428112	3.35312857	3.4588643	3.33080933	3.97765731
0.18236427	3.04654373	0.61900386	1.51557	0.19146895	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06554964	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.13050416	1.55132453	3.22643347	2.82926414	3.53171338	2.26308476	2.45836936
0.3797893	2.8801989	3.22966342	2.93641641	3.2538768	1.00E-04	0.84167817
2.94761391	1.7576515	2.38422975	2.81852325	3.04373288	2.39255431	2.10470478
1.61292565	3.99858138	5.0863194	4.42209189	4.37761047	2.88597321	0.68773152
0.42050806	2.22122415	3.97713392	3.19174107	3.46272923	1.00E-04	1.1787663
1.00E-04	1.00E-04	1.02234796	1.14989089	0.56029224	1.00E-04	0.62168103
1.82612153	1.00E-04	0.25860021	0.33113322	1.00E-04	1.00E-04	1.00E-04

2.41443517	1.00E-04	0.92540941	0.07577735	0.09565186	3.12618589	3.37094295
2.51687077	1.00E-04	1.80272799	1.80889994	2.24714648	2.63498339	2.8645487
1.00E-04	1.00E-04	0.4511296	1.00E-04	0.58456932	2.85234998	3.08777434
0.11105565	1.00E-04	1.00E-04	0.09290426	1.46137697	1.00E-04	1.00E-04
0.2675694	1.00E-04	0.58472994	0.14713404	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10452963	1.00E-04	1.00E-04
0.25850937	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21433745	1.00E-04	0.69216126	0.5483802	0.65050267	1.00E-04	1.00E-04
3.19942663	3.03476969	3.59278486	3.24286757	3.00232797	2.18606246	2.47308401
4.02198887	2.22494348	3.98362684	3.73004007	3.7145242	3.44121454	4.41272615
3.04293145	0.72877389	2.48043161	2.90406524	2.47254749	2.7747255	3.43865685
2.77741345	0.74506998	1.56570815	2.07837391	2.24204962	1.85829441	1.94558534
4.08332316	3.88653327	4.40539105	3.78058846	3.80716595	3.82516727	4.28730429
3.47896117	3.77933862	3.85640195	4.07458316	4.41608286	2.73052659	3.3034858
3.75139861	3.58839388	5.37879306	5.48788471	4.97198508	3.31385984	3.56535154
5.0771314	3.73495165	4.81609928	5.03906411	4.66995382	4.18619631	4.65540798
4.37324234	4.68216035	5.78376755	6.18207407	6.13611344	3.39724797	4.02239046
3.43916046	3.32838562	3.27789291	3.2378822	2.49924282	2.23944577	2.73951734
3.03542321	1.56472096	3.00069113	3.56136962	4.02460024	2.22844853	2.22320481
4.34236572	3.58540028	4.03261082	3.64422884	3.61178329	4.37209158	4.327773
3.24491653	1.00E-04	2.84612451	3.22453475	3.57438061	1.7010175	2.59291562
0.82837731	1.00E-04	0.73674428	0.59449475	0.27881874	1.10522239	1.00E-04
3.19966378	1.77579549	2.72617427	3.0126128	2.40179328	1.72670917	2.49036155
2.91840514	1.00E-04	2.12855039	2.09898125	1.85355507	2.20152526	2.61010286
2.83782395	3.21849229	3.7292524	4.19279604	4.087326	1.4401018	2.19987555
1.05898278	1.00E-04	1.36008501	0.79192406	1.22379255	2.19411366	0.49725191
3.13807601	1.21891	3.18932856	3.8766202	3.44740399	1.12978361	2.50309703
3.37857113	2.33881168	2.57858721	3.26961508	3.2260103	3.00281009	2.17132395
2.00330723	1.00E-04	1.25591871	1.02548468	1.18337436	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.45741387	0.78416723	0.39727027	1.00E-04	0.62168103
2.29610656	0.72877389	2.01327168	1.37365203	1.66795061	1.86321413	2.71465643
2.82205046	1.16726039	2.64906221	2.64746484	2.97542798	2.03449263	2.00462388
3.85155024	3.73506107	3.18230371	3.53931653	3.89607774	3.28648421	3.45612369
3.39186082	0.68407235	2.68368035	2.70026582	2.56315518	2.61062939	1.82299335
5.09813294	4.39669611	4.78366697	4.22296039	4.28132485	5.12671663	5.11348875
4.19536863	4.36362765	5.13675904	5.74686169	4.92474671	3.3978124	3.80238552
3.46574897	2.09071101	3.3017691	3.76268921	3.62541808	3.27596313	3.32173243
2.6148554	0.7902481	2.10509927	2.54105466	2.19154081	0.74564767	0.40038755
1.44544435	0.68407235	1.60771371	2.69038506	1.10067978	1.00E-04	1.00E-04
2.94966178	1.21891	2.83876932	2.64380153	2.8194055	1.81919924	1.18750877
3.48203212	3.31788474	4.1989517	4.33458643	4.27025586	3.11203864	3.08177782
0.90403077	1.3386578	0.31131026	1.67251158	1.23196975	1.00E-04	1.00E-04

3.00756102	2.46474966	3.02166833	2.8918179	3.01498964	3.34654465	3.5420182
5.04072162	4.28645773	4.91958747	4.61105359	4.36104199	4.92807522	4.95878951
2.82914996	0.68407235	1.62471033	1.81914625	1.72053993	1.00E-04	1.30169169
4.36221616	3.88865775	4.20134953	3.91811584	4.25319533	4.54545731	4.40128133
5.30368187	4.71069994	5.34164683	4.92008654	4.90351133	5.16284801	5.50458679
2.19565827	2.97168206	3.55206859	2.91688902	2.73336671	2.28723682	1.00E-04
3.51041222	2.04596274	2.57364315	2.14431559	2.61544262	3.97472248	3.63413133
3.48631089	3.27821049	3.67148774	3.37042392	3.75164019	3.73869983	3.66092726
5.03510175	3.85234857	4.98881317	4.43464476	4.61965645	4.82833223	5.21302844
3.5870663	2.09240791	2.83199395	2.57188799	3.01836656	3.37078537	3.79817986
4.45992315	1.53741245	3.731575	3.07916844	3.06305304	4.34546041	4.42519894
3.550807	2.49800366	2.72701767	2.5100704	2.73283381	3.27740637	3.89069741
3.9988287	2.07474475	3.46625178	2.86162658	3.08214712	3.94793714	3.60173008
4.58092236	3.12053676	3.51657602	3.03325603	3.0834061	4.65322761	4.73118239
2.1100208	0.69779233	1.7042297	1.38125808	1.22194643	2.12297896	2.14297276
4.58116239	2.71702873	3.95358783	3.60752805	3.66198354	4.82988674	4.73984138
3.11652333	1.00E-04	2.76171424	2.55925993	3.14063859	2.8594361	3.32675331
3.33929515	2.8429912	2.66805792	3.20006602	3.00850326	3.10611843	2.79347187
2.2423472	1.00E-04	1.14390872	1.68852917	0.86895502	1.91661947	2.64876149
2.63636015	1.00E-04	1.3452039	1.25938647	1.26043599	2.88417431	1.31799764
3.53452946	2.87171526	3.53304836	3.61701206	3.43652643	3.38197457	3.94414183
3.71271951	0.71640521	2.72901077	3.11229004	3.05133697	3.39091787	3.56182979
3.76197502	2.11058221	3.77407736	3.46996622	3.3540375	3.58904227	3.669194
1.95309955	0.71640521	1.42982224	0.98018113	1.86940892	0.72869785	1.00E-04
2.84956781	1.48618248	3.09466899	2.96800695	3.00751131	2.2723965	3.27742912
3.44904722	3.40609912	3.04017111	2.49622174	3.00087644	3.34042344	3.85096025
3.39457772	1.15660655	2.85623555	2.89712584	2.43750425	3.23266562	3.55980617
3.25824907	2.51165877	3.10722154	2.68383858	3.35141125	3.59586241	3.25714362
4.90309961	3.93621662	4.78339241	4.19840583	4.27305848	5.25567448	5.48404002
4.65019183	2.82690866	4.60823773	5.41589088	5.4394575	2.90714206	3.76467907
2.93574093	1.45110418	2.19952555	1.70445541	1.75404752	3.27409005	2.06909542
3.83853291	2.62233982	3.87945471	3.80395306	3.67211033	3.54093007	3.85391898
1.50148054	1.00E-04	1.45318405	0.48244373	0.72306962	1.21290128	1.29353201
3.16683363	2.05951073	2.97770304	3.04644843	2.98318175	2.75230309	2.11244349
1.00E-04	1.00E-04	0.10835368	0.07375842	0.53017934	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.10522239	1.00E-04
4.25065168	3.36645815	3.71328284	3.38436389	3.55600375	4.25360064	4.32062775
0.25224736	4.71414631	5.43456205	5.08258808	5.16368815	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.17692359	0.09185911	0.29352415	1.00E-04	1.00E-04
3.60341526	2.01823617	2.69189838	3.10235205	2.61068807	3.50428015	3.72297792
1.00E-04	1.00E-04	0.52223313	0.29781624	0.36119501	1.00E-04	1.00E-04
2.51903844	3.48654021	5.08801301	4.20721054	4.18200867	2.72311008	2.0432141
0.68129269	1.00E-04	0.62276005	0.79547823	0.08916315	1.00E-04	1.00E-04

0.1494006	1.1166062	1.84071979	1.64967293	2.26987163	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67763436	1.00E-04	1.00E-04	1.00E-04	0.39238423	1.00E-04	1.00E-04
2.98414262	1.00E-04	1.71755332	1.70465895	2.7923772	3.18258493	2.75906899
1.00E-04	1.00E-04	1.00E-04	0.0848519	1.00E-04	1.00E-04	0.98620672
0.25365118	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41275046
0.55245887	1.00E-04	0.78222193	0.58729069	0.33058996	1.00E-04	1.00E-04
3.04693572	1.54457969	2.0355321	2.57130838	2.50541846	2.39461336	1.38081881
2.69087391	1.00E-04	1.67806796	2.38726115	2.99226302	1.00E-04	1.40102994
0.90429346	1.00E-04	0.70014398	1.00E-04	1.75198751	1.00E-04	1.09929142
1.8343583	1.00E-04	0.37620271	0.13046994	0.11078928	1.00E-04	1.00E-04
0.39663377	1.33968741	2.58245618	2.67238597	2.05560659	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.80640468	0.07488174	1.00E-04	1.00E-04	1.93833032
4.05246218	1.8721307	3.50783985	4.05283734	3.5048944	3.12607408	3.02970735
1.36018088	0.68407235	4.16352159	3.56521674	3.31908228	1.00E-04	3.41484721
3.27440386	1.52102673	5.19976351	2.63403329	3.66703752	1.83843097	4.68204631
2.49269017	1.00E-04	3.82286531	2.90090382	2.71251847	2.59175522	3.5182467
1.49410084	1.00E-04	3.56219368	1.85393167	2.02990966	1.15464519	2.97109409
1.55918642	1.84421158	3.16603748	3.79814207	3.378774	1.22667441	0.41275046
6.71105042	4.9895893	6.23826097	7.13327688	6.95240215	4.65478859	5.19936739
2.91153227	2.74111188	3.77402524	3.96635355	3.67088451	0.83873894	3.17527266
1.00E-04	1.00E-04	2.39900376	1.58280577	1.03929371	1.00E-04	1.00E-04
0.50258216	1.00E-04	0.88236724	0.87659551	0.68216449	1.00E-04	1.00E-04
1.54385433	1.20118902	1.77027254	1.52621904	1.5198273	2.21285145	1.00E-04
0.30608088	0.96847026	0.15341056	0.44928905	0.51671123	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.63042865	1.14583798	2.14721289	1.60102824	0.7096337	1.00E-04	0.8126727
2.04304308	2.61645992	3.06293994	3.52770519	3.90472929	1.23814943	1.42167151
4.5541729	3.48469694	3.89628574	3.93288016	4.04086163	4.32056411	4.21117684
0.46599884	3.90243406	3.05624394	3.7064138	3.67914225	1.00E-04	1.00E-04
0.33336191	1.00E-04	0.10137643	0.10843982	0.33564122	1.12950623	1.00E-04
0.180786	4.14054101	4.44710106	3.73146079	3.80248131	1.00E-04	1.00E-04
2.30967917	1.72519462	2.73033351	2.4682622	2.19513536	2.37376461	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14376298	1.00E-04	1.00E-04	1.00E-04
0.85329115	1.00E-04	0.09545996	0.19340178	0.26256778	2.51382397	2.8348716
4.36973323	2.38909531	3.1437565	3.76209181	3.274203	3.38789372	3.19045483
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.77692977	2.44712953	3.528308	3.29726976	3.51172225	2.97342372	3.22721922
3.30402147	3.28156035	4.36547007	4.13043426	4.3321685	3.34428857	3.38063452
2.94591805	4.98232259	5.63168675	6.25155741	6.2273565	2.08192033	2.12560747
1.00E-04	1.00E-04	1.00E-04	0.27333879	0.12792029	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.45237689	2.17845853	2.42079485	2.08347585	2.31011619	2.69059509	3.66020303
0.65059586	5.13190227	5.71261636	4.90099911	4.98097813	1.00E-04	1.37041131
3.90130007	2.27151976	3.99177852	3.60615852	4.09785316	4.13119475	3.47212084
5.33185191	3.90072358	4.56779191	4.17162518	4.46634215	5.39064978	5.46782802
4.76309453	4.04314399	4.70373703	4.37178794	4.53639668	4.80751093	4.41839642
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59202545	1.37137101	2.82926692	2.28381161	2.66809136	1.78155956	1.82299818
2.25679002	1.2596863	2.37698976	1.9219235	2.78296429	1.76746746	0.84167817
2.48575786	1.00E-04	2.22369062	2.76930973	2.59908028	1.00E-04	1.74528858
3.65058635	1.14583798	2.92140558	2.82971905	3.10623534	3.22576128	3.58888897
3.43929167	3.46082798	2.81771706	3.45902089	3.01944198	2.89840074	1.7398901
3.2276739	1.00E-04	1.70832925	1.33792621	2.54657439	3.14870327	2.59810457
0.58605681	1.00E-04	0.10473028	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.21587645	3.66652093	4.04342024	3.5517531	3.68437677	5.26004101	5.48130618
1.92560048	1.00E-04	0.11467877	0.19880768	0.72710986	1.00E-04	1.58126621
1.00E-04	1.2795411	1.1178058	0.4962659	0.23493846	1.00E-04	1.00E-04
4.84703383	3.43068754	4.4217522	4.01735473	4.09823939	5.04575956	5.12726654
0.28701805	1.00E-04	0.64159349	0.10695841	0.5627279	1.62191019	0.40038755
2.74194626	1.00E-04	0.06287992	0.09142772	0.30917897	1.00E-04	1.31990454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4029997	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46346735	2.61396082	3.512587	3.51514211	3.85835818	1.54045793	1.03441279
0.2675694	1.00E-04	1.00E-04	0.5538698	0.37704881	1.00E-04	1.00E-04
0.2914264	1.97017223	0.31907105	0.41369849	0.70628559	1.00E-04	1.00E-04
4.37882623	3.57186435	4.74966162	5.31905132	5.39016015	3.36447541	3.69834933
3.25950637	3.7258035	4.26914633	3.99423551	3.99421674	3.73412855	2.98780163
0.59300981	1.00E-04	0.10933862	1.00E-04	0.46517984	1.22667441	0.97863975
0.20129929	0.7902481	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28820729	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.76816949	3.88643931	4.35221687	4.11315269	4.29210436	4.80833813	4.89694933
3.6066718	2.19185495	3.461321	2.81171533	2.73100058	2.90493185	2.98933775
0.35478322	1.00E-04	0.22748011	0.08557886	0.49982235	1.00E-04	1.00E-04
0.90164685	1.00E-04	0.66102344	0.66064781	0.77082888	1.40857904	1.86161249
2.5067946	4.21731885	4.89894559	4.4447555	4.4804858	2.79322261	2.72667949
0.12225379	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83604202	1.00E-04	1.00E-04	1.00E-04	0.11711669	1.00E-04	1.19626579

3.95094975	0.72877389	2.30144371	1.53540434	1.24994764	2.99753506	1.00E-04
1.00E-04	1.50038505	1.98978042	1.17234418	1.84209237	1.00E-04	1.00E-04
1.68372484	3.47665414	3.58534949	3.03136938	3.08170631	0.95102466	1.24145063
1.00E-04	1.00E-04	1.00E-04	0.16301349	1.00E-04	1.00E-04	1.00E-04
1.49604334	2.02014708	2.88072357	2.29899147	2.0977141	1.00E-04	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.08540974	1.82847599	3.84236034	3.53924257	3.65775327	4.14419761	4.54284295
1.62333166	2.27801923	0.90846419	0.99289592	0.94393719	1.22667441	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08223591	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06880281	0.22578611	0.29059262	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.96410445	0.94783134	0.54926136	1.00E-04	1.57095423
3.27806966	1.54471013	2.67185942	2.77354184	2.65663377	3.15381755	3.35072791
3.12324243	3.11579421	3.67857441	3.73852234	3.65265062	4.19156006	3.811097
2.60186159	1.18919506	1.93054721	2.40665138	2.20776101	1.86637467	1.80734119
1.7664995	1.17452218	1.37536231	0.57601601	0.71793012	2.26327392	1.31519195
4.28282416	2.16391687	3.80092891	2.94699563	3.24323796	3.81376402	4.13056044
3.47381928	2.10772425	3.01243894	3.09462614	2.53239317	3.10428494	3.30337188
4.00029935	3.80434052	4.74353889	4.33351606	4.43861423	4.21196244	4.34188982
3.64349822	4.38911867	2.98880033	3.00407175	2.9188011	3.28518598	3.4696818
2.49336106	1.00E-04	1.69329181	1.23884008	1.80170021	1.8669755	2.35186983
0.99804058	1.00E-04	0.20859248	1.00E-04	0.10702905	1.00E-04	1.32157107
3.07973575	2.47707448	2.22825084	3.48229163	2.73089187	2.61131102	2.51930125
3.30454179	1.49236006	2.88897096	3.55513558	3.38379509	0.95102466	1.00E-04
2.24281932	0.8339972	1.74376698	1.76168983	1.32353924	1.60007999	1.00E-04
4.50860589	3.45938906	4.21941746	4.3254453	4.37820404	4.21666567	4.40655971
3.90308052	3.13075949	3.84289907	4.20254093	3.65151368	4.36672241	3.87207815
1.2182976	1.00E-04	0.81449218	1.05317136	0.49114462	2.29203093	0.93074312
5.50725065	2.14398953	3.25707825	2.73858684	2.81843119	1.00E-04	1.8199768
5.36004139	3.38576953	5.43816284	5.71640483	5.77421932	4.33043227	4.54466458
3.80250341	4.06598095	4.95563346	4.91648939	4.61222542	3.74593843	3.89956212
3.33073945	3.13700101	3.86690486	3.86842465	3.63550965	4.03658134	3.8352947
4.28000975	4.49187009	5.23961829	4.63600271	4.3946984	4.90401068	5.02825521
0.98337567	1.00E-04	2.03991063	1.45695977	2.30185522	3.38712026	3.32018014
0.39750534	4.02176536	4.58621691	4.35538137	4.05924122	1.00E-04	1.09929142
2.16117629	3.31732507	2.0849433	2.19994466	1.83052922	3.36912742	3.39363055
6.15803282	5.55306293	5.72083375	5.29830625	5.37525156	5.9466587	6.20637701
5.12851235	4.03702002	4.76571946	4.38824017	4.64046047	5.80703203	5.66925154

2.91731474	1.12950432	3.15887053	3.54108353	4.02502799	0.74564767	2.45161522
1.94555281	3.99688552	4.77407014	4.92673992	4.67641774	1.25061534	1.53600088
3.1689361	1.00E-04	2.15144715	1.90516584	1.86149785	2.81628546	2.78157876
3.53301121	1.59297281	2.72610927	3.19882257	3.08396959	2.59754177	2.86399682
2.33742654	1.00E-04	1.25627539	0.63920967	1.76071039	2.32036705	1.85555576
0.81894969	1.00E-04	2.39938727	1.13359319	1.46877071	1.27329697	1.29750152
3.6305711	1.45076307	2.72471148	3.53048987	3.50235895	3.37765439	2.56443964
1.16482286	1.08649412	0.93431398	1.55517927	2.24979924	0.89799762	2.01460566
0.29907831	2.06139543	3.27029486	2.1227739	1.90096351	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23012885	0.14376298	1.00E-04	1.00E-04	1.00E-04
0.70065635	1.00E-04	0.24288127	1.00E-04	0.43989804	1.00E-04	1.29505143
4.55723238	2.43088031	3.63699952	4.56022706	4.37163989	2.6748255	2.27438506
3.90637919	1.77394882	2.33496702	3.20248568	2.92264575	3.00753914	2.41326336
5.03460389	3.52948653	4.34362591	4.4982697	4.63786823	4.81437281	4.76944104
3.54487697	3.81624904	3.4791751	3.6574155	3.83492878	3.91231637	3.8817478
2.2249748	1.00E-04	0.08590433	1.00E-04	0.22929158	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06767845	0.17047612	0.10372144	1.00E-04	1.15573112
0.69984133	1.00E-04	0.66813332	1.00E-04	0.94025643	0.82693741	1.00E-04
1.00E-04	0.8358776	1.15488823	0.99302946	0.97823185	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.54057444	1.92736324
1.00E-04	1.00E-04	0.18548616	1.00E-04	0.42879226	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09377747	1.00E-04	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56498652	1.00E-04	0.0691919	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.90406999	3.16217029	3.71311279	3.97315728	3.7901896	3.29719183	3.25318947
1.24853001	0.74506998	0.67659959	0.55610062	2.41043236	1.00E-04	1.24011905
2.85236075	2.76644169	3.28002575	3.98137934	3.33769294	1.67346551	2.17624684
2.85864885	2.14842787	2.64595861	2.62974873	2.2239773	2.92429274	3.07705684
3.87233522	3.2429312	4.63094272	4.14302024	4.14851571	4.07558033	4.2508859
3.69354527	3.80575534	3.59563429	3.75033247	3.14931192	4.13929193	4.13558168
2.79724572	1.40882897	2.14522467	1.94180267	1.94685063	3.02021458	2.47879034
0.06718044	1.00E-04	1.37620872	0.77542403	0.36925482	1.75707711	1.00E-04
3.05506965	3.11094834	4.43779441	4.1370261	3.75640081	3.08818458	3.76029765
4.43226406	1.86028978	2.76335315	2.78259531	2.6805729	3.97344987	4.19752403
2.84566594	1.82293172	1.67819826	1.91739446	2.34224635	3.65938249	3.81090604
0.68934146	2.38265393	2.37260492	2.81808159	2.97320473	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.78330478	0.71640521	1.95573006	2.25492004	2.4622206	1.7697111	2.42724096
0.2528596	1.00E-04	0.07670308	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.60595468	1.3386578	0.21870439	0.23414336	0.61487147	0.77057821	1.00E-04
1.00E-04	1.00E-04	0.28003538	0.23078002	0.42985775	1.00E-04	1.00E-04
0.3105362	2.83141671	3.99678088	3.67271946	3.61096692	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10933862	0.34220008	1.00E-04	1.00E-04	1.00E-04
3.55844464	0.8339972	3.19171121	3.29892192	3.20846432	2.14230411	3.05806288
3.85432726	2.94615204	4.17297233	3.59925258	3.84952178	4.30782472	3.94766417
0.86602064	1.00E-04	0.14435078	1.00E-04	0.11344173	1.00E-04	1.00E-04
1.21465476	1.00E-04	1.01671788	1.63293092	1.81673703	1.00E-04	1.00E-04
2.10143668	2.87105092	2.17882003	2.4752878	1.58928072	1.23422697	1.8676432
3.9738033	3.53838624	3.81504803	3.07165592	3.37743853	3.98199539	3.46851356
5.58968957	4.91541549	5.25858602	4.75713048	4.8792877	5.25359726	4.87132317
3.09856965	1.00E-04	2.0055082	1.75032791	2.82176941	1.97605045	1.54241248
4.48615424	3.85694173	4.2314322	3.91928526	3.99579464	4.67394855	4.80432812
1.11119514	2.80129058	3.55385365	4.16240605	4.10686429	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16358717	1.00E-04	1.00E-04
1.90845497	1.00E-04	1.58574844	2.31240779	2.63643811	1.00E-04	1.82824923
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10894346	0.95102466	1.00E-04
3.44857621	2.41876154	3.59090045	3.65168642	4.05543413	4.08977425	4.01245762
1.86512664	1.00E-04	0.55979646	0.73535576	0.75191509	1.00E-04	2.71577603
1.00E-04	3.16818771	2.79247199	2.81593147	2.83193906	1.00E-04	1.00E-04
2.40755473	3.0351971	2.65634388	2.36207066	2.98601376	2.85021996	3.24674058
1.56316543	1.12769243	2.10981991	2.46386504	1.53270644	1.26667164	1.31799764
3.83847543	1.00E-04	0.66939228	1.00E-04	0.25557337	3.3869364	2.92772332
2.04841221	1.09568947	1.34544926	2.14972195	1.39336722	0.81859263	1.97949219
1.9089889	1.00E-04	0.71864952	1.14179518	2.9593895	1.60426225	0.81996147
2.17276098	1.82293172	1.81214157	2.27806367	2.98275698	1.00E-04	1.8067972
3.88535001	1.00E-04	1.2173766	0.41140008	0.48326586	3.83634003	4.15277187
0.08716682	1.00E-04	2.68826112	2.50436756	2.27584971	1.00E-04	1.00E-04
0.29412275	1.82293172	0.86881123	0.55921613	0.77409678	1.00E-04	1.00E-04
4.38865094	3.04973067	0.35847438	2.00840524	0.57784458	3.41275006	3.6143917
2.4409601	0.68407235	1.60471451	1.63441846	1.36855662	2.5423512	1.91830622
0.15771706	1.2795411	1.32177855	0.68378929	1.06530726	1.00E-04	1.67804886
0.52534635	1.00E-04	1.06973834	1.06925984	1.85638903	1.00E-04	1.00E-04
0.58877852	1.00E-04	1.14570007	0.83094787	1.44232134	2.63269417	0.7070202
1.00E-04	1.00E-04	1.00E-04	0.12279371	1.00E-04	1.00E-04	1.00E-04
4.50989144	3.22833747	4.37797526	4.11066478	3.77300441	4.3468116	4.61854961
0.70014748	2.23151103	3.15465925	2.69654101	2.72539658	0.71661629	1.00E-04
2.80675112	2.07049552	3.41321775	2.63218498	2.6458169	1.28787782	0.68773152
4.02574297	4.02099286	4.29019268	4.53436871	4.5817724	3.85126681	3.8959035
2.84426135	3.7862496	4.47067949	4.40735088	4.45004288	2.72808536	2.96863801
4.26937938	3.58786211	4.05108455	4.65415227	4.55862516	2.9414226	3.44869351
3.55154152	2.40314863	3.57119415	3.142397	3.12179614	2.95945433	3.18090898
5.95599934	5.54566549	5.66812619	5.92673113	6.05213407	5.75578029	5.61786243

3.33982227	1.38643342	2.23644944	1.56067992	2.17783897	3.29005265	3.84360818
3.95031618	2.8092771	3.90576947	3.89311085	3.96207509	3.79008965	3.21337216
1.00E-04	1.00E-04	0.30086129	0.1285221	0.2409505	1.00E-04	1.00E-04
1.29787304	6.25663227	7.07023744	6.32275728	6.34960087	2.01436375	1.25984879
3.10760925	2.08379555	3.1790461	2.91156899	3.4103513	2.33467585	2.91138022
5.66930899	4.58466204	5.32516604	4.80659488	4.70963001	5.9352446	5.78363293
1.64238661	1.31236668	2.47075145	2.34888637	2.69937301	3.30171859	2.48687871
3.3152642	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.84497321	1.00E-04
4.70115996	4.17812022	4.99375647	4.40515739	4.81609235	4.87545669	4.81861987
0.65174597	0.69779233	1.75273184	2.03512006	2.02638799	1.39885208	1.00E-04
1.00E-04	1.00E-04	0.7522533	0.82121839	2.46389984	1.00E-04	1.00E-04
1.96869263	1.00E-04	2.99498886	2.85019687	2.67428305	1.00E-04	0.68773152
1.00E-04	1.00E-04	0.88053235	0.4299826	1.45675993	0.84473467	1.00E-04
0.50258216	1.00E-04	0.23835124	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2654926	1.00E-04	0.54219295	0.36082071	1.20489911	1.00E-04	1.26451526
1.33829231	1.00E-04	0.15361092	0.13328809	0.12748672	0.84473467	1.00E-04
2.55089467	1.57043094	2.47676118	3.26225124	2.586362	2.01302604	2.15037448
5.55667384	4.26558104	5.15506393	5.18826514	5.10985826	5.78100726	5.68393171
4.08216291	2.0772892	3.63772363	3.97412409	3.94495298	3.95252367	4.5530068
3.10471564	3.28836418	3.25976671	3.44668871	3.14550478	1.60284778	1.89680299
1.91273742	1.99376822	3.1429183	2.81022274	2.60607361	2.83391144	3.37507351
5.64152909	3.40926273	4.92753525	4.62562226	4.65217061	6.32885206	6.26967633
1.00E-04	1.00E-04	2.20780092	0.08223591	1.10772212	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35800903	1.28620973	2.6498594	2.75357978	1.96690088	2.48804424	2.10505386
1.00E-04	1.00E-04	1.00E-04	0.08009723	1.00E-04	1.00E-04	1.00E-04
4.39999991	2.59325115	3.65871517	3.83965196	3.57413236	3.66921042	3.76709682
4.89399411	3.43204879	4.61968634	4.81459874	4.72682047	4.53236278	4.62153958
1.84128468	2.60203226	2.85250887	3.21015176	3.10920338	3.33534393	2.98772718
2.30921695	2.07401486	3.2583793	3.31720877	3.5576001	2.38395801	1.06668344
3.2086404	0.71640521	2.72199678	2.68142841	3.26882375	3.1836612	3.11699715
5.62520743	5.12462702	5.11155507	5.24082139	5.10438352	5.64559752	5.3375197
2.67021923	1.2795411	1.97782398	1.74714224	2.68301051	1.58564231	2.78643413
3.07357398	2.54989952	3.92410211	3.1789065	3.14554816	3.33199792	3.26137724
1.00E-04	1.00E-04	0.16549647	0.10969326	0.09863458	1.00E-04	0.7551454
1.00E-04	1.00E-04	0.90145284	0.10897151	1.5620628	1.00E-04	1.46364161
2.62571048	1.1166062	2.6243198	2.52635267	2.80657101	2.88920791	2.55940896
3.54557359	0.71640521	0.52889287	0.23421177	0.7970189	1.00E-04	1.00E-04
2.89828552	3.58944277	4.39534535	3.96893173	3.90756329	0.83083207	2.97620318
0.79942033	1.00E-04	2.44201811	2.44075747	2.45084307	2.74531951	2.84683637
0.38734761	1.21640771	3.36565963	2.15127634	1.97929866	1.00E-04	1.32157107
0.5459448	1.00E-04	0.0688269	0.4098655	0.28139916	1.00E-04	1.00E-04
1.00E-04	0.68407235	1.59055858	2.27437628	0.53571782	1.00E-04	1.00E-04

3.56386668	5.04337914	5.56415749	5.12035765	5.28948745	4.58923677	4.6594865
3.72930793	1.24533636	3.19244017	3.92739573	3.82550266	1.42152564	3.12722885
1.00E-04	2.59827571	3.52370786	3.00288127	2.94240742	1.00E-04	1.68984479
2.91275194	2.29760138	2.80382458	2.61260699	2.46854936	3.24401921	3.36302665
6.05985489	5.05784149	5.35860994	4.69108498	5.06121539	5.93852105	6.06348516
3.90805898	2.31197386	3.29791017	3.08947931	3.10961491	2.56269475	3.34578102
3.9354886	2.12215602	3.26522343	3.41512955	3.18708035	4.10121847	3.65234335
4.46544481	2.62180814	3.41559561	3.3530487	3.22666658	4.02785809	4.09252568
2.61938075	0.79637057	2.25453484	2.26203165	2.49119745	1.46959352	1.85428299
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.85587503	2.34442217	3.6609362	3.46168537	3.74948742	3.75167389	3.71262031
1.00E-04	1.00E-04	0.12466471	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.04611718	0.87456952	2.40355921	2.92727696	2.2559886	2.44974673	0.94970493
1.61941067	1.00E-04	1.71524096	1.04025697	1.74626209	1.43054211	1.4616011
5.19289449	4.24186421	5.08248006	4.95300395	5.13127262	5.42845204	5.18869258
1.00E-04	1.00E-04	0.32305574	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.71275244	2.02518674	2.72658261	2.40483305	2.48665191	3.91753766	4.03122606
1.13905401	1.00E-04	0.33774578	1.00E-04	0.40317459	1.00E-04	1.00E-04
1.00E-04	1.28472534	1.22820949	1.35716657	1.79011968	1.00E-04	1.00E-04
4.29030556	3.00129996	3.82587057	3.963029	3.55167632	4.14811648	3.66588258
2.30187121	3.20051114	4.33200833	3.94748696	3.835952	0.74564767	1.96146709
2.65140611	3.32059107	1.79738672	2.28755667	1.65746292	1.71865308	2.16207209
0.11105565	0.68407235	0.25456791	1.31119912	1.27179932	1.00E-04	1.00E-04
1.81451362	3.94830184	4.38000215	4.1092084	3.94606432	1.51042251	1.43628277
1.93982643	1.19089243	1.42496731	0.38494112	0.41530352	1.00E-04	1.79033377
0.70533426	0.79637057	2.48163368	2.91695022	2.13037379	1.00E-04	1.00E-04
4.3932903	4.05348437	4.22980183	4.33774112	4.49475601	2.42791155	2.36497324
1.00E-04	1.00E-04	0.28828398	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.54908469	4.86869213	5.62702019	4.95058947	4.97030103	4.63949008	5.27701338
1.57502857	5.16625419	5.91264995	5.16396381	5.23775873	2.67133364	2.27435396
1.09630985	1.00E-04	0.44206434	0.34155854	0.12125625	1.00E-04	1.00E-04
2.30241738	1.14856053	3.10020982	2.80281534	3.36869815	0.78141142	2.21537945
0.98830145	0.8358776	1.63127996	0.94004727	0.90989634	1.00E-04	1.00E-04
4.32592499	3.64543985	3.9438661	3.58668055	3.61335606	4.50848606	4.5188251
4.38071488	2.21812785	3.96756276	4.90739727	4.75647397	3.83177644	2.4517444
3.86121262	3.1397834	3.42661402	3.12423005	3.30461689	3.57287046	3.76772532
4.22965831	3.05551262	4.46055261	3.71741725	3.41778026	1.31757904	1.00E-04
4.51418587	3.21396882	4.23023718	3.77138383	3.95991802	4.70121912	4.73935617
4.34123593	2.37390681	3.18268721	3.45105635	3.08791008	3.43960445	3.23657603
1.92446326	1.00E-04	2.41993126	0.88286669	1.164146	1.45411739	2.34587099
3.26041921	2.08174145	2.51667577	1.9133675	1.89450489	3.53907816	3.78186338
3.92194966	2.476644	4.22785935	3.35074939	3.81568915	3.8153591	4.79253685

4.291196	3.1545072	5.01744495	3.62842469	4.02151991	4.49653153	5.19745299
4.43438133	2.4328452	2.25080783	1.4516073	1.53614179	3.96355313	4.48783408
1.32186204	1.2795411	1.77213816	1.46062669	2.02222258	1.53762108	1.00E-04
3.23589207	1.13651828	2.92194543	2.58147526	2.56192761	2.62766857	3.12679525
1.798779	1.68137853	2.98646243	2.88091639	2.64891692	1.8794877	2.64774527
3.31979253	1.73409715	3.22462326	2.93669285	2.5066288	3.16616626	3.53134918
3.26787942	2.37022867	3.10378772	3.06815063	2.71103933	3.29010724	3.65443293
5.15364817	4.84168437	5.12956222	4.76982985	5.03650543	6.43687812	6.99087048
3.51761722	2.48039883	4.06435957	2.62460932	3.35297985	3.72588666	4.3447034
0.51624057	1.00E-04	0.28357539	0.21201555	0.70580121	1.00E-04	1.00E-04
1.27102581	1.00E-04	1.73448174	1.33848046	2.79750653	1.00E-04	1.00E-04
0.86114825	4.02629402	4.55642972	4.27865994	4.18228159	1.00E-04	1.92452109
4.41515716	0.68407235	1.60022977	1.64749932	1.79030749	2.65213229	2.16141095
3.90891333	1.82293172	2.18641273	2.5085909	2.22261607	2.75555226	3.543757
1.00E-04	1.00E-04	1.00E-04	0.12223151	1.00E-04	1.00E-04	1.00E-04
1.05513244	3.14281642	4.11436112	3.66545711	3.61631335	1.51909805	0.68773152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39766919	1.00E-04	0.4011613	0.19002476	0.7323736	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09322287	0.07488174	1.00E-04	1.00E-04	1.00E-04
3.08099933	4.43523229	5.01184481	4.31350116	4.30764923	4.27878663	3.98731945
3.45393276	2.09316565	3.04956286	2.84374293	3.08391406	3.181657	3.12426375
3.94290695	2.56059298	4.07393727	2.26493358	2.35823701	3.43401665	3.26923839
2.95228641	1.23689606	2.30445028	2.46563206	2.86542351	2.3916305	2.27058604
2.14638763	3.31393898	3.99703203	3.6649887	3.49932936	1.12978361	2.21310584
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26868146	0.88616647	1.00E-04	1.00E-04	1.00E-04
5.87439493	1.00E-04	1.18714583	0.09142772	1.00E-04	1.00E-04	1.37815983
1.00E-04	1.00E-04	0.09649751	1.00E-04	0.127027	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06880281	0.08823908	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.38042128	0.29048154	1.00E-04	1.00E-04
1.00E-04	2.85243856	3.99302605	3.64362308	3.59323475	1.00E-04	1.00E-04
4.08595218	3.81344561	4.27883547	3.79510604	3.86202921	4.2858713	4.18821113
2.92155654	1.18676999	2.89156906	2.41554139	2.30933066	2.8260522	3.35038297
3.22269598	0.68407235	2.97550603	3.02058299	3.26755865	1.43944945	2.01612278
3.39515539	1.08649412	3.26232948	3.36163306	3.67396614	2.98380726	3.20022908
1.00E-04	1.00E-04	1.16842545	0.10002134	0.56625904	1.00E-04	1.00E-04
3.72521921	2.45600485	3.53557963	3.55484689	3.84438218	3.37996888	3.53391412
5.65052381	4.56975973	5.32919956	5.02238106	5.29541541	5.61678325	5.83118498
1.78112309	4.57949146	5.39439251	4.93742274	5.11504115	2.13907469	2.15555308
2.88658263	1.00E-04	2.56158604	2.28862976	2.31477795	2.64777233	1.6717382
5.26132751	3.05580011	4.40525066	3.8140688	3.91800264	5.37525811	5.73492364
2.78813846	3.11092992	3.89218399	3.13760928	3.25257146	3.61473279	3.40557659

4.27404659	3.31316028	4.0980164	3.9963986	4.26048958	4.60207154	4.41324091
2.23244852	2.51272777	3.43895613	2.99144555	3.33693977	1.00E-04	2.31379278
0.06718044	1.00E-04	1.09829615	0.26836825	0.48752557	1.00E-04	1.00E-04
1.87292148	1.63330261	3.56534227	4.36835188	4.37555158	0.62567961	1.86668791
3.13250036	2.82494555	3.39259207	3.12285039	3.12815098	3.67043118	3.39939876
4.84734163	3.84485144	4.55821457	5.06973968	4.90525062	3.2235928	4.12578471
4.47456701	3.90159566	4.13590188	4.31766487	4.43324309	4.64677367	4.64103273
0.44770202	0.72877389	0.84262485	0.39023272	0.68501443	1.00E-04	1.00E-04
2.19140947	1.00E-04	1.4675262	0.80857727	2.85416323	1.00E-04	1.43376645
5.18847351	3.60644585	4.50309709	4.15769451	4.51788779	5.54751906	5.42448278
3.03441066	1.28472534	2.57612028	2.73458672	2.17893638	2.85005423	3.56603962
1.37946691	1.28532547	2.39804316	2.58570945	1.63051325	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13992338	1.00E-04	1.00E-04
0.93799426	0.96847026	0.17949286	0.50418482	0.47149792	1.00E-04	1.59035704
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95364339	1.00E-04	0.50347952	0.71160235	0.43964448	1.31151447	1.67804886
1.00E-04	1.00E-04	1.30536103	0.44990508	0.56564301	0.86319656	2.35713001
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30540934	0.50616272	0.7180038	1.00E-04	1.00E-04
1.88161234	6.31259937	7.19183981	6.48472032	6.40659135	2.80505929	2.12648386
1.0498348	1.00E-04	0.46079327	0.16130923	0.52405419	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34004053	0.36723415	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23476986	0.89437084	0.09863458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13377378	0.1626901	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13973645	1.00E-04	1.00E-04	1.00E-04
0.0746918	1.00E-04	0.47287656	0.52732057	0.16358717	1.00E-04	1.00E-04
0.5291932	1.00E-04	2.20812879	1.88645858	1.74148675	1.00E-04	0.81996147
0.38805944	1.00E-04	0.2732983	0.1705891	0.13820197	1.00E-04	1.00E-04
1.00E-04	0.7902481	0.24370725	0.45106778	0.3364175	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30944616	1.00E-04	0.13922468	0.39716644	0.10894346	1.00E-04	1.00E-04
1.19475667	1.00E-04	1.28256405	0.74204096	1.94690868	0.62567961	1.29784042
1.07521404	1.00E-04	0.423425	0.41919059	0.1216717	1.32611743	1.82287012
0.765907	1.00E-04	0.87236082	0.16962511	0.21251484	1.00E-04	1.39686577
0.47251737	1.00E-04	0.09533646	1.00E-04	0.34618951	1.00E-04	1.00E-04
0.65222606	1.00E-04	1.00581163	0.44613312	0.6349613	1.12785157	0.7179807
0.07341779	1.00E-04	1.01271466	0.55589501	0.72111617	1.00E-04	2.26127062
0.42210612	0.7902481	0.8802929	0.3164835	0.63708883	1.00E-04	1.00E-04
0.90087849	0.68407235	1.08046273	1.55455124	1.50464538	0.46029024	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02016652	0.69779233	2.37669387	1.68073563	2.41516203	0.46029024	1.51363205
5.17757734	4.1224728	4.66235729	4.12565383	4.5686163	4.88534819	5.32557965

4.44932952	2.57971218	4.03691785	3.70677512	3.92689601	4.78528756	4.62339434
2.24269973	1.00E-04	1.59517889	1.97068203	2.30926933	1.00E-04	1.64877522
1.66339645	1.00E-04	2.09520474	1.74344396	2.54055004	1.00E-04	0.81996147
2.68974215	3.60868807	3.51665198	2.78691351	3.22853781	3.49670098	2.97944319
4.26893366	3.66608629	4.48024688	4.13131771	3.8865952	5.24180797	5.45078699
2.39993271	1.29760651	1.6574585	1.55213518	1.74004205	2.75514101	2.32084369
3.99199093	3.55493666	4.27873407	3.76324031	4.17317476	3.73193782	4.13246355
3.19916295	0.74506998	2.27273305	1.91712733	1.78987943	2.80760766	2.8626867
3.02786706	1.52102673	1.98897106	1.99446396	2.06379783	2.99199594	2.80183941
0.33206433	1.00E-04	1.53124549	1.19435148	0.22420442	1.00E-04	1.00E-04
0.1136802	2.54783127	2.45097047	0.88455997	0.77118803	1.00E-04	1.00E-04
5.32643956	5.32687257	6.1431976	5.97251079	5.89819064	5.53506779	5.45447425
4.1634981	1.472772	3.54896953	3.84294481	3.54521039	3.93483687	3.43506472
4.95517765	3.66168699	4.30655139	4.54805618	4.78455907	4.80236105	4.53266304
3.64106268	3.90227687	4.03928505	3.97048994	3.91262343	3.6731233	3.38654996
2.83218613	1.46000926	2.94631298	3.30088125	3.26263695	3.00061083	2.83587429
4.15158776	3.27704131	3.71818959	3.98641183	3.59579893	4.0060892	4.06473408
3.85005252	2.74183447	3.5612306	3.11930954	3.31419258	4.6460683	4.49776062
5.27555072	2.76295696	4.46316164	3.83301001	4.00802863	6.00046757	5.81287476
2.70879197	2.91856331	1.53762449	1.71157224	2.60916097	3.73799736	3.52107368
2.57960584	1.17452218	2.54727957	2.05872347	2.34353276	1.53638734	2.81738273
3.80738534	4.64743504	5.60020345	5.05721206	5.20854229	4.14554091	4.16921639
1.14574605	1.00E-04	0.34664629	0.50352011	0.33200111	1.00E-04	1.00E-04
0.42093778	1.82293172	0.15460298	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3187589	1.00E-04	2.07421943	1.49457148	2.20009897	2.82714975	2.05093526
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09744499	0.08961591	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.12190013	1.00E-04	0.44695765	1.05910929	1.2778658	1.00E-04	0.83430531
1.00E-04	1.00E-04	1.00E-04	0.10843982	1.00E-04	1.00E-04	1.00E-04
0.06765176	1.00E-04	2.11942994	1.82100785	2.22325518	1.00E-04	1.32157107
1.48623628	6.02494914	6.47375959	5.68428283	5.4479752	0.94543129	2.53802701
3.38176697	2.26178715	2.82886053	2.4176941	2.56053123	3.92176528	3.7345944
0.53066354	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75229883	0.74506998	2.08677882	1.88172162	1.95469656	3.33303397	2.53118088
3.76431784	3.79210597	3.90859166	3.97920928	4.14147043	3.17280674	2.95955112
1.55573592	1.00E-04	0.65809077	0.62975465	0.23709474	1.32413304	1.77304169
3.47357991	2.96060535	3.8192792	3.92627371	3.88392698	3.1664808	3.58014431
0.36555726	3.13781253	2.81971407	2.41522196	2.18396005	1.00E-04	1.00E-04
2.72124345	1.12769243	3.05865988	3.46797996	2.96711678	1.88370032	2.31337869
3.56383732	2.58191856	3.71008303	3.95796374	4.14553759	2.57845249	2.90718338
1.00E-04	1.00E-04	0.21598181	1.68194174	1.00E-04	1.00E-04	1.00E-04
0.19207974	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.15008364	1.00E-04

4.77630141	2.96833172	4.00066084	4.03361836	4.36793566	4.10168551	4.27200266
3.4457541	2.23390282	3.14601414	3.16282273	3.18963033	3.14848259	3.05494186
2.58992075	1.00E-04	1.73319461	1.54665736	1.13848624	1.00E-04	1.50501804
3.37356223	1.46691335	2.55146065	3.47124401	3.6543664	2.4398435	2.11944819
1.71062246	1.55888356	1.82809553	1.82901799	1.9749895	1.63310827	1.21902836
4.58855629	3.01559704	4.25350638	4.5321756	4.52074047	4.25154427	4.29663894
3.99849296	1.75572834	3.47291102	4.53073235	4.30819689	2.16782204	3.02096475
4.08253657	2.42533201	3.9236208	4.4403681	4.28121187	2.50765739	3.63030585
4.87713511	4.4198565	5.47566421	5.21970242	5.45567104	5.32856446	5.12913063
3.75401081	1.98878274	3.0499799	3.25380026	3.6101462	3.39170518	3.4315699
3.1291479	1.2596863	3.26604257	3.55816384	3.55382548	1.590541	2.50509588
1.00E-04	0.69779233	0.14281556	0.95154638	0.33830179	1.00E-04	1.00E-04
3.0465125	0.79637057	2.46626443	2.39503485	2.1556204	1.54097792	1.93999068
0.47704252	3.90633498	4.25718232	3.43775082	4.3383112	1.00E-04	0.97863975
1.09193505	2.31695867	2.99099035	1.78924472	2.57587999	1.84476357	1.00E-04
2.67148313	1.00E-04	2.46542275	2.46098932	2.22739284	0.68203783	2.61444885
5.46359013	1.56980878	1.86603213	2.79006563	3.02426314	1.00662024	1.47360994
2.7257663	0.68407235	2.0315162	2.42805266	2.09120087	2.37416014	2.4766788
0.8413428	3.47134034	1.44156626	1.28505773	1.00E-04	1.00E-04	1.47065192
2.49158385	1.00E-04	1.81380673	1.56779739	2.07384241	2.76661125	2.93053623
1.43394566	2.35596963	3.56264572	3.08717303	2.60152194	1.00E-04	1.85486623
4.9582919	4.18730882	4.65629948	4.59871722	4.75682544	6.40915839	6.67860437
3.85070443	2.98929758	3.49153698	2.85387058	3.43117776	4.2066435	4.18981529
5.3857868	1.00E-04	2.46602275	2.18048811	2.56331107	5.14160756	5.0416187
1.00E-04	1.00E-04	1.16140197	0.40831147	0.32184335	1.03499642	1.01864576
3.70134376	3.16552862	4.7124364	4.37993415	4.12559851	4.80202021	4.69713217
0.31943806	1.00E-04	1.47744784	0.80228876	0.73162992	1.00E-04	1.00E-04
0.35575004	0.8358776	1.44487626	0.16801233	0.84849693	1.66392322	1.00E-04
0.40541411	0.7902481	0.60060937	0.32097844	0.51184929	1.00E-04	1.00E-04
0.68414613	1.00E-04	1.00E-04	0.09393249	0.13820197	1.00E-04	1.00E-04
4.45094554	1.62395092	2.77760707	2.78953149	2.74963265	3.31761494	3.96387988
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58958597	1.00E-04	1.00E-04	1.00E-04	0.14410425	1.103099	0.68773152
6.72357823	2.30119617	4.17927339	3.55021361	3.74201162	6.01483833	5.74899276
3.31226385	2.11728178	2.22821701	2.23108656	2.1974918	2.62305176	3.26062395
4.67531372	4.02928295	4.84841949	4.37473576	4.57993051	5.60362254	5.91519217
2.77914312	1.00E-04	3.09494387	2.40339432	2.67522536	2.04239147	1.93277543
0.38906488	1.19051366	1.04805484	0.30729207	0.77508918	4.08764757	4.26975158
2.9464501	2.17554332	2.33327237	2.75410019	2.74301375	2.3532931	3.06724916
1.56507663	1.00E-04	2.61757942	2.73498431	2.44093624	1.00E-04	1.17461676
0.32520881	1.2795411	0.10444449	1.0043387	0.31936655	1.00E-04	1.00E-04
3.29795663	3.695478	4.68101163	4.4215224	4.56950044	1.93034274	3.87433127
4.30184161	1.00E-04	1.12116633	0.10712804	0.78658096	3.36727937	4.53501722

1.00E-04	1.00E-04	0.09182604	1.00E-04	1.00E-04	1.00E-04	1.43838478
0.180786	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.96326844	1.27747878
1.00E-04	0.7902481	0.16691339	0.14009469	1.00E-04	0.81755274	1.00E-04
3.22769598	1.97641447	2.50928592	3.41604304	2.81076307	2.93190653	3.33481465
3.18878212	4.07893505	3.04278243	3.81674534	3.60606834	2.81778297	3.39778384
3.30590775	3.48001556	3.68057823	3.42706614	3.65067392	3.99256176	3.91561505
0.20357116	1.00E-04	0.93725914	1.03267591	1.02985203	1.00E-04	2.25654861
4.9696205	3.58808563	4.2284668	4.22583949	4.46738674	4.60092037	4.63589395
3.51468416	1.55838257	3.6498274	3.61888098	3.63668864	3.04122638	3.29577618
2.41253054	3.9057444	4.28919379	3.69532999	3.42061398	2.49594909	1.84092536
3.99983392	2.79294291	3.75288578	4.11633483	4.12394505	3.37632661	3.79939268
1.93806233	0.72877389	2.29158968	1.70478472	1.49762985	1.34744982	1.614159
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.23630161	1.55094623	2.98594727	2.32008009	2.62826481	4.23138358	4.20292947
1.47999579	2.34946962	1.89472655	1.65840932	2.67263767	1.00E-04	1.65723454
3.10331559	1.00E-04	1.33814919	0.63645157	1.22115876	3.28537461	3.2651206
1.06885037	1.23689606	1.76792612	2.13722805	1.65861442	0.9513318	1.26702548
3.59344434	3.50256779	4.5958705	4.71686088	4.68073351	2.7401156	2.22973223
4.34011489	0.79637057	1.54669589	2.64475303	2.12425246	3.27684432	3.31215048
0.96485021	3.03407744	3.8741653	3.52071194	3.14508896	1.00E-04	1.00E-04
1.00E-04	1.30959702	1.41818668	1.57647533	1.37200687	1.00E-04	1.00E-04
4.70901638	5.1713959	5.70793327	5.25463054	5.15610457	4.215849	4.56109763
2.51159539	1.00E-04	1.75787911	2.17375521	2.10688211	2.45729936	1.72571506
1.64901574	1.00E-04	2.08192095	1.85812148	2.18417801	1.89545864	1.94318589
0.18616658	1.00E-04	1.10787867	0.41554576	0.91177135	0.81755274	1.00E-04
3.78319854	3.1044145	3.80520018	3.79626363	3.58521011	4.07705657	3.82894071
1.00E-04	1.00E-04	0.17733131	0.54310371	1.49915752	1.00E-04	1.00E-04
3.62915838	2.74569978	3.56493145	3.68680691	3.44523242	3.63946185	3.95002561
3.99740479	1.55851122	2.84921539	3.44779567	2.95585553	2.47100189	2.74239455
5.57646957	4.79968327	4.74768467	4.47512999	4.64492373	5.51516169	5.40257906
4.94433111	3.6525616	4.5901686	4.06725581	3.8361599	5.25115951	5.28815249
3.79427654	2.72454259	3.33355183	3.01583917	3.69009467	3.87359355	3.80889631
4.65851226	3.47115558	4.62328682	4.09961821	4.28348816	5.17035959	4.99289784
4.04521718	3.98289857	3.83352386	3.74546211	3.56328176	4.17873687	4.39764293
3.7802927	3.39361247	2.9562605	3.07302512	2.95447154	2.54623684	2.7691477
2.67518008	1.00E-04	2.38482776	3.06522514	2.84297795	0.94908439	1.24058926
3.38337654	2.93571755	3.58826444	3.01390677	3.61936771	2.19803917	2.49942689
1.00E-04	0.8339972	0.41119342	0.16130923	0.60077754	1.00E-04	1.00E-04
0.21163578	1.44044323	2.92560276	1.91820435	2.72861189	1.00E-04	1.43838478
0.10913195	1.00E-04	1.00E-04	0.15841185	0.36478598	1.00E-04	1.00E-04
4.1250255	3.36649903	4.44218434	3.91476939	4.13090766	5.87588707	6.05231856
2.18154263	1.00E-04	1.00E-04	0.26299198	0.43073135	1.00E-04	1.40124383
3.2015766	0.7902481	1.3855698	1.28977223	1.06551176	3.40191626	3.81845086

0.60627296	2.44506385	2.95473501	2.63772308	1.79546584	1.00E-04	1.00E-04
1.97030434	3.5047128	3.21477612	3.19742977	2.97877982	5.35508977	6.24340318
1.13197531	1.00E-04	0.82190473	0.83087948	0.66317024	1.00E-04	1.00E-04
2.30977271	2.91856331	1.03296533	1.15970482	0.27946729	1.6635431	1.00E-04
2.98514633	3.91335136	4.60887351	3.66845551	3.91273526	3.80568001	4.18609372
2.03499783	1.00E-04	0.60267905	0.42197065	1.25738345	1.74796293	1.15573112
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.06822752	0.92068596	2.5684077	3.6472724	3.3071723	3.11987719	1.91549569
1.00E-04	1.00E-04	0.26727894	0.12223151	0.12792029	1.00E-04	1.00E-04
4.99185315	4.8495605	5.18241626	5.36660013	5.55562752	5.13292226	4.83633726
1.97314361	3.24473203	2.71551919	3.114685	3.63565591	1.4113202	1.80399577
1.92108355	0.68407235	1.54716922	1.43112753	2.26948211	2.6940343	1.25131486
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51189883	1.00E-04	0.49056202	0.29692202	0.32492135	1.00E-04	1.00E-04
5.17648329	3.78717744	4.89450854	4.7247294	4.66497124	5.1968535	4.95832526
2.43022271	3.63700962	4.24869347	3.44981677	3.5232101	4.3088313	4.30953541
1.19351699	1.30959702	2.34162071	2.2737113	2.36424614	1.00E-04	0.316869
1.77367173	3.00779811	1.39352365	1.93499365	2.16645378	1.93117552	1.36677975
2.76162041	1.98369464	2.7645803	3.13756647	2.80759199	2.76883837	2.9181834
2.10313263	1.59286634	2.11044194	1.85045235	2.12628844	2.92800575	3.10472394
1.00E-04	1.00E-04	0.15003529	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.49292625	2.8429912	3.72314071	4.18806599	4.14438349	2.90168058	3.42304094
3.27807608	3.4767384	3.85083443	3.43209067	3.45410167	4.01784319	4.23541639
2.61829052	4.21043288	4.60882897	4.1388757	3.86341725	3.42583935	2.82973338
3.57381659	3.27979254	4.19320201	3.17806185	3.76205094	4.08108539	3.93381241
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2863606	3.80753728	4.73468676	4.60525714	4.43884543	1.00E-04	1.3282665
2.25696981	2.42985879	1.96824693	1.84463961	2.54351509	2.47888464	1.65022111
4.57585971	2.97792218	4.43708241	5.02928094	4.94847689	3.35241863	3.31050528
3.23664611	1.54457969	3.22087082	3.08627605	3.08082018	2.47580054	2.62376669
3.47775411	3.41355035	3.47011611	3.41982689	3.4340935	3.27892636	3.16467154
2.81222303	2.50045918	2.93979547	2.50945167	2.47454821	2.14724933	2.16571449
0.306351	1.17896398	1.79219247	2.37627911	1.95735602	0.86319656	1.19937926
1.80072627	1.39582519	1.77076614	2.0321044	2.59654339	1.72070848	1.25088081
1.60120186	1.51684927	2.26048393	2.02824242	2.05684442	1.00E-04	1.80413548
0.45522451	1.00E-04	1.03329733	2.42036643	2.33586013	1.00E-04	1.00E-04
3.01779363	3.25966951	3.19164754	3.35150221	2.93288263	3.3558482	3.70797437
4.25140554	3.62395803	4.32729687	3.85007186	4.21305652	4.78507224	4.82725206
3.99382204	3.92503642	3.58334113	3.63677273	3.63314874	3.02582327	3.45099416
2.47155881	1.45177834	2.61982902	3.46536264	2.7495388	2.12984324	2.0945172
3.39678774	0.7902481	2.89643237	2.96197828	2.39213132	3.20871593	3.85534426
3.15268028	2.49797185	3.36732254	3.4362537	3.04680395	2.93225228	2.75306044
3.22763857	0.79637057	2.82478716	2.50936544	3.29930426	3.91605049	3.35466903

1.46898455	0.72877389	2.22345942	1.80087536	1.47922331	1.00E-04	2.17483629
0.93280746	1.00E-04	0.60985902	0.09731771	0.36184635	1.00E-04	1.00E-04
3.36797672	2.49037162	3.51856078	3.54940663	3.61777252	3.04241094	2.96808048
3.70019629	2.80187852	3.74447869	3.54136355	3.02596556	3.90028139	3.82366618
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.99565635	1.00E-04	1.00E-04
2.38777426	1.00E-04	1.56492738	2.42850575	2.27582466	1.48679607	1.80031863
3.99316655	1.9335678	3.42977945	3.71900235	3.86056022	3.69396615	3.38798585
4.63342821	2.86202023	4.63930149	4.95224977	4.99304759	3.71182225	4.41533518
3.28508315	0.68407235	2.65598279	2.89404859	2.72328177	1.33183829	2.19833319
6.2488491	4.74778856	5.30794762	6.21155218	5.9938712	4.96327844	4.71335105
4.11278024	1.52626842	3.59832683	4.39370181	4.1465694	3.19202327	2.77302296
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.65204163	2.63154497	2.61664066	2.78487102	2.25081623	1.00E-04	1.54737891
4.58981627	3.33050082	4.32402328	3.82342358	3.97645092	4.28152857	4.33428691
1.75498903	1.00E-04	1.75407835	0.9412831	2.05148761	1.00E-04	2.15022752
3.67920767	1.55851122	3.47509195	3.44817599	3.43848825	3.24661616	3.26505845
2.17867002	1.00E-04	1.00808705	0.85346825	3.21113331	1.94583948	1.13658288
3.64594217	3.15472314	3.07492367	2.22970072	2.99331513	4.36922259	4.19230769
5.92083564	3.95853371	4.87359499	5.44667284	5.4570242	4.5059773	4.73417966
2.48531517	2.96335918	4.20298373	4.51465481	4.65987908	1.18042507	1.8966114
1.12286218	1.00E-04	0.72557077	1.27453027	1.06813273	1.33183829	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.11564128	0.71640521	2.50107715	1.94523907	1.90748842	2.16795875	0.87525952
3.12749169	1.00E-04	0.82227071	1.04321053	0.69953207	1.00E-04	1.47469726
2.0046865	2.40332037	1.05369928	1.28425236	1.03306994	2.76290684	2.00747018
2.25527952	4.69555966	4.97036139	4.68037262	4.35312677	4.11056108	4.43562407
2.2962191	1.22644621	2.29555773	1.67735562	1.91545951	1.22667441	1.15885295
2.12491679	1.47804223	3.06869918	3.17423383	3.23900784	1.12785157	1.68358965
2.26109574	1.00E-04	1.48488676	1.01554777	1.42553545	1.9359841	2.58323458
1.40426527	1.00E-04	0.93393336	1.18845374	0.60078182	1.00E-04	1.31520537
1.00E-04	1.00E-04	0.09649751	0.08557886	1.00E-04	1.00E-04	1.00E-04
0.22736839	1.00E-04	1.50730398	1.29277096	1.08196299	0.9513318	1.00E-04
1.31808082	0.7902481	1.72048006	1.24203083	0.9731771	1.00E-04	1.5044989
1.00E-04	1.00E-04	0.38969499	0.49075646	1.51259459	1.00E-04	1.00E-04
3.69022561	3.65573365	3.93035624	4.0974604	4.19890873	2.60055488	3.64073828
1.00E-04	1.00E-04	0.08218983	0.21360059	0.28495787	1.00E-04	1.00E-04
3.34754414	1.00E-04	0.82096133	1.07341626	1.36811162	3.55531343	2.70099336
3.84888376	2.3224642	3.07661049	3.00817965	2.80643239	3.5738804	3.62339738
4.16789291	4.13061414	4.08372197	4.54142007	4.67201152	2.84953841	3.5456705
4.10877084	3.38573321	4.03784426	4.70826296	4.66958366	3.259845	3.1535288
0.6161856	0.87612072	1.74634503	1.8939828	0.43471183	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09703757	1.00E-04	1.00E-04	1.62162851	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.93812762	2.9483593	3.38773054	3.34257824	3.63944401	3.76487045	4.40261908
3.44365086	2.98613036	2.58234797	3.01881192	2.96670332	3.12189148	3.60326003
4.47415066	3.43769666	4.68346229	4.29248039	4.33140467	2.72375755	2.95916574
3.45649881	2.05381149	3.24515894	3.33719209	2.99216272	3.65441676	3.84731308
0.8741368	0.68407235	0.90773691	0.65418417	0.27424075	1.00E-04	1.00E-04
3.18538838	1.21891	2.41599888	2.66636201	2.92351433	2.41489935	2.06467084
2.71099855	1.77145913	2.46308122	3.06323712	3.01353652	1.48511134	3.20132145
1.00E-04	1.17452218	0.41926435	0.24278373	0.67967484	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29185116	0.10969326	0.12748672	1.00E-04	1.00E-04
2.06687764	1.24426431	3.46186756	3.69777212	3.15060536	1.78119286	1.46969762
3.35566039	2.0554659	3.54066281	3.12530858	3.11333931	3.21625751	3.43385613
4.04040894	0.68407235	3.41109573	3.05909246	3.78239888	3.8621647	3.85416508
4.24062085	2.15638551	4.13612013	3.76214536	3.75313791	3.08172496	3.3598136
4.2601447	3.34691039	4.3857029	3.99967199	4.24856602	5.61522524	5.85902875
0.09976055	1.00E-04	1.00228862	0.07488174	1.00E-04	1.00E-04	0.48671447
5.00157364	4.63347714	5.08300147	4.31221419	4.34380538	5.01535524	5.2433668
3.56822681	3.71442244	3.77440403	3.54673326	3.99730343	2.72852235	3.21782609
4.06106779	1.87805748	3.36452387	3.91961746	3.83610715	2.69009127	2.74476962
2.54270347	1.46691335	2.12251363	2.03674051	1.87365096	1.63743625	1.90225256
2.85697314	1.22644621	2.23147191	1.79962441	1.71782003	2.97555344	1.5433034
3.53443987	2.94700777	4.12415217	3.89110718	3.84837385	3.31835705	3.45712146
5.23714141	3.84578193	4.81616714	4.40201316	4.50491791	5.72744869	5.52278616
0.80602463	1.28246279	2.32677025	2.40241497	2.8321006	1.00E-04	1.00E-04
0.92768627	1.00E-04	1.06273695	2.26804519	1.00601142	1.18042507	1.13658288
1.35199184	2.24130351	1.97782799	1.59218948	1.99991325	1.77932715	1.09138487
3.43185342	2.15988653	2.85223824	3.09661583	2.43522185	3.48473663	3.90611642
3.77514676	3.15352032	3.24172651	3.06555717	3.33678011	4.00955866	4.03421285
4.10123934	2.57167799	3.71560943	3.09115829	3.57691768	2.82115945	4.03813758
3.45366974	1.1166062	3.18914376	2.54500485	2.78003679	4.08372652	3.27409864
0.6354142	1.00E-04	1.0480843	1.46642058	0.88572364	1.44286217	1.00E-04
5.28133152	4.55368156	4.67248073	4.53810743	4.57254441	5.18702602	5.52289394
2.62228232	1.00E-04	0.76168618	0.55210699	0.99107464	2.49821281	3.19025486
3.05736485	2.05441329	3.39217898	3.19376526	3.05441296	3.98493901	3.8184733
5.53208028	3.42457011	4.64782096	4.24285	4.58173771	5.43526073	5.58851972
4.20222016	2.77328026	3.79852955	4.05437137	3.71754065	4.57722342	4.812114
5.33784671	4.06586388	4.97882475	4.34594662	4.69348397	5.7612464	5.97455499
0.98394816	1.00E-04	1.00E-04	1.43620707	0.09814195	1.00E-04	1.00E-04
3.0115583	3.17003262	2.28867504	2.51464179	2.16370562	1.00760463	1.58664266
0.70100436	1.00E-04	0.82399975	0.49452134	0.93284829	1.00E-04	2.64536836
4.86401416	3.81205524	4.47621367	4.2162669	4.01852964	4.99455217	5.16243428
3.92521279	0.96847026	2.95814893	3.7670802	3.23853051	2.73917137	3.10493832
4.09795899	2.24673219	3.52865599	3.00741941	3.64575859	3.6812424	3.33027795

2.18872422	0.7902481	2.62191823	2.53063101	1.91424518	1.9563533	2.25998937
3.84372452	2.94480927	3.62097455	3.35209501	3.09951619	4.17526698	4.22749767
2.35900666	0.8339972	2.01544908	2.34476217	2.44124308	0.77057821	1.65041257
5.81494668	4.94294209	5.61377584	5.23263199	5.27280373	6.06040851	5.92534694
2.42445836	2.44324877	3.70405127	2.96714641	2.99944761	2.9153446	2.83305376
2.59427074	0.87456952	2.47157833	2.28347231	1.93974076	1.30751134	2.75458288
4.90052723	3.27318081	3.82662693	3.52517193	3.67275529	4.24623421	4.29159948
1.90268949	1.00E-04	0.47328084	0.96909415	0.70027543	1.00E-04	1.00E-04
3.4926331	2.37466987	3.72254449	3.4083006	3.43265481	3.4766781	3.42178368
1.2547888	1.00E-04	1.22345214	2.09774474	2.51710986	2.46528632	2.3130755
1.88417125	1.00E-04	2.78322219	3.43312172	2.95551833	1.46021335	1.75422051
3.00845971	3.21605614	2.63947411	3.14027911	3.522505	1.00E-04	2.19394863
1.03687347	1.00E-04	2.23033919	2.70019259	2.47016928	1.0281643	1.48223447
2.96710097	1.00E-04	1.63871176	1.27667305	1.41000353	3.85251695	3.24247345
2.05439131	1.16296659	2.44859599	2.26477684	1.83223953	1.39885208	3.08663781
4.67916065	5.70135556	5.96985414	5.27369301	5.26142467	5.57977473	5.30438553
3.75147446	2.54783855	3.29432569	2.66389682	2.6177346	3.45622763	3.90937817
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.48469185	1.80007683	2.15417708	2.74177634	2.66521392	1.07055892	2.03275819
0.79211163	1.00E-04	1.00E-04	1.00E-04	0.31503601	0.78141142	1.00E-04
4.09256244	3.27965917	3.6779585	4.56546572	4.4975189	2.67704422	3.13333633
3.91026414	1.52332232	3.22268536	3.04556268	3.40354308	3.8754228	3.73485024
3.77910206	3.38268189	4.26595996	4.06646198	4.07390638	4.14385244	4.36548328
4.88693149	3.63613897	3.02913485	2.71709075	3.11930932	4.46590748	4.31139046
2.35206517	1.49468642	2.8394999	3.08342767	3.27463985	1.21290128	1.57260279
1.28907674	1.14583798	0.93460052	0.57466037	0.56590058	2.92094695	1.41504388
0.44770202	1.00E-04	0.33797427	0.10087056	1.00E-04	1.00E-04	1.00E-04
3.10509662	1.33855165	2.70739131	2.74608935	2.2651285	2.90782497	3.53340668
0.30265481	1.00E-04	0.18729596	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.98113183	1.98062547	2.34814193	1.00E-04	1.00E-04
0.30780921	3.10679624	1.95356032	0.73084695	2.77576748	1.00E-04	1.00E-04
3.87934211	3.94093363	4.2733423	4.17882662	4.9020757	3.21694955	3.56037173
4.05520399	3.13610564	3.98931243	2.9767781	3.46747116	4.70915968	4.94981841
4.49392447	3.0188572	3.5117037	3.55185956	3.58046838	4.27385744	4.5529663
3.63542623	2.37624716	3.37501029	3.16947419	3.45627636	3.15419415	3.72497397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.5814282	4.52736451	4.94671212	4.353242	4.49485955	5.29657633	5.68736678
4.58355963	2.75236923	3.46221485	3.29422291	3.51463885	3.90063328	3.88278863
1.66554399	1.00E-04	2.3289177	1.3484019	1.96119037	1.98455142	1.56844314
2.74744284	2.92097169	3.01435638	3.20657834	3.09673431	3.07790598	2.30901239
4.77880862	3.87281822	4.79854722	4.36227692	4.3635033	4.71007648	5.17805745
5.83609148	4.70182874	5.32802992	5.08026626	5.27234902	6.33598697	6.43613133
0.9467431	1.57339335	1.8961857	2.14691929	2.08904867	1.66181256	1.22180816

1.92375248	1.00E-04	1.6954586	1.15890085	2.83369609	1.00E-04	1.294807
0.2712885	1.00E-04	0.88138222	0.49744078	1.57491731	1.00E-04	1.00E-04
3.22338282	1.95810259	3.06857526	2.94861344	3.04825742	3.60155921	3.69552679
0.99068545	1.00E-04	1.11807621	0.99224096	0.14410425	1.7885998	1.51443555
0.72910923	1.00E-04	1.00E-04	1.00E-04	0.1216717	0.81755274	1.00E-04
2.32605619	4.25726325	5.4394298	6.42515693	6.23255677	1.00E-04	1.00E-04
3.0996668	3.31238905	3.9180718	3.91557431	3.79972521	2.22547955	2.6117982
3.40615327	1.12553	2.73085677	2.40162452	2.35856671	3.33620179	3.11547609
1.72933439	0.8358776	2.62311021	2.45268648	2.55167641	1.77515126	1.74534733
3.50900715	2.08993828	3.11191943	3.3522908	3.5921288	3.06753757	3.41389029
3.47410333	3.21023382	3.76010098	3.05916152	3.05369137	3.46961714	3.93095448
2.22611922	1.46321927	1.51633045	1.28875015	1.76496753	1.70594343	2.32966709
3.42450144	2.26350242	3.05320854	2.82641284	2.80844122	3.8523463	3.06541248
3.81755693	1.77536622	3.33887467	2.92608313	3.29222853	3.49638729	3.37359267
1.77369889	1.56883011	2.38257784	2.1259165	2.24885735	1.8891645	1.45794228
3.6566557	2.75815482	3.72094244	3.24736274	3.5574623	3.44008946	3.69640355
1.65824151	1.54789829	1.68269955	2.4713189	1.74799044	1.63825757	1.29823861
2.80062192	1.82601792	2.79638524	3.30788032	2.87902122	2.17744886	1.85814284
1.41363419	1.24426431	2.17440278	1.80697991	2.01152826	0.94543129	2.08845706
2.02784608	4.49516784	4.48792283	4.53000848	4.57372723	1.00E-04	1.09929142
3.44296901	1.80923429	2.82222022	3.15683161	3.3330456	2.86332611	2.27174224
3.36622218	1.91183314	3.36181897	3.15642673	3.36850219	2.51845762	3.45812028
4.01441646	2.62729684	4.03212804	3.69155587	3.87197372	3.44148012	4.51199574
2.25706653	0.69779233	2.01962398	1.65279032	2.15365203	2.63466763	1.12034212
1.27890066	1.00E-04	0.73883645	0.71838728	0.5893221	1.15008364	1.00E-04
3.26562189	1.79410682	3.40980427	3.25328239	3.61431192	2.29069629	3.32508268
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13922468	0.3430322	0.37483862	1.00E-04	1.00E-04
3.55733616	1.25583846	3.37170776	4.09277271	3.96789071	2.86115843	2.88216619
0.66550473	1.94658705	4.00798877	4.28891068	4.17020752	1.00E-04	1.00E-04
0.72023228	3.45489742	3.84695316	4.49755444	4.82044335	1.00E-04	1.00E-04
5.9967718	2.14823908	4.23621983	3.70486501	3.95107586	5.16354079	5.40359788
4.42195881	4.04680949	4.53490026	4.03504778	4.03727667	4.61840045	4.65337768
3.86928602	1.00E-04	2.2217749	1.5125007	1.95419948	3.85563278	3.56563522
1.77102954	1.00E-04	1.33660795	0.98880617	0.94391445	1.00E-04	1.00E-04
4.43125263	3.36244995	4.01381336	3.36094794	3.58397709	4.44386926	4.54508125
3.18358341	1.57344444	2.80887707	2.23130366	2.67825917	3.65631918	3.54596159
4.25092958	4.14446162	5.36442683	4.72897084	4.93033245	3.8688616	3.8791679
5.13865703	2.64815424	3.5106811	3.28583551	3.7644524	5.56216489	5.71861506
4.2907709	0.68407235	2.91684081	2.72831452	3.10838693	3.97998121	3.99888569
2.67644455	1.00E-04	1.81415076	2.63051425	2.19403123	3.02766455	3.09252884
4.837709	3.08739365	3.69462987	3.64046376	3.78590025	5.26787133	5.35913581
2.75241375	2.78731475	2.65477136	2.83679269	2.54239172	0.94371668	1.0162502

1.35418202	3.35569765	4.13258303	3.52830986	3.61686087	1.97667225	2.00863681
3.3410581	2.73499073	3.41845232	3.07426512	3.06657659	3.50945294	3.64289466
5.92549503	3.85189108	3.66632962	4.05884137	3.66933551	5.98909751	6.09268841
4.37043999	1.00E-04	1.76239884	2.11948357	1.38149552	3.55180263	3.57409994
5.30737765	3.23778363	4.1623765	3.58109855	3.44185546	4.54073622	4.82887487
2.87095084	2.08456678	3.16385097	3.49260757	3.40166921	1.12785157	1.90715771
3.58771597	1.00E-04	1.17362293	1.84790195	2.27424624	3.73579667	3.15407549
0.59811402	1.00E-04	0.19613071	0.1373285	0.09863458	1.43054211	1.00E-04
2.31737186	1.00E-04	1.36912294	1.4468518	0.73640348	2.90456183	2.59379898
3.25353258	2.25857146	2.39435215	1.92429232	2.16160302	1.00E-04	2.33367054
0.54407602	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35795603	1.00E-04	3.24242264	3.84037356	3.01000388	2.95885898	2.73024266
3.15464391	1.14856053	3.01604131	3.61151269	3.30270553	1.78217248	1.99558812
2.99957009	2.49558784	3.03883925	3.44714308	3.1577621	2.02104304	3.10586004
1.00E-04	1.00E-04	0.08167072	0.21039047	0.48524354	1.00E-04	1.00E-04
2.51526401	1.61085165	2.38065713	1.73899071	1.77560412	2.88743307	2.34093913
1.00E-04	1.39420177	2.84674303	2.56943635	3.54477066	1.00E-04	1.00E-04
5.69177052	4.19353604	5.08138669	4.50802755	4.65130056	6.90539632	6.79271234
3.86527157	2.77187807	3.45108398	3.0572652	3.30763171	3.47495129	4.0293402
2.82483022	1.92655616	2.9023216	2.26547848	2.52752739	3.41777754	2.77758719
2.8101207	1.472772	2.39858739	2.39415749	2.53633333	2.14686235	1.67710092
0.06759249	1.00E-04	0.30690433	0.96894296	0.3044932	1.58973894	1.38235126
4.38179053	4.13680994	4.4777735	3.86285918	4.08442915	4.20848432	4.42238833
4.73436458	4.05104168	4.33705011	3.60505596	3.51307072	2.29552578	1.32800755
2.42242115	3.71025925	3.67543102	3.49465101	3.26073955	3.04400587	3.26935695
2.11313368	1.00E-04	0.81758714	0.43808526	1.00E-04	2.27102314	1.70636795
0.06718044	1.00E-04	0.66032769	0.62776465	2.05496942	1.00E-04	1.00E-04
1.07232096	4.47372707	4.5384437	4.44989581	4.57386538	1.00E-04	1.28173231
0.98528762	1.00E-04	0.26122755	0.12271058	0.15392957	1.00E-04	0.316869
3.41713923	3.41956949	3.2995874	2.92258716	2.9849681	3.52804519	4.27031611
3.49329638	1.71913671	2.75136376	2.92385727	2.9612681	3.02890299	2.94997592
4.64022552	3.9565978	4.60715314	4.38177266	4.29985032	4.27248834	4.4882324
4.38463656	2.88396769	4.16855787	3.78711272	3.81750707	4.43348999	4.51821138
5.17765777	4.79079265	4.66105092	4.47937253	4.62157929	7.95440142	8.03702162
3.05082893	3.7177277	4.29222007	4.47853438	4.40139779	2.19065314	2.47485232
2.72370992	1.63330261	1.95405375	1.93647843	1.60592179	4.65919349	4.45372351
0.81771064	2.2525586	3.1343739	2.7943758	2.58708836	1.00E-04	0.35134699
3.57990863	1.76518183	2.97294813	2.75989964	2.73170024	3.51040747	3.48045167
1.06962579	3.25460158	3.48606162	3.84384519	3.75578177	1.00E-04	1.00E-04
0.1781538	1.00E-04	1.01207403	2.06898363	1.40386045	1.00E-04	1.52306191
0.32070646	1.00E-04	0.45508203	0.39635157	0.18549388	0.62567961	1.23319564
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35358119	1.00E-04	1.00E-04

0.95038566	1.00E-04	0.67476219	0.77273484	0.46837948	1.21222102	1.00E-04
4.83917574	3.85095052	4.20029095	4.1318484	4.00734058	4.7937458	4.99548173
2.21023319	1.00E-04	1.55483067	0.64293474	1.09256554	0.72869785	1.98844508
2.11252985	1.45716008	2.66894493	2.20072355	2.23556692	1.96964281	2.54505259
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23824815	1.00E-04	1.00E-04	1.40857904	1.00E-04
2.34879943	3.10446861	1.93322334	1.60772473	1.72460177	1.00E-04	1.2325764
3.1773169	2.33058012	2.86096178	2.61052712	2.28321066	1.93357893	1.89502071
0.31943806	1.00E-04	1.00E-04	0.0825412	0.44547915	1.00E-04	1.00E-04
3.85617155	1.2795411	2.09327676	1.26146331	2.3997052	2.81161232	2.91491329
1.00E-04	0.71640521	0.35908299	0.45825879	0.15653713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15653713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16953037	1.00E-04	0.29690018	1.00E-04	1.00E-04
0.7720704	1.00E-04	0.31730233	0.08321284	0.22325196	1.00E-04	1.00E-04
3.1706414	1.00E-04	2.11941769	2.05670086	1.99629129	0.71661629	2.10627262
3.42143446	4.48261648	4.92710607	4.68598912	4.73460265	2.93066904	3.70560998
4.88106102	3.81787202	4.27311123	3.96741686	3.8806433	2.32057998	1.39064314
0.29907831	1.00E-04	1.00E-04	0.09660285	0.13992338	1.00E-04	1.00E-04
4.82094681	3.16992171	4.57587206	4.80155633	4.73365101	3.93671937	4.34329293
1.00E-04	1.00E-04	0.06767845	1.00E-04	0.11711669	1.00E-04	1.00E-04
4.11771618	2.96118239	3.7469057	3.73611034	3.95800628	3.86277658	4.08658805
5.23996218	4.49366133	4.74744827	4.52377762	4.61485554	5.53097975	5.70455886
0.24286172	1.00E-04	0.37526847	0.26943216	1.03540264	1.00E-04	1.00E-04
3.46899031	3.34641863	3.79990926	3.7370243	3.77400745	4.5688014	4.15431777
1.9313312	3.19179486	4.1349615	3.71530943	4.03927465	2.28485555	1.40953423
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19089153	1.00E-04	1.00E-04
0.69607405	2.91480129	3.2605482	2.36238153	3.4012446	2.45388454	2.29237669
2.0810387	4.37156025	5.14966914	4.38243775	4.6398718	2.22325209	1.53861781
0.06301971	0.72877389	1.78293495	0.99863291	0.79556683	1.00E-04	1.00E-04
1.79045425	3.08428225	2.98830668	3.5646576	3.05670019	2.242481	2.88693785
1.00E-04	1.00E-04	0.16215927	0.21109453	0.11344173	1.00E-04	1.00E-04
3.42775065	3.4332465	3.89874887	3.6139479	4.23147983	1.5978946	3.27616339
1.00E-04	1.00E-04	1.00E-04	0.09731771	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.58425721	2.69229251	2.61270973	2.98219178	1.00E-04	1.00E-04
2.27970866	1.2795411	0.45155647	0.36356061	1.79109573	1.00E-04	1.32157107
1.12199723	0.8358776	1.91894543	1.90641308	1.78487565	0.74564767	1.00E-04
1.00E-04	1.00E-04	0.80747215	1.44198683	0.50150472	1.00E-04	1.00E-04
3.15859007	2.57395499	3.74031652	3.62208588	3.21452008	2.82214772	2.4676427
2.56629821	0.92068596	2.23814391	1.56823966	1.66416681	2.90292296	2.56470923
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18352605	1.2756848	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28413119	0.15935059	0.12694344	1.00E-04	1.00E-04
1.03263671	1.00E-04	0.69261411	1.00E-04	1.00E-04	1.00E-04	0.46517855

2.25525413	2.23680662	3.18639223	2.81669501	2.8108649	3.07269042	2.75839518
1.77380519	0.72877389	1.05499439	1.35538859	2.48730016	1.00E-04	1.1853365
0.67233261	1.00E-04	0.61451186	0.48102635	0.37245643	1.00E-04	1.00E-04
3.86670506	2.10191049	3.51443299	2.95606196	3.25361777	3.43990391	4.00086579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58602043	1.00E-04	2.7918714	2.76690711	2.97444177	1.00E-04	1.32060234
2.97607433	3.70536057	5.11767833	5.45728295	5.28493872	3.30522177	4.04595981
3.59568673	4.03066226	4.63622117	4.47460249	3.99909855	2.69639645	3.05313722
1.00E-04	1.00E-04	1.02229648	0.95520433	1.34178918	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23591378	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.34599881	4.86450318	5.93591921	6.17478243	6.33149143	3.27051339	4.97495547
1.15227183	1.50755615	0.73875053	1.02781673	0.77442275	0.78141142	1.00E-04
1.00E-04	1.00E-04	0.12696973	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.07506885	0.79637057	2.924586	2.34857876	2.77118532	1.00E-04	2.27814153
3.86602737	1.08649412	2.7545319	2.5781889	2.71330187	3.69954936	3.43577766
2.07004008	1.22587756	2.35574912	2.69204218	2.81438479	2.55095605	2.24731986
1.00E-04	1.00E-04	0.46351567	0.08952278	1.57256396	1.00E-04	0.72495184
2.79033565	2.17304217	2.10744711	2.14731227	2.92814402	1.00E-04	2.34027878
4.38276939	3.19130257	3.6313936	4.26946183	4.03061583	2.24844131	2.93768761
1.08464583	1.73659304	2.12473612	1.40941087	2.45934665	1.00E-04	1.00E-04
3.96671476	4.43297124	4.96734429	5.12004508	4.56872211	1.00E-04	2.24302646
1.81319262	1.00E-04	1.85862173	1.6369327	1.59769662	2.07476539	1.90351161
3.53229818	0.79637057	2.84553321	2.8017685	3.26961294	4.63633394	4.9347788
3.0018	1.52102673	1.32206703	2.61219332	3.08024601	3.85293602	3.36455399
1.60846758	1.49544656	2.19160843	2.53108527	2.54345515	0.72869785	1.95139688
0.62288198	4.96488941	4.99792306	4.35426291	4.27509825	0.94371668	1.00E-04
2.22359688	3.30889016	2.64621086	2.93231295	3.08187996	0.77057821	2.94256604
0.43060091	0.68407235	1.01881962	1.33956663	1.21087682	1.00E-04	1.86161249
3.1518786	2.12938831	2.37056484	1.63833022	1.95036933	2.91052546	2.77094836
2.5857383	3.01482812	2.89365759	2.16002653	2.64224791	0.88323491	1.99622645
2.53442375	0.71640521	1.82572742	1.45423193	1.5215729	4.49404803	4.47852279
6.47711124	2.6372663	3.21133129	2.95013605	3.16056066	5.51263669	5.80300553
2.39870577	5.29055347	5.70356317	4.8909256	5.10064798	1.31151447	2.65412351
1.00E-04	1.17452218	0.82817823	0.99254629	0.98449187	1.00E-04	1.00E-04
2.85707722	1.2795411	2.2863836	2.42562072	2.26007044	2.95033584	2.97951263
5.13213921	3.58199937	3.81189342	2.88331762	3.39253647	6.16387491	6.05137873
2.22331442	1.00E-04	1.08958653	0.89400781	1.16203827	2.0923641	1.90786375
2.44095248	1.00E-04	0.60998198	0.49567842	0.74647967	3.09712982	2.88873419
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.35081379	0.09142772	1.00E-04	1.00E-04	1.00E-04
2.76464716	4.34811579	4.12702214	3.7756653	3.98353125	2.68882067	2.39200821
2.26904066	0.7902481	2.4040389	2.48446312	1.98094022	1.98212221	2.09510181

3.92867488	4.20084812	3.80812824	3.79322666	3.83168508	4.32193018	4.48325619
3.12979029	1.00E-04	0.0691919	0.08223591	0.09759627	1.00E-04	1.00E-04
0.68709747	3.40215294	4.12437608	3.63884695	3.63321134	1.00E-04	1.60719284
0.27491353	1.00E-04	0.16737891	0.08624493	0.08815268	1.00E-04	1.00E-04
4.21406504	4.26038602	4.54666507	4.30829356	4.63112813	4.3390469	4.78273178
4.37200624	0.72877389	3.81101158	4.02377889	3.41209693	1.00E-04	2.61711767
0.06336707	0.8358776	1.76649463	1.29262269	1.43449696	1.00E-04	1.00E-04
3.29369188	3.96434559	3.81199882	3.49655546	3.13252364	3.90639167	4.3634586
5.76752049	2.86706338	3.84520203	3.86405728	4.22444746	5.61018155	5.38214277
3.49345021	3.14636275	3.07485026	3.86374113	3.41433384	2.92133108	3.35535802
0.20004898	1.00E-04	1.65829122	0.90949964	1.07938453	1.00E-04	1.00E-04
3.20536344	5.11021939	6.11124663	5.40108895	5.34782283	5.00115724	4.70647173
0.57628047	3.37871451	3.83266516	3.44180389	3.65277875	0.71661629	1.00E-04
0.72603271	4.61492361	5.37565457	4.66122168	4.54382224	1.61211528	2.02140229
2.2569334	1.72890281	2.47284428	1.96403336	1.90045164	2.75207783	2.22845763
0.94009836	1.43232803	2.51057961	2.68337741	3.0592702	1.00E-04	0.46517855
4.17511853	3.46364873	4.1518065	4.13022069	4.13554546	3.25329956	3.86994686
3.93105652	0.72877389	0.64701271	0.17790627	0.53328822	1.30530732	0.90713248
0.52223366	1.00E-04	0.72787045	1.66197576	2.255234	1.71398917	2.37473091
5.06713629	3.39473999	3.48569474	2.70175936	3.81948432	3.19873883	3.06556672
6.346323	3.34865071	4.25642854	3.35473649	3.2487259	5.43879551	5.42414243
3.43259269	2.82101558	4.23553506	3.74652919	4.00378155	3.00737173	2.1095105
0.88649073	1.33386508	1.45866999	1.2872295	1.81380047	2.39310254	2.72414544
1.00E-04	1.00E-04	0.11780573	1.00E-04	0.08916315	1.00E-04	1.00E-04
1.00E-04	2.70207672	4.1913307	3.1993611	3.10022262	1.00E-04	1.00E-04
2.30615779	0.87612072	1.85354962	1.34073909	1.38795533	1.00E-04	1.36238498
0.5353008	0.68407235	1.65022335	1.31242256	0.92804253	1.00E-04	1.00E-04
2.49474086	2.85437786	3.02497934	2.93698855	2.3894093	1.60952454	0.55712436
1.39145029	1.00E-04	1.87588707	1.84839171	2.13265847	1.05970842	1.00E-04
1.72139564	3.24802403	3.13111544	2.95600604	3.10539359	1.58378692	1.93479724
1.01933885	1.00E-04	1.94067518	2.21534836	2.05379933	1.00E-04	0.48671447
4.13591991	2.53256888	2.95173431	3.11395758	2.57670207	1.77992544	2.22634534
3.87207125	3.63211017	3.36195339	3.27339829	3.62350849	3.95502209	3.77649502
4.5476747	2.46932101	3.41773924	3.4339475	3.81288717	3.90170953	3.8303839
3.92813538	2.5577119	3.46675695	3.30401078	3.398427	4.60991669	4.62485755
0.43790388	1.00E-04	0.46123255	0.07008263	0.40404114	1.3009082	1.07127105
4.78731937	1.309432	2.35153322	2.37297593	2.98044593	2.42271307	1.29000562
3.10040669	1.00E-04	2.1695054	2.43066114	2.43702542	2.3956788	2.89101318
1.57819509	3.00944772	3.97808181	3.81542783	3.93241347	1.25841553	1.27747878
0.48404358	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19507903	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.34321718	1.12769243	3.42519362	3.86070746	3.80638838	3.76532571	3.78993729
0.42668873	1.3449137	1.64428642	1.08972433	1.65523097	1.33005782	1.32556383

3.4267136	1.4857787	2.17488341	2.33750702	2.92763358	1.03647332	2.17060748
0.59300981	1.00E-04	0.93716994	0.37596308	0.57855267	0.97058651	1.08430159
1.00E-04	1.84216561	2.63772421	2.23921185	2.7127518	1.00E-04	1.00E-04
2.50956215	2.07058541	2.84993365	2.57053808	2.96349494	2.3869565	3.10443824
0.65588431	1.00E-04	2.29238281	1.40812444	1.93674505	1.00E-04	1.54424011
2.63023458	1.52415755	1.56961058	1.63228013	1.50658095	0.86319656	1.98256673
1.1198693	1.00E-04	1.29989064	1.40325616	1.78168175	1.55341532	1.80199871
1.00E-04	1.00E-04	1.00E-04	0.08624493	1.00E-04	1.00E-04	1.00E-04
0.71293108	1.16728446	1.94690987	1.98008257	2.63029739	0.95102466	1.00E-04
1.44514844	1.00E-04	0.10416762	1.00E-04	1.00E-04	1.18371736	1.12396442
2.42304799	2.56029211	2.82700918	3.08709332	3.04977033	1.00E-04	1.93110466
0.53382579	1.6013329	3.11527986	2.95191357	2.72887701	1.51042251	1.00E-04
2.18286224	1.00E-04	2.47950295	2.59576239	2.07608465	1.96331636	2.54435479
4.55159577	1.98586204	2.8264604	3.92793249	3.87907105	3.67726782	3.4529973
3.17761521	1.44889667	3.22791486	3.26798044	2.73462114	3.20180248	2.80116798
3.51072114	2.01242642	3.18133965	2.8180541	3.19082528	2.9797475	3.24880883
2.59826833	4.30274361	5.05972824	5.05841889	5.02025612	2.75454584	3.05892088
2.67189949	0.68407235	2.70569909	2.749385	2.88255221	1.11481773	2.02847839
1.00E-04	1.00E-04	1.00E-04	0.11095817	1.00E-04	1.00E-04	1.21902836
3.1127186	2.2246831	3.36404609	3.07634072	3.55392849	2.72138639	2.67596262
1.68232303	1.00E-04	1.48945102	1.07109186	1.77660104	0.88297287	1.32568218
1.10513564	1.00E-04	1.23350448	0.15776063	0.63322716	1.00E-04	0.48671447
0.52120562	1.00E-04	1.00E-04	1.00E-04	0.15169238	1.00E-04	1.00E-04
1.09372366	1.24426431	1.43692131	1.32443018	1.81296009	1.21290128	0.93074312
0.97833798	1.00E-04	0.68054561	0.75109953	2.43756141	2.19255533	1.42437073
1.00E-04	1.00E-04	1.75042841	0.85024397	1.88523794	1.00E-04	1.00E-04
1.00E-04	0.71640521	0.14808841	0.09749395	0.14152107	1.00E-04	1.00E-04
3.14884398	2.31026664	2.95569483	3.12786917	3.27202068	3.0943386	2.71476639
0.62508086	4.40219215	5.20794223	4.7753552	4.65756518	1.61211528	1.32208337
1.41699995	2.05156912	3.58829444	3.31246559	3.42777376	1.67017738	1.76252662
3.5144224	3.7083766	4.15275803	3.97081512	3.79160203	2.76015868	3.83364366
0.11017854	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94500021	1.00E-04	1.00469686	1.02158299	0.88038615	1.00E-04	1.82241456
1.32855644	3.04386932	2.6490354	2.46039277	2.88548827	1.50711679	1.45374903
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.92570504	3.01321487	4.04333978	4.82945749	4.54619032	1.00E-04	1.28952416
0.47139594	1.00E-04	0.12810717	0.19913916	0.32254756	1.00E-04	1.00E-04
0.19855303	1.00E-04	0.24842751	0.46087656	0.24982573	1.00E-04	1.00E-04
5.37478556	5.53837852	6.47690134	6.24893686	6.62074229	4.16412763	5.23350297
1.28741421	1.00E-04	2.04360778	1.20335559	1.55477029	1.56996472	1.00E-04
1.54768861	2.91414088	2.950845	2.81811982	2.53280157	3.26769033	3.07425322
1.65258386	0.87456952	1.51389722	1.28949015	1.14115957	2.42606398	1.75251525
0.75311864	1.00E-04	0.44028331	0.45890966	0.32435104	1.00E-04	0.7179807

0.32909352	3.14161976	4.25174258	3.66274357	3.45933976	1.00E-04	0.56264051
3.83968071	3.53217615	4.5282751	4.01985546	4.45694023	1.73661329	2.08633349
1.00E-04	1.00E-04	0.46901747	0.78206197	0.6219632	1.00E-04	1.00E-04
4.96559958	2.17304217	2.93071799	2.58433464	2.98500896	4.3755834	4.59584417
2.81042014	1.72030535	1.95209424	2.48774026	2.42494731	2.92042245	2.73697584
1.00E-04	1.00E-04	0.10635547	0.14417241	0.09814195	1.00E-04	1.00E-04
2.90953664	2.18754929	3.35966074	3.45237154	3.10963874	3.19533882	3.55983408
2.98791275	2.57611918	3.6302199	3.32085597	3.438964	3.01404724	3.12563561
2.23908084	1.00E-04	1.14591	0.30020983	1.41251749	1.03647332	1.11423233
5.24917874	2.91856331	1.71425575	1.43962741	2.29659709	4.16076786	4.57161664
0.43201826	1.45480715	1.06448576	0.49040756	0.99799102	1.00E-04	1.00E-04
3.85070039	1.95523633	3.9067063	2.43187814	2.90386398	3.93366666	4.32135266
2.1509907	2.18483039	2.72779436	2.94110106	2.08943945	2.24053546	1.54282716
3.74447927	3.02314393	3.27525244	3.73962522	3.44637606	3.48141189	3.38533896
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66830821	1.00E-04	0.46763003	1.27289133	2.03424051	1.00E-04	1.00E-04
2.81947439	2.09367666	3.03220254	3.11357278	2.59647121	3.27512261	2.79936384
3.69639286	2.52654221	3.38032334	3.87880407	4.41683378	3.66468899	3.1176284
4.26349891	2.80177251	2.97723602	2.61338675	2.56207649	4.29063401	4.04444408
2.82883505	2.75053219	2.92650403	2.22018959	2.45203065	1.103099	2.37763351
3.49233859	1.61309825	2.9936152	3.49143645	3.27660355	1.91235548	2.19506937
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.66422455	4.23182999	4.70856695	4.73370247	4.78143918	5.43995509	5.61096703
3.14930136	2.20731613	3.55493831	4.29962713	4.08818822	2.265351	1.63183551
4.0898255	2.62505368	3.49806751	3.24226587	3.32891735	3.44896077	3.65319397
1.00E-04	1.00E-04	0.59722721	0.21672542	0.14461624	1.00E-04	1.00E-04
0.23297528	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19207974	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.99009845	3.35429255	3.21941071	3.78566514	3.95841309	2.60967869	2.40449688
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8339972	1.08677133	1.08460383	0.61586106	1.00E-04	1.00E-04
0.27611176	0.8339972	1.85540525	2.50000412	1.00773089	1.00E-04	1.00E-04
1.00636032	1.00E-04	0.23321317	1.00E-04	0.12945	0.93702359	0.49725191
4.96847304	3.51692282	3.90384779	3.92638262	4.23116103	4.79261873	4.71340792
3.59942557	3.15962143	2.64766117	2.8177607	2.45322163	3.07583387	3.11304835
3.95435511	1.00E-04	0.61259667	0.50100032	1.00E-04	1.00E-04	1.00E-04
2.76545204	0.8358776	1.17187367	2.36252088	1.4056191	2.65728443	2.26286252
1.00E-04	1.00E-04	1.00E-04	0.11606138	0.18101271	1.00E-04	1.00E-04
2.76391275	1.45207003	3.09362056	3.46124758	3.64113913	2.4530201	2.5980573

0.88520115	1.00E-04	1.03759568	1.00E-04	0.33590073	1.00E-04	1.00E-04
2.19417374	1.79626576	2.77309775	2.47749915	2.58124928	3.03525719	1.49046879
1.21046649	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.75797698	3.71834701	3.34225258	3.4394876	3.48204723	3.58889212	3.91902066
3.89617113	2.80444892	3.08964703	3.15955286	3.83044071	4.60385959	4.37291481
3.8770853	2.33715726	3.95467022	3.50624723	3.31690321	3.93043118	4.4183766
2.11903509	0.71640521	1.61942368	1.54898059	2.33417795	0.93702359	0.49725191
3.6457073	3.6874158	3.61941577	3.09532682	3.01156986	3.61018776	4.29074898
5.4939573	3.11675771	4.19214661	5.11798081	4.79285195	5.13079413	4.73375178
4.47571109	2.11812165	3.96102551	4.40290152	4.22023429	3.0020178	3.43603775
0.53452392	1.00E-04	2.30950093	1.22455615	1.81336889	1.08793411	1.13158847
4.28826254	4.21983415	4.71950453	4.35697893	3.96421308	3.96419385	4.51476445
3.2860509	0.87456952	3.0182227	2.99489011	3.02425187	3.10607791	3.0844561
1.00E-04	1.00E-04	0.36491203	0.2423916	0.52072413	0.77057821	1.00E-04
0.75249583	2.11473144	3.44730676	3.09962646	2.94284623	1.36534419	1.00E-04
0.19612609	1.00E-04	0.36222323	0.72129739	0.4937527	1.00E-04	1.00E-04
0.57806244	3.16493964	3.81480685	3.83278729	3.74361099	1.00E-04	1.5344211
3.41168875	1.50450275	3.21148754	2.69927942	3.16182558	3.31492211	3.2377638
1.22783668	1.20118902	2.24011994	2.04161918	1.80641595	1.00E-04	1.04068602
2.95319967	2.29359201	2.27315049	2.68159954	3.1700518	2.14001144	2.40296719
3.27081885	1.00E-04	2.41211122	2.10489945	1.63881661	3.27845689	2.88397346
0.8114314	1.00E-04	0.64134689	0.69066055	0.7477596	1.00E-04	1.00E-04
1.04107925	0.68407235	1.67752035	1.13346097	1.34108721	1.71129491	0.94970493
4.66925707	3.37671982	4.55328324	3.94855348	4.08244893	4.68802135	5.17710871
3.8445367	3.35186644	3.20034523	2.8287695	3.49976802	4.10043528	3.65747661
2.05794164	0.68407235	1.82378596	0.79945373	0.80280764	2.73503606	0.316869
3.3188878	3.02089936	2.93745911	2.95948169	3.69481804	3.13306691	3.70636424
2.68169624	1.95552579	3.1661991	3.4388482	3.50300538	1.75580756	2.25158126
4.09867115	4.0815851	4.62494105	4.3044229	4.47869716	3.6657772	4.08304324
4.16406064	1.20999135	2.74480795	3.41836036	3.4163298	2.09177156	2.88405405
2.76704458	0.8358776	2.62728279	3.04853815	3.00522386	1.17300738	1.64992957
3.17261763	1.51981446	3.16250948	3.23831153	3.09234197	3.380212	3.61489534
2.2415833	1.00E-04	0.49632688	0.51636548	1.09851151	1.78409005	1.92837257
2.34734086	1.25855308	0.93060764	0.98319566	1.29796167	2.1621159	1.84191002
3.04137372	1.00E-04	2.49286859	2.84089713	2.3864045	2.32827457	3.17049463
3.98737604	1.2795411	2.77701924	3.68570314	3.15954692	1.59823223	2.39991517
3.34877798	0.68407235	2.5997818	3.08354235	2.97871205	2.91509416	2.45102596
3.9033968	2.63467064	3.68630478	3.15380978	3.22843416	3.62489843	3.48010149
4.09993309	4.01404209	3.82965381	3.59361117	3.21122821	3.67922239	2.63323935
2.35884328	3.1358388	3.79541989	3.0373931	3.61689033	1.93618636	1.83289202
4.19878189	2.19552619	3.87989194	3.60115415	3.80547837	4.2388338	4.12437861
2.80166113	1.00E-04	2.62046818	2.53636839	2.96726106	2.49516834	2.46386271
2.45526179	0.87456952	1.05940084	1.34537867	0.46694202	1.24135441	1.00E-04

0.88610535	1.10480104	1.08584104	0.83381237	0.78709851	0.46029024	1.00E-04
2.17447836	1.00E-04	0.93259863	0.26074512	0.71478379	1.00E-04	2.70049604
3.27186287	2.08592586	2.48645072	2.61085151	3.03021545	3.34146448	3.71322927
3.07245541	3.08991504	3.40633211	3.38382801	3.6560131	3.49313502	3.50196852
3.8566601	2.66701618	4.03879276	4.0335402	4.04020808	2.7428277	3.04033439
4.10897303	1.09568947	3.45851419	4.144305	3.86655283	2.44774841	2.92519981
2.77016211	1.00E-04	2.71621998	2.87477426	3.17047113	2.23879855	1.2347896
4.42163096	4.32780462	4.29328034	4.0207922	4.15008379	4.15083312	4.31690872
4.28518443	3.40993834	3.87551981	3.52488307	3.60236203	4.08726797	3.96914752
2.26262804	0.68407235	1.95068786	2.28480966	2.26740612	1.17564827	2.12398461
3.690817	2.69867475	3.02427391	3.55356097	2.84850627	3.56625447	3.52198218
3.72663699	1.94121574	3.535801	3.4526873	3.66757339	3.11008663	3.47056204
3.72709419	2.44770435	3.75747876	4.31969921	4.46046574	2.76167565	3.1921476
3.55948729	1.19051366	2.41942889	3.28706442	3.90784188	2.33917824	2.11073644
3.17795441	2.1980017	3.33122513	3.62780077	3.29323096	1.88250862	2.48489804
3.35740347	3.53501626	4.75049985	5.23073284	5.30022737	1.68128567	2.16717534
4.07032602	2.18282004	3.64504651	4.56931769	4.46118193	2.61749333	3.16812955
3.73075351	1.60800337	3.61834329	3.78997258	4.00709851	2.99169613	2.31052506
4.26471019	2.70000749	4.20068537	4.90524237	4.82845272	2.23600453	2.52272286
3.12954861	0.72877389	2.88691389	2.77503566	3.00504966	2.9407608	2.6119026
3.1403107	1.94115836	2.82762746	2.5195981	3.23786391	3.27361553	3.25722492
3.07364905	3.31289699	3.11013789	3.08740914	2.93916406	3.25182667	3.3233171
3.20535213	0.87612072	2.76863275	2.72478905	2.17474393	3.10419774	2.50655337
2.17824325	2.93136506	1.62424726	2.2773331	2.40526428	2.21050325	2.54370341
3.73109706	2.72782263	3.03704128	2.96219153	3.06494809	3.66559131	3.84083132
2.81687252	1.82293172	1.42309864	2.0670328	1.93972489	1.00E-04	1.29823861
4.04279826	2.72104265	3.21714992	2.94250885	2.48942227	4.24745568	4.10158454
3.82874491	1.67513682	2.90955379	3.04318907	3.40731597	3.7303085	3.50992999
3.43146732	1.11722896	3.29045825	3.80973621	3.84052951	2.2833283	1.9409836
3.31709961	3.04654373	2.27668464	3.26506757	3.30631032	2.31906173	2.99560749
2.31606391	1.25402837	2.34112568	2.35863083	2.61664448	1.57383726	2.30592331
2.80052202	0.87456952	3.03446775	2.17897889	2.57744166	2.61300888	3.64883664
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51318524	1.00E-04	1.00E-04	0.08823908	0.15653713	1.00E-04	1.00E-04
2.36995923	2.18667189	2.94628297	3.0571319	2.84914167	2.44303939	1.61351034
1.0125169	1.17452218	1.68356456	1.68012831	1.45419716	1.00E-04	1.00E-04
3.32793788	1.5259549	2.63696554	2.41865152	2.69981279	3.19185094	3.81914149
4.53657964	2.81355534	4.41117462	4.87034424	5.18182782	4.02044591	3.56485713
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2.10938666	2.66179639	2.68145769	2.76067923	2.86263005	2.12325241	3.06966873
1.00E-04	1.00E-04	0.20614984	0.10426514	0.09863458	1.00E-04	1.00E-04
2.02116669	2.95236137	3.12488995	3.42776601	3.51300443	2.61227175	2.35904329
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2.52561538	1.61569811	2.22341906	2.41615454	1.89122215	3.22685709	2.35720923
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1.92913237	2.79043421	2.08359991	2.48851752	2.73168101	1.6607773	2.05457417
1.00E-04	1.00E-04	0.27713107	0.10897151	0.11344173	1.25061534	1.00E-04
1.81303226	0.68407235	0.98660468	2.09944099	1.50042327	1.00E-04	1.00E-04
3.59355469	3.54694578	4.72936263	4.33369508	4.56153805	2.62683709	3.28734504
0.72143308	1.00E-04	0.18910291	0.2052487	0.24325587	1.31757904	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.12057268	2.65495655	3.21165583	3.04011026	3.00234448	3.84316226	4.00940092
1.00E-04	0.87612072	0.66317545	0.38618456	0.24267641	1.00E-04	1.00E-04
4.26362839	1.65621092	1.14098458	1.11981623	2.01986369	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	0.45569209	0.08509915	0.28831257	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52637459	1.00E-04	0.52442671	0.39234959	0.64463493	2.64681585	1.13697428
3.12498583	0.74506998	1.35285598	0.67450541	0.83367583	0.81859263	2.26372216
0.44086013	1.00E-04	0.40663919	0.09185911	0.34340067	1.00E-04	1.00E-04
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2.9493917	1.12553	3.21457234	3.17178472	3.40711233	2.94778027	3.08621088
4.15008015	0.7902481	3.30488328	3.33316524	3.25163731	4.13487558	4.27652934
2.89226614	0.79637057	2.15324322	1.96060698	1.95874495	1.89160038	3.04038581
3.64968091	2.38555594	3.22761345	2.85149143	2.68638366	2.20920307	2.99743842
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5.54727097	5.80960445	6.75296723	6.63572654	6.7930387	4.86750721	5.61115296
0.22816858	2.93022896	3.0632083	2.10698281	1.7175641	1.08793411	1.00E-04
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2.68614424	1.00E-04	1.52969257	1.90075845	1.18713179	3.11714714	0.81996147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25086106	1.5259549	2.63461173	2.22608094	2.25533709	2.27716483	1.00E-04
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0.45366573	0.72877389	0.06880281	1.00E-04	1.00E-04	1.10522239	1.00E-04
4.01847526	3.5155344	4.46378583	4.12362889	4.08872517	4.52188557	4.24593928
2.71541071	0.76524107	0.47382982	0.26724914	0.30549922	1.29724148	1.87267065
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2.25439728	2.18240995	3.34014091	3.31898159	3.40707458	2.43302636	2.55543416
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3.99839426	2.8498528	3.57320594	3.53989711	3.71469505	4.21528128	4.27121736
2.79517462	5.03108841	5.77650697	5.72133425	5.64894476	0.97412898	2.59045905
3.07136509	2.92452367	2.95258792	2.70287035	2.5469728	3.25195157	3.20141804
4.48057637	2.20252949	3.47384392	3.3104387	3.7411483	4.26695091	4.43637145
1.13980019	3.65117513	4.36551773	4.03034327	3.68293066	1.28837704	2.00970301
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4.97690133	3.72453803	4.1508768	4.01037132	3.85901167	4.98988484	5.15510561
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4.36926844	3.42470973	4.30911373	4.53800319	4.51226505	4.0600845	4.09289064
2.51470793	3.63868738	4.51977585	3.9250294	4.16754488	3.70852805	3.52970521
2.40500083	1.00E-04	0.50419635	1.00E-04	0.18255603	1.00E-04	1.1787663
3.66755614	3.50492392	4.6217438	4.1875909	3.57909177	2.9989103	3.98915794
4.60119174	2.84929096	3.16084497	2.76175842	3.10457432	3.44827027	3.51483616
3.03978419	0.8339972	0.83913108	1.67979364	2.74345483	2.18850162	2.64805619
1.38790362	1.75168942	1.07982143	0.82286895	0.85500436	1.00E-04	1.00E-04
3.54304454	3.21230155	4.57832276	4.0914596	3.72894582	3.07024722	3.80056459
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3.37615765	1.63673082	2.98560544	3.05036966	3.54856095	2.43906767	2.19593536
5.91479704	4.20948537	4.85710177	4.77577678	4.62612238	6.35235664	6.49432352
4.27118286	3.7617837	4.7515288	4.22967656	3.83982376	5.15583037	4.77340379
0.45127971	1.00E-04	1.36434411	1.28477281	0.59964693	0.72869785	1.00E-04
4.29625466	3.81752159	4.39621178	3.86176726	4.2541958	4.65331848	4.60426047
1.74074759	0.87612072	2.12080729	1.70446071	1.56021153	1.74928313	1.44295457
2.99268393	1.00E-04	0.97707056	0.83602616	1.21248939	1.00E-04	1.00E-04
4.99015692	3.25693387	3.79413488	4.07937325	4.25682923	2.8965098	3.32237784

2.01448573	3.72063559	4.63900051	3.83486887	4.0911404	1.00952146	2.14944401
1.00E-04	1.00E-04	0.2027698	0.58468919	0.54766077	1.00E-04	1.00E-04
3.76307074	3.17930955	4.06603745	4.65219357	4.14081461	3.14188386	3.64744909
3.70638003	1.71945146	3.63479089	3.67573781	3.61808306	3.29574515	3.69486126
2.07653512	2.84894967	4.32266872	4.18700657	4.45285567	2.00115747	1.44835783
6.25882779	1.00E-04	2.61867476	1.10741997	2.69385762	5.95706149	6.13706966
1.00E-04	1.19089243	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.07540076	1.00E-04	2.33793338	2.89178745	3.0892307	2.99680716	3.29335063
1.00E-04	0.68407235	1.11802904	0.3531896	0.25117958	1.00E-04	1.54391513
1.00E-04	1.00E-04	0.21913903	1.00E-04	0.19143586	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.14450767	2.74308841	3.88566446	4.04945075	3.74495885	4.14524792	4.06267886
4.14838052	3.05677519	4.39407197	3.84779702	3.71564089	3.89225379	4.51688647
1.35244362	1.21769093	2.15342832	2.16814693	1.67805521	0.93702359	1.00E-04
1.00E-04	1.00E-04	0.30601287	1.00E-04	0.44933326	1.00E-04	0.84167817
1.00E-04	1.00E-04	0.83195417	2.101922	1.99016728	1.00E-04	1.00E-04
4.06199043	1.309432	2.85754823	3.32365522	3.13579494	2.83802668	3.03913904
0.76820624	1.76522976	2.5811349	2.72798797	3.12883684	0.83083207	1.00E-04
3.16754779	2.94307158	3.9218305	3.37301515	3.15669714	2.9503652	3.54549721
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65134729	1.28246279	1.97967633	1.76303068	1.45693593	1.14323729	1.00E-04
0.06336707	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71150597	1.00E-04	1.62582947	1.56344396	1.03353346	2.34753705	2.01465649
2.69707709	1.15872716	1.73470846	2.00898508	2.6086643	2.56886243	1.80558833
1.94201782	1.37137101	1.72276101	1.76788832	2.49478213	1.60007999	1.71732655
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16437031	3.0774837	4.23437244	4.10269027	4.11137004	1.00E-04	1.24058926
3.40406582	1.50712688	3.50304907	3.89968736	3.82993123	3.31666874	3.43946366
3.1472487	0.69779233	2.85284915	2.60065976	2.77103291	2.73124992	3.14265571
0.99023112	4.24175672	4.94921211	4.26977173	4.35514414	2.32526733	1.09929142
3.49875574	1.00E-04	2.43430687	2.49224444	2.21465059	3.28590121	2.66615779
4.51286516	3.59464935	4.12961535	3.77303887	4.09784507	4.61896073	4.10713319
3.29535178	2.52440836	4.07878612	4.40349627	4.39834291	1.91194927	3.27682196
3.81900018	3.85384866	4.16784397	4.40200081	4.53561358	3.76799622	4.03167928
3.50306661	3.47012541	3.53716331	3.19738855	3.85462596	3.53276627	4.13739675
4.73674503	4.83881273	4.87549898	4.44165358	4.36321294	5.02132577	5.18741035
3.16805736	3.37552778	3.45989917	3.73881377	3.80755513	4.77175889	5.75954995
0.70094484	1.00E-04	1.86753064	0.67200679	1.18775778	0.92751185	1.00E-04
4.26790828	3.11704326	4.26698667	3.93117791	3.66941897	4.49797131	4.64420337
3.45928171	2.51748359	3.56334364	3.2773892	3.39772593	3.07102639	3.48940764
1.00E-04	1.00E-04	0.88111956	0.46042216	0.47182826	1.00E-04	1.00E-04
4.42428206	2.45483475	3.4547258	3.468	3.5962542	4.13622478	4.21918007
4.86647443	3.17644187	3.92359463	3.73900997	3.95505154	4.94590823	4.98038339

2.4763543	1.00E-04	1.69349807	1.26459886	1.86178553	2.22752176	2.17361569
5.8790107	4.31703783	4.82819271	4.70893634	4.71500178	5.8841967	5.90385211
2.85323982	2.30946956	3.01563537	2.86895356	2.83536819	2.99019346	0.9075813
5.14213984	3.93028405	5.04569226	4.55921347	4.7300978	5.29422346	5.51104736
6.32753971	5.44738187	5.91706427	5.53663816	5.51026478	6.41358113	6.40407021
4.32548168	3.14544997	3.74877888	3.24524812	3.8902069	4.18132983	4.50329533
5.93983629	2.9684891	4.15589255	3.93954342	4.04092174	5.36388881	5.7420467
5.43448128	3.90630436	4.54509936	3.96231098	4.41450011	4.91794119	4.60918531
3.94018716	1.93820263	3.53425204	3.90109655	3.66865523	2.98041833	3.03382271
3.99887485	4.46537115	4.81280712	4.46886136	4.62149164	4.13727877	4.5032303
4.6005838	4.11347867	4.56720152	4.24933728	4.46479497	4.75037522	4.80006016
4.70843968	2.6601678	4.36271055	4.11596475	3.83324657	4.81959694	5.36940437
4.92017498	4.20054372	5.06358988	4.81222318	4.71980963	4.62807087	4.89529389
0.39750534	3.33216174	4.13904553	3.5538588	3.21960011	2.30783479	2.13561748
4.10583758	3.05207542	3.74520321	3.34784991	3.67257972	3.42607817	3.69938724
3.41529677	1.51701672	2.58281321	2.6252143	3.0351983	3.52320774	3.27469212
4.68960653	4.81463417	5.02015931	4.8777748	4.6884674	4.8547636	4.82230106
4.34299284	3.19148978	4.48285627	3.84454815	4.24665563	4.76224535	4.8994269
5.59930134	4.83619224	5.55028906	5.07800015	5.1005462	5.96619549	5.89960077
2.96073546	0.68407235	1.88756081	2.10907278	2.77530433	2.16444188	3.03058564
3.78576716	3.26373772	3.19743083	3.6751101	4.31631451	3.29263974	3.4476199
0.75191635	1.44595569	1.12520527	0.72250064	1.70005562	1.05970842	0.55712436
4.4552347	3.47042721	3.84127108	2.90613672	3.51819713	3.75768899	4.30725841
3.71051541	1.54550408	2.96307421	2.27600926	2.97300136	3.78489205	3.41265113
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10372144	1.00E-04	1.00E-04
3.23608993	3.21351673	1.80368602	2.92469203	3.15184612	1.95005655	2.77983656
4.04425534	1.87349476	3.21149712	2.87519661	3.29002388	3.80618906	3.31415642
3.39623808	1.59076705	2.09747147	2.49717013	2.31017121	2.53229252	3.08015467
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62680879	1.16296659	2.27989356	1.93685839	2.48619251	2.34647499	2.39671637
2.45951141	1.37265105	1.86469183	2.82628139	2.72213325	1.56823263	1.34979914
5.29371337	1.80630883	3.08742241	2.91390772	3.16707708	3.25710808	3.60782312
2.45432474	1.309432	2.57578775	2.43648039	2.90245164	3.7202362	3.88548771
2.10031	1.9303025	2.64521763	2.25537665	2.2198969	1.00E-04	0.55712436
2.76701379	1.00E-04	1.27761968	1.14820399	2.1641172	1.25587761	2.7540216
2.65693836	1.54977076	2.72670739	2.63650325	1.85074104	2.7734748	3.32348988
1.00E-04	1.00E-04	0.55673248	0.49196697	0.36925482	1.00E-04	1.00E-04
4.54156026	2.63054267	3.67232951	4.1496898	3.98422736	1.30602804	2.44826639
2.12279639	2.43691152	2.09985692	2.2478155	2.31486548	1.67174759	2.89407289
3.5690435	2.50588435	3.21380483	2.99996037	2.67304848	4.16568393	4.03977894
2.1561016	1.00E-04	1.48132354	0.47834449	0.93053278	2.31292313	2.81710197
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11344173	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13820197	1.00E-04	1.00E-04

2.69578189	1.91952367	2.47932511	2.26773128	1.80194245	2.72008588	3.02620509
0.42220338	3.09891886	3.28822788	2.8332428	2.26527032	1.42258928	1.00E-04
5.63264439	4.20070571	4.83858851	4.6273865	4.70381826	5.15720206	5.45406814
3.01704399	1.00E-04	2.44294631	1.73865071	1.91658431	2.51586508	3.14006856
1.00E-04	1.97586886	2.52901786	2.41140134	2.62950059	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.10953612	0.47556164	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.20588657	0.25490387	0.26632723	1.00E-04	1.00E-04
1.41088732	1.00E-04	0.20596254	1.00E-04	1.00E-04	1.50558918	0.93074312
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.70244142	4.9245671	5.76811787	6.26671399	6.13345662	2.17174242	3.51105145
1.88584298	1.82763866	3.33881642	3.86950869	3.86803605	1.94871254	0.49725191
3.7216693	2.25354751	3.16801475	3.82002289	4.16725119	2.66999338	2.85153131
2.78191505	2.9914105	2.58637722	3.15596242	3.25620042	1.00E-04	1.79427644
4.83404613	4.12408703	5.48596888	6.19253384	5.9821213	2.50640087	3.97609728
4.25854529	4.62123321	5.34251155	5.96470249	5.87750683	3.17640068	4.50270215
1.8001919	1.00E-04	1.91627297	1.79216156	1.98541538	2.1851875	2.62014281
3.57673435	3.05069304	3.6174612	4.12652215	3.84829174	2.92818533	2.14513353
1.89225124	0.8358776	0.43586475	0.81622716	1.23768969	1.7834015	1.63750031
2.46580778	1.00E-04	1.41723635	1.81376262	1.47137591	1.00E-04	2.20608843
3.00419802	2.09749587	2.66653812	3.46551891	3.17193829	1.77058695	2.5906244
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.16733802	1.31921957	3.38402748	3.01106184	3.003568	5.00584901	5.10403821
3.40487639	2.92745948	3.99455227	3.96560465	3.72719673	4.16027292	4.26800067
5.90499294	3.11673926	3.58875647	3.62281398	3.96968383	6.75027101	6.65545861
0.58360326	1.00E-04	0.15404675	1.00E-04	1.00E-04	0.88297287	1.00E-04
1.23060678	1.00E-04	1.22213196	1.63313069	0.8537495	1.23920267	3.2672064
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42998429	1.00E-04	0.20652611	1.55689253	0.15169238	1.00E-04	1.5595514
1.45364688	1.00E-04	0.31711186	0.52245035	0.46928715	1.00E-04	1.00E-04
1.4652497	2.14919497	2.24928213	1.92773037	2.62904657	1.59661034	1.00E-04
2.22676173	1.00E-04	1.61675625	1.11158882	1.79660355	1.79030992	1.15573112
2.40384349	1.9144385	1.79824525	1.41759323	2.91306543	2.11731368	2.61971637
4.54866973	2.74554797	4.34673316	3.94881462	4.32523885	5.17361045	5.28450279
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.43284665	3.54541921	3.43739405	3.0318088	2.81083871	3.81312439	4.17282277
3.67127096	2.73503379	3.92170055	3.5628509	3.69887716	4.06403477	3.58112504
0.40615413	2.12960602	3.2269636	2.62461286	2.5058227	1.00E-04	1.00E-04
2.54476344	2.69318409	2.9761535	2.62031494	3.20998277	1.97391646	1.95656408
1.73991475	1.00E-04	1.80688837	1.52135756	1.92404625	1.88801391	3.10974032
3.15427956	0.79637057	2.57162564	2.66517432	2.77939694	2.70476593	2.55075191
4.63420478	2.17207406	3.79541484	3.74808495	3.82715025	5.17220184	5.12662286
4.21401318	3.47779679	3.95203803	3.61547934	3.83112415	3.70337192	4.15027635

4.77740602	4.8081156	4.29461047	4.0611823	4.31066361	5.32463311	5.19993936
0.59088217	1.00E-04	1.05361061	0.42827315	0.53059685	1.00E-04	1.00E-04
4.44676966	4.12583183	5.12299662	5.15986441	5.1275923	4.07600836	4.29966648
1.71683514	2.97909702	3.03768964	2.66465779	2.03579964	3.35551884	1.95065277
3.98375308	4.29184746	4.22236649	3.78860924	3.93916019	4.23595925	4.66510082
3.71614384	3.51166126	4.29717937	4.17778358	4.19802306	3.20116534	3.27191226
5.49046694	4.26902199	4.92600765	4.5563794	4.53361283	5.03378561	5.76273612
6.61211311	1.00E-04	3.65043552	3.024108	3.96988406	6.62288304	6.71006215
3.75387109	2.19997138	2.98533378	2.58869295	2.41789159	1.97487018	2.98593469
5.32572472	4.15682349	5.31159582	4.47426606	4.7151332	4.84374476	4.80589786
0.39766919	1.00E-04	0.96826115	0.43058097	0.32656772	1.00E-04	1.00E-04
3.84223361	2.71162713	4.59866796	4.00897817	4.49953994	6.80300733	7.13689355
1.82293305	2.85762423	3.94544498	3.44918515	3.68476987	3.04441979	3.41950454
2.37897035	2.91856331	2.26561258	2.42670318	2.92655023	5.80575626	6.01712707
3.73247291	2.11031576	3.72234552	4.01593026	4.21993052	2.96596564	3.9223914
1.91998398	3.97548507	4.17559443	3.65665926	3.69040268	3.4662594	3.47783394
3.29635161	1.00E-04	2.08159972	1.95635248	2.72807676	3.39612649	3.43763401
4.52794161	1.80664763	3.75241052	3.22647106	3.3375947	3.6194935	4.00920729
5.1749865	3.10456889	3.58314628	3.57204266	3.52824289	4.62368838	4.71310896
5.12834224	3.79692454	4.70121623	4.78760589	4.86620775	5.18969604	5.36660885
2.23353058	1.00E-04	1.57231271	1.0370102	1.89189318	1.00E-04	1.60572378
1.00E-04	1.00E-04	0.08746931	0.89413183	0.46932174	1.00E-04	1.00E-04
4.08367973	5.32438084	5.66076097	4.73908068	4.92582926	4.83515933	4.72293203
3.457499	1.65399827	2.77304834	3.04685841	3.1142939	3.02101541	3.29803306
3.4060611	2.55592599	2.76428999	2.97839802	2.59724389	3.43164655	2.98947678
4.3694677	3.17253095	3.88903801	3.835138	4.01556502	5.47321465	5.52819963
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44273395	0.72877389	0.34389511	0.71691426	2.69682295	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.44327755	1.00E-04	1.39170402	1.00E-04	1.24174256	1.00E-04	1.00E-04
3.92998133	2.90221779	3.3647168	3.64171247	3.63272742	3.06294227	3.13859466
4.30890345	2.77558049	3.94692068	4.3698899	3.99029803	4.37715644	4.17387855
4.52309259	3.68468327	4.59894409	4.25603298	4.18286144	4.36541662	4.54165674
2.14932993	0.87612072	2.74110187	2.52315269	2.92681568	1.16831277	2.40085692
1.92207223	0.87456952	2.41464654	2.42026383	1.63022269	1.42723912	1.89973859
3.59993153	2.43875996	3.49076008	3.2238707	3.4992071	3.53635352	3.84759056
1.00E-04	0.8339972	1.00E-04	0.1409084	1.00E-04	1.00E-04	1.00E-04
3.21004678	1.73155995	3.16627034	2.93990394	3.09283763	4.63065074	4.56464973
3.51444795	2.37709017	3.99397816	4.12438792	3.98270809	2.87613495	3.28448388
1.00E-04	1.00E-04	0.43861786	0.41505077	0.38743723	1.00E-04	1.00E-04
2.32647009	0.7902481	2.27362978	2.83018642	3.03339313	1.30530732	1.00E-04
1.30615078	1.00E-04	1.24363013	0.92799349	1.59396083	1.00E-04	1.79226747
2.02565844	0.68407235	1.09492816	1.38318846	2.35568309	1.103099	1.01208735

1.00E-04	1.30959702	2.78246163	2.41140486	2.50409321	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10702905	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.16949462	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11299645	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81210039	4.46514233	5.17959273	4.63571818	4.35888667	1.00E-04	1.90112667
1.00E-04	1.00E-04	1.12541057	1.34242204	1.42550512	1.00E-04	1.00E-04
3.99950433	2.6604904	3.87767747	3.60998371	3.35872612	4.05216395	3.97548051
4.32510077	3.25484505	4.20242549	4.37448842	4.58232517	2.73678595	2.98582429
2.61777056	3.06717273	2.27605137	1.73599921	2.22342402	2.34145759	2.31494043
0.28683434	2.45156312	3.53009737	2.60653124	2.23299526	1.00E-04	1.00E-04
0.81875321	2.19691239	3.08245448	2.49584219	2.57677669	0.95102466	1.00E-04
1.36092081	0.71640521	1.22836438	0.51629055	0.70039064	1.00E-04	1.00E-04
1.25492949	1.00E-04	0.17948305	0.22211318	0.26686137	1.00E-04	1.00E-04
1.86355915	1.00E-04	1.93564835	0.99463326	1.08314483	2.07866623	1.79161664
3.37115411	1.78592355	3.095618	3.43477335	2.98474513	2.48091556	3.77410375
2.74849289	1.25845589	2.84242521	2.88934751	3.3255846	1.72495033	2.89437004
3.16778159	2.14736667	3.10298678	2.04214886	2.51819377	3.57957175	3.3915426
3.10526968	3.51980362	3.60507782	3.61401127	3.82406626	2.46275622	2.72757391
2.67465885	2.78352827	2.44004458	3.44722392	2.91432235	1.34975025	2.5402087
4.6497011	3.45607637	4.01023015	4.06469	4.14574779	4.67580516	4.49653502
3.56087047	2.19561483	2.84859175	2.46099706	3.01083433	3.05174433	3.46626972
3.11780593	3.73256776	3.13048349	3.29972911	2.9275966	2.15261983	2.04118817
5.27333793	3.78881266	4.91388161	4.86935314	5.03426603	4.64456341	5.11661079
2.40781035	1.3386578	3.21888993	2.93544719	2.73744825	1.86943335	2.50163995
5.42378202	4.20973577	5.08959721	4.98728629	5.10844815	5.47583428	5.48895314
4.77728419	2.52745371	4.16199083	3.92658028	4.05721187	4.42366819	4.71707835
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.41625565	0.11808269	0.09814195	1.00E-04	1.22245167
2.45567652	1.59362298	2.57819402	3.08178466	2.89323313	2.06114851	1.7109278
3.15031503	1.2795411	1.70173902	2.84413648	2.81427025	1.31947418	2.58769662
3.12163458	1.53661928	3.32034845	3.81951961	3.47836167	3.48849079	3.40066718
4.57683633	3.52762217	3.82041147	3.54118849	3.70871526	4.11092022	4.44106122
1.22750534	1.00E-04	0.55129011	0.25234403	0.59720373	1.30602804	0.97863975
3.45440315	1.18053057	2.77536943	2.40908695	2.56005632	3.78567974	3.11399953
4.93781152	3.14919368	4.79046521	5.22220382	5.08661249	2.87455094	3.67188168
2.6594481	0.92068596	1.96131197	1.42096421	2.21696583	2.55167634	1.22714926
5.00421436	4.63412455	5.11376264	4.61410006	4.77392446	4.55762854	5.0424068
0.36080074	1.70904968	3.15178166	3.2088482	3.34245763	1.00E-04	0.72495184
1.00E-04	0.87612072	2.71251158	2.89178461	3.02611984	1.00E-04	1.00E-04
0.23374008	1.00E-04	0.28618446	0.45344524	0.47126998	1.00E-04	1.00E-04
0.62385797	1.3348453	3.06082026	3.54998775	2.9389312	1.00E-04	1.00E-04
0.19336288	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.21003063	1.00E-04	0.22670267	0.19817395	0.30385919	0.72869785	1.00E-04
1.00E-04	1.00E-04	0.2571523	0.69899886	0.12233227	1.00E-04	1.00E-04
0.2528596	3.43942101	5.00252146	4.73305138	4.86333248	1.03647332	1.00E-04
2.75119392	1.33582455	2.81728227	2.18627151	2.31114813	1.93199655	2.91336818
1.25242617	1.93714143	2.77249352	3.45332786	3.33058263	0.84497321	1.00E-04
0.60963312	1.12950432	1.83821837	2.01905192	1.54923348	1.00E-04	1.10457566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.84853839	2.43309648	2.71815807	2.4472776	2.90388772	3.26121555	3.49513649
1.98023916	1.54934281	2.98554835	2.92054066	2.6001634	3.78101894	4.10794986
2.55396976	3.02660214	3.21233839	3.68624984	3.27685042	3.06930496	2.89362667
3.0788423	1.94993386	2.99876966	3.24707915	2.68636257	2.96068103	2.85586678
3.64017127	1.19089243	3.37595416	3.49704371	3.39966463	2.85523719	3.43080353
5.08550149	3.9557039	4.80034738	4.25110757	4.44900155	5.90516349	5.87792359
5.85582881	4.83655462	5.47476945	5.20522159	5.25713202	5.92134149	6.26312358
1.72265559	1.00E-04	1.84011614	1.80925348	1.882628	1.00E-04	0.7040554
0.97953278	0.87612072	2.40649299	1.93000609	1.27963274	1.00E-04	1.33164339
0.68613061	0.69779233	2.26491972	2.09806119	1.79626476	1.00E-04	1.40124383
1.00E-04	1.00E-04	0.43338016	1.03815293	0.93270538	1.00E-04	1.00E-04
0.76225967	1.00E-04	0.99366005	0.3938703	0.48792679	1.00E-04	1.00E-04
0.22395133	1.00E-04	0.5430099	0.74648494	1.19869264	1.00E-04	1.00E-04
0.52111708	1.10823044	0.71206273	1.11996459	0.58436473	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11726188	1.00E-04	0.37564761	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.55705805	1.23586595	1.8555077	1.00E-04	1.00E-04
1.08371913	0.74506998	1.68699024	1.76066022	1.93999262	0.85260137	1.72285529
0.49206121	1.00E-04	0.08280154	1.91339829	0.29260223	1.48151685	1.00E-04
0.2196067	1.00E-04	0.29096786	0.2511768	1.00E-04	1.00E-04	1.00E-04
0.1343207	1.17896398	2.69212908	2.13940388	2.49199621	1.00E-04	1.00E-04
0.64948577	1.2101235	2.65834626	3.20544394	3.44553864	1.00E-04	1.00E-04
1.60843842	1.00E-04	0.18075612	0.08871613	0.3532894	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31048767	1.00E-04	0.75564134	1.00E-04	0.51961502	1.00E-04	2.15129727
0.86347126	1.00E-04	0.28514821	1.78868536	0.21428845	1.31443423	0.41275046
0.32635898	1.00E-04	1.00E-04	1.00E-04	0.11746998	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09863458	1.08793411	1.00E-04
1.02102482	0.87456952	1.69445977	1.9667494	1.66920539	1.43054211	1.18453576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.40045391	0.67220373	0.94183032	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17817781	1.00E-04	0.30487618	0.55672128	0.88937548	2.01757124	1.37916849
0.75357487	1.25855308	2.95021898	2.35846951	1.84432226	1.00E-04	1.00E-04
1.39171873	1.00E-04	1.00026274	0.22241901	0.61313072	1.86777463	1.45980639

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47119205	1.00E-04	0.07299269	1.00E-04	0.15169238	2.77711523	3.55205943
1.3956857	1.00E-04	1.0663051	0.81480206	0.87066388	0.83083207	0.83430531
0.85006639	1.00E-04	0.41682092	0.08223591	0.19143586	1.00E-04	1.00E-04
0.258347	0.74506998	0.61683581	1.00E-04	1.011187	1.00E-04	1.00E-04
0.09983193	1.00E-04	0.11897115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93141503	0.7902481	2.0382072	2.20827359	1.87995781	2.78030733	2.2920522
1.28480385	5.10665913	5.30128689	4.08089107	3.69803083	2.13230831	2.09341197
1.00E-04	1.00E-04	1.09682174	0.21760272	0.23013229	1.30602804	0.72495184
3.7645094	2.58803729	3.85440226	4.24175777	3.81888127	2.26575143	3.12267166
1.96668506	0.71640521	0.71208557	1.09973272	0.78289725	1.66728182	0.56264051
2.78257437	2.28623753	3.09724677	3.14178916	3.09703766	2.89695952	2.53855542
5.75304201	5.76587407	6.27869515	6.5323019	6.6991181	4.98426384	5.76110528
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6447257	1.00E-04	0.89561315	1.31185138	1.12736798	2.31906945	1.89014626
0.8400525	4.64017712	4.99243584	5.55912512	5.04418352	1.00E-04	1.47065192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3521302	1.00E-04	0.17638133	1.00E-04	1.00E-04
1.76516013	5.56397468	5.75238177	5.08647344	4.90270175	1.18075338	2.9198655
3.8543656	0.87456952	2.65053276	2.98294572	2.58603557	4.08821988	3.91045044
4.61052174	3.64657761	4.69409663	4.48270951	4.29133588	4.84838997	4.82941318
1.3666858	1.19051366	1.96376911	2.0277013	2.15417687	2.91979915	2.521747
3.69214666	2.85745181	4.48609298	5.09753086	4.83367192	1.82543522	1.02028349
4.55069043	3.87619913	4.58534077	4.75634916	4.64882682	4.87538171	4.75926258
2.51628065	1.15872716	2.4682776	2.56017468	2.45506789	2.770427	2.56176079
0.4697418	0.74506998	0.48795725	0.43848448	0.11946472	1.00E-04	1.00E-04
4.48191	3.47339623	4.45360393	4.47805267	4.55665295	4.20868712	4.8221009
4.66087447	3.89435247	4.3114197	4.77485545	4.5806236	3.57293046	3.65925538
4.37957794	2.56511372	4.25620195	4.57691058	4.51180309	3.03425444	3.79759726
4.26539278	3.6172063	4.39812092	4.85297504	4.40466169	3.32205649	3.59712273
4.33450239	1.98375032	3.88022065	4.14155375	4.10381595	3.39146974	3.90125606
4.52736798	2.58908449	4.56428614	4.4906431	4.95368194	3.78781154	4.05552592
5.23178374	3.41196916	4.98654561	5.74883415	5.39199902	4.38108351	4.63376666
0.75947817	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.09055109
4.72837802	3.4753499	4.55209478	4.87029595	4.99955422	3.57189339	3.74067479
3.66253455	0.87612072	3.24590872	3.2221601	3.52078272	2.3152233	3.16217484
3.32313675	2.04400594	3.58395337	4.06113063	3.28689624	3.12088346	3.44661799
4.08217191	2.49076233	3.58469037	3.96801852	3.891549	2.88431212	3.24414436
3.94296275	2.53089657	4.05650283	4.38544534	4.39055334	2.85755196	3.40854684
3.95842608	1.47371673	3.83574642	4.63425798	4.82146033	2.2076059	2.11585372
4.32389695	3.47312516	3.96533	4.69627622	4.44013908	1.90003127	3.29933467
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5.26682371	1.37137101	4.22751569	4.15730237	3.68549826	3.07418431	3.59170691
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3.43721876	1.86344153	3.56798099	3.84933496	3.48747816	2.52341649	3.10266515
3.19678616	2.76848444	3.55107911	3.94067861	3.32775129	2.54765438	2.81704962
2.34724704	0.71640521	2.24605591	1.9919947	2.39561084	1.00E-04	1.99100427
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3.71804814	3.58595805	4.0214357	4.43649853	4.35766101	3.18321131	3.08310379
3.87718577	3.67168491	3.49486533	3.228815	3.58379135	2.96039194	3.3338686
4.21685128	2.96949824	4.47078437	4.35834265	4.51702181	4.48520548	4.82423638
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3.90142703	3.11277121	3.96512	3.80820474	3.6709905	3.26266465	3.88051256
4.08977686	3.03684255	4.10519752	4.13576087	3.98047503	3.02727129	3.76952804
3.97896015	3.3541079	3.45939382	3.76040351	3.87852285	3.45640597	3.77078223
4.37891303	3.21918142	4.15741927	4.22813118	4.15363325	4.25179112	4.63258233
3.74219545	3.99677499	4.15077419	4.3530279	4.33535406	3.67019261	3.64541988
3.04180676	2.93604666	3.05130045	3.79639383	3.69091745	2.65476595	2.86722947
3.70255212	2.74476914	3.76586793	4.33329131	4.28864768	3.32940424	3.20403049
2.93435521	1.12769243	2.71035504	2.71245956	2.04765155	2.53480713	3.00315347
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3.93217945	3.57210094	4.01090864	4.09780076	4.10788694	3.25107118	2.78407525
4.10241678	3.20129933	3.57255496	4.09966605	4.20490123	2.92455259	3.13035043
3.26280894	1.86846431	3.74378384	4.0547546	4.14975322	2.94882509	2.47728591
5.08810582	2.5948658	3.91895431	4.53909851	4.14539415	3.72042661	4.07432717
4.2382287	3.52371185	4.20199521	4.44135974	4.0511737	2.61588012	3.40853351
2.90131127	2.00340092	2.94174302	3.14108164	3.60535048	2.81520227	3.12837353
4.72143631	3.50721339	4.61730393	4.2269504	4.59579122	5.2569244	5.31394205
3.46919986	1.9189086	3.28506	3.2264794	3.39025165	3.64315152	4.07861663
2.94980936	3.25631145	2.9294407	3.07198583	3.36359712	2.42147634	2.09489293
3.71886781	2.99377425	3.17524918	3.85649673	3.1682323	2.26649643	2.69693673
2.50542681	1.00E-04	2.74520517	2.52329526	2.70232383	1.00E-04	1.50629783
2.90731195	0.8358776	2.38858451	2.88952062	2.85048583	2.37200837	1.82863036
1.00E-04	0.7902481	1.00E-04	0.09393249	1.00E-04	1.00E-04	1.00E-04
5.47649399	4.87203787	5.27825231	4.59586849	4.62049644	5.36409671	5.68559037
3.41440617	2.10624624	3.82974429	3.37161289	3.91490092	2.4731814	2.97673951
0.59948247	1.00E-04	0.64298167	0.70237381	0.51798629	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.52155927	0.12694344	1.00E-04	1.00E-04
1.95174337	0.79637057	1.79476161	1.6585539	2.05566975	1.65909369	0.96655867
2.97494791	1.00E-04	1.02127143	0.14399149	1.43725027	3.85622757	3.97246931
1.92866114	2.16484396	2.8615883	3.21296443	2.87054267	2.04560794	1.63295427
3.3587959	2.82925298	3.51903777	3.68373255	3.67456216	2.63789511	1.61559489
4.15477735	1.74635654	3.24827416	2.89105151	3.12101455	4.06197411	4.34577588
3.91483838	2.73630312	3.62218687	3.92857126	4.08134265	3.00557066	3.96856399
4.93273898	4.17784493	4.27713472	4.06135474	4.02385753	5.31719831	5.50229063

5.67851267	4.81984481	5.371159	5.11799465	5.23966467	5.46162867	5.85891268
2.5795783	1.75942466	2.47326135	2.37474716	2.18102079	0.83873894	2.71204329
3.77626691	0.69779233	2.95473615	2.50152402	2.76835285	3.62023698	3.56606661
2.12485758	2.51478598	2.92221546	2.48720474	2.5343926	1.48634524	1.00E-04
2.07256009	0.87456952	2.91781737	2.89288033	2.44196193	1.06582712	1.13786198
0.47939622	1.00E-04	1.00E-04	0.55419833	1.00E-04	1.00E-04	1.00E-04
0.17576665	1.2795411	0.49995032	0.32432213	0.26637803	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17706812	0.13973645	1.00E-04	1.00E-04	1.00E-04
3.43823204	1.00E-04	0.91433291	1.00E-04	1.00E-04	1.30530732	1.00E-04
3.52489037	2.66769991	2.98377176	2.43356303	2.74084498	3.5562451	4.02458753
5.62628916	3.9874405	5.02962062	4.97857362	4.86201248	5.24897199	5.4555223
3.28038598	2.57937041	3.10793652	2.75377381	2.81775478	3.6673798	3.27628812
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35277275	1.00E-04	1.00E-04	1.00E-04	0.24194431	2.8840711	2.6356521
0.59263963	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.05497726	3.18509144	4.85789511	5.05303214	4.24599356	2.6597139	3.79312191
1.00E-04	0.74506998	0.56121494	0.11299645	0.17301519	1.00E-04	1.00E-04
0.38739319	1.00E-04	0.44233058	0.80793915	1.5285346	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.43256189	0.12223151	1.00E-04	4.49901273	4.24349182
3.91328437	2.84458908	3.81957602	4.21523255	3.78916479	3.96826306	3.9762773
1.00E-04	1.00E-04	0.2212703	0.07488174	1.00E-04	1.00E-04	0.97863975
2.0846634	0.72877389	2.99514695	3.34633894	2.70323356	1.74889532	1.27068262
5.20403594	4.87277866	5.73407588	5.87036493	5.79426839	4.89949137	5.10577602
1.00E-04	1.00E-04	1.8636125	2.81068015	1.54490558	1.00E-04	1.00E-04
0.53095861	1.00E-04	0.57717489	0.10087646	0.20931032	1.00E-04	1.00E-04
0.82185531	3.64621894	3.23092816	2.5657433	3.05374795	1.00E-04	0.62168103
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13390453	0.11701955	1.00E-04	1.00E-04	1.00E-04
1.56144001	2.1346122	2.82717751	3.1915887	2.78939463	1.00E-04	1.00E-04
1.30573703	1.00E-04	0.48835457	0.79681866	1.16791855	1.00E-04	1.00E-04
0.10913195	0.68407235	1.06155462	0.34264279	0.55152376	1.00E-04	1.7617773
1.3895081	1.00E-04	1.00E-04	0.3183402	0.12343101	0.88297287	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71640521	1.87645548	0.85934348	1.57141111	1.00E-04	1.00E-04
3.70363949	4.60508415	5.2730562	4.4132654	4.37887761	1.69353726	3.44952909
5.05676689	2.56798672	3.5519047	3.05557185	3.84800796	5.52474645	5.63246092
0.32348982	2.27931431	1.7188545	1.27094859	1.469904	2.27008558	2.05174286
2.67342526	2.09848935	2.86282393	2.77187186	2.3491955	3.193569	3.23077402
6.2408988	5.27256789	5.75943269	6.17492376	6.05462813	5.54267824	5.44922408
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.12047832	3.2874034	3.29889714	4.02848521	3.91225962	3.24910483	3.32510613
1.00E-04	1.00E-04	1.00E-04	0.57128379	1.5472172	1.00E-04	1.00E-04
2.65669484	3.05904219	3.65486292	4.02956608	3.6688645	2.13632129	2.90376613

4.31024324	3.6547081	4.23162922	4.22458545	4.26746042	4.04446523	4.21671476
5.28863797	4.60714066	4.70414471	5.00578765	4.96831879	4.36865232	4.61285451
2.25224711	1.00E-04	0.40986336	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.56173539	2.24457727	3.66537896	3.38841997	3.76889262	3.16911759	2.91289771
2.65043913	1.00E-04	2.86623634	2.36404555	2.97269483	3.06491262	2.31445662
3.78028238	2.16350802	3.55538806	3.92749248	4.06349207	2.42727575	3.29968292
5.39531577	3.73888362	4.6154287	4.44163657	4.45060938	5.03583217	5.57322163
4.2684612	2.60022301	4.14447844	3.74718909	4.03679763	4.12841344	4.57311348
4.52397188	3.99447062	4.88241097	4.81095943	4.9067281	4.81467529	5.42520147
2.01314393	5.24007664	5.88984318	5.25591235	5.10045099	3.50488134	2.87659462
1.58497131	3.64447493	4.44645683	3.59872359	3.60282751	1.48634524	1.39410114
3.16432547	1.44608847	2.91846632	3.23171363	2.99599763	2.18718194	2.84726448
4.95082894	4.89261992	4.6646021	4.13486312	4.27271279	4.71859982	5.21153489
1.00E-04	1.33386508	2.50700682	1.84052554	2.24694942	1.00E-04	1.00E-04
0.08716682	1.5727299	3.35867911	2.67691965	2.51447455	1.00E-04	1.00E-04
4.80908659	3.6538823	2.08788816	2.32161842	3.08145525	5.51671087	5.8531003
3.54920484	2.55686399	3.15899549	2.92322073	2.73672995	3.5504251	3.99000988
0.60026133	3.56699413	4.70995385	4.08581753	4.1208471	1.00E-04	1.00E-04
4.14763792	4.18577876	4.85946484	4.2917069	4.32615268	5.62180274	5.55648335
1.00E-04	1.00E-04	0.07655967	1.00E-04	0.08916315	1.00E-04	1.00E-04
4.99095131	2.61573177	3.93838689	4.0447448	4.11765914	3.42744488	3.71970093
3.29795967	1.00E-04	1.09845982	0.48771763	1.77132178	3.32959903	3.8878786
4.8803671	3.66980735	4.44225568	4.16129264	4.35744942	5.13468148	5.27701236
5.24947651	4.13336417	5.12323371	4.78840742	4.70608492	5.77576387	5.82268654
0.9974234	1.00E-04	0.25574434	0.57217064	0.69193868	1.08793411	1.54226431
6.97174634	6.42249899	5.77494586	6.25687366	6.38830046	7.32216506	7.42944779
4.44225694	0.92068596	1.23821074	1.27379691	1.77304382	3.22143963	3.15790438
1.24964312	1.00E-04	1.008264	1.50904051	0.83987389	1.19220022	1.00E-04
3.54717279	1.93507981	1.45449873	1.63547073	2.21296281	2.66575646	2.95493432
1.44198243	3.85020631	4.37161854	4.1622323	4.07549602	1.00E-04	0.72495184
3.57087139	1.08649412	2.78461194	2.18719159	2.81721226	1.00E-04	1.40177357
1.00E-04	2.01219878	1.87373425	1.23052576	0.99758121	1.00E-04	1.00E-04
6.24981709	3.95072662	4.77925421	4.57473876	4.74452746	4.74748257	5.2738618
3.44115471	4.9890125	5.6546053	4.81482172	4.92130088	2.02540651	1.68609738
1.60166229	3.91410831	4.75351632	3.92371311	3.76545065	4.22645774	3.11713573
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54106164	1.00E-04	1.00E-04
1.23247433	3.23006616	4.07294636	3.11226572	3.39744188	1.12755498	1.24011905
1.63790118	2.27801923	1.24475837	1.59624717	1.34364398	1.12755498	1.86167359
1.00E-04	3.07828387	0.32956659	1.00E-04	0.1685492	0.68203783	1.00E-04
0.26429471	1.00E-04	0.34823062	0.20942868	1.28931773	1.00E-04	1.00E-04
4.46129073	1.00E-04	0.94903194	1.67286786	1.32584693	1.39885208	0.68773152
1.47743616	3.69252197	0.74929025	1.22870629	0.7136758	2.11971308	1.00E-04
0.0746918	2.90458899	3.76488063	3.22503981	3.68310006	1.00E-04	1.00E-04

1.00E-04	4.32994952	4.45877883	4.40553024	4.11884456	1.00E-04	1.18453576
2.7239992	1.00E-04	2.00533821	2.35716173	2.09330359	1.62562193	1.65208329
3.32749915	1.54789829	2.45849433	2.84126998	2.70185737	3.07792463	2.74554782
3.54637139	2.9424581	3.07027087	3.84942287	3.57550909	0.95637875	0.99419888
2.37721656	1.00E-04	2.24028216	2.98877237	3.12016509	2.55961735	2.75842878
1.41602055	1.00E-04	1.09319014	1.9465935	2.33872136	1.00E-04	1.00E-04
4.0722053	3.68628134	4.37262351	4.63632519	4.15310749	3.16687502	3.20816559
1.68007501	1.00E-04	1.08075831	0.32375495	0.33934485	1.61905903	1.00E-04
1.00E-04	1.00E-04	0.32229715	1.02459523	1.00E-04	1.00E-04	1.00E-04
1.1555047	1.83023348	1.17030715	1.05583693	1.12837951	1.00E-04	1.20154241
3.54874763	3.01228392	3.87270555	3.16711465	3.34096025	3.75074923	3.42335639
3.4474375	2.51898207	3.41809454	3.79473242	3.97986786	2.41828295	3.07453073
5.47224032	4.36880449	5.41011631	4.90832711	5.12362285	5.61547535	5.88566398
5.65952312	4.29651701	5.23052357	4.86964824	5.07069633	6.15700528	6.01992568
3.66021673	0.74506998	3.11086047	2.87220583	2.96138075	3.64343197	4.04402403
3.80465601	3.12879467	3.50407754	3.49147789	3.35746813	3.96950022	4.22125436
0.06765176	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.90085677	1.79429168	2.61611872	2.2760825	2.56915896	2.79422361	3.22799339
4.05436086	2.71864489	4.35341255	3.81639539	4.21109405	3.77352011	4.09359581
2.29457137	2.99988569	1.80093408	1.96730603	1.33900631	1.00E-04	1.84810893
3.75395694	1.22771662	2.94895037	2.05292182	2.6591709	4.39948237	3.77510379
2.54036937	1.53515625	2.80686066	2.53165847	2.32015598	3.20392597	2.1557247
1.00E-04	1.00E-04	0.68261782	0.26021249	0.57780835	0.68203783	0.7214142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29828557	1.49077582	2.03086575	1.76696597	1.79104832	1.00E-04	0.63328605
2.34813884	1.00E-04	1.00E-04	1.00E-04	0.28364467	1.87819241	1.32568218
3.84236794	2.62296429	3.20749088	3.63454704	3.37565004	3.66886936	2.97827612
2.41715271	2.96502581	2.43341881	2.58938315	2.60507943	2.47255463	2.69116112
4.13174894	3.46938055	4.15978487	3.82250111	3.61086794	4.61195348	4.09572939
1.52095755	2.58029102	2.97435174	2.84106745	2.74993149	1.18075338	1.32477253
3.03116249	2.51108248	3.23598446	3.5683389	3.14653452	3.04919042	2.55976071
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.45343448	2.24714444	2.55707368	2.72091063	2.80179654	2.08575403	1.91178569
2.59258011	1.00E-04	1.8241972	1.76905686	2.06771388	1.65891117	0.97200357
1.40896668	0.87612072	1.31123187	0.41766879	1.07327738	1.15746526	1.26691255
5.31230497	4.12385068	5.22150366	4.77983826	4.77195435	4.39069013	4.38849167
2.47405249	1.61252194	1.74449515	2.28656128	1.93328443	0.9559646	1.69960324
2.98584229	1.46000926	2.28649425	3.21247614	2.78097704	2.15799939	1.91906088
1.86123111	2.75956667	3.46996291	3.18812132	2.83466662	4.23405578	3.76738144
1.00E-04	1.00E-04	0.16549647	0.15450124	1.00E-04	1.00E-04	1.00E-04
0.64511204	1.00E-04	0.71326906	0.64008402	1.12693946	3.01921923	3.20535221
4.11939017	1.94336407	4.03266616	5.06576297	4.95505948	2.26238503	3.17930119
1.23710276	1.00E-04	0.18410464	0.11701955	1.00E-04	0.82693741	1.57982693

1.25420522	2.78409146	1.12861941	0.96717481	0.95005432	1.72940334	1.80618808
1.77332962	1.00E-04	1.18800176	1.25925176	2.22189309	2.15019615	0.79505536
1.00E-04	1.00E-04	0.08765397	0.10087646	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.02884712	2.07422931	3.31556205	3.1499171	3.09676297	3.67430451	3.00530901
2.49725578	3.24654852	4.00377053	4.14148058	4.44678404	2.26957412	1.8579639
1.2605975	1.53917348	1.13682812	0.8688345	1.05082198	2.02959539	1.39686577
0.53095861	1.00E-04	2.29299046	1.58356878	2.4333101	1.00E-04	1.00E-04
2.09562475	0.8339972	1.8609382	2.00074866	2.79484984	2.02065143	2.92822445
4.07860262	1.00E-04	0.37062002	1.14667061	0.6799665	3.96123703	3.99613272
2.71111029	0.79637057	2.61015044	2.76062222	2.42461872	2.17468186	2.2524353
3.23640471	1.00E-04	3.00105874	2.53317997	3.1133433	2.55679149	2.22119082
3.40593442	1.00E-04	1.23391518	1.18813207	1.93456045	3.07744848	2.21268579
0.43201826	1.00E-04	1.00E-04	1.43487357	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18582065	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.93012087	1.69323529	3.54948698	4.17904764	3.80323394	3.27805832	3.10084739
2.60261316	1.47371673	2.33505613	2.7588353	2.85787936	2.00538054	2.31089497
5.56771062	5.55662451	6.05303329	5.82348285	5.7674497	5.65421149	5.79277165
0.73325411	1.00E-04	1.10115749	0.20051564	1.77135308	1.00E-04	0.35134699
2.49504374	1.00E-04	2.11454854	1.42367311	1.84676115	2.11001995	2.26362308
1.08343165	1.00E-04	1.72592812	2.24511321	3.68300925	1.75559411	1.19342287
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14454473	1.00E-04	1.00E-04	1.00E-04
4.70686067	3.86000428	3.89415915	3.69549853	3.83070043	4.72733012	4.82472715
1.24837716	1.28472534	1.18045581	1.0431406	0.49870562	1.56010985	2.26948735
3.7749159	2.00075177	2.54313666	2.59807554	2.04405713	2.80226999	2.16890077
3.65661103	3.71364582	3.77777384	3.3597006	3.74882586	3.82068113	4.12395807
3.39879228	3.63950064	3.97992842	3.61219951	4.01979681	3.15758074	4.28184163
4.32025404	2.51043065	3.63332542	2.6974688	2.85509171	3.02505669	3.29234347
2.24616702	2.95416327	2.00675793	2.46683812	2.0142586	1.80788895	2.26592368
2.46687587	2.33293767	2.4444188	2.1665112	1.97045114	2.63461407	2.28630168
1.83708532	1.48618248	2.28468563	2.87273437	2.45414181	1.38927927	0.316869
4.23232222	3.35317667	4.31890003	4.02481808	3.90382504	4.35198573	4.2876287
4.85393183	4.39716493	4.18693583	4.10386586	3.83665816	4.69578351	5.07020572
5.67326087	4.05575137	5.20698702	4.83701038	5.03378467	5.45280613	5.7091534
3.23290406	3.29633602	3.06593619	3.04081193	2.89076389	3.19919566	2.9228893
1.00E-04	1.00E-04	0.06767845	1.00E-04	0.14455498	1.00E-04	1.00E-04
5.31904257	4.13173751	5.20508501	5.06069691	5.10742608	4.78829893	5.13642473
3.65516006	2.27790571	4.07587433	4.76873478	4.66573358	2.82224529	2.47077643
2.77295944	2.39861467	3.13092127	3.01865664	3.41128409	2.19411912	2.8531083
5.09244977	6.04090153	6.18360704	5.78460166	5.64081871	4.93603538	5.33358482
3.70307023	2.38230826	3.18617168	2.55762447	2.86221541	3.56493468	3.47196885
3.90477361	3.23373018	3.61133902	3.1063196	3.11930407	3.71369638	3.88260597

2.7870526	1.61087376	2.79570416	2.52299452	2.6826197	1.71037726	3.17738394
0.80937358	1.2795411	1.42858433	1.7133025	1.86187955	1.00E-04	1.12396442
3.53442173	3.25369217	3.2702811	3.14472598	3.11311256	3.36930346	3.80964055
3.29308988	3.14563045	3.87660766	4.75523271	4.76814275	2.19131931	2.12574176
4.70077719	2.91226676	4.55753062	4.8762782	4.74641399	4.31689839	4.83831112
2.96905738	1.00E-04	1.04621709	0.82532796	1.41360423	1.43564554	2.49877282
1.00E-04	1.96483914	2.32102832	1.3103735	1.54858076	1.00E-04	1.00E-04
4.21882837	2.39142122	3.86874404	3.98156785	4.27919862	3.9355255	4.295626
0.25224736	1.00E-04	1.03976504	0.48721072	0.30756917	1.00E-04	1.00E-04
4.94657383	3.4430634	4.57306991	4.71986567	4.64760578	4.98493459	5.16703443
3.49414686	3.35507709	3.37243744	3.4681247	3.68506811	2.23730786	3.06945452
2.7960905	2.0792182	4.00799344	4.02399364	3.91646472	1.00E-04	1.51398777
4.3927153	1.82735701	3.38130047	3.26553213	3.5025686	4.39505593	4.11380878
3.87154819	2.65173708	3.82610269	3.58587148	3.93193822	3.98483635	4.01520246
1.67025301	1.28620973	2.84240768	2.27876815	1.90563155	1.00E-04	1.96142599
3.25605364	0.69779233	2.46059552	3.14992991	3.19163661	2.62610849	1.36286494
0.43201826	1.00E-04	3.46856932	3.61663748	3.48956556	1.00E-04	1.00E-04
0.65971777	1.00E-04	0.08971332	0.6890732	0.56121898	1.00E-04	1.00E-04
3.87857628	3.3563051	3.67804205	3.35997119	2.79273868	5.05994784	4.99882343
2.0410318	3.81968021	3.3558155	3.366318	3.18940728	3.419599	3.5096326
3.87654606	4.14389059	4.96978425	4.63746691	4.42390284	4.71224088	4.66913681
3.54914713	0.7902481	1.9831008	1.71062428	2.55946076	3.06018406	2.66266223
5.70331972	4.27577173	5.17983073	5.14357712	5.27648916	5.90603719	6.12367343
3.04657931	0.87612072	2.24457271	1.76699338	1.67519777	2.42105378	2.78097531
5.46990828	2.30876111	3.20672865	3.47771442	3.41178194	2.47484405	2.37908039
4.88113341	4.22789507	4.37592271	4.86588709	4.87595048	4.65776293	4.36388127
2.7778691	1.08649412	2.23512839	3.42460359	3.15101545	1.00E-04	1.69865641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.81590198	1.00E-04	2.05575906	2.06388431	1.8958647	2.30223662	2.50162524
1.78262903	1.00E-04	1.13748276	1.50673889	2.15922535	0.95637875	1.00E-04
2.56818277	0.8339972	1.9315936	1.88590708	2.00914941	3.56522796	3.28033254
0.50196559	3.2492977	4.32702682	3.85178125	3.75354508	1.00E-04	1.00E-04
3.54460808	1.2795411	2.47048957	2.74170925	3.00353728	3.78010814	3.14614312
1.00E-04	1.00E-04	0.93750336	0.14542715	0.33890963	1.00E-04	1.00E-04
3.22146044	1.00E-04	2.24302511	1.64903543	1.85824833	1.30530732	0.48671447
0.29907831	1.00E-04	1.00E-04	1.00E-04	0.14148046	1.00E-04	1.00E-04
1.7265622	1.00E-04	0.61708741	0.15671665	0.64955661	1.00E-04	1.00E-04
0.25261872	1.00E-04	1.00E-04	1.00E-04	0.2869591	1.00E-04	1.00E-04
3.86796475	1.00E-04	1.00E-04	1.00E-04	0.27414014	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.68743919	0.49000266	0.72529447	1.00E-04	0.82486735
4.7230949	3.53460455	4.42107068	3.80116955	4.08150482	4.87243324	4.68884423
4.85445074	3.47731377	4.51787233	4.05593374	4.36668071	4.52523769	5.19131556
0.57047746	1.00E-04	0.8274383	2.22687838	0.40157564	1.00E-04	1.00E-04

0.24473563	2.14017178	3.55061359	3.53481418	3.12902454	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32258573	0.16903086	0.127027	1.00E-04	1.00E-04
3.54965122	3.27388035	4.11956969	3.52193449	3.513161	3.62200113	3.7412573
1.95222253	1.09568947	2.08715489	1.40322801	1.21901612	1.85488367	1.17672729
2.92897234	2.8514607	3.69054294	3.19228695	3.30407778	2.86776859	2.84223651
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92465542	1.00E-04	1.24152004	0.4813679	0.20376324	1.00E-04	1.00E-04
3.87820543	1.63712297	3.3302008	3.10181096	3.29300716	3.26067592	3.35499872
1.91885388	1.33582455	2.5158054	1.74400576	3.07532105	0.84473467	1.1578555
3.77809959	2.18357706	3.77995604	4.35526082	4.2746628	3.6270129	3.95390202
1.49612556	0.96847026	0.4357296	0.3564834	0.39895307	1.00E-04	1.1752166
4.25056748	3.74581886	3.89742956	3.65077511	3.38331356	4.39710521	4.04105516
3.52590027	1.25509001	3.30117481	3.41399388	3.43414994	3.23443147	2.72734476
3.75998405	1.89693647	3.77049918	3.80474329	4.00316585	3.17969013	3.79214026
4.92290416	3.58923185	4.8893712	4.68787675	4.56775266	5.19423581	5.22155606
0.79522363	1.53741245	0.43405641	0.72259243	0.27458891	1.00E-04	1.00E-04
5.27125823	4.3424325	5.05995259	4.92198492	5.11442332	5.06158034	5.43148903
1.94993599	1.00E-04	1.79950944	2.14791453	2.63900527	1.00E-04	1.00E-04
3.99786002	2.10230242	3.44129888	3.8338924	3.95963805	3.44320866	3.74417223
5.06319393	3.79071242	3.517591	3.50348783	3.57724211	5.40378866	5.82502626
3.35735516	2.19841239	2.85382775	3.54591856	3.45451187	2.93537936	2.26871643
2.16111379	1.00E-04	1.06723052	1.00E-04	0.45523725	2.88128196	2.27033302
4.35076428	1.89693647	3.29243682	3.75263302	3.85610188	2.99622702	3.61373414
5.2754928	3.91855257	4.61948611	4.44334443	4.43998748	4.96734268	5.22927297
4.44911634	1.50187198	2.42610728	2.3289029	2.22384811	3.11090632	3.69213624
3.4543066	2.92532239	2.32657076	2.99489161	2.87684684	2.79835102	3.89094951
4.81917186	3.2756243	4.69842646	4.24127651	4.33103497	4.61219376	4.92417123
7.12521584	5.33627404	6.19151555	5.58273456	5.76898519	7.19084579	7.02421167
2.04528072	1.00E-04	1.59000525	2.18482294	1.63444699	1.20855161	1.94243903
2.94384202	1.00E-04	2.21128108	2.07663231	2.34405025	2.83094865	2.79048767
2.9297353	0.87456952	1.95222224	2.73858369	2.25716251	1.95605592	1.77263504
2.12762711	3.68247472	4.75024876	5.1018201	4.88042491	1.5195733	2.82012548
2.92839476	1.00E-04	2.26213153	2.48081155	1.69239598	3.14520798	2.25759025
4.16271161	3.68037779	4.19338946	4.20706285	4.08289377	3.74406058	3.83036296
5.03778006	3.92742058	5.13880558	5.57448289	5.49462274	3.66805239	4.2927442
5.21384076	2.27801923	2.17431145	3.24636807	3.27729571	4.15769764	3.94670933
0.2342465	0.79637057	0.95520329	1.12254219	0.70095633	1.00E-04	1.00E-04
1.07431919	1.00E-04	0.64068163	0.97859789	0.42736519	2.4309747	0.94970493
7.06800773	4.12379071	5.31790705	6.53182751	6.40241346	5.65559186	5.49286078
2.37031322	1.00E-04	2.08873012	1.35084652	1.96039886	1.31443423	2.50711571
3.79049963	2.37164042	3.11503373	2.70638486	2.75785778	3.41390374	3.46239041
2.90988777	1.15660655	1.61000681	1.05197957	1.6210247	2.49754435	2.69413505
4.49186995	3.40556903	3.70967964	3.81317487	4.0886916	4.11815694	4.72182344

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.0029581	2.52463114	4.07796581	4.34931399	4.24803082	3.70935145	3.50926791
4.01314106	3.86681977	4.52413733	4.22195071	4.59747889	3.86923354	3.77511856
4.32345463	3.62907926	4.0840152	4.08170476	3.68361975	4.19625251	4.56369775
1.34295071	0.68407235	1.03573878	1.59881756	1.64238599	1.03499642	0.316869
1.35750978	1.00E-04	0.33900167	0.53049763	0.70302149	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.82680775	0.72415692	0.65450029	1.00E-04	1.00E-04
5.76938396	5.63220104	6.50222223	5.92028582	6.09217485	5.4520474	5.76038102
3.39649855	2.27801923	1.8843883	2.2950285	1.51569962	2.68681344	3.14698801
2.42853665	1.00E-04	1.89397086	1.49834387	1.68980753	2.67976846	3.13594448
3.74785469	3.45491085	3.69322298	3.3261844	3.62537933	3.33630309	3.51586486
1.87092462	0.79637057	1.69378635	0.64638546	0.62899721	0.71661629	1.0244242
1.60009945	1.73771984	0.73102893	0.94386368	1.5266888	1.00E-04	0.90713248
3.92001279	4.11714849	3.42968526	2.86389064	3.28229761	3.87750049	4.23200987
3.14401426	4.36453076	5.36981097	4.70573317	4.83948985	3.13500558	3.44286965
2.40540314	1.00E-04	1.08192807	1.48904047	1.77216798	1.00E-04	1.00E-04
0.41302251	0.71640521	1.81911242	0.83141476	1.01637276	1.00E-04	1.00E-04
0.25044987	1.00E-04	2.23871027	1.78224327	1.35648218	1.00E-04	0.94970493
2.96399607	1.30842654	2.79513879	2.77490217	2.59373717	3.03344249	2.90374059
4.89551851	4.4184914	4.53503535	4.4602404	4.62253739	5.05051301	5.23325137
1.00E-04	1.00E-04	0.16665947	0.19611949	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1010866	1.00E-04	1.00E-04	1.00E-04
3.74224385	3.60038385	4.05170809	3.31243495	3.53216676	4.72770417	3.52744726
0.06759249	1.2795411	1.47504961	0.74956729	2.32347545	0.68203783	1.00E-04
1.00E-04	1.00E-04	0.14086284	0.09790117	1.00E-04	1.00E-04	1.00E-04
4.75809689	3.29775945	4.41105735	4.63717817	4.18800332	4.26248549	4.51135698
2.73444573	2.43736744	3.55815046	3.16211389	3.39505905	3.04641233	3.08161405
4.36324056	3.12522658	4.38149835	4.7010764	4.3835747	3.85100993	4.3316271
4.55083315	3.80578157	4.88443619	4.32267791	4.33314027	5.21212608	5.33249483
4.41142589	4.59202031	5.38744405	4.87222505	5.07632478	5.09005337	5.2630037
4.35852658	4.08972286	4.27139774	3.7212107	3.76798739	4.92120166	4.94396034
4.04653638	3.53248985	4.05554946	3.9850349	3.84653183	4.560919	4.39933409
4.26917587	4.77223105	5.09097917	4.42603434	4.54143981	3.74438721	3.19963664
6.70701285	3.82644162	4.08869027	3.78522979	3.62267769	4.57160596	4.48544293
4.75945492	3.98837867	4.30396921	3.94512124	4.26552111	5.25200218	5.19278009
0.75451315	1.00E-04	0.47431501	0.21279222	0.49582809	1.22399854	1.53627389
3.78556834	0.8358776	2.78042187	2.90902636	2.9063544	1.86828293	1.89548052
1.93905951	3.79654029	4.74437728	5.27807849	4.94659679	1.00E-04	2.03390809
0.74372519	1.00E-04	0.48982121	0.44533963	0.62972687	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.5240747	2.1906941	4.06222012	4.67872977	4.75945701	3.73530546	3.68053634
3.83670828	2.31331039	3.09087279	3.85815823	3.78104497	1.50575365	3.09703297
4.04779988	3.54393443	3.76566484	2.97322569	2.98926437	3.02059684	3.01813915

0.2875657	0.87456952	3.63127189	2.68925454	3.13559711	1.00E-04	1.00E-04
3.2792449	2.89150834	3.10080007	2.8006257	2.68482293	3.98235832	4.13008117
2.66040268	1.00E-04	0.90139379	0.72660642	1.25422504	1.00952146	1.37281607
2.18565655	1.2269695	2.94139917	2.72709434	3.15271154	2.12763703	2.38317022
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2.46195812	3.38269356	2.90210578	2.64778135	2.97526984	2.18129293	2.92927445
2.79775472	1.08649412	1.39318353	2.0638082	2.00119508	0.88297287	1.93160253
4.80861165	3.07676586	3.63524527	3.85181301	3.81980544	4.53498801	4.68427316
5.5784816	5.29869565	5.43520503	5.53626471	5.53619921	6.23662715	6.43870291
0.20941355	1.43926948	0.24133872	0.32274937	0.39298538	1.00E-04	1.7004284
4.35002534	2.78409146	2.13462838	2.11989171	2.62603505	3.943372	4.4291324
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2.22551401	1.00E-04	1.21892281	2.21144975	1.53487008	1.24696941	1.18453576
2.94524223	2.98685023	2.37913135	2.2510735	2.59241715	2.60932849	2.75379192
6.38446597	4.61054254	5.323792	5.01973347	5.15995236	5.39112869	5.74618251
5.46309046	5.10644608	5.91415525	5.28158884	5.13712135	6.08362491	5.78856355
1.23407276	1.00E-04	0.65204951	0.35629281	1.06222752	1.00E-04	0.93599281
1.1724457	2.46696737	2.41921068	1.68796199	2.51040071	4.56278871	3.75610533
3.33950373	3.47524371	3.85374058	3.04389721	2.92637117	1.6485068	1.1474645
5.34736064	4.13016528	4.54155359	4.19518773	4.2262347	5.83461183	5.94180834
1.50422944	2.34867053	2.15265864	2.29273412	1.75919727	1.46761503	2.57893707
3.68128926	4.2780021	4.17932082	4.22703157	4.2099282	3.42763388	3.15034804
1.734948	0.96847026	1.51741268	1.18406278	1.43714271	1.92011974	2.11803486
3.65392402	2.53556505	3.59776951	3.13994162	3.86201024	3.73053385	3.73626685
1.54183276	4.12206744	4.39910133	3.49275193	3.68485241	1.43054211	1.1752166
0.84802377	1.72031386	2.1646506	1.5783578	1.11761097	2.07403514	2.13223877
3.85759128	3.04129301	2.64995333	3.32091537	4.90868731	1.59599109	2.18471679
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.83314769	2.66831916	3.67664083	3.56728155	4.08604296	3.71235174	3.62594016
4.10207772	2.31858634	3.75295852	3.56720683	3.04657653	4.13028992	4.27063796
4.91879759	3.27756877	4.52763782	4.16475598	4.59267843	5.28947727	5.46334484
5.48716099	3.3431723	4.38326933	3.99180476	4.15638822	6.10455919	6.28314926
4.6409704	2.70453158	0.74296412	0.81216468	2.03168756	5.08413669	4.49772378
3.16709092	1.00E-04	0.49213303	0.55109744	0.49207298	1.00E-04	1.00E-04
2.35353672	1.16296659	1.90587028	1.94325628	1.72012472	1.00E-04	1.00E-04
3.520985	5.45541173	6.05282341	5.46184782	5.5031923	3.72338353	3.20027336
3.93522395	0.87612072	1.59225076	2.07955196	2.49644207	3.80086749	4.05177438
0.74523226	1.00E-04	0.36849135	1.00E-04	0.38135176	0.46029024	0.7214142
1.00E-04	1.00E-04	0.10473028	1.01401098	0.16535001	1.00E-04	1.00E-04
1.19457745	3.71217287	4.45934768	3.98109059	3.66267087	1.00E-04	0.72495184
1.22700372	1.62432592	2.34827223	2.34408919	2.18774368	2.30969867	1.40395541
4.83087387	4.47772362	5.20154208	5.07721419	5.15278747	5.3991198	5.37739978

0.49793436	1.00E-04	0.97839243	0.56218263	0.77343997	1.00E-04	1.00E-04
2.62614178	0.68407235	0.0779111	1.00E-04	0.24498743	1.54803341	1.00E-04
4.27262361	1.00E-04	0.77266726	0.30348321	0.38586348	1.00E-04	1.50675156
4.37924005	1.00E-04	2.67536708	3.13800531	3.06705274	4.97439031	5.27191961
3.83933064	1.00E-04	0.63081413	2.27547176	1.87185537	2.95676513	3.6128201
4.86921191	0.72877389	2.50206166	2.18294438	1.97736438	1.48634524	1.00E-04
0.89615924	1.00E-04	0.59257728	0.38496343	0.40111593	1.00E-04	1.00E-04
2.14000237	0.7902481	1.84131592	2.16378741	2.02233901	0.79838122	1.48139998
1.00E-04	1.00E-04	0.0575112	0.2803932	0.32790434	1.00E-04	1.00E-04
2.22593432	3.15078138	2.664436	2.98677076	3.1665757	1.54779827	1.00E-04
0.27183643	1.00E-04	0.08765397	1.00E-04	1.00E-04	0.68203783	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.21796383	3.92576379	4.36324354	4.08030468	4.14380652	5.53494623	5.17401029
1.00E-04	1.55851122	1.62477866	1.66896555	1.32579345	1.00E-04	1.00E-04
4.51145752	1.00E-04	1.40992244	1.86790447	2.3620456	3.91089797	3.3675399
5.80764758	3.55876368	4.61011636	4.05031297	3.91247789	5.20439116	5.03351036
3.01129495	2.4974736	3.22873592	3.73350421	3.86509022	1.00E-04	1.76682403
4.26082204	1.87805748	3.05423975	2.96510438	3.14528662	3.67608362	3.34718347
2.47619955	3.06104434	4.39085187	4.12185098	3.53567893	0.81755274	1.760202
1.72319558	1.99563044	2.67079687	3.04463452	2.51077349	1.88286357	1.35267501
2.79263494	1.2795411	3.43746608	3.33929668	3.47219554	0.95102466	1.72996873
1.00E-04	2.84382365	4.40296228	3.56933479	3.76064131	1.00E-04	1.10337756
2.66747426	1.00E-04	2.31990827	2.41539495	2.93604437	2.09313459	2.21690296
2.97571726	3.53488643	4.20940676	3.66086989	3.4392805	2.93863771	3.37429716
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77057821	1.00E-04
5.44254861	4.13433853	4.62028698	4.18343014	4.47434915	5.05628329	5.00809499
4.62507296	4.38132727	4.72923192	4.57478057	4.53873156	5.11716686	5.23194857
3.15395138	0.72877389	2.75717099	2.75155218	2.16118686	3.49709376	3.78689551
4.17064413	1.56067124	2.88215994	3.5529385	3.56933558	3.43753378	3.74668108
3.35031181	1.00E-04	2.75119887	2.19053582	2.35140141	2.86871044	3.2492369
4.4443457	4.27411107	4.49639028	4.3743901	4.28402328	4.47949801	4.29542011
3.57748576	1.71080704	2.9342911	3.11425841	3.28897548	3.58303628	3.99503763
3.03765322	3.04129301	2.37389398	3.08294638	2.69036666	3.77416953	3.48526109
1.00E-04	1.00E-04	1.56167661	0.89159103	1.16600512	1.00E-04	1.00E-04
2.06941359	1.00E-04	2.22883168	1.10741842	1.16056159	1.00E-04	1.00E-04
3.67342331	1.9306878	3.33500156	3.3043867	3.38893679	3.27559215	3.51601156
3.48010118	2.54163404	3.60905879	4.12534159	3.79834342	3.32387111	3.05408884
1.00932665	1.89344473	1.68372182	1.82333372	1.80514464	1.79926086	2.43647837
1.87796397	4.34859701	4.8783645	4.27707118	4.039908	2.15515103	4.2163438
1.03930841	1.00E-04	0.78146364	0.87725154	1.64445107	1.19321377	1.47360994
4.37531802	1.00E-04	3.01667038	4.02814963	3.73896967	3.03821834	2.65729461
2.88141384	3.47550874	4.6898143	4.30065109	4.22102986	3.41862082	3.7212139
4.22648909	1.63174686	2.59516427	2.2818556	2.62639768	4.30949891	4.21032779

3.92747274	4.05905158	5.00098827	4.60251255	4.523933	4.63620512	4.66870044
3.65532169	1.90288638	3.46848962	3.23530453	3.65760385	3.61868013	3.74984419
0.25044987	1.00E-04	1.2050996	0.62636937	0.719163	1.73865035	0.86789477
4.00255934	3.78737553	3.21453601	2.95594678	3.15715919	4.21511811	3.89475704
3.10065645	1.00E-04	2.3739116	2.5605663	2.85910622	3.62905769	3.26305278
3.76908204	3.19166568	3.23779406	2.99788739	3.56934519	4.05618818	3.5898738
1.69443894	1.37137101	2.17340108	1.96587092	2.83284659	1.00E-04	1.22656535
4.45406385	2.32836745	3.8663448	4.22829254	3.82691206	3.96098746	4.21541198
3.2593841	1.54471013	2.53103703	2.73921865	2.58491808	2.46751112	3.47945335
3.52024524	3.157538	3.31030912	3.14189462	3.05006287	4.33726922	3.89403743
0.80885674	2.70516152	2.41122457	2.08230423	2.94098856	2.9870031	2.26298695
3.46105951	1.24533636	3.07948007	2.88871883	3.26095275	2.99107592	3.75240037
4.54536639	3.43270439	4.18473403	3.73323268	4.16630417	3.45695474	4.47074072
0.32736248	2.2699266	3.22245067	2.8826815	3.23347531	1.00E-04	1.00E-04
5.05091666	4.69071189	4.7681156	4.70806596	4.73487047	4.93950821	5.51523186
5.41248594	3.86484857	4.79175706	4.65905524	4.70228667	5.48603137	5.50487985
4.53250276	3.85875359	4.23812395	3.86500548	3.99753024	4.52962005	4.85112219
3.53768185	1.99290585	3.12727685	3.05709547	3.74028736	3.18708119	3.46632059
4.8276448	3.47311571	3.52350782	4.87225614	4.35589033	4.07134764	4.12837524
4.86342833	3.47132341	4.3224925	3.98638249	4.22748294	5.48063345	5.46124945
3.7922454	1.86549975	3.47650965	3.4940627	3.48621247	3.790417	3.51148081
3.1234645	1.00E-04	2.5414939	2.08196622	2.09925823	1.7840093	2.63917965
5.77644883	4.05138085	5.14445277	5.151747	5.1381304	5.53665761	5.53079829
4.45088572	3.24950118	3.76752059	3.37156253	3.75293686	3.92951378	4.03636627
3.164006	1.89691666	3.16132482	3.65901407	3.51206024	2.42021282	2.32726468
3.42228425	2.00797982	3.99218387	4.27035613	4.04519466	3.28916453	3.19491702
0.61431375	1.00E-04	0.51074137	1.07100937	0.14461624	1.40857904	1.69479209
2.20092692	2.40281022	3.29880246	3.19792733	3.13710528	3.00013414	0.35134699
1.31996688	0.7902481	0.23393011	0.31417444	0.58341594	0.94908439	1.00E-04
4.78863459	5.9003677	6.33085554	5.84680065	5.98040758	2.3303048	4.06427962
2.92575046	0.87612072	1.99103358	1.68794959	1.34143803	1.38318739	2.62376382
4.76894224	3.98109574	4.55260115	4.08977091	4.16585651	4.82771481	5.02881253
5.3393597	4.3425497	4.89263849	4.351446	4.79358135	5.26657461	5.3690745
2.98969761	1.12769243	2.97500403	2.74303588	3.48490012	2.62131634	2.37535724
4.14781373	1.8809102	3.78602718	4.28481745	3.76713912	3.1158932	2.85102187
4.66038779	4.80671859	5.42801435	4.97459221	5.08534147	6.53940331	6.32403306
2.94521954	1.74702243	2.969201	2.1522891	2.04220401	1.56718657	2.94651439
2.62312671	5.30917505	5.94095157	5.40933851	5.40473927	1.43054211	1.87303602
4.7149511	3.51841738	4.01353252	4.42150897	4.0903165	4.31426314	4.27339239
3.02899333	1.52102673	2.16823504	2.57393311	3.02973709	1.35155636	1.96587608
2.5940566	1.52332232	2.04007541	2.29695486	2.40058811	2.30778876	2.41094375
0.82392855	1.00E-04	0.25394332	0.39500041	0.65072051	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22961216	1.33069266	0.45759581	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61911216	0.68407235	2.64884597	3.17291784	2.23891583	1.00E-04	0.81245127
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77291067	1.00E-04	1.00E-04
0.31802715	1.00E-04	0.68398993	0.11606138	0.28085745	1.00E-04	1.00E-04
5.19494623	4.87607285	4.94255314	4.89628932	5.15988435	5.69997606	5.90598702
1.4625005	1.00E-04	1.19280009	0.61921988	0.29352415	1.00E-04	1.00E-04
3.4835754	6.33773061	6.17763617	5.54762908	5.57759042	5.83697872	5.30940919
1.00E-04	1.00E-04	0.67153239	0.64882846	0.14461624	1.00E-04	1.00E-04
3.0654443	3.15514068	3.13433982	2.57668994	2.6251682	3.37159843	3.71010248
4.73393916	3.3852679	4.40927133	5.20661307	5.02310539	4.02975423	4.16510951
4.99132578	4.30549285	5.15791639	4.79467553	4.9519409	4.64821323	5.04086808
4.5729893	2.8044456	3.84203068	3.41068033	3.72864527	4.35528095	4.70856717
2.8540762	1.88254874	3.38774183	2.89666033	3.76676061	3.19664583	2.32456692
1.00E-04	3.02521736	2.13497656	1.20523139	0.73109396	2.61091464	2.81949673
3.35435108	2.75481002	4.16607743	3.98758197	4.19577019	4.01320225	3.74463149
3.60884235	2.49657432	2.53878985	2.52009316	2.94769377	3.37463589	4.10173757
3.99176627	4.00878442	4.62025085	4.50600483	4.17674134	3.82792709	3.74112201
3.68509974	1.89121819	2.73596145	2.87787035	3.08409593	3.23845487	3.16096601
3.05165855	1.14583798	2.74610104	2.48123424	2.55833272	2.44925986	3.24999469
4.00510569	3.11617512	3.32534185	3.46149335	3.94810063	3.65375095	3.87545626
0.2894676	1.3484342	0.9690599	0.54431653	1.00E-04	1.00E-04	1.00E-04
2.6601983	1.00E-04	1.89910473	2.39985846	1.97809367	0.84473467	0.316869
4.37112267	1.79243963	3.02765054	2.95050712	3.18887459	4.37095757	4.26091058
3.82502739	0.69779233	2.92078851	2.63384077	2.56458008	3.74410412	3.09230231
1.82437811	2.92058283	2.98129568	3.17779351	3.02414903	1.71805123	2.04163184
2.69898358	2.10779168	2.68955801	3.14540426	2.47254776	2.57379528	2.78538849
1.10319938	1.00E-04	0.15517559	0.31340176	0.3596543	1.00E-04	1.00E-04
4.79483853	4.35216863	4.68573492	4.41902061	4.44961824	4.9665202	5.12078463
1.20314856	1.00E-04	0.51640822	0.9148131	0.61025033	1.00E-04	2.0301341
4.66943528	3.03196925	3.71037458	3.37492541	3.57008729	4.75831518	4.82145739
5.89434638	1.00E-04	1.64976291	1.81421324	1.37263693	5.917434	5.70074438
1.28450951	3.23605507	2.18101655	1.91376181	1.65548525	1.98710417	2.13289476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90294257	2.50775336	1.85889652	1.60785356	1.68017147	1.44667904	0.35134699
2.50265224	1.50851539	2.33043635	2.17915658	2.17233954	2.44095168	1.45657526
1.16389329	1.00E-04	0.07516994	0.09749395	0.11711669	1.51909805	1.00E-04
1.61575469	1.30317722	0.65767334	0.44650357	0.96677006	1.00E-04	1.14061365
2.50044863	2.71007237	3.24477263	3.7572542	3.65544923	2.38642925	1.75238378
1.00E-04	1.00E-04	0.14047244	0.71052174	1.31260839	1.00E-04	1.00E-04
2.12992464	1.00E-04	1.16374703	0.90248055	1.042414	1.74870944	2.2315299
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33660395	1.00E-04	0.2797625	0.8962616	0.69291674	1.00E-04	1.0244242
3.61654339	4.09272984	3.63666434	4.20171571	3.88493443	4.22739919	4.34797846

1.81443105	1.00E-04	0.67239391	0.95958421	0.91240523	2.09888687	2.89722662
0.56858284	1.17452218	0.72837049	0.54143403	1.97256198	0.94908439	0.316869
2.60577417	1.00E-04	0.30162165	0.27997945	0.45820823	1.90645077	2.21119072
3.68572883	3.22713187	2.30005065	2.3627895	2.75418951	3.05609644	3.88073124
0.65563661	1.00E-04	0.37179984	0.46936696	0.56574491	1.00E-04	0.56264051
2.96636562	1.20883053	2.28627287	1.78755104	2.0227658	1.65808103	0.49725191
1.6298364	1.00E-04	0.16023469	0.33160647	0.57201072	1.88754146	1.8600173
0.84299318	1.7389196	1.75456332	1.23399441	1.98162437	1.00E-04	2.13020506
0.22832916	1.00E-04	0.58134513	0.10843982	0.49772874	1.00E-04	1.1853365
5.32110482	3.89889458	4.62297221	4.43433729	4.55243922	5.20886285	5.08542783
2.07366168	1.2795411	1.25123221	1.2267685	1.14894152	1.13698109	1.00E-04
4.6563735	3.04682596	4.1175314	4.19791421	4.19140128	3.9651819	4.7792964
1.00E-04	1.00E-04	1.24353338	0.96701788	1.6335314	1.00E-04	1.00E-04
5.2438426	3.46633407	4.2572047	4.61526634	4.21148046	4.67568972	4.81279377
3.66561879	1.91344306	3.07829433	2.85199268	2.52119917	2.81500542	3.35293793
4.71712626	1.74085146	2.91858664	2.49282137	2.38088618	3.54832477	4.15694439
4.84391912	4.50644402	4.54797927	3.87219533	4.1601922	5.09111343	5.23193521
3.0277787	3.56777027	3.83146642	3.63162863	3.19808248	4.33437699	4.14560308
2.60252266	1.00E-04	0.60395689	0.31867044	0.74236358	1.76558744	2.75471031
1.00E-04	3.29046944	2.52429445	1.54787649	2.36788988	1.00E-04	1.00E-04
3.7898443	3.12937425	2.7246122	2.5296194	2.6022477	1.66209057	1.68517737
1.00E-04	1.00E-04	1.00E-04	0.07577735	1.00E-04	1.00E-04	1.00E-04
0.95087153	1.00E-04	0.59412899	0.26344748	1.45197806	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.43392752	1.00E-04	1.00E-04
3.13045371	1.61309825	2.49783122	3.17847792	3.31181137	1.00E-04	1.82587303
0.1671021	1.00E-04	0.19502191	0.07375842	1.00E-04	0.77057821	1.00E-04
3.44569547	1.65420127	2.61926817	2.70944296	3.09250074	1.05970842	1.09138487
4.42881878	2.32460718	3.75373242	3.30811904	3.68328238	4.89594997	5.09880882
2.28017925	3.94422683	3.81563619	3.29891593	3.11432981	2.68811854	1.62325495
4.72519667	2.57533389	4.25373508	4.87022024	4.63426786	3.24421766	3.36620377
6.01871167	5.51167258	6.28070105	5.71448789	5.8367328	6.4887598	6.37479533
0.49390503	1.00E-04	0.72378445	0.870252	1.84433718	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.18118063	2.8153286	3.77314445	3.30537432	3.64645551	6.02281098	5.59252575
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.59830389	1.00E-04	1.00E-04
4.28643032	2.66323781	4.21145252	4.01298603	4.49313376	3.99245516	3.93898403
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.36672399	5.75144597	5.98088624	7.41639008	7.25495539	4.8174755	4.75280065
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.40770103	3.81599133	4.96150903	4.21715549	4.00408338	5.05486478	4.73827657
3.07556957	1.48236646	3.10949526	3.45178089	3.14633821	1.34106675	2.92188373
3.70747537	0.8358776	3.12801084	2.99948138	3.31688096	3.46719195	3.71990789
2.7583258	1.00E-04	2.51632308	1.96846652	2.69095938	2.1574094	2.67824175

4.11240195	3.46210451	4.13405862	4.14815484	3.95368196	4.15070779	4.45169983
4.93668641	4.9132875	5.63700474	4.96196864	4.92493245	5.53532594	5.76455178
4.30113764	2.40766452	3.98003943	4.49554632	4.54098118	3.00909993	3.10404036
2.81431098	0.8339972	2.79792494	2.69254258	2.63270034	3.28197935	3.72664509
3.88923588	2.61490792	3.05854934	3.41703009	3.76659627	3.42242359	3.43854835
3.2553339	1.42739025	2.26795814	2.44642074	2.29023643	3.09927051	2.59032435
1.17731503	1.57344444	2.26882675	2.44052148	3.14192818	1.34893268	0.316869
4.14322528	3.00611134	3.85561519	3.73935809	3.91651944	4.14529071	4.51766674
2.8358151	1.00E-04	1.95250387	2.05086783	1.96302091	3.0927422	3.06995696
3.36321076	1.22771662	2.74072492	2.4759114	2.54033704	3.51398443	3.09273795
2.75646082	1.00E-04	1.19268969	1.99007598	1.21689088	2.88763726	2.11967395
2.32002974	1.37137101	1.60776377	1.33345926	1.23645749	0.74564767	1.69998633
1.15740663	1.00E-04	1.23206879	1.14869978	1.06674413	0.71661629	1.00E-04
4.07082956	1.92611755	3.88156585	3.88504466	3.48883238	4.47143421	4.09284927
2.77209252	2.48187261	3.51842046	3.86684429	3.8229348	2.22522094	2.80481948
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.40631313	1.00E-04	0.73766427	0.21760272	1.00E-04	3.02029089	2.22601497
2.46530242	0.68407235	2.65021444	2.66831842	3.0563222	1.31151447	1.6272908
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.69938288	2.29437529	2.22119064	2.19122883	2.28954935	2.61707052	1.78964405
5.50421352	3.82291464	4.37102925	3.67867052	3.65059508	4.96402436	5.05401947
0.33206433	1.00E-04	0.26631027	0.38937364	0.11746998	1.00E-04	1.00E-04
3.39341736	1.65638751	3.04119877	2.53427203	2.53839218	3.88643822	3.88700205
3.4725859	2.84337546	2.85071324	2.89723479	2.84912022	3.21353126	3.44889868
2.78867604	5.64820931	6.44001622	5.89372596	5.79924088	4.00290619	4.38394487
5.53769355	6.23718836	6.90494938	6.21184321	6.25173434	5.84575337	5.98517811
1.1671207	1.00E-04	0.82649803	0.23100487	0.11779102	1.00E-04	1.00E-04
3.19377712	1.1377045	2.37664775	1.64201097	2.01205214	1.00952146	2.03333119
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.16435729	3.70920684	4.64121044	3.94678672	3.93357286	5.2255397	5.39251801
0.10260419	1.00E-04	0.12694784	0.16130923	0.40067949	2.31822186	2.67638257
3.0522141	1.53515625	2.77086823	3.07404171	3.25785182	1.00E-04	2.38136589
1.2159978	1.89127927	1.98203111	1.84238751	1.6963796	1.41464229	0.316869
3.88972391	4.40764808	4.30472	4.63879418	4.71600001	5.06048917	4.87196221
3.09192932	3.60044343	4.37790949	3.52910708	3.61680451	1.00E-04	2.21250244
4.63999413	3.12934624	4.81944375	4.70518839	4.74109854	4.07440426	3.93589699
1.19595332	2.09054746	2.97575599	2.84697865	2.60372473	1.00E-04	0.92200987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09759627	1.00E-04	1.00E-04
1.98373008	1.21640771	2.0886025	2.90254281	2.4469298	2.92934733	2.33143654
0.4392191	1.00E-04	0.17891656	1.00E-04	1.03123436	1.00E-04	1.00E-04
1.74334001	1.00E-04	1.34942233	1.47479162	0.95218263	2.07126208	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.4500683	1.00E-04	0.86499782	2.07759489	0.63866253	3.15613556	3.71553661
3.1869815	1.2795411	1.53459015	2.84782157	2.62938486	2.7838544	2.37985229
0.60385691	1.00E-04	0.44816739	1.00E-04	0.42536944	1.8386892	1.00E-04
2.64211138	2.69043896	3.82773611	3.33133482	3.47306229	3.27553386	3.38487676
3.46456357	1.00E-04	0.10994644	1.00E-04	0.5510395	1.00E-04	1.00E-04
3.21973476	1.00E-04	2.28393279	2.73265977	2.39248758	3.7847252	2.8513297
3.16336592	1.00E-04	1.90037615	0.35614914	1.25858493	4.34241171	4.60352497
1.47780694	1.00E-04	1.44299277	1.44022008	1.70645363	4.60922595	4.73027988
3.15601921	2.99988569	1.50776891	2.07985431	2.50244749	2.85344945	1.44618957
4.71999764	3.6157666	4.4017579	4.51546332	4.50081252	2.79364902	3.12159908
3.23192587	0.72877389	2.57826466	2.20943277	2.72942117	2.78017853	2.91680799
1.98783039	1.00E-04	0.62839305	0.28322631	0.86418259	1.00E-04	1.82578857
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81479465	5.81771143	6.30911719	5.9693044	5.95652792	0.86494787	1.25131486
1.10938495	3.9986679	4.42899622	4.00003303	4.06917168	3.82156567	4.31366233
1.00E-04	1.00E-04	1.00E-04	0.14621476	1.00E-04	1.00E-04	1.00E-04
1.54109506	2.45672804	2.32751374	1.26024705	2.04186826	3.05501443	1.00E-04
4.84304386	2.96541327	3.30365851	3.39113762	3.51568762	1.00E-04	1.98753341
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.40124383
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.19369471	2.40371213	1.74936227	1.23366201	1.61711871	4.64865218	5.34059767
0.19474114	1.00E-04	0.24675345	1.40918635	0.10423273	1.30530732	1.00E-04
0.0766569	1.00E-04	0.11678318	0.08021281	0.19524902	1.00E-04	1.00E-04
0.08716682	1.00E-04	1.00E-04	0.10902669	1.00E-04	1.00E-04	1.00E-04
3.97638093	3.11433554	3.97269279	3.71001322	3.35351375	4.29357125	4.69329212
3.09330169	1.18919506	3.49943329	3.5680555	4.00340648	1.48403829	2.87043562
2.3495385	1.86331403	3.11232447	2.8124441	3.1371519	0.46029024	2.36760623
1.00E-04	1.00E-04	1.5640395	0.74127806	1.1957143	1.00E-04	1.00E-04
3.20390638	1.00E-04	2.74854735	2.79793475	2.85285139	2.38494333	2.92357809
0.42609047	0.69779233	1.17807137	1.00263819	1.1241053	1.00E-04	1.00E-04
2.26905568	2.43499421	3.1423039	2.88793012	2.99928494	1.00E-04	1.18273852
1.00E-04	1.00E-04	0.20616443	1.1825392	0.28096859	1.00E-04	2.0433652
1.00E-04	1.00E-04	1.67504822	1.75253783	0.64939172	1.00E-04	1.00E-04
2.02447562	2.08531342	1.59706997	1.93192529	2.6106847	0.68203783	1.9154812
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.8909376	4.15708426	4.7327704	5.00935314	4.61345562	4.75808683	4.66518595
1.20403009	0.72877389	1.29139726	1.10211851	1.38088663	2.15011275	1.00E-04
1.06087707	1.00E-04	2.12070013	1.39888093	1.16460162	1.46792331	1.11427605
2.855874	0.7902481	2.4180859	1.76132784	2.57773636	1.39540176	1.91468642
1.00E-04	1.00E-04	0.10697315	0.09375359	1.00E-04	1.00E-04	1.00E-04
5.65825849	4.6708262	5.32551005	5.49915479	5.42426523	4.92053444	5.13832942
2.92915011	2.70831628	4.18129185	3.94011443	3.70013114	2.05973802	3.10641613
3.05144787	1.09568947	2.31786328	2.27058625	2.7559965	2.85756022	2.11433867

1.79204306	1.2795411	1.50134196	2.18750554	1.52359396	1.00E-04	1.82408734
1.86586141	3.41784599	3.37798682	3.45124905	2.95445315	2.62047479	3.3101822
2.57083476	1.2795411	2.4852267	3.02644236	3.1100532	1.55491871	2.21751893
0.60597442	1.8243672	2.66996953	2.31992412	1.98694573	1.25061534	1.3282665
3.60179451	1.28246279	0.73764089	0.62921852	1.19366995	3.75785255	3.37818671
3.96933123	2.87633817	2.47880274	3.40179229	3.29706603	3.13959866	3.2312902
5.79736567	2.17207406	3.49174299	3.35266943	3.76561607	5.61970581	5.62634846
0.86752863	1.00E-04	0.2468451	1.00E-04	1.00E-04	1.00E-04	1.48341626
4.69671039	1.46407503	3.28094604	3.62133746	3.21691335	3.04120745	4.01842933
3.83281398	2.83743427	3.55729311	3.46019191	3.16874087	4.1320519	4.38820403
2.99597035	2.05539298	2.83312306	2.66866025	2.71667427	2.44463514	3.10105337
2.18763739	0.87456952	2.1293381	1.96186618	1.29247839	0.97058651	1.00E-04
1.00E-04	1.00E-04	0.92342687	2.01128156	0.7441422	1.00E-04	1.00E-04
2.25349177	2.9482409	4.26596114	3.74000873	3.64176539	2.46285366	3.28728336
0.80142975	1.7921829	2.93600054	2.52709687	2.06772803	1.00E-04	0.68552114
1.00E-04	2.50479344	3.58370802	3.07804974	3.28292278	1.00E-04	1.00E-04
0.94752489	5.47441073	5.45418064	4.90619322	4.70556023	1.6485068	1.00E-04
1.06372402	2.59670154	3.70300808	4.3595738	4.42572408	1.61481956	1.00E-04
1.69217597	4.23047168	5.10598102	4.89340495	5.1638408	1.00E-04	1.00E-04
4.72454722	2.92827607	4.02639275	3.42162983	3.8182769	4.43363893	4.99112714
2.69288103	0.79637057	2.14990303	1.42737643	1.46361419	1.70433775	3.17928474
3.03386437	1.33582455	2.77978993	3.02434189	2.64350861	1.44029204	2.4487259
3.8537554	3.24552983	3.5621219	3.32322193	3.11950402	4.05188083	4.29508303
5.34393886	3.94302294	4.86082442	4.34997294	4.56352665	5.88745732	5.89788788
2.5635829	1.55069037	2.61231195	3.06613316	2.82557136	2.61298015	2.57858547
4.07416223	3.10180702	4.11611982	4.0339775	3.9547619	4.73712901	4.69038097
0.16484259	2.73747491	4.32540648	5.00098811	5.05911996	1.00E-04	1.89074852
1.39467736	0.68407235	0.76466992	1.1506437	1.03865065	1.00E-04	1.14842965
2.61697271	2.27696398	3.27122129	3.12337919	3.31689019	2.78301122	3.01960364
4.71175797	3.46109837	4.3764496	4.68606198	4.60658415	2.75178973	4.03012572
1.04754502	3.4055327	2.66414548	1.76075554	1.9893647	2.20800279	1.09055109
0.95222552	1.00E-04	0.83306434	0.09749395	0.66723343	1.00E-04	1.00E-04
1.69518734	3.65579202	4.41153977	3.95150159	4.02781708	2.26611378	2.53060537
0.72280975	1.15872716	0.9944764	1.22875759	1.32360304	1.00E-04	1.00E-04
2.12400792	1.00E-04	0.91949625	0.71935306	0.88366745	1.00E-04	1.00E-04
1.89596073	0.74506998	0.72177474	0.80672307	1.0966962	1.00E-04	1.00E-04
0.30187	1.00E-04	0.09744499	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.14284657	1.00E-04	1.13989993	1.4334473	0.72389027	1.75791089	1.00E-04
1.90712128	4.41840045	4.9072248	4.27785955	4.23083364	2.94639623	2.97892497
4.69011465	4.02078358	4.13795009	3.77649064	4.19493161	6.04970379	6.05346145
3.0672441	1.12769243	3.05741662	3.1610997	3.34822689	2.22218158	3.23866988
1.86774924	1.00E-04	0.9174654	0.46187006	1.15109624	2.2115066	2.29512466
3.74412871	1.48854761	3.17171616	3.2384591	3.6018547	3.43101598	3.72957149

3.48713023	0.74506998	3.0574452	3.03570637	3.16990648	3.62803973	3.91391659
3.15053218	0.68407235	2.45017187	2.67720563	2.32126949	3.17378849	3.60635844
4.31322376	4.08446941	3.99877334	3.94723282	4.29016382	3.86263217	4.27610877
2.30331244	1.20118902	2.00741938	2.25289636	2.60189114	2.59948504	2.4315843
3.3836148	2.60894617	3.84268453	3.43772173	3.2366587	4.19164776	3.32011894
3.94455828	3.04982851	3.432087	3.09610831	3.00589771	4.03700442	4.24484483
3.39863553	3.82432526	3.71662966	4.17198863	3.51263246	3.24397732	3.50047837
2.40640859	1.54789829	1.48365967	2.44743933	2.17073226	1.18075338	2.35756625
1.00E-04	3.04756104	3.63923443	3.02017536	3.09978203	1.00E-04	1.00E-04
3.83996121	0.69779233	2.2810955	2.44784078	2.82617575	2.39216879	2.89166242
6.95010992	3.35597573	3.2216295	2.89921536	3.66823856	7.25698903	7.17192567
2.27516032	0.7902481	0.92833197	0.75068184	0.92303408	1.87444319	2.71280192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.30786264	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.22631043	0.0822006	1.00E-04	1.00E-04	1.00E-04
3.17281874	1.69806876	2.54756553	2.68125477	3.24622278	2.52176172	2.75674204
0.80242268	1.00E-04	0.67448579	0.1373285	0.19524902	1.00E-04	1.00E-04
2.13374098	1.20883053	2.25124913	2.53664982	1.60997585	1.00E-04	2.00453476
0.5435534	1.00E-04	0.60717041	0.44298291	1.10549651	1.00E-04	1.00E-04
4.92676017	3.97671512	4.38636554	3.89234489	4.02419858	4.98434772	5.13567248
4.05987637	4.27765077	3.81379841	3.64474967	3.71101002	3.97446931	3.89518969
2.08204783	1.00E-04	2.34845028	1.58292503	1.58730532	1.82457776	0.56264051
3.76138934	1.69627228	2.88025755	2.89078925	2.68756788	3.81565097	3.54902981
3.64655172	2.27801923	2.23410726	3.48802245	3.16602254	3.5155976	3.8492177
2.35082673	1.00E-04	2.62951137	2.63828837	2.61086378	1.82806875	1.11640896
4.53813202	4.24986662	5.02271821	5.30814492	5.50778245	3.64795058	3.9750387
2.45921053	2.8527056	2.20327193	2.52091921	2.69938025	0.68203783	1.76238831
0.90993011	1.00E-04	1.33188323	0.36720101	0.40837249	1.00E-04	1.22180816
4.3002782	2.39822578	2.96005499	3.13212224	3.19709076	3.80135835	3.7525165
4.34562253	4.09093471	3.96019993	3.86182744	4.16205951	4.72235535	5.08092012
3.04454543	0.92068596	2.15440487	2.28929212	2.93725913	2.52411205	3.41064909
1.00E-04	1.00E-04	1.00E-04	0.24290446	0.31375144	1.00E-04	1.00E-04
0.11219505	1.00E-04	0.69927162	0.73050429	1.5984604	1.00E-04	1.00E-04
1.51535767	0.68407235	1.31004708	2.89422116	1.73230605	1.44286217	1.00E-04
0.64727198	1.00E-04	1.00E-04	1.24683635	0.41887084	1.00E-04	1.00E-04
3.02502996	3.19872182	3.84668095	4.62128147	4.38784072	1.50327964	1.29750152
4.18231896	1.00E-04	1.84558932	3.62102879	3.75103194	1.31757904	1.45751699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.71958349	2.99866254	2.74182258	2.19300039	2.87398419	1.14924902	2.72960358
2.40814756	3.18616796	4.13789546	4.87567475	4.94243445	1.40030119	1.00E-04
4.76196946	3.09791975	3.82475499	3.97876377	4.11511336	3.69727518	3.90993127
3.91956962	1.21891	3.167117	3.90296754	3.81865696	2.44545443	2.46347364

5.16469265	3.3660154	4.82502879	5.55642448	5.31224561	3.34697227	3.63539064
2.26595581	2.71297298	2.67008093	2.14639384	2.83184407	1.30530732	2.39967494
6.02927319	3.43313609	3.76318526	4.72054519	4.71870189	4.06103431	4.30791794
0.17385489	1.00E-04	0.23485653	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24301843	1.74910986	0.27606399	1.00E-04	1.00E-04
0.14298124	0.74506998	3.26197127	2.99569106	2.82284054	1.00E-04	1.33164339
4.25389981	3.134684	4.10694053	4.273482	4.05654237	4.16202175	3.86702777
3.00270263	3.24974203	3.00544131	3.07169727	2.61293948	3.41694491	2.85091782
3.51074736	3.80330411	3.95570175	3.92639659	3.85289749	3.43592412	3.81790693
4.66017115	4.55390556	4.35932491	3.77051321	4.14105428	4.49315655	4.91380985
1.00E-04	1.00E-04	1.00E-04	1.42428179	0.08815268	1.00E-04	1.00E-04
3.05834468	1.28142983	1.69065517	2.45169337	2.17008492	2.51571766	1.9878458
1.00E-04	1.00E-04	0.75541224	0.09393249	1.00E-04	1.00E-04	1.00E-04
3.9841093	3.55576296	3.9526299	3.985634	3.84738055	4.02045742	4.07749217
4.80461555	3.71333829	4.20105298	4.04740176	3.94681907	5.05072707	5.50133389
4.05990349	1.71913671	2.9996358	2.82528243	2.83802045	3.9004559	4.33535499
3.32915131	1.48661538	2.90524424	2.44015458	2.52061685	1.92929159	2.41553624
2.82996898	0.87456952	2.13760939	1.80531259	1.70385998	3.24732847	2.52013011
3.02610779	1.00E-04	0.92171268	1.56076422	1.25205386	4.659133	4.55510056
4.42597266	1.21891	2.93259145	2.91931506	2.56019373	3.79759404	4.04290064
0.24139521	3.07468423	2.29408877	1.89776023	1.75441291	1.00E-04	1.00E-04
5.20159696	4.16416863	5.40526423	5.16355461	5.23875106	5.173809	5.21409721
4.9603152	4.39338208	4.48597404	4.63924583	4.47048431	5.23135919	5.26637385
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.26017362	1.1971089	2.24121377	1.78459878	2.18081114	2.43978662	1.78141236
4.14368055	3.4895241	3.77102827	3.33649333	3.7333094	3.68760118	4.05865295
3.05913832	1.68646138	3.00254528	2.45315544	3.10177955	3.20582911	3.04284135
2.57792785	1.43715915	2.35132271	1.83764804	2.31393716	2.07329294	2.6220825
3.19442766	2.89670592	4.02356682	4.1671379	4.01945867	1.9731074	3.27807427
3.85419896	1.82956341	2.53173002	2.38685023	2.29657059	3.16348119	2.79979355
2.88452075	2.63193444	3.8285309	2.95562657	3.23858996	2.10375017	2.01450726
4.91797485	3.55862835	4.53509025	4.17766778	4.01736284	4.41593299	4.57781863
3.45979897	1.13651828	3.07199747	2.53327799	2.53507346	3.68133002	3.57216474
4.8650541	3.57712861	4.49312299	4.55377777	4.92513384	5.23583703	5.52765257
1.57574745	3.23823534	4.62246144	3.57219733	3.56216973	2.45755983	1.18453576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25261872	2.4426669	2.136864	1.86749623	1.76607747	1.00E-04	1.00E-04
1.88703289	1.00E-04	1.15352661	1.45325838	0.70084656	2.48678013	3.21054364
1.00E-04	1.00E-04	0.23050322	0.06796023	1.00E-04	2.1541699	3.0555363
2.5981413	0.96847026	1.1610955	0.84924905	0.98972479	2.81220284	2.27125801
3.16802102	0.72877389	2.87768948	3.19853644	3.30437286	2.24030405	2.25401868
3.31769473	2.5785126	2.59918559	3.03880682	2.34007321	3.43701599	3.24366521
4.83945097	3.24214508	4.73254362	4.1873017	4.156292	5.0355384	5.17131893

1.00E-04	1.19880434	0.82476115	0.31688545	0.38608924	1.00E-04	1.00E-04
3.17045582	2.13122177	3.00873335	3.09533434	3.09507015	2.92411059	2.83918588
1.57603513	1.00E-04	1.30104878	1.96734776	1.75545013	1.00E-04	1.13726808
0.50258216	2.83421043	4.03254911	3.11470339	3.06709958	0.81755274	1.00E-04
3.94894653	2.91248276	3.40269277	4.07081686	4.29983124	1.99141013	1.81472426
1.00E-04	1.00E-04	0.1313489	0.32986295	0.33170495	1.00E-04	1.00E-04
1.00E-04	2.85022635	1.39987585	1.97159725	1.87616113	1.00E-04	1.00E-04
3.50661948	2.49975224	3.0838986	2.66982205	3.28302835	3.19724958	3.87814284
3.01406213	2.57209038	3.56708828	3.59578798	3.02131239	2.48766803	2.0840867
5.27759047	4.73121549	4.69272326	4.12401977	3.79643747	4.52190218	5.23317147
3.8255916	2.11732123	3.85891291	3.26573419	2.92729815	4.49495351	4.65720021
3.97420539	2.38776512	3.43430754	3.37034059	3.50063338	3.55160717	3.93685438
3.4819759	2.31822756	3.54848784	3.56813715	2.91871291	3.52271393	3.32922005
0.75467671	1.00E-04	1.00189511	0.37206322	0.76466868	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33731004	1.00E-04	1.20316741	1.00E-04	1.00E-04
0.93222528	1.00E-04	0.87555073	0.79112113	1.00909691	0.62567961	1.502599
1.0534425	1.00E-04	0.23318374	0.26257921	0.21894683	1.00E-04	1.45960657
5.2654749	3.77661539	6.31190192	4.60206541	5.05122176	5.8576161	6.94028376
3.36045136	1.55641552	2.97150654	3.06144245	2.71947696	3.36632603	3.3276649
2.32136299	1.00E-04	0.64516053	0.47131325	1.01815508	0.88323491	1.1585344
2.18423917	2.01254005	3.38570457	3.10545693	3.65488255	1.2927224	1.27768348
3.18056672	0.8358776	2.64570299	2.75755005	2.80664136	3.33891639	3.17332073
3.21164017	3.6410309	4.03519054	3.34326007	4.00399572	2.60505108	3.20732762
0.26429471	1.00E-04	1.00E-04	1.00E-04	0.15653713	1.00E-04	1.00E-04
0.60843523	1.52844921	1.43617478	1.5764675	0.8538165	1.30530732	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1690662	1.00E-04	1.00E-04	1.00E-04
1.15354524	1.3386578	1.2217784	1.30440588	1.21906616	1.69376365	1.12271955
3.9740213	2.15227366	3.15527515	2.84811762	3.59307442	4.20935899	4.63261159
1.98549182	1.00E-04	2.12746595	2.51611147	2.04101336	1.00E-04	1.73275236
1.71558383	0.71640521	1.52876735	1.55097802	1.93572996	1.77920782	1.13008342
3.35064582	2.34418567	2.84926045	2.66641492	2.81231322	3.37856748	3.4843746
1.04319358	2.28403029	3.06702314	3.18135161	3.3004299	2.24613779	2.60619482
4.11217111	1.24426431	3.15867437	2.90832271	3.40479729	3.82370793	3.46929461
5.47817115	3.63930487	4.75115842	4.28441597	4.76150224	5.70024748	5.91201057
0.42421334	1.00E-04	1.13733772	0.32020829	0.17638133	1.00E-04	1.00E-04
4.79505563	2.12276296	4.08096265	3.79431073	4.05660188	4.67016006	4.59959895
3.16264883	2.43880475	3.45664422	3.15853843	3.18590211	3.45298964	3.66725315
3.53588035	1.80692789	2.86735759	3.14470426	2.19504295	2.87523408	2.75045454
2.42332623	3.06148361	4.21728429	4.02074834	3.7225855	1.00E-04	1.00E-04
2.91235862	1.47928794	1.69909655	1.37977228	1.77005011	2.36227965	1.83033499
3.32568871	1.87863369	3.39461817	3.65764779	3.69321078	1.33511265	3.37436644
2.76053881	2.53759881	3.57106018	3.74609814	3.90740836	0.86319656	1.75134308
4.00599159	1.19051366	2.9531494	3.83573024	4.11927392	2.22146023	3.04795398

3.19346305	1.97568575	3.31170983	3.09357081	3.11061583	3.73787652	3.09800113
4.25155738	1.91274429	2.94536985	3.29793651	3.70702947	2.99739899	3.17195356
1.37719036	1.00E-04	0.74308249	0.42630791	1.33767419	1.00E-04	0.316869
5.19406428	3.67661098	4.62549057	4.31718779	4.32574342	5.29139409	5.41664026
3.88326176	2.37919638	3.11310631	2.32614651	2.69553219	3.58905418	2.7653567
4.75002058	3.37007156	3.8459158	3.6481003	4.17318641	4.69505584	4.82424784
4.12029206	2.89039892	3.77140189	3.13259613	3.34034537	3.95821221	4.20150952
2.81368311	2.48895257	3.65073236	4.03315273	4.1966936	3.23157777	2.83705444
3.6991212	1.79397894	3.18647276	2.80048944	3.49606004	2.53410093	3.46873491
3.76653606	2.92534741	3.6604863	3.29201107	3.55186121	3.65475032	3.94305353
4.04745953	3.40248492	3.37338823	3.69403712	3.63526369	3.40949331	3.56554243
0.28223677	1.63099207	3.02644735	2.61536538	3.3127084	0.89799762	1.00E-04
3.94327514	1.00E-04	2.48266039	2.64404125	3.53879693	1.80121395	2.8811678
0.23600667	1.00E-04	0.78027157	0.11130594	0.3010915	1.00E-04	0.89038937
5.77074521	5.09374184	5.18165677	5.18443174	5.1663174	5.8778923	6.23387276
4.48093221	3.78279176	4.89709273	4.37723179	4.28473777	4.97968309	5.1226644
3.55587375	0.7902481	2.41991318	3.21655909	2.99372688	0.81859263	2.29915347
1.08462938	1.00E-04	0.06880281	0.38887393	1.00E-04	1.00E-04	1.00E-04
4.47342314	2.55457141	4.27334905	5.1022075	4.63285905	2.81962628	3.82225696
0.26372096	1.00E-04	0.43253174	0.07577735	0.30413312	1.00E-04	1.00E-04
1.54343474	3.70557088	5.09506002	5.76705689	5.5475467	0.96326844	1.54596189
1.60877905	2.89349751	3.69299009	3.27755651	3.2862121	1.00E-04	1.00E-04
0.43804949	1.00E-04	0.89928867	0.62157515	0.61661791	1.00E-04	1.82053584
3.32623377	5.24302146	5.09990454	4.61013752	4.65222921	5.83350224	6.20611669
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69870374	2.09881144	2.71107417	2.38475811	2.50130923	1.82674022	2.87115729
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	5.45079174	5.49087627	4.86015866	4.65653001	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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3.4790479	1.3386578	2.31808317	3.25578991	3.18992808	1.61312413	2.18484496
4.02224673	2.15366966	3.15045221	3.16947032	3.09958695	4.37814266	4.04562644
3.38864145	2.22231582	2.16103946	3.10699199	2.68672744	1.97968517	2.51952391
3.88704916	1.66119315	3.02461452	3.79704405	3.96803507	2.35463816	2.24674833
0.58050234	1.00E-04	0.84122666	0.28567218	0.4806926	1.00E-04	0.46517855
3.25752201	0.92068596	2.90043882	3.15173995	3.30597879	2.21250332	0.55712436
2.6862823	0.79637057	2.11060234	2.33480279	1.94042837	2.26925346	2.31694257
4.75066633	2.73529922	3.9609989	3.57716646	3.74420675	4.89974089	4.61600421
2.58870222	1.94857441	3.62303426	3.66560584	3.70870987	2.61218198	2.42755271
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1.00E-04	1.00E-04	0.16653646	1.00E-04	1.72410606	1.00E-04	1.00E-04
4.08518024	1.37956598	3.33998204	3.68950151	3.57639352	3.65809739	3.87633347
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3.15173365	4.14602728	5.05471154	4.86787952	4.81270298	2.83499025	2.98409719
2.41541236	1.00E-04	0.46913218	1.59000564	0.25960266	1.67812542	1.5853336
1.5043832	3.9976097	4.70175253	4.32335936	4.50529855	1.88260498	1.47065192
1.00E-04	1.00E-04	0.09811645	1.00E-04	1.00E-04	1.00E-04	0.40038755
1.92169706	3.59025755	4.31065078	3.70608586	3.65316232	2.85291268	2.7285808
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7.86162675	4.73993607	5.8050986	7.0883292	6.99810398	6.42940748	6.19252349
7.15065509	5.06989817	5.58738936	6.70706678	6.48551294	6.00606042	5.62302545
6.81024889	4.19591312	4.88909061	5.6966225	5.74109593	5.56648469	5.17193085
7.00373704	4.68877835	5.65460053	6.67173453	6.44870704	5.53730978	5.49028621
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6.8863355	4.39089703	5.05615137	6.29875892	6.17276241	5.18347343	5.01521935
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7.65248475	4.90215209	5.96895394	7.02804386	6.77033963	6.28921414	6.07063909
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5.20801779	1.95725767	3.20801406	4.53907688	4.51862726	3.78017354	3.7326609
6.80102899	4.44516109	5.21584915	6.12550676	5.9180572	5.00060161	5.17223291
6.8851098	2.29674013	4.64362712	5.72607244	5.66774982	5.38272524	5.18162997
6.70494893	3.05988824	5.07610222	6.28281367	6.0444044	5.34764077	5.15220829
6.21024445	3.70415544	4.22137026	5.68202328	5.42242184	4.94053068	4.360657
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7.42286575	3.84055141	5.67248648	6.85190264	6.69123719	6.03728461	5.78894572
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4.43528932	1.37265105	2.76308723	4.07054816	3.59904186	3.02326772	2.83588325
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7.59970028	4.44477357	5.72106266	6.85815747	6.67686036	6.12743843	6.02988271
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6.17800083	3.62623959	4.1364966	5.46821888	5.17420027	4.60159518	4.61740056
6.85002468	4.22873759	5.19167833	6.13554093	5.99199725	5.473662	5.25503592
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6.77462438	3.39131863	4.91082492	6.23980616	5.89207813	5.39244897	5.12268925
6.60080948	4.06258347	5.33714774	6.22805719	6.08077725	5.29458906	5.32247187
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7.01548742	4.33323206	4.72777259	6.11792621	5.76358965	5.43648326	5.23958173
5.57181227	0.8339972	3.64884319	4.31836247	3.70841616	2.91383972	3.66194122
6.59508904	4.30627965	4.87891969	6.16351871	5.69501755	5.19871156	4.75053154
6.94491488	3.03874353	5.1198677	6.20354137	5.91489703	5.46147967	5.29922813

4.83876303	2.62105095	3.43526747	4.61271274	4.06408445	2.60549423	2.7078933
1.90986661	0.87612072	2.04792176	2.85480732	2.48500204	1.8808954	0.49725191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.98323355	4.87476103	5.00678531	5.96389569	5.68348573	5.01006763	5.1088489
7.54742926	4.63492154	6.21946491	7.17794612	7.00184792	6.09652567	6.02180123
6.91406396	4.54527799	5.15358738	6.22745503	6.00316732	5.64353051	5.29649929
7.21020585	4.68147333	5.41054036	6.5087439	6.53328474	5.84988765	5.67128779
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3.4409805	4.28304692	3.79419534	3.65288671	3.41525966	2.66594118	3.10942891
7.09990977	4.9741998	5.70430976	6.60504594	6.49876974	6.00996891	5.81092738
7.0464259	4.8730186	5.6193925	6.60952047	6.48674056	5.74879385	5.36904871
7.0279322	4.75390177	5.55796541	6.73382919	6.56100509	5.55810793	5.39091678
7.94279956	5.25129728	6.25928454	7.40194964	7.22362777	6.3872645	6.27731163
7.13422678	4.35605102	5.32287137	6.33664911	6.17307773	5.5749235	5.49426008
4.47412189	3.49558656	4.81462024	4.9051213	5.09511335	3.58616994	3.5905949
4.38510897	3.48599003	4.25389032	4.32648524	4.65445867	4.01143943	4.47328104
3.29919496	2.26264545	2.86893638	3.16323913	2.56464578	3.18168139	2.53894986
2.99658933	2.37390681	2.37851576	2.73433479	3.52603735	0.62567961	1.66021935
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.18761989	1.00E-04	2.39542463	2.70327712	2.34507215	1.83412178	1.13205529
3.37269264	0.8339972	2.1801417	2.10953026	2.00685131	2.38602491	3.71701922
2.05339557	2.10147239	2.99032447	3.51682633	2.65936741	2.00425369	1.90221403
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22883961	1.00E-04	1.47668013	2.87350463	1.34117873	1.00E-04	1.39448971
4.69740534	3.43736332	3.42466199	3.05991389	3.45579343	4.02222754	4.31708832
3.67965976	3.52586906	4.02057401	3.41088025	3.67449162	4.34709986	4.14326759
5.16408318	4.61319588	5.0747046	4.62366152	4.53872912	5.38601089	5.78438993
2.16211145	1.00E-04	1.29324639	1.65629161	2.56095807	1.00E-04	2.06091017
7.43032904	4.1787726	5.37681741	6.44689793	6.25832366	5.82728746	5.72072209
7.07777545	4.24746481	5.43874808	6.29650962	6.18444699	5.51723577	5.37277029
7.49495991	4.94289843	6.03976693	6.88656536	6.76111606	6.0659434	6.0375928
7.11377617	3.84308334	5.01140485	6.30506211	5.99640895	5.41897177	5.27240386
7.44926418	4.82253632	5.79753458	6.85150299	6.71255488	5.92486086	5.95819606
7.44628595	4.60278873	5.98335205	6.82284597	6.66837056	6.07543403	6.03723736
7.13469345	3.34313875	4.76144151	6.20042998	5.93418002	5.52850731	5.42430013
7.20238569	3.21471113	5.29347109	6.52658519	6.26974111	5.5184287	5.54732845
6.18068032	2.57900433	4.6997422	5.71916082	5.41680797	4.95767498	4.81643457
8.25362905	4.89912775	6.10507114	7.33254435	7.16666729	6.91025255	6.5986949
7.76810985	5.06607237	6.06976939	7.04054153	6.84688522	6.34319715	6.26785356
4.14570648	1.472772	3.56159266	3.65141369	4.11658845	3.08519888	3.13243536
6.67094531	4.01095319	5.35416176	6.33277109	6.26929304	5.44334783	5.12511644
7.46115707	4.52938225	5.64248309	6.72994491	6.48351205	5.89264122	5.63960865

7.02306184	3.56271946	5.06579089	6.16390474	5.97883551	5.78316128	5.45625773
7.50375163	3.94850848	5.51229497	6.79621521	6.70961697	6.16398727	5.82472735
6.13480555	3.82054846	4.76793686	5.70695874	5.44620577	4.92999047	4.96993009
6.21922733	3.01492167	4.25720305	5.59636978	5.28354004	4.43276705	4.60702029
6.93718748	4.44627416	5.28420361	6.34287026	6.17817628	5.50730453	5.24855689
7.01097906	4.14595324	4.62675522	6.03104451	5.83000763	5.34360868	4.97044114
4.16264993	0.87612072	2.07424629	3.26266818	3.00125643	2.20711907	2.50528129
7.98755916	5.07791228	6.0271005	7.17949852	6.9788473	6.23190027	5.7991952
4.45857919	3.50586804	4.09447137	5.2009555	4.90565958	3.08763332	3.74436017
7.37735459	4.3534293	5.61077286	6.74146999	6.57355267	5.76901323	5.77163862
6.85630986	2.83536909	4.81562671	6.02846798	6.03546239	5.50889995	5.29372091
7.0810793	4.37515676	4.98762094	6.22183583	6.11570222	5.85100006	5.3624927
6.91741207	4.26100054	5.51834024	6.56054815	6.42745226	5.83320975	5.38522323
6.34757162	3.9916537	4.78715504	5.83906481	5.36734297	4.4731592	4.87933845
4.38179424	2.94362362	2.97080127	3.79993486	3.20529929	2.56614773	2.80360589
7.16150641	3.77751366	5.32654178	6.47612439	6.36135557	5.59397214	5.49663838
4.60390301	3.34190761	3.73314673	4.0145989	4.11469182	3.95616053	3.95669663
2.16807681	2.96757603	2.8239235	2.02950465	2.16320365	6.02058045	6.31650209
4.6053874	4.62205844	4.59460778	4.39206948	4.47370423	6.18335747	6.02106841
3.65742195	1.49425949	2.21206134	2.39108729	2.4802268	1.42899598	2.55152927
5.66298497	4.40722787	4.35483991	4.20703009	4.12811027	5.77018553	5.45893017
1.2437486	1.48548809	2.46030605	1.53395952	1.29442755	0.46029024	1.51211526
4.41739993	2.20240244	3.81523257	3.63339569	4.03151709	4.55955878	4.76612527
2.71488898	1.08649412	2.00001131	2.52202736	2.29526974	2.90082075	2.73992974
5.08250477	4.31885654	4.73012576	4.03959429	4.26213964	5.45480775	5.87345265
1.81344358	1.00E-04	0.69908589	0.68895513	0.96832911	1.00E-04	1.00E-04
7.66045177	4.68276531	6.08958591	6.96486473	7.01909792	6.18113254	6.21436452
7.63095189	5.13219296	6.1972037	7.34002099	7.062278	6.27719005	5.98301653
7.28792752	4.4720949	5.97833107	6.81222476	6.64822369	5.93817416	5.84796679
7.0214789	4.11878743	5.19110891	6.30235339	5.99691287	5.59297226	5.34626278
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.77006224	3.15351247	4.37660952	3.76827631	3.93220602	5.10796948	5.25447852
2.10686836	1.39420177	1.68740617	1.64828832	1.17391917	1.67798501	1.0162502
1.7682263	1.00E-04	1.59028461	1.27423369	1.63505159	1.00E-04	0.81245127
2.19611755	1.00E-04	2.16402431	2.11117244	2.37402813	2.26632719	1.48328301
3.30577468	3.46689889	2.77135231	2.40827819	2.80178169	3.18910225	3.14977872
0.54691558	0.87612072	0.58726925	1.00E-04	0.22938667	0.95637875	1.16048721
3.29565469	3.13464762	2.93536555	4.09065326	3.6061415	1.74197681	1.31346354
2.38195055	1.54789829	2.00160814	1.66335072	1.78619502	3.05514304	2.07771284
3.67472791	1.54471013	2.87963559	2.95332929	2.8261832	2.04606368	3.25527607
2.86405858	2.57040851	3.88786611	4.02355284	3.98079563	2.65356214	2.74889994
2.84870657	0.69779233	2.38297255	2.58826154	3.18456769	1.79605755	2.01782964
5.15109226	3.10293932	4.17529777	3.85020123	3.56106643	5.56856237	5.47202554

4.25073332	4.21121664	4.93431618	4.59417559	4.49463873	4.23993531	4.22855692
4.85409274	3.72182317	4.79055506	4.24955985	4.59604377	4.87551845	5.01714109
0.58198452	0.8358776	0.8557817	0.36836463	0.37580355	1.00E-04	1.65380487
3.44643684	1.28532547	3.05117488	3.35044671	3.1402357	4.22253623	4.03699336
1.26409883	1.00E-04	1.35151145	1.85121504	1.83871763	1.00E-04	1.49093336
3.87424332	2.21111628	3.3031877	3.39009804	3.1699234	3.13681062	2.71921376
3.16644613	1.59086904	2.79440744	2.06939734	2.4946977	3.4459984	2.72484813
3.1485818	1.00E-04	2.85044947	2.34408098	2.73809246	2.24697708	1.97229216
2.80769328	1.21891	2.83803643	2.82609486	3.32648624	2.7283729	3.32228705
3.04194465	3.31191731	3.65877406	3.06078439	3.49315264	3.15379082	3.31382578
3.54539176	2.4219976	2.99783791	3.30632666	2.79769286	3.29572057	3.70004515
3.97844926	2.14492521	2.82979395	2.83997848	2.45296421	4.13611286	4.11445996
3.97062229	1.97017223	2.74704537	2.42968904	2.76252381	3.11771063	3.50456147
2.5546907	2.1672715	3.27884382	3.30367252	3.33231449	2.32829897	2.94531952
2.55631837	1.59341216	1.41595505	1.65630982	1.58806257	2.32925694	2.83514301
2.12531095	1.00E-04	1.69486365	1.45093682	1.50733645	2.12007889	1.84078376
1.538325	1.37137101	1.99110365	2.37726838	2.18876293	1.97337082	1.12406876
0.64836082	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22089908	2.03138967	1.85249063	1.37181615	1.91638821	1.90564579	1.44498222
0.63436793	1.47177784	4.19288774	2.13598901	2.2601213	1.72419978	3.14152031
4.30638758	3.02012719	3.74766648	3.48470517	3.45554905	4.08469517	4.27601178
5.04297327	3.30014436	4.59147683	4.23282747	4.33424831	4.91416812	4.72489602
5.49000774	3.88562611	4.98139722	4.67344432	4.76802037	5.64428317	5.95501225
1.27327126	1.1971089	1.4303786	2.04331167	2.01892466	0.46029024	1.00E-04
4.03077482	2.79708901	3.74412458	3.8939393	3.96613658	3.61723477	3.74829655
4.78055815	1.28232395	3.54505214	4.23539127	4.21984119	4.33015051	4.00520992
0.95093062	4.71654756	5.54218279	5.89579612	5.79956505	1.00E-04	1.00E-04
0.64074961	4.21617385	4.49741649	4.70734924	4.6386599	1.00E-04	1.00E-04
1.78711334	2.37999547	3.81366372	3.17375651	2.93798066	1.64068988	1.33070969
1.03271735	4.10904031	4.58177451	4.70806823	4.95615532	0.96326844	1.37898166
1.51698602	1.00E-04	0.24003656	1.00E-04	1.00E-04	1.00E-04	1.32208337
1.92838494	4.11274806	5.0639989	5.60108081	5.42821496	1.00E-04	2.59516717
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59300981	0.72877389	0.36452592	0.28322782	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.3126635	1.89879471	3.33673473	2.84300051	3.20082124	3.6589605	3.34797533
5.27000491	4.03513124	4.46705759	4.21776426	4.21760711	5.35922573	5.39519437
5.02635979	3.62404825	4.45857105	4.75736529	4.55143141	4.34491624	5.01885961
5.74493907	4.27765664	5.07096557	5.024446	4.96898613	5.61403862	5.37144607
4.81288129	3.6116405	4.34544457	4.01241156	4.24153322	5.17445758	5.47520387
1.00E-04	1.00E-04	0.19387192	0.44872647	0.60367285	1.00E-04	1.00E-04
3.54209525	4.02101257	3.19841701	3.25396314	3.93175252	3.73195995	3.51120668

3.73081749	1.37265105	3.26245276	3.45333726	3.59459685	2.80305131	3.39414311
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.74585517	0.68407235	1.67967374	1.98244773	1.72571707	1.00E-04	2.55410845
4.63199216	3.13966186	4.00910794	4.0673623	4.44266843	4.04530312	4.61035042
4.18463443	3.81412397	3.73534519	3.81924469	3.71813955	4.09345484	4.28152658
0.06718044	1.00E-04	0.24274574	0.10561401	0.12233227	1.00E-04	1.00E-04
0.64482327	1.00E-04	1.50603294	0.13328809	1.48068857	4.7926457	4.11411918
0.57966201	1.00E-04	1.2323942	1.03074213	0.60901804	1.00E-04	1.38725715
1.06506751	1.00E-04	1.225044	0.99748165	1.26865615	0.94543129	1.55765832
1.85426202	0.8339972	2.0981711	2.00312004	2.05303562	0.95102466	1.85993548
1.00E-04	1.00E-04	0.0996928	1.00E-04	0.15290548	1.00E-04	1.00E-04
3.53812123	1.45207003	3.30984395	3.53246443	4.28510333	1.64806397	2.55370297
1.51454332	1.28532547	1.35681454	1.39264851	0.8456624	1.44286217	1.39773885
4.84656179	4.3898758	5.06705375	4.98591438	4.95595053	4.60759666	5.15350239
5.54649994	5.13360489	5.5964763	5.59167569	5.66101071	5.15962997	5.39933971
3.47001566	1.00E-04	2.43023729	2.06375064	2.27349132	2.03456546	2.42631956
0.26433475	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42074121	1.3386578	1.21416116	0.86688083	1.02792877	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11998372	0.14136026	0.12233227	1.00E-04	1.8414712
0.22816858	1.00E-04	0.64495526	0.34283543	0.57411616	1.56256829	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36564944	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.803659	0.68407235	2.16932036	2.57844912	1.72404648	1.00E-04	1.40940033
0.2626046	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.47131216	2.91256158	3.95379076	4.67949751	4.38717365	3.32073187	3.42338442
3.83154139	1.70757321	3.08509507	3.1940999	3.20569854	4.29509676	4.52887102
5.57407157	1.00E-04	1.75023217	0.30045371	1.21885604	0.95637875	1.87025143
4.82660938	3.724108	4.30009234	3.89657029	4.27464449	3.99562205	4.19930952
3.26189439	2.05454146	3.13782251	2.85869101	3.37523318	3.72855844	3.8325767
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0.66571178	1.00E-04	0.41952065	1.00E-04	0.12792029	1.00E-04	1.45944068
2.79159912	1.59826456	3.13188828	2.77626814	2.93237395	2.27173315	2.69390035
1.00E-04	1.00E-04	0.56642774	0.41367066	0.94347851	1.00E-04	1.00E-04
2.68958469	1.00E-04	0.91964897	0.93641734	1.06482271	2.58798825	3.58684584
5.71913765	4.38956112	5.68870144	5.49190912	5.60122153	5.8713597	5.91035098
0.25672149	2.00622915	3.0241138	2.1593052	2.38443474	1.9074847	1.69864193
6.08520757	1.97921234	3.38243954	2.81500882	2.85991952	5.86052513	5.94273799
4.18927447	1.1166062	1.88835538	2.08666973	2.75726485	4.67998132	4.75842761
1.90506751	2.37390681	1.94384588	1.99567358	2.14149551	1.87503956	1.93789371
3.26888479	2.11745044	3.52100167	2.93697801	3.29919377	2.54889556	3.32317625
2.96674133	4.04037825	4.97423819	5.17030923	5.1512846	2.17555883	2.87781842

2.78301462	2.41614887	3.96035634	4.34414182	3.64567964	2.45175784	2.8348591
4.4131528	1.49998697	3.44492947	4.5700087	3.73668557	3.09076595	3.4697527
1.55741394	0.79637057	1.73790164	1.51146764	2.1099902	1.00E-04	1.00E-04
2.93903675	2.57177501	2.22467669	2.50198981	2.72494957	1.50020936	2.34068254
3.06433357	1.57309426	2.83479495	2.42681497	3.03119402	2.41013578	2.3617611
3.32028032	1.57825047	3.04358593	3.50374611	3.25586947	2.42746854	2.07463197
0.52797427	1.00E-04	0.09495869	0.42117065	1.00E-04	1.00E-04	1.9326524
0.4100405	0.8339972	1.41473493	0.7249515	1.65844132	1.00E-04	1.1787663
1.00E-04	1.00E-04	0.3429257	0.18427827	1.00E-04	1.00E-04	1.00E-04
2.02263191	2.21748667	3.27219439	2.50813468	2.85539462	1.84053869	2.4021525
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1.00E-04	1.00E-04	0.794034	0.49136657	0.41352146	1.00E-04	1.00E-04
3.19994551	2.51553114	2.63599772	2.46554981	2.74517188	1.5917951	2.45565027
4.20589581	2.99807063	4.10374992	3.78774607	4.18794187	4.92531404	4.71542214
3.51883767	3.50721401	4.18136535	3.71126525	3.49327638	4.00797796	4.0939257
2.15423989	1.00E-04	1.57179836	1.45636419	1.30636187	1.31151447	1.39014223
3.05474332	2.02918174	3.29376141	2.68025403	3.28328217	1.9353572	3.75143093
0.99555945	1.00E-04	0.67219174	0.16686557	1.76163017	2.1158148	1.00E-04
4.26125805	1.00E-04	0.63495524	1.09828446	1.26085279	1.00E-04	1.60075872
5.67988788	4.83027109	5.51633511	6.03603183	6.08399034	4.06725251	4.95651216
5.36306302	4.16659266	5.30054585	6.60601717	6.21704863	4.16888696	4.1628121
1.8188157	0.68407235	2.20161146	2.56355596	2.51030754	1.24943905	1.03441279
4.39901277	1.41801369	3.23683842	4.15316859	3.0406124	1.00E-04	1.00E-04
1.00E-04	0.87456952	1.15392444	2.31946621	2.8754292	1.00E-04	1.00E-04
0.27611176	1.00E-04	1.81949196	1.77422465	2.99318592	1.00E-04	1.00E-04
2.7395555	0.68407235	2.37164861	3.38047403	3.61253653	2.26712487	1.7179748
0.44967763	1.00E-04	0.07348386	0.20992581	0.29024631	1.61211528	1.00E-04
5.60649399	3.5721435	4.11890324	5.71929938	5.40906176	4.88384971	5.21999954
1.00E-04	1.00E-04	0.24069391	0.21220973	0.25135426	1.00E-04	1.00E-04
6.57410988	6.02501899	7.22400387	7.99540441	7.63379552	4.89323986	5.3809521
1.81091755	1.00E-04	1.57168206	2.38134809	0.53364559	1.00E-04	0.98620672
1.69360299	1.33582455	2.73104628	2.56675599	3.83327656	1.00E-04	1.75790601
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19507903	1.00E-04	1.00E-04	0.09749395	1.00E-04	1.00E-04	1.00E-04
1.39495009	3.6660779	5.40423967	5.73099633	5.71656652	1.00E-04	2.4244578
4.12715103	3.40631984	2.73552454	2.9385571	2.63864472	3.06749128	3.44528866
3.4962422	1.00E-04	1.00E-04	0.61145125	1.00E-04	2.7087322	2.08360091
1.859687	1.00E-04	0.14442053	0.30662485	1.00E-04	0.94543129	0.40038755
0.42210612	1.00E-04	1.00E-04	0.1010866	1.00E-04	1.00E-04	1.12271955
2.77664165	2.85390194	0.62856954	1.76298728	1.03885037	2.29152731	2.85001321
1.00E-04	1.00E-04	0.70429697	0.43137396	0.81730461	1.00E-04	1.00E-04
0.06336707	1.00E-04	2.24086251	0.24275783	1.22352969	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.82651037	0.10924105	0.59430667	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.93108716	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37070333	1.48675905	1.59779799	2.0436793	2.35298257	2.33971927	2.92556895
0.95470867	1.00E-04	1.1526386	2.09197987	1.25746976	1.06582712	1.00E-04
4.36079805	2.47717149	3.64798566	3.5081	3.27754146	4.62023643	4.53970733
3.82579115	1.00E-04	1.75736557	0.83995444	1.992137	3.80350976	3.94131171
3.63966569	1.86348955	3.18256898	3.35990073	3.10982529	3.66037996	4.02715924
4.67693085	4.05100441	4.47019286	4.31211795	4.18409323	4.81652582	4.76903097
4.29795895	3.96103334	4.13402747	3.73423471	3.74300563	4.49619086	4.38513829
1.6692725	1.00E-04	0.52855043	0.15450124	0.35751046	0.97058651	1.18035161
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09020196	0.0824918	1.00E-04	1.00E-04	1.00E-04
0.29843439	1.00E-04	0.24252975	1.00E-04	0.26666816	1.00E-04	1.00E-04
2.74761364	1.48083751	2.54315061	2.62446456	2.80739418	2.34931456	1.71281053
0.46086597	1.00E-04	0.62613377	0.51839731	0.97990173	1.15746526	1.00E-04
0.28732135	1.00E-04	1.00E-04	0.21691057	0.17713548	1.00E-04	1.00E-04
3.88687966	4.08885996	4.7612975	4.13113692	4.35474571	4.1535933	3.70028299
1.85508458	1.00E-04	1.43237735	2.06186755	1.67216198	1.64310791	1.00E-04
0.51871209	1.00E-04	0.07525628	0.29046977	0.34657469	1.00E-04	1.00E-04
1.78668743	4.56963019	5.08489016	5.01429817	5.2354871	1.00E-04	1.78946277
0.86267587	1.00E-04	1.00E-04	1.00E-04	1.00E-04	3.33033859	3.80806581
4.17555053	3.36513	4.75684601	3.64978485	3.97218414	3.51361754	3.87856795
3.4087204	2.99939128	3.53887339	3.09554045	3.08359038	3.75729502	4.09531898
1.00E-04	1.00E-04	0.16411879	0.13973645	0.08815268	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08223591	1.00E-04	1.00E-04	1.00E-04
4.37164709	2.39791269	3.11184455	3.1825256	3.31657952	3.91504873	4.01075846
2.80496965	1.00E-04	2.8632685	2.37829265	2.25084148	3.21150414	3.42465177
3.44933511	1.52102673	4.31933971	3.31518205	3.54582425	3.60956666	4.27525744
5.08486811	3.76515105	5.19021028	4.68127602	4.89413599	4.82004785	5.13172783
3.15645795	2.04231765	2.90101914	2.66141652	3.24830005	2.87010108	2.61375358
3.84057376	0.7902481	3.18373077	2.59559819	2.98361455	4.18938405	4.02610315
4.40865889	2.87768433	4.37581634	4.95385545	4.98334693	2.75765815	3.86516761
3.24588922	1.00E-04	0.75614108	1.88719388	2.0936247	2.86029441	2.84581588
2.43869685	1.00E-04	2.11927568	3.26890257	2.71803652	2.05512593	0.63328605
4.02716607	3.40313147	3.22065087	3.14134285	3.35535063	4.14677533	4.4176123
3.03821804	0.69779233	1.98108457	2.50918106	2.1829555	2.53310989	2.24546362
0.5607216	1.00E-04	0.87566112	1.78737542	0.85423063	1.00E-04	1.00E-04
0.47548168	1.00E-04	0.15967546	0.07577735	0.27318747	0.79838122	1.32208337
3.66893296	3.67506347	3.0963368	3.34571938	3.53490439	3.22439092	3.87495407
3.36657962	1.6982286	3.2368088	3.53471818	3.41015302	2.92542865	3.77826737
5.36638728	4.51715411	5.44122552	5.83974237	5.80020983	4.73521516	4.71185751
0.14735492	1.00E-04	0.17700506	0.08792613	1.00E-04	1.00E-04	1.00E-04
1.0211386	1.00E-04	0.29527186	0.54211161	1.00623023	2.26761834	1.00E-04
4.78881906	3.67852269	4.52290842	4.52662703	4.34292594	4.55957037	4.69599967

3.88354735	2.94274027	3.95098296	4.27513228	4.05493127	4.44327341	4.43414679
1.8033364	1.00E-04	1.69776856	1.61156522	2.27921757	2.1042441	1.5822527
3.3865609	0.68407235	2.734863	2.93479061	3.00083974	2.07758858	2.90344449
3.58913273	2.34019934	3.47434225	2.83968398	2.7767317	3.57631444	3.48673825
2.82547575	4.43266042	5.20661867	4.4872317	4.78553562	1.58630913	3.62656775
4.76926216	1.41136045	2.41248899	2.52485565	2.64229077	3.98028403	3.64552004
2.77616625	0.8339972	2.72945953	2.11936702	1.4159879	1.78085084	3.20468496
5.04676149	4.75262935	5.57351987	6.35235167	6.25250592	2.79697638	3.76580198
4.04373949	2.63183885	3.9391904	4.54125956	4.37737424	2.51263188	2.45324093
4.38155414	3.85997155	4.21460514	3.7704358	4.16265126	5.67486456	5.96274101
1.00E-04	1.00E-04	0.34629981	0.50782879	0.09863458	1.00E-04	1.00E-04
0.72793439	1.00E-04	0.14709038	0.76294196	0.33422746	1.61084065	1.00E-04
2.39914406	2.02100231	2.94372475	2.16004191	2.7643048	1.99132215	2.65736864
1.23447255	1.53741968	2.39251597	1.85511059	1.7509503	1.00E-04	1.52411068
1.65373808	4.48245319	5.34690219	4.69408523	5.02396988	1.4558187	1.83403033
2.78559291	1.00E-04	2.33566021	3.12880691	2.9922423	1.18574732	2.00142861
3.33852602	3.03079924	3.28811043	3.53117354	3.3031877	3.08968752	3.17714697
3.38857603	1.00E-04	2.84725214	2.6590786	3.23818101	3.05447819	3.28529731
4.518089	4.53311404	5.62415777	5.03147281	5.25371604	5.42930045	5.62653259
1.33185012	1.00E-04	0.75092542	1.67322174	0.91249617	0.9559646	0.7070202
0.16484259	1.00E-04	0.60764458	0.31722411	0.11711669	1.00E-04	1.5344211
4.69718584	3.68060683	4.65225779	4.52317255	4.76166426	4.56776647	4.86193747
3.90468287	2.16341884	3.47472717	3.19077861	3.35113329	3.35605674	3.95822494
2.1727973	1.77588778	2.31785935	1.93783282	1.47890438	1.83529186	1.85823979
0.98883342	1.00E-04	0.07963459	0.07008263	1.00E-04	0.81859263	1.00E-04
3.14702261	1.71676596	2.2298278	3.05422071	3.01525843	2.33734173	2.08616983
2.73677532	2.10040642	2.81527974	2.98108973	3.13726647	2.94579083	2.03746149
5.64928409	4.36490004	5.24283739	4.82509849	5.15151352	5.69407078	5.69160069
4.52836726	3.09220873	3.8221707	3.43186423	3.35217917	4.66613956	4.58540496
5.40641537	4.58686826	5.06586043	4.4723308	4.69500532	5.53635244	5.54422906
4.29808818	2.93660317	3.77371813	3.44278946	3.32889135	4.41805949	4.30068754
4.03081739	3.60158717	4.51004933	4.08351155	4.20049735	4.24595471	4.1287721
4.52356757	3.63875076	3.82225709	3.6265115	3.68810491	3.55671046	4.36462794
3.32065196	0.72877389	2.20618361	2.00450089	2.43764977	2.06522716	2.55399645
2.84526585	2.28592731	3.75091465	3.79428911	3.79527854	2.48845396	2.78376598
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17989602	1.00E-04	1.00E-04
3.9373326	3.33273491	4.22612672	4.94795016	4.71689326	2.81402206	2.46431823
3.7815046	2.28302783	3.5696779	3.32752377	3.63086244	3.69512577	3.76327201
5.58294999	3.56041912	4.7438024	4.10864576	4.16365553	6.44905167	6.68683278
1.00E-04	1.00E-04	0.42303223	0.08509915	0.92607625	1.00E-04	1.00E-04
0.24522927	1.00E-04	1.00E-04	0.07488174	1.00E-04	1.00E-04	1.00E-04
3.25531105	2.46848176	3.38130703	2.93549045	3.2456229	2.74273201	2.60626778
3.84102736	3.29401911	4.45444847	4.25593748	4.21877001	3.35780516	3.74756895

1.23552577	1.00E-04	0.57608215	0.56532551	0.54751963	1.00E-04	1.00E-04
1.1626516	1.37027069	1.55051609	1.9309419	1.62223183	1.21290128	1.85354999
3.64457212	3.23269146	3.87722231	3.98186449	3.80064066	3.63748336	3.445438
3.04941022	1.08649412	3.44700185	3.59600983	3.81100473	1.48634524	2.67925576
0.344714	3.4946646	4.54593547	3.42591129	3.54821378	1.00E-04	1.29505143
1.00E-04	2.54402537	3.78304154	3.44551726	3.4302376	1.00E-04	1.00E-04
4.75339832	3.34311599	4.10070944	3.8697125	3.81675269	4.97449319	5.32931936
4.96564524	3.91842256	4.47162296	4.14310098	4.40175686	5.42980139	5.73551974
0.7823154	1.55053519	2.69546203	3.41605965	3.63980058	1.00E-04	1.00E-04
2.74348097	3.23024734	3.42537905	4.52305826	4.27130887	1.00E-04	0.7070202
1.01306023	1.00E-04	2.88392648	3.44881854	3.39753286	1.00E-04	1.77760293
1.00E-04	1.57839446	1.39799271	1.46204723	1.15259375	1.00E-04	1.00E-04
4.55621706	6.8948505	6.39420044	7.5126864	7.47454057	1.80798668	3.90341295
1.64039509	1.00E-04	0.3992952	1.00E-04	4.79300856	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3584914	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69779233	0.61538858	0.22988114	1.45690619	2.0494473	1.77944267
4.64124523	1.00E-04	2.79741001	2.38561236	3.12288463	1.03288055	2.085319
1.00E-04	0.8339972	1.55830514	1.8404398	1.91506762	1.00E-04	1.00E-04
5.09855608	4.47995465	5.0492649	4.15357115	4.11113227	4.83820686	5.2150565
2.660038	0.8339972	2.51844381	2.18918651	2.18918395	3.13177037	2.8907115
3.89860407	3.31446333	4.16654964	3.56062486	4.01105688	5.13950981	5.07645581
3.16661615	2.85584067	2.54830407	2.12581356	2.39548972	4.07052188	2.94376019
1.62115827	1.00E-04	0.94408514	0.65486687	1.23006387	1.88140182	1.1752166
4.82384031	2.27801923	2.53957148	2.0305113	2.52813535	6.48050012	6.35296543
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14643558	1.00E-04	1.00E-04	1.00E-04
0.92295144	1.00E-04	0.09161201	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05711143	1.00E-04	2.35993206	2.42364738	2.18194669	2.42710487	2.25938851
1.00E-04	1.00E-04	0.08383283	1.00E-04	1.00E-04	1.00E-04	0.97522957
1.54499627	1.00E-04	0.07379098	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23205764	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57456778	1.2101235	1.8068909	1.23077987	1.01779996	1.56683861	1.90823362
1.00E-04	1.00E-04	1.41507788	0.30749691	0.20281155	1.00E-04	1.00E-04
1.00E-04	1.23005604	0.85585843	0.50125194	0.75235175	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13781744	0.39294295	1.00E-04	1.00E-04	1.00E-04
0.65793417	2.58082117	2.20693389	1.18603024	1.71716759	1.00E-04	1.00E-04
3.88295548	1.00E-04	0.28315307	0.62741343	0.74298726	2.94712998	1.85958569
3.04389272	1.309432	2.15507981	2.17242515	1.73563145	2.63333377	3.09644378
2.09631766	4.64736414	4.86983444	4.4274558	4.51123661	1.30373518	1.89785909
2.00119206	0.69779233	1.70023172	0.87045537	0.82514795	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18342995	0.12988431	1.00E-04	1.00E-04	1.00E-04
0.22177449	1.64741334	0.81669863	0.14454473	0.22938667	1.00E-04	1.00E-04
3.25250672	2.14615296	3.64573757	3.92538309	3.5565897	2.57216216	2.71782961

4.91013506	4.87094051	5.33703852	5.73134533	5.52401893	4.13847352	4.61761837
4.54509388	2.44840785	3.90821343	3.99285264	4.23157304	1.930471	2.70409216
0.07341779	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17446606	1.81212976	2.55883606	2.17330097	2.02556892	1.00E-04	1.00E-04
2.82784567	1.92416083	2.41142137	2.92473515	2.6591192	2.36566156	2.21959378
3.19013491	3.17729211	2.1802875	1.1173619	1.69856243	2.04444027	2.52433513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.23674301	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95637875	0.94970493
1.26133597	1.00E-04	0.63957139	0.13159432	0.33590073	1.00E-04	1.00E-04
1.00E-04	0.74506998	0.24251079	0.09731771	0.4049019	1.00E-04	1.24011905
1.00E-04	1.00E-04	0.64379523	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75153806	1.45816887	2.36577212	1.86356503	1.19587713	1.00E-04	1.00E-04
0.30180651	0.87456952	0.51657018	0.30876071	0.42688414	0.79958263	1.16048721
3.62426131	2.99575698	4.14384478	3.89270653	3.5937319	3.9473746	4.21413345
3.95362213	3.57981802	3.71879874	3.56665671	3.3344138	4.05452768	3.62476132
3.44814611	2.17337733	3.44907372	3.6644471	3.38775803	3.21784112	3.17055155
0.77753577	1.56857057	1.92172379	1.79280188	1.63772937	1.00E-04	1.00E-04
3.63465898	4.88460125	5.0741577	5.19007896	5.01628272	3.35695565	4.33334196
1.11024773	1.2795411	2.11059642	0.65420418	1.43751375	1.00E-04	2.04175821
3.20726034	0.87456952	3.58238661	2.93655049	2.33855598	1.72969044	1.65963192
4.49775656	2.87349792	4.87193698	5.17438291	4.82589285	4.34960319	4.68949398
1.14867337	1.73064878	1.75908515	2.18592398	2.37883073	1.00E-04	1.32800755
5.59261594	4.33369637	5.25873757	4.59477811	4.73115683	4.95681839	5.13457349
3.58491742	1.1377045	2.52915091	1.86853953	2.14862002	3.21653532	2.93046717
3.45610788	0.87456952	3.00956045	2.88544052	3.08915703	3.11971811	3.08514629
3.16838703	1.84336226	3.08938492	3.3643614	3.54383622	2.29598552	2.12436129
3.84109671	1.50229031	3.57374686	3.74740818	3.42169039	3.73890605	4.05456402
4.49956197	2.52908349	3.86359299	4.0024105	3.54365652	3.73101836	3.86172327
0.92655628	1.00E-04	0.0688269	0.09185911	1.00E-04	0.86319656	1.00E-04
3.12288483	1.39535389	2.40977243	2.86929123	3.46748897	0.93702359	2.70956274
2.73450292	3.50401675	2.90131132	3.02595633	2.50341565	3.18672085	3.54595526
2.8740015	1.00E-04	2.01662131	2.25438715	3.30948396	1.87337144	2.27173711
4.44623863	1.95344285	3.35048932	3.91484132	3.72407127	3.64186046	3.41352147
3.34856485	1.54934281	2.77216686	2.68539875	2.64949891	3.53673178	3.31951765
1.80054696	0.68407235	1.33939596	1.24930624	1.53394841	1.00E-04	1.00E-04
2.75858775	0.68407235	2.13501374	2.77344183	2.69639523	1.6263972	2.12979853
2.07895726	5.32246729	6.67539198	5.84404236	5.88409065	1.46021335	2.67002239
1.55309093	1.00E-04	1.21374975	0.78916974	0.59347168	2.30558943	2.28996894
1.00E-04	1.56463734	3.25708038	3.63502115	3.7701029	1.00E-04	1.71192098
2.44517163	0.68407235	1.33058344	2.72043382	1.41240541	1.78980982	1.00E-04
0.55594271	1.00E-04	0.93155315	0.56184365	0.76324974	1.00E-04	1.55973697
0.47429749	1.97413786	2.19441423	1.28722021	1.2947721	1.92153507	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.25044987	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63860481	1.25402837	2.44571128	2.497766	2.58270957	0.96274275	1.45670916
4.46649725	2.61213484	3.68965374	4.04750331	4.15022562	3.96744438	4.33460948
4.6396182	2.5962333	3.72993964	4.18856959	4.02732845	2.37215015	3.26599616
3.40160179	2.97218194	2.66047676	3.37618371	3.01133723	3.28622519	2.74100221
3.60841654	2.9622005	4.27417628	3.97933906	4.02804709	2.70781958	3.51052621
1.81978837	1.00E-04	0.61171146	0.62318907	0.85275113	2.42800538	2.61685036
1.1936708	3.31630849	5.52131617	4.9844068	4.92934495	1.00E-04	2.38277916
1.00E-04	1.1971089	2.2297809	1.88732805	2.53422557	1.00E-04	0.40038755
0.344714	1.00E-04	0.38597107	1.00E-04	0.22929158	1.00E-04	0.49725191
1.00E-04	1.00E-04	0.26690938	1.00E-04	0.11344173	0.74564767	1.00E-04
3.68089855	2.05800061	3.67539933	3.70790235	3.5796102	4.04254415	4.05142334
4.30357183	2.53434469	3.48190962	2.9369064	3.11730481	4.42987354	4.53352187
3.14690342	1.15872716	2.7254039	2.59417498	2.42671487	3.2639753	2.33615401
2.79049012	1.5642288	2.44867649	2.34742461	2.45269062	2.7322909	2.76803565
4.15499791	2.74301417	3.53676341	3.15322186	3.38799361	4.63530997	4.65166191
3.0856829	2.95369133	3.80178033	4.06677663	4.15267663	2.43015518	3.63549316
3.51621725	3.27875341	3.2045621	2.6693457	3.32862057	3.12570974	3.64499031
3.80297176	2.1594525	3.45570548	2.93081272	3.06213005	3.70803087	4.26787529
4.94537914	4.87423051	4.82323743	4.57993787	4.39574535	4.90131198	5.46280394
3.49931068	1.50794589	2.98160926	2.87263996	2.70130038	3.83042041	3.79579612
3.82412627	2.47606345	3.98598166	3.72396607	3.050041	3.56247175	4.21628034
4.96650886	4.3575707	5.1211765	4.97504366	4.89784936	5.02503365	5.36647331
1.8807576	1.53907838	1.77120718	1.92720476	1.48094288	1.57745722	2.13442264
3.32013198	2.27411084	3.2542877	2.94754203	3.23370734	3.09903345	2.75531469
3.19235642	1.45530559	2.23925341	1.79077228	1.8310321	4.03011948	4.11361706
5.03798034	4.00911947	4.05230605	4.99287702	4.90851122	2.99436708	3.66965002
4.47121543	1.7250563	3.88479924	4.64849569	4.35771509	2.20297452	3.4893468
4.76238193	4.39270644	4.752327	4.96679658	4.9821896	4.55839264	4.40266836
4.7704322	3.94276068	4.88347584	4.76454569	4.62540398	5.25369991	5.25797806
4.44719928	3.37783202	3.27779325	3.49049511	3.47731075	4.15736376	4.27368422
4.50796024	3.4924171	4.47572963	4.27204982	4.16730487	3.64287113	4.47830546
1.00E-04	1.2795411	1.94671677	1.06023373	1.73142941	1.00E-04	1.46607815
4.17369521	3.00310755	2.98196272	2.84850251	3.00817021	4.16875754	3.88584497
4.36942459	3.80784912	4.31118612	4.0004251	4.31082783	4.17726131	3.91590533
0.24576193	1.00E-04	1.00E-04	0.09790117	1.00E-04	1.00E-04	1.00E-04
6.31589656	1.00E-04	2.18655624	0.56286851	2.09902977	4.32612168	4.19378729
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50541311	1.22771662	2.61666614	3.07511047	3.47848751	1.61211528	1.00E-04
4.55586122	2.93753528	4.25949525	4.65285088	4.28647104	4.13440928	3.99713105
2.20850188	0.96847026	1.01538076	0.93201367	0.88388389	1.81646552	1.18537215
3.46778528	2.68040492	3.92472489	3.22850558	3.64837869	3.54877232	4.01242059
4.20105451	1.46691335	3.86481927	4.58420492	4.37592674	3.20708976	3.3204863

2.09426333	2.18969118	4.00836008	4.47656415	4.10410063	1.00E-04	1.22180816
1.75505294	2.40137218	3.094075	2.97968235	3.54123908	2.02606336	1.25131486
3.32626225	1.92334153	2.97888562	3.10321871	2.57309281	3.23564672	3.50638286
2.43326962	3.22472561	3.41799468	4.1540485	3.87869683	2.33656307	1.37041131
4.28255856	3.10270449	4.16656325	4.97210457	4.57431913	3.56158288	3.78763969
4.71206339	3.77026557	4.03545256	4.09276525	4.1297083	3.98434324	4.57186498
0.1343207	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.24741187	4.12792047	5.25560752	5.97697215	5.73605621	3.86143252	4.25135089
4.16758849	1.2795411	0.06880281	0.0824918	0.18650874	2.39535329	2.30821948
1.00E-04	1.00E-04	1.00E-04	0.13225393	1.00E-04	1.00E-04	1.00E-04
3.56583333	1.90089776	2.91240013	3.09104401	2.80614886	2.92249796	3.46008483
4.88716205	3.34183866	4.93479309	5.22923848	5.18639656	3.47114738	3.84160411
0.76931578	1.1971089	2.1437357	1.51411933	2.47705568	1.00E-04	1.00E-04
0.53673011	2.42765693	2.98718581	2.34375317	2.20084173	1.69576661	1.29750152
3.0974548	4.54162181	5.73194791	5.0113308	5.15179126	2.41433438	2.62636663
3.83693125	1.66392883	2.12164885	2.33780976	2.58979529	1.00E-04	1.86015011
0.17050085	2.17653533	3.94313419	2.92414166	3.06441739	1.00E-04	1.00E-04
0.43435811	1.46351642	1.54039483	1.60736988	1.75535663	1.00E-04	0.62168103
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.4352796
4.30305079	3.08407986	3.54618248	4.37273238	4.01427402	3.59263272	3.19721334
4.0244918	3.04404919	3.29277556	2.86934218	3.04617705	3.12122265	2.79380737
2.34962739	0.79637057	0.92021792	0.79688781	0.62147017	1.40510189	1.74111251
5.12507723	3.28156869	3.50384309	3.55554016	3.59708064	6.67945622	6.47248972
1.00E-04	1.00E-04	0.46457833	0.09353219	2.06838619	1.00E-04	0.7070202
0.99949583	2.45451943	2.01891284	2.11415981	1.88825449	0.84497321	1.96943497
3.36404072	1.00E-04	0.64557872	0.4847812	0.88356635	1.92434713	1.00E-04
1.82777727	1.00E-04	1.3782886	1.31349202	2.24848059	0.83873894	0.9906856
1.23653069	1.00E-04	0.67400179	0.62612164	0.19089153	2.20297628	1.92550263
2.11555827	2.99866254	2.80695254	2.882424	2.53462558	1.00E-04	1.9222559
1.00E-04	1.00E-04	0.27361764	1.00E-04	0.28806383	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24648662	1.00E-04	1.00E-04	1.00E-04
4.13259912	1.45480715	1.7479391	1.08456221	1.43697152	2.24611453	2.4459887
1.00E-04	1.00E-04	0.49765116	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17999085	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.3847717	1.85794028	3.07338638	2.59715594	2.37795506	3.45848135	3.88185049
4.29506845	3.39788079	3.71205044	3.50824158	3.44099573	4.05716044	4.05673221
2.92423183	2.94222953	2.11412683	2.55847181	2.0096581	2.44527981	2.88253141
5.32248017	2.39439259	4.26782022	3.83986098	3.63112448	4.79816951	5.04769173
5.82057786	4.33073023	5.17278073	4.80792747	4.85328898	5.96779052	6.01187751
4.73944356	3.68801406	4.27482846	3.96233174	3.74076071	5.79152722	5.35675035
1.95230751	0.8339972	1.9972749	1.87440077	1.98760973	1.32353163	1.45608271
2.96102779	3.717304	3.27351096	3.31830098	3.41433273	2.75474729	2.71952178
3.45200969	1.63099207	3.09489815	3.68340198	3.06137053	2.28075307	2.93129353

3.15238184	1.86670128	2.27905423	1.99821485	2.44183823	3.16986612	3.23291538
4.19303661	1.00E-04	1.37166634	0.9680396	1.22116169	4.23637605	3.80856094
1.99484544	2.89880298	3.09917814	3.35311752	3.04569159	1.00E-04	1.14079762
4.88172409	3.83075336	4.54314569	4.73604791	5.00462115	5.54343055	5.50036616
1.64769825	1.45110418	1.41945253	0.83301684	0.64116024	0.95102466	1.81707001
0.96088661	1.00E-04	0.21507429	0.35272838	0.13992338	1.03647332	1.00E-04
4.45756398	3.21167735	4.41970001	4.26616142	4.76475296	4.29976836	4.22361278
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1.11206855	1.00E-04	0.517997	1.29208504	0.89039108	1.00E-04	1.00E-04
0.44610933	1.50007327	2.85539481	3.0935939	3.24656295	1.00E-04	1.00E-04
5.70639221	1.00E-04	2.83734813	2.96793623	3.13289609	5.45959361	5.04797217
5.80987207	4.04357977	4.84100672	5.02069659	4.89107087	5.92054969	6.03179431
1.99576457	3.06706621	2.64349807	2.33422422	3.12972363	1.18075338	1.77317137
4.25648152	3.98435927	4.47232402	3.93359314	4.06049197	5.15511086	4.81764793
2.96551136	3.56619907	3.96836867	4.09616214	3.74629074	2.93425255	3.53590465
5.21502503	4.67350298	4.7746809	5.17752249	4.96907237	4.47075672	4.80600578
2.47417917	1.00E-04	1.75302695	3.23533747	2.58933424	1.6173648	1.6688707
5.73195359	5.13717699	5.87006665	6.82060528	6.7325675	3.9657411	4.22419128
3.70446462	1.17452218	2.93156135	2.3949334	2.55402231	4.4761003	4.61778908
4.21804479	3.5445904	3.67866266	3.6696879	3.9851301	4.58781621	4.80227638
1.06011833	1.59253164	3.03208332	2.6362939	2.67519621	1.00E-04	1.00E-04
4.01736939	3.7173532	4.45719759	4.47278785	4.76987306	3.7988238	3.72493284
1.43701677	1.00E-04	0.92514343	0.86495455	1.41877819	1.97589406	0.46517855
3.87368715	4.07466513	4.57027327	4.30641034	4.68378303	4.46297452	4.29759582
4.86099223	3.56982977	4.24405303	4.88041733	4.62396423	3.15860725	3.89928272
1.19629478	1.00E-04	0.8549294	1.25960858	0.62309699	1.00E-04	1.00E-04
3.25466855	3.22985878	3.44161563	4.34928924	3.82188961	2.03234413	3.22813406
1.00E-04	1.00E-04	0.13136223	0.1141687	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77413851	1.00E-04	0.84133358	1.29597621	3.69766516	1.00E-04	1.26389675
1.00E-04	1.00E-04	1.00E-04	1.0094882	0.15509212	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.28787782	1.26135756
0.06759249	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.27445118	3.82913158	4.17711786	4.6323269	4.42115051	3.15079334	3.28571603
1.10316832	1.00E-04	0.24733275	0.21760272	0.53700802	1.30530732	1.00E-04
0.69124486	3.90629903	4.11665938	3.80542322	4.18308027	1.00E-04	1.00E-04
0.59300981	1.00E-04	1.00E-04	1.00E-04	0.11078928	1.00E-04	1.00E-04
0.60311892	0.87612072	0.52213424	0.28129729	0.601466	1.00E-04	1.00E-04
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0.4381825	1.00E-04	2.08963527	1.09164094	0.55789838	1.00E-04	1.00E-04
2.35824522	1.82677445	2.30174813	2.48696847	2.44215896	3.00770409	2.71740313

4.92302413	1.39512462	2.64331195	2.86077501	2.95439098	4.41248132	4.00434759
0.75613946	1.00E-04	0.64492791	0.17117982	0.32303612	0.84473467	1.07127105
1.86021265	1.00E-04	0.66246124	0.52677357	0.67308013	1.00E-04	1.85370919
2.70204805	1.08649412	4.02257654	4.14987321	4.01794257	2.73964882	2.62019146
0.66454929	3.21406152	3.93531117	3.90475761	4.33705545	1.00E-04	1.28271751
2.49223787	1.17896398	1.2472023	1.44942507	0.62990325	1.00E-04	2.2306402
1.33439744	1.92390065	2.37645673	2.5116973	3.00564729	1.00E-04	1.30591129
0.24473563	0.68407235	1.06058392	0.06796023	0.20277303	1.52198431	1.00E-04
0.84347906	0.71640521	3.78222356	3.38859707	3.29275844	2.23528365	1.25465811
0.12636275	1.00E-04	1.46813381	1.03034328	0.97848915	1.00E-04	1.00E-04
3.56922988	1.46320136	2.2535872	2.67237448	2.07407941	2.41878326	2.56143697
0.36564944	2.56026219	2.98121916	2.12261964	2.34815158	1.00E-04	1.00E-04
3.30959593	3.3482931	3.00997785	3.41169839	3.70243552	2.25566278	2.96249597
4.69827535	3.11958102	3.5042086	3.71400829	3.23255416	4.3633732	4.43043994
3.43680014	3.21016518	3.00119219	2.90523454	3.53927466	2.03710824	1.80996088
0.25224736	1.00E-04	0.39494311	0.1696211	0.22677085	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09802713	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.31737914	3.34838412	4.54329526	4.10443806	4.14354122	5.30096904	4.9591003
1.94588712	1.79627859	2.90608235	2.71843178	2.81222253	3.75097321	4.24503883
5.83816911	2.62971672	3.36819284	3.33469446	3.48562396	3.76676641	3.87787309
2.76410094	4.23281346	4.62578614	4.13865867	4.15069476	1.63720613	2.19992003
5.18358707	3.95317872	4.47501275	5.03761553	4.87470006	4.36305557	4.38072688
6.1068499	4.09542564	4.51777409	3.84509302	3.87979704	3.03765128	4.55850283
2.82524982	1.83069387	2.12489726	1.36333455	1.46284221	2.41595829	3.08072544
3.45623217	0.68407235	3.1431176	2.97226639	2.60030254	3.18762029	3.36419136
5.66062102	4.79014981	5.55008317	4.95893909	5.23477006	5.88726933	6.12074423
3.93006192	3.72045557	4.21892369	4.08743437	4.03802964	4.3219185	4.26649004
2.69572494	2.66643652	3.57770083	2.92170822	3.07874959	1.42109901	2.5979135
5.17693056	4.00520468	4.84266032	4.2911099	4.4419085	5.22797448	5.51501192
1.57606078	0.7902481	1.38218564	2.12389827	1.4424084	1.00E-04	1.00E-04
4.0688601	2.93281006	3.65020464	3.36774501	3.45799696	4.07977825	3.49590678
2.44520581	1.00E-04	1.48100113	2.57027637	2.23190211	2.28743246	1.96278589
3.93347318	0.8358776	3.2182075	2.98284363	3.17981282	3.08726638	3.7649926
5.12797559	2.63517584	3.40223336	3.28359236	3.11351831	3.72350426	3.56368627
5.77181276	3.93234655	4.84318745	4.22258591	4.47711331	5.77301844	5.76058419
0.70688698	1.00E-04	0.13781744	0.12277182	0.15507585	1.18042507	1.00E-04
0.56353051	1.00E-04	1.00E-04	0.0814007	0.22562086	1.6035861	1.00E-04
0.76920586	1.00E-04	1.38649555	0.70266982	1.67402916	1.00E-04	1.00E-04
5.09273643	2.95996651	4.38161203	4.33710727	4.41241729	4.96858319	4.81998867
3.64531724	2.26595136	3.28114071	3.20935017	2.91268761	3.0204856	3.64026034
3.20642847	1.25509001	2.59613681	2.2204069	2.46143708	2.75672749	2.45456223
3.80177507	1.14149454	3.11747732	3.42121721	3.2233928	3.26184977	3.45588546

5.24189182	3.67449591	4.59915773	4.56133482	4.73206234	5.00924838	5.29638098
4.2725657	3.69623419	4.6378212	4.76608812	4.88133212	3.7742857	3.89395851
4.41472169	2.38868519	3.64396933	3.40634907	3.93007184	4.33849117	4.28917457
2.73736758	2.48245275	2.56694238	2.79510279	3.32804901	0.83873894	1.99122852
3.98226006	3.15326113	3.68290378	4.52922747	4.63671768	2.74493243	2.50585127
4.20689823	3.40903142	3.69016774	4.27363786	4.21421551	2.90642125	3.4965002
3.64202249	2.21702656	4.19011236	3.56529827	3.62725339	3.86510164	4.06460611
3.63897034	4.06134379	4.03940969	3.83167482	3.61244268	4.22141527	4.46077779
4.97866083	3.52949011	3.01115087	2.36111587	2.98095114	5.58018496	5.61847334
1.00E-04	1.00E-04	0.15061978	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.19251475	4.24008398	4.78931717	4.68301147	4.87802527	5.48706849	5.34468111
1.38114955	1.00E-04	1.83275805	0.69152125	0.96703368	1.96929534	1.46024995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09660285	1.00E-04	1.00E-04	1.00E-04
0.69436853	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.53745213	3.59974817	4.09087019	3.55088502	4.01788325	4.92008257	4.96154626
4.07257933	1.53010321	3.42966595	3.86154063	3.79212737	3.71804253	3.47693995
2.29330592	0.7902481	2.07753163	1.38420848	1.19238053	1.72522819	2.6034426
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.84413935	3.26217676	2.77349281	2.96341542	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.6841221	0.08431423	1.00E-04	1.00E-04	1.00E-04
0.41957436	1.00E-04	0.23364242	0.09731771	1.00E-04	0.94543129	1.00E-04
0.23297528	0.76524107	0.26080818	1.65761698	1.87090276	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21598181	0.13013465	0.14478141	1.00E-04	1.00E-04
3.77244978	2.97586356	2.45117461	2.57545789	2.61941732	3.83779362	3.96548136
1.69566766	0.68407235	3.03691123	2.92625183	2.30920055	2.57072485	2.66362338
1.77118807	3.0580751	2.90379251	3.56927007	2.98768131	1.22568379	1.88444832
3.05675887	1.59450315	2.89458372	2.71141898	3.27462233	2.6373648	3.310575
2.78157866	2.08043163	2.94933583	2.06936177	2.17685184	2.6872284	2.93593245
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70260818	1.95668174	3.03776144	3.54487548	2.94553722	1.08793411	1.5595514
1.61608188	0.74506998	2.90234606	2.75205558	2.93993676	1.40857904	1.31253547
1.00E-04	1.00E-04	2.07403558	1.66826566	1.21955764	1.00E-04	1.79686098
0.95815312	1.00E-04	0.20925767	1.47608713	0.11078928	1.00E-04	1.00E-04
1.22794748	1.00E-04	1.13282882	0.38887861	0.38632946	4.26946807	2.58449856
3.16180565	1.96004403	2.54690626	2.49137892	2.1370169	3.62816955	3.9741229
1.00E-04	1.00E-04	0.59698968	0.06796023	1.00E-04	1.00E-04	1.00E-04
3.40403284	3.97417048	3.54067374	4.30610082	3.85260241	2.41069216	2.5563294
0.72593636	1.00E-04	0.26361034	0.38964491	1.00E-04	0.96274275	1.00E-04
5.09734932	5.65275755	6.02813307	5.88778231	6.09235	5.80269039	6.02400844
2.75526201	4.40205603	4.87727476	4.71862755	4.38398165	4.50231201	4.26302665
1.12600552	1.00E-04	0.96711337	1.46534738	0.70704123	1.00E-04	0.8850525

1.32530484	0.69779233	1.23142141	0.95051404	1.35258624	1.00E-04	1.1474645
3.46232811	2.73318753	3.57660118	3.40309911	3.68036835	4.254398	3.85967061
4.82440631	1.1166062	3.32718473	3.51316244	3.27929679	3.48998272	4.18174599
0.709382	3.82532153	4.59807118	3.85558043	3.68931283	1.00E-04	1.00E-04
1.5333962	1.00E-04	1.73093837	1.95611134	2.39051595	1.34279815	2.70873085
0.17050085	2.58921751	3.28373342	3.29256248	3.17297927	1.00E-04	1.64435461
2.5294853	2.52738995	2.93575529	2.82920233	2.13819149	3.45068478	3.45812147
3.12522151	2.21639665	3.36816356	3.7635828	3.65359509	3.10815079	1.8574241
3.84964896	1.814497	2.81884197	2.88510497	3.23943957	2.47038319	2.65278544
2.59207768	1.08649412	1.97389752	1.2446443	0.99932964	2.92684995	2.67170021
2.57661637	1.12769243	2.3479573	2.14842889	1.78888236	2.44635912	2.36780821
2.98386346	1.00E-04	2.0937628	1.92593844	2.53312553	1.32103511	0.41275046
4.70420775	3.50192473	3.0525608	3.06354787	3.56601056	4.47580535	4.58556517
0.63063994	2.62482247	1.16588912	0.97975871	1.5074523	3.17288036	3.96310051
1.00E-04	1.00E-04	1.00E-04	0.12615384	1.00E-04	2.39005861	2.32538339
0.86549241	1.00E-04	1.21541005	0.82932772	0.36359418	2.96887811	2.44835997
1.50541696	1.83858252	2.70467082	2.77238908	2.7590913	1.25061534	2.04503011
4.32367334	2.27801923	1.33261995	0.29810161	2.21575508	3.56997343	4.39138317
0.84804584	3.41834196	3.91817772	3.71483587	3.48457708	1.00E-04	1.03441279
1.90836202	2.80079168	3.72176623	2.97704451	3.46683014	1.11481773	2.77423535
0.68417104	1.00E-04	0.08518202	1.00E-04	1.00E-04	1.00E-04	1.48223447
1.19806767	2.78409146	1.69608739	1.96928584	1.72130052	1.00E-04	1.35998396
1.00E-04	1.00E-04	0.54595922	0.14982667	0.11344173	1.00E-04	1.00E-04
0.61632768	0.72877389	0.85949706	0.77929569	0.57512808	2.2174009	1.52336382
5.25108795	2.71441955	4.48531237	4.76625701	4.91198751	4.24504461	4.68442079
0.56327014	2.66915378	3.71409063	3.40624155	3.44487386	1.00E-04	1.41715187
6.02923771	2.44114221	3.9671027	5.19251483	4.88336806	4.03102524	4.42851984
3.8535474	1.00E-04	2.37811127	2.22442184	2.76503045	4.04889493	3.44255838
3.059334	1.63081094	2.9057362	3.0910035	3.00702396	2.94296745	2.89963368
1.78764629	4.07088888	4.05694079	3.87456529	3.49453806	1.00E-04	1.00E-04
5.81407563	3.6069243	4.2603222	4.60897746	4.61073258	4.44982854	4.7884028
2.15467042	3.11063019	2.2553516	1.5388396	2.16151469	1.8228645	2.02910575
1.40121738	4.51532792	4.66113184	3.89626487	4.19115463	1.00E-04	0.41275046
1.9767456	1.00E-04	1.6045156	1.73368406	1.34643212	1.00E-04	1.00E-04
3.8662312	2.67968597	3.45834291	3.43424467	3.26497702	4.02242714	4.06318666
0.64792987	1.00E-04	0.15957049	1.00E-04	0.14478141	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.13377378	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.21913025	4.08867833	4.07551085	4.3004838	4.01373831	4.30088645	4.54751183
2.60733716	0.72877389	3.08006338	3.4183805	3.4078605	2.43839336	1.59445306
5.79116777	3.03292259	4.15485034	4.07342232	4.28933328	6.13788316	6.22881568
1.48699889	2.62562381	2.98324482	2.7875557	2.49219859	1.94730865	1.00E-04
2.09766555	3.24542262	3.82204234	3.61622454	3.33622192	2.7093424	2.3205954
1.75055434	4.42269467	4.69734084	4.02857211	3.8500186	2.85462889	0.93074312

1.00E-04	3.17426174	3.65758866	3.45675527	3.24985077	2.87071414	2.82171616
2.5865818	4.1707204	4.32729252	3.89350426	4.00487223	2.04866704	1.00E-04
2.47875327	0.68407235	1.54033224	1.66690465	1.88726392	3.13270796	2.36209751
1.00E-04	1.00E-04	0.3957643	0.15126847	0.534117	1.00E-04	1.00E-04
1.5886872	3.32173331	3.60334342	3.8987874	4.03670546	1.97663123	2.53562895
0.601811	1.00E-04	1.00E-04	1.00E-04	0.21559166	1.00E-04	1.00E-04
1.18378642	4.78826001	5.90124284	5.13557541	5.11874155	1.00E-04	1.00E-04
1.00E-04	2.22715024	3.00391397	2.81137978	2.72285492	1.00E-04	1.00E-04
3.63406656	1.84077812	3.24893433	3.69549365	3.63171707	2.88771958	3.21589629
1.22735419	2.71085642	2.66817856	2.04534341	2.61277372	2.40504697	2.72469343
0.24522927	0.7902481	0.48131743	0.5756511	0.75757553	1.00E-04	1.01208735
2.74684412	1.47996903	2.64846716	2.49806069	3.51955013	2.95322471	2.53157535
0.72200952	1.00E-04	1.00E-04	1.00E-04	0.48524354	1.7593937	2.27627445
2.08113042	1.25845589	2.56358585	2.09604348	2.55523522	0.81859263	2.4912211
0.10913195	1.00E-04	0.77785967	0.54569072	0.61312034	1.00E-04	1.00E-04
0.83088081	1.00E-04	1.61617248	0.51384916	0.71360458	1.00E-04	1.00E-04
0.25224736	1.00E-04	0.11466092	1.00E-04	0.30719935	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07008263	0.11711669	1.24245757	1.00E-04
0.37676908	1.00E-04	0.11950854	0.09660285	1.00E-04	1.00E-04	1.00E-04
1.61021407	1.00E-04	0.34519002	0.13046994	0.27875154	1.64001363	0.83430531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40188167	1.00E-04	1.12638561	0.79662435	2.09736981	1.00E-04	1.00E-04
4.53267665	1.61087376	4.04783451	4.01124855	4.2244403	3.18911045	3.5205898
0.74909074	2.44733886	4.13985753	3.44025349	3.08224893	1.00E-04	1.59884163
1.40260215	2.32685642	3.3375854	3.40059298	3.24414447	1.90329141	1.44498222
1.86357616	1.00E-04	0.57641467	0.62179531	1.08963052	1.00E-04	0.7070202
0.56366776	1.00E-04	0.1948884	1.00E-04	1.00E-04	1.00E-04	0.98620672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.38951674	1.00E-04
3.51784933	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.42588691	2.48562637
0.36899952	1.00E-04	0.17558505	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.12111288	2.51384421	2.33073502	2.48873735	2.63549775	1.75403611	3.05696508
4.30724036	2.71823349	3.53305733	3.55193253	3.68464701	4.51459624	4.40641093
4.26608207	1.79128819	3.06397776	2.90981461	3.00887901	4.60504131	4.47658952
1.39418067	0.68407235	2.38952073	1.85187368	1.87026155	1.23405597	1.4862772
2.80129054	0.8339972	2.03020669	2.81290701	2.51461118	2.00029076	2.02112747
2.76244818	1.00E-04	3.02491533	2.91314416	2.58460362	1.6485068	1.97757638
5.10062646	3.76063844	4.5998975	4.44208124	4.4379551	4.91279545	4.93255109
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61924005	0.68407235	2.55420005	1.88038814	2.3660851	1.4780275	2.4293404
4.3408899	3.61663729	4.42543992	4.22835718	4.08451941	4.34199206	3.84499948
3.57252803	3.31247018	3.9723737	3.29985557	3.22253905	3.43387888	3.94831024

0.29855294	1.00E-04	0.21083116	0.46552403	0.09550581	1.00E-04	1.00E-04
0.38518406	3.17913451	4.11916044	3.30361669	3.17587324	1.00E-04	1.00E-04
0.83223893	4.72910339	5.28968772	4.38465681	4.2784503	3.27649664	3.65030417
0.63302481	2.20994806	3.77196715	2.75014883	2.74116839	1.74714796	0.93074312
4.40664911	3.76771924	4.69282921	4.75164669	4.95437727	1.39885208	3.64030246
0.34296333	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37674216	0.69779233	1.35021547	1.65102736	1.91889214	0.78141142	1.00E-04
3.16996737	2.58775955	3.07091353	3.09319084	3.70121	3.53870747	3.86296421
3.61331083	2.95540143	3.03962164	2.76607206	2.97989084	2.74616457	3.09551537
1.14587319	1.00E-04	1.00E-04	0.13755895	1.00E-04	1.00E-04	1.7522901
2.31220516	1.41182427	3.12964115	2.53709671	2.08531538	3.83242334	4.04950544
2.56872641	1.15660655	2.51327828	2.18887895	2.31771145	2.77469307	3.11140992
2.4396841	1.00E-04	3.74428042	2.16959815	3.22806917	1.00E-04	2.58593832
2.47256385	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35134699
3.01747701	3.83245921	3.33370649	3.46726029	3.71685832	1.81794042	1.50562622
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.27742556	1.2795411	0.82387283	1.17820288	1.87173985	1.00E-04	0.69976462
1.00E-04	1.00E-04	0.2462013	0.09749395	1.00E-04	1.00E-04	1.00E-04
0.62680775	1.00E-04	1.22322098	1.25219465	0.76915592	1.00E-04	1.51443555
2.5409592	1.00E-04	0.34037746	1.00E-04	1.00E-04	1.5325984	2.21534432
3.43236476	1.00E-04	0.07348386	0.24904225	1.16594952	0.68203783	2.25863798
0.89036764	1.00E-04	0.50614897	1.00E-04	0.127027	1.00E-04	1.00E-04
2.34922272	1.00E-04	1.32690848	1.22753709	1.62763952	1.00E-04	1.0787943
4.3439764	4.28155249	3.66866981	3.3060589	3.15082913	5.23145603	4.98072814
4.47205797	5.38334819	5.12563844	4.92938709	4.51562083	4.87210666	4.7349174
6.0988914	5.64299007	6.50279598	5.68914298	5.66808932	6.65696661	6.73250732
3.315563	0.68407235	2.44212468	2.62739921	3.27686094	2.61738765	2.23042743
4.39921065	3.70937431	4.85640381	4.73753482	4.44885951	4.18126276	4.31286014
0.21433745	1.00E-04	0.07209144	0.58689561	1.00E-04	1.00E-04	1.00E-04
0.55089314	1.00E-04	0.08167072	1.00E-04	1.00E-04	1.65632181	1.00E-04
3.92847767	1.25855308	3.10402234	2.25267899	1.98673723	4.05755949	4.25269956
4.53603144	3.53192314	4.5941264	4.16609756	4.3596094	4.75402453	4.90740153
3.4415533	2.05136431	2.86512823	2.85634858	2.24483306	3.88116006	3.48473478
4.67228202	3.66981629	4.27038785	4.22448996	4.26976626	4.2466222	4.14889588
4.48386008	1.15872716	2.11153374	2.46761991	2.69739546	2.89405324	3.12410108
5.13156586	5.02867033	6.08045705	5.39056238	5.29681767	5.69097392	5.81735592
3.2417256	3.3052568	3.84508891	3.38743058	3.7405231	5.30094729	5.32066072
5.29001227	4.90564126	5.63025167	4.94004382	4.87929798	5.33475779	4.95109398
3.6549889	0.74506998	3.9214425	4.01649783	3.9837367	1.00E-04	2.57337295
1.87102067	3.70521715	1.4768447	1.96467338	2.04339068	1.75791089	0.316869
4.35280495	3.02996343	3.72142168	3.24231777	3.3831317	4.61283644	4.45825467
4.03657206	2.81693327	3.41643676	3.36371321	3.15123311	3.77241807	3.79152203
2.66929112	0.87456952	1.87861107	2.01378991	1.59883557	1.89645933	1.20003491

1.78274203	1.00E-04	1.22690029	1.10579737	2.3865934	1.14573777	1.67184875
2.48988072	2.21848693	1.98947537	1.82913383	2.56708086	2.54427054	2.32648877
2.67051496	1.00E-04	1.75104868	1.84715085	1.85391794	2.02953504	1.58978253
3.43189352	1.42087858	3.00652668	3.27873384	3.67062223	2.7989166	3.47446561
2.67707632	2.72646486	0.43525692	1.00E-04	0.50060706	1.00E-04	0.93074312
3.58122023	1.84088811	2.87803673	3.72418133	3.68378567	1.60798545	2.35270459
1.00E-04	2.09659968	3.2492564	3.43023294	3.21567173	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.41686365	1.7666376	2.44807346	1.00E-04	1.00E-04
1.00E-04	3.40028252	3.5024529	3.13754217	3.20449113	1.00E-04	1.69998633
0.33066623	0.8339972	1.67038344	1.32962647	2.15680086	1.00E-04	1.00E-04
0.42683821	1.3386578	0.23613119	1.00E-04	0.63827544	1.00E-04	0.49725191
3.43606347	0.96847026	2.33945906	1.92631916	2.44699371	2.21125097	1.54967705
0.38518406	1.00E-04	0.08746931	1.45818386	0.53566818	1.00E-04	1.00E-04
4.29122302	4.8332155	4.71735461	4.25986738	4.44328135	7.20786314	7.16774496
5.97019231	4.65090318	4.77441917	4.84728961	4.84360455	5.29058962	5.48703199
4.68525584	3.01322441	3.74392409	3.64934219	4.1047098	5.31857798	5.2719588
1.00E-04	1.00E-04	0.45619223	0.07375842	0.41192059	1.00E-04	1.00E-04
5.19792558	3.93559432	4.33993725	4.32685374	4.43556317	4.76450541	4.81933531
1.91094053	1.08649412	2.06597239	1.87254934	1.90345886	1.97054302	2.55993535
1.00E-04	1.00E-04	0.2310024	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.35217133	4.21470678	5.19716199	5.68589656	5.69204422	4.20219065	4.36225501
2.53281792	1.00E-04	1.58964722	1.19090342	2.23886927	2.25342521	1.50878602
4.10467778	3.3976459	2.80230008	3.06896578	3.31009296	3.98325614	3.72812403
3.84800138	1.77966468	2.49813812	1.73661527	2.61870448	5.44553815	5.64227901
3.25564444	3.71367366	3.96651531	3.3643875	3.26385387	2.91804981	2.29553785
4.40252838	3.91840353	4.76008872	4.98937636	5.29074816	4.24708076	4.68807895
3.58479594	1.00E-04	1.49421896	0.9853216	1.25973272	3.65356074	3.76495388
4.84269818	1.00E-04	0.59714853	1.00E-04	1.00E-04	2.8701834	3.81267376
3.55112127	1.00E-04	1.39370955	1.3575248	1.71787584	2.17356016	3.18979753
1.00E-04	1.00E-04	0.39713947	1.00E-04	1.83484179	1.00E-04	1.3564743
2.43022482	1.00E-04	2.27220485	3.22920618	3.02476569	1.00E-04	1.47360994
3.80785284	2.44275647	3.22988736	3.47363282	3.24359033	3.34649441	3.9352783
2.0632709	1.00E-04	1.36474752	0.74352757	1.97843325	2.23180109	1.36514787
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56653956	1.00E-04	1.21319541	2.15697291	2.18301386	1.00E-04	1.1585344
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.16048721
0.9398683	1.00E-04	0.61118537	0.42303032	0.82382712	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.20523974	3.39722417	4.32177866	3.61102568	3.56166721	4.29185843	4.50426426
3.98956923	3.66920244	4.40494851	4.59846016	5.11438688	2.96924482	2.90768751
3.53138073	4.83660403	4.95356217	4.75151517	4.76505948	3.44619821	4.0220726
0.76951163	1.00E-04	0.0910208	0.17241709	0.19681031	1.00E-04	1.00E-04

3.84248125	3.97952509	4.07431271	4.21410692	4.30593805	4.09857979	4.34260081
0.09976055	1.00E-04	0.0575112	0.13214734	0.12792029	1.00E-04	1.00E-04
1.98822078	2.1252187	2.25653729	2.61813436	1.81723171	2.19111229	1.08080329
0.35886391	1.00E-04	0.08971332	1.00E-04	0.1253092	1.00E-04	1.5595514
5.15744386	4.07854129	4.04581334	4.182913	4.12158235	5.13841611	5.12164908
2.47749813	2.1634548	3.89732095	3.50057478	3.73341882	4.02015834	2.97956876
1.50188463	1.91496378	1.45379159	0.87316914	1.60888126	1.00E-04	0.49725191
3.12510758	1.28620973	2.5547237	2.35336124	2.67655582	1.93304014	2.36761993
1.00E-04	1.00E-04	0.20294723	1.00E-04	0.15169238	1.00E-04	1.00E-04
0.63108153	0.72877389	0.87933236	1.63942025	0.76934422	1.00E-04	1.00E-04
0.9467212	2.0118279	2.02228987	1.22323405	1.94054474	1.00E-04	1.27747878
1.65111741	1.00E-04	0.56171657	0.55534131	1.5676374	1.35742569	2.90020518
1.00E-04	1.00E-04	0.43924893	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.85804935	0.91057324	0.33137505	1.68229578	1.00E-04
1.00E-04	1.00E-04	1.21487519	1.35953416	0.63015655	1.00E-04	1.00E-04
1.14216389	1.13651828	1.11328628	1.06900101	0.58426359	1.00E-04	1.00E-04
5.09138596	2.30785005	3.61545985	3.16994787	3.11493191	1.99035796	2.44570282
3.46481701	0.68407235	3.46672289	3.34503149	3.73549597	1.00E-04	1.61934742
4.7196373	2.98020712	3.44183021	3.40808042	3.08550577	4.15631224	4.0944851
0.14735492	1.00E-04	1.10856844	0.73274468	0.48743567	1.00E-04	1.00E-04
2.07740701	1.97701713	1.85387944	0.71102991	1.57562282	1.95531728	1.00E-04
1.18437227	1.21769093	2.41079675	2.64855522	2.83581145	2.23914585	2.24753085
0.13394589	3.16016843	3.09059092	3.7044495	3.74940602	1.00E-04	1.71192098
0.66966159	1.53824322	3.69866638	2.96646584	3.02496995	1.00E-04	1.00E-04
1.37089204	1.00E-04	0.88212863	0.94319218	0.58194517	1.00E-04	1.00E-04
1.09769678	0.69779233	0.82801688	0.56876561	0.63361108	2.03073927	0.7551454
1.00E-04	1.00E-04	0.45932181	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.9905727	1.2795411	2.62331171	3.18153547	3.07704645	3.34986324	3.73822482
2.97531164	1.49236006	1.26596645	1.73613907	1.9378066	2.57228175	2.20894708
3.06162161	1.00E-04	2.09645179	2.1404493	1.94565023	3.16530776	2.5224014
2.82131315	1.00E-04	2.0604297	1.38739882	2.3760264	2.54722502	2.00992404
4.4396008	4.01222958	3.76341254	3.26973212	3.22348877	5.02508741	4.30129393
0.30265481	1.00E-04	0.10484578	0.0824918	0.10294237	1.00E-04	1.00E-04
0.3105362	1.00E-04	1.90754912	0.73832941	1.14330958	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.82529782	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.66888466	3.27773764	3.51653575	3.68387389	3.49211003	4.08813516	3.84893965
1.00E-04	1.00E-04	0.09545996	0.13372292	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.44289603	2.02973545	1.17931898	2.05858434	1.00E-04	1.00E-04
1.10176074	1.00E-04	0.29796891	0.57601786	0.50708482	1.00E-04	1.47707837
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14744713	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.41895927	0.99182536	0.56577095	0.83873894	2.34840684
2.69113598	3.58965284	4.59678831	4.12404425	4.42779169	1.00E-04	2.42246639
1.50293475	0.68407235	0.71930942	0.87267578	0.36278822	1.00E-04	1.00E-04
2.77672433	1.59374717	2.40465496	1.70387317	2.8211711	3.49771391	3.10294192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	3.72434489	4.83868048	4.15199432	4.27218836	1.00E-04	1.00E-04
1.19638406	1.59341216	2.00478193	2.37973645	2.89155404	0.78141142	1.82924372
1.41606571	1.48543553	3.16258646	2.706349	2.86460842	2.37182698	1.33315902
3.57819584	2.38561019	2.95303983	2.33956189	2.75481874	3.16468879	3.03221029
2.69491041	2.33528176	3.44559137	3.57159211	3.71866458	1.63526813	3.15879489
0.33066623	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.04193976	4.40762217	4.81535433	4.34407946	4.03652762	3.72695921	4.08436001
3.71231878	4.15355866	4.60105425	4.05693123	4.1822798	3.94164864	3.82181913
1.00E-04	1.00E-04	1.00E-04	0.27615182	1.00E-04	1.00E-04	1.00E-04
0.63524967	1.00E-04	0.6438009	0.16273453	0.12564974	0.97058651	1.92449348
0.258347	0.8358776	0.36642645	1.00E-04	1.00E-04	0.79958263	1.92377709
3.09829755	3.08915946	4.10478676	3.82223238	4.1519451	1.43615822	2.53360822
1.00E-04	3.23259314	4.62483886	4.53790119	4.47348732	1.00E-04	1.32800755
1.04790102	1.00E-04	0.61711706	0.85776337	1.05120692	1.00E-04	1.00E-04
1.9452205	0.96847026	2.52071847	2.79464597	2.85576169	1.82464541	1.41992677
1.00E-04	0.69779233	0.39276339	1.00E-04	0.16978193	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7307309	1.28246279	2.65042229	2.27609525	2.89960398	1.9839082	1.24011905
1.69103958	4.23217004	4.52020636	3.91454389	3.78695151	3.24306206	2.34742952
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39750534	1.00E-04	0.15797341	0.31816933	1.00E-04	1.00E-04	1.00E-04
0.93052903	4.17284186	4.71894098	4.64995111	4.43447367	1.00E-04	1.00E-04
1.86680255	2.25303969	2.90520817	2.34660179	2.34218119	2.9970596	1.62793412
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80576512	1.00E-04	1.00E-04	1.00E-04	0.14461624	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29812513	0.13046994	0.12233227	1.00E-04	1.00E-04
3.07518585	0.69779233	1.47413095	0.74889194	0.72731731	1.73946177	2.49863392
4.30147399	3.43469888	4.79571876	3.91834331	3.90564992	4.72007874	4.94657218
0.50258216	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75599898	1.23689606	0.98913648	0.73875471	1.07476855	0.62567961	2.53134663
1.00E-04	1.00E-04	1.89187968	0.97015185	1.17023021	0.68203783	1.00E-04
2.38019045	2.40543895	3.17586141	3.26944486	3.07327692	6.41023367	6.72566207
3.89355656	1.00E-04	0.1503596	0.27666026	1.12467629	1.00E-04	1.00E-04
1.85550684	1.00E-04	1.66541672	2.27388148	0.75997109	1.00E-04	1.00E-04
3.00532276	0.8339972	2.65666193	2.7710864	2.23398438	1.97205805	2.61460944
1.31035336	1.00E-04	2.28787379	2.91493306	2.4334445	1.63825757	1.10802666
2.89433398	1.08649412	2.60121805	2.92991014	3.10392316	2.41060268	2.08931755

3.94825671	2.75598606	3.05633213	2.60680962	2.88533943	4.23607356	4.17357381
4.49119277	3.88963359	4.36541698	3.63492249	3.96433535	4.41039851	4.39539154
2.06965355	2.84908252	3.18652288	2.65993163	3.02890445	1.75989118	2.59716051
3.19826567	2.6379324	2.93552041	2.80924195	3.26403517	3.88821169	3.67138312
3.80788515	2.45929238	3.12933739	2.64867382	2.86306464	3.38163628	3.6610376
0.70037254	1.49077582	2.36256931	2.29446263	1.86292974	1.75058309	1.00E-04
2.77557122	1.37137101	2.9382478	3.07604505	2.5162786	1.47688247	1.46630533
0.20399708	1.00E-04	0.17390745	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.24137473	1.00E-04	2.21277986	1.98460937	1.60320874	2.57922568	3.02604606
1.03274036	2.30578602	3.56202871	3.24697566	3.20480194	1.89274403	2.17040522
0.6970488	1.00E-04	1.4252547	2.33367077	0.76662839	1.03499642	1.00E-04
2.27227505	1.46321927	2.68817087	2.53316448	1.42112913	1.00E-04	1.46862321
4.02291442	3.5245835	4.5663167	4.28622125	4.35524874	3.42884585	4.27761953
3.56201038	3.14658691	3.52480468	3.52777092	3.47998476	3.96711285	3.54133918
4.67963325	2.41296658	3.73560338	3.69093792	4.03003982	4.91232422	4.9647818
2.84408385	2.41658941	3.45800398	2.8735058	3.46232208	2.57368484	2.55369768
2.94334781	1.00E-04	3.19705191	2.28294661	2.98285049	2.51296879	2.78950758
0.9392778	3.81750695	4.63234023	4.14622174	4.2286419	1.00E-04	2.207773
5.07012651	3.357043	4.21973717	4.9197388	4.80435206	3.64628368	4.32087999
3.09768392	1.12553	3.35147605	2.62703084	3.11384499	3.14511478	3.34632531
0.06336707	1.99657646	2.2658819	1.92054463	1.67347828	1.00E-04	1.00E-04
3.06409852	1.71719266	2.12048172	2.0767156	1.98015869	2.97811521	2.99257945
3.95830143	3.00845719	4.32423414	3.92410155	4.25778377	3.5641616	3.76085403
0.21723843	0.87612072	0.33199387	0.19601647	0.34409258	0.84473467	1.00E-04
1.99617872	1.00E-04	1.62646625	0.76141257	1.89298039	1.95795845	2.53263847
4.06781478	3.47594419	4.29136135	3.99338348	3.93660821	3.79673643	4.01061114
4.35013942	2.80909152	4.36701874	4.03772446	4.08907973	2.70028352	3.30949901
3.11268922	1.00E-04	2.17217458	1.69283685	2.25843617	2.0303253	2.86949673
3.01324357	1.78308971	2.25482234	2.37006461	3.02284816	3.09268877	1.72099778
4.08302283	3.0612942	3.81332877	4.28534911	4.24891919	3.17367969	3.32161621
3.79056337	3.7051751	3.43513919	3.28706813	3.18216633	3.26116149	3.07568884
1.29956895	1.00E-04	0.06554964	0.44968917	0.18484934	1.00E-04	1.00E-04
2.54388664	2.51299105	3.2251547	2.67589599	2.96407439	3.79598271	3.69726405
2.62145727	1.84345853	2.0624502	2.03178712	2.29591058	2.94427659	2.90270681
2.79855687	3.04654373	2.42351069	2.30499944	2.21245511	2.81208	2.30840479
1.41841653	1.00E-04	0.78897235	0.50192192	0.60596911	1.20678517	1.00E-04
3.28025591	3.27196091	3.27953006	3.24440375	3.72562825	2.96485778	2.84982743
0.19336288	0.68407235	0.42297462	0.14542715	0.09550581	0.86319656	1.00E-04
1.00E-04	0.8358776	1.00E-04	0.08952278	1.00E-04	1.00E-04	1.00E-04
4.9005421	3.34598194	4.14707124	5.21612832	5.08810281	3.17691643	3.6505768
0.79088503	0.87456952	1.03911437	1.95998799	1.04237269	1.00E-04	0.81245127
0.30780921	1.00E-04	0.51874227	1.00E-04	1.00E-04	0.72869785	1.00E-04
3.12700647	1.00E-04	1.79914275	1.53586564	1.74031873	3.42872576	1.31799764

1.75137105	1.19089243	1.43622536	1.36019791	1.09312345	1.00E-04	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26797886	1.08649412	1.8407349	1.70819095	1.89492006	1.48926555	2.16768459
2.80514507	1.00E-04	2.78669486	2.85552387	3.23094331	1.52435057	2.4491377
0.5112285	0.68407235	0.09148407	0.14417241	1.00E-04	1.00E-04	1.00E-04
2.23479832	2.1543195	2.98198394	0.9853836	1.16184012	2.1111279	1.00E-04
0.19474114	0.96847026	0.74361175	0.78807876	0.44901273	1.00E-04	1.1474645
1.12231783	1.00E-04	0.74310673	1.12859194	1.0760824	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08746931	0.3153146	1.00E-04	1.00E-04	1.00E-04
1.23014746	0.8339972	1.91055229	1.52903984	1.3128062	2.03489177	2.29972912
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66268424	2.21226792	2.26819619	2.65079032	2.8992039	1.34958363	1.56857863
0.6177152	3.28348731	4.43376481	4.24227976	4.09479169	3.16917242	3.31557797
1.05200302	1.00E-04	0.29529503	1.00E-04	0.21894683	1.00E-04	2.09076869
2.09214503	0.7902481	2.25344239	2.45577424	1.67384495	3.26923618	3.09350727
2.15208805	3.73413481	2.39909304	2.7860466	2.28455856	1.79056513	2.47813824
1.00E-04	1.00E-04	0.11586018	1.00E-04	0.24922568	1.45108173	1.00E-04
1.00E-04	0.87456952	1.48359297	1.06284586	1.1908683	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06287992	0.09660285	0.14461624	1.00E-04	1.00E-04
0.14735492	1.39325402	1.39589507	1.73067351	1.30019591	1.72880029	1.00E-04
2.64664425	3.44846231	4.04335996	4.1763994	4.60780433	2.59201598	2.62867604
1.06007346	1.00E-04	0.57963027	0.31079243	1.00E-04	1.00E-04	1.51400059
2.50525879	1.25074513	2.68505137	3.16292725	2.79779063	1.44411568	1.96942123
1.23294267	0.92068596	0.81709921	0.44465802	0.85577669	1.66181256	1.09055109
3.42449435	3.06560522	3.28718076	2.81783669	3.58377524	2.19327445	1.81355994
1.80883291	2.69617887	3.27992149	3.12766964	2.99029098	0.84473467	1.00E-04
3.55838375	2.8967484	3.50839692	3.36393426	3.56455183	1.85756179	3.2009606
1.87300744	2.2789171	1.416375	1.15284655	2.20516061	1.00E-04	1.00E-04
3.9782393	3.92990532	3.84393952	3.35268325	3.3977568	4.67675622	3.00177541
1.00E-04	1.00E-04	0.18410464	0.11808269	1.00E-04	0.74564767	1.00E-04
4.58230006	1.82293172	2.48238226	2.33409348	2.47568862	4.73160081	4.17804489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.69586995	3.45418416	1.81799133	1.80057377	2.40047178	0.86319656	2.10864217
2.50841999	3.04531781	2.73898082	3.04482697	2.71270433	1.00E-04	0.41275046
3.04739926	1.00E-04	2.44680252	1.37813462	1.09599926	0.68203783	2.10102986
1.00E-04	1.00E-04	1.16325693	1.77408201	1.42218156	1.00E-04	1.00E-04
2.66719685	1.00E-04	1.57242938	1.44375355	2.8149615	1.52633052	2.46720445
2.95658186	1.00E-04	1.390202	1.69819931	1.06515807	3.61200889	3.84826397
2.60453007	3.98239293	3.06088132	3.51489053	2.98991331	1.26193698	1.96442136
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.07965694	2.86516765	2.49295037	2.16299322	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.7245376	1.00E-04	0.12694344	1.00E-04	1.00E-04
3.52830362	0.96847026	2.65465872	2.6206264	2.7073265	3.08613839	3.63423106

4.31088578	2.02307919	3.28941021	3.21550743	3.25616615	3.83322496	3.75786595
3.21653606	2.06746458	3.04261849	2.67660109	2.471092	3.19364684	3.13315355
4.03847481	2.38180913	3.53154186	3.23165609	3.1889534	4.27208227	4.53736138
0.83871721	1.00E-04	0.83641174	0.79910273	1.37875975	0.94908439	1.00E-04
4.57543396	3.29898122	4.14220659	3.78731264	4.19435707	5.26199584	4.95898578
2.30534826	2.81132456	4.29391976	3.79695931	4.03843282	1.95955597	2.08512145
2.30415795	1.28532547	2.69296522	3.29870963	2.93984261	1.48634524	0.48671447
3.47563559	2.24714947	3.21345903	3.01527838	3.19322371	3.36458659	2.7726227
0.2675694	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77411208	3.55566563	4.44006675	4.08771444	4.31138943	1.00E-04	1.37881795
1.00E-04	1.00E-04	0.37423398	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.53579983	3.95543328	4.65500621	4.33362185	4.23257168	3.47768417	3.50766476
2.76115641	0.96847026	3.18706952	2.74843283	3.2100692	3.2971687	3.37459999
3.6033716	3.29523508	4.59795486	3.87881766	4.29250093	3.52495032	4.2030959
2.51660185	1.3386578	2.27662079	1.73090203	1.88910583	0.92751185	1.53710888
3.64682877	2.21222969	2.74645141	3.17583107	2.83826688	3.29011133	3.68938772
2.89049076	2.39560286	2.9929265	3.18194268	3.23978895	2.833471	2.77714651
2.63493858	0.8358776	1.93050595	2.65519529	2.16780737	1.75922552	1.29750152
3.3325433	1.53188991	2.92231214	3.37462443	3.53682707	2.82458189	3.4271942
2.53062726	1.00E-04	2.56004902	2.54957299	2.55595509	2.51988793	2.55881798
1.79400149	1.9867945	2.70452272	2.86351497	2.64674227	1.00E-04	1.18243429
3.84532286	0.87612072	3.25423392	3.49793537	3.17024608	3.7784077	2.71157204
3.70423753	1.77610515	3.2140632	2.69511882	2.87283186	4.22500871	4.28928623
3.77328459	2.7736498	2.74590152	2.89963746	2.95803253	4.06593299	3.82948254
0.11105565	1.00E-04	0.22579933	0.1318993	1.00E-04	0.81755274	1.00E-04
3.36901424	1.15872716	2.38843934	1.65829893	2.45603	3.77519173	4.05181857
4.01857786	1.87739998	2.50693004	2.295253	2.48592892	3.53914548	3.55082923
2.47397865	0.87456952	1.57104452	1.9578309	1.88087635	2.8973417	1.42134639
0.61697203	1.00E-04	1.86691469	1.26936724	1.05098527	1.28787782	1.00E-04
1.15190588	0.71640521	0.76452493	1.00E-04	1.00E-04	1.27573367	2.77538295
2.89692541	1.00E-04	1.2518948	1.47012148	0.9406979	3.31814522	2.67092541
3.97351283	1.00E-04	0.58694711	1.18963687	1.29581154	1.00E-04	2.20270863
0.40615413	1.00E-04	1.00E-04	1.00E-04	0.11078928	1.00E-04	1.00E-04
3.38886306	2.06911704	3.79931347	3.54983875	3.50451782	3.8312807	4.10844173
2.01490025	1.00E-04	2.18862786	1.23777467	1.33995521	2.27069894	1.81442768
0.73211899	1.08649412	1.29680104	1.98627262	1.05972294	1.03647332	1.30591129
0.76616359	0.74506998	0.48853477	0.78684465	1.12176507	1.00E-04	1.00E-04
2.06928703	1.71539206	1.59806092	1.6960708	2.40987892	2.99630525	2.72800658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.13658288
0.69880374	1.00E-04	0.10054642	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.91793657	4.40082366	3.9027834	4.15538159	3.95901254	3.30625466	2.6118825
2.20082804	2.95964777	3.23656012	3.00665543	2.5113409	3.31485219	2.90175343
2.30168524	1.51852422	1.57380222	1.86480547	1.66699822	1.00E-04	0.56264051

2.78758698	3.31412732	2.91560182	2.90525461	2.94307068	2.84113951	2.67908891
1.91091329	2.85390194	1.78809846	1.71687416	1.33820381	0.71661629	1.01194579
5.54113725	2.40884722	2.98043655	3.06200194	3.49839638	5.74216965	5.86084626
3.97097107	3.36834287	4.22343041	3.83533057	3.90799686	3.76727555	4.10187297
1.7867116	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.82072703	2.27501939
4.42329323	2.55468937	2.91503681	2.94849978	2.5168533	4.32653421	3.82864393
1.00E-04	1.00E-04	1.19048003	1.35618469	1.00E-04	1.00E-04	1.00E-04
2.91803929	1.00E-04	1.01340222	0.54763238	1.32514888	1.81771522	3.2278802
2.99871949	2.74786505	3.6220953	3.570669	3.51774949	1.89686832	3.6086989
1.95551363	1.2795411	1.78976206	2.18991555	1.31934643	2.10561443	1.73917008
1.00E-04	1.69986202	2.28390295	2.53798058	4.16866164	1.00E-04	1.00E-04
4.83975721	2.24348044	4.04966489	3.75972172	3.79838367	4.4333466	4.59455153
3.17122277	1.22587756	2.37014899	2.99756713	3.22309086	1.00E-04	2.22690205
4.88965611	1.77683856	3.15859272	3.32512062	3.00248012	4.17899493	4.341591
5.17184761	4.29083555	5.04672718	4.71250541	4.72298526	5.52966645	5.36956682
0.43957999	1.00E-04	2.43218397	1.8486895	1.57394222	0.84497321	1.50363461
4.03731642	1.00E-04	2.35786409	2.95178399	3.2836141	1.95865393	0.80990935
1.96769042	0.92068596	1.82456792	1.47420078	0.54446348	2.01708348	2.6959041
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.88388831	0.8358776	2.14065913	2.8133417	2.7923226	2.02224683	1.83746744
1.20580466	1.00E-04	1.00E-04	0.78261226	1.223889	1.00E-04	1.01194579
0.30680304	1.00E-04	0.12810717	1.00E-04	0.11946472	1.00E-04	1.00E-04
2.74331334	2.54072863	2.71345401	3.27429914	3.20194489	2.14973895	2.04588127
3.1373203	1.00E-04	2.65070169	2.6104577	3.07506904	1.6683978	2.78955293
1.70617207	1.00E-04	1.76075221	1.35801639	0.41063881	3.57109578	3.23361433
3.77679884	2.77614885	3.66983851	3.49310828	3.31618477	3.61242346	4.14440277
2.13259436	0.87456952	1.80579224	1.34988127	1.92586	1.70593793	0.62168103
3.64683537	3.51070244	3.73625777	4.07022779	3.97474874	3.31337839	3.47426671
1.18840565	3.18560749	1.39334086	2.36090076	1.41870237	1.99448597	1.54271922
1.88792687	1.00E-04	1.81654214	0.95153223	1.26471827	2.96970145	2.37314043
3.52963367	0.68407235	1.7877088	1.35050004	1.34680189	1.22399854	1.88671886
1.84846445	3.36158248	2.69597985	2.13569804	2.72827167	2.39639261	1.79598843
1.32011263	1.00E-04	0.22284152	0.08021281	1.00E-04	2.24790483	1.39021388
4.25376502	4.06807872	4.72198324	4.21748985	4.55615017	3.11670506	3.75205516
2.31657329	1.90938366	2.68615685	2.1974633	3.25052952	1.00E-04	2.21615046
3.49037558	3.32378599	3.70274174	3.4887262	3.95139809	3.83714787	3.64380107
4.87146285	3.24461108	3.48340648	3.3348395	3.53495132	4.73303918	4.54653504
1.00E-04	1.00E-04	2.67772881	1.99561701	2.38686956	1.00E-04	1.00E-04
0.56055021	3.84077903	4.98477777	4.7667653	4.7002761	1.60007999	1.00E-04
3.37233043	2.31104857	2.56006086	2.00621329	2.88728936	1.47801642	2.3770735
0.54978928	1.00E-04	0.19769579	1.00E-04	1.00E-04	1.00E-04	0.7551454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48842734	1.00E-04	0.85096523	0.23834111	0.27362983	1.00E-04	0.72495184

2.66211419	3.37060325	4.09002069	3.55237419	3.45302712	3.62656869	3.86064975
2.0308382	1.45686103	3.1638236	2.93199868	2.88094901	1.00E-04	1.39574794
0.98226813	1.00E-04	0.57448667	0.67866183	0.59301425	1.08793411	1.00E-04
3.61987257	1.93688424	1.957355	1.75189269	2.44043135	2.65081987	2.10310257
2.72343729	3.57972517	2.85196054	2.79160887	3.5739183	1.820134	2.49771998
0.06765176	3.62236272	3.96161688	3.59198961	3.59739528	1.00E-04	1.00E-04
2.37737753	0.87612072	2.15640666	1.93647376	1.81281969	1.62455049	2.1620188
1.00E-04	1.00E-04	1.00E-04	0.12129306	1.00E-04	1.00E-04	1.00E-04
3.79643752	2.96778697	3.73774634	3.54675907	3.58303922	3.81024203	4.00099499
3.13217689	0.79637057	0.11897115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17826625	0.8358776	1.06271328	0.21913622	0.80232681	1.13698109	0.7179807
0.13092345	1.00E-04	1.47241214	0.74332506	0.90484401	1.00E-04	0.81996147
2.93267344	3.04295757	3.29521731	3.64173196	3.57240024	3.30317022	3.35564746
2.06925746	1.711511	2.56243336	2.55817259	2.53028143	1.00E-04	1.94421732
1.00E-04	1.00E-04	0.34099783	0.22484567	0.44084454	1.00E-04	1.00E-04
0.47128316	2.13559691	1.20534312	0.50323344	1.15598808	1.00E-04	0.68773152
2.58347844	3.2474106	3.4441233	3.05346637	3.10670861	3.59998311	3.30380991
5.33366948	3.38689966	3.81847155	3.58467995	3.73118209	5.48748621	5.37309436
0.74183215	2.93735068	3.23214989	2.37545346	2.52934922	1.00E-04	0.82486735
2.85715871	0.71640521	0.46740421	0.69693091	0.8342989	0.79958263	2.5208687
3.4506648	1.1166062	2.87633434	3.04053675	3.20915291	3.10514227	2.69360842
1.21156801	2.97481939	4.23478927	4.16037009	4.44854786	1.00E-04	1.00E-04
0.35886391	1.00E-04	0.77061287	0.9757304	2.11638709	1.00E-04	1.00E-04
1.21082055	1.00E-04	0.86117774	0.08321284	1.78834848	1.00E-04	0.81245127
2.12186566	1.00E-04	2.26666653	2.13288314	2.71552044	1.00E-04	0.86549988
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19089153	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.31180896	0.15219862	0.76925094	1.00E-04	1.00E-04
1.47686905	1.00E-04	1.02700891	0.24259711	0.464221	1.00E-04	1.85653543
3.55114934	1.12950432	1.70833561	1.11571457	1.254912	1.68725071	1.00E-04
1.00E-04	1.00E-04	0.13250997	1.00E-04	1.00E-04	1.00E-04	0.40038755
0.28716169	1.00E-04	1.15458712	1.47172546	1.04802369	1.00E-04	1.00E-04
1.98918264	2.59336908	4.05992478	3.63910683	3.35311186	3.79274367	3.57918787
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1136802	1.00E-04	1.00E-04	0.15820725	1.00E-04	0.81755274	1.34083346
1.34867769	1.00E-04	1.3497778	1.50924336	1.36554285	0.84497321	1.40124383
1.00E-04	1.00E-04	1.68155805	1.0236539	1.21526184	1.00E-04	1.00E-04
0.9629069	3.59053904	2.68464406	2.27575297	2.5716353	1.00E-04	0.316869
1.00E-04	2.26538146	2.58055724	2.20440316	2.26080045	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14808841	1.00E-04	0.31248258	1.00E-04	1.00E-04
1.00E-04	0.72877389	1.00E-04	1.00E-04	0.29898461	1.00E-04	1.00E-04
3.39447364	2.27983076	2.9202338	2.92585509	3.40305415	3.70444094	3.6021091
1.00E-04	1.94872273	3.58069704	2.95379568	2.82781867	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.35212735	0.62164863	0.31154028	1.00E-04	1.00E-04
2.26099009	0.8339972	1.93279765	2.30068352	2.01389285	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16368393	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44139965	1.00E-04	0.82033199	1.57192987	0.45197144	1.33356452	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95905749	0.68407235	0.90106374	0.79060377	0.18484934	1.00E-04	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.61983699	4.57140455	5.1733866	5.09595298	5.22710016	4.52659412	4.60905477
1.00E-04	1.00E-04	0.06504071	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36763804	0.74506998	1.8727589	1.30830745	2.01656403	0.94908439	1.46607815
1.12089583	2.34769712	2.22701646	1.99799149	1.64029465	2.43646162	1.62031057
2.44782883	2.15512423	2.39444167	1.71490972	1.36721005	2.84246499	3.212613
0.74767259	1.00E-04	0.15720559	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.45355083	2.93878927	2.126239	1.8293324	1.00E-04	1.07387115
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19207974	1.00E-04	0.49092796	0.0814007	1.00E-04	1.00E-04	1.00E-04
0.06301971	3.34908503	4.27205508	4.24155847	4.14508485	1.00E-04	1.09929142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.61075618	1.61456781	0.4382714	1.00E-04	1.00E-04
4.27782457	2.88971101	2.15862383	2.03354194	1.79970099	3.98545137	3.34161127
4.64439431	4.08443185	4.44051257	3.82803218	4.10968601	4.2230489	4.1919438
3.8187755	3.36477667	4.05508293	3.87332125	4.22247689	3.0634336	3.37831069
3.38186305	3.72742268	4.04083679	4.28657771	4.34041792	2.41622107	2.88208537
2.65982637	3.77255547	3.62191214	3.70773492	3.94339564	1.00E-04	2.35220904
1.6352115	2.49528535	3.46480337	3.25551945	3.24081483	2.65278578	2.75763741
4.28512191	3.17762285	3.96666506	3.77134555	4.195974	4.07120838	4.46757207
0.24944707	1.00E-04	0.65043566	1.00E-04	0.22929158	1.23897179	1.00E-04
0.59350412	1.00E-04	0.06586442	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.54452565	2.56076932	1.48006173	1.69030052	2.08240614	2.58676406	2.11743531
3.23239625	2.50449337	3.53836243	2.9653565	3.35601249	2.69552852	3.4311968
3.58423925	2.57936388	3.46203242	2.69777951	2.62614559	2.25515025	3.35789706
1.32947406	1.00E-04	0.17378127	0.44276486	0.32311127	1.00E-04	0.98620672
3.0501739	2.50947827	3.61008613	4.37879296	3.86726357	3.00964832	2.92395303
0.53773821	1.00E-04	1.99259508	2.35312166	2.31060037	1.86120506	1.00E-04
0.38518406	3.85399679	5.0391645	4.24602778	4.3467454	1.00E-04	1.37041131
0.2520512	1.00E-04	0.86008399	0.29912718	0.15509212	1.75707711	1.24145063
2.79666271	1.71333206	2.53064474	2.20111538	2.43400833	2.34762402	3.39200872
5.07056029	1.83240181	2.9488522	2.29531913	2.86093622	4.30130934	3.96483235
3.92751474	3.01116129	3.73492998	3.34149202	3.50188874	4.3251477	4.56699394
6.05349226	2.43185377	3.02279933	2.50586779	2.94185726	4.9091412	5.26157392
1.12172584	1.00E-04	0.7794067	0.58477949	1.37294434	1.97279818	2.41850618
2.58543531	1.76746887	1.03378888	1.524578	1.47593292	3.03660446	2.50948672

1.96063181	2.05502294	0.55334185	0.71067267	1.00777472	1.0281643	1.00E-04
1.15793588	2.6601312	3.25917281	1.9631335	2.06759895	1.00E-04	1.16048721
1.09334811	2.76936402	3.85630691	3.72375209	3.3685894	1.00E-04	1.99384824
0.64792987	1.00E-04	0.88870049	1.00E-04	0.40074313	1.00E-04	1.00E-04
0.56130538	1.00E-04	0.11897115	0.20630683	0.15882988	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.51826683	0.12795857	0.19324649	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72091452	1.00E-04	0.37456905	0.24177662	1.00E-04	1.00E-04	1.00E-04
3.54772618	3.60125391	3.90684504	4.08913107	4.32981377	2.65050632	2.85074303
3.63710954	3.54860618	3.79220081	3.46544281	3.46671789	6.26925913	6.3072954
1.43447355	1.00E-04	0.40152377	0.16722881	0.18650874	1.91774778	1.06380493
0.59433254	0.8358776	1.35861929	0.5538698	1.06056793	3.2325558	2.85266893
4.93754978	1.00E-04	1.29447804	0.10712804	1.82769711	1.10522239	2.18449991
0.19863166	1.00E-04	0.0779111	0.38382129	0.15509212	1.00E-04	1.00E-04
3.62343579	1.77817707	3.25071278	3.15268928	3.3805384	3.92691207	4.08617539
4.07437534	2.88536068	3.35084541	3.33229626	3.0634541	4.60357218	4.48486311
1.87497789	1.27635397	3.00452761	3.16060766	2.52683922	1.00E-04	0.41275046
1.31954401	1.11722896	1.74221376	1.68644095	2.55472957	1.22667441	2.20396641
2.07523891	1.00E-04	1.26347575	0.39402938	1.68376922	1.75707711	4.64923311
1.00E-04	1.00E-04	0.36894197	1.00E-04	0.18255603	1.00E-04	1.00E-04
2.9236038	3.64602373	4.78377289	3.33664577	3.31231562	4.60175335	4.84419482
0.60866957	0.71640521	1.14190428	0.63148511	1.13597705	1.4113289	1.3282665
4.83202917	2.27034001	3.90797918	4.85202163	4.63371877	2.84381808	3.95891997
2.49709587	1.00E-04	0.20240825	1.00E-04	1.00E-04	1.00E-04	1.26691255
0.85939012	1.00E-04	2.31437653	0.94257967	2.17056557	2.03662485	1.76584302
0.72557379	1.00E-04	0.83935695	1.45920498	0.90905618	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8472534	1.00E-04	0.15710491	1.00E-04	0.47921964	1.96771038	1.00E-04
1.00E-04	1.11722896	1.32128563	1.26703563	1.7861167	1.00E-04	1.29750152
4.25794343	4.964686	5.52808691	5.15106559	5.29037801	5.07021376	5.17283335
5.20097	4.67773578	5.67751225	5.01600815	5.13866453	5.46083415	5.46373944
1.64003548	4.36618094	5.12692541	5.2832722	5.29813715	1.00E-04	1.53275558
5.15820361	4.12659903	4.73091145	4.80872815	4.70913416	4.78052255	4.97017496
3.74443316	1.96085612	3.22679223	3.48181248	3.39793808	3.63890665	3.662678
1.00E-04	1.00E-04	1.00E-04	0.21201555	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.3572833	0.18264865	0.127027	1.00E-04	1.00E-04
2.57069721	1.08649412	1.91079596	2.62474067	2.53427456	2.65799452	2.20897607
2.16723817	1.09568947	1.40234991	1.12282291	1.33382968	2.15434117	2.04679455
4.26443129	3.55656814	4.03084497	3.36953429	3.75746488	4.02513303	4.50047464
1.0284209	3.31308256	3.89151938	3.53228705	3.38844311	1.00E-04	1.00E-04
4.70698726	3.28042427	4.60843605	3.75191634	4.45721073	5.21455864	4.94949363
4.58001954	4.10441439	3.97592155	3.71368628	3.78651632	5.17823874	5.43155235

4.68351439	3.78200398	4.34612478	4.00874969	4.24637081	4.75606771	5.06511409
3.38048093	2.39969865	3.80941708	3.66952782	3.80802762	3.74800899	3.46049832
0.55352137	0.72877389	1.16560026	1.89636226	2.72475917	1.91791379	1.05176901
3.75053993	1.20883053	3.0350759	3.26926848	3.16132276	4.86552993	4.80154508
1.64783256	1.892791	2.71281271	2.7368783	2.47954812	1.00E-04	2.32127855
3.13904101	1.00E-04	1.9431398	1.06361143	1.18856735	1.96330558	2.28690047
4.94510508	3.23455099	3.99672717	3.72428448	3.85417726	5.77687931	5.8928643
5.76322433	3.67547161	4.44256558	4.10354975	4.42304284	4.71774213	4.97358076
0.25365118	1.00E-04	1.28084383	0.56797332	1.43468845	1.00E-04	1.00E-04
5.27414568	3.96543291	4.88994617	4.68858952	4.66924855	5.47431958	5.43245631
4.67402718	3.72186538	4.4831124	4.1454177	4.33597876	3.95884481	4.7024755
4.99081312	4.40270273	4.76019894	4.75066796	4.772536	4.93704255	5.12022627
3.72224715	2.61739409	3.47166334	3.39310485	3.40155915	3.724568	4.11232851
3.06110499	1.65091835	2.63373111	2.41829544	3.14685325	2.86674124	3.42562575
4.23305336	3.55690738	3.32505796	3.56590712	3.08164148	4.05566736	4.18831322
5.38078116	5.04899625	5.10721843	4.99468241	5.13070631	5.31789581	5.5682634
3.87684183	3.44470458	3.65484989	3.33395745	3.31108649	4.03749464	4.35723639
3.4642956	1.00E-04	2.64190611	2.10621703	2.55009434	2.60394835	2.73418943
2.73367536	2.0347233	2.94495648	3.12081668	3.34902478	2.11880225	2.55447808
0.69914049	1.00E-04	0.27873962	0.2527251	0.90570687	1.00E-04	1.00E-04
4.05009817	2.60626145	3.85108712	4.02636508	4.05101597	2.53242855	3.46184544
4.11004615	3.15616901	3.88817252	3.89528201	4.19586451	4.42785429	4.57189603
1.57389089	1.00E-04	0.36459052	0.87690051	0.14148046	2.00541101	0.7179807
2.67402397	1.55069037	2.51989767	2.20253487	2.12354326	1.5639308	2.40469553
4.31334448	3.83863726	3.92510559	3.99576518	3.99514391	3.90321102	4.1469274
4.4490468	2.4950763	3.87538376	3.42520151	3.87031538	4.28989393	4.5480549
4.96175314	3.96659719	4.50219349	4.13064909	4.13138782	5.14087048	5.51006207
5.94286985	4.67403108	5.44002298	5.22425484	5.62207211	4.50760904	4.62170556
6.17979381	4.78633853	5.46895055	4.84506131	4.78749482	6.05495908	6.46046778
0.27293106	1.00E-04	1.00E-04	1.00E-04	0.09550581	1.00E-04	1.00E-04
1.00E-04	1.15872716	1.328026	0.78375469	1.55570052	1.00E-04	1.63665251
0.27280489	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.56605276	2.64924019	3.52112115	4.13048416	4.00995317	3.61170374	3.71368471
2.28831939	0.87456952	2.09478048	1.943248	2.48985456	1.6232365	2.27674049
5.45496753	3.35317222	4.08516974	5.18713487	4.91721372	3.96196154	3.69030536
5.4077371	3.41209856	4.80564522	4.14643096	4.31636522	5.49020922	5.68865458
3.41126383	1.77610515	2.91105333	2.87947736	3.02566095	2.74863772	3.3967127
5.42542088	4.08958641	4.5942304	4.2933091	4.00726506	5.77967325	5.70614044
5.03956361	4.45435055	4.92913828	4.50311872	4.33170278	5.08506421	4.65529005
1.70637932	1.46407503	1.98441051	1.76491671	2.32105819	1.00E-04	1.87640593
2.85567891	1.00E-04	2.87028986	2.64836617	3.03796012	2.64023899	2.1440243
2.32591677	1.00E-04	0.49110333	2.15870228	0.86898309	1.00E-04	1.25571475
2.33904209	0.79637057	2.56094195	2.23036052	2.5572254	2.51153983	2.1921872

3.73381834	1.99687297	2.8681521	3.85574208	3.11989557	2.9284392	3.09650737
0.57977173	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.06947465	1.17896398	3.14956415	3.39187771	2.84065828	2.74434945	3.154059
2.09373354	0.87456952	1.85023169	2.4112883	2.17264881	1.00E-04	2.46999561
2.64823946	0.68407235	2.36539068	2.70953487	2.46039889	2.58021764	2.63488154
5.92593338	4.15958998	4.80682067	4.78298178	4.82508711	4.5596658	4.12080168
2.66575556	1.50104261	2.28709848	2.5174346	2.42667415	1.47218851	1.55595021
1.00E-04	1.00E-04	0.19989423	0.13901689	0.54403233	1.00E-04	1.00E-04
2.30729614	1.00E-04	1.06356906	0.80892014	0.50353324	1.12978361	1.96112857
4.09901124	2.9292725	4.13950078	4.43029087	4.30981939	3.11648523	3.43861636
2.08276885	1.37027069	0.81364298	0.59566629	1.96369569	1.00E-04	1.00E-04
3.18094417	1.33582455	3.01239071	3.71744717	2.86252772	0.89799762	1.84398023
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1974566	4.62176913	5.53251545	6.11383634	6.20665726	1.00E-04	1.97645357
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.30321153	3.03389993	2.90626634	3.60111538	3.98689933	2.37469005	2.21531791
2.0719006	0.68407235	2.3286795	3.53480006	3.37298726	1.30404648	2.14304697
1.00E-04	1.00E-04	0.11467877	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.80614838	1.00E-04	1.79037675	1.9256614	2.54833417	0.88297287	1.64044886
2.44947858	1.42739025	2.41992583	2.11419548	2.47813676	1.103099	0.54053641
3.42355765	2.84677785	2.8927289	3.69758368	3.93370876	2.2199981	2.16615207
1.00E-04	1.00E-04	0.44117689	1.15046061	2.33204101	1.00E-04	1.00E-04
0.26535312	1.00E-04	0.37999061	1.00E-04	0.12125625	1.00E-04	1.00E-04
0.99309683	1.00E-04	0.3269052	0.3636893	0.47893656	1.00E-04	1.00E-04
2.49938536	0.96847026	2.67414288	3.63697259	2.91722925	2.63731725	1.45295266
2.53601504	2.710969	3.12970876	3.43894838	3.38857114	1.33356452	1.00E-04
1.07545163	1.00E-04	1.05957771	2.85661478	3.13373927	1.00E-04	1.00E-04
4.32733725	1.59385356	3.65987575	4.26467823	4.04807337	3.84982546	3.70629014
2.23275781	1.00E-04	2.19937322	2.52410046	2.88497482	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07159432	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07386411	2.18750272	2.7745625	3.57659131	3.57428381	1.00E-04	1.32157107
1.00E-04	1.00E-04	0.10444449	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.71701399	2.29892931	3.71731032	3.33923829	3.46194758	3.79910032	3.74337062
3.85541828	0.69779233	3.03714296	3.13593385	2.95011301	3.53693455	3.61433495
0.44142223	1.00E-04	0.37006052	0.17154006	0.51082279	1.00E-04	1.00E-04
0.38834188	1.00E-04	1.51115538	1.52214014	0.74214286	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.33784352	0.92986113	0.11078928	1.00E-04	0.98620672
1.31488848	1.00E-04	0.60400896	0.54561248	0.15392957	2.71103195	2.86666297
2.57118401	0.72877389	1.57801091	2.25638964	2.08253546	2.0865835	1.6397824
2.59026754	2.64289565	3.66146619	4.05943734	3.77161433	2.55016616	1.20557618
0.30680304	1.95547568	2.88572117	1.98940154	2.55160405	1.39046758	1.36514787
2.95222696	2.64969456	2.91642091	3.13274093	2.37292843	2.99963345	3.22955565
0.20446808	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82486735

2.82751808	1.84069108	2.61887237	3.04836634	2.73094699	3.2573097	2.80089519
0.62115487	1.00E-04	0.37967231	0.70008077	0.99073888	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.56263642	4.60487266	4.04873944	4.26584205	4.30249309	3.24548178	3.30584455
0.44260632	0.68407235	1.53987904	1.1167802	1.04131233	1.00E-04	1.00E-04
2.16402924	1.00E-04	0.9703949	0.53849875	0.4646028	1.71011775	2.17915526
1.00E-04	0.71640521	1.00E-04	0.24760726	1.00E-04	1.00E-04	1.00E-04
4.120847	3.08116124	3.76132393	3.81350273	3.41696376	3.15592791	3.79593741
1.60156946	0.8358776	1.26325599	1.91169481	1.29276493	1.28787782	1.07127105
4.69969043	3.89979415	4.88993426	3.99942751	4.58420181	4.67199954	4.67081756
4.39893473	3.37838335	4.39529709	3.74035885	3.93501598	5.72135019	5.49266203
1.00E-04	1.00E-04	0.2711161	0.16789239	0.72938636	1.00E-04	1.00E-04
3.2697506	3.91390895	4.08595097	4.07222419	4.2233792	3.89480374	3.72077474
5.78006408	4.74020461	5.6802306	5.23319378	5.64658372	6.31530599	6.39787006
3.26495088	1.94470863	3.00626255	2.05072817	2.36410651	3.45700439	3.22705835
2.16415997	1.00E-04	2.34001374	2.16291056	2.77927239	2.23372672	1.35534155
0.9938935	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67292418	1.00E-04	0.26538375	0.1285221	0.11711669	0.94371668	1.00E-04
4.05397971	3.88870709	4.31869425	4.12650961	4.23204126	3.82149751	3.61683149
0.37509226	1.00E-04	1.42197818	0.38897758	1.00E-04	1.00E-04	1.12396442
3.3823921	3.20453487	3.00647245	3.24253847	3.23222292	2.24292741	2.59769582
2.66768704	1.79316117	2.76966947	2.35658896	2.14070852	2.39483368	2.83597546
1.00E-04	1.00E-04	0.62985962	1.00E-04	0.31721658	1.00E-04	1.00E-04
3.14703264	3.86555129	3.80270226	3.9435359	3.85426201	2.13833792	2.230522
1.957165	1.00E-04	1.34397704	2.01007605	1.19713231	1.21222102	2.00646513
3.5574339	2.24833264	3.3175491	2.64484928	2.79055501	3.45707924	3.54757846
2.80648715	2.93651144	3.80704503	3.44324476	3.93267374	2.68813215	2.41017041
3.31589636	1.77145913	3.43268459	3.54799537	3.46504635	1.30373518	1.68773603
3.52528278	1.00E-04	2.59963081	3.31087685	3.22879395	2.59022328	2.31302607
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86366107	1.00E-04	0.6100475	0.171335	0.75593635	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19902775	1.00E-04	1.17428699	0.29838389	0.50252342	1.00E-04	0.316869
5.22981481	4.71294133	5.07120283	4.8202763	4.80333887	5.55470585	5.53378731
1.77166214	3.77346128	4.38116855	3.87609405	3.91859237	2.31167167	1.55386895
4.09873513	2.01033429	3.46793823	4.12436283	4.08407709	2.73806542	3.45122093
3.36766784	1.16207952	2.37439029	2.32736021	2.16959516	3.31397475	3.4580149
3.34585241	1.00E-04	1.61914218	1.80131188	2.05757476	1.00E-04	0.91051889
2.24521898	1.28472534	2.39685583	1.51240689	2.25469759	2.76190781	2.72381831
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.03588937

3.76658619	4.27802301	3.50728831	2.61608013	3.49840864	5.69760328	5.37237259
4.00537859	1.9787626	3.78954803	3.91739059	4.18972929	3.89176907	4.32492129
3.50028797	1.52102673	3.21255187	3.65101639	2.96292732	2.1752984	1.86254203
3.47674462	1.16728446	2.50881423	3.06774377	2.84788798	1.98309198	2.97588673
2.60946116	0.7902481	2.30760247	2.70374886	2.39451747	2.19221477	1.00E-04
3.05683365	0.74506998	2.33610229	2.33080025	2.10119536	2.54091784	2.85117921
3.0822986	1.90878853	2.08242734	2.55773598	2.35117843	2.41188245	3.40630434
4.69393636	3.17517115	4.58102336	4.34828577	4.36117002	4.91439239	5.2074107
2.67637547	1.79482715	2.04098419	2.22323623	3.02355623	2.52446996	1.35215205
4.56603732	1.85332259	3.78639536	3.88763329	3.71619007	4.13638935	4.63412807
4.65157208	2.13666786	3.74950369	4.1644996	4.27739343	3.49589544	3.70065006
3.84607921	1.46634758	3.54229176	4.16441734	4.05858902	2.74240995	3.29782451
2.12062157	1.3386578	1.5964138	1.99817433	1.4818712	1.95752516	2.71675303
4.06468784	1.88742448	3.26289008	4.26799715	4.03012915	2.95237137	3.91471308
4.4900287	3.64219719	4.0786146	5.03668696	5.00804922	3.08583501	2.65462002
4.36113803	1.96040583	4.0021346	4.63400286	4.66145834	3.76017328	3.34205241
3.9235352	2.04226287	3.57046251	4.30404237	3.95831977	2.97738563	2.83529314
3.62682284	0.8358776	2.62576997	3.15227387	3.29113982	2.39483332	2.72780898
3.85037822	2.10677349	2.64230445	4.28950138	3.77699452	2.43395587	1.73804093
4.00198033	2.52298385	2.74854983	3.40786625	3.25137973	3.77717732	4.04250318
2.07954375	1.00E-04	0.11466092	0.18315065	0.1476729	1.00E-04	1.00E-04
3.75479224	4.32507883	5.61136307	4.93729443	5.10069287	5.5262764	6.06636662
4.03839154	2.07096489	3.69864408	3.40613993	3.70126005	4.99258492	5.25482129
1.00E-04	1.00E-04	0.68338563	0.50157037	0.18420248	1.00E-04	1.00E-04
1.00523154	1.00E-04	0.8073655	0.08321284	2.58076701	1.00E-04	1.25131486
1.27364912	4.65480836	5.391482	6.24917804	5.75758735	1.00E-04	1.61123147
4.73067515	3.48255126	4.11841778	4.72452301	4.59736567	3.72485222	3.67080013
2.91789631	2.27801923	2.92985499	2.23062382	3.35174177	2.46004586	2.70069062
4.3449327	3.94490725	4.45852173	4.45475852	4.68437545	4.34282945	4.20845967
4.06672691	4.11668329	3.80060468	3.65731793	3.73083945	3.4718767	4.17306652
4.47806717	1.63894632	3.81733366	4.13093267	4.3214945	3.31269303	3.96373183
2.78029427	1.00E-04	1.71887011	1.44362303	2.27272777	2.38268295	2.88283992
2.98856907	1.30959702	2.03511226	2.41478902	2.24161121	1.91776323	2.969983
4.98339799	3.58710784	4.64904028	4.14013242	4.38785145	5.34058305	5.35438271
5.00885146	4.02880212	4.69416091	4.23864223	4.3911762	5.35410199	5.5541112
3.17969529	1.00E-04	2.0694762	2.48195945	1.66941537	2.45629492	1.69144436
2.14670303	1.45110418	1.27263169	1.66651677	2.82675286	1.87523631	2.78501656
3.04125358	3.22103382	3.51783373	3.37354941	3.69223419	1.97721251	1.87678745
4.15079729	3.01406773	3.28937071	3.50554581	3.12618669	2.80834011	2.52939836
3.22484822	3.83558757	3.3017394	2.89771057	2.89142725	3.59138538	3.82554453
5.41609255	2.65406721	4.08618673	4.16418868	4.36803987	4.09216365	4.45548148
2.16245237	1.00E-04	1.00E-04	0.52456779	0.7273171	1.00E-04	2.63865802
1.61874179	1.23689606	1.91326844	1.46524677	1.77819315	1.32413304	1.98940628

1.82501817	1.00E-04	0.26368606	0.27327274	0.44573897	0.86494787	1.00E-04
3.7772801	3.93535103	5.10914296	4.81186669	4.95852981	2.55518874	3.40262433
5.44910267	3.94445085	4.39481576	3.75308869	3.98739462	4.6318495	4.81015087
3.7380205	2.98892711	3.82317794	3.29917986	3.79448042	4.24477392	3.66653006
6.48984916	5.11562799	6.03216033	5.46673103	5.49060597	4.66391719	5.08879998
4.90473878	4.27750214	4.79377954	5.27843569	5.18552305	3.63466114	4.4023648
4.12999708	2.30295963	2.89925907	2.59456331	3.06191455	4.10745467	3.63101991
0.59350412	1.00E-04	1.85456247	0.58288671	0.34910998	1.00E-04	1.00E-04
2.42167448	1.00E-04	2.20358464	1.98088897	1.91704244	0.84473467	2.58261007
1.00E-04	0.72877389	1.34951358	0.93843147	1.06671637	1.00E-04	1.00E-04
4.58657441	4.34967849	4.73177448	4.24305617	4.56466845	4.72671279	4.93915199
4.60612403	2.84553406	3.58127965	4.07511383	4.23991802	2.75739422	2.84824268
4.92610392	2.64931295	4.18096124	3.79797349	4.37308801	4.86484207	5.11316748
1.24909647	1.98366186	2.89126304	2.78954855	2.88270926	1.08793411	1.00E-04
3.96229745	2.25626225	2.79037692	2.45658147	2.81372697	2.34815717	2.28039651
5.48624453	4.34589449	4.55677003	4.40992878	4.53579788	4.2223683	4.27530165
3.46555409	4.6035724	4.51143159	4.28439871	4.4459046	3.99090292	4.5624676
2.51560735	2.13575435	2.8401278	3.23692493	3.64187359	0.79838122	0.7070202
2.66970455	2.8843808	3.80069687	3.00014219	3.36104015	2.80271483	1.72303332
3.74714177	1.00E-04	2.03735583	1.99000463	2.97586252	3.28888914	3.45841244
2.31592365	3.12249824	2.08211596	2.71043459	2.85488456	2.72793551	2.75559115
1.39170029	0.68407235	1.50023595	1.77347086	1.2462012	1.00E-04	1.00E-04
2.76339282	1.81083596	2.71307796	2.61764379	2.83722313	2.29056153	2.95527286
4.17076342	3.43169223	3.31054383	3.17784854	2.95207696	3.69837787	4.06801917
2.19565235	2.3050271	3.34313037	2.84394964	3.27982905	1.63075825	2.76240865
2.97683774	2.50155359	3.03737547	2.75619696	2.96211342	2.69969624	3.00968485
3.75468576	3.74359518	4.47040606	5.13300804	5.00347532	1.04641343	3.30065596
3.75438935	3.9886111	5.280478	5.75053191	5.48890801	2.96157864	3.77223206
3.95444007	3.16492958	4.05614578	3.73665815	3.75932558	1.00E-04	1.11427605
0.17888527	0.68407235	0.65586889	1.00E-04	0.29259784	1.00E-04	1.00E-04
1.00E-04	0.69779233	1.15378748	0.46133509	0.72211219	1.00E-04	1.00E-04
5.75114381	4.71616295	5.53239521	5.49356022	5.54291799	5.09089844	5.359699
1.69249052	1.00E-04	2.21880173	1.5850408	1.38665688	4.60739892	4.61967369
3.14624172	4.73771322	5.30941001	4.74099329	4.6447646	1.24135441	2.80118936
2.94907493	2.24841322	3.09095208	3.06333529	3.23991188	1.00E-04	2.12928086
1.10249778	2.72858035	3.54231165	3.67476742	3.14234766	1.00E-04	1.53899517
0.55620926	2.2478237	2.91615251	2.66790232	2.38114835	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32618722	1.00E-04	0.73727508	2.4183899	1.32855579	1.30530732	1.41312029
4.97004465	4.23124439	4.09764195	4.20079599	4.39786721	5.41108334	4.9954162
3.72682581	4.91762769	4.76689744	4.64196622	4.63342938	3.53727734	4.07563321
5.41692513	4.32793965	5.1145515	4.68868573	4.87247826	6.26535537	6.46398646
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1.00E-04	1.00E-04	0.29039159	0.10087056	1.00E-04	1.00E-04	1.00E-04
0.16819726	0.87612072	1.19447037	0.5952862	0.22938667	1.00E-04	1.00E-04
1.00E-04	0.7902481	1.72172025	1.46984052	0.86494309	1.00E-04	1.00E-04
1.00E-04	1.61087376	1.3520862	1.97846091	1.49934965	1.00E-04	1.00E-04
1.94410089	0.68407235	0.66045035	1.42569484	2.60712401	1.00E-04	0.7040554
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56987753	1.00E-04	0.3383526	0.21022395	0.18760349	1.21290128	1.00E-04
1.49099952	1.3449137	1.77985494	2.6052703	2.28258522	0.46029024	0.35134699
0.79087407	1.74225253	2.92789733	2.57349024	2.73882181	1.38951674	1.10727063
0.37024795	1.00E-04	0.4277432	0.88957023	0.17301519	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15229761	3.66192713	4.68359324	5.12493305	4.63194477	0.97412898	1.97754363
0.18403988	1.76032204	2.90799831	3.39872287	3.08240545	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.73479185	2.88753788	4.04671365	4.12165495	4.12692088	3.28286592	2.91948752
6.63795188	5.33010504	6.08727918	5.50485703	5.5271436	1.00E-04	2.91263076
0.50399516	2.88377046	4.27411333	3.39408459	3.75494263	2.65772126	1.31413929
0.7283095	1.00E-04	0.12469637	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48532156	1.00E-04	1.00E-04	1.00E-04	0.08916315	1.00E-04	0.56264051
1.00E-04	1.00E-04	0.95863691	1.75654628	1.04609521	1.00E-04	1.00E-04
3.75043241	2.14766133	3.54576945	3.90175872	3.2114221	3.91441914	3.88608246
6.31266503	4.26336295	5.67902237	4.83772968	4.89042204	5.86878811	6.51889562
5.89465564	3.0270801	4.71228295	4.06475741	4.26164695	5.28565108	5.43016359
5.66965893	1.36324452	1.97053644	0.9567768	1.29072115	3.02760813	3.27965848
5.27619734	3.70958091	3.8975723	3.5740877	3.43001571	4.3874001	5.05581926
3.24532131	0.74506998	2.47442369	2.15023299	2.34520108	3.48852215	3.5583388
4.98354081	3.01751	4.07359696	3.76808985	4.19785983	5.19943413	5.13410961
4.1360321	0.74506998	2.5201355	2.15508627	2.80924191	3.86790977	3.93399864
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66860302	1.00E-04	0.08074249	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7214912	3.53444393	4.1795319	4.60936799	4.94501419	1.00E-04	1.22180816
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.21845696	1.00E-04	1.45804699	1.4881744	1.57472434	1.00E-04	1.00E-04
1.86717029	2.34408163	2.52888518	1.68861857	2.01460719	2.12871767	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.4443708	5.0455967	5.82231968	6.47774317	6.36717135	1.00E-04	1.26109454
3.49253499	5.50946958	6.08983701	5.63004731	5.59496583	3.96764473	3.17324152
6.25996296	6.30783147	7.05366919	6.45454051	6.54711398	3.31573487	2.77031251
1.51433326	5.41402703	6.18831756	5.84981706	5.96745781	1.00E-04	1.83041353
0.41088843	0.74506998	0.49009565	0.13318497	0.77369303	0.94371668	1.00E-04
0.81288394	1.00E-04	1.32588595	1.10040521	2.20767994	1.00E-04	1.00E-04
0.93408458	4.85583057	5.80189032	5.63917855	5.54811791	1.00E-04	1.38709491

3.96634467	3.07978628	3.40868904	4.08740764	3.98187415	2.60266476	3.29827223
0.96275486	3.78784378	4.24381873	4.60601154	4.24495937	1.00E-04	1.00E-04
4.99716843	4.61571555	5.06436422	4.84362811	5.03658786	5.34774416	5.53955436
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.411057	0.53597618	1.74568323	1.00E-04	0.40038755
1.00E-04	1.00E-04	0.75468044	0.65292935	0.36119501	1.00E-04	1.00E-04
2.86423742	2.6616182	3.44897182	3.41436948	3.57822158	2.93821176	2.60721129
4.44187135	2.11348792	3.76601265	3.39194665	3.50446003	4.09831523	4.48187177
3.09909874	1.57542582	2.5411174	2.01819484	2.84663666	2.60052061	3.0790322
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.5458071	5.34300225	5.85431861	5.25622908	5.23156602	5.0382308	4.88996486
0.82937319	1.00E-04	0.27843217	0.07577735	0.22874625	1.00E-04	1.00E-04
1.15100684	5.10891271	6.11543746	5.58362484	5.69095432	1.00E-04	2.10334114
1.00E-04	4.92210254	5.62535229	5.21716093	5.26106961	1.51042251	1.22697765
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.86384731	1.47903019	2.33674404	2.37676773	2.73109767	2.11887279	1.9649313
0.14840774	1.00E-04	0.47211131	0.52714895	0.93806846	1.00E-04	1.48223447
3.51803818	1.54062948	1.50064375	1.6498406	2.35055545	2.06671663	2.93886828
1.00E-04	1.00E-04	0.28955907	0.31832141	0.64922706	1.00E-04	1.00E-04
1.09945096	1.26921924	2.03846695	2.82529347	1.67414005	1.97245613	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.42849603	1.00E-04	1.40909786	2.09125323	1.47867881	2.0279161	2.34865027
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1976681	1.00E-04	0.88658342	0.77044992	0.45998457	2.62356908	2.87320195
1.41921051	2.04053287	3.51234298	3.84947925	3.70906233	0.95637875	0.98620672
1.00E-04	0.87612072	0.72778646	0.62929482	0.86476445	1.00E-04	1.00E-04
2.81879078	0.87612072	1.40677581	1.8327799	1.50742605	0.99041069	1.11940789
2.12864545	1.23400418	0.23555335	0.23846866	1.00E-04	0.88297287	1.00E-04
4.88196044	2.44143603	4.13823522	3.81612129	3.8585042	5.52958953	5.37639541
2.66002558	4.65150391	5.43381159	4.9390322	4.8663156	1.27573367	2.6048344
2.10622261	4.4070848	5.68104428	5.15472232	5.34266954	1.56615715	2.49978557
2.15931927	3.02410208	3.97517385	3.51612383	3.8886875	2.99771496	2.18037644
0.79236644	1.00E-04	0.52242603	0.26649794	0.58605612	1.78467507	2.76839916
2.0210031	1.00E-04	0.25381501	0.35323554	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24798516	0.0848519	0.10294237	1.32413304	1.00E-04
1.00E-04	2.17350187	3.56122039	3.27449202	3.68059942	1.00E-04	1.00E-04
3.78579303	2.55374587	3.64470461	3.10676238	3.30551374	3.61373956	4.15092095
4.52295691	4.47522979	5.74187173	4.97301277	4.80914127	5.10275556	5.16132739
1.00E-04	1.00E-04	0.42586812	0.06816182	0.35842965	1.00E-04	1.12396442
0.73933644	2.85390194	0.16108886	0.13328809	1.73572073	1.00E-04	1.00E-04
4.72017792	3.16914926	4.96338191	5.63314775	5.68582857	2.81452514	3.31975679
4.11553227	1.89693647	3.31085381	3.30298154	3.74713927	2.68972849	3.22193407
4.51222366	1.21891	3.33352092	3.80983904	4.08104779	3.65424395	3.77323955

0.57628501	1.00E-04	0.90088679	0.41490496	0.76736826	1.00E-04	1.00E-04
1.72628298	1.00E-04	1.33727811	0.62231474	2.13095102	1.38927927	0.97863975
2.36168306	3.91144598	3.02673638	2.36237337	1.73728498	3.85954664	3.44502731
0.44048219	1.00E-04	0.21312823	0.19988641	0.19146895	1.00E-04	1.00E-04
3.98608169	2.53150187	3.4653199	2.54828211	3.17363176	4.57211968	3.86149711
4.36359075	4.04115701	4.43123556	4.05910379	3.96298413	5.04693544	5.2180671
1.00E-04	1.00E-04	0.21830461	0.70389403	1.00E-04	1.00E-04	1.00E-04
1.18867225	5.02090731	6.07900642	5.5556078	5.53764337	2.44605773	2.3363662
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.150766	4.31741155	4.90162345	4.51049028	4.50493961	5.33829004	5.26551126
0.32745856	1.00E-04	1.87424236	1.65532519	2.83297751	1.00E-04	1.00E-04
4.78349011	3.27301032	4.50371626	4.20206675	4.33146742	5.02177258	5.11721355
3.6293942	1.43948638	3.17755695	3.51338828	3.39623064	2.43524066	3.13214946
3.98384376	2.61766226	3.64636387	3.60855076	3.83143379	3.70279057	4.48868963
1.09103446	0.79637057	0.97318049	1.65149006	1.41283587	1.00E-04	1.5344211
2.83400046	0.96847026	1.92492013	2.41691395	2.06924332	2.38736713	0.40038755
1.00E-04	1.00E-04	2.28206989	2.00542782	1.89052955	1.00E-04	1.00E-04
4.10684011	3.85951752	3.75324922	4.07318752	4.27037999	2.15847962	3.01735844
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.49627154	2.96731761	3.99245735	3.12719383	3.19057266	3.76208347	3.6061067
6.06765353	5.08492655	5.71188	5.19430438	5.10833129	6.03579283	5.94882996
3.52955953	3.61341809	4.3242329	3.71853503	4.04726556	3.69649115	4.18478486
2.58785603	1.00E-04	1.28783914	0.76089871	1.09446572	2.73992892	2.48634371
1.08329966	1.00E-04	0.31762012	0.26010919	0.89351953	1.00E-04	1.37041131
1.99647104	0.8358776	1.25796284	1.47530752	0.75859181	1.87022337	1.7417324
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13536061	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73744416	3.47484254	3.65430762	5.21002514	5.1316772	2.41548581	2.0968351
1.00E-04	1.00E-04	0.12595457	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10002775	0.14454473	0.1020411	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0691919	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22450226	0.8358776	2.38063844	3.47111576	2.9519753	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.31730881	1.00E-04	1.00E-04
1.8052459	2.91041419	3.63152249	3.59805136	3.81840091	1.00E-04	1.85080532
3.85675151	3.59481507	4.96668933	5.19500539	5.32490828	3.73629642	3.04612101
1.00E-04	1.1166062	0.22952159	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.2322979	4.28812283	4.51257492	3.93660366	4.31507144	3.11132498	2.93556939
1.08333331	2.34072659	2.98329521	2.92374547	2.59647057	1.00E-04	0.79505536
2.3181133	1.00E-04	1.16483827	1.91619467	1.54600275	2.32143055	2.66859533
2.42424068	1.57120999	2.48810212	3.09259437	3.30720243	2.00395828	2.05761878

0.54870886	4.58075438	5.01254018	4.34368118	4.31459626	1.92755523	1.9833514
2.52795492	4.62936407	4.97528331	4.76819664	4.7979709	2.42881241	2.10472719
1.00E-04	0.8339972	0.54140608	1.00E-04	0.23923979	0.95102466	1.00E-04
0.33385759	0.8358776	0.9161214	0.57088447	1.91401002	1.00E-04	1.00E-04
0.53276313	1.00E-04	0.56770446	0.52588957	1.00E-04	1.00E-04	1.00E-04
2.64533248	2.99153517	2.19828707	2.25009605	2.17031815	4.76320324	4.31488939
1.00E-04	1.00E-04	0.65781563	0.25209435	0.22031191	1.35253231	1.00E-04
1.99654249	1.00E-04	0.47065915	0.58170117	0.74681988	2.63307691	3.39879603
0.27183643	1.00E-04	1.49250804	0.41843154	0.83122364	0.84497321	1.00E-04
4.85142058	4.17317659	4.95133995	4.56100451	4.48447056	5.05401582	5.05347589
4.8496337	2.40779665	3.79951293	3.44378525	3.55192065	3.52780833	3.74853542
0.27755829	1.00E-04	0.18127505	1.00E-04	0.21251484	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.32255294	1.00E-04	0.17301519	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08218983	0.08952278	1.00E-04	1.00E-04	1.00E-04
4.94055987	3.69241912	4.79185154	4.26024972	4.40433527	5.13687676	5.14287853
1.02740733	0.8339972	2.07506725	1.2989397	1.37509301	1.24435473	0.35134699
5.3961086	4.12575049	4.80619402	4.39789619	4.45633891	5.48227745	5.69038936
1.56917702	1.20883053	2.94692896	3.16933614	3.20599614	1.00E-04	1.00E-04
3.63737972	4.31154768	4.96653002	5.01937339	4.70712938	3.66143151	3.57973945
3.87468633	2.8321321	3.70642085	3.22471829	3.10414274	3.39080984	3.82536613
0.63156168	1.00E-04	1.00E-04	0.17594925	1.00E-04	1.78793231	1.00E-04
0.71114847	1.00E-04	0.13729064	1.00E-04	1.00E-04	1.00E-04	1.13658288
1.00E-04	1.00E-04	0.47710997	1.00E-04	0.35873332	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.98663458	0.8339972	2.44784767	2.34155631	3.13042774	2.94432374	2.9921353
0.9115294	2.08143957	3.02546007	2.91494632	2.717706	1.00E-04	3.00854634
1.54021321	1.00E-04	1.40249727	1.46847757	1.02687033	2.29492206	3.32380058
1.98605558	2.23275039	2.84017021	2.11235108	2.29454801	2.49358659	1.5044989
1.00E-04	1.00E-04	0.11780573	1.00E-04	0.12233227	1.00E-04	1.13658288
2.59963878	2.63274607	2.42532498	2.92072737	2.62136623	1.91822697	2.7144748
1.65120949	1.00E-04	2.36024433	1.67992152	2.32427117	1.00E-04	1.00E-04
2.97137776	1.53139699	2.89229947	3.10767843	3.16009212	1.90545992	3.12681317
3.68135601	3.46862532	3.83313275	3.44538691	3.40548223	4.47278236	4.15849897
2.27772881	3.06398307	2.96294164	3.34720261	3.18235945	1.59344545	1.40240391
3.81454671	1.36419637	2.68681235	2.93815607	3.205724	3.35445101	2.75095357
1.00E-04	1.00E-04	0.36563823	0.11614357	1.00E-04	1.00E-04	1.00E-04
0.41025671	1.00E-04	0.09186897	0.12988431	1.00E-04	1.00E-04	1.00E-04
4.40002279	4.47307574	4.9328456	4.45867401	4.43690552	4.9774705	4.79825777
1.56318676	1.00E-04	0.32587031	0.23099565	0.2721971	1.00E-04	0.81245127
4.18218333	4.71790949	5.6718505	4.96714691	4.98376245	4.80252031	4.11640245
0.25958802	1.27635397	2.52341299	1.95375812	1.89116115	1.00E-04	1.00E-04
0.91943531	1.00E-04	1.06857823	0.48520196	1.74260194	1.00E-04	1.06680503
1.44085091	1.00E-04	0.86835114	0.7911783	0.7359691	1.45563445	1.81782953

3.63997229	1.15872716	3.51861595	3.4903007	3.2295096	4.17407699	3.85039693
4.51883375	3.60410682	4.58991503	3.99192878	3.93299541	4.51438761	5.00094127
2.1572857	1.90368216	2.74275658	2.43198819	2.54298617	1.00E-04	1.69594342
3.61599533	3.14412427	3.52760188	3.84274497	3.19732954	3.64111989	4.00264722
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26325943	1.00E-04	1.00E-04
3.16782267	1.92988789	3.44361111	3.4098601	3.39473732	2.81077688	3.445025
0.39635127	1.00E-04	1.00E-04	1.00E-04	0.127027	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.11678318	1.00E-04	0.19021253	1.00E-04	1.00E-04
4.5383195	0.8358776	2.97852623	2.71487159	3.66316917	4.0930991	3.80336152
2.53625154	2.61961453	3.42189981	3.64959405	3.60376919	2.64488251	2.974686
5.02129509	4.21816242	4.97461633	5.18848917	5.05099037	4.83103174	4.66217722
3.44086868	2.84677785	2.96526536	2.96027863	3.30879862	3.24750938	2.49670691
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.40950478	2.05582656	3.85115535	3.21088328	3.36111054	4.17876381	4.33004978
1.84021583	1.00E-04	1.7434383	2.04242237	1.95620053	1.00E-04	1.4281818
3.39396964	2.21411198	3.2896288	3.10765955	3.20590698	4.06043208	4.14154199
1.00E-04	2.54450227	2.8595721	2.20056693	2.47038988	1.00E-04	1.58608049
0.88822129	1.91498713	2.89538422	2.93196824	2.43445522	1.00E-04	2.0811834
0.49422	1.00E-04	0.71382769	0.24586535	0.40222892	1.00E-04	0.62168103
1.79921704	1.52415755	3.09491062	3.20394006	2.98959275	1.76063624	0.81996147
1.99571482	0.7902481	3.13288941	2.65837334	3.31312779	1.00E-04	2.16295485
5.34244653	4.24279201	4.73280527	4.07381685	4.29299122	5.58470302	4.80983858
4.93882943	4.01097623	4.73707844	4.41110345	4.44583718	4.96950301	5.1761809
3.82060979	1.9314999	3.6855999	3.86259534	3.56643171	3.15286415	3.3085294
2.71562553	1.00E-04	2.74060051	2.64439779	2.13772273	0.94908439	1.64129987
3.08781639	3.57845075	2.87873251	3.35324567	2.88845423	2.76237025	3.0244569
1.39710254	4.52517982	5.41868338	4.5403134	4.73925344	1.00E-04	1.34083346
5.29891013	3.89634171	4.95698648	4.17792173	4.25717346	4.22042749	4.64992861
3.83310051	3.10975396	3.71504846	3.28031262	3.49462942	2.86059672	2.69979135
5.18088933	3.36575472	4.69150232	5.03291187	5.133318	5.10510946	5.31781806
4.70554827	3.19990056	4.4647111	5.12939499	5.08310943	3.3987035	3.80241097
1.0982439	1.36324452	1.45282213	1.65215724	1.25474491	1.62594653	2.68852016
3.44824754	1.18919506	2.19756657	3.10367163	2.44836025	1.57329915	1.44319882
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.40270767	4.26507216	5.07005151	6.02734959	5.87429063	3.83695958	3.91562261
4.67572548	1.98740411	3.70887435	4.40226065	4.21474318	3.20444008	4.08148836
4.16720053	2.63720519	3.63099046	3.81674752	4.09352622	3.83932441	4.05334846
3.18228701	2.87530298	3.33212644	3.10187506	3.56146141	2.5964906	2.79029258
3.75017835	2.12432294	3.15577239	3.65507049	3.94015574	3.28592642	3.81822947
3.98683604	3.82258113	3.97265137	4.78248109	4.80413675	2.08827681	2.38966923
4.42006131	3.93867764	4.46439234	3.9815432	4.33784747	4.53644017	4.75606499
6.03571388	4.61978881	5.3228987	4.66570815	4.62782022	5.84801163	5.98205183
1.54203606	1.00E-04	0.16112848	1.00E-04	0.12694344	1.00E-04	1.00E-04

3.57993976	2.13139043	2.75347342	2.84502161	3.2896766	3.55294266	3.31702701
2.85253712	1.00E-04	2.08497945	2.80659297	2.4888396	2.15241216	0.49725191
0.95815312	0.71640521	0.77569091	0.13318497	0.72970529	1.00E-04	1.00E-04
0.44035705	0.87612072	2.62717237	2.41141275	2.98938155	1.00E-04	1.00E-04
2.72848438	3.07474416	2.93945832	2.98685224	3.28749054	1.88424797	2.91200174
2.13791983	1.00E-04	1.79692792	1.64494004	2.67118073	1.68318718	1.59310286
4.96725927	4.03155573	4.64974997	4.84076454	4.61263633	4.44858264	4.50614404
5.66433737	5.33841771	5.68818875	5.49380869	5.16942333	5.74426982	5.96227528
1.00E-04	1.00E-04	0.12858809	0.09185911	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37993054	1.00E-04	1.00E-04	0.09142772	1.00E-04	1.00E-04	1.00E-04
3.37501829	3.21231354	3.10279602	2.87613409	3.32104702	3.05749943	3.36233343
4.16993387	2.49405684	3.84168306	3.81830583	3.75149839	3.44451821	3.9573646
4.97673556	3.04132777	4.31156425	4.55519706	4.19087039	4.32155622	4.7536832
5.50135652	3.97258101	4.93593989	5.00481233	5.02789261	5.67812897	5.62454172
2.62589118	1.43926948	1.66921367	1.58964527	0.81461992	1.65566665	2.50828859
4.73089953	3.17050911	3.65780905	4.18768532	4.10848444	4.28951545	3.9398548
4.72516325	3.85707925	3.84265643	4.41040261	4.5943803	4.56994069	4.46822386
5.24572235	3.51017843	4.5891568	4.33890689	4.77359633	4.9075687	5.30436643
5.67445953	3.40574756	4.38371277	4.86504331	4.88655757	5.2540268	4.90412024
4.10818099	2.94719022	3.88687465	3.78513266	4.15657189	4.20284452	3.62285155
5.50660686	3.97449671	4.57756054	4.77912231	4.66774385	4.79723127	5.35227201
3.02685736	1.33582455	3.1217342	3.17274876	3.4758599	2.80662098	2.69896356
4.55912193	2.54670677	4.01986226	4.8164686	4.88544051	3.57171248	3.53090135
1.01251514	0.79637057	2.76811279	2.3166264	3.0502313	1.00E-04	1.42882862
1.00E-04	1.00E-04	0.06504071	1.00E-04	0.15653713	1.00E-04	1.00E-04
4.61503554	3.66192367	4.43795929	4.23230534	4.24675637	4.93686896	5.0251417
3.02061682	3.43961837	2.53065238	2.63296565	2.83181232	3.55695693	3.20592671
4.14747245	2.98156915	2.37852047	3.25678901	3.65737891	2.38810384	2.77329573
4.85872054	2.75172981	4.63534187	5.23123942	5.06439759	4.16066722	4.62496391
4.09239113	1.90260256	3.59066075	4.07841754	3.83841378	3.25676828	3.14466949
5.29910891	5.00657022	5.55639202	4.76797738	4.90659846	5.77174853	5.81751683
3.92725804	4.24454505	4.93919013	4.63126153	4.56349233	5.60298831	5.01242856
3.11623954	3.84867236	4.46442492	4.65613848	4.61025534	3.82151981	3.47449079
0.56073031	1.00E-04	0.34027401	0.38282591	0.09704178	0.94371668	1.00E-04
1.00E-04	1.00E-04	0.11586018	0.57151502	0.37024509	1.00E-04	1.00E-04
3.51865405	3.0895534	3.50332091	2.37400585	2.84867134	4.41118891	4.6231428
6.71828042	4.84885112	5.19402809	4.90396909	4.95814987	6.94744676	6.95024389
2.87813668	1.31007456	2.84551535	3.00170729	3.14264122	2.83241611	2.78289827
0.21163578	1.00E-04	1.00E-04	1.03523909	1.00E-04	1.00E-04	1.40124383
3.09014712	1.2795411	2.19254628	3.17019751	2.93920171	1.80917827	1.10058605
4.53720107	1.00E-04	2.71283858	2.43328644	2.01590021	1.00E-04	0.41275046
0.44139965	1.00E-04	0.16064588	0.36070394	0.19143586	0.81261445	1.00E-04

4.31066866	2.93101042	3.85095665	3.4959028	4.13779177	3.35062856	4.20400426
4.67886522	2.56351615	3.2227224	4.09080918	4.2437126	3.28549041	3.88946882
3.86997771	1.69323529	3.45842939	3.80373913	3.6876134	2.96644762	3.36091843
5.25793043	3.85957688	4.47694539	5.15670425	5.05348575	4.14898993	3.69530798
2.84616005	1.94986607	3.41862494	3.83779174	3.55699655	2.80043965	2.87654047
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.50501804
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43060091	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.37778697	2.10422469	3.76219067	4.10654797	4.40106103	4.09584703	4.18088005
0.22354862	1.00E-04	0.25913502	1.30176274	0.10372144	1.00E-04	1.00E-04
2.5050424	0.87612072	2.18781817	2.46529721	2.01021658	1.54970248	1.42211132
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83083207	1.00E-04
4.62950836	4.09237387	4.85188067	5.22356849	5.11770746	4.21774762	4.03509586
3.3386051	3.89240102	4.69803696	4.30858387	4.02523962	3.2318148	3.13011291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15739259	1.00E-04	1.00E-04
5.42904929	4.24304152	4.24467868	3.60498834	3.80711941	5.49252999	5.26627536
3.61593965	0.68407235	2.56839456	2.6871677	2.20853899	3.26115852	3.28224016
4.45502568	3.79385341	3.86910598	3.49439623	3.83698661	5.0374609	4.72837269
2.95997071	3.93528451	4.71868035	4.32030303	4.07223358	1.95756206	2.62301671
3.58857525	1.2795411	1.85226189	1.8149671	2.55904709	3.24249686	3.26783208
4.28745931	3.43385179	3.98627222	3.61619848	3.7479353	2.58608383	2.08033007
2.09601373	4.76904488	5.00638624	4.39429015	4.27381991	1.00E-04	2.48651959
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47074025	2.60053141	4.32607876	4.51757815	4.18978864	1.00E-04	1.00E-04
2.06829775	3.38876085	4.30550791	4.64449067	4.30922498	1.77194475	1.3282665
4.59285863	4.70618591	4.91773659	4.46896832	4.58436475	2.98945074	2.99506715
3.50291594	1.28472534	1.73304871	2.22440862	2.61675699	0.62567961	2.84333666
4.72026079	1.00E-04	0.09167754	1.00E-04	0.17638133	3.30173458	3.55167909
3.59016786	1.9297015	2.96954497	3.25753912	3.40061167	3.99344619	3.38725794
2.91030968	4.38713341	3.95489837	3.49306399	3.9649109	3.95851359	4.04724984
4.47770194	2.76869906	4.06202482	3.77890027	3.76168535	4.29716629	4.36392569
3.0570617	1.00E-04	0.67819149	0.59348879	1.81294292	0.81261445	3.65251026
1.00E-04	1.00E-04	0.5339793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.66073783	1.00E-04	2.04757806	2.34729992	2.69455966	5.69028832	6.00799713
1.00E-04	1.00E-04	1.00E-04	0.08961591	1.00E-04	1.00E-04	1.00E-04
0.47313871	1.00E-04	0.16197034	0.73249671	1.00E-04	1.00E-04	1.896868
0.63023692	1.2795411	0.39260041	0.86648618	0.18101271	1.00E-04	0.84167817
0.38358393	1.00E-04	0.61014057	0.41198122	0.51453308	0.62567961	1.00E-04
1.94546088	2.84458482	2.95666871	2.92080725	2.96843695	3.05389233	2.81357204
0.68884009	1.00E-04	0.15813453	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.36652158	3.23689404	3.37237808	3.74183605	3.76995446	2.45891446	2.34156729

6.26290615	4.91790424	5.04067716	4.6952724	4.7907095	6.52813486	6.60609628
5.35349108	3.63315571	4.72117447	4.57648131	4.49311045	5.4866707	5.57745349
1.04868043	1.00E-04	1.00022352	2.09319346	0.49388695	1.00E-04	1.07063054
3.67119005	2.36121573	3.65275401	3.65111416	3.60019727	4.00431115	3.59189293
4.22977946	4.43819786	4.18427791	4.12983422	4.24118078	3.618946	3.90182859
3.13716218	2.56808994	3.04234082	3.41057356	3.32203446	3.41252354	3.26326376
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4.87812316	1.00E-04	2.07513525	2.39112438	3.40386415	3.9558911	4.19506439
0.88670003	1.75101426	3.43018387	3.51641085	2.71467348	0.74564767	1.00E-04
0.63975408	1.00E-04	0.0575112	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54849837	1.50757328	2.96548359	3.40311901	3.42465988	1.00E-04	0.7179807
3.03626596	1.2795411	2.18206122	2.87324841	3.09217693	2.13338166	2.44934276
3.4425347	3.6742915	2.80116092	2.80065625	3.01827142	3.48174606	3.66292917
3.10055176	1.00E-04	3.42430862	3.57650798	3.56471318	3.54276621	3.57083242
2.64937613	2.00391778	2.28950391	1.78513773	2.37670747	3.29379374	3.72107965
1.52854257	1.00E-04	2.0905008	1.7960632	0.86590685	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.11701955	1.00E-04	0.77429742	1.00E-04
3.81773463	3.86010064	2.94476534	3.29553385	3.14116238	3.38845301	3.42242767
0.43581258	1.00E-04	0.50058482	0.54304132	0.79592466	0.46029024	1.00E-04
2.68393637	3.79022649	3.27540236	2.80388055	3.39993883	3.22251862	3.99898254
4.19826522	2.78346737	5.49118266	4.216504	4.53655064	4.09070651	5.00031194
3.4831085	2.72082066	3.43957544	2.13463916	2.54917902	3.15438711	4.12623757
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3.04833656	1.00E-04	2.30752199	1.46877698	2.01016577	6.02214543	6.61593831
3.67030921	1.54062948	2.80260867	2.69982035	3.13374564	3.09937883	3.91156606
4.33744392	2.95548846	3.78963164	3.70687523	3.70667577	4.6961069	4.81674915
3.9537238	3.51737276	3.42804157	3.29904776	3.25111677	3.4427194	3.45235509
4.95853199	4.43231999	4.92399465	4.81287392	4.80728594	5.2103935	4.89495469
5.64879518	4.77761775	5.48031294	5.08956705	5.24627676	5.76731657	5.51002543
0.70488742	1.37265105	1.58350736	1.86603058	2.28406693	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24286172	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84931184	1.00E-04	1.34390457	2.7195104	2.1928285	1.00E-04	1.12271955
1.00E-04	1.3386578	1.79853613	2.39242984	2.81977495	1.00E-04	1.00E-04
0.4059605	1.2795411	0.4174229	0.35766144	0.48522782	0.88323491	1.00E-04
1.00E-04	1.00E-04	0.79166647	0.19617386	1.45003357	1.00E-04	1.00E-04
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5.74974741	4.00184909	4.77690852	4.30701324	4.20134833	5.59369403	5.53255417
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4.9631642	4.64373975	5.2302085	5.03092065	4.96809295	5.66777384	5.7062248
3.12359149	1.89383745	2.89705623	3.16027233	3.47167716	2.94556955	2.99911064
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3.70698586	4.22114395	5.08210432	4.46594579	4.55464606	4.09135433	4.71081492
1.82597204	1.46321927	1.89801064	0.95506379	1.26349541	1.10522239	1.15573112
1.00E-04	0.68407235	1.48613254	0.23429495	0.44329071	1.00E-04	1.00E-04
1.00682103	1.00E-04	0.34111883	0.58276366	0.5999428	0.46029024	1.00E-04
0.95818195	2.45846118	2.53474964	2.26363021	2.15138255	2.10876486	3.10967761
0.41994003	5.66811175	5.4257145	4.86074275	4.98995853	0.96274275	1.26435967
2.81770486	2.42580597	3.32898514	2.89282537	2.6489106	3.09083296	2.93356137
1.04985939	2.76356972	3.23977878	2.80779653	2.65798867	1.31947418	1.00E-04
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4.35333516	4.09789752	4.12252635	3.64040893	3.97906491	3.90406575	4.10346862
0.77206289	1.00E-04	0.65787918	0.25205247	1.58371019	1.03647332	1.80842558
2.3011883	1.46451883	3.28582734	4.18182394	4.08585563	1.48200738	2.68511616
0.35491339	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.35180692	1.61075168	2.3516227	2.58405361	2.40078053	3.25390536	3.72935919
1.00E-04	1.00E-04	0.22787783	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66258247	2.87729684	4.21812386	4.11905196	4.60813629	1.18371736	0.41275046
3.00918661	1.52442888	3.31771718	3.80789011	3.73256038	4.07433728	3.94885171
2.05909092	2.65205041	4.13628238	3.71476844	4.14737467	2.33948734	3.09435885
1.28462669	0.87612072	0.62240409	0.84223461	0.42448759	1.00E-04	1.1787663
3.28277648	3.01878289	3.46722111	4.06092958	4.20078962	1.36695586	2.04335568
1.00E-04	1.00E-04	0.89584431	1.00877802	1.73241842	1.00E-04	1.00E-04
1.37948749	2.27043155	2.38509308	1.78090491	1.89522257	1.44247495	2.00570871
0.88488586	0.96847026	3.10343302	2.85126172	2.16397707	1.47299792	0.7070202
2.07813285	4.05563998	4.69074373	4.4298301	4.11032495	1.00E-04	1.00E-04
0.80909633	4.62207153	5.16130639	4.58166331	4.51746957	1.00E-04	0.82486735
1.56465384	3.80162531	4.07715991	3.87109493	3.72510923	1.69997076	1.00E-04
0.95314978	1.84032334	2.62608503	2.54601608	2.36966758	1.00E-04	1.00E-04
3.28534229	3.7959247	4.54201537	4.4681335	4.37509404	2.25370754	2.03822758
1.00E-04	1.00E-04	0.34080076	0.08321284	0.34614786	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1318993	0.1253092	1.00E-04	1.00E-04
3.46528183	2.42821205	3.27617054	3.17644414	3.29741597	2.56341898	3.3561318
2.0608091	1.96607588	2.32235217	2.11993865	1.82694616	1.00E-04	1.25654185

3.61237392	4.03905672	3.6182807	3.96357607	4.13215895	2.92035673	3.29558991
4.91056686	5.21496324	5.77489065	5.42954344	5.53540907	4.23144157	4.55234476
1.47662952	1.87859526	2.08678777	1.75741311	1.6083973	1.00E-04	1.45779465
0.04764841	1.00E-04	0.18228706	0.44982828	0.41852764	1.00E-04	1.00E-04
3.26899302	1.63081094	2.37714913	2.65775819	3.23872154	3.20588134	3.77602709
1.00E-04	1.00E-04	1.48171407	0.28986829	1.00E-04	1.00E-04	1.00E-04
4.81977459	3.56074733	4.56175014	4.03939598	4.40698457	5.10140965	4.84604891
4.91433224	4.36028512	4.89242386	4.44961294	4.58106172	5.30176572	5.5779326
3.09632147	1.54378501	2.72701794	2.59419472	2.75707139	2.40516235	2.90148062
3.75421431	3.0822469	4.04934112	3.61246142	3.83750911	2.51140343	2.11804145
3.35640407	3.0147529	3.02628199	3.10806909	3.06059321	2.73399191	3.41912677
5.13984066	4.27491786	4.09853764	3.77238991	3.94232821	5.12879703	5.11512473
3.70193675	1.47912128	3.62435641	3.99119965	4.13760662	1.7603818	2.86424203
1.16392055	1.00E-04	1.00E-04	0.09290426	0.69229826	1.00E-04	0.35134699
2.20027223	1.00E-04	0.83524021	1.69511043	1.37877503	2.56735872	0.35134699
3.34507601	2.4013845	3.63819248	3.5154661	3.58174953	2.69982386	3.81970684
4.75179655	3.02378668	3.91342781	3.80586687	3.97382565	3.82610228	4.19121068
4.77778144	3.6259788	4.39839947	4.1579807	4.40519659	4.29499026	4.14977869
4.69250998	4.34030133	3.94566868	3.51758244	3.49751943	4.70299411	4.84854292
3.85023	3.00555798	3.83031867	3.3578217	3.71083622	3.4994848	3.9843959
2.00734127	0.87612072	2.6949023	1.33131953	1.59484882	0.84497321	1.01194579
0.84484249	1.76481047	1.82746749	0.97009349	1.28092195	2.03251739	2.00602644
0.74482925	0.79637057	1.12854596	1.08592328	0.68300228	1.00E-04	1.24145063
1.98712585	2.38763638	3.84061946	3.62382066	3.49478323	1.97555192	2.62429689
3.38115465	3.66107767	4.17204388	3.83016164	3.85851249	4.42656299	5.34758097
3.33164517	2.04599946	3.40714035	3.21128593	2.27010103	3.31137924	3.04571673
3.59561084	1.25855308	2.99999816	2.53069711	3.26314129	3.58451583	2.70939304
3.38931037	3.62093111	3.17868825	3.03023758	3.24772014	3.67542867	3.25898237
5.24421373	2.9204748	4.09768182	4.18068142	3.88908021	3.67785033	4.11610444
5.17060825	4.18618228	4.98707027	4.66215669	4.73562045	5.31900836	5.56070348
0.95017409	2.01794276	3.20396459	2.62935935	2.78457795	1.00E-04	1.09929142
3.58734068	2.58551146	3.57591086	3.81547101	3.94895617	3.22271786	3.09930125
3.91314572	3.91149721	3.54935245	3.72773805	3.61833438	4.59965734	4.17620195
3.84758965	3.51241915	4.38906341	3.88127676	3.56062584	4.32743437	4.69730825
5.16457936	4.21648002	4.29378952	3.82447296	3.89453703	5.66189771	5.68126159
0.80224582	1.00E-04	1.61666139	0.51007102	0.76436736	1.23823032	1.00E-04
0.38901261	3.40097812	4.50345062	3.9395875	3.75205604	1.00E-04	1.00E-04
0.3546965	2.43513696	3.51051293	3.10966591	2.9449743	4.75564015	3.60504732
3.73107445	3.26928775	3.28649761	2.64438404	2.89599435	3.6135433	3.60843568
1.97823595	4.25657601	4.7180654	4.33179808	4.39671002	2.22690781	2.43151089
5.80476596	3.63174998	4.24389734	4.94334072	4.89765172	4.54317722	4.67253455
3.70261862	3.26373203	3.27059704	3.29056291	3.08298784	3.86587923	3.27594754
4.5164915	3.19890033	3.54138228	4.16269079	4.02112568	3.3656412	3.3350447

5.11916558	4.75405213	4.90270568	4.51104436	4.71169198	5.39290436	5.44561698
2.82810717	2.93604666	2.4855119	2.83837566	3.67343565	1.58630913	2.17686072
4.39939558	3.99144411	4.0174442	3.65650205	3.95204355	5.03992764	5.24600724
4.18529119	3.13024901	3.81888364	3.95714904	3.90776244	4.30908752	3.58397116
3.81199623	1.67388658	3.23569809	3.34938323	3.32603166	4.38581454	4.23774161
3.52720967	1.00E-04	1.55592566	2.10264694	1.34539533	1.86586172	2.72595425
3.44710515	1.45845871	2.92113621	2.72735806	2.68304758	3.51312666	3.46467971
3.59854264	2.70569111	3.81704239	3.29068588	3.55068976	4.06526013	3.83074206
4.46596243	3.35115255	4.24343743	4.23467704	4.31661354	4.48891396	3.82753686
1.00E-04	1.15872716	1.85222611	1.60363917	1.81194758	1.00E-04	1.51443555
5.42572657	1.47996903	1.74757127	2.41810231	2.33876458	2.96744228	3.2728813
2.78683581	1.78490214	1.76967362	1.21413717	1.22161401	1.9080333	2.76321375
1.00E-04	1.25402837	2.01122252	2.51145917	1.12949576	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.37225579	0.3831552	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.45723517	0.21415403	1.00E-04	0.86319656	1.00E-04
0.5851545	1.00E-04	0.5587597	1.0228421	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.84473467	1.00E-04
4.12657414	1.96855416	3.71343626	3.89956122	3.6273212	3.58204364	4.3528715
2.31461451	1.00E-04	1.9487778	2.50156289	1.93677194	1.61346667	1.51758431
3.49349639	2.7900164	3.56819759	3.59811036	3.68388189	2.93619148	3.41762225
4.99767048	2.09791351	4.32074069	4.90546082	4.87408117	3.3729356	3.96759864
3.84735123	3.17208057	3.04168689	3.12668908	3.21459018	1.70271975	3.35944768
3.15197141	3.58775668	4.53489269	4.11857089	4.2811029	2.43927042	2.06339788
4.41035151	3.05942589	3.1025145	3.0532186	3.55083466	4.29389274	4.10490958
0.28289457	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.08716682	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.89799762	1.00E-04
0.18470401	1.00E-04	0.14288091	0.42509805	0.35872197	1.66100088	1.00E-04
4.53872067	2.05603931	3.80264002	3.83263533	3.722622	4.15413147	4.37313126
4.17309544	2.90415201	4.06542404	3.5429805	3.79930907	4.68285663	4.58596732
5.94795754	4.12940466	5.06432209	4.30903991	4.70951394	6.06825258	6.08605735
4.0198798	1.79273679	2.78020111	3.13574291	3.06021708	2.38889672	2.47623745
4.15570313	2.7526485	4.09129486	3.80075558	3.92111445	4.03143273	4.20540118
3.67841306	1.96174928	3.57578326	3.21839492	3.16275108	3.77683803	4.04977434
1.66466679	1.91776015	2.61283818	3.09135789	2.64951418	2.5149229	2.27491537
3.25080669	2.2310047	2.57488173	2.20968413	2.35326215	3.31520291	3.13795915
3.03079088	1.00E-04	2.67335006	3.44941657	2.7904769	1.24466514	1.70772837
3.09029177	1.41962819	3.16774023	3.05848385	3.10891679	2.39647296	2.9765737
1.52253989	0.87612072	1.28907654	1.76330657	2.23432042	2.05429589	1.94255441
4.94941606	0.74506998	2.59657136	2.3478462	3.05424056	3.82454721	4.2523442
1.00E-04	0.7902481	0.09495869	0.09290426	1.00E-04	1.00E-04	1.00E-04
3.5676367	0.87456952	0.5111783	1.09203003	0.99269531	2.22853073	2.78659808
0.69210614	1.00E-04	2.44710229	2.52489807	2.13662305	3.26593286	3.30316866

0.51931763	0.8358776	0.2040833	0.20788069	1.00E-04	1.00E-04	1.00E-04
5.26434111	4.09946823	4.3021356	3.69558938	4.15996482	5.05321245	5.25856986
0.53207199	0.68407235	0.63338433	0.47616961	0.55032404	1.30530732	1.00E-04
2.46932449	1.00E-04	2.11982129	1.53768829	1.4667861	1.41713242	1.80746946
4.82643827	3.6671745	4.19874948	4.10375771	3.82738456	4.81119391	4.84179296
1.00E-04	1.00E-04	1.00E-04	0.15144185	0.16358717	1.83395214	1.56656124
1.00E-04	1.00E-04	0.78877504	0.16306371	1.3064559	1.00E-04	1.00E-04
0.97796131	1.00E-04	0.30190592	0.08223591	0.54541051	1.00E-04	1.00E-04
3.66904708	2.37645304	3.31450927	3.27370762	3.45023049	2.06209026	2.36579874
0.37834313	2.46045688	1.24128744	0.43701806	1.39903057	1.32413304	1.00E-04
2.90147755	1.09568947	2.8953185	3.06202224	2.70575728	1.61895595	1.26442914
1.00E-04	1.00E-04	0.17635977	1.00E-04	1.00E-04	1.00E-04	1.26389675
1.3436937	0.7902481	0.5736254	0.63401116	1.89452526	1.00E-04	2.09212661
5.88042231	3.90491778	4.31829333	3.76206852	3.64200065	2.63363905	3.3968884
2.06599698	0.68407235	1.82840477	2.35307788	2.45657442	1.03499642	0.49725191
0.91729447	1.00E-04	0.72145258	0.66544648	0.49307276	1.00E-04	0.9583037
3.91076082	3.31558922	3.73700291	3.27566721	3.29260378	4.43018462	4.71575974
3.67643098	3.93569736	4.26893456	4.34262344	4.22584504	3.59215189	3.69616106
0.55960839	4.00534227	4.13705501	3.80763653	3.67468068	1.00E-04	0.94970493
1.00E-04	1.00E-04	0.28524988	1.01401098	1.00E-04	1.00E-04	1.00E-04
2.10729836	0.92068596	1.10398517	1.85790491	1.14803854	1.00E-04	0.97522957
0.85852737	1.00E-04	0.53137996	0.61825531	0.90940113	2.5045564	2.27146063
0.3729658	0.8358776	2.4423246	2.46710524	1.30240251	1.00E-04	2.04175821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06836493	0.68407235	1.23628906	0.32647839	1.19957053	3.37437456	2.50184278
1.00E-04	1.00E-04	0.42739756	1.00E-04	1.00E-04	1.2005763	1.00E-04
1.61474985	0.72877389	1.26383775	0.63223569	0.88140142	1.80025094	1.44038022
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72239482	1.89693647	2.58004073	2.20826564	2.93352645	1.00E-04	1.00E-04
4.2812141	3.55864752	4.18411816	4.28940327	4.14296987	3.93613014	3.57017639
6.24914912	2.93270931	4.16503925	3.93345417	3.8740435	4.35936578	5.41709563
3.70629401	2.47141471	2.95053682	2.83589199	3.24476896	3.61355042	3.87940581
1.00E-04	1.00E-04	0.07593463	0.07577735	1.00E-04	1.00E-04	1.00E-04
1.08655684	1.00E-04	1.304341	0.70980618	0.58440903	4.34241459	3.11708853
2.75170242	3.03464842	1.8444492	2.58152574	2.11159232	3.2173801	3.05136622
2.39934734	0.87612072	1.60001979	1.36767059	2.34670295	1.25338459	2.09087524
4.22170537	3.82996306	3.91095859	4.03356917	3.61579888	4.7863005	4.42562023
1.66884935	1.00E-04	2.64648913	2.34300539	1.69360302	1.00E-04	0.41275046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.41757758	5.86817813	6.23505566	5.493521	5.6194958	5.26792453	5.57004648
5.17561441	5.88383966	6.70034345	6.12022728	6.11439106	5.42394084	5.69783194
4.71581668	1.87036674	2.5148886	2.05004657	2.81406961	4.89827102	5.07279702
0.41751651	1.00E-04	0.52290444	1.07513967	0.6347442	1.00E-04	1.00E-04

1.96006692	3.2043035	3.58234969	3.05784789	2.92831511	0.94371668	0.46517855
0.96862393	1.00E-04	0.85971763	0.65243462	0.80792477	1.00E-04	1.00E-04
5.03776755	0.68407235	3.50095662	4.01036913	4.09089516	2.93792066	3.48610463
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11711669	1.00E-04	1.00E-04
1.92402994	1.00E-04	0.9941345	0.2172429	0.30082616	1.10522239	1.00E-04
3.40131651	3.70566556	4.07535856	3.73762592	3.88075498	4.0235832	4.11313462
2.59391901	3.32657674	4.15696125	3.71417935	3.42377891	1.97385795	2.23626789
4.12976655	3.37191668	3.1947071	2.98512492	3.22138166	4.27196666	4.24402688
1.00E-04	1.00E-04	1.00E-04	0.16411766	0.22938667	1.00E-04	1.00E-04
1.99028828	1.00E-04	1.65005603	0.83774714	0.94860637	1.00E-04	1.00E-04
0.22458582	1.00E-04	2.08804989	1.20255342	0.43828047	2.52172265	3.55663964
0.51318524	1.00E-04	1.00E-04	1.00E-04	0.09863458	1.00E-04	1.00E-04
0.60665465	0.72877389	0.29803949	0.17154006	0.1020411	1.00E-04	1.00E-04
4.59946755	2.78074847	4.04311865	3.75532871	3.81230695	4.98009726	5.12106195
0.84689474	1.00E-04	1.00E-04	0.1733661	0.69280824	1.00E-04	1.00E-04
4.90089773	3.04243746	4.12448027	4.24511238	4.20942613	3.30578562	3.75385959
1.00E-04	1.25845589	1.39468663	1.04810095	0.74671804	1.00E-04	0.72495184
3.22353318	1.826762	3.77755648	3.68751368	3.57015693	3.1686893	3.04711267
0.16484259	1.00E-04	0.69877264	0.31165788	1.40807878	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.62697982	1.19608422	1.34101303	1.00E-04	1.00E-04
2.21608231	1.00E-04	0.9019321	0.39129166	1.74402655	2.08255901	2.64633961
1.09276511	1.00E-04	0.66107893	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.29058738	1.00E-04	0.12233227	1.00E-04	1.00E-04
0.22177449	1.00E-04	1.13921854	1.00E-04	0.77637953	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.08292731	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.22277009	1.00E-04	1.43575575	0.30888292	2.17332793	1.00E-04	1.43838478
0.06336707	1.00E-04	2.73581841	1.67822871	1.94887296	1.00E-04	1.00E-04
0.74758893	1.00E-04	0.60751002	0.09261958	0.22312045	1.00E-04	0.84167817
1.00E-04	0.8358776	0.10697315	1.00E-04	1.00E-04	0.95637875	1.22180816
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.31460011	2.71360909	2.68473124	3.00922493	3.78883056	1.00E-04	1.00E-04
1.00E-04	1.6955741	2.32108407	1.16787457	1.50929408	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08765397	0.17926274	0.49867642	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.60194037	1.63243801	0.37831894	1.00E-04	1.00E-04
1.20711751	1.00E-04	2.66777323	1.65285918	1.61539942	1.00E-04	1.00E-04
2.05094006	0.71640521	2.89345313	2.69455356	2.61008837	2.72120534	2.85181459
2.16174365	3.31372285	4.44797725	4.05639661	4.05854686	4.5628973	4.89558379
3.86388072	4.67918828	4.40628435	3.9746069	3.79178889	5.49733987	6.41902191
1.59290741	3.38754687	3.4697155	3.25999656	2.90304848	1.00E-04	0.81386517
0.29071629	1.00E-04	1.00E-04	0.08624493	1.00E-04	1.00E-04	1.00E-04
3.70936807	0.72877389	2.77399396	2.36644557	3.15071031	2.1651175	2.56061402
4.08146614	2.16012845	3.64762834	3.21709697	3.26553001	3.97999094	3.99717412
3.78459121	1.98026385	3.22517731	2.41436075	2.52454281	4.04278086	4.08148919

0.13394589	1.00E-04	1.00E-04	1.00E-04	0.17713548	1.00E-04	1.00E-04
2.76968568	1.83022342	2.63595272	2.40124021	1.99823414	3.44047717	3.33517692
5.02576598	3.3362871	4.3710762	3.97962514	3.91776965	5.39058162	5.30697611
3.25160959	2.05905638	3.27136453	3.43787205	3.08141658	3.73664177	3.21128046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.60755868	2.46221497	3.62165434	3.87476472	3.70204042	4.5824835	4.43894675
0.59447856	4.57210488	5.13500892	4.84467191	4.65289134	1.64001363	1.18273852
3.20853398	0.69779233	1.35153796	1.51629309	2.67444047	2.52217129	3.2861282
2.24982493	0.87612072	2.12935764	3.02078012	2.61126508	1.24968619	1.07355931
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88487332	1.00E-04	1.00E-04
1.64121314	1.00E-04	0.80294303	1.61281504	0.70070516	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52251562	4.30348281	5.42865852	5.65991934	5.36116157	1.00E-04	1.00E-04
2.60426007	1.19880434	2.14598726	1.64953723	1.74983132	1.44614829	3.10048943
3.25021392	2.39953597	2.84256033	2.68924937	2.44855816	2.75156033	3.35711654
2.64409966	1.00E-04	3.2896629	3.29137869	2.00780339	2.14605092	2.35694103
3.038144	1.67128713	2.6310946	3.00462364	3.39658624	2.99366476	1.86652538
4.52514706	2.97504663	3.8535301	3.52457831	3.88375124	4.72154667	5.0433103
3.96825958	2.49211129	3.4250242	4.11004256	4.1603646	1.84349038	2.52490448
3.15892596	1.00E-04	2.11516794	2.06759146	2.41087782	2.32484096	1.67094055
3.57437752	1.21891	3.05149695	3.29824186	3.25403821	3.43582132	2.99929593
2.37149476	1.00E-04	1.5343744	1.85871094	2.14257129	2.32803309	2.52215213
5.58307733	4.64989251	5.68055314	5.03434426	5.02160904	5.47394627	5.58040773
2.39587122	1.63322354	2.50186681	2.10706721	2.41555388	2.67206472	2.6497293
3.71417357	2.5115106	3.81261253	3.6434806	3.79758705	3.76874469	4.09374109
2.27435004	1.00E-04	1.79367442	1.16258288	1.30833653	2.24871884	3.36583438
4.62666932	2.57929923	3.21283889	3.33640177	3.20629955	3.44835889	3.66109868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.07644257	2.01195601	3.48560356	3.35339481	3.17121351	4.26170935	4.52478801
5.15396595	3.52150482	4.55187043	3.99699753	4.22419207	5.3695825	5.9091869
2.93778272	2.76303336	3.01332833	2.66412666	2.48348245	3.32724229	3.22335725
2.3273233	1.00E-04	2.22006723	1.54196575	1.88400722	3.44402749	3.09443708
2.46338001	1.00E-04	1.71305143	1.20752864	0.78725613	2.04493943	2.33438993
3.52918331	3.46028446	3.24488245	2.9237485	3.34863922	3.347884	3.86714657
2.25882375	1.55838257	2.40398283	3.01892609	2.01549719	2.03225216	2.71486708
3.2174092	0.69779233	2.02402502	2.23894867	2.89136054	1.00E-04	2.00885058
4.41086397	3.20757719	3.48292924	3.50927816	3.52728753	3.09824073	3.22987423
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.59235059	2.30158507	2.80572641	2.93208005	3.18728107	3.08611108	3.55792205
3.53917013	1.3106013	3.47513194	3.92075197	4.16915537	1.86526604	2.79706552
1.86884185	0.8358776	2.00002084	1.80868758	2.27888722	1.12785157	1.13690913
1.00E-04	1.00E-04	1.00E-04	0.32395199	0.09802713	1.68255056	1.00E-04
0.69070803	4.24851685	3.91703401	2.95965326	3.43305969	2.43927321	0.89038937

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.63586754	1.00E-04	0.3681503	0.53514233	0.22785167	2.49392097	1.37881795
1.00E-04	1.00E-04	1.15838596	0.52593721	0.6599412	1.00E-04	1.3282665
3.4252037	2.51384421	0.98827117	1.87152921	1.60781745	3.55669705	3.99280842
0.78108068	0.72877389	1.64003637	1.45672257	1.6342992	1.00E-04	1.54303695
5.49155297	4.58195025	5.53988352	5.93434583	5.93863105	4.64481169	4.41017796
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72285407	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64378751	0.74506998	1.76676468	2.81579027	1.56644331	1.15746526	2.10989678
4.46264115	3.28604876	4.39283338	5.05070165	4.95877313	2.85392034	3.60800564
2.89667	2.28466952	2.94381925	2.33250814	2.5546052	2.83463241	2.33488558
2.55644522	4.31040243	5.21528282	4.60512523	4.47972462	2.71976211	3.63989584
4.27008888	4.72602248	5.80355189	5.65051528	5.45576472	4.72848877	4.84610697
3.7293376	0.7902481	2.99009303	2.08676072	2.83280338	4.11086458	3.65954488
4.80506748	3.64793032	4.30492928	4.18235578	4.0619909	5.26477462	5.29131003
5.71051545	3.3894883	4.2326471	3.96273086	4.0387283	5.27507918	5.42666188
5.38966806	4.14519879	4.83273305	4.32327359	4.64138349	5.51745696	5.71722821
2.55504417	1.95264496	2.74031119	2.68841506	2.78786358	2.54130529	2.37666637
5.91957189	4.05082893	5.03595971	4.84278862	4.81979796	6.02466106	6.01720904
3.90793015	1.00E-04	3.30977728	2.65782495	2.78114144	3.22606072	3.59651987
3.84764955	1.808804	2.76845937	2.21954999	1.54024061	2.77905662	3.2733032
4.36202054	2.25577806	3.52979474	3.31650873	3.26386095	3.2061485	3.82377754
3.1608807	0.72877389	2.84441757	2.92427805	3.49450145	3.11041098	2.77532807
3.83560748	2.6907951	3.79108365	3.28897028	3.56529402	4.14608022	3.94157827
3.59311532	2.78910475	3.39446122	3.03540176	2.98936502	3.84053127	3.58851478
1.64324816	1.19880434	1.06571429	1.26837607	1.49638399	0.79958263	1.90112667
4.34137276	3.67205812	3.62482202	3.7038568	3.95245517	3.88529703	4.03940049
0.55950072	1.00E-04	0.0741193	0.08490835	0.25613586	1.00E-04	1.00E-04
3.90672742	1.74635654	3.36794138	3.72564282	3.61803765	3.93329653	4.08571753
2.96026636	1.12553	2.43083007	2.14480467	2.56135534	2.67668401	1.88230189
3.4336141	1.19089243	1.80539313	1.61135378	1.59194116	4.08306487	3.613942
0.73130426	1.28581113	1.88740142	2.05257152	2.53974063	1.00E-04	1.32157107
1.00E-04	1.00E-04	0.56869193	0.32200364	0.15653713	1.00E-04	1.00E-04
0.14284657	1.00E-04	0.21598181	0.26678401	0.26396731	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.53873655	0.2033241	0.7021355	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24023836	1.00E-04	0.35764561	0.25409405	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35886391	1.00E-04	0.4052865	0.25949154	0.37542888	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71640521	0.38714661	1.00E-04	0.5763031	1.03499642	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

4.67527383	3.82596048	4.26409754	3.96365869	4.09824923	4.80625552	5.06948013
5.03680057	3.22914008	4.23684033	3.84653457	3.80385923	5.17977036	5.13002092
4.77458685	4.15247594	5.07621015	4.42397318	4.30183161	5.18995039	4.98606662
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.04163337	2.65070699	3.49460233	3.67018714	3.56087454	3.69930328	3.68601748
3.71993239	2.01447851	3.33818531	2.87651039	2.7911882	4.62123237	3.91146473
2.56728838	1.12553	2.22668316	2.60192396	2.41161157	1.60614404	2.09188364
5.03073153	4.7808091	5.70385431	5.89142151	5.79587175	5.06072497	5.41552203
3.17485485	0.79637057	2.86574225	3.37478851	3.10996371	1.86791489	2.02061874
2.25878878	1.00E-04	1.91690742	1.57137178	2.0132349	1.0281643	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.51509981	4.15504573	5.04137494	4.31701704	4.25609045	5.30688951	5.68858219
2.98599193	1.95675574	2.37451361	1.882605	2.14587142	3.42837701	3.62059899
2.82669642	1.17452218	2.47622745	2.40392862	2.65727535	2.079547	1.94779664
3.86893947	1.00E-04	0.82145064	1.48606167	2.11353231	3.66321427	3.91869423
3.66241607	3.65297466	4.82269732	4.32516697	4.2591817	3.92784482	3.63098498
2.46519395	3.28530168	2.32810163	2.12173214	2.63574774	2.28646638	1.24354235
5.38312729	3.98390326	4.52911676	4.30257751	4.10379682	3.9277316	4.07454129
4.35236038	2.53401069	3.52220835	3.74070786	3.7678407	4.42115265	4.7169791
3.36764094	3.60978049	4.23974653	3.94857922	3.82186402	1.82128585	2.2798395
2.61535223	2.93279759	2.2401892	2.85018073	1.8850045	1.89859135	2.38993756
3.38455654	3.16982898	4.27961646	3.87182904	3.74812232	3.34340296	3.99692274
2.72466929	3.36519112	4.48045498	4.07100045	4.04816448	2.56281999	3.20625592
3.32391371	2.53440121	3.51625273	3.03413686	3.37194682	2.94529984	2.98327634
5.39313608	4.55588509	4.99675697	4.60063325	4.64379908	5.5092334	5.58487595
2.90185878	3.58729659	3.77782093	3.03064002	3.38640849	3.74907011	4.19585813
4.45548893	3.49998221	3.80851207	3.92988343	3.72994067	4.61989755	4.75316607
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31416357	2.25350854	2.59312201	2.78570951	2.57485635	2.97590155	3.36641914
3.26956477	1.71661394	3.45060775	3.41063157	3.38486633	4.89837671	4.96165512
1.1128767	1.28620973	1.9667674	1.29473993	1.55225457	1.103099	0.82784996
2.20985389	2.88047365	3.57249961	3.51590763	3.49008787	3.89579944	3.52398338
1.81553401	4.51411351	4.54815642	3.85892022	3.53992185	2.68360155	2.780907
3.98955189	3.9405521	4.00123849	3.94844084	4.07688769	4.15539069	2.99997292
6.85274908	5.04224534	6.18255159	5.61380484	5.76640941	6.82754081	6.91492594
2.16710454	1.00E-04	1.25665899	2.06013617	0.70426533	1.9906343	1.72225161
5.35175753	3.37775731	4.47910926	4.34949517	4.46271227	2.41534788	3.09374083
0.97287967	0.71640521	2.64344295	2.32579918	2.4141033	1.00E-04	0.41275046
6.43910066	3.14791956	4.51985414	3.91505413	4.2743635	1.2960196	2.77842586
3.45203568	2.51690466	3.39787032	3.4289584	3.56216394	3.51838848	3.68221232
3.67563547	3.27481438	4.07587742	4.30839459	4.21084577	4.03087755	4.19500746
3.27146843	3.40561146	3.57371931	3.70592434	3.69692856	2.53297197	2.74353799
3.69337548	0.68407235	2.0467413	2.9172094	2.65929037	3.14482512	2.19595333

1.38092833	1.2795411	1.45745952	2.04257056	1.43619696	0.74564767	1.98529834
3.75411609	3.48601358	4.19146475	4.01308001	3.98655373	4.11386052	3.83825956
4.12152374	2.80999921	3.90986363	3.65168843	3.60930253	3.90863051	4.37952521
2.67577089	2.16785996	3.27558215	2.87338447	3.2260697	2.28647575	2.52911125
4.39372005	4.1131601	3.95468148	3.19160818	3.53583863	4.86068924	4.79536451
3.98113979	2.76629624	3.91041905	3.72220904	3.53656758	4.10005274	4.52209802
1.53613872	1.00E-04	0.31027751	0.08952278	0.40965236	1.00E-04	1.00E-04
4.99807745	3.69434916	4.23275294	3.85543772	4.38706017	5.0624942	5.2997637
6.12959476	4.82752564	5.76162482	5.09225159	5.29816857	6.31743646	6.53174717
0.69090405	3.7579702	3.75222749	3.35721749	3.38623975	1.00E-04	1.95115435
2.13186671	1.18919506	2.74968324	2.09990557	2.77586672	1.18301785	2.31255734
2.40274405	1.00E-04	2.16423604	2.29694445	2.19240475	2.25015625	3.03493167
2.53701344	1.52102673	2.27052654	1.54615167	1.59171534	2.72945653	2.4089598
3.84605545	1.89032398	3.28441798	3.12847599	3.14874885	3.74647659	4.02733804
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.28002419	1.07308602	1.00E-04	1.00E-04	1.72473561
3.46623614	2.2900911	2.84154385	3.61509073	3.31133738	3.1237917	3.66656156
3.09337997	1.25583846	2.56025597	2.98987523	3.37824291	3.1742943	3.36375922
0.1494006	0.87456952	2.86644056	2.57432005	2.06776653	0.96274275	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12810717	1.00E-04	0.27078165	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18609755	1.00E-04	1.00E-04
3.82669751	2.64162001	3.00449856	3.13090487	2.91491406	4.17499086	3.64039728
1.00E-04	1.00E-04	1.00E-04	0.30895961	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40798493	1.00E-04	0.33631836	0.15630471	0.74681988	2.42680308	3.49478673
1.00E-04	1.00E-04	0.36618437	0.27498445	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87456952	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1810063	1.00E-04	0.43074501	0.34500117	0.29171517	0.83083207	1.00E-04
0.29969418	1.00E-04	0.25500073	1.00E-04	1.00E-04	0.88323491	1.00E-04
1.81334091	1.00E-04	1.59479956	1.98705563	2.18136446	0.81261445	0.56264051
2.59003377	4.40565143	4.58874431	4.31093491	4.48428796	5.08765868	4.97200573
1.85960636	1.19089243	1.19826152	2.31633859	1.39319746	1.52331638	1.16048721
1.32206603	1.00E-04	0.0759014	1.00E-04	0.37484503	2.68731404	2.88149483
4.28284597	1.85684304	3.62002153	3.5241476	3.61593536	4.73077032	3.90491159
2.06241712	1.00E-04	1.10162208	0.95343435	0.72986948	1.52484031	2.01473434
4.91168669	3.48879472	4.33701	4.63657164	4.42995032	4.41024766	4.4003245
1.93169244	2.72646486	2.29700541	3.41218834	2.47403465	1.48634524	0.35134699
0.85290026	1.00E-04	0.52368672	1.45876532	0.62368655	1.00E-04	0.7070202
2.25999788	1.16296659	2.28181507	2.89544487	2.9429666	2.48062829	2.24693681
1.00E-04	2.37203552	3.69981177	3.58681088	3.59413458	1.00E-04	1.00E-04
2.16864212	3.40896917	2.94263977	2.95793609	3.36415763	1.45371564	0.94970493

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.41853475	0.09142772	0.31952902	1.00E-04	1.00E-04
0.12295691	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6702358	1.72030535	2.67516659	3.62732677	3.62759757	1.15207211	2.08293957
3.4672498	1.8301092	3.24850374	4.51438603	3.97540942	1.78024895	2.22928589
1.18788408	1.00E-04	1.34541988	1.54228273	0.67468807	1.96330558	1.35059056
2.72777311	2.15331645	3.14446942	2.56421638	2.97539161	2.80510503	2.16576692
4.59113911	3.02309613	4.20371186	3.66526589	3.64843186	4.51587232	4.67184429
1.00E-04	1.00E-04	0.18330631	0.12223151	1.00E-04	1.00E-04	1.00E-04
6.01490458	4.6791039	5.90475071	5.12842293	5.28127275	6.48673585	6.45472148
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60022915	1.00E-04	0.80702907	0.5317098	0.2275175	0.83873894	1.03441279
4.5951147	2.00110623	3.88484158	3.02876802	3.91357149	5.29011603	5.03161532
0.20153208	1.00E-04	0.32240259	0.29125744	0.20376324	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.93463939	1.94910728	2.0194623	1.00E-04	1.00E-04
4.82181887	4.01481485	4.19024083	4.36118231	4.49254195	4.4376034	4.64502886
4.06445062	1.2795411	2.22372593	2.16106879	2.3979624	3.53831098	2.40037553
7.15041682	4.28599154	4.48238061	4.03332842	4.02069298	3.35879072	3.90661042
2.2725182	1.41045835	1.85790038	1.74574905	0.24922568	5.24493857	4.81069485
2.54433177	3.50331561	4.99486983	3.99568064	4.07836459	1.00E-04	2.76218978
4.57198276	5.58663359	6.16363288	5.73855762	6.10924932	3.88243768	4.82023784
2.30036613	1.00E-04	1.91911353	2.45266806	1.4947498	2.61041202	1.12551861
1.00E-04	1.00E-04	0.11450942	1.00E-04	0.40959056	1.00E-04	1.00E-04
2.75214434	3.39880724	2.93710525	2.31062335	2.40383622	2.83684015	2.52402337
1.00E-04	1.37137101	0.93197465	0.94327863	1.56798095	1.00E-04	1.00E-04
3.73985825	1.97017223	3.58015291	3.45880164	3.93456497	3.02945989	3.59625184
2.04996608	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.37815983
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08093755	1.00E-04	0.56093712	1.00E-04	1.31799764
0.79726824	2.03841817	3.52672092	3.32857575	3.11073296	1.00E-04	1.00E-04
4.77385469	3.05191311	3.25093201	3.73915723	3.79691481	2.69642506	3.71314241
3.87637902	3.40074313	3.78751131	4.33790076	3.95546103	3.34168209	4.06756423
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.13394589	1.81998222	2.17407785	1.72878283	1.93289488	1.00E-04	1.00E-04
2.65189325	1.00E-04	1.35468386	0.65987664	1.33277358	3.15556051	3.68216812
3.75454497	2.61113069	3.10131135	2.99343806	3.45633609	4.25607699	3.89716744
1.62323864	0.74506998	1.62682443	2.27886058	1.28192275	1.30116089	1.54391513
0.65495922	1.309432	3.03902747	2.69789765	3.22870172	1.90102791	1.00E-04
1.48923532	1.00E-04	1.79071265	2.05748217	1.25220616	2.30422018	1.83293538
1.00E-04	1.00E-04	1.85338284	2.5172602	1.8449272	1.00E-04	1.00E-04
2.13635913	2.73776701	4.80435509	5.46783859	5.53078433	0.83083207	1.88614841
1.06442847	3.08806745	4.40777562	5.30643984	5.35361931	1.00E-04	1.10337756

3.55473492	2.20503555	3.69470818	3.6125238	3.11203448	1.00E-04	1.35381146
1.52153091	3.06886394	3.40005158	2.94823371	3.03582297	1.71671805	2.50804959
1.87834254	3.22619663	4.09362316	3.52601565	3.45549372	1.88548306	1.00E-04
3.89346461	1.99304796	3.34791689	3.32839416	3.66419401	3.49508744	3.76978721
1.00E-04	1.00E-04	0.10933862	1.00E-04	0.23964699	1.00E-04	1.00E-04
2.8922282	1.19749663	2.68868992	2.21222432	2.75148337	3.67424001	3.10542425
2.94473389	3.05753522	2.92129382	2.87140256	3.60577592	2.69581346	2.30868688
0.86074389	1.25845589	1.32160478	0.39220119	0.66863306	1.00E-04	1.00E-04
0.46057765	1.00E-04	0.30444432	1.00E-04	0.08815268	1.27329697	1.00E-04
0.96662746	1.86204601	1.48615264	1.75053321	0.87408828	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.8767024	2.97650065	4.40236049	4.1667679	3.90454527	4.98522195	4.86344342
1.00E-04	1.00E-04	1.21956143	0.80640354	0.47595261	1.00E-04	1.00E-04
0.57259938	1.00E-04	0.07593463	0.12223151	0.14148046	1.00E-04	1.00E-04
3.61453816	2.59340006	4.35368614	3.38260123	3.30404729	4.51141532	4.54620516
0.55212202	1.00E-04	0.18349299	0.28792081	0.66720635	0.92751185	0.98479048
1.51245173	1.00E-04	0.91249401	0.08792613	0.36765013	1.64277857	1.90259431
0.17029242	2.04589505	2.56560952	1.42402826	1.88324378	1.00E-04	1.00E-04
1.08257488	4.26231059	5.24563777	4.65043844	4.41723557	1.00E-04	1.5595514
0.34948596	1.00E-04	0.06504071	1.00E-04	0.28096859	1.00E-04	1.00E-04
0.94661245	2.14243052	2.76549005	2.438168	2.22489158	1.00E-04	0.94970493
0.97949117	1.00E-04	0.63214092	0.70868258	0.51831318	1.00E-04	1.00E-04
3.74598593	2.05051508	3.26947076	2.90493227	2.58246514	4.55293168	4.52846003
2.31316517	0.72877389	2.0801601	1.87208447	2.54032755	3.23404052	1.81878516
3.78708688	4.08956798	4.3039841	3.83430562	3.86508977	3.59856594	3.00198784
3.71706212	3.53241053	4.20488867	4.74808471	4.77148971	3.15540301	3.18728808
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58180407	3.52944542	3.53599552	2.81599033	2.78872863	0.81755274	2.14118122
0.04764841	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.74635571	2.73155172	2.20385811	2.40536973	2.04179765	2.25593807	2.26090521
1.00E-04	1.00E-04	0.16063811	0.0822006	0.10372144	1.00E-04	1.00E-04
1.22407997	1.00E-04	2.13471737	1.96208216	1.89282684	1.00E-04	1.0244242
2.58458744	0.8339972	1.81013226	1.21317928	2.48395629	1.83562673	0.87525952
0.59695895	1.3386578	0.99668755	0.76718138	0.61054836	1.6485068	1.00E-04
1.54813531	4.60319684	5.48916278	5.81512002	5.70075548	1.00E-04	2.13409045
1.00E-04	3.28034911	4.50525397	4.6991902	4.83462957	1.00E-04	0.93074312
1.01716562	2.94111341	3.56188922	3.24249107	3.7478396	1.00E-04	1.00E-04
1.00E-04	2.92294562	3.62971852	3.61152209	4.22212502	1.00E-04	0.72495184
0.29057017	1.00E-04	0.5280208	0.64801189	0.1856816	1.00E-04	1.00E-04
2.11620084	0.7902481	1.61053199	1.69435883	1.45741595	0.9559646	1.53560822
0.16999556	1.00E-04	0.0697055	0.29265459	0.17301519	1.00E-04	2.6516598
1.24142561	0.87456952	1.61212771	1.13735533	1.53213387	1.00E-04	1.86219389
2.21140307	1.00E-04	3.53855806	2.80159531	3.10493322	2.95125725	2.0520575

1.84369572	3.63682793	4.39559068	3.70095351	4.03471507	1.74202445	1.45670916
5.06968322	3.83150057	4.3400265	3.88980759	4.17214078	4.80555181	4.94374532
3.50017272	2.97578321	3.88577742	3.22600828	3.12784617	4.16027079	4.46044198
3.88648699	3.72093281	4.74526955	4.22263544	4.28133768	4.50538438	4.21187389
2.75505791	1.7568876	3.10665015	2.50269987	3.52755894	0.77057821	3.13484246
1.00E-04	1.00E-04	1.95908862	1.35684903	1.23678179	1.00E-04	0.9583037
3.8697519	2.90491707	3.30957936	3.26314986	3.36213238	5.05213141	5.15010399
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.96494617	3.27965917	3.40522065	2.93334723	3.49116221	3.19121925	3.42389394
0.17029242	1.00E-04	0.15480501	1.00E-04	1.00E-04	0.77057821	1.00E-04
2.89819348	1.00E-04	2.20130977	1.83551383	2.52335302	2.62652263	2.78949494
3.69658977	2.58472113	2.37836738	1.93832389	1.91726766	4.00386772	3.88812392
0.37102186	0.8339972	0.61791128	1.37259212	0.94938024	1.00E-04	1.00E-04
0.30463834	1.17452218	0.31367096	0.42025656	1.00E-04	1.00E-04	1.00E-04
4.12066845	2.03615405	3.47644498	3.52393828	3.39246338	3.5927912	4.3360684
4.42577166	2.17467453	3.24816303	2.87601904	2.694009	3.8463853	3.34060529
4.44747052	1.79900252	3.32407773	3.57699564	3.44024779	3.97422279	4.30358935
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.2261591	4.45389385	3.86547453	3.57115973	3.1617952	4.31259569	3.68180714
3.43601449	1.00E-04	0.79577115	0.63942934	1.26446027	4.67506031	4.90451902
2.22873258	1.61300438	2.0203381	1.83342584	1.69164885	1.103099	2.15465043
3.5550643	3.35285096	3.81868236	3.16599366	3.38026761	2.44416313	3.72298744
1.00E-04	1.00E-04	0.50667891	1.48174331	1.66038021	1.59806924	2.05208893
3.95620507	1.00E-04	1.2824143	1.00E-04	0.20487365	4.37979855	3.64445578
2.32006958	1.00E-04	1.14731043	1.06274837	2.06476208	3.60854043	3.772339
4.97419774	3.69416097	5.08629802	4.44472087	4.68808622	4.62114518	5.26217832
4.49875065	3.48482823	4.57636618	4.11449491	4.2705555	5.10063476	5.05896115
3.72737095	1.2101235	2.34598352	1.90745866	1.97442896	3.91356967	3.35644698
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86480242	0.79637057	0.46803323	1.8273157	0.25651132	1.00E-04	0.54053641
0.54420002	1.00E-04	0.12399833	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23287078	0.90265672	0.35507519	1.00E-04	1.00E-04
3.94895919	3.51055685	3.02182577	4.42554529	3.65247253	3.49599947	3.44443234
1.00E-04	1.00E-04	0.17292121	0.07577735	0.15653713	1.00E-04	1.00E-04
4.66795851	3.76534488	3.08298123	3.03847001	3.4589295	3.67120634	3.63034013
1.38892991	1.00E-04	1.02001036	1.26910139	1.14345091	1.76111863	1.46340336
0.86209365	3.25389396	4.62772489	4.63228568	4.55830716	1.00E-04	0.41275046
2.62225988	1.00E-04	2.3490571	2.05270209	2.4257179	2.07927558	2.30404611
2.76906447	1.24426431	3.03280163	3.34749884	3.32595764	2.68532091	1.77144443
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85882548	0.8358776	1.47595056	1.60865787	1.52498793	1.08793411	1.01208735
2.65741364	2.12480688	3.07610796	3.33658271	3.55020411	2.66147003	2.47586618

0.33711175	1.00E-04	0.49443561	0.76268394	2.27790067	1.00E-04	1.00E-04
0.39894502	1.00E-04	0.09927308	0.0825412	0.10452963	1.00E-04	1.00E-04
2.21458955	1.00E-04	0.42007536	0.08431423	0.11746998	1.00E-04	1.61536721
0.70216222	1.00E-04	0.07516994	0.39327141	0.14744713	1.00E-04	1.00E-04
0.16437031	0.87612072	1.19633161	1.68979197	0.12945	1.35394219	1.00E-04
0.10913195	1.00E-04	0.06880281	0.18964323	0.46827961	1.00E-04	1.00E-04
1.87366553	1.00E-04	0.07655967	0.16411766	1.00E-04	1.00E-04	1.00E-04
0.78155597	0.7902481	1.89855117	2.49130353	2.97920018	1.00E-04	1.32568218
1.00E-04	1.00E-04	0.48883074	1.00E-04	0.12694344	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.66368104	0.08974194	0.46983878	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.29100561	3.78119423	4.80546028	4.3821088	4.46206768	1.00E-04	1.00E-04
3.61085128	0.92068596	2.75351217	3.41957184	3.16580377	3.2199709	3.59657425
1.00E-04	0.69779233	1.06274889	0.56292036	2.02226069	1.00E-04	1.00E-04
1.00E-04	0.69779233	1.75086002	1.47911997	2.0859422	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44770202	0.71640521	0.97467496	0.34478587	0.1020411	1.00E-04	1.76459109
2.64055031	1.00E-04	1.17679712	1.19625757	1.51033688	1.28787782	2.89059289
3.98812447	2.8243508	3.1187817	3.29761489	3.31063964	3.85148459	4.06160639
3.30407047	2.0981308	2.96798672	3.14066916	2.94087817	2.62516379	3.33281431
4.9966249	3.51758344	4.25569682	3.76901177	3.88330117	4.63778801	4.92108283
1.49130402	0.87612072	2.82012923	2.89899069	2.15367494	1.00E-04	1.46657068
3.0687794	1.72217275	2.63898399	3.1594775	2.91401898	2.59789235	2.73257375
4.67343262	3.63266092	4.58136198	4.15860483	4.45800322	4.76582576	4.97673047
3.33334155	1.48236646	2.25016402	2.61170097	2.50017494	2.5971016	2.93954375
4.57300309	2.3081033	3.35593057	2.93874869	3.02596962	3.13639179	3.02858087
3.81506222	1.00E-04	3.21605535	2.89720075	2.94415196	0.74564767	2.57785264
1.00E-04	1.3386578	0.91381615	1.04119866	0.77113293	1.00E-04	1.00E-04
0.06718044	1.00E-04	1.00E-04	0.17391188	1.00E-04	1.00E-04	0.316869
0.8374467	1.22609225	2.93728889	4.47748037	4.62835301	1.00E-04	1.00E-04
4.24379608	4.32118476	3.92205904	4.32589281	4.02952678	4.04324633	3.7765614
2.73382287	1.65546232	2.36552718	2.49808888	2.81815131	1.98566747	2.60813345
0.81663821	0.68407235	2.32908671	2.10746659	2.85710441	1.00E-04	0.316869
1.00E-04	1.00E-04	0.60500391	0.0825412	1.00E-04	1.00E-04	1.00E-04
2.02307952	1.00E-04	2.41553598	1.39852773	1.90412769	2.31436566	1.06895842
0.57259665	1.00E-04	1.00E-04	1.00E-04	0.13098198	1.00E-04	1.00E-04
3.65932835	4.01960873	2.92388145	2.92770841	3.32281242	2.89853017	3.78907103
3.01424525	1.00E-04	0.89250272	1.07918203	1.76199225	2.14805715	2.62731198
2.9620969	1.81185095	1.99504253	2.74245932	2.93270516	1.97979181	2.98609599
0.67166998	2.2238849	3.55102391	3.01682668	2.41818703	1.49919087	1.10457566
5.20879861	4.13581959	3.75345527	4.10720572	4.19491504	6.03997534	6.05731514
1.00E-04	1.00E-04	0.10181419	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.44209662	0.7902481	1.00914831	0.45219678	0.74288015	1.69107938	1.00E-04
0.69386097	1.00E-04	0.14900039	0.10659766	0.19524902	1.00E-04	1.00E-04
3.13588742	1.79316117	2.54268271	3.20580046	3.32441724	1.00E-04	0.63328605
4.66186844	2.63369506	3.74212682	3.5095966	3.55983958	4.80329322	4.59183992
5.96601654	4.81633558	5.48351153	5.42183943	5.33388968	5.75924155	5.96941175
3.87208696	4.22671952	5.27529051	4.80695481	4.74077105	4.20804427	4.96535587
0.95518464	1.00E-04	1.00E-04	0.17820904	0.53329013	1.00E-04	1.00E-04
3.18805	3.75805178	2.86822049	1.77593379	2.63910464	3.46743524	3.43488657
3.89835355	1.52242334	2.20005726	1.94607101	1.65656537	3.02796362	3.33509534
0.38621126	1.00E-04	0.09915619	0.074384	1.00E-04	1.00E-04	1.00E-04
3.28962509	4.53090805	4.46292197	4.73733319	4.89713843	2.12690344	2.55512693
0.27117884	1.95619062	2.13110847	1.67076258	1.09121107	0.97058651	1.00E-04
0.82981563	0.72877389	0.39779743	0.61722491	1.18847977	1.00E-04	1.00E-04
0.06336707	1.00E-04	0.12463834	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.08383044	0.70117924	0.45512175	1.00E-04	1.00E-04
4.5412335	4.21707961	4.59813087	4.90470272	4.65725634	3.72530439	4.14823503
4.39777255	3.34031349	3.61554715	3.51627387	3.46352767	3.85802829	4.28987297
5.44625621	4.73824638	5.26967191	4.94793647	4.97149288	5.73454697	5.64232531
2.5664531	1.21891	1.7764296	2.47891771	2.35815228	1.84311728	1.50753806
0.95338261	2.92170071	2.95925784	3.2769806	2.99777689	1.00E-04	1.00E-04
2.63600067	0.79637057	1.91944927	2.51997309	1.89174336	1.09102431	0.316869
3.5678905	1.81449749	2.8554501	3.15603881	2.80211073	3.105083	3.22202015
2.58417652	0.87612072	1.53731765	1.64078473	2.31813798	1.23019281	1.18453576
3.20452584	2.96393161	2.27642507	3.05874159	2.61911582	1.92086159	2.40902996
2.91530541	3.37938335	3.28344313	3.24639765	3.48199854	2.29181358	1.67728592
2.7581479	0.7902481	2.75784177	3.34683866	2.2924008	0.74564767	3.27735329
2.54351136	1.24533636	2.19294412	2.89068898	2.05857193	2.42623978	1.78418634
3.06949501	1.2101235	2.65136854	2.72362444	3.09730995	1.19431211	2.32794801
1.19170705	1.00E-04	0.19322172	1.00E-04	0.54115394	1.00E-04	1.06680503
2.7393513	0.87612072	2.34975473	2.33001987	1.87497278	2.69152045	2.62553609
1.12135596	1.00E-04	1.23688037	1.99886661	2.24623432	1.00E-04	1.5595514
1.25861782	1.00E-04	2.23362229	2.17187431	2.17566462	2.51389711	2.14025288
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36349708	1.00E-04	2.76683469	1.99044806	2.30323301	1.00E-04	1.14061365
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.20786484	3.37935115	3.10309881	2.86613852	1.00E-04	1.00E-04
2.81876629	1.73912409	2.39219463	2.32489174	2.22482115	3.37078586	3.17328938
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83430531
0.84610205	0.8358776	2.37897908	2.5026631	2.63254571	1.00E-04	1.47065192
2.50333402	1.00E-04	1.62297151	2.86119515	3.30980212	5.93149027	5.70546169
2.78566124	1.00E-04	2.16125547	2.31105972	2.13304386	1.7956128	1.47315723

2.90815373	1.33855165	2.02591341	1.8893498	2.44021339	2.92815324	3.2114647
1.11615341	1.00E-04	2.35113123	2.6118845	2.59976247	0.83083207	1.00E-04
2.20252942	1.00E-04	1.40782335	2.05801404	0.8626191	1.00E-04	1.00E-04
4.0231891	1.76011155	3.14107099	3.08474965	3.29548771	4.49271319	4.75467401
4.94630607	3.83074022	4.63830553	4.52369692	4.51156257	5.05239634	5.27044418
2.47590539	1.52545904	1.93703534	2.04586062	3.10848955	2.06406404	1.00E-04
3.61314223	3.27775079	3.00766807	3.12828185	3.7395627	3.21021952	3.82002044
2.55340395	0.68407235	1.8223965	2.33292786	2.02437892	0.84497321	1.46475344
3.60491115	3.0436131	3.8088054	3.92221423	3.96012122	3.15670658	2.93428729
2.68376039	1.86338152	2.59149947	2.90432315	2.08948556	2.30398054	2.15599951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9264689	1.11722896	2.45207894	2.10958779	2.09987159	2.46314464	1.75487006
5.29830498	4.42564483	5.12311398	4.82391793	5.01477713	5.10747641	5.11135284
2.05478751	3.36598071	4.56176194	3.67463759	3.81038635	4.1241601	3.51170535
1.00E-04	1.00E-04	0.10473028	1.00E-04	1.00E-04	1.66728182	1.00E-04
2.98632548	1.83575471	2.16907788	1.39597472	2.22091183	2.410788	3.31006386
1.24266431	4.16206823	4.34803985	3.37276137	3.73743618	1.00E-04	2.50765968
0.71154109	2.85390194	1.69138441	1.24217028	0.70847228	1.00E-04	0.316869
1.05754007	1.00E-04	0.85722667	0.73353267	0.47101421	1.00E-04	2.13318991
2.24143343	1.00E-04	1.95791865	2.52823603	2.81247988	0.68203783	1.12102671
3.50731926	2.18099535	3.30431958	3.47498626	3.48656649	3.70245703	3.33327459
3.8720287	1.80022901	3.00468403	3.22951295	2.96586648	3.90570603	3.41585366
3.5380164	1.54062948	2.98304915	3.17029505	3.31553508	2.93328365	2.6257886
1.08603542	1.00E-04	0.41887886	1.34631898	0.63189277	2.35954647	2.33192048
3.47079802	3.19904239	2.91184839	3.56723845	2.97794005	2.46470273	2.61273057
4.58917336	2.8026944	4.35091581	3.66420307	3.78701848	4.24497827	4.36667871
4.40017475	1.82564448	3.39518899	3.53488983	3.12262152	4.19097691	4.08733639
2.39610788	2.92156514	3.64880756	3.03304931	3.57896752	2.56618876	2.55377261
2.61300912	1.00E-04	2.70389952	2.30706697	2.5295512	3.13765613	3.75870602
1.89153363	0.79637057	1.81303679	1.35210064	1.76849384	0.88297287	1.27652651
2.42081616	1.24533636	2.0744512	1.63508801	1.50756117	2.20661301	2.22653462
0.2528596	1.00E-04	1.00E-04	1.00E-04	0.09814195	1.00E-04	1.00E-04
2.86456447	1.00E-04	1.30551788	1.81125635	1.66013984	2.0357286	2.40038282
2.27801507	1.00E-04	0.46133802	0.61505164	0.35901449	0.94908439	0.89038937
0.39066141	1.00E-04	1.00E-04	0.13225393	0.83676225	1.00E-04	1.00E-04
2.8682201	3.09625738	2.01608558	2.06611454	2.58313656	3.64274554	3.63894514
0.62633148	1.00E-04	0.42918915	0.20382924	0.8450773	1.00E-04	1.00E-04
0.85620306	0.79637057	1.68718939	1.37550257	1.91409846	1.71438685	1.00E-04
0.19207974	1.00E-04	0.09849679	1.00E-04	0.11639204	1.00E-04	1.00E-04
0.32972827	1.56775168	2.39060242	2.4909177	2.56587887	1.30530732	1.00E-04
1.10406089	1.00E-04	1.38585235	1.46646388	1.6278926	0.79958263	0.7070202
0.34948596	1.00E-04	1.20329954	1.18798212	2.10397498	0.68203783	1.00E-04
2.72682574	1.14856053	2.07510597	2.40095512	2.02791827	3.02754856	2.40499783

4.10206107	1.00E-04	0.25182257	1.11960801	1.3798514	2.08469849	2.33139083
1.00E-04	1.00E-04	0.60690449	0.20610044	1.00E-04	1.00E-04	1.00E-04
2.06829233	0.74506998	1.26513361	0.37126603	0.99700223	2.70304523	1.88478937
2.99914971	1.00E-04	2.32281598	3.02764188	2.90511934	1.96145745	0.7214142
3.46093869	1.00E-04	2.60784847	3.33792059	3.42656348	2.25968476	2.1639636
3.75591086	1.56775168	3.28324422	4.33125149	4.1033546	2.34296053	1.56724436
3.6349326	1.1166062	2.97188254	3.96610536	3.8346082	2.81763941	3.41903526
2.91703291	0.68407235	2.40583386	2.35009348	2.2502555	1.59306445	1.96969152
2.4545123	1.19051366	2.18573813	2.1911014	2.09093411	1.8452309	1.61764997
2.79697254	2.08273667	2.5221925	2.64575971	2.11039396	2.96377689	2.47783067
4.11078508	2.7677649	3.87231731	3.5799726	3.71639709	3.76545397	4.07906178
3.35386132	1.00E-04	2.36699666	2.83894129	2.5279994	2.03278177	1.21635408
2.94432757	1.24426431	2.47588919	2.13575033	1.9040247	2.25853513	3.00005842
2.88252355	1.45177834	2.48858188	3.01100206	2.6822428	1.00E-04	2.48337795
1.78495728	1.00E-04	0.71695905	0.54504261	1.61856543	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0759014	0.24798682	1.00E-04	1.00E-04	1.00E-04
1.08967816	1.00E-04	0.59804028	1.71811787	0.39008934	1.00E-04	1.00E-04
3.42609043	0.87612072	2.26182974	2.82527818	2.93569059	2.02288645	2.4905618
3.37190422	2.02983811	2.50943826	2.90006216	3.48358559	2.6880536	1.88262502
2.33308601	1.00E-04	1.15723271	1.48166365	2.3234956	2.81551734	2.75967452
2.79768628	4.46186086	4.69387617	4.45947039	4.23840262	1.48634524	1.83182535
0.53773821	1.00E-04	1.02429954	0.11868081	0.95566739	1.00E-04	1.00E-04
1.00E-04	1.25509001	2.72010975	3.65355066	3.53126886	0.71661629	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68407235	1.02967815	0.68992456	1.70916649	1.00E-04	1.00E-04
1.90299053	1.00E-04	1.16809266	1.54413987	1.71098104	1.00E-04	1.00E-04
4.0149433	3.3071663	4.37332949	4.32577047	4.18407906	5.36258495	4.74626208
2.00990481	1.00E-04	1.78723269	1.97935556	2.40470179	2.0317135	1.637468
2.36551636	1.00E-04	2.74982618	3.17707671	2.12375707	0.93702359	2.22911737
2.957172	1.73155995	2.01675988	2.0791438	2.01014055	2.27662473	3.00005983
2.48031879	1.00E-04	2.33308569	2.02339329	2.51428841	2.8702832	3.20083398
1.57531683	4.60799717	4.90876467	4.39709363	4.16605298	1.28575452	2.24517599
2.14889011	4.45723785	4.93496855	4.37426137	4.24624933	3.52368011	3.37678304
1.10669771	3.48128223	4.31704435	3.94294042	3.91519993	1.31151447	0.72495184
2.41959001	1.00E-04	0.35376518	0.35581342	1.40133976	1.00E-04	1.24145063
1.64709228	2.88115982	3.08783119	2.43747094	2.71747376	2.97865641	3.59430329
1.04422188	3.11336719	2.62202933	2.58641251	2.67658686	1.11641065	1.13129661
4.77247036	3.74525022	4.48263859	5.08213365	5.06697316	4.01814024	3.9126517
1.52972206	1.00E-04	0.0741193	0.35326258	0.80622501	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0697055	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63889343	1.55300136	2.04876308	2.43280298	2.78692346	0.97058651	1.00E-04
2.33941953	2.29805224	3.0166131	2.90134092	3.3361885	2.27395277	2.56314778
2.20977229	1.00E-04	1.24205042	0.65222033	0.33808778	1.24135441	2.12476489

3.3559157	1.00E-04	2.34377222	2.41395365	2.13832316	3.10709809	3.21497858
0.58467055	1.1166062	1.79977072	0.84517311	1.19988608	1.10522239	1.153275
4.40705209	3.13017529	3.90923401	3.73363948	3.64937148	4.28282477	4.19720312
4.27169491	2.74073343	4.2678415	4.0582539	3.92244728	3.30663051	3.69696441
0.51807633	1.00E-04	0.62044995	0.11090815	0.08916315	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.34567242	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.43184233	3.68434559	5.04903072	4.50657616	4.69976841	6.05034768	5.76173522
4.77949316	3.63810318	4.40477579	4.07735697	3.79781142	4.7424667	5.22069648
0.69364811	1.00E-04	0.11195561	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94442477	4.464619	4.63773161	4.34658809	4.0331118	1.70683966	1.5912007
5.43447073	3.10282321	3.86922877	4.41456875	4.45824318	4.97989936	4.81999902
2.82201689	3.85395026	3.36434739	3.51434111	3.48182195	3.27696395	2.78040236
2.6184215	1.85768931	2.21015435	2.54251588	1.73809188	1.24135441	1.26950745
2.93514829	1.75699053	2.55262833	2.9972626	2.81636269	1.00E-04	1.00E-04
4.35590839	1.00E-04	0.87008204	0.75451358	1.27948238	1.00E-04	1.00E-04
2.82851549	2.28823326	3.38136798	4.06541467	3.15799215	1.48634524	2.2751154
0.34824438	2.27801923	1.74325788	0.69370961	0.76703198	1.62162851	0.83430531
3.09366915	2.35457199	3.06738193	3.92823931	3.29149013	1.32780561	2.19101245
0.92631457	1.52102673	1.72568126	2.41625714	0.91030629	1.00E-04	0.55712436
3.22718614	1.75235417	2.5661368	2.82202905	2.89000918	2.20213893	0.40038755
3.35243173	1.00E-04	1.00E-04	0.56155002	1.10319991	1.48634524	1.01194579
0.44402348	1.00E-04	0.5943733	0.72780586	0.31055391	1.8794659	1.10337756
4.65454163	2.00426995	2.89505443	3.73305526	3.61789396	3.41858728	3.30250368
0.43348595	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.26165717	3.32404297	3.88555438	4.07371593	4.24006435	4.29652302	4.27520252
2.24794714	1.309432	2.28785024	2.29414186	2.16726716	1.84154999	2.32705
3.31336684	0.7902481	2.55636799	3.09794883	3.25137799	2.65889875	3.34820413
1.00E-04	1.00E-04	1.20038491	0.24067693	0.85330445	1.00E-04	1.00E-04
0.51787913	2.91386622	2.2908844	1.97666471	1.36591554	1.00E-04	2.19091548
1.13039215	1.00E-04	1.00E-04	0.3762214	1.00E-04	1.00E-04	1.13658288
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46191626	1.00E-04	1.87023365	2.36307412	2.34306826	1.00E-04	1.00E-04
4.32772225	0.8358776	2.99114096	3.37560998	3.42747294	4.13277002	4.11335384
0.19336288	1.00E-04	0.53187499	0.59806343	0.29823267	1.00E-04	1.00E-04
2.15835508	1.2546033	1.93645139	2.42015623	2.50301294	1.23659943	0.99651619
4.02721991	2.69175833	2.67130164	3.19617634	3.52222057	4.63739803	3.9326757
2.58206255	2.39606371	3.15364126	3.70424246	3.80347046	2.52475846	1.892064
5.15529902	4.83989347	5.2810893	5.15449814	4.96035355	4.52166659	4.72278323
5.19877573	5.41806059	5.96033563	5.79588335	5.77621943	5.47725991	5.58693634
3.83455709	3.29832502	3.94992598	3.53839957	3.59532097	4.05250534	4.27247923
3.26629107	0.68407235	1.75691551	2.40284305	1.56950442	2.01335451	1.97285322
4.90276973	1.10823044	3.67120981	4.51385283	4.47368892	3.08853024	3.27367798
3.00040956	2.07545327	3.608652	3.65385617	3.95725868	3.02049601	3.19053391

5.15457335	3.12648101	4.70159551	4.93846663	5.03299257	4.68018152	4.20200513
4.92815891	5.0596073	5.88642433	6.13507325	6.19525396	3.91107928	4.4362717
1.00E-04	1.00E-04	0.07963459	0.15108437	1.00E-04	1.00E-04	1.00E-04
0.87449942	1.00E-04	0.65152171	0.92128849	1.9926641	1.33183829	1.00E-04
0.46227738	0.69779233	0.14427195	0.23502909	1.54507181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13046994	1.00E-04	1.00E-04	1.00E-04
3.45771909	3.83386465	4.50783454	4.48730891	4.7772484	0.83873894	0.83430531
1.52335268	5.44751027	5.67702855	5.39491233	5.01680442	1.00E-04	1.33542911
3.19125947	1.309432	2.80967944	2.56713054	2.91499464	3.12087365	2.40272522
0.18529938	1.00E-04	0.66904607	0.80408342	0.55971243	1.00E-04	1.00E-04
4.11274109	1.00E-04	0.59668965	1.59963741	1.72557263	3.41613832	3.55940084
5.5150548	4.07854578	5.36025733	4.79174096	5.08737459	5.48753048	5.46461138
1.74229327	1.00E-04	1.29112672	1.06999984	2.30347001	0.93702359	1.00E-04
5.77451167	4.36369484	5.2979335	4.5912908	4.84941444	2.99957359	3.68015791
4.16102174	1.71080704	3.86218409	3.78662887	4.02299818	2.62870396	3.85438021
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.43846583	3.08941915	4.00757743	3.52403848	4.02231167	4.07656212	3.28493155
3.22062969	2.42542569	2.96313333	2.47213944	3.09082123	3.70136741	3.40316996
0.0746918	1.00E-04	0.30162726	1.00E-04	0.12125625	1.00E-04	1.00E-04
1.92749201	1.00E-04	1.94117123	2.24747375	1.7275118	0.46029024	0.41275046
2.46468003	1.00E-04	1.72656255	2.93534883	2.43127108	1.60616034	2.2444115
4.44861342	3.97945035	4.5576905	4.60346345	4.73935782	4.60662336	4.75846877
3.75797169	3.37549825	3.8274247	4.27472569	4.22460689	3.3772772	3.40993555
3.08147138	0.87612072	2.08557302	2.90470513	1.86234874	2.34454941	1.40632719
3.60149361	2.35565688	4.3816329	4.71185566	4.43483911	2.99952376	2.6069216
3.90705248	2.33969545	3.39284252	3.41989768	3.45354172	3.17478804	3.46448525
2.6841738	1.00E-04	0.57810615	0.17946595	0.73913482	0.82693741	1.86658516
3.59073554	2.21760323	3.86254991	4.08929348	3.89387394	3.1332031	2.89763697
4.48939368	4.08897956	4.22737899	4.00521196	4.27919971	2.13743685	3.93500612
3.86875593	1.28532547	3.55169941	3.74451093	4.00251984	3.28818203	2.53396031
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.12671177
1.00E-04	1.00E-04	0.68422644	0.0814007	1.10319991	1.49919087	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.46878115	1.00E-04	1.79663058	2.1579891	1.78095392	1.66396719	0.316869
2.01333766	1.00E-04	2.29965429	2.18300532	2.2544129	0.94908439	1.2012957
2.75055154	2.17948691	2.28411802	2.77067589	2.99353181	2.60645075	2.72682297
2.2586398	1.2795411	2.33975423	1.87606863	2.25286144	1.93245404	2.41211123
3.24559136	1.00E-04	2.59876174	2.71219708	2.51578777	2.9944915	3.17112351
2.84337834	2.39436883	2.80429868	2.84881783	2.54097845	2.91275902	2.95230871
3.27507402	2.84784592	3.80479369	4.20524738	4.15519734	3.15885587	1.80338189
1.75267265	2.91856331	0.52737349	0.16411766	0.12125625	3.02534289	2.00438401
3.27625206	1.47996903	2.71227304	2.93552444	2.36662412	2.21434083	2.6285559
2.97509804	1.2596863	2.96234797	2.79098538	2.99044446	1.46177864	2.68295663

1.00E-04	1.00E-04	0.46096131	0.3023098	0.63863613	1.00E-04	1.00E-04
2.06383859	0.68407235	2.23701375	2.81268248	2.58901971	0.71661629	1.48560938
1.34574948	1.53431803	2.21837742	1.64679284	1.60833058	1.00E-04	1.00E-04
4.31512109	4.22638051	4.09366332	3.7686144	3.95770508	4.4543376	4.54257869
1.00E-04	1.00E-04	0.24297526	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.98605271	2.1282415	2.80662165	2.64909392	2.62420043	2.97126839	2.46444551
2.2795118	3.37515267	3.69627115	2.93842545	3.05517435	3.07032581	2.79789194
1.88322607	0.68407235	2.2072142	2.6984683	3.11904623	1.00E-04	1.69096415
0.52931887	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.1941649	2.27841443	3.96523123	3.00813488	3.12492929	5.00432621	5.22370506
0.31811013	2.03171126	2.53766528	2.54636259	1.92181883	1.00E-04	1.00E-04
3.13140855	1.00E-04	1.97940531	3.3143124	3.34198348	1.73287529	2.05304792
2.94527436	0.74506998	2.63775325	3.16400969	2.58503223	3.23110462	2.19105938
3.66021424	1.94289261	3.40707595	3.17120736	3.6321395	2.45020232	3.12372896
3.33676943	1.00E-04	2.89976809	3.15896132	2.63692472	1.7736949	2.57707381
1.62794162	1.00E-04	1.74622209	2.18303439	2.21804137	1.7885998	2.27023647
1.00E-04	1.00E-04	0.56658334	1.00E-04	0.25625379	1.00E-04	1.00E-04
6.28156703	4.77660318	5.33485445	4.91686382	4.92236298	5.73768807	5.88215536
6.40809827	4.31158253	4.65263394	4.28889857	4.33202535	5.44901169	5.58337372
2.06613305	3.32595191	0.20043924	0.57837639	0.09759627	1.00E-04	1.00E-04
3.04717798	1.00E-04	0.26951142	0.3571833	1.00E-04	1.0281643	1.00E-04
0.4637284	1.00E-04	0.45833795	1.00E-04	0.32651189	1.00952146	2.63659362
0.48497855	1.00E-04	0.55468674	0.40688284	0.10294237	1.12785157	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.72125015	3.1087466	3.20970588	4.02053161	3.67168882	2.59293872	2.36524165
4.04646534	4.03177131	4.01767394	3.54213989	3.54769494	4.8687385	4.96297254
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66597434	1.48661538	3.37774004	3.31914672	3.64589654	1.00E-04	2.05558664
0.74767259	1.00E-04	2.36452004	2.88534981	2.85093741	1.00E-04	1.00E-04
2.0893769	0.69779233	2.10954599	1.60510208	1.42571226	0.95102466	1.01864576
1.89220283	1.00E-04	1.67213804	1.79087836	0.57926949	2.06909449	0.68773152
2.78934066	1.25509001	2.33466618	2.34380791	2.00998959	2.88106112	2.11774704
1.75647404	2.38349627	3.16786166	2.83472931	3.02436198	1.60007999	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1020411	1.00E-04	1.00E-04
4.03759974	1.21780923	3.69255652	4.41905304	4.22398336	1.63066211	2.82046806
3.03900098	1.81034678	3.66909479	4.19224394	3.68911806	2.38915605	2.21382247
4.69720676	4.10217098	4.80037285	5.40187781	5.32863384	4.10138912	3.55466336
4.06490089	3.23086312	3.95193677	4.7498748	4.40985571	2.86834336	2.93437249
1.37205173	1.00E-04	1.46144289	1.40015894	2.1158727	1.00E-04	1.93254569
2.47438131	3.72368286	3.12083735	3.355729	3.51276697	1.00E-04	1.68703911
0.59648789	1.16726039	2.5073545	1.33335271	1.49627708	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.92118344	0.17213068	0.53495954	1.00E-04	1.00E-04
0.68870304	1.00E-04	0.14086284	1.00E-04	0.10372144	1.00E-04	1.00E-04

5.0635613	2.59289612	2.49411389	2.42069622	2.38526963	3.48594622	3.34817918
1.00E-04	1.00E-04	0.17987198	1.00E-04	0.18750702	1.00E-04	1.00E-04
4.74953617	1.00E-04	0.90654823	0.57127935	1.1728965	3.20216532	3.53689248
0.66496354	1.00E-04	0.43096172	0.11090815	0.47418341	1.00E-04	1.00E-04
1.6212575	1.3386578	2.43931918	1.92476349	2.24008302	1.00E-04	1.3443479
4.13833976	1.3386578	3.46447472	3.95165334	3.97344592	2.40638144	2.92723137
2.64982145	1.00E-04	1.59669708	1.78907544	2.43736055	1.90121872	2.03981705
3.79433296	3.19908716	3.28365624	2.53285034	3.22630201	3.91447949	3.97865575
3.97037717	1.00E-04	1.77329747	2.23541549	2.27350118	4.02816915	2.35102134
4.79012254	4.49871648	4.87805723	4.17236269	4.29160989	5.1762448	5.52571653
4.32505717	4.00267874	3.24345633	3.25502963	3.60155131	3.53059069	4.20942895
4.06742032	3.43032512	3.19171907	3.956605	3.92795959	2.68523172	3.61738732
2.46690352	1.00E-04	2.03000391	2.04748893	2.5894221	1.40300135	1.92834391
3.34812189	2.19021738	2.84134671	2.17199607	2.14839763	3.92805795	3.5530432
0.06718044	1.00E-04	1.00E-04	0.1318993	0.17301519	1.00E-04	1.00E-04
1.00E-04	1.16726039	1.73047394	1.67337806	1.83745295	1.00E-04	1.00E-04
2.50835724	0.68407235	2.64567316	2.49632607	2.20167724	1.83746789	2.30912467
3.48419171	3.71624034	3.32688492	3.52624089	3.51711186	2.58577565	2.77775971
1.36998713	1.6116169	0.91211204	1.33967183	1.42934912	1.00E-04	1.00E-04
2.74207214	1.94772212	3.90269866	3.81422157	3.86203084	1.88184477	3.36378214
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.46963361	1.8118942	3.03931643	3.20982887	3.12509416	2.2090066	2.61188782
2.15228164	1.00E-04	1.55682354	2.21108823	2.13094233	1.00E-04	1.39686577
2.63595836	2.56601575	2.98111647	3.36079936	3.28851955	0.71661629	1.9030932
1.94757006	0.7902481	0.47209251	0.42845781	0.87459183	1.00E-04	1.38269196
0.68680566	1.00E-04	0.06586442	0.074384	1.45853638	1.00E-04	1.00E-04
2.00034001	1.00E-04	0.28466239	0.08792613	0.19056315	1.66181256	1.294807
3.30238121	0.8339972	3.25452181	3.9226313	3.83993717	2.57061866	1.77875534
2.60393171	1.00E-04	1.7252095	2.28635698	2.7702209	2.17028318	1.558785
4.12083804	2.38540839	3.5601619	3.19646667	3.61590439	5.00668236	5.17041884
2.12137833	3.43032972	3.6608268	3.06910825	3.48854482	2.52494462	1.61712754
3.39867625	2.46486063	3.1249296	3.41079442	3.28893228	3.25651129	3.43395303
0.50258216	1.00E-04	0.98135265	0.44324096	0.69882018	1.24135441	1.24011905
3.09763567	2.45887212	3.2695619	3.1090469	2.90550192	3.19369683	2.91127364
2.68062999	1.00E-04	2.16084311	1.66201335	1.78735207	1.71815094	3.09185387
1.28147606	1.00E-04	1.45183634	1.51669183	1.63271452	1.16801779	1.00E-04
1.7969747	1.00E-04	1.51317387	0.94171674	0.82928134	1.99878648	0.82486735
1.31332173	1.00E-04	0.88547605	1.05559499	0.66643546	0.77057821	1.25654185
1.58397385	0.68407235	1.3718035	1.54064835	1.55155984	1.33356452	1.00E-04
2.78133516	2.63728089	3.22618454	2.88009368	3.48690412	2.20287553	3.29895765
2.47392274	2.14511006	2.7459101	3.01025214	2.51761966	1.25338459	1.20679676
0.21281723	1.00E-04	1.45618634	2.60271507	3.06707825	1.00E-04	1.00E-04
0.40844403	0.8339972	0.49679391	1.33764847	1.4990644	1.00E-04	1.32208337

3.33129469	1.00E-04	2.49529895	2.39147242	2.23719221	2.79705171	3.69996651
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10894346	1.00E-04	1.00E-04
2.59595991	1.00E-04	2.03365519	1.95483509	1.95426688	1.68011402	1.90287595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.39021388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.85160087	1.82594588	2.22140341	1.59476711	2.20700659	1.51352846	0.85339342
0.29454285	1.00E-04	1.19926748	0.51275459	1.10472161	1.00E-04	1.00E-04
2.96756069	1.2795411	2.22848313	2.85052724	2.60293423	1.00E-04	2.1653176
1.07307336	1.00E-04	1.39008908	0.88491135	0.58166936	2.38594387	0.62168103
3.18117068	0.96847026	3.36000032	3.83662933	3.32616631	1.83214921	1.03412422
3.36202704	0.69779233	1.58677309	2.0309557	2.67835893	3.04400829	2.95475664
1.00E-04	1.00E-04	1.00E-04	0.14009469	1.00E-04	1.00E-04	1.00E-04
3.45079483	0.87612072	3.03556971	3.44994136	3.39444753	2.29492586	2.61525953
3.19656172	1.63174686	2.57274664	1.98655584	2.17101118	3.41076813	2.62728469
0.44596869	1.00E-04	0.34182843	0.3866166	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.88882313	2.98092213	3.57034515	3.72216039	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.51550814	0.07488174	0.30229045	1.00E-04	1.00E-04
2.67098231	0.87612072	1.94097774	2.0714278	2.62040372	2.81521029	3.18276839
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.80254719	1.69774638	3.08458621	3.49192536	2.82930625	1.90870256	2.38493345
0.75451315	1.00E-04	0.5704921	0.34368323	1.00509033	1.61685498	1.4842789
2.62403655	1.31236668	2.80390595	2.83222357	2.65215501	1.74927379	1.22697765
4.56900309	3.28850625	4.15673522	4.85134592	4.76260344	3.33701921	3.93000398
2.47109567	1.12950432	2.1623789	2.63471878	2.51952055	1.96873611	1.95578353
0.71125912	1.00E-04	1.00E-04	1.00E-04	0.21894683	1.00E-04	1.00E-04
3.17558609	1.00E-04	2.67915677	2.41977058	2.73460565	3.32505524	3.14561496
2.55255627	1.00E-04	2.80948951	2.81921551	3.09081635	0.89799762	0.82486735
0.39468783	1.00E-04	0.08093755	0.38349655	0.45581808	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.98266785	1.00E-04	2.44166476	1.42089598	1.1646758	1.87835746	2.2718324
3.6187157	1.7400616	3.14309309	3.63571818	3.6432488	2.59165899	2.85801662
2.48494628	3.82490501	4.97375005	4.48610668	4.55391423	0.78141142	2.26161215
2.38137478	5.94036141	6.6038075	5.97856583	5.98643521	1.00E-04	1.9565064
1.00E-04	1.00E-04	0.0741193	0.12223151	0.13025542	1.00E-04	1.00E-04
3.29708434	3.06724088	3.86052566	3.5304921	3.78369357	1.47137208	3.26969196
0.37635657	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99965162	0.68407235	1.50053653	1.66656405	1.84618394	1.00E-04	1.39021388
1.40447007	1.00E-04	1.96859313	2.20983805	2.68285381	2.25258448	1.00E-04
3.12682048	2.82306424	4.0187977	4.75089504	4.50389818	1.75230198	3.00423469
4.01769625	3.32641091	3.59311964	3.36780055	3.52792818	3.60812282	3.99674428
3.89221482	3.241222	2.99865982	3.17541047	2.89334353	3.71202283	3.62606301
5.20221957	2.93407758	2.80003548	3.40546178	3.83800324	4.78251292	4.55497825

0.2528596	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.66342677	4.06157457	4.34698273	4.01971847	3.84931865	4.86354076	4.97990944
1.00E-04	0.71640521	2.26202526	2.5543448	2.19446054	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.21928402	2.21742569	3.55583511	3.80656701	3.77973239	4.20272234	3.93723651
1.00E-04	1.00E-04	1.00E-04	0.08557886	1.00E-04	1.00E-04	1.00E-04
1.5552512	1.52332232	2.94409395	3.04742377	3.20031912	2.64075819	1.54861435
1.27363886	1.00E-04	1.17985055	1.71588807	1.43833835	1.00E-04	0.316869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49701351	3.26577248	4.4377182	4.86685693	4.85609698	2.20620385	2.14126816
1.30408003	1.2795411	1.13937595	0.75787066	0.51824266	1.00E-04	1.00E-04
0.58625209	2.02305275	3.38116884	3.70157758	3.4182665	1.83729169	1.63748189
3.06548757	3.07541711	2.70391078	3.75385158	3.67398043	1.8638326	1.6044293
4.06728026	2.31434543	3.70305546	4.993223	4.80889412	3.21268367	2.83211249
4.41540326	3.59326873	4.01278459	3.77154434	4.07370159	3.75691258	3.9767411
0.18976836	1.00E-04	0.20371675	0.474857	0.28096859	1.00E-04	1.00E-04
4.13502665	2.47867044	3.41754906	3.20040526	3.3097191	4.21322082	3.7725233
1.00E-04	1.00E-04	0.95972327	0.94101038	0.33353365	1.00E-04	1.00E-04
3.11058825	1.2101235	2.02069587	2.5878646	2.52563036	2.68528504	2.46203991
0.36806273	1.00E-04	0.47549664	0.44180581	0.14566556	1.00E-04	1.00E-04
0.43920921	1.00E-04	0.35947409	0.34143785	0.26605513	1.00E-04	1.00E-04
2.64485273	1.12950432	2.30676528	2.55953109	1.87396271	2.89708404	3.20006373
4.40469454	1.3386578	2.34674556	2.33606265	2.52597182	1.68024732	1.82466876
2.08440277	1.00E-04	2.06649999	1.48641343	1.98861967	2.41089412	2.37013555
1.00E-04	0.68407235	0.69438736	0.83000668	0.73781087	1.00E-04	1.00E-04
0.3137509	3.90667053	3.98408167	3.62486919	3.8280241	1.00E-04	1.93833032
4.15360332	1.3386578	0.54117005	0.92471877	1.83771922	3.50473525	3.49383458
1.00E-04	1.00E-04	0.55518124	0.69780549	0.14455498	1.00E-04	1.00E-04
3.80103693	2.88017932	3.55627079	3.61791907	3.48154675	3.40774247	3.43844431
1.00E-04	1.00E-04	2.20649888	2.08436915	2.62696703	1.00E-04	1.00217252
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.59474494	1.72067457	2.97397913	3.09843328	3.48582244	2.61182384	3.6942891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75652995	1.64157115	2.19050278	3.02485043	3.00810761	1.72568417	2.39041637
0.65994903	1.00E-04	0.90905833	0.38972684	0.47282516	1.00E-04	0.41275046
3.12454165	1.39535389	2.9765628	3.07190485	3.02368283	0.72869785	2.89341271
4.26706005	4.11579161	4.31495598	3.8683285	3.77516061	3.67235235	3.78332299
2.9903228	1.62526513	2.78372147	1.58849963	2.04931709	2.67697135	3.63475206
3.38366094	1.39512462	2.02800526	1.70696424	2.55517865	2.91934117	2.39927547
0.28289457	1.12553	2.16308781	1.87899038	3.13540908	1.00E-04	1.36514787
1.84232036	0.72877389	1.04099422	1.76606658	1.22839246	1.28079343	2.32067979
3.69741706	2.40150337	3.53256536	3.47699917	3.57043611	3.71426664	3.86735268

2.89594691	1.3484342	2.38074186	2.40085578	2.5696817	2.54577436	1.89940749
3.34644362	3.13608939	3.39052408	3.85881879	3.92559957	3.28495643	3.49160719
2.01467875	1.81144446	1.65927824	1.67623686	1.66948904	0.81755274	1.78863896
0.17314996	1.00E-04	0.1864866	0.0897396	1.00E-04	1.00E-04	1.00E-04
0.99908534	3.21623104	4.34191422	3.88947393	3.57127578	1.00E-04	1.00E-04
0.76151522	1.00E-04	1.51122212	0.59790246	0.88487332	1.00E-04	1.00E-04
4.35607835	3.1210175	4.32661971	4.51963649	4.66525465	3.66076789	3.82380377
3.44370756	1.92493958	3.58547748	3.92952504	3.66535558	2.7621008	3.57995446
2.35540911	2.77910279	3.4135912	3.56832733	3.676023	1.68911461	2.89509009
0.21723843	1.28620973	2.20194594	1.93226974	2.19731935	1.00E-04	1.00E-04
0.43104915	1.00E-04	1.11816462	1.04743125	1.05605083	1.00E-04	1.00E-04
2.45920671	1.81864256	2.99531439	3.09262885	3.13089437	0.85260137	1.43687723
0.52186403	1.00E-04	2.22921971	2.092606	2.54885871	1.00E-04	1.00E-04
0.82033626	1.28142983	2.06824408	2.19777336	1.77665304	1.00E-04	1.00E-04
4.79919945	4.49773631	5.37944082	6.04487343	5.8151121	3.78079372	3.64524287
1.00E-04	1.00E-04	0.07911744	0.08792613	0.187008	1.00E-04	1.00E-04
3.24857131	1.00E-04	1.67833178	2.2911701	2.64881335	1.52843816	2.0491095
0.81355372	1.00E-04	1.99538655	2.64367416	2.48543673	1.00E-04	1.00E-04
3.61439616	1.3386578	2.72961173	2.50408417	2.89709816	3.16468606	3.09146533
2.96194365	2.352938	3.65001459	3.17837109	3.57988615	2.90868241	1.4805077
2.27458757	1.46073695	2.8021047	2.10568577	2.64291099	1.19015591	1.59670811
0.21433745	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.28082187	1.1377045	2.33043744	2.93738275	1.85867216	3.42189	3.61684725
3.25159014	1.43063249	3.29503318	3.44462877	3.36459525	4.75891525	4.38580056
3.26349824	4.18968589	5.01769654	4.63301313	4.59905651	2.88508378	3.2834337
2.36985784	1.7157631	3.26094239	2.74323393	2.89882013	2.93030681	2.78853964
2.39138444	0.96847026	2.08884663	2.43381996	2.03704638	0.71661629	1.27849827
2.79338349	1.08649412	3.22640123	3.75708707	3.76719422	2.66835068	2.35758105
2.27252901	2.40371213	1.410693	1.85445665	2.01542644	4.49973572	4.40949766
1.00E-04	1.00E-04	1.00E-04	0.08710603	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06554964	1.00E-04	0.19143586	1.00E-04	1.00E-04
1.34422548	1.00E-04	1.24071197	1.6213072	0.92568992	1.00E-04	1.16048721
3.13932019	1.65477047	2.94348626	2.84845246	3.11224089	3.08719053	2.83058321
0.87952901	1.00E-04	0.55733942	0.73596615	0.42294383	0.68203783	1.10337756
0.66386712	1.00E-04	0.32529685	0.99059437	0.36379286	1.43915739	1.00E-04
2.33537344	1.88223471	2.79445257	2.74120248	3.06322326	1.19321377	1.11313029
0.14284657	1.53431803	1.39077396	0.77156401	0.20549134	1.33356452	0.94970493
5.00877168	3.71713361	4.73013146	4.29155007	4.54474481	5.22412275	5.1852506
4.95357571	3.57595127	4.03422919	3.4774097	3.80738167	4.7225524	4.97650843
0.6755842	1.00E-04	0.60180172	0.66825898	1.09881708	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.14898877	0.75485984	1.04281377	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1213016	1.00E-04	1.00E-04	1.00E-04

3.1353456	2.88026635	3.3725635	3.46239202	3.38911182	1.46979705	2.62951491
1.461132	0.69779233	2.69893581	2.11684598	2.54574901	1.82523974	2.07183083
2.78642919	0.74506998	2.53607725	2.1632469	2.21345328	1.46891921	1.00E-04
2.13544003	0.69779233	2.05745033	2.79740737	2.90377951	1.9837055	2.22218494
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.26543874	2.4531082	3.40518194	2.82303765	3.43390507	3.38335473	2.75935223
0.24340868	1.63245595	1.63221241	1.84707701	2.59344575	1.00E-04	1.00E-04
2.45542355	0.74506998	2.04409473	2.576358	2.67826419	0.62567961	1.54524126
1.00E-04	2.47663194	3.1679696	3.17504953	3.44370605	1.00E-04	1.00E-04
2.85481307	0.69779233	2.537681	3.21550305	2.6553396	1.48403829	1.03467142
3.24989904	1.00E-04	2.9352775	3.427602	3.65281122	3.00184354	2.51219082
4.16449376	3.93573949	4.73924006	4.44379613	4.15755285	4.03944332	4.04446281
1.00E-04	1.00E-04	0.23241905	0.24615505	0.23513402	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.17558505	0.08321284	1.00E-04	1.00E-04	1.00E-04
0.25365118	1.00E-04	0.08749008	0.08710603	1.00E-04	2.3303213	1.06765127
1.22161784	1.00E-04	0.55510359	0.3534506	0.39151366	1.00E-04	1.00E-04
3.12545817	3.48529429	3.29527566	3.11478123	3.11099256	3.43346987	1.453556
1.00E-04	0.96847026	0.70948479	1.00E-04	1.00E-04	1.26260391	1.00E-04
4.05657605	3.406099	2.60452084	2.07839758	2.17249495	3.78335645	3.61428704
4.79611913	5.16722385	5.04085258	5.02975481	5.26623854	4.92521575	5.14712631
0.96148386	1.00E-04	0.60696076	0.52984968	0.2143173	1.49034067	1.3282665
4.51806572	0.87456952	3.14405585	3.19300412	3.01335051	4.39867603	4.39311917
0.32213523	1.00E-04	0.39442691	0.25490791	0.29898458	1.00E-04	0.56264051
1.00E-04	1.00E-04	0.13090012	0.38407888	0.73250147	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.26032261	0.21760272	0.19089153	1.00E-04	1.00E-04
0.43632774	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40468327	0.7902481	1.23620892	0.57328812	0.54815847	1.00E-04	1.00E-04
0.8024704	1.00E-04	1.16123702	0.86788105	0.99552532	1.10522239	1.00E-04
0.17576665	1.00E-04	1.00E-04	0.21066864	1.00E-04	1.00E-04	1.00E-04
0.59313331	2.18968374	2.97777305	2.94564532	2.90573741	1.00E-04	1.25131486
1.00E-04	2.18916889	3.2527651	3.38898127	3.01792422	1.00E-04	1.00E-04
1.00E-04	1.28518064	2.28557961	2.59571895	2.33631289	1.00E-04	1.00E-04
0.61751872	1.17452218	0.90418916	1.22047362	1.21468959	1.00E-04	1.7191991
1.00E-04	1.00E-04	0.36400348	0.17692202	0.43169882	1.03499642	1.26389675
1.00E-04	1.00E-04	1.05787009	1.64831233	1.07919904	1.00E-04	1.00E-04
1.51660262	1.00E-04	0.26119812	0.30187946	0.25359598	1.40857904	1.35464836
7.12657914	4.98490077	6.23650162	6.96940613	6.81758071	5.04633957	5.95262362
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75913697	1.00E-04	0.42205091	1.59472935	1.10887387	1.68667076	0.79505536
8.45859102	6.3488155	7.1849661	8.13950885	8.08506565	6.67706027	7.16147384
3.74757881	0.72877389	1.27282858	0.61541244	0.14744713	1.00E-04	1.00E-04

4.12613764	5.04483196	5.41349833	5.08336895	4.99191836	5.07229628	4.77569482
3.12433939	2.63226497	3.50481828	3.06165421	3.30974136	3.51743361	3.46746178
3.30765083	1.28581113	2.50027926	2.32171999	2.00724647	3.82774274	3.6292501
3.29263451	1.00E-04	2.11489713	2.41981116	2.10724856	1.6583708	2.1855747
2.44240909	1.00E-04	1.84746553	1.1796122	2.49169853	1.48151685	2.4029059
3.95330809	3.5580005	3.30998993	2.96141139	3.36068005	3.48262689	3.70321252
2.77013879	1.71819408	2.85549577	2.48171325	2.85909833	3.43397727	2.48702744
4.4556246	2.63473029	3.50911255	3.0276026	3.81371924	4.1810454	4.51555532
4.06676671	2.29930208	3.31480592	3.15449731	3.21468631	4.59102167	4.41633581
1.00E-04	1.00E-04	0.07963459	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.82647193	1.00E-04	1.38120172	2.54446574	1.39226589	3.28944155	2.64814228
0.58428213	1.50757328	1.07245681	0.65570131	0.8334665	1.31757904	1.16048721
2.13907477	2.88384311	2.95326543	3.04273215	2.74162594	2.58208663	1.90831083
3.55692614	2.2127969	3.5025197	4.33199907	3.00855377	4.59331865	5.07062903
1.00E-04	1.00E-04	0.39846837	1.00E-04	0.14410425	1.00E-04	1.00E-04
6.25047226	2.64488764	3.56330825	3.42125822	3.41088959	5.73636416	5.5354094
2.64558159	3.43043847	4.30001782	4.63381791	4.76910719	1.85037377	2.57371536
2.62592121	0.68407235	2.13057249	2.76809351	2.65773689	2.06985499	1.71768492
2.09032932	3.0800696	2.27990742	3.04151075	2.26386897	1.00E-04	0.55712436
3.6425085	1.71607002	2.60808839	2.25176475	2.12885862	3.96260859	4.24937997
3.79265098	2.70181128	3.48243031	3.50551296	3.10219595	3.77931553	3.58610649
1.00E-04	1.00E-04	1.06151319	0.08624493	0.81951844	1.00E-04	1.00E-04
4.0389866	2.84077961	3.5790794	3.29833251	3.035498	4.2737485	4.13164737
0.67273928	0.87612072	0.72348797	1.81618875	0.87992677	2.32266037	1.00E-04
1.00E-04	1.00E-04	0.75507673	0.0848519	1.00E-04	1.00E-04	1.00E-04
2.28878963	0.74506998	2.59470966	2.99136566	2.93437724	1.11641065	1.26950745
5.16286492	1.00E-04	0.9612342	0.38978832	1.00E-04	1.00E-04	1.00E-04
3.39130409	1.00E-04	0.13390453	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62186052	1.00E-04	0.98712835	1.08666823	0.83645445	1.42475001	1.22743142
3.00850636	1.00E-04	1.00E-04	1.00E-04	0.17301519	1.00E-04	1.00E-04
0.44205337	1.00E-04	0.38444954	1.34240352	0.51838203	3.94936429	4.20147153
1.56534906	3.45609695	4.85511497	4.54845573	4.05884822	1.00E-04	1.82053584
2.47186067	2.36823532	3.41472965	3.56171604	3.34775188	2.21107403	2.27022857
4.03647243	3.32595191	3.23076168	3.03102035	4.05966435	4.65114164	4.71039729
3.15932109	4.21409567	3.92065332	3.83173587	3.87581871	2.19231968	2.77176296
0.80172415	1.00E-04	1.50611906	1.48585647	1.01294666	3.46389897	3.01857101
0.3013716	1.00E-04	0.29302206	1.00E-04	1.00E-04	2.33069549	2.36791061
0.24211961	1.00E-04	1.7729972	0.5044322	1.35536568	1.00E-04	1.00E-04
2.2483737	1.00E-04	0.20224196	0.16753828	0.4885108	1.00E-04	1.00E-04
0.4639399	1.00E-04	0.94630878	1.00E-04	0.17989602	1.00E-04	2.08720692
1.59713886	2.15959264	3.56503718	3.14567421	3.69895087	4.74745822	4.41869168
2.73305401	1.00E-04	1.00E-04	0.17154006	1.00E-04	3.77155853	3.2644237
3.66258889	1.2795411	2.4032773	2.88332307	3.00551707	2.82839335	2.34611736

3.93018144	3.12657258	3.89974391	4.57059958	4.7342282	1.23897179	3.03654191
3.10812401	1.2795411	3.0812212	3.32304191	3.33614195	3.5889996	3.9255533
0.56126625	1.00E-04	1.00E-04	0.26767535	0.38361562	2.26968266	1.41090396
1.00E-04	1.00E-04	1.84456368	0.62732609	0.27278554	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0779111	1.00E-04	0.12792029	1.00E-04	1.00E-04
4.94668811	3.6595084	4.09758933	3.47386895	3.76914581	5.73440158	5.60504357
3.94246909	1.52102673	3.02070865	2.61329317	3.13897534	4.07697793	3.85822464
1.97427086	1.00E-04	1.00E-04	0.19321047	0.09523547	1.00E-04	0.84167817
4.25115156	4.3098868	4.57270026	4.15991059	4.16504728	6.77140122	6.97931997
3.81488175	3.5284085	3.24506378	2.7443059	3.01504456	3.63375907	3.61958055
3.47401314	2.37390681	2.63846192	3.19557899	3.16794561	2.54001726	3.01159298
1.56159999	1.46130919	1.49165502	0.68204466	2.05765068	2.66285497	2.90934065
1.99175083	1.47956274	2.31489689	1.3731439	2.27230179	2.28447107	2.25097779
4.14122545	3.01988302	4.43515027	3.63650407	3.88441182	4.5499418	4.39451183
5.06703345	3.78756538	5.1344522	4.54939587	4.7136942	5.69676164	5.62401057
0.9311681	2.05105594	3.18806524	2.91462051	2.90300576	1.00E-04	1.35739935
4.42597178	3.15679925	4.07509149	3.81485644	4.02599378	5.1897336	4.77293071
1.01982321	0.87456952	1.46239533	0.43842762	0.13957128	1.25061534	1.00E-04
0.27949177	1.57120999	0.98237975	1.32312358	1.21339727	1.00E-04	1.00E-04
0.8103938	1.00E-04	0.31440834	0.23624268	0.335974	0.68203783	1.00E-04
0.10782219	1.00E-04	0.41774282	0.54501126	0.2895802	1.00E-04	1.00E-04
4.69605711	1.00E-04	1.68805235	2.8484021	2.95207631	1.74679819	0.56264051
1.00E-04	1.82895048	1.93831576	1.23820115	1.21367806	1.00E-04	1.00E-04
0.60323804	1.00E-04	1.81050713	0.8672098	0.76991918	1.55119497	1.11706721
1.00E-04	1.00E-04	0.24910572	0.08490835	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.21248575	0.20601845	0.28781825	1.00E-04	1.00E-04
1.53321265	1.00E-04	0.76251988	0.233241	1.54543623	3.17245715	2.52551134
4.8512442	3.6752031	4.10415565	4.02046142	3.65702982	4.95840934	5.18393656
3.20908736	2.12073099	2.99376206	2.4739111	3.06328031	2.47082685	2.52571622
4.91306351	3.17962147	4.84376972	4.2727317	4.19209955	4.87856668	5.14429849
1.00E-04	0.71640521	2.27100705	1.62346635	1.9096244	1.00E-04	0.62168103
4.06253505	3.71176007	4.45647269	3.94627753	4.21369297	4.62989446	4.6004727
5.47009327	4.30742759	5.2411608	4.68230104	4.9312279	5.46401965	5.51748874
6.45738653	4.93616167	5.80154639	5.37357301	5.60646714	6.89101202	6.76435517
4.03477338	3.8031506	4.09107966	3.36483789	3.73274018	5.41412164	5.23050977
0.79524391	0.74506998	3.34439979	2.6921679	1.93672307	1.00E-04	1.93833032
0.41476268	1.00E-04	1.33449992	1.38469314	1.74499	1.00E-04	1.49093336
4.68894835	4.77720816	5.56063809	4.98079715	4.9989502	1.66807378	3.37827255
0.45262125	1.00E-04	0.50858651	0.07488174	1.37416853	1.00E-04	1.00E-04
0.47923941	1.00E-04	1.29663741	0.54861606	1.30643984	1.00E-04	1.77007928
3.71600265	3.46742868	3.84478629	3.73013528	4.11991558	2.45356088	2.37368582
3.10893004	1.1971089	3.33216896	3.13613105	2.95577653	2.78236715	1.99508928
1.76610145	1.00E-04	1.01370635	1.42158553	1.10081674	0.94908439	1.15143995

4.65631743	4.94079618	5.71010017	5.26230671	5.20937314	4.18958862	4.64462323
1.01891692	3.91367373	4.49926158	3.92261196	4.10472593	1.00E-04	1.1752166
2.51681949	1.00E-04	2.3661184	2.29549996	1.98909699	2.63699167	2.27241482
3.44143229	3.58830408	3.24308234	3.21978211	3.39872973	3.37323102	3.4519207
1.86241253	1.8386469	2.79394581	2.12323304	2.69500243	1.70288663	0.92052278
3.93521242	2.70430411	3.69728878	3.51978874	3.53818069	3.88142144	3.8676109
5.30673443	4.64736189	4.64174885	4.93700776	5.12776038	4.30148297	4.34500662
1.95917252	1.00E-04	1.5723827	1.08454819	1.76578585	1.64061748	1.00E-04
3.4446508	0.87612072	2.47269505	2.52000885	2.87508495	1.61211528	2.44696362
2.66885409	1.56350948	2.39025929	2.15231462	2.00050239	2.22632318	1.67494987
2.69550507	1.18919506	2.86545969	3.30668657	3.05832735	1.33205051	1.91148725
1.38905543	1.00E-04	1.24830817	0.48143863	1.10706772	0.79958263	2.03710755
3.63621591	1.83030902	3.30307343	4.06837547	4.14918493	2.71945146	1.21210587
4.11372194	3.15340527	3.2311383	4.61433882	4.46387723	1.91797243	2.1750099
5.73099103	3.07893833	5.03044388	5.65302874	5.33355643	3.87327438	4.42902722
3.14331959	1.67660347	3.05796142	3.09908274	3.13866964	3.90832041	3.45967665
2.36530937	1.00E-04	1.19338667	1.41375893	1.67284279	1.88772767	1.23247471
5.39871333	4.88075762	5.51261473	5.33030553	5.36051572	5.02579661	5.27550093
2.39670512	3.06188125	3.24886168	3.0245262	3.19754966	4.34210051	4.14579451
1.85847044	1.15660655	1.80421705	1.22889825	2.36213313	1.00E-04	1.40393929
5.30405032	4.09411345	4.63829843	4.40637206	4.44606941	5.17985412	5.10685578
3.10215795	1.14583798	2.73867652	2.88870423	2.30083027	3.14521238	3.09525235
2.77815044	1.54508764	2.28795551	1.96402717	2.10615368	2.46996114	1.74495919
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.2044214	3.17967429	2.96226482	2.81508108	3.16190981	3.99394696	4.21105337
3.4117454	3.07777099	3.58522496	3.52716473	3.20229982	1.85576307	3.86503461
3.01891762	0.7902481	2.10456679	2.63433738	2.29696538	2.44967503	2.66058194
4.13134487	2.31410451	3.76610794	3.8487825	4.11800019	3.53345043	4.2807578
2.33959238	1.53010321	2.74367884	2.53975104	2.07036766	2.29964579	1.88906783
1.32927283	1.00E-04	1.72139936	2.72415575	0.82240855	1.51995646	0.7551454
3.23691366	1.00E-04	3.09022084	2.49124235	2.78797158	2.55689523	1.76534255
2.47611806	1.00E-04	1.89241242	2.06608668	2.84247541	1.5476792	1.44697464
3.14378349	1.65084067	2.64507957	2.77094487	2.60418175	2.00305312	1.41683597
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46029024	1.00E-04
5.24498239	1.00E-04	3.39107514	2.79795862	3.6231295	7.08496025	7.11776192
1.91847523	1.00E-04	1.09441702	1.00E-04	0.34534521	5.73327765	4.69414017
0.43804949	2.97740864	3.87054041	3.508094	3.44945313	1.00E-04	1.18273852
3.98661035	1.44608847	3.46316192	3.63043457	3.75420358	3.57095242	3.78620941
3.51016184	1.41755274	2.29682083	1.93172505	2.70761136	3.10721715	3.20151689
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.44953173	4.36957636	5.15846674	4.64026745	4.75981617	4.56712111	4.79415919
3.47669381	2.58434776	3.87669887	3.94581423	3.561633	4.15762837	4.52151844
2.7977982	1.09568947	2.88060199	3.35267573	3.49365078	1.34016661	2.3674936

4.35572753	1.2795411	2.85163506	3.60484824	3.59789265	3.95954859	3.6532
2.26093428	0.8339972	0.7809773	0.47119987	0.61979548	0.95102466	1.00E-04
3.34147107	3.69472099	2.94643908	2.81737138	3.50275828	3.46430253	1.60951861
1.1116221	1.23689606	1.84840506	1.24925736	1.58219602	1.09102431	0.40038755
2.60304335	2.78521944	2.31549081	2.90405498	2.53282467	2.69020217	2.65896786
0.93040647	1.00E-04	0.42998995	1.50031317	1.00E-04	1.00E-04	1.06680503
1.44690818	1.00E-04	1.47139173	0.50240582	0.78902038	0.86494787	0.7179807
1.59536455	2.45397764	3.98727128	3.38734904	3.6526012	1.00E-04	1.00E-04
1.00E-04	0.72877389	0.57815873	0.36343275	1.61981098	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15248859	1.00E-04	1.00E-04	1.00E-04
3.54171138	1.86933106	2.36019229	2.26864026	2.65020268	3.55072753	2.90224275
0.84528836	1.00E-04	0.86764568	0.92810237	1.18106235	1.98714138	0.56264051
5.34049992	2.72376863	3.80874716	3.35872305	3.7461191	4.96036543	4.70685756
3.42672816	1.00E-04	1.03787733	1.32799705	0.32830643	0.94543129	1.00E-04
3.09785153	2.09025044	3.49743628	3.48910854	3.47640465	3.21010293	3.16517239
2.76369329	2.53951704	3.09657203	3.6744957	3.73098566	1.82542782	2.24674069
3.02840873	2.10100502	3.22745006	3.56119721	3.87258093	2.5443649	3.21525074
0.7166498	1.00E-04	0.14644598	1.00E-04	1.00E-04	1.63825757	1.61742826
1.00E-04	1.00E-04	0.06423036	1.00E-04	1.00E-04	1.48634524	1.00E-04
4.42454077	3.37475841	4.67023825	4.95394568	4.89469545	3.39077554	3.73913379
4.09560323	2.17173916	3.87260313	3.41224552	4.1378143	4.19668851	3.78688457
3.04931663	2.88172155	3.74177828	3.6464484	3.53413257	2.44812494	3.38119774
1.93046737	1.00E-04	1.34335895	0.67471202	0.87517629	1.94028199	0.41275046
5.61387214	4.86488318	5.05007416	5.22766119	5.07105128	4.88025984	5.02939322
4.715238	4.61691986	4.38054625	4.44033786	4.4443182	4.03824051	4.02538206
0.40140317	0.74506998	1.43746071	2.38021724	1.98042521	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.81909792	3.21755498	3.56905178	4.12939541	4.41771717	3.55415806	3.59154912
4.26525821	2.60122979	3.89122138	3.69715189	3.84998313	4.4331263	4.65604392
2.21110639	4.54165977	5.15627337	4.74312346	4.88878145	1.96855278	2.357033
1.77031383	5.29419883	5.99619025	6.48987525	6.24688207	1.00E-04	1.00E-04
4.97944358	4.08689904	4.53191002	4.77175231	4.48128637	4.74058895	5.04752851
2.84458033	0.7902481	1.72348427	1.44668571	1.70864777	2.52284886	1.12396442
0.79493525	1.92611415	2.3776969	2.37863499	2.43444781	1.33356452	1.26435967
2.11484034	1.19749663	1.95053165	2.52670029	1.5969472	1.00E-04	1.66274839
1.85705105	0.87612072	2.31908961	1.84747638	1.75963092	0.96274275	1.00E-04
3.23394543	0.87456952	2.73245761	2.7107883	2.96576166	2.35723996	2.01942935
1.10669709	1.96706763	2.43350717	2.2927601	2.28482736	1.64077316	1.64326163
2.97994584	3.31085651	3.13600218	2.88513651	3.07367165	1.00E-04	2.23257339
3.73608139	2.07955483	2.82878104	3.00730397	3.13019377	4.94594835	4.37963951
7.49249007	5.25575403	6.10634623	7.20318005	7.05972075	6.89575818	6.56710891
2.5651228	1.00E-04	1.23557204	2.0478257	2.72913051	1.00E-04	1.62201743
1.67287325	1.17896398	2.32549908	2.43872078	2.35241601	1.0281643	1.52299739

5.17436839	4.51662679	5.50216331	5.1766928	5.20449571	5.25372281	5.52451165
5.38836295	3.93616128	4.437685	4.24601433	4.53557944	5.3957498	5.27491783
3.94748438	1.49425949	3.14146167	2.94642997	3.09633469	3.31693893	3.79708993
1.00E-04	0.71640521	1.4174694	1.29171833	0.66553425	1.00E-04	1.00E-04
0.28575302	1.00E-04	1.00E-04	0.13214734	1.00E-04	1.00E-04	1.00E-04
3.30543571	1.00E-04	2.82518726	2.9219555	2.88412444	2.76893845	2.61201148
2.82565001	1.00E-04	1.47179907	1.49914168	1.45755471	2.69961261	3.19868751
3.66853176	2.26850164	2.82832834	2.16157301	2.25259105	3.66819952	4.08133869
5.83951897	3.43790165	4.66587	4.33829274	3.84232041	4.47966778	4.66656713
3.69028071	5.08764639	5.88251227	5.52144799	5.55706565	2.9866806	3.07441734
2.98705523	1.36419637	2.94643257	2.52219158	2.3448834	2.23821558	3.15779344
5.20047648	1.00E-04	1.73581449	2.58638996	2.77204588	4.90498475	4.83664165
3.49418194	3.22642378	3.98572389	3.50146026	3.43546396	2.03381341	1.55021589
2.24031835	1.00E-04	0.27634297	0.9614613	1.14187957	2.10644817	2.58933602
3.16463075	1.00E-04	1.93678481	2.23765606	1.64385092	2.0705427	3.15793045
2.94112063	2.02978493	2.59123845	2.93320915	3.69251678	1.92076613	2.59788999
3.71974539	2.85390194	2.45286598	2.17342087	2.40854658	2.90015308	3.45727878
2.24831061	1.00E-04	2.6878201	2.2855248	1.76493614	1.00E-04	2.24989482
5.03166204	4.5215587	5.43340046	4.92967713	5.13925012	3.34755629	4.22998652
4.02413452	2.71936073	3.07491509	3.19288834	2.83840769	4.21292894	4.25323408
4.87977822	2.92833219	4.24086094	4.46629728	4.359717	4.11439463	4.42380369
3.28343706	1.78247563	1.91906959	1.43505654	1.97688283	2.67216089	2.78879699
4.58273822	3.99139839	4.04526955	3.26773868	3.74350519	4.09903395	4.57028928
3.07641011	3.08853764	3.44599637	3.29086392	3.54447969	2.30218543	3.03723568
3.53200105	2.81488249	2.85533315	3.52951717	3.34712273	1.50942608	1.2495936
4.84157118	3.64100909	4.72374185	4.34683118	4.51297444	5.07759193	5.22219817
3.75061219	1.84446289	2.97245857	2.25751921	2.75206271	4.06011808	3.27086743
3.1620574	2.59206379	3.34089236	3.50217983	3.35289738	3.73762929	3.9343034
3.69020641	1.58425721	2.89113865	2.54595261	2.32739424	3.20671354	3.29685929
3.63114146	2.69290693	2.51094781	1.99721365	2.86911789	3.22681436	2.92013264
3.31284091	3.79905936	3.35720343	4.08877795	3.73679656	1.9490859	2.89749995
3.42190417	1.70431419	3.06410473	3.35252996	3.94908303	1.55041967	2.38727809
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.60497582	1.26620235	3.06595015	3.83160712	3.30133067	2.80999691	2.92983866
4.27377921	2.39059378	4.1431821	4.65188417	4.77498514	2.30430849	2.72927533
3.45108725	1.19749663	1.95098643	2.73063221	2.56473124	2.44118695	2.45150868
2.87659963	1.84660062	1.98856135	2.48420642	1.74978875	2.96224631	2.93153636
5.00697356	4.14123127	4.24399303	3.85213166	4.10053854	4.71136368	4.90644359
5.05300182	4.58565562	5.13141533	4.61444082	4.44848288	5.6519846	5.60575318
1.00E-04	1.00E-04	0.06880281	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.00524439	1.83718887	3.41830627	2.59570049	3.03192791	4.1863341	3.7245076
4.12734494	3.4361046	4.52146556	5.12554307	5.00790406	3.17793932	3.66777355
1.19269608	0.68407235	1.64091174	1.40977637	1.35633285	1.00E-04	1.89182149

1.07072129	1.82293172	0.61953142	0.1285221	0.36029224	1.00E-04	1.00E-04
3.38593884	1.00E-04	0.69136374	0.1678475	1.00E-04	1.00E-04	1.7857371
0.06759249	1.00E-04	0.48194648	0.71224057	0.42511103	1.00E-04	1.00E-04
4.38562392	4.39103706	4.04149535	3.92531973	3.71324491	5.85256635	5.92306701
2.47705218	2.49852097	2.77118843	3.60167529	3.23578389	1.00E-04	1.00E-04
1.16440618	1.00E-04	0.77617743	0.58432026	2.26186415	1.590541	1.4352796
1.00E-04	1.00E-04	0.43834547	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65795363	0.72877389	3.06268117	3.30289138	2.91958704	2.02531713	0.81996147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.46584929	0.8339972	1.36795704	1.99512983	1.4939339	1.43432686	1.47469726
2.358952	2.24536296	2.9227805	3.00085932	1.9802002	1.00E-04	1.8546656
2.29035862	2.09814387	3.13059653	2.39748282	2.79435773	1.71240213	3.2802322
1.72637136	1.00E-04	1.38145165	2.40720335	0.8087706	3.48469325	2.57839588
0.88174149	1.00E-04	0.87363413	1.15889685	1.14462288	1.00E-04	1.4532772
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49727069	0.72877389	1.77495846	1.45512916	2.67465031	2.15166252	3.0697818
4.86422456	3.92076067	4.52520097	4.31152834	4.23234922	3.85570534	4.49811718
3.91057933	2.8348551	4.1343345	3.58956145	4.00313046	3.69546809	4.65218956
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95442866	2.96625963	3.98544219	3.35263099	2.7518434	2.46410065	2.13125941
0.93362327	1.00E-04	0.20820384	0.84797607	1.00E-04	1.00E-04	1.00E-04
2.06671516	4.09292236	5.11326102	4.10388897	4.15340786	1.00E-04	1.1752166
1.83358259	0.7902481	2.08260942	1.83770741	1.60565928	1.74633503	2.42409076
5.4158365	3.39760381	4.9082233	4.02425229	4.39032435	4.32751863	5.22049447
2.70879852	1.96788054	2.01358531	1.6041625	1.79678738	2.99353287	3.21245243
3.86600359	4.03069807	3.41562732	3.17281036	3.62241323	4.69495346	4.57737905
4.3899033	2.49966166	4.12125024	3.87580514	3.55994309	3.87643838	4.39166312
4.79536099	3.93104992	4.61759927	3.992244	4.17813927	4.97802625	4.90171568
3.78172604	2.48874132	3.3720918	3.37397108	3.4100508	3.86310797	3.27261423
3.4107813	2.60446255	3.35128582	3.77292616	3.92140363	3.13005103	3.19746313
1.00E-04	2.17814897	3.20640044	2.36465365	2.26635675	1.00E-04	1.00E-04
1.46320665	1.00E-04	2.38790675	0.47806205	1.22179035	2.14068741	1.48225503
1.97452169	2.65115253	2.07591069	1.7374021	1.71253362	1.00E-04	1.32568218
1.14728792	1.1166062	0.76258522	0.77659943	0.96738324	2.60722791	1.57141492
4.78845897	4.07119132	4.604529	4.06960705	4.29295559	5.04559856	5.26088016
2.82116239	1.00E-04	1.26063462	0.90326985	1.38499785	1.27963829	1.01208735
1.10524026	0.71640521	1.13988619	0.98284466	1.79072861	1.00E-04	1.00E-04
2.6581354	2.60650932	3.60975978	2.99656476	3.64889151	1.65219035	2.39442715
4.04279528	3.7040601	4.94305108	4.72656529	4.64994003	3.76289112	3.8726596
4.79860698	3.06143028	4.60639584	4.23789198	4.69095491	4.05530356	4.15703746
3.91587518	3.0361697	3.41976726	2.97533809	3.07206256	3.60002634	3.79485829
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51768209	1.6955883	2.83881181	2.7614085	2.85748738	1.85329513	1.93441774

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.58374445	4.31366622	5.34621442	4.85170524	4.96825572	4.8317305	4.71904192
1.22456947	0.72877389	1.61748103	2.25650511	2.73844406	1.00E-04	1.00E-04
1.63271813	1.59076705	0.27967134	0.35518894	0.45106554	1.00E-04	1.00E-04
1.46795656	1.00E-04	1.84984265	2.37407662	2.62999067	1.93788108	0.98433666
3.90857814	2.27176462	3.94520461	3.28907648	3.23839657	3.5534098	4.6587059
0.81355372	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.23577349	2.01093835	2.70629175	2.70856581	2.66737796	3.10442892	3.49112255
1.00E-04	1.00E-04	1.00E-04	0.14361603	0.20281155	1.00E-04	1.00E-04
0.33516992	1.00E-04	0.14720745	1.4154738	0.81860514	1.00E-04	1.00E-04
2.601827	2.25485788	3.24169193	3.36171297	2.68801023	2.77948371	3.37261551
1.20621751	1.36324452	1.69558615	1.19002602	1.32394283	1.62445272	2.38787211
2.30864785	1.00E-04	0.21933881	1.10802762	0.43230499	1.00952146	0.72495184
2.48354648	1.00E-04	1.89906321	1.52618768	0.78219029	2.09631544	2.70384563
2.66558574	0.96847026	2.28306462	1.67405673	1.43569075	1.97382873	2.59136374
0.66992263	2.09290071	1.36629977	1.02598187	1.00305724	1.00E-04	1.00E-04
3.32547187	3.11067643	2.87779442	2.50982102	2.88251043	3.37122203	3.09229327
0.72715785	0.72877389	1.62888558	0.83374401	1.4132702	1.00E-04	1.26691255
0.80648847	1.00E-04	0.26995334	0.36680957	0.37157751	1.00E-04	1.50587839
1.28170852	1.15872716	2.75784251	1.71621374	2.05438051	1.00E-04	0.56264051
0.48706281	1.00E-04	0.60160724	0.14643558	0.24792299	1.00E-04	1.00E-04
1.02854228	1.00E-04	0.34947488	0.24824665	0.39474126	1.00E-04	1.00E-04
0.45172463	1.00E-04	0.10334576	0.23456223	1.00E-04	1.00E-04	1.00E-04
0.11225174	1.79448668	1.36297705	1.43236018	0.67110158	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07062097	2.62325563	3.19195742	2.9083966	3.03393449	3.0224584	3.57460134
0.78692115	1.00E-04	0.38714132	0.13013465	0.58230948	1.61211528	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.20328786	4.57659211	4.99264252	4.49191435	4.61467456	5.09829415	5.06739474
4.0033934	3.43404125	3.67401069	3.82214299	4.01398841	3.11224112	3.77024528
1.69008002	2.32270795	2.99798209	3.12965501	3.12799343	2.07993844	2.54204114
4.27652247	4.07521241	4.84621222	4.68012159	4.62050355	4.14978808	3.9812965
5.45779662	4.92388128	5.35735125	4.96458064	4.83847179	5.47036357	5.43959911
0.61016866	1.00E-04	0.39198075	0.26915428	1.68072115	1.00E-04	1.00E-04
3.90548361	2.08785687	3.66237976	3.29756843	3.67320359	3.9854387	4.17428489
1.81153186	0.96847026	2.68316546	1.76658846	2.21271313	1.00E-04	0.90668034
0.93913425	1.8962332	3.37333228	3.45605635	3.09457548	1.00E-04	1.97729594
5.36560374	3.56281122	4.39947119	5.11078618	5.04003872	4.17029506	4.22705078
3.30582401	2.76397104	3.79804538	3.15398592	3.34181759	2.59583872	2.4332754
3.32384262	1.73757752	2.67143555	3.00309799	2.30598063	3.41473896	3.20730611
2.7848164	1.5162728	2.30809628	2.13310941	2.68855532	0.96326844	2.76521713
2.00344554	1.98272647	2.16925122	2.66578251	2.43439478	0.78141142	1.00E-04

3.91961906	3.12902274	2.66831065	3.14485307	2.87307737	3.66864184	3.74992696
3.53053671	1.64812983	3.4069974	3.64161944	3.59278862	2.59977468	2.84051208
3.10122262	1.14583798	2.45389857	2.06058924	2.90334916	2.28623294	3.54988219
4.35167737	2.97652029	3.79766196	4.75753517	4.40828557	2.86768245	2.16282826
1.9501564	0.74506998	1.06938762	2.19217697	0.73615601	1.0790544	2.11410459
3.28803536	1.5700598	3.18574647	2.93147819	2.88784272	2.98655909	2.56741845
3.82124108	2.84872627	4.02168783	3.73479489	3.76711887	3.3491364	3.32579318
2.82417049	0.68407235	1.63555754	2.13987744	1.8819929	1.65174989	1.9638602
2.49732868	1.56295087	2.10290607	2.55551078	2.19693896	2.96682264	1.73450808
2.64063486	1.72740692	2.57609286	2.22913167	2.49636314	2.85193152	3.27469033
1.90545961	1.2596863	1.93293345	1.97306252	2.15569251	1.00E-04	1.78728123
2.88386909	2.2179158	3.14960405	3.33626231	2.48236623	2.76037949	2.61427264
1.59443688	1.00E-04	2.02352107	2.15396508	1.70913192	2.21917684	1.50363461
3.32203782	1.45207003	2.38152808	2.10052174	2.07883518	3.47911952	3.28315474
0.50258216	4.75057606	5.3970229	4.70378011	4.88127183	1.00E-04	1.39686577
3.42788824	3.1572278	3.07436796	2.31360629	3.35459963	3.58360615	4.06943273
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06718044	1.00E-04	1.00E-04	1.00E-04	0.10294237	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44445657	1.00E-04	0.08695588	0.33712066	1.00E-04	1.00E-04	1.00E-04
0.49326215	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.27245951	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16936272	1.00E-04	0.09704178	1.00E-04	1.00E-04
0.29412275	1.00E-04	0.08765397	1.00E-04	0.13718086	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07348386	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55754819	1.00E-04	0.50142657	0.51677939	0.40184633	1.66181256	1.00E-04
0.36611105	1.00E-04	1.00E-04	0.08557886	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.82379394	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11078928	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0746918	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.16341974	1.00E-04	0.09704178	1.00E-04	1.00E-04
0.33385759	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44583286	1.00E-04	0.07525628	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88633383	1.00E-04	0.38105135	0.22431751	0.11344173	1.00E-04	1.00E-04
0.37309619	1.00E-04	0.17292121	1.41737119	0.14410425	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24522927	1.00E-04	0.25475932	0.18922588	1.00E-04	1.0281643	1.00E-04
0.31943806	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12204958	1.00E-04	1.00E-04	1.00E-04
0.55003931	1.00E-04	0.0575112	0.55804222	0.69229826	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.09749395	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14442053	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.0779111	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98895539	1.00E-04	0.54352991	0.61512507	0.72314667	1.43054211	1.35925005
0.59891607	1.00E-04	0.10137643	0.1053363	1.00E-04	1.00E-04	1.24011905
0.19082602	0.72877389	0.33453648	1.00E-04	0.13536061	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.0903597	1.00E-04	0.12399833	0.33939038	0.89667364	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.24568044	0.11095817	0.23378269	1.00E-04	1.00E-04
0.98351215	1.00E-04	0.21781863	0.29215932	0.10372144	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.05374442	1.00E-04	0.23961949	0.29441446	0.35157191	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53095861	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12378993	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12469637	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1141687	1.00E-04	1.00E-04	1.00E-04
1.16151859	1.00E-04	0.77136614	0.4789185	1.00E-04	1.44286217	1.31799764
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.23116697	0.09296692	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15392957	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.1141687	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13992338	1.00E-04	1.00E-04
0.29907831	1.00E-04	1.00E-04	1.00E-04	0.15507585	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14163853	1.00E-04	0.48671447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17241709	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06586442	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4697418	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21404561	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10399487	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09768721	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.12636275	1.00E-04	1.00E-04	0.15630471	0.35186156	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1671021	1.00E-04	1.00E-04	0.25205247	1.86334234	1.43054211	0.99227054
1.00E-04	1.00E-04	1.00E-04	0.08021281	1.00E-04	0.71661629	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.13973645	0.81986978	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11779102	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.09176315	1.00E-04	0.10423273	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.12595457	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.40542505	0.42289279	0.19089153	1.00E-04	1.00E-04
0.62192827	1.00E-04	1.00E-04	1.00E-04	0.15653713	0.74564767	1.00E-04
0.9528786	1.00E-04	1.17873579	0.18445025	0.09550581	0.79958263	0.54053641
1.00E-04	1.00E-04	0.10372768	1.00E-04	1.00E-04	0.86494787	1.00E-04
1.00E-04	1.00E-04	0.09618263	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02757627	0.68407235	0.46419287	0.15450124	0.12748672	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34296333	1.00E-04	0.19592806	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.07577735	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.77908137	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21051935	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07593463	0.10426514	1.00E-04	1.00E-04	1.00E-04
0.4313084	1.00E-04	0.11195561	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.28766362	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94543129	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17164278	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.18007446	0.26889124	0.28806383	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10212818	0.0824918	0.24705339	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.47065192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.17241709	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.5376563	2.79476807	3.76482433	3.86954512	4.06182045	3.52051837	2.87859183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.1529265	1.00E-04	1.00E-04	1.51042251	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.31887481	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18403988	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.22009889	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.06796023	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.14442053	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.39179873	0.7902481	2.06873877	2.6320754	2.20647397	3.22260698	3.15225716
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93508384	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.52488055	2.52647985	3.2179991	2.88413921	3.34158364	3.92029942	3.3739966
2.65027945	1.00E-04	1.0327026	1.00E-04	1.00E-04	1.13698109	1.00E-04
0.31460011	1.00E-04	1.00E-04	0.09740575	0.09814195	1.00E-04	1.00E-04
4.74985047	3.12990374	4.30706801	4.06616303	4.23656772	4.98200014	5.31822447
0.43201826	1.00E-04	0.8181469	0.08557886	1.00E-04	1.00E-04	1.20768609
0.20129929	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58396459	1.00E-04	2.41430252	1.52891458	2.43218831	0.79958263	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08021281	1.00E-04	1.00E-04	1.00E-04
1.73941158	1.00E-04	0.84923746	0.5519377	0.59194746	1.00E-04	1.5344211
1.98734536	1.82293172	2.15724522	2.08799717	2.55885327	0.9513318	2.45602898
0.68318854	2.87958289	2.2424266	1.59784731	1.41602034	0.84497321	1.72668423
1.03963843	1.28232395	2.35894053	1.77956652	2.21380557	1.11481773	1.00E-04
1.00E-04	1.00E-04	0.11897115	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91522294	1.73155995	2.98508233	2.81978371	3.40567662	1.60477526	2.35007534
5.53054963	3.73859603	4.69271021	4.38748803	4.47618804	5.69514573	5.90581852
1.00E-04	1.00E-04	0.33762098	0.29962393	1.00E-04	2.05947059	1.00E-04
5.54712503	4.61055844	5.38238997	5.13689317	5.18363347	6.11405101	5.94214948
1.90507401	1.23689606	2.19760355	2.25108384	1.71522992	1.00E-04	0.40038755
1.4896056	1.00E-04	0.9224237	1.01894582	1.28292049	2.05548327	1.00E-04

4.43356096	4.00697997	3.28418687	3.90307764	4.01846969	4.4858305	4.07684874
1.60887433	1.00E-04	1.00E-04	1.00E-04	0.11779102	1.00E-04	1.00E-04
1.26989366	3.83182515	4.57432199	4.24663904	3.93055061	1.00E-04	1.91608752
0.29585631	1.28352536	0.62778693	0.31184535	0.79746787	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07159432	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.62677324	3.38103052	4.02583105	3.81779216	3.69100418	4.48354133	4.8771647
2.46591213	1.4339196	2.51798977	1.81272953	1.88269437	1.3021842	1.85103437
2.19333442	1.19051366	2.52873501	2.21928608	2.29585795	2.88941364	2.76262138
0.98168052	1.00E-04	1.45175212	1.59867364	2.04063123	1.47904914	0.99227054
1.35064978	1.00E-04	2.42821209	1.58357496	1.6505124	0.89799762	1.5344211
3.08424227	2.19537859	3.05096981	2.95080089	2.40100838	3.18337967	3.56586076
3.14904615	1.28518064	3.05757967	3.24638284	3.44127102	2.76048238	3.04992219
5.0916468	4.59850274	5.46287571	5.20637844	5.28519379	4.97157088	5.07498131
4.56477494	3.65779981	4.69525418	4.1273668	4.47636911	4.78600615	4.80479679
4.72033518	2.65475605	3.65201391	4.37684108	3.93191054	4.88096362	4.90535044
3.58680705	1.42576965	2.3423627	2.56662235	3.09800184	3.19786429	3.53114154
1.92387863	0.92068596	1.64851204	1.91683346	1.99950491	2.18971163	2.00853686
3.23932601	4.54674318	4.52343191	3.83292531	4.03011	4.28121147	4.22995741
2.97413462	1.52537208	2.93551193	3.70810462	3.37297096	2.17094421	2.14454306
3.6473579	1.13651828	2.94012993	2.92773516	2.58816329	3.37747839	4.09593861
2.83742333	0.68407235	2.84635722	2.95179097	3.06846972	2.53544546	3.27443707
4.46504954	4.19616958	3.72594647	3.85951639	3.90950941	4.53630366	4.74312654
3.71803624	4.45039111	5.35401508	5.00759718	4.95065361	4.40751051	3.74069319
0.97378419	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33711175	1.00E-04	0.34524368	0.08823908	0.29245424	1.00E-04	1.00E-04
0.44929532	1.00E-04	0.89592079	0.98605694	0.99670859	1.00E-04	1.64376323
2.94276171	2.77267093	4.16599307	3.36156784	3.23139728	3.99215137	3.67597974
2.42844413	3.46138331	3.93875317	4.11791962	4.37299622	1.28787782	1.00E-04
1.00E-04	1.00E-04	0.38552518	0.26983518	0.52281526	1.00E-04	1.27747878
0.69024829	0.8358776	1.36359074	0.56060606	1.12404815	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.12415932	2.17622558	1.41277682	1.00E-04	1.00E-04
0.06759249	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.25226465	1.38902216	2.91936468	2.87781913	3.24863403	2.00943818	3.19120611
2.62678842	3.12286242	2.9285427	2.87009347	2.33036306	4.63177253	3.44146967
3.62359377	1.76078107	3.00415862	3.10180733	3.44476413	3.71403587	3.17377845
0.38385694	2.75435378	4.29351295	4.0967525	4.09024919	1.00E-04	1.00E-04
1.83307714	5.32739605	6.45615828	6.76842679	6.59292191	1.00E-04	2.63195876
0.33343564	1.00E-04	0.3166321	1.00E-04	0.23064019	1.00E-04	1.00E-04
0.26858016	1.00E-04	2.0850671	1.65416549	2.03230812	1.00E-04	1.00E-04
0.86245128	3.05581871	4.9644363	4.54569689	4.59068565	1.23897179	1.00E-04
2.8561917	2.31944612	3.4756294	3.61069509	3.48929021	2.50142587	2.22538029
3.78336918	3.28944779	4.79573605	4.45893904	4.29398106	4.2308038	4.0885241
1.3411642	1.70929608	2.95211737	2.33056252	2.43212328	0.62567961	2.11294471

0.34948596	1.00E-04	0.15620076	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54235504	1.00E-04	1.76476123	1.74537663	1.59093043	2.35179338	2.01454273
2.56730767	1.2795411	0.49063768	0.33177294	1.01174877	0.62567961	1.00E-04
0.61119207	3.47105373	4.70821388	5.07324318	4.73199095	1.00E-04	0.9583037
0.40038904	3.78239619	5.02304716	4.98587317	4.83840204	3.39678172	2.8999252
4.31759033	4.8916438	5.01229528	5.13239709	4.95467976	2.79173426	2.98659049
3.26414885	0.8358776	2.84801062	3.31813261	2.86359195	2.65990367	1.83370206
1.52300021	1.00E-04	0.2304724	0.36550705	1.25035141	3.27857671	1.94214091
4.31291129	0.74506998	1.33926894	0.4313849	1.4451139	1.38337121	0.81245127
2.46970003	1.2795411	1.66372546	3.01328392	2.56429599	1.91673291	1.69829777
4.11268603	1.71249389	1.38639577	1.77095173	1.10750897	4.62118885	4.84165434
1.14222674	3.89047128	4.84024414	5.40387128	5.21800267	1.00E-04	2.29853266
0.3293563	1.53431803	0.09148407	1.00E-04	0.09863458	1.00E-04	1.00E-04
1.00E-04	2.34425714	2.45604718	2.3867976	2.59925528	1.00E-04	1.00E-04
1.19986296	1.00E-04	1.82279356	1.06069311	0.95041111	1.36029751	1.48223447
4.94008612	3.98392032	4.74368582	5.59788813	5.45519293	3.41940529	3.98139102
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.06635096	3.15102906	3.36112014	3.19410629	3.30273304	3.14184444	3.3709708
3.9286217	3.15948954	3.73093866	3.67534799	4.25661497	3.46283804	3.31449464
3.069767	1.28246279	2.37642145	1.47260933	2.67209292	3.17673471	3.28713126
2.52287158	2.66068402	3.47184989	2.934238	2.93928211	3.04510892	2.84002637
3.46508284	3.54815542	3.41196428	2.81267927	3.14881942	2.43224116	3.43316134
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.68137886	1.89266987	2.72601479	2.0937425	2.29057062	2.52441337	2.72926282
2.63241452	1.12769243	2.13400201	2.35535537	2.64260252	1.955036	2.33405718
2.80863589	3.1718483	2.7283875	2.64539234	2.92948595	1.00E-04	1.59324281
2.81462338	1.00E-04	2.43041967	2.94982143	1.96865433	2.34433905	2.10711511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.08009723	0.19143586	1.00E-04	0.62168103
1.23256198	0.68407235	1.58579547	1.80855873	0.93572253	1.69963653	1.00E-04
0.19507903	0.72877389	0.21232581	0.23196107	0.12343101	0.72869785	1.00E-04
1.35291679	4.11466334	4.58013273	5.2967888	5.03372019	1.00E-04	1.00E-04
2.54220614	2.08591964	2.86066313	3.92142452	3.48680019	2.90916136	2.23370367
0.88901574	1.53151021	3.03031442	4.07055531	3.60711919	1.00E-04	1.00E-04
2.47831668	2.49903642	2.34044177	2.46774958	2.61240099	3.13424236	3.03813827
3.45699784	1.00E-04	1.69774971	1.45801256	2.04538541	3.43530751	2.23627536
0.06336707	1.00E-04	0.39804404	0.09749395	1.40366104	0.97058651	1.00E-04
4.520105	4.66076725	5.45873639	4.9619467	5.0129877	4.18925351	4.67179876
3.80387905	1.73555438	3.4965851	3.4569407	3.74070915	3.78257586	3.78873025
2.80324133	3.51599521	4.18566966	3.92903871	3.99439636	3.24973918	3.0751776
4.75067977	3.63254244	3.78423441	3.41368131	3.46422985	4.8682911	4.99450237
4.25332086	2.54218635	3.61580212	3.42587576	3.56719788	4.28689063	4.3751226
0.33764402	3.46691974	4.60093394	4.55727047	4.42734113	1.00E-04	1.70416597

5.2464828	3.8310976	4.68239416	3.94980215	4.20718707	5.47672982	5.51727136
4.53558252	2.90403863	3.82413064	3.67609498	3.65145097	4.41467401	4.74445404
2.99707562	3.89267036	4.9508917	4.57201342	4.50949162	2.62810908	2.47104203
2.72650992	2.10090198	2.87559227	2.33660905	2.71081467	2.31831872	3.22015171
0.13092345	1.00E-04	1.93550207	0.75074777	1.06076501	0.82693741	0.41275046
1.86666297	1.61122711	2.67636666	2.73000053	2.23426264	1.88830274	1.24987884
2.73819575	2.992908	4.58808799	3.91849776	4.03559736	1.82746149	2.09310659
3.58767997	1.00E-04	0.60807882	0.19897058	1.00E-04	1.66484234	1.65963192
1.20255008	4.03756671	5.03696897	5.12048104	5.10201969	1.00E-04	2.71982192
1.22329487	4.2515827	5.14422686	4.49939002	4.63486091	1.00E-04	0.35134699
4.20434473	2.15956824	3.73253228	3.17463724	3.34025749	4.54391894	4.73384177
2.92425124	1.13651828	3.48189556	2.86448838	3.32987702	5.17765411	5.03919312
0.73473271	5.12016558	6.12575861	5.33943026	5.44159174	0.81859263	1.99960908
4.13544996	3.99864634	4.53753277	4.59420702	4.8346786	4.55132827	4.70455596
1.40976328	1.17148784	3.42302736	3.53082288	4.27328783	1.11641065	1.00E-04
0.66099286	2.50648596	3.20872431	3.1398319	3.88928638	1.00E-04	1.51619488
3.32087312	0.79637057	2.0465844	1.33826999	1.85997743	3.05256181	2.8548397
3.39401614	1.73276225	2.85268283	3.36933769	3.63931134	3.20268397	3.17063627
3.57524954	3.90615689	3.35816847	2.90068752	3.27122227	3.8690907	3.85721572
1.00E-04	4.21035324	5.18984044	4.44599658	4.14847133	1.00E-04	1.00E-04
0.82837731	1.00E-04	2.1267196	2.63103314	2.47501435	1.00E-04	1.31520537
4.55264438	3.65418119	4.16678584	3.86642984	4.01409591	4.48321783	4.57473783
2.78465811	1.15660655	2.32249184	2.7282087	2.12196742	3.43375041	3.07492076
1.57321897	3.02659565	3.68273109	3.29101496	3.36709123	1.00E-04	1.5595514
3.41356953	4.05712793	4.97552992	4.60873625	4.81139424	5.14162824	5.18903187
5.58366382	4.53826959	4.87128818	4.46242708	4.52952671	6.22229367	6.55108634
2.29139385	1.52557294	1.85333687	2.4292145	1.53345826	2.71926578	3.10543121
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1.00E-04	5.14801593	5.41070161	4.79736409	4.46870257	1.00E-04	1.00E-04
4.95975963	4.11906261	4.36196565	3.87397058	4.10996861	5.04924955	5.07282798
3.27497485	4.28036903	4.33422953	4.08247148	4.0418734	4.07071175	2.84025888
1.68175	3.81009783	4.32010151	3.89257015	3.89652338	0.94543129	1.34616489
1.00E-04	3.47034597	3.91271721	3.60568305	3.33292188	1.00E-04	1.00E-04
0.5416046	1.00E-04	0.23914572	0.92582097	0.72645299	1.00E-04	1.00E-04
2.59554935	1.00E-04	1.33525093	2.21851137	1.73734077	2.17233844	2.52160172
4.61227393	3.38180008	3.92800175	3.92251651	3.78612532	4.28897601	4.16278084
2.44879702	3.91560357	1.56348169	1.46833228	1.76688277	2.35474564	1.10155899
3.25183901	2.07341059	3.01455292	2.64336794	2.52703439	3.84713585	3.49999786
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2.10285393	1.00E-04	1.81280774	0.39624717	1.14721136	0.46029024	1.00E-04
2.66085433	1.28532547	2.70329869	2.5982837	2.90802585	2.71119828	2.96702973
2.01820759	2.61928107	3.16773712	3.38592681	3.0450785	1.00E-04	1.58956029
1.6691284	4.07266955	4.41723079	4.47682263	4.71252906	3.10688391	2.89028764

3.08719758	3.25507676	3.78524998	3.08592965	3.10436972	3.55814348	3.72367213
1.99139745	1.00E-04	2.69858264	3.30538035	3.29592786	0.86494787	1.54018993
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.57100265	2.88132075	3.63942526	3.35406274	3.5810421	2.85782568	3.65399235
2.1269553	1.79094184	3.43134277	3.09458824	3.19868293	2.11726039	3.30094691
4.39041612	4.87559419	5.96268048	5.09404167	5.04223669	4.57177554	4.57614837
0.94192247	2.83134568	3.85762985	3.14858643	3.04147151	1.00E-04	1.36656933
1.00E-04	3.69641109	4.65767547	4.19130662	4.13233151	3.46078622	2.10031308
1.00E-04	1.00E-04	0.08746931	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53264784	3.29225521	4.75235793	4.34339622	4.64067817	1.00E-04	1.00E-04
2.05564365	1.16726039	1.55560687	0.82199148	0.18474406	0.72869785	1.94572756
1.00E-04	1.00E-04	0.55728803	0.64315111	0.40418532	1.00E-04	1.09526552
1.64744641	1.00E-04	1.46817909	0.91578683	0.75976766	1.92817493	1.39854939
0.09031792	1.00E-04	1.95064001	1.12924934	1.31896319	1.00E-04	1.00E-04
1.19441286	1.00E-04	1.4484527	1.45562249	2.62452313	1.97733411	2.53055593
1.79426264	1.74592872	2.27634463	2.12678136	2.67379762	2.2915663	2.17726211
0.97225713	4.35727354	4.24509168	4.03162536	3.83842513	3.20020576	2.37371854
3.36096775	5.12378259	6.07387765	6.68287662	6.82911711	2.71346797	3.56722057
4.81958066	4.79050567	5.40389644	6.07324179	6.20255097	4.08649257	3.84978473
0.0746918	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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0.79380667	1.00E-04	0.31649916	1.00E-04	0.11711669	0.81261445	1.25654185
4.25083951	2.2334265	3.60770451	4.24057001	4.63644191	2.54602317	3.66226838
1.39012681	1.00E-04	1.78381487	0.70978789	0.5165784	1.00E-04	1.00E-04
1.19527993	1.00E-04	1.00E-04	1.00E-04	0.16358717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.29061878	5.0473756	5.74517175	6.47120621	6.31261302	3.60540087	2.6960316
3.89875648	3.28199381	2.88501596	3.65344665	3.75025919	0.94543129	2.45558373
2.63995585	1.37137101	2.12005538	2.5767943	2.58394408	2.37066258	2.50274431
1.7870417	0.74506998	2.23309804	1.69849933	2.12735164	1.0577075	2.0955823
2.35443998	1.00E-04	1.88232296	2.6594991	2.4642753	2.28516301	2.13519296
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3.90476781	2.07890651	3.6149468	3.25212314	3.10003776	3.97229426	4.19422704
2.88438953	1.00E-04	2.88584674	2.17991099	2.33812914	2.32805369	3.3740288
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2.19560411	1.33582455	2.72373183	2.27897647	2.50975801	3.35191009	2.4523995
3.89669626	2.35240142	3.41989857	4.07208437	4.27482945	3.10170683	2.79672185
2.29216009	3.79477132	3.79906974	3.35269018	2.70738009	1.40366337	1.57039955
1.00E-04	1.00E-04	0.09849679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37980878	3.26411541	1.49384705	2.13276868	2.45228931	1.00E-04	1.00E-04
2.76094153	3.4702051	4.03723033	3.7769852	3.59782583	1.00E-04	1.70497515
5.71910287	3.66290075	5.07872745	4.86865077	5.02785465	5.14042933	5.65608308
0.34266806	1.00E-04	0.94902203	1.8070425	1.21568803	1.11641065	1.00E-04

2.61778792	2.08208681	3.1465148	3.22624821	3.28847032	1.91211797	1.13726808
2.28935742	4.31114175	5.01686328	4.83161975	4.63704057	3.39259665	2.50377183
1.86773055	0.96847026	2.18140189	1.51919196	1.84820718	1.62559221	1.2940548
5.79616654	4.1501326	5.20576027	4.60850269	4.50333538	5.72474327	5.76036249
5.19494472	3.23851447	4.28900818	4.30446298	4.31753451	4.96429663	5.28384966
1.24889127	1.00E-04	0.12677303	0.13125573	1.00E-04	1.90364374	1.00E-04
4.34007182	2.20869533	4.01913507	3.54279415	3.37630164	4.01925573	4.26279256
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83873894	1.00E-04
0.68134474	1.00E-04	0.89246624	1.06155567	1.01735472	1.00E-04	1.00E-04
3.06048264	1.42576965	2.40904145	2.63681694	2.84731304	1.83736562	2.22262795
2.24228989	1.49236006	1.43859271	1.49496871	1.00994583	2.12184206	2.13775998
2.62267426	1.00E-04	2.57049132	2.78243807	2.46740386	1.54481655	2.42127643
1.43792897	1.00E-04	1.10600817	1.54933361	1.75673367	5.91309753	6.02960612
3.64442794	1.81618983	3.28894805	3.17215613	3.67082352	3.62024124	3.18400387
1.95406586	1.28620973	0.5965553	1.3424941	1.30872728	1.00E-04	1.00E-04
4.06414035	3.66678724	3.71696016	3.27026516	3.62622964	4.27796714	4.80826051
5.90212438	4.99557265	5.82633005	6.79324101	6.63561223	4.21567006	4.22051385
3.79602597	2.20683933	3.12813957	3.90353187	3.48070227	2.83273782	2.02105605
4.34522221	4.34174678	3.83828965	3.53095006	3.82223562	4.04059781	4.69231407
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3.44220945	1.19880434	3.15466654	3.31490787	2.83405926	3.81319394	3.62320668
3.41826159	1.87909602	3.04031375	3.32808071	3.23313073	3.03767244	3.32610784
3.16797955	3.10781068	2.48829372	3.46212205	3.46119041	1.60007999	1.55377918
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16978193	1.00E-04	1.00E-04
3.00046476	1.00E-04	1.97219034	1.83824572	2.3281095	1.7657138	3.18775607
0.85706698	1.00E-04	0.66871888	0.38633368	1.14973234	1.00E-04	1.00E-04
2.88966551	1.21780923	2.99842627	3.67375391	3.30781767	2.49853238	2.87871532
5.64101746	4.72108062	5.79894807	5.94261553	5.86537697	5.80712037	5.9420649
4.1657128	3.08150889	3.73213777	4.32871109	4.0369327	3.44359274	4.30260612
4.1457898	2.77932508	3.53031579	4.55422958	4.32474524	3.80459608	3.95605083
2.98777581	2.94861171	3.60671403	3.51368917	3.19512251	2.27947677	2.64825231
4.06094984	4.67713078	5.03550798	4.92471178	4.76353344	4.06688376	3.89227762
2.7362562	2.05956748	2.7779741	2.80057821	3.16509557	3.36585039	3.15904993
0.19207974	1.08649412	2.68823378	2.35897907	1.882926	2.9213103	1.00E-04
3.54156889	2.02977843	3.07832259	3.22375664	3.53011328	3.15478176	3.1724767
1.36951097	0.72877389	1.54967875	1.38232787	1.91670657	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07268679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.10334576	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.15244823	3.67524533	4.00647512	5.32752856	4.99324675	4.14248853	4.10509372
1.47943817	0.8339972	2.12947992	1.87468438	2.02899021	2.15078032	1.06788364
2.67984159	0.79637057	2.42703772	2.39969738	2.30024962	1.53414801	2.50889896
3.58814366	2.00016801	2.70105244	2.44171308	2.42504086	3.02235752	2.99435568

5.00494915	3.14340459	4.51909856	4.75643695	4.6519006	4.48259071	4.77331142
0.3329013	1.00E-04	0.21799221	0.20939759	0.31032645	1.00E-04	1.00E-04
3.64301461	2.46934251	3.28669245	3.12918837	3.19475002	3.39747004	3.29962587
4.86948525	3.13384452	4.5497308	4.51195959	4.30933855	4.56968054	4.90390947
0.5542108	4.05727064	4.68458429	4.3770926	4.43663626	1.00E-04	1.00E-04
2.94888723	2.87074602	3.49538846	3.95786084	3.66879872	2.21780969	2.60669681
1.99889119	1.00E-04	1.26665355	1.21810542	1.9792302	1.00E-04	1.00E-04
3.63031877	2.49614516	3.5300517	3.79416197	3.78782529	3.02155799	3.69740644
4.26458054	2.9819802	3.62176681	3.3656436	3.63774909	4.00059158	4.32170831
4.39511111	1.87372757	3.54478091	3.46009231	3.31186309	4.12600401	3.92599814
3.23567622	2.01729991	3.47724306	3.14840245	3.06274747	2.68139137	3.35920949
7.28189669	4.36822188	5.64888738	6.70476158	6.59432836	5.75300587	5.35795549
4.51187778	2.91446653	4.01512198	3.69914366	3.58573305	4.24315224	4.80388649
3.34360326	0.69779233	2.60588715	2.50855238	2.49775355	2.76054544	2.54132875
2.79045463	2.85988236	3.85087601	3.73917846	4.16435321	3.15664447	2.40810313
5.40201683	3.99437383	4.87725337	4.31142983	4.55104949	6.08127283	6.17026021
1.80876019	0.8339972	2.46482351	2.39748767	2.8160022	0.95102466	2.83774684
4.17614187	3.65436681	3.46173911	4.13507061	3.99536883	3.65148993	3.85519342
4.50245749	3.49569458	4.44332665	3.65896667	4.20070531	4.43955258	4.81340493
1.70511958	1.00E-04	0.25172058	0.42264801	0.35173994	1.59297373	2.00000181
4.73056426	3.81533992	4.58018131	4.27450838	4.36016506	4.91898343	5.00893352
4.30641691	3.85306463	3.90789905	3.89419516	3.43741279	3.81385819	4.05446924
1.52693114	0.68407235	1.68513517	1.57182066	1.38989424	4.06665672	4.50533338
3.7313008	3.85103668	4.05037344	4.04236056	4.53902263	6.39875283	6.2030273
6.26353719	5.263345	6.35663577	7.03965245	6.82568528	4.63948619	4.9752154
5.90734808	5.31363505	6.35083191	6.72004695	6.46361876	5.13057015	5.40953527
0.43793871	1.00E-04	0.44069607	0.09142772	1.00E-04	1.00E-04	1.00E-04
3.49774774	3.20470477	3.47669957	4.03009381	3.4608146	3.106426	2.79068693
4.90936342	3.4820423	4.75629873	4.84590126	4.53324755	4.54819399	4.78872938
1.00E-04	1.00E-04	0.13881648	1.00E-04	0.20904676	1.00E-04	1.00E-04
3.30038038	3.72733717	3.49106898	3.63653921	3.28023721	2.03902977	3.3421729
5.67208714	4.10723905	4.55081245	4.52832569	4.82501192	5.4864032	5.71702357
5.65301165	4.7662981	5.44760024	5.59395639	5.50487929	5.43736181	5.48768582
3.19672208	1.12553	2.908232	2.91335489	3.34385877	3.37904445	2.90970766
4.83101788	4.53135182	3.9275013	3.76390374	3.78332469	4.95986552	4.65416944
5.76615515	5.25504558	5.5145607	5.08667187	5.05691645	5.09061309	4.82629683
3.68746773	3.87939392	3.45416005	3.49040119	2.88566114	4.44153226	3.85230974
3.76239123	3.12072029	4.01879093	3.77237683	3.89643143	4.75066047	3.99970352
5.02652038	4.2258564	4.71946302	4.23358995	4.46409784	5.26549998	5.37343888
4.16207138	3.50318225	3.49816477	3.08302773	3.99890911	3.96361731	4.31213928
5.52333512	4.68085478	5.59433888	5.17345425	5.25855085	5.25555132	5.82053347
4.85301481	1.70872895	3.62654875	3.991515	3.5645093	4.14123622	4.36171191
4.83541286	1.43063249	3.31596317	3.36607992	3.57690232	3.97194297	3.749127

3.54652403	2.38351688	3.30928016	2.78664999	3.49276921	3.51854043	3.05210799
5.56985582	4.01448545	4.73562767	4.50476906	4.36710299	5.51607431	5.66247617
4.38029778	2.85015392	3.80296497	4.30510758	4.01928768	3.73262484	4.43143093
0.58153167	1.00E-04	0.32783981	0.10902669	1.00E-04	1.00E-04	1.00E-04
3.31332492	0.68407235	3.5324137	2.77292177	2.95686588	2.60257751	3.07688715
3.10859378	1.33582455	2.54578245	3.33302931	3.29194708	1.41565162	2.1352104
4.27111918	2.24904556	3.86914551	4.19140412	4.01649507	3.86035836	3.78748483
4.18767723	2.85359225	3.510598	3.14172478	3.04274824	3.8744178	3.68370252
3.51025119	1.93021503	3.09878647	2.86479064	3.7618898	2.5953481	2.82804618
4.29815491	3.33630805	2.54289615	2.21547737	3.09527658	3.71014812	3.79209309
1.08050363	1.00E-04	1.00E-04	0.13372292	1.00E-04	1.00E-04	1.00E-04
0.70842579	1.00E-04	1.22555544	2.15130641	0.73655919	1.00E-04	0.41275046
4.95323742	4.66361815	4.52871997	4.24938579	4.61882776	5.03683747	4.97437808
3.38034298	2.69231033	2.94137599	3.48116684	3.2421393	2.41567904	2.61802012
1.53251768	1.00E-04	0.86461772	1.36347532	1.43835113	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.61700201	3.61603492	4.10273313	4.35411413	4.17205564	4.26037897	3.8830398
3.77972554	1.90103573	3.40185583	3.4464995	3.79552008	3.96431411	3.82641727
5.08236459	3.84494424	4.25010994	4.11194353	4.40122457	4.10428574	4.84816075
3.67576847	1.38643342	2.95217346	2.94720121	3.17054749	3.91480838	3.69062512
4.93716929	4.01036803	4.54332376	4.36930739	4.25855567	5.2910646	5.25640081
2.86693836	1.12950432	2.85135703	2.49294141	3.11788557	3.60912633	2.26536104
4.99232388	3.23091247	4.56300725	4.22740846	4.52069633	5.49943391	5.32661412
3.65984346	4.59142192	4.42393984	3.80708717	4.22920651	4.90395634	3.99714948
4.48163249	3.85535017	3.59906725	3.5450625	3.99218852	4.14405579	4.07375322
4.44445733	3.31931639	4.27967839	3.99890354	4.05114556	4.42869124	4.69125029
2.74782297	3.18519907	2.71367815	3.17148676	3.23329305	1.92947719	1.27133333
1.60117138	1.67127756	1.00374117	0.80600648	0.9996422	1.21635193	1.44180857
4.7508518	4.89536841	5.32061094	4.92078605	4.78091329	4.68024035	4.56558912
2.10638729	0.79637057	1.87450595	2.8119651	2.75242327	1.95294735	1.00E-04
5.00283353	4.1940943	4.35503827	5.70134944	5.44933399	3.27390679	3.3740614
2.66814662	0.72877389	2.19386283	2.78238883	2.51219933	1.00E-04	2.80919805
2.71463831	1.95362524	2.27868136	2.02135042	2.4159605	2.19001801	2.8845553
3.87358177	2.51467343	3.90253669	3.57965164	3.4207684	3.9943672	3.31503585
4.22416934	3.81638705	4.6256041	4.16499278	4.21707431	4.2078026	4.4642087
2.88129731	2.43342692	2.75745363	2.56335788	2.17610687	2.78932962	2.92482982
4.29304797	2.85525353	3.85367898	3.72003957	3.60734816	4.32116568	4.44333016
4.07355495	3.26372906	3.88908876	3.87622052	3.87149637	4.16905441	4.22508547
2.72856738	1.58960804	2.4515128	2.91425498	2.09456661	1.75005929	2.53406857
0.14735492	1.00E-04	0.89291494	0.09749395	1.00E-04	1.00E-04	1.00E-04
2.41361882	1.65776844	1.83079663	2.20097038	2.31133748	1.55896521	2.42539484
1.60215864	0.79637057	2.33773496	1.50467991	1.24855177	0.79958263	2.25115205
5.11273187	4.09100905	4.22041777	3.96779113	3.80894809	5.24719217	5.66379821

5.10432914	3.91175829	4.82099157	4.35008007	4.12694992	5.17884466	5.48202662
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4.13865281	3.68270842	4.30841154	4.05409712	4.22392956	4.76081261	4.98774876
5.20986428	3.80204556	4.84803655	4.40778514	4.4724476	5.68719255	5.35616512
2.8153023	1.23400418	2.61024588	2.40232363	2.87947308	2.40428347	3.0126639
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4.43179679	1.56839355	3.61897854	3.81369814	3.80882024	3.87617485	3.70685179
5.01451489	1.63119318	4.08326256	4.52148872	4.28545526	3.69358769	4.05496538
0.82837731	3.49904701	4.69414302	4.94901525	4.59582972	1.00E-04	0.89038937
1.55796665	2.6429988	3.62371093	3.5079369	3.259404	1.00E-04	1.00E-04
3.9010291	2.5860131	3.83101438	3.75882294	3.61412699	3.91506119	3.53044123
2.96159363	0.72877389	2.98719294	2.88288627	2.88761993	3.72874719	4.23859624
4.95851094	4.19337029	4.71297404	4.85838187	4.86202098	4.4237223	4.4237613
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2.14765662	1.00E-04	1.7184113	2.22181992	2.18639946	0.9559646	2.0790481
0.60748491	1.55002686	2.73068945	0.68591092	2.28569467	1.00E-04	1.00E-04
4.08436237	1.96860999	3.62260336	3.78210956	3.78231921	4.4882959	3.96416057
3.44813261	3.34686882	3.3776	3.3815806	3.78082389	3.86623441	3.29820162
1.45295689	0.8358776	1.40168704	2.01571112	1.82523028	1.59091343	1.68596406
3.61231694	2.015278	2.06690511	1.89878872	2.29679346	3.17486974	3.65585345
3.18976309	2.46044889	3.00678274	3.35979004	2.93411777	3.8275789	2.96046935
1.00E-04	1.00E-04	0.06880281	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.31021625	1.00E-04	0.858463	0.58092198	1.06704687	1.00E-04	1.00E-04
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4.36949806	3.12701326	3.90728596	4.52852838	4.57290603	3.45705259	2.90646037
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4.2383289	2.91821249	3.71420465	3.85352545	3.61452349	3.92174945	4.31762506
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4.0351439	1.54062948	3.36484505	3.59549373	3.60071058	3.71582127	3.60521999
3.87131502	1.82844189	3.40795107	3.92771078	4.49851138	3.02487023	2.99098873
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2.72595047	3.23304349	3.39028727	3.38822807	3.32372463	2.62126693	2.08182398
4.00411121	2.56635707	3.50665563	3.22127685	3.13358121	4.46211947	4.25772404
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1.00E-04	1.59374717	0.84484058	0.92664885	0.74902706	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.12277182	1.00E-04	1.00E-04	1.00E-04
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4.59432334	2.52296302	3.99419707	3.99954184	4.30320661	4.1989703	4.14557013
2.72725642	1.16726039	1.46079885	0.64997918	1.23663671	1.00E-04	1.79350885
3.02393787	3.97296043	3.07289791	2.27532648	3.02077768	2.58795948	3.43581935
5.21911088	4.04715471	4.60073713	4.42723236	4.68041601	4.68345138	4.92289862
5.32835805	2.25157747	3.82961429	3.44875518	3.55405533	4.69403897	4.83475921
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3.31700822	1.28352536	2.63536865	2.49007542	2.73426344	3.7392168	3.33138929
3.6001344	3.38315486	3.8050617	3.49736552	3.76730414	3.99914246	4.287873
2.7687714	2.5226852	2.34792189	2.75445393	2.0163838	1.44920782	1.77947554
4.48923773	5.25856893	6.13462828	5.36515372	5.39200476	4.1865602	4.56315657
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68834484	0.69779233	0.40790783	0.84905438	1.75589535	1.00E-04	1.00E-04
2.86720089	1.2101235	2.14647392	2.19841051	2.12436276	3.32485678	2.45016751
3.6143641	2.8429912	1.98981325	1.70948876	2.33795839	1.36230273	1.12664243
1.53358838	2.59338182	3.75527058	4.18531168	4.15397014	1.21420271	2.07890437
0.0903597	1.00E-04	2.03277971	1.69798687	2.08708083	1.00E-04	1.00E-04
2.39776636	3.22786532	4.34983958	3.74539862	4.11605269	0.9559646	1.74061013
0.43769694	3.60348441	3.67369147	3.25685317	3.21292116	1.00E-04	1.00E-04
3.30441455	1.309432	3.5817731	3.10267879	3.61697855	3.66893452	3.48675406
2.69274943	0.87612072	2.13838442	1.94307608	1.80890471	2.11011311	2.20758129
1.00E-04	1.00E-04	0.36165043	0.08321284	0.19089153	1.00E-04	1.00E-04
3.39479683	2.04876486	2.73167853	3.39493395	3.05783548	2.72498192	2.9334611
0.16437031	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43256658	1.81476557	2.52099888	2.56831608	2.4561788	2.13937208	1.00E-04
0.77893586	1.00E-04	0.57832833	0.16980721	0.82345351	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.19588247	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09683235	0.92068596	0.97183423	1.00E-04	0.23260545	3.43348715	2.0433652
0.69087781	1.00E-04	0.61499053	0.36928731	0.72031113	1.75791089	0.41275046
1.00E-04	1.00E-04	0.32524527	1.00E-04	0.13098198	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.41607936	3.08079666	4.51517207	4.26928211	4.24598965	3.33329423	3.33366627
1.82788129	0.7902481	0.59363605	1.78379981	1.99317304	1.00E-04	0.54053641
3.63132022	2.25196384	3.88999677	3.38526089	3.99032931	3.88423273	2.95587644
3.6024494	0.68407235	2.51699843	1.93672474	2.59619874	3.8716619	3.70088116
0.24276071	1.00E-04	1.00E-04	0.09393249	1.00E-04	1.00662024	1.00E-04
3.69761084	3.86265353	4.09300719	3.89067605	3.74544653	4.11018596	3.73167126
5.139199	4.14912931	4.56706731	4.34723392	4.57975117	4.8949815	5.03269595
4.07304022	2.78530231	4.16814774	4.53526816	4.34757817	2.79026775	2.26313603
3.37888593	1.71676596	3.5371092	3.94833958	3.64350498	3.22572777	2.01495524

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28054498	1.00E-04	0.98144282	0.81930798	2.7567927	1.00E-04	1.25654185
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19886482	1.00E-04	1.74749922	1.84108534	2.23105978	1.00E-04	1.83063952
1.07591202	2.51189653	2.29915211	1.35842687	2.08661244	1.68707879	0.40038755
1.00E-04	1.00E-04	1.06579106	2.02882277	2.58805941	1.00E-04	1.00E-04
1.80992913	0.76524107	2.06991402	2.87812187	2.66315092	3.82114635	3.94370236
1.00E-04	1.00E-04	0.3084987	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66527019	1.77145913	2.30074303	2.5541573	2.15881698	1.61815911	2.3640588
3.59031915	2.05489027	3.66358263	3.85107443	4.00441536	2.52339188	2.87911444
4.90069348	4.05730619	5.21646102	6.04134634	5.8309142	3.64888465	3.71391342
3.9261576	2.26196978	4.00125887	4.59645039	4.49781492	3.32321892	3.65710799
3.92342806	2.9058859	3.51843835	3.53980161	3.58597705	3.64251143	3.93897844
5.26031629	2.77922201	4.49522964	5.26516056	5.22366462	3.7918904	3.8198102
4.17801069	3.16441416	4.46106158	5.21057707	5.04210324	3.12437797	2.95992222
0.06718044	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75699739	3.86330237	3.29666189	2.94621882	3.22103679	2.62921222	2.94677864
2.82703367	1.00E-04	2.15629428	2.21069081	1.1148042	2.35584501	1.30610232
3.97915438	2.41385434	3.67412073	3.26133324	3.39051334	3.45286637	4.06295072
4.98589823	3.07461645	4.27358721	4.52064813	4.55407278	5.21173745	5.36814237
3.12005466	0.87456952	2.65566748	3.00569193	3.33575373	2.69497803	2.89031098
1.00E-04	1.00E-04	0.07268679	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66453476	1.28232395	2.57002422	3.04045553	3.3064657	1.48634524	1.01208735
2.33124436	2.55736031	3.97049909	4.36197343	4.53054493	2.30022286	1.36368587
2.70082475	0.69779233	2.23305531	2.36395819	2.67558601	2.60224899	2.20200709
3.15598306	1.00E-04	2.7190809	2.66213251	2.54782593	2.15971212	2.54497749
3.5254313	1.58969929	2.80103453	2.36647713	2.88806546	1.78758109	2.63743153
3.91465762	1.73120823	3.4250585	3.42420634	3.2728542	2.75542361	3.58146741
4.07519569	0.87456952	2.68797028	2.3822993	2.46750966	2.92371125	3.40790662
1.00E-04	1.33968741	0.3930268	0.45768131	1.03067822	1.7229935	0.89038937
1.00E-04	0.76524107	0.50864901	0.56030753	1.52555755	1.00E-04	1.00217252
0.24936051	1.00E-04	0.39307409	0.65671173	0.3914896	0.83083207	1.00E-04
4.64606891	3.13222446	4.35676368	4.26624987	4.53390555	4.19205271	4.52053427
3.4022991	3.4899256	3.63506048	3.74143446	3.47933024	3.2976182	3.34999543
4.59540396	3.38510693	3.81250095	3.7985963	4.07656923	4.67109793	4.90449593
3.60569475	1.1971089	2.66568521	2.6989888	2.4797701	3.56935573	3.09085021
4.88635521	4.16049533	5.02996634	4.52012781	4.37563916	4.74662091	4.80171709
2.79959026	0.68407235	2.68157289	2.69403171	2.69782103	3.34096994	2.62361374
4.1376362	3.54664354	3.63172966	3.82055595	3.41132758	4.05682114	4.18078153
6.13864848	4.85996405	5.05493377	4.4790365	4.86656515	6.31584284	6.6586824
4.24434143	2.29590303	4.24851772	4.26326337	4.51868728	3.98027955	4.28460673
2.56220711	1.00E-04	3.93511441	1.87039732	2.53199674	1.8874994	3.12894535
2.46635021	0.8358776	2.33082219	2.87134829	2.61219587	2.51856309	2.82964476

1.07392909	3.10356563	3.86323427	3.74297774	3.73806099	1.18075338	0.89038937
3.56565691	2.35094902	3.10736048	2.61800507	2.80464898	3.68953512	3.8805251
0.83418819	0.71640521	1.94143158	1.53123923	2.08012803	1.00E-04	1.19626579
4.14701274	4.27891408	4.19425665	4.08744872	4.23323769	3.70397851	3.69112009
4.89581514	3.41272894	4.40117123	4.07793356	3.89000141	5.23746537	5.44265164
5.14345309	3.70793896	5.26779459	4.37457509	4.56316113	5.58047017	5.7647803
0.07341779	1.00E-04	0.87921174	0.69280774	0.8273931	1.00E-04	1.00E-04
3.63964176	2.12375839	3.22904424	2.92560584	3.04109251	3.75959543	3.83544595
5.06277153	4.6431942	4.70541011	4.29981092	4.26756624	5.40119018	5.08337701
3.02384575	2.60356742	2.6970323	2.36447917	1.94236603	3.17168223	2.6844243
1.53300053	3.68564916	4.13676305	3.3987362	3.21690476	3.44667476	3.01557349
5.02707637	4.4758633	4.81590024	4.22609603	4.51672387	4.74693309	5.35051475
4.43785831	3.85912881	4.35361194	4.21251216	4.33189125	4.62277279	4.54368623
6.08743687	5.21220192	5.61658132	5.00779392	5.17507561	6.32625117	6.52329441
0.63781115	0.68407235	1.11648447	0.22055466	1.06070504	1.19321377	0.48671447
4.50713371	3.75306365	4.29627291	4.05013945	4.05020648	4.77523906	4.79884915
4.37760981	2.81852944	3.93667212	3.53469097	3.79759759	4.79311681	4.79629229
3.74034378	1.50038505	2.98619829	2.76005338	2.82406781	3.54602245	3.32308985
3.05104315	1.52251056	2.87572579	2.61898304	3.07415893	3.30909051	3.47836861
4.27070706	3.77182641	3.8093933	3.25629145	3.79695382	4.624759	4.61629641
3.92670561	3.78270279	4.48529027	3.87827654	3.63962165	3.66105914	3.60849127
3.83157193	3.22186963	3.78865432	3.15856677	3.26828753	4.16609294	4.31379976
1.06631476	3.36457683	4.08919831	3.44771316	3.17370997	2.14704079	1.16048721
3.5282496	1.00E-04	1.50121882	2.23947799	1.75695139	5.10327609	5.13768111
3.77961576	2.97217376	4.2485392	3.88121483	3.63994939	3.84592403	3.696134
3.05592855	2.29826664	3.36222234	3.17216529	3.45839877	3.03320953	2.99306261
4.93793577	4.16322811	5.12784323	4.98205806	4.96877449	5.71456212	5.76625889
5.22903695	2.10128246	4.04753227	3.75947366	3.97637529	4.47491124	4.64706319
2.15524348	1.52916446	2.93655094	2.25436486	3.44151522	2.51927572	2.49070767
3.06302279	1.00E-04	2.48738815	2.73791524	2.79378045	2.52442052	2.97856382
2.05451489	1.00E-04	0.83077011	0.85938164	1.87992916	2.13351831	2.44351352
0.68688657	2.17435745	3.21156616	4.00238243	3.98175627	0.78141142	1.82338166
3.0348506	2.54402089	3.32674965	2.9251938	3.23253964	4.09001345	2.55201232
4.00058811	4.39018736	5.32796538	4.5524246	4.70939188	3.05813491	3.9763372
5.66672157	3.98368623	5.24299654	4.59146915	4.29243934	4.20376791	4.10091055
4.12225757	3.16506472	4.12856825	3.91109112	3.84537853	4.36923351	4.22391099
4.82383644	3.33417138	4.59510303	4.63515034	4.37170333	4.79129359	4.91017907
5.13568777	4.88152545	5.0488384	4.8437591	5.02905802	5.5154264	5.61261102
5.14421174	3.45936099	4.41060431	3.99688804	3.82778649	4.81395774	5.32043732
3.74563538	3.83216397	3.26768449	2.42907946	2.94564093	3.84856716	3.88456296
4.5593749	2.40371213	2.70248398	2.00188515	2.18114254	3.85268573	2.91730168
1.00E-04	1.00E-04	0.84270198	1.94526877	1.99075206	1.00E-04	1.00E-04
2.89233234	1.1166062	2.80752234	3.04387895	2.85347963	2.1048981	1.95619671

3.32482912	1.00E-04	2.46520153	2.97122228	2.04494433	2.14680183	1.87033939
2.67195324	1.81044415	2.71280876	2.47247734	2.73389304	2.21998244	2.53906605
1.43893169	2.93701709	1.29449114	0.92898891	1.11304474	1.22399854	2.23777765
3.85775676	2.5179678	2.9764239	2.80836562	3.27272773	3.35263315	3.53835413
3.62065231	3.7425674	3.47828061	3.17905839	3.58436113	3.83170289	4.05065575
3.02875558	3.24681019	2.43965947	3.34719552	3.22483624	1.97854256	2.6860049
2.80659775	2.04830535	2.16420654	2.98411286	2.62994672	2.35714512	3.37423346
2.73877307	1.2269695	2.48102587	2.58627414	2.01908647	2.14840906	1.11706721
2.58496338	0.71640521	2.50978694	2.46930999	3.13063326	3.08889617	2.83030338
3.38897812	2.65740807	2.54459548	3.1558819	2.93012807	3.16892152	3.27935366
6.22137513	4.34426071	5.90262429	5.17415748	5.45480774	6.77493784	6.90226779
0.39663377	1.00E-04	0.35381361	1.00E-04	1.23699482	1.00E-04	1.00E-04
3.41025486	1.00E-04	1.00E-04	1.00E-04	0.11078928	1.00E-04	1.00E-04
5.64015578	4.99668724	4.46164473	4.21001515	4.12088542	5.71242958	5.45563789
6.30911247	4.28453249	5.00879581	4.58751919	4.46178722	5.63226273	5.79499352
1.86353077	0.69779233	2.13673902	1.24031696	2.62929922	1.90324314	1.74086134
4.24433326	2.04823438	3.68582554	3.3588076	3.07829893	5.23967637	5.22874895
3.02471911	1.65638751	3.28843271	3.35159605	3.2215156	1.92907566	2.50515377
4.0325715	3.00808835	3.53187651	2.90622642	2.72859856	3.71974054	4.27721116
1.09034229	1.00E-04	1.0798368	0.34390223	0.71646218	1.52409244	1.00E-04
3.18339637	4.32686475	2.51409722	2.64350839	3.21619728	3.68286091	2.88035125
3.6074028	1.28352536	3.07064701	3.63387766	3.7390837	2.29511007	2.70157308
3.46878555	1.99570046	2.97662212	2.63892321	3.26034984	3.08352684	3.76160688
4.00376442	1.43715915	3.38975686	3.7782397	4.00674586	2.17049616	3.3230438
3.13226826	2.97487662	2.69544037	2.91729742	2.89951856	3.7428174	2.91675191
5.33023655	3.43443453	4.67423179	5.22682862	5.15658019	2.81408371	3.47277817
0.89840234	2.71380911	2.96535697	3.03757797	3.0327681	1.52422637	2.99405311
0.87733643	1.00E-04	0.25997837	0.09296692	1.19836359	1.00E-04	1.00E-04
5.13574432	5.30093217	5.61473228	5.72906007	5.70637112	4.69366369	5.02410975
3.97834887	4.45335592	3.77349785	3.41704736	3.55461414	4.52914283	4.14553158
2.9736568	1.97387121	2.40579471	2.57759948	3.32603545	2.60878684	2.26987106
2.44410286	1.6183559	2.32471069	2.88188523	2.70418386	1.00E-04	1.40624424
2.1709768	1.00E-04	0.16967781	0.71702575	0.85476806	0.83873894	2.65721401
3.27265463	1.17452218	0.44704535	0.44965265	1.0311716	1.00E-04	1.11706721
1.32508655	1.00E-04	1.29334929	0.94563307	0.5977709	1.00E-04	1.69954321
4.62869196	3.85955203	4.34707168	4.37290118	4.36747128	3.67515079	4.12665342
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1.00E-04	1.00E-04	0.26888122	0.60241703	1.5795142	1.33183829	1.00E-04
5.05970393	2.27801923	3.79048351	3.85028679	3.85839152	4.93822901	4.98615168
5.23512299	4.48664141	4.72908497	4.00803205	3.8697713	3.78861165	3.08780049
5.9486411	4.90087056	5.23640037	4.8505282	4.99317386	6.30008203	6.17019415
1.00E-04	1.00E-04	0.09356612	1.00E-04	1.00E-04	1.00E-04	0.97522957
3.40637656	0.87456952	2.94451829	3.33995547	2.96307106	3.24126062	2.88003095

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35929195	1.00E-04	1.87478081	2.33262431	1.92813889	1.00E-04	0.97522957
3.83003073	3.85235921	4.86043943	4.22465213	4.36659283	3.97574708	4.13993485
4.75178865	3.39238547	4.91408335	4.96095893	5.17376178	4.09587023	4.69143816
3.64070551	3.53831203	3.73731134	3.06255814	3.29249979	3.87795672	3.77008117
3.50816193	2.14509604	2.24392907	1.79108193	2.07739918	3.0742904	3.88190444
3.9256897	3.39614763	4.09645814	4.74201182	4.43291945	4.19145317	3.74918087
4.63319811	2.79006561	4.22563809	4.88064472	4.93907266	3.44084053	3.92403954
4.36527691	2.79397242	4.20699987	4.43757688	4.20282076	3.52718572	3.60788112
2.33962413	1.28232395	1.59579951	1.35436309	1.8254191	1.00E-04	1.58406264
0.42615828	1.00E-04	0.53844164	0.48579633	0.19211427	1.91297244	3.1225381
3.757392	1.97307589	3.47899608	4.08742376	4.36082197	2.23456654	2.49064409
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09511513	1.00E-04	1.00E-04
0.04764841	1.39178539	1.08116557	1.06908671	0.63166014	1.00E-04	0.81996147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	2.25717127	3.4323728	2.71743598	3.14933373	1.00E-04	1.00E-04
3.53443561	2.89759962	4.40078572	4.30650877	4.15738279	3.51097656	3.78613818
4.05694962	2.3403729	3.55933583	3.38317725	2.91854943	4.16755768	4.05981656
1.04410739	1.00E-04	0.66954358	0.72374427	1.19037929	1.9521512	1.21998964
1.00E-04	1.00E-04	0.37749167	0.37235509	0.26591296	1.00E-04	1.00E-04
0.35257001	2.87105092	1.17016122	0.45885795	0.53134058	1.00E-04	1.00E-04
4.53706258	5.20965784	5.50472898	4.993458	4.7327128	4.14693553	4.32863577
3.36699104	0.71640521	2.6209568	2.54508494	2.67428984	2.71606362	3.01082518
2.20156847	0.79637057	1.62505772	1.59761383	1.82871242	1.61209602	2.4834699
1.00E-04	2.24484629	3.35988652	3.86361516	3.71056952	1.00E-04	1.00E-04
7.03390408	5.80488558	6.34694916	7.22878637	7.23563613	6.03977679	6.38803964
2.47648625	1.54497594	2.63387554	2.04199983	2.49678949	2.76495999	2.26759677
1.35206716	1.00E-04	0.93787013	1.99243797	1.16493469	2.38630076	1.00E-04
0.90226518	1.00E-04	0.15720559	0.62135771	0.36065651	1.60761801	1.54391513
4.0540706	2.33516442	3.94932222	3.65969588	4.05553126	3.86099186	3.90595469
0.70234068	1.00E-04	0.09354831	1.00E-04	1.00E-04	1.00E-04	1.78488539
2.40873659	0.68407235	2.26415803	2.29626401	2.98647349	1.81025192	2.10930509
4.00675913	4.31077146	4.27046419	3.81530268	4.18419255	4.12903686	4.10308624
2.71448072	3.21338833	2.24838431	2.40027578	2.40141279	1.00E-04	1.00E-04
3.12635039	3.01475226	3.14255721	3.48723134	3.49907142	1.86456711	2.78633794
1.84365288	1.00E-04	0.34670746	0.60787154	0.43152535	1.00E-04	1.59975665
4.37393249	6.77252479	7.83798529	8.27485758	8.07313584	1.54880746	3.86211134
5.02938522	3.73427613	4.88591505	4.55338563	4.87805329	4.72152043	5.37471573
5.39795163	2.70860398	4.2992756	3.84075374	3.78352854	4.18330725	4.03995126
4.35800514	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.36462653	3.63731398	2.97205156	3.04891763	3.18870795	3.12139464	3.33303692
4.17697353	4.09973472	4.68965993	4.46672016	4.27145332	4.75211886	4.67680983
6.44006077	5.49469989	6.17096754	5.62817649	5.7663807	6.63675868	6.83661661

5.43182118	4.8713653	5.45278573	5.16412459	5.13787648	5.69162249	5.6621442
4.72600372	3.45127627	4.65832187	4.25989007	4.44695599	4.87220985	5.29903208
3.31826229	1.28142983	3.02733758	2.98085214	3.33989004	2.90142263	3.05164447
2.54625742	1.23689606	2.32446591	2.04654584	1.69380752	1.67259649	2.08151891
2.82720366	0.68407235	2.97832723	3.76798397	3.49498881	2.38154126	1.72655816
4.26755881	2.79075954	3.77010723	4.07512642	3.99847261	4.63114943	4.61676361
2.24968089	2.00986555	2.69085526	2.77187085	2.74936462	1.92422557	1.23842423
3.59386067	1.60874865	2.94949526	2.14701052	2.84155214	3.40288936	3.67420974
3.92982046	2.32464601	3.40754445	4.16796303	3.95984014	3.12490614	3.2529018
4.24495962	1.99687297	4.17991522	4.63585065	4.47229979	3.38396776	3.45626622
2.88916748	1.75926508	2.16926665	1.96187638	2.5638845	3.38791606	3.51322933
2.42220552	1.51272876	1.9996203	1.99155967	2.12931298	2.3140874	1.95137105
4.08360207	4.0522442	4.16092203	4.6719453	4.61526036	3.58295166	3.35355189
4.56585217	2.08649669	3.95860843	3.72655923	3.58133363	4.56055947	4.86427555
4.48086126	2.04067709	3.83740076	4.00643107	4.17688959	3.68177525	3.62293083
3.54846581	2.32430438	3.1042641	2.97682938	3.77559036	3.69316711	3.68137419
3.03073502	3.58642501	4.39990309	3.72859042	3.68495636	4.18286632	4.21934081
0.9613548	3.15434281	1.52573849	0.99289572	1.25020517	1.00E-04	1.48242703
1.79890905	1.00E-04	0.13338607	0.08961591	1.00E-04	1.00E-04	1.00E-04
4.67743583	3.70001106	3.7876079	3.23245377	3.46659593	4.07536347	4.33316437
4.76507183	1.68714598	4.08777084	3.67227517	3.90939069	4.283991	4.52079194
3.60998662	3.3116676	3.08474766	2.93268311	3.58221928	3.16629087	3.34795105
2.9027146	3.82762722	2.6055658	2.9254285	2.90649083	2.8851569	2.61849828
4.25865045	3.01839252	3.83207919	3.77763296	4.0863411	4.19176847	3.72108567
4.07743267	2.47813593	3.32217954	3.29314006	3.1419333	3.9621103	3.94946055
3.89989602	2.19443947	3.34242982	3.61994264	3.27451293	3.69871926	3.9604665
3.16109638	0.96847026	2.91237782	2.51711226	2.70539017	3.08131508	3.24466553
4.61047833	3.50830629	4.20940887	3.46837315	3.71573329	4.43063112	4.7541821
3.86839229	4.11340645	4.13192826	3.94961106	3.89547932	4.60646782	5.21850291
2.78451449	1.2795411	2.10324055	1.6469353	2.73026667	1.00E-04	2.2928387
4.99848935	3.77087893	4.74292821	4.1113568	4.40352851	5.16633263	5.04460629
2.74568907	1.17896398	2.85595141	2.86298009	2.90421861	2.16816031	2.3232175
4.34564961	4.3000839	3.37406756	3.75883765	3.42623003	4.33212382	4.7826414
5.11202448	3.6038988	4.25165249	4.12046697	4.06982034	4.98306802	5.2018293
3.51041791	3.20955808	3.90791083	3.80008194	4.35855685	3.45391201	2.88022152
0.95478834	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.06336707	1.00E-04	1.26228835	0.15717378	0.55204307	1.44286217	1.00E-04
0.45351128	1.00E-04	1.28309666	1.68218733	2.10350903	1.00E-04	1.00E-04
0.69239632	1.00E-04	0.30002814	0.26341505	0.40886476	1.00E-04	1.00E-04
0.65195798	1.00E-04	0.14368765	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.53685635	1.00E-04	1.00E-04	1.00E-04
1.43783003	1.00E-04	0.05903671	1.2319645	2.17352712	1.00E-04	1.00E-04
0.68594491	2.00423869	1.71536944	1.67528178	1.32633057	2.34860835	1.92557569

2.18695696	3.0360002	3.53109492	2.66036997	2.65434926	2.97581958	2.76187393
0.11017854	1.19880434	2.02509234	2.46954292	1.1726876	1.00E-04	1.00E-04
1.55019107	1.00E-04	2.1200593	2.52344264	2.80182829	1.45808418	2.11672533
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48404358	1.00E-04	0.29822986	1.49197379	0.71154922	0.46029024	1.37881795
0.51078375	1.00E-04	0.06554964	1.00E-04	1.00E-04	0.84497321	0.7179807
2.13752294	1.00E-04	0.44987236	0.10897151	1.77384461	1.61186034	2.53532703
0.10286354	1.00E-04	1.00E-04	1.00E-04	0.12792029	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.06504071	1.00E-04	1.00E-04	1.00E-04	1.10457566
4.35987104	3.03090348	4.09672888	3.80991907	3.94211888	4.22879468	4.88494123
0.71109259	3.32556957	4.28162732	3.36942779	3.70405092	1.00E-04	0.98620672
5.88232041	4.66166614	5.46540328	4.82232737	4.95794066	6.12161496	6.20958159
3.52561223	2.51904083	3.90965848	4.29662566	4.07368537	3.03953309	3.11890067
0.58605681	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30046603	1.472772	2.13542438	2.13460801	1.70954507	1.00E-04	1.00E-04
1.78819799	0.79637057	0.65731634	0.15845674	0.65272746	1.00E-04	1.00E-04
2.13318912	4.85296915	5.60917633	5.16712368	5.0496103	1.00E-04	1.45670916
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2.99491557	3.79071376	4.19104821	3.64355199	3.42857872	2.91185752	3.47604368
1.00E-04	1.00E-04	0.09811645	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.41246129	2.37387291	2.62402419	3.13942433	3.07343555	1.39046758	1.00E-04
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1.72486253	1.00E-04	1.50323803	1.34446467	1.20696272	0.92751185	0.81996147
3.13475998	1.00E-04	2.41503649	1.72643698	1.855464	1.00E-04	1.00E-04
0.44139965	1.00E-04	0.14635607	0.45117545	0.57400426	1.00E-04	1.00E-04
2.43610269	3.65136015	4.18355638	4.41933567	4.29688112	2.2626906	2.82362087
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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4.83834398	3.71711505	4.5654538	4.26930716	4.55858047	5.11732125	4.92879932
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1.00E-04	1.00E-04	2.56224162	1.56641111	1.32895038	1.00E-04	2.03084191
5.61076988	4.45779691	5.02032188	4.92638074	4.83266176	5.5620172	5.52340935
1.00E-04	2.37683904	2.42543676	2.38629267	1.6466596	1.00E-04	1.00E-04
3.37164677	1.43393804	3.12938402	3.125955	3.61019896	3.22549298	3.55463473
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3.82371561	3.16902399	3.86564055	4.15495618	4.30411949	2.75487083	3.42502078
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2.67877176	3.69619794	4.66037868	4.07113182	3.94958148	3.59799889	3.33007741
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4.49250509	3.86454772	4.28467296	3.84263834	4.11111567	4.89366105	4.79200967
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3.29262316	0.87612072	1.44851699	0.7526098	0.68408882	2.33695151	2.05307609
2.13366172	1.00E-04	2.04045929	2.382866	2.26461457	2.49575582	1.89253596
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2.90064463	0.87612072	2.02958187	1.91480101	1.45824766	2.4161578	2.44324691
3.29811643	1.6811753	2.77837324	2.56054379	2.78839157	1.79191312	2.38169392
0.97803299	3.50941279	4.44385278	4.1181338	4.0004243	1.5325984	1.5683571
3.37347486	3.37874604	3.50987693	3.48949366	3.27071845	2.48049896	2.97130921
3.72495968	1.80105203	3.67792207	3.18910384	3.48141469	4.08239468	3.98501338
1.99668082	0.8339972	1.53315674	1.35723425	1.32566238	2.20774659	1.47065192
2.10614588	2.60714085	3.21378434	2.96594426	2.89428187	1.54023976	2.22274867
1.00E-04	1.00E-04	1.00E-04	0.13013465	0.30040707	0.88297287	1.46347951
1.00E-04	1.00E-04	2.35783619	1.91030416	2.51153107	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14567012	4.20894538	4.90520541	5.41760766	5.56619145	1.00E-04	1.99064253
1.00E-04	3.53068958	2.19565267	2.85726046	2.3475473	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.3983491	1.92330285	3.01559943	2.40856953	2.70986714	2.02909294	1.71472591
1.87411129	1.39535389	3.27221236	3.43800955	3.98784687	2.86311423	2.40562506
3.68488202	1.95076517	3.27152018	3.3216107	2.97468548	3.60496122	3.64518682
2.67456629	3.16746466	3.60674477	3.02682856	3.1199032	2.43994227	2.53992376
1.73922514	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68773152
5.88916599	3.55441713	4.26145833	4.08202297	4.43051865	5.77132054	6.03423394
4.44010043	3.86174211	4.3833105	4.01931274	4.46020171	4.55582582	4.97647118
1.00E-04	0.74506998	1.9381161	1.50056063	1.84031495	1.62176268	1.00E-04
1.79896565	1.5024568	1.88433213	1.56610529	2.68151735	2.49051825	2.5190725
3.95127369	2.3147001	3.7584106	3.71833102	3.94601855	3.87053245	4.30078261
1.86817298	1.21769093	1.79928175	2.29166623	2.05848847	2.40477246	0.83430531
2.20126252	4.20810841	5.21285785	4.75392029	4.59749598	1.777699	3.20079549
5.43391677	4.85892656	5.40698274	5.24806067	5.11231837	5.59984556	5.56601408
0.45614223	1.67825387	2.20600669	1.74983615	2.25221622	1.00E-04	1.00E-04
1.86319111	1.00E-04	0.48306971	0.27384938	1.00E-04	1.00E-04	1.00E-04
0.40615413	1.00E-04	1.86988833	1.24008021	1.49736034	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67735929	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46517855
0.37752888	1.00E-04	0.26491009	0.55675326	0.57487443	1.00E-04	1.00E-04
0.78788246	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25460214	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.07819003	0.11606138	0.24677764	1.00E-04	1.00E-04
0.65709564	1.00E-04	1.00E-04	1.00E-04	0.22634765	0.82693741	1.00E-04
1.18198254	1.00E-04	0.08280154	0.08223591	0.12792029	1.75707711	1.00E-04
0.11017854	1.00E-04	1.00E-04	0.12795857	0.1253092	1.00E-04	1.00E-04
0.8605766	1.00E-04	0.88768233	0.69983952	1.68405595	0.81859263	1.00E-04
0.34464995	1.2795411	0.65339667	1.42224475	2.70072165	1.00E-04	1.00E-04
0.37220126	1.00E-04	2.00766305	2.32286357	2.64062538	1.00E-04	0.35134699
1.00E-04	1.00E-04	0.81631098	0.47624582	0.13957128	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52782838	1.00E-04	3.00609246	2.70168247	2.29208004	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.18930989	0.64595106	0.75365342	1.00E-04	1.00E-04
0.64139899	1.00E-04	1.44040373	2.13700797	2.01753976	1.00E-04	0.75524083
1.42502496	3.27719912	3.85429785	3.14623276	3.30071657	2.59344525	1.18160765
2.62394256	3.38742065	4.19297734	4.17489299	3.95383792	1.12785157	2.9787494
1.29723524	1.00E-04	0.27221359	0.56044434	0.63931359	1.92322133	1.21902836
2.4051007	1.58811416	3.38702473	3.22953139	3.24801544	2.05165988	2.6648257
4.65809011	3.74675698	4.45387322	3.93549812	4.23972729	4.81186854	5.11782355
3.40454192	1.95317302	2.96155681	2.85160542	2.56082714	3.7063043	4.03999397
4.62955184	3.20285705	4.38007501	4.05224632	4.17170593	4.27974853	4.4884255
3.4753041	3.08890189	3.78459955	3.67888473	3.25778272	2.54123413	3.55244994
2.95433476	1.2101235	3.46271744	2.23983802	2.62287344	3.14808144	2.65180899
0.3546965	1.00E-04	0.30276342	1.00E-04	0.21404561	1.00E-04	1.00E-04

1.00E-04	1.00E-04	0.07348386	1.00E-04	0.12343101	1.00E-04	1.00E-04
5.12349003	2.778919	4.20469704	4.66583152	4.23569473	4.9740945	4.90391284
0.54797959	2.55649772	2.51236761	2.26076739	2.54373605	1.00E-04	1.00E-04
2.04266068	4.45038731	5.55430979	4.82612309	4.6019368	1.00E-04	1.5469228
3.66220009	4.0969478	4.88311133	4.27398133	4.2493719	3.48980065	3.74259181
4.0154755	1.62507821	3.79089167	3.44766859	3.12941492	4.1708225	3.32267204
5.88682631	5.52187172	6.15657366	5.69489517	5.77036604	4.9862106	5.57367424
4.22252349	3.66301471	4.71063704	4.40031775	4.3922924	5.54583508	5.34781729
4.73939929	4.28367349	4.89141939	4.45729874	4.59489649	4.92905876	5.03838151
1.71318442	2.44865759	3.99281352	3.31141118	3.20014432	1.85279893	1.00E-04
2.26236208	1.00E-04	2.93104809	2.49865868	2.15649603	3.05898031	1.25127472
2.15114395	1.00E-04	3.76463127	1.63600558	2.22141562	0.89799762	2.8699695
0.06336707	1.00E-04	0.35261821	0.10087646	1.00E-04	1.00E-04	1.00E-04
3.96677284	1.90436908	3.66031312	4.16265379	4.03791484	3.58341718	3.5805526
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.18062648	2.69352227
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.68507417	0.93760436	1.38880918	1.00E-04	1.00E-04
0.21848183	1.00E-04	0.37267963	0.24237369	1.29746039	1.00E-04	1.73010138
3.92720176	2.97950688	3.48439989	3.19043959	3.26425659	3.73122336	3.56178165
0.79829872	1.21401935	0.4083481	0.84912899	0.68210235	2.48744564	1.18353654
1.06099745	0.72877389	1.27212838	1.12276246	0.99381731	1.00E-04	1.45351281
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.09863458	1.00E-04	1.00E-04
1.20292575	1.00E-04	0.08093755	1.00E-04	0.19324649	1.00E-04	1.00E-04
0.13394589	1.73276225	0.71172995	0.58464248	0.30396441	1.00E-04	0.9583037
4.54915048	1.14583798	1.50655046	1.38446899	1.7236829	4.71208727	4.35481361
1.06201882	1.00E-04	0.66428859	0.73494036	0.22315793	1.00E-04	1.00E-04
1.31049233	1.00E-04	0.80741418	0.78805819	1.44324788	1.00E-04	1.54391513
1.06969511	1.00E-04	0.22021827	0.08871613	1.00E-04	1.00E-04	1.00E-04
4.29234221	1.00E-04	1.33292832	0.71342241	0.91435003	1.00E-04	1.00E-04
3.33986978	2.24143568	3.53679364	3.77815503	4.09876492	3.1221488	2.87225519
3.94260827	3.53410346	3.81221161	3.59609187	3.78545203	3.81118212	3.81949656
3.55677913	3.22999434	3.2862802	2.89766766	3.07544244	2.89785544	3.21224894
1.00E-04	1.00E-04	0.08765397	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.67792387	2.7677916	3.98868033	3.6624672	3.80199257	3.70880859	3.19416266
4.96856394	3.8451881	5.08061613	4.64923428	4.62850186	4.84809582	4.95196365
4.16906685	2.60220571	3.40701521	2.75979513	3.22143798	4.62218119	4.79854764
3.35324014	2.48838149	3.20290816	3.30051352	2.85728173	3.56156874	3.94690244
4.6971952	3.41617157	4.02389463	3.49464167	3.85126699	5.06501518	4.8254367
4.53592864	3.66559476	4.25120639	4.13719844	4.27155996	4.33053258	4.98727009
3.22451902	1.00E-04	3.11992863	2.79016848	2.40623653	3.77686964	4.03965207
4.84941586	3.85152725	4.94057512	4.60158494	4.74597212	5.36311865	5.35109874
2.98832493	2.12756202	3.34468343	3.34941524	3.14431472	3.10633922	2.69675557
0.65294116	1.00E-04	0.10994644	0.58192228	0.37740187	1.00E-04	1.00E-04

0.74678562	1.00E-04	0.66659406	0.38976597	0.26033168	1.00E-04	0.56264051
4.96835726	3.49637301	4.16447998	3.88542056	4.06783321	4.72751965	4.76387899
5.2426198	4.4265018	4.87451157	4.97970146	5.02526927	4.95923829	5.27652827
4.8102494	3.56654908	4.28705854	4.63568213	4.71194689	4.80522308	4.91915365
5.20427932	4.1075217	5.37725893	4.62071019	4.69383817	5.65500957	5.85230325
4.77766593	4.17717405	4.77103303	4.77470065	4.90949535	4.89447089	5.21401971
2.17180383	3.24153175	4.10786202	3.42983862	3.25714616	1.28787782	2.68162663
2.08502129	2.10668936	2.46114708	1.44079404	2.11478079	2.97506416	3.44288523
1.23004273	1.00E-04	1.72956521	1.7859342	2.25772629	2.67434243	2.07698286
6.30603328	3.13885237	3.64292617	3.60848407	3.90189156	6.17295101	5.86427045
2.3519462	1.94283854	2.14600777	2.32198805	3.02190559	2.61841321	2.28292215
1.73669599	1.00E-04	2.07722192	2.73639989	2.30809104	0.68203783	0.316869
4.93988285	2.9510747	3.85102009	3.56478248	3.59766293	5.29818684	5.10530821
1.87521087	3.96776146	4.83775837	4.09369758	3.9741917	2.45566466	1.00E-04
3.84079103	2.15641467	3.51567935	3.21141601	3.00722965	4.06611145	4.401689
2.98927654	0.8339972	2.33342217	2.85900454	2.21517829	2.3845836	2.64372641
2.458744	1.00E-04	2.44957943	2.47959183	2.62801519	1.8523486	1.56643063
5.66934649	4.59802038	4.94992484	6.0380877	5.54513426	4.82393391	4.52555076
1.00E-04	1.00E-04	0.29514905	0.55342708	0.66748192	1.00E-04	1.00E-04
2.40694919	4.54732847	4.97696746	5.06812186	4.97487842	2.12825425	2.67913777
2.61220701	1.22771662	1.88090137	2.32342427	1.71491926	1.94864173	1.12342883
3.73321361	2.57548648	3.70915973	3.42759057	3.83116343	4.35775314	4.53102165
2.86297277	3.07407044	2.92298382	2.86905588	3.18051872	1.58893344	2.15751109
1.74869447	2.88120108	3.6293037	3.38193151	3.01252808	2.7406733	3.55169532
2.73188513	1.52103712	2.99044173	3.64834369	3.40588075	1.697467	2.59788994
2.54771622	1.15872716	2.13563847	2.10326787	2.39683912	1.64001363	2.14819607
3.26917505	2.83037884	3.1218599	3.42263371	2.94005297	3.35102528	3.7735788
2.80342554	1.2546033	2.36757022	2.02693916	2.71445912	2.30981979	2.85792289
2.97573406	1.80634889	3.23970941	3.78203494	3.75681094	2.57870273	2.66892626
3.3965253	1.00E-04	2.48261269	3.1686406	3.07980435	2.520145	3.24006539
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1.86223086	2.72646486	1.25973645	2.21754522	1.48541011	2.50337103	1.26135756
0.26333985	1.00E-04	0.35631083	1.04463346	1.00E-04	1.00E-04	1.00E-04
2.82396788	1.00E-04	2.48450485	1.84707111	1.76340116	2.20830877	3.33752298
3.17897886	1.23689606	2.80094388	2.34601932	2.56090069	2.40229669	2.05466396
4.3046613	4.4412088	4.20516096	3.93750574	3.79533353	4.2870022	4.23957354
4.42204572	3.04208896	4.13789261	4.0957968	4.37544743	4.47023394	5.0617225
1.66521692	1.95505239	2.84172057	2.77143575	2.83401027	1.29908874	2.80991197
3.13517361	2.97049658	2.19702664	2.32496993	2.37158146	3.50659759	3.74935229
3.77041259	3.05336972	4.07786271	3.98486792	3.89448283	3.53747978	3.7554695
4.54158625	1.94115836	3.59154437	3.96826025	3.86319444	3.93530045	3.7968982
0.30962507	1.00E-04	0.55564958	0.44782614	0.6451501	1.79759714	2.03970654

4.83020069	3.94254309	4.4093857	4.45117398	4.43870748	4.81339859	4.84608758
2.1870699	0.68407235	1.50342322	1.8898699	1.79000712	2.35077106	2.64751431
4.80180793	3.85187761	4.59115024	4.51519634	4.33636366	5.12532131	4.67816994
3.923537	3.36428234	4.09052412	3.94374834	4.0927441	4.3734223	4.54486779
3.1398384	2.12511501	3.26716578	3.30846325	2.75108732	2.84586869	3.22139932
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4.13222333	3.29675396	4.12455234	3.97749312	4.1935399	4.00336253	3.74191395
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4.60958916	2.7438331	4.65769166	4.73898274	4.55662727	4.18474009	4.70783344
5.98419677	4.84279049	5.59226433	5.56232714	5.72717274	5.75188219	5.75924875
4.79201675	3.03396247	4.46347846	4.23456538	4.59461023	4.49760641	4.60596357
2.81160699	0.8358776	2.6267525	2.41874096	3.27258938	2.18088695	2.49887382
0.45326172	1.00E-04	0.74443005	1.00E-04	0.10423273	1.00E-04	1.00E-04
3.06355781	1.1377045	2.93376678	3.36561551	3.39059975	2.71837221	1.71004988
0.74765628	1.00E-04	0.16789522	0.19494434	1.00E-04	1.00E-04	1.00E-04
1.62395405	1.00E-04	0.76426904	0.18115411	1.07038151	0.68203783	2.32079766
0.98328369	1.00E-04	0.17965725	1.00E-04	0.10452963	1.00E-04	1.00E-04
0.2626046	5.41174118	6.33446412	5.75313185	5.66832835	1.00E-04	1.769752
3.43367982	2.8583418	3.98938009	3.59140491	4.12661635	2.76135428	3.21963608
0.12225379	1.00E-04	1.00E-04	1.00E-04	0.32495382	1.00E-04	1.00E-04
0.72120925	1.00E-04	1.03857997	1.06146977	0.29639173	1.00E-04	1.00E-04
3.32196392	1.44608847	2.23475076	1.88671966	2.13978227	2.74923916	3.03229308
2.94818628	1.72144976	3.30432503	2.99532582	3.24791519	3.24204532	3.01184051
0.80283898	1.00E-04	0.64220395	0.27730933	0.11779102	1.00E-04	1.13658288
1.68523256	1.2101235	1.76612717	1.7221358	1.76522025	2.07942063	0.35134699
0.13394589	0.87612072	0.99127912	1.4604634	1.38733328	1.00E-04	1.00E-04
3.54869217	1.00E-04	1.29745338	1.21149966	1.43425763	1.66919724	3.23561516
4.50102298	3.91164933	3.84117903	3.51893277	4.14453261	4.58570141	4.63993023
3.79664264	2.78222389	3.2170148	3.60104704	3.35342075	3.17895262	3.90265003
4.00848425	2.69465853	3.5086956	2.95096199	3.03172153	4.28968668	4.64819192
1.00E-04	1.00E-04	1.04032044	0.54871445	0.35908492	1.00E-04	1.00E-04
2.85183265	0.79637057	2.00335288	2.15208268	2.22729803	2.19455664	2.29868554
1.09870788	3.57942004	4.41597099	3.0739809	3.11066683	5.33252608	5.36673524
2.86437567	1.00E-04	2.44490135	2.20696222	1.95215493	2.58001243	3.23727953
3.5892346	2.8616968	3.4114378	3.39590329	3.43196127	2.09738826	2.4791733
3.18995437	2.15110291	1.99000176	2.47983472	2.04082731	3.22298429	3.58839089
2.72671693	1.00E-04	2.87526308	2.62221948	1.65408935	2.84257456	2.43990967
1.00E-04	1.00E-04	0.34905874	0.38289055	0.49438119	1.00E-04	1.00E-04
3.22242369	1.00E-04	2.49693283	2.06851321	2.265325	2.82519895	1.66297117
2.67316919	0.68407235	2.16892015	1.76461905	2.18833766	1.69653076	3.27213158

2.11522024	1.00E-04	1.5172937	0.68264185	0.87492052	1.94670775	2.0686347
1.29545034	1.00E-04	0.81482887	1.95994052	2.25405698	0.82693741	0.49725191
3.05577938	1.00E-04	0.52526109	1.00E-04	1.00E-04	1.00E-04	0.62168103
2.69222112	1.00E-04	2.79660768	2.97363828	1.91767594	1.65508701	2.44605717
2.78748213	2.08924787	2.43832083	1.91282973	1.92516849	1.69044408	2.13729299
2.48725028	1.2795411	1.24071518	0.7915924	0.96466003	2.18411586	1.55578284
4.10362601	2.39549731	4.01439128	3.41893852	3.41333516	4.2336549	4.2308697
1.59694584	1.00E-04	0.82352391	1.06752404	0.95427642	1.00E-04	0.62168103
3.46856351	2.95419568	3.7347096	3.43789482	3.40665368	3.59643662	3.83582665
3.6694487	2.59437663	3.48013591	2.94950422	3.1779723	3.95893046	4.10745504
3.26558929	0.7902481	2.79012161	2.34939054	1.64928128	3.25041798	2.09465983
0.9499366	1.00E-04	2.02904006	1.59601295	1.09456117	1.00E-04	1.00E-04
3.51432705	2.41748398	3.47373594	3.03606805	3.71532034	3.41805199	3.70377884
4.06652772	3.17959103	3.6501474	3.65372121	3.0710101	4.08496575	4.45743756
1.74149601	0.71640521	1.496805	1.32197673	1.40144339	1.00E-04	0.56264051
2.12173604	0.72877389	2.13453049	1.60358038	1.21470188	4.08123476	2.53258527
0.89902685	2.85390194	1.20822035	1.53350772	1.24501522	1.00E-04	1.77713358
3.37324195	0.74506998	2.6506508	2.01567929	2.19850159	2.26955135	3.02226906
2.43983384	3.10082387	2.25500581	2.15419049	1.20933705	1.77403031	2.34962486
3.20370232	2.82304258	2.55311558	2.28268508	2.68926676	2.78206136	2.91924692
1.78974074	1.00E-04	0.71937086	1.59901229	0.94782313	2.02323536	2.0557566
4.17784982	2.74142917	4.15981243	4.32518535	4.50190115	3.4997485	3.64093355
2.55333704	0.68407235	2.70098729	2.16146266	2.44386205	2.39488056	2.61116302
1.00E-04	3.64291325	3.93984389	4.07309657	4.18015047	1.00E-04	1.1752166
1.53053881	1.1377045	1.37881069	1.56912002	1.25060104	1.58299976	2.05255281
0.09031792	1.00E-04	0.18855274	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.75185523	2.13792919	3.21820917	3.36001588	3.39645403	4.12916474	4.00352482
0.56806714	1.00E-04	1.49184245	1.65859154	1.17873348	1.00E-04	1.32208337
3.01687041	4.1494632	4.96716347	4.59727669	4.92967852	2.60349125	2.0330557
1.58614484	1.00E-04	0.35113227	0.55571027	0.62327312	0.71661629	1.00E-04
0.38209257	1.11722896	2.17824665	2.39776638	1.77948728	0.62567961	1.00E-04
1.89994303	0.87456952	0.9716431	1.18227646	2.14675563	1.9461086	1.40584245
4.49815411	3.60943516	4.64570689	4.21156791	4.35496626	4.5384826	4.8236891
2.41502339	1.65420127	2.03276735	2.61426268	1.50967994	2.26209384	2.32470444
4.48653395	4.65510418	4.57140032	3.79740228	3.70714991	5.42168397	5.5607146
1.49768675	3.03637894	3.27257962	2.98593287	3.15497823	1.00E-04	1.00E-04
3.8025587	1.00E-04	0.89363675	0.26345425	0.97486826	2.54930415	2.27688534
4.85740999	4.58777551	4.65975592	4.66227603	4.78009992	4.92162317	5.24385349
3.55752231	2.76023703	4.17215177	3.78483713	3.70316886	3.53563866	3.81695022
4.35204388	3.26600096	4.08472577	4.24139007	4.1418453	3.18906151	3.64076053
4.30858002	3.41862861	3.96784141	3.61445557	3.514203	4.58265795	4.75815944
2.67878073	1.6816494	2.94681099	2.8550888	2.79495427	3.16347865	2.97707866
4.03429214	2.8665914	3.53198857	3.30451043	3.12113016	4.2274438	3.76275725

3.99271978	3.11292133	4.26011473	3.96823025	4.10030355	3.35929336	3.57373068
4.39163354	3.34723899	3.6618472	3.68016155	3.19367835	4.2852166	3.88527999
3.852998	2.33044693	3.30076379	2.92898687	3.46373357	3.7958666	4.45776195
2.88967269	0.8339972	2.44051936	2.40744396	2.4235014	2.94656142	2.03351485
5.31489899	3.02317163	4.54323298	3.67412121	3.88638566	6.14916756	5.94423458
1.00E-04	1.00E-04	0.74163763	1.7461309	1.59663484	1.24245757	1.00E-04
3.7603767	1.28142983	2.88092222	2.48398042	2.44861637	3.44320401	3.88512855
2.84176792	2.24957271	2.7882145	2.52727809	2.62763428	3.67012814	3.45496293
4.27888165	2.44597669	3.41693844	3.3549263	3.51905166	3.84194224	4.16197528
1.00E-04	1.00E-04	1.00E-04	0.32066793	0.10372144	1.00E-04	1.00E-04
3.47686558	4.59950591	4.11628552	3.96669267	3.82145472	3.63635342	3.80936096
4.28173498	3.87188438	3.80876771	3.89817752	3.95238255	3.57617757	3.54758359
0.40373578	1.00E-04	1.00E-04	0.12271058	1.00E-04	0.81755274	1.25654185
4.41159249	4.02326813	4.72822316	4.13613051	4.47730173	5.08740501	4.97513398
1.46413691	1.00E-04	0.96181805	1.21984911	1.44615558	1.87245278	1.56406648
2.59251215	0.7902481	2.3700776	2.88747813	2.35675188	1.7885998	2.18945925
2.58360923	0.69779233	2.17077304	2.46903401	2.57931717	1.53574865	1.40124383
5.93671647	4.48886081	5.2102809	4.70885808	4.73769422	6.03768937	5.92872848
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3.19822255	1.82524762	2.70604528	3.54767198	3.12326397	2.48531612	2.80256777
3.98513113	3.24233244	3.83417801	4.29298643	4.26869322	3.07038736	3.02756693
1.96106283	1.2795411	1.87652232	2.35469165	2.40522718	1.80516192	2.12086182
1.00E-04	1.2795411	1.66335232	0.78553113	1.49177508	1.00E-04	1.00E-04
1.95710088	1.28620973	2.72420239	2.19512759	1.61603425	3.17324022	3.42379181
1.10102234	3.62265595	3.78507815	3.95154829	4.03823347	1.00E-04	1.00E-04
2.95042882	0.8358776	1.79623484	3.01393014	2.87580321	1.50597694	1.99568324
2.87054781	3.68509751	4.6559604	4.19661019	4.19491896	2.03222307	2.2560773
5.80347575	3.586167	4.90895729	4.56397403	4.69168	4.84808147	5.50777753
1.78667858	1.00E-04	0.66386439	1.22183754	1.84118513	1.99415147	1.90128105
2.68393792	1.2795411	1.71745763	1.50022598	1.62493055	2.69601207	2.40761929
4.92972902	3.36641159	3.71688955	3.12726682	3.35292294	4.49690791	4.10355739
3.63595924	2.70453651	3.32678557	2.81107282	3.13945907	3.69007672	4.13938929
0.4172123	1.00E-04	0.17833381	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32513622	1.00E-04	1.54311272	1.2216726	1.44747634	2.6663074	3.57048493
4.76039055	3.82211382	4.25007836	3.88219151	4.02349314	5.247598	5.08113526
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69801808	1.309432	1.71153497	2.17296837	1.37921743	1.00E-04	1.00E-04
3.37408687	0.68407235	2.67340173	2.88277286	2.99400585	2.35391748	2.87001985
4.03538643	3.56519068	4.19763067	4.1946109	4.55953536	2.88840732	3.63627011
2.03157041	1.47903019	2.46489395	2.74992867	2.61258143	1.8663403	2.59667775
3.40613243	1.23689606	3.38611063	3.12384604	3.2046145	2.91096907	3.69793858
2.99403494	0.69779233	2.62036672	2.2390334	2.97450704	2.97699318	3.56730739

3.33117259	3.48139569	3.45791151	3.63138987	3.37174413	2.96109625	3.19409735
2.46633923	1.00E-04	2.06121924	2.2204397	1.40947621	1.30734648	1.24366934
1.80339881	3.55258625	3.37568133	2.91219916	2.20902061	2.12218078	1.00E-04
5.52890105	1.00E-04	2.21817094	2.29605182	1.89495325	6.22409627	6.09034476
6.32467593	4.89961461	5.51543929	5.59118944	5.51449966	4.67430785	5.86210934
2.98388572	3.18129621	3.42204516	3.51166408	2.90197031	3.72037562	3.86648594
2.97411513	1.00E-04	2.85883019	2.73956842	2.70123752	2.75549746	1.55684272
3.26492882	1.72386698	3.39569778	3.26375418	2.99503407	3.29490916	3.31680816
2.90485556	0.74506998	2.66220602	2.10012149	2.29450528	1.35660971	2.58936964
6.15303473	5.24955392	6.19985514	5.65076237	5.76093218	6.34722226	6.60378418
2.85535287	2.89096616	3.72989742	3.18948887	3.44851531	2.71089318	3.23663808
4.09497817	4.88241705	4.5105286	4.81855434	4.4597925	3.99695284	3.99281342
5.80594427	4.38288784	5.16964343	5.0846689	5.2505794	5.39346827	5.86809952
2.77922954	2.09591247	2.72731727	2.4785451	1.94541531	3.41827621	3.22596462
4.8128454	3.63254231	4.21708825	3.93074269	3.78808563	5.11906467	4.9036595
1.4218193	1.3386578	2.09230185	2.56052698	2.26696295	1.00E-04	1.32722837
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17707887	1.00E-04	1.00E-04
2.26936071	1.00E-04	1.49907779	1.44001752	1.07564291	2.11995225	2.49016899
3.55848605	1.08649412	2.84792625	2.63770447	2.652856	2.92633617	3.22862918
2.36249783	2.07215883	2.45979801	2.07233978	2.31102607	3.41771027	3.11875415
1.06025188	2.87105092	1.48154599	1.07762413	2.1057993	0.93702359	1.00E-04
2.47213921	1.47177784	2.58593471	2.31777845	2.24027959	1.84574405	0.7551454
3.39379198	2.10639689	3.37529425	2.53692845	2.69036344	3.4225718	3.51471437
5.09709197	4.37303272	4.64392098	5.18416727	4.68103638	3.65759395	3.84254297
5.6289174	3.74237879	4.92836429	4.98502128	4.81733556	4.52087861	4.79698649
4.86078585	2.84783732	3.66741742	4.14878281	3.94489821	5.43655764	5.50880512
2.65942905	1.00E-04	1.92782421	1.43488536	1.42283705	1.15746526	2.19545386
1.56483997	1.00E-04	1.26540386	1.77770567	1.06050054	1.89472062	0.7592156
1.00E-04	1.00E-04	0.0779111	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22387635	1.45816887	1.56078317	1.917146	1.51296359	2.036828	2.00487275
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1.96782559	1.1377045	1.79634964	1.42403439	1.40573212	1.11641065	2.36832313
0.43208291	1.00E-04	0.1066364	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.64638003	1.00E-04	1.94830603	1.62433074	1.50289669	2.48622052	3.24733281
4.16961076	3.66544733	4.2788535	3.63937525	3.96462337	3.63302547	3.39818722
4.03256653	2.77534554	4.06057275	4.36523396	4.21040454	3.40041885	4.20747895
0.47546482	1.00E-04	0.23181567	1.00E-04	1.00E-04	1.00E-04	0.97863975
2.7718406	1.33582455	2.03814076	2.90570918	2.38060666	0.93702359	2.22010278
3.39133715	0.8358776	2.92717712	3.43512762	3.4741558	3.60471209	2.78847784
1.00E-04	2.82461101	4.09659931	2.9441486	3.40801311	1.00E-04	1.13658288
4.9072226	3.84790666	4.79618159	4.49026155	4.83820198	5.14966798	5.33069995

0.2968237	1.00E-04	0.08746931	1.00E-04	1.00E-04	1.33356452	1.50501804
4.32983492	3.5181125	3.96441395	3.87132951	3.37055393	4.86999791	4.79100419
3.36470031	1.78246371	2.98280002	2.38520099	2.61496934	3.20597584	3.42400953
2.72166358	2.86796799	2.69187335	2.85011926	2.99043676	3.14069373	3.45381044
4.56401771	4.09906012	4.4990745	4.59166258	4.50145417	4.06073058	4.40559143
1.96393865	0.72877389	2.23781751	2.32650418	3.20160546	1.00E-04	1.75803756
2.98371886	1.00E-04	2.844587	3.37110462	2.89412821	2.49717648	2.44253901
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3.69340973	1.10480104	2.90565202	2.48052451	2.32751583	3.21976304	3.63852321
1.85582941	0.7902481	0.57294618	0.90249022	1.60431452	2.82786107	2.28250144
4.02057185	4.01206539	4.2751001	3.86660218	3.56400487	4.55255003	4.40238454
0.76602075	1.00E-04	0.61667928	0.6671775	1.88864816	1.69877961	0.56264051
1.00E-04	1.00E-04	0.25724331	1.43984085	0.09863458	1.00E-04	1.00E-04
0.51704022	1.00E-04	1.00E-04	0.33477821	0.24922568	0.81755274	1.00E-04
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2.06652373	1.00E-04	1.11959539	0.79113026	0.8556683	0.81755274	1.68250423
3.25027322	2.32846617	3.15666754	3.08420166	3.42384993	2.1118513	3.29973499
5.45370409	3.44771937	3.96950033	3.22101913	3.72586208	5.62129246	5.82649838
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2.0968637	1.00E-04	0.79241978	0.53478062	0.43151731	1.43737218	1.34365552
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.89819999	1.00E-04	0.32101039	0.63904545	0.58864777	1.61734781	1.13786198
0.6414905	1.00E-04	0.23391291	0.10695841	1.58223827	1.00E-04	1.00E-04
2.23098164	0.8358776	1.28320323	0.73051451	1.84064392	1.26746226	2.02409856
2.5331186	1.8932771	2.65918811	1.78774785	2.01628814	3.00424184	1.57098792
1.29978311	0.68407235	0.53370775	0.55867635	1.11248676	0.94371668	1.1752166
3.01024135	1.67051148	2.18957861	2.47786705	1.94602057	2.90617611	2.16841879
3.09015807	3.60794366	4.33125926	3.35416095	3.86082764	3.2643799	3.71866779
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10452963	0.81261445	1.00E-04
2.40552556	3.03461594	2.35643125	3.34819025	2.78836305	2.49056962	0.56264051
4.32990802	3.79305225	4.57728007	4.27232762	4.50416891	5.65577159	4.85586212
3.12887837	1.93748995	2.71402686	2.36593464	2.97856613	3.16742905	3.20719782
3.51026782	2.61764041	3.82474536	3.8191523	3.86672253	3.71760583	3.69860997
2.40995666	0.71640521	2.19114281	2.35237381	2.09559663	0.68203783	2.7163452
5.41059516	4.57899138	5.02415221	4.7219225	4.84710545	5.51097578	5.67839498
2.27259905	2.51469542	1.87711347	2.21140104	1.82512947	0.78141142	1.5455986
5.01766497	4.82314462	4.94071666	4.43766457	4.59391658	4.80403991	4.95711127
4.39406045	2.18452146	3.50798781	3.04565951	3.54611126	4.34487125	4.55168688
3.20383725	1.21780923	2.30024375	2.02718583	2.68103059	2.81075488	2.81429752
1.0074071	4.061288	5.08574917	5.16302714	5.04287727	1.00E-04	0.94970493

5.19042593	3.91595192	4.85147266	4.43836285	4.45700803	5.44876884	5.50491399
1.90161379	1.69844937	2.69579133	3.01667275	2.58909272	1.67795436	1.00E-04
0.94264829	1.48768522	1.70683813	1.51304346	1.46967617	1.00E-04	0.7040554
1.12034437	2.99988569	0.80900053	1.55951454	1.29756187	0.94543129	1.93833032
5.48272733	4.53093708	5.02755535	4.89959821	4.79869158	5.18035551	5.12748179
2.98060438	1.98483233	3.33384726	2.52714231	2.74411413	1.93672441	1.55967295
0.76927033	1.00E-04	1.00E-04	0.30430788	1.00E-04	0.93702359	1.00E-04
4.51482513	3.79351963	4.07989944	4.08647938	3.93332679	4.21813689	4.18274852
4.28494466	2.82289231	3.93453164	3.22219273	3.41583628	3.80760542	4.36869708
0.85403399	1.00E-04	1.74704652	0.73659986	1.86436212	2.00864037	0.81245127
2.89728262	0.68407235	1.08091593	1.03904481	1.1881616	1.15746526	2.72554915
2.60505535	0.87456952	2.5286053	2.90857112	2.82944584	2.30653196	2.35317617
3.10743013	1.00E-04	2.71240967	1.78987341	2.4437066	3.18291716	3.66117249
3.23766985	1.00E-04	1.95374223	1.77645786	2.78838599	2.41494693	2.259557
4.42029178	2.7571505	3.98606277	3.72025949	3.69623411	4.68490545	4.68430873
1.00302025	1.00E-04	0.79294092	0.6327656	0.77731571	0.94908439	1.00E-04
2.33397722	0.8339972	1.87466783	1.87873444	1.57572367	2.45362945	2.02938173
3.13402644	0.74506998	2.50084964	2.21168753	2.67994188	1.91838164	2.29778718
0.91912734	1.49525811	1.72958482	1.67410147	1.43216563	1.85077941	1.94149916
3.74684661	2.31266501	2.97755464	2.71971467	2.60620713	3.61618957	3.60140965
2.4135766	1.16296659	1.50810863	1.17275184	2.02121706	2.75888204	2.75059134
2.34383561	3.41448202	2.50948574	2.40174753	2.18094	2.12672544	1.69481775
2.4562417	1.00E-04	2.22705833	1.79252393	2.54671189	2.50049954	3.19854497
4.09283045	1.14856053	3.17604913	3.04081038	3.40376862	4.14515942	4.42969296
4.64815398	2.115979	3.31036612	3.44525859	2.81239679	4.41031204	3.87008529
5.42784921	4.46473655	4.93400222	4.56557277	4.56372323	5.57215366	5.62352792
1.80966992	1.00E-04	0.72050627	0.61873894	0.31029039	0.62567961	2.28751608
1.08030367	0.87612072	0.71592774	0.81687235	0.45802348	1.53062724	2.04802554
1.74851518	1.00E-04	0.68635422	0.34215284	1.00E-04	0.46029024	1.10457566
2.92949293	2.29950626	2.73555913	2.12269454	2.3582698	2.99074948	2.52182071
3.8843098	1.80795307	3.51841715	3.03752275	2.84875324	4.12757886	4.21322753
1.15624873	1.00E-04	1.98784277	1.08789613	1.44749205	1.00E-04	1.52073494
3.75292619	1.4339196	2.93215635	2.89436514	2.57748936	3.41615221	3.97751477
2.12642088	1.3386578	1.73426971	1.79255947	3.2817674	1.8951245	2.43125742
1.70351756	1.00E-04	1.6912022	1.68996485	1.60901776	0.81859263	2.3891927
2.9051863	0.87456952	1.19359061	0.66063223	2.13066439	0.95102466	2.32251372
3.36678302	1.3386578	2.89664517	2.88497348	2.76587397	2.57727375	3.29966673
2.47128419	1.84267606	3.09479171	3.02503749	2.74741254	2.57651435	3.19473389
2.4066929	1.00E-04	1.29227912	1.93075808	1.22777326	2.50773251	0.68773152
2.00882288	1.95263806	2.35289729	2.16237703	2.23360584	1.06582712	3.24638217
2.30288666	0.79637057	2.20870458	1.73495656	1.6625037	1.43323853	2.78757159
2.1920855	3.1497941	2.28859279	1.73469454	2.63818397	2.47063193	2.76504983
0.55824074	0.71640521	0.31769428	1.32200325	0.81096886	1.00E-04	1.00E-04

2.08457075	1.00E-04	1.42425844	1.97560788	1.09043584	1.22667441	1.44194858
1.86175792	4.15748752	4.63152979	4.059433	4.24262047	1.38403515	2.91873399
3.20627728	1.00E-04	2.52457428	2.45123202	2.72516113	3.1151983	2.82610948
1.72315651	1.00E-04	2.07392878	2.11307023	1.79164244	1.00E-04	1.1787663
1.92356006	1.00E-04	1.48364758	0.99812834	1.80803139	2.08657542	1.26435967
2.69591813	0.87456952	2.17783867	1.63659234	1.92771157	1.00E-04	2.56261133
2.70372294	0.7902481	1.95862801	2.19682494	1.88118223	2.23969072	2.29532442
1.55193597	1.00E-04	1.3407323	0.74469434	2.04033462	1.29084398	0.7070202
1.00E-04	0.69779233	1.2086071	0.8212239	1.0464421	1.00E-04	1.1787663
4.49279525	3.85713021	4.22019509	4.00941372	4.24313443	4.30309473	4.40226465
2.32257315	1.00E-04	1.93473254	2.83659856	2.11794898	1.00E-04	1.61825882
2.12857798	1.54789829	1.91968615	1.76066122	2.35833066	1.90977711	2.14885246
1.89903697	1.00E-04	2.17085932	1.02357755	1.27305653	1.66705896	1.73386313
1.97555066	2.36205962	3.14756978	3.02932441	2.62354507	1.3346156	1.00E-04
3.94027249	1.00E-04	0.92973674	0.59351512	1.05043473	2.53345767	2.24640052
4.29783287	3.0045993	3.73072628	3.56157008	3.32018113	4.06467051	3.48200948
1.61948406	1.00E-04	0.77954022	0.70427805	1.57226476	1.00E-04	1.45942308
4.14929547	1.79273679	3.39457574	3.21130175	3.62003482	2.04445604	2.35463545
1.4010538	1.16726039	2.28390685	1.48427417	1.69181304	2.0527146	1.00E-04
3.4344496	1.2795411	2.27453444	2.29776667	1.92086851	2.77028027	3.59602868
2.19741673	1.00E-04	1.95349629	1.23882705	1.93095033	1.00E-04	2.06123165
2.67045876	1.17452218	2.64571276	2.25765415	2.94439192	2.72407135	2.0336931
2.70072259	0.87456952	2.15136426	1.9829746	1.5795207	2.33287771	0.9906856
1.48118005	2.30569981	3.31567449	2.88696682	2.70856362	1.61809332	1.53899517
2.42243325	1.57328956	2.99636954	2.42846626	2.71813209	3.19008485	2.16698537
1.10923424	1.00E-04	0.96319249	1.35415177	0.92677892	1.23207095	1.54867823
2.05492367	1.00E-04	1.20502354	1.71177583	1.55233161	1.33356452	2.16567878
1.43054038	0.92068596	1.35667416	1.39562202	1.91506338	2.2159486	0.48671447
2.15492593	1.13651828	1.40771363	0.8904822	1.98531175	1.50220894	1.24011905
2.2267243	0.68407235	1.99765987	1.23059722	1.7520491	1.58199373	0.8126727
4.41218483	3.01637582	3.73654714	3.54024935	3.44254955	4.5180471	4.50612968
0.97550203	1.17452218	0.59183789	0.69547904	0.45193141	1.6373035	1.69550983
3.65435318	1.9652204	3.50707615	3.67720728	4.02842976	2.72820836	3.04026721
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2.46093651	1.48550561	2.02520562	2.11628768	1.60196063	2.73934504	2.86654761
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2.6091916	1.00E-04	1.28991441	0.38931061	1.20155109	2.22354863	1.72329738
1.88685247	1.00E-04	1.136105	1.66356485	2.03031471	1.63508003	2.72020392
3.03214246	2.75871625	2.88420152	2.47536499	2.91921828	3.05307956	3.22838528
2.77827402	0.69779233	2.55339909	2.61453994	2.714219	2.51118584	1.56707535
2.23889796	0.72877389	1.90583982	1.49801935	1.39736453	1.83842314	1.88708585
1.45267727	2.02353915	2.82437508	2.3438514	2.06189067	2.6898461	2.65409212

2.13825959	0.87612072	1.38857026	0.90392768	1.28544086	1.77128773	1.00E-04
4.05150999	1.73133891	3.65749263	3.19703397	2.9930262	3.85623812	4.10407067
2.43904289	4.36855445	2.32705083	2.06583882	2.16516234	1.20855161	1.73221809
3.29057957	2.99272773	2.82018952	2.15653176	2.26429957	3.90458666	3.3993903
1.8039446	1.00E-04	1.38894066	0.88507411	0.93130374	2.36290953	2.34104394
3.2547511	1.00E-04	2.56841481	2.07179051	2.21901617	3.2465954	3.55551631
4.34184633	3.01449033	3.88098259	3.88357491	3.83894139	4.66752735	4.42280563
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.48646539	1.00E-04	1.16883649	0.85532016	0.89083896	2.25957416	1.91706933
3.23766578	1.37137101	2.06593669	1.9265077	2.13196604	2.76100516	3.59948514
4.34590634	3.68361835	4.02625394	3.81063959	3.69995797	4.53436086	4.11941235
2.76308651	1.15660655	2.20325394	2.59051936	2.37825228	2.26586173	2.41111015
1.96427802	3.19605948	2.59499788	2.29035891	2.22831176	1.52935205	1.74134851
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1.10228668	1.00E-04	0.79430186	0.86829086	1.16438718	1.00952146	1.53188868
0.59300981	1.00E-04	0.99955254	0.54113958	0.78187828	1.00E-04	1.00E-04
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0.17385489	1.00E-04	1.12083944	0.77142309	0.80449924	1.23897179	1.00E-04
5.73017002	4.29991611	4.7338081	4.33805264	4.43356538	5.77720401	5.80620099
2.70677362	0.8339972	2.22635631	1.74791594	1.39195826	1.00E-04	1.54180189
1.61603562	1.00E-04	0.83173871	0.59883755	0.74227404	1.03647332	1.00E-04
1.73580357	1.00E-04	1.92650396	1.23190296	0.88317243	1.00E-04	1.26389675
1.68700817	1.00E-04	0.89659458	0.75928877	1.14896388	2.34196563	2.62282106
1.84216207	1.00E-04	2.12811739	2.00871611	1.98276795	1.39046758	1.01864576
2.18359712	1.3106013	1.89079899	1.25542954	1.78892344	1.4768384	1.59436796
1.46322906	0.69779233	1.51096099	1.82391816	1.94338562	1.21464768	1.00E-04
2.13713768	1.25845589	2.65338147	2.51422625	2.62740448	1.14387869	2.77024294
2.59785052	2.04326347	2.45426622	2.2943059	2.42331043	2.88027547	1.99107482
3.60035227	1.28352536	2.41252577	1.98410132	3.0484863	2.42636818	2.51073426
1.37941778	0.8339972	1.10944438	0.82713332	0.93334807	1.25061534	1.19765365
2.58636079	0.71640521	1.53574352	2.13508665	2.21495406	0.94908439	1.90342297
3.16096462	2.72090464	2.54746902	2.53345741	1.91658389	3.23021575	2.03381971
1.63594728	1.00E-04	1.75952298	1.72747652	1.46831757	2.00708437	2.00296604
4.02055137	3.65334389	3.69326537	3.86967683	3.4899355	4.49836477	4.37683976
2.96405754	1.71539206	2.61700376	2.16216047	2.59034065	2.68346405	3.07263364
2.87545599	2.8429912	2.75525565	3.61639629	2.58100712	2.09794033	1.66811338
3.27625039	2.44106931	2.41288363	2.00974842	2.17435494	3.69149683	3.66135861
2.53696483	1.00E-04	1.1860962	1.23555661	0.69198218	2.31413175	1.43006638
3.14747276	1.83359364	2.89608978	1.9727622	2.61513016	3.1464363	2.69383221
3.09221818	3.48917754	2.45286268	2.22686955	2.46312281	3.02759236	3.15392147
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2.21108034	1.24426431	2.373194	1.94589439	1.73322911	2.74530709	1.96450039
2.00586882	2.51439427	1.65487053	1.83994596	1.05840679	2.20844602	2.53522228

2.95178063	2.99032564	2.74623544	3.00359657	2.68839137	3.51109767	2.41150218
1.91584457	1.00E-04	1.57716092	0.95315267	0.99024707	2.11301875	1.12396442
1.31765716	0.68407235	0.95835672	0.78931127	0.95899436	1.00E-04	1.67832518
2.83996835	1.17148784	2.9577832	2.08380996	2.65867636	3.6906427	2.60724922
2.59666453	1.25074513	2.6186322	2.44941466	1.82669887	3.26088348	2.83693608
1.057326	0.68407235	1.53491953	2.20510233	0.94546007	1.00E-04	0.9583037
3.26395398	1.74225253	2.73753174	2.06382236	2.14292586	2.84179002	2.98649216
2.9590418	1.21780923	2.16957287	2.10912774	1.61171669	2.9309401	3.00839517
0.92179296	0.87612072	1.75673995	1.07976537	0.98729273	1.29020908	1.26691255
2.71227877	0.92068596	3.15243655	3.03765388	3.15203294	3.02482846	3.25047382
1.90446461	0.87456952	2.19757667	2.45780808	2.82847081	1.00E-04	2.19808538
3.29091237	1.28232395	2.69086444	2.40052508	2.29493588	3.43483736	3.24120538
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42776705	1.00E-04	0.19624398	1.00E-04	0.11746998	1.00E-04	1.00E-04
2.87511532	1.00E-04	0.86074881	1.77290999	1.76256081	2.7665466	3.21855355
4.29671003	3.64577631	3.78273722	3.6454839	3.47820954	4.41105305	4.5197351
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3.04579752	1.00E-04	2.54779402	2.11301407	1.94354058	3.14917819	2.90217569
3.42940739	1.12769243	2.80686297	2.59811516	3.43347261	3.3281797	3.1961565
2.03229344	1.00E-04	1.72104046	1.86356731	1.56457769	1.51042251	1.94638565
0.8199916	1.00E-04	0.26339671	1.00E-04	0.1253092	1.00E-04	1.00E-04
3.03380601	1.00E-04	1.39010148	1.11951055	1.15100657	2.07802472	2.2263156
0.17385489	1.00E-04	0.63438412	0.10426514	1.26063611	0.95102466	0.49725191
0.95130047	1.00E-04	0.06880281	0.43915445	0.77603965	1.21290128	1.00E-04
3.38249059	0.96847026	2.04535055	2.06190823	2.00854269	3.32102679	2.54966795
4.48267793	2.52100195	3.78720565	3.14704365	2.94637229	3.51076621	3.63118091
1.12236206	0.69779233	2.12374183	2.63031028	1.49057398	0.84473467	1.00E-04
1.80738207	1.00E-04	1.2595053	1.84937539	2.22743441	1.38951674	1.00E-04
2.79895079	2.13093834	3.13518905	3.11862249	2.72822013	2.49511683	3.44796215
1.00E-04	0.74506998	1.40644885	0.6840151	0.95850462	1.00E-04	1.00E-04
5.35787855	3.98910185	4.93767644	4.31479227	4.49627807	5.65305126	5.73982084
2.00481034	0.7902481	1.78499486	1.78409203	1.33277661	1.23897179	1.68804751
3.30989883	1.00E-04	1.83400419	1.42670994	2.50251317	3.46409322	3.39169644
3.89469599	2.41168196	3.52769737	3.32211799	3.44967306	3.99980789	4.40729697
3.05679453	1.37027069	2.81373806	2.78488618	2.67767299	2.44929109	2.58121736
2.13291883	1.6116169	1.28053309	1.54081592	1.56323717	2.0176605	1.26004816
1.41288116	1.00E-04	0.87788304	1.23225777	1.00004248	1.44285054	0.87970072
2.26096087	1.19089243	1.75203953	1.43007536	1.30851371	0.46029024	1.66294279
3.19801969	1.98356212	3.00070346	2.21063442	2.79352749	3.03291608	3.51014841
1.00E-04	2.80472712	3.40023505	2.52988392	2.31476222	0.86494787	1.00E-04
2.20820629	1.82790695	2.04387472	1.67450358	2.0573156	1.73714934	1.83521118
2.45676493	0.68407235	2.69743145	2.56144214	1.90666713	2.32826857	3.16219767
3.16414254	1.22644621	2.92807601	3.18526551	3.2540807	2.6794338	2.17920753

4.29462016	1.43525386	2.47379701	2.08271504	2.88119977	3.60288987	3.88220636
2.06250141	1.00E-04	1.98869517	2.38801283	2.10203861	2.1048981	2.78194589
2.21247104	1.00E-04	1.7064062	1.25167373	1.03112461	1.76672589	2.18831831
1.08471386	1.00E-04	1.51567641	0.97186138	1.07529612	1.96655952	1.50363461
3.69197762	3.12956082	3.65229754	3.03666395	3.23215755	4.49898661	4.14023757
3.37010389	3.09039436	3.54064833	3.16225968	3.11557558	3.72774043	3.47813223
1.89249373	0.71640521	2.06171931	1.80465863	2.28682017	2.3342282	2.36533531
2.19772776	0.8339972	3.13703311	2.41448843	2.39068005	2.58299585	2.41581538
4.1306419	1.74635654	2.84372798	2.98215518	2.82485224	3.62325245	2.7031099
2.12073696	0.7902481	1.30855775	1.16318595	1.42875278	1.00E-04	1.29804773
1.37418564	0.68407235	1.57073619	0.54793123	1.34520264	1.66755606	1.80573938
2.43402227	1.20883053	2.27335697	1.7011808	1.89646444	2.73774394	1.30639614
4.54958226	3.46796418	4.02113583	3.56711867	3.76598468	4.90342941	5.16720374
1.44258336	2.15739104	2.54320075	2.09500051	2.17376892	1.48456342	1.00E-04
3.12908301	1.84843002	2.26926776	1.8391562	2.59061389	3.02982375	2.86591969
2.14440283	1.79626576	2.09704255	1.7632335	1.92475137	2.39853816	2.55869186
1.00E-04	3.05583569	4.21814949	3.74553728	3.37831879	2.40359888	2.12067025
1.42356415	1.00E-04	0.88320027	0.49388096	0.56269758	1.00E-04	1.00E-04
1.24678501	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30265481	1.00E-04	2.06962096	1.77263374	1.35008874	1.00E-04	1.71665002
2.04628316	2.4887714	3.25842366	2.65003112	2.68939303	2.31659854	2.47507624
1.30637862	0.87612072	2.50526791	2.23246317	2.6275567	1.36015338	0.7214142
1.00E-04	3.00395053	4.0382703	3.43472925	3.28545555	1.18371736	1.00E-04
1.84144459	1.78747783	0.92089913	1.83607807	0.92104737	1.00E-04	1.39686577
2.82419262	1.7843462	2.7490004	3.09921634	2.73931138	3.0335711	2.63199753
0.65900557	1.82088871	1.92427745	1.32426581	1.23564104	2.07348237	1.84785179
2.48023636	2.64584252	2.06567239	2.37380053	2.0470485	2.86125528	2.46327822
1.46995464	0.68407235	1.03462333	1.84136234	1.15348613	2.08010657	1.00E-04
3.53475498	3.52663721	4.25443443	4.39336365	4.75809926	2.91447285	2.7614079
3.05490603	1.89691666	2.49461173	2.02752455	2.03116385	3.39157824	3.53979368
1.05087472	2.31974776	2.92136901	2.32011878	3.16169491	1.32413304	1.41023361
0.10286354	2.09735999	2.75209474	2.59714706	2.36803362	1.00E-04	1.29369506
1.03055824	1.00E-04	0.57273809	1.81383102	0.85203555	0.71661629	0.7214142
1.51692885	1.00E-04	1.31741052	1.24480877	1.11123232	1.22204221	0.40038755
1.9461326	1.00E-04	1.23649652	0.99427109	1.16170108	1.00E-04	1.00E-04
0.48793209	1.29286903	1.33268487	1.2158951	1.09279461	1.00E-04	0.83430531
3.51673266	2.48702917	3.69395831	3.4325632	3.49089322	3.01749985	3.67773147
2.73620184	0.92068596	2.31029062	2.84005328	2.76522805	2.33545594	3.48104384
2.14665202	1.59450315	1.62334448	2.78240336	1.60595177	1.43614335	1.43623039
3.96513536	0.69779233	3.23704353	2.91488028	3.04433706	4.31479116	4.37428166
1.28189039	1.25845589	1.5840236	1.61025897	1.57797069	1.85285205	0.79505536
2.05917988	1.56839355	1.72768777	0.9641342	1.52510934	2.19627175	2.18511603
1.79622834	1.67641188	2.18539312	2.44249178	1.98303818	2.03740618	2.12890917

2.54280422	3.83529128	4.32921436	3.78707733	3.70312611	3.27080041	2.61309804
2.07240617	2.80853584	2.4194676	1.95561394	3.18608078	2.35366745	1.66837477
3.82647045	3.45912017	3.80168473	3.6373992	3.37623014	4.2603297	4.1952075
3.31808416	2.34552193	3.42945372	2.93614143	3.39622129	3.17040058	3.60091751
2.73496137	1.00E-04	0.58104067	0.19894961	0.1216717	1.00E-04	0.93074312
2.99435438	1.4493434	2.41642326	2.96623485	3.11064153	1.70569865	1.9411565
1.60038351	1.00E-04	0.92192858	0.70154913	0.92448229	0.94543129	1.67263139
1.33662199	1.00E-04	2.05886681	0.99906437	0.87410494	1.65530692	1.00E-04
3.28769399	0.7902481	2.76686721	3.32172371	2.28839785	2.69996408	1.77780946
3.8048714	1.72309366	2.69982783	2.26474713	2.5587482	3.17343407	3.54482321
0.2528596	1.00E-04	0.1987754	0.74830965	0.21153079	1.00E-04	1.00E-04
4.17977687	2.96819698	4.05553383	3.34996184	3.51520786	1.00E-04	1.40282442
0.19984034	1.00E-04	0.23939051	0.0848519	0.34992821	0.86319656	1.00E-04
1.2997501	1.00E-04	1.0320815	0.60172057	1.64887665	1.72910314	1.20679676
1.00E-04	1.00E-04	0.196489	1.00E-04	0.31100598	2.38793804	1.00E-04
1.25453334	1.00E-04	1.24025605	0.70584074	0.97046319	0.86494787	0.98062892
2.67060972	1.61569811	2.82125885	3.2248208	2.7245076	2.96488317	1.33042568
1.26741261	0.8358776	1.56553888	1.53156766	1.60240205	2.07909601	2.04837358
0.58036049	0.8358776	0.07348386	0.65480411	1.00E-04	1.00E-04	1.00E-04
1.5002457	1.00E-04	1.16780818	0.84112612	0.82841587	2.72741562	1.91098643
2.30080111	1.2795411	1.68061851	1.68419794	1.51199942	1.95306661	1.80542763
1.48713817	1.00E-04	0.77478279	0.41212313	0.46672327	2.12876953	1.22245167
1.62000609	1.28472534	1.32376737	1.09442721	1.02883617	2.28014455	1.83502619
2.08657372	1.00E-04	1.22352891	1.64402284	1.20314541	1.00E-04	1.37710741
0.69808361	1.59175164	1.01220782	0.97854232	1.03645394	0.94371668	1.19342287
1.67679611	0.87612072	1.63692116	1.08095809	1.3974413	1.93718632	1.65374659
0.41862068	1.00E-04	0.74938707	0.58613923	0.38474605	1.00E-04	1.00E-04
2.83623871	3.15736503	2.14504849	1.94695391	1.92051779	3.1302576	2.9467184
1.33382948	3.39821214	2.47683129	2.40336322	2.10264558	1.00E-04	1.36262041
3.30829693	0.92068596	2.37049667	1.95339238	2.18721695	2.64425176	2.65045468
1.00E-04	1.00E-04	0.0688269	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22649545	1.00E-04	1.01237528	1.17771093	1.51158482	1.4260639	0.316869
3.75203762	2.90087956	3.16032061	2.84373753	2.79167142	3.72470011	4.15302414
2.24569327	1.94453042	2.27047587	2.05694126	2.10015834	1.95793071	2.59323854
2.60736421	1.63633689	2.70321615	2.35809665	2.60366248	3.319092	3.21520528
3.47789421	3.39955022	3.31730201	3.4325843	3.20042432	3.33190934	3.59379638
3.55783973	2.23416698	3.12560179	2.92859	2.67761515	3.04052374	3.33455699
3.71482472	1.12950432	3.47680932	2.99285644	3.02466308	3.38606458	4.30835017
1.66361095	2.8120107	2.90076944	2.52935613	2.62817049	2.30358435	2.48945507
2.66022786	1.92706848	2.45710474	1.92625541	2.01207937	3.2842711	2.42154132
1.44713474	1.00E-04	1.53488145	0.52110509	0.22997106	2.20176127	1.26671309
2.31091472	1.71460921	1.63711933	1.47400383	1.40301452	2.71867953	2.1167777
1.54773974	1.25509001	1.78048182	1.59794615	1.78938368	0.97058651	1.97729814

0.7403851	1.00E-04	0.46866287	1.0447586	0.65267937	1.00E-04	0.81996147
1.33664869	1.00E-04	1.4993084	1.45361547	1.9286702	0.93702359	1.00E-04
2.16950344	1.24533636	2.18118593	2.02981566	1.85316658	2.46886178	1.90852221
2.0697233	1.52102673	2.36565694	2.60701373	1.75690067	1.00E-04	1.46644486
2.05550553	0.68407235	1.91200611	1.40251676	1.53506886	0.62567961	1.20858306
3.30050123	1.00E-04	1.6698849	1.86473283	2.70017726	1.00E-04	1.78249289
2.03295053	0.87612072	1.26223166	1.21977265	0.96785553	1.00E-04	1.20599109
2.16505898	1.00E-04	1.82843755	2.31319755	1.7100884	0.79958263	2.33601644
0.94356033	1.68344785	1.61097258	1.20987854	1.83458379	1.28787782	1.52813976
2.32810948	1.00E-04	1.42278621	0.63036001	1.04684117	1.00E-04	2.03128147
3.09764763	0.8358776	2.53525757	1.85361292	2.16636835	2.59504392	1.82722115
4.38527358	2.56563384	3.6832839	3.31731005	3.54233162	4.46772252	4.35017757
3.00633304	0.68407235	2.7325417	3.31030559	3.25883944	1.74327884	1.15885295
1.8898443	1.00E-04	0.97796531	0.72693629	1.06207993	1.61893901	2.01145744
3.23306319	2.21801948	3.37990946	2.96744119	2.82774081	3.19660366	3.30525189
2.8813104	2.29580477	2.81264033	2.62723035	2.66228708	2.49559859	1.77338017
1.5543431	1.00E-04	0.91926705	0.5276568	0.56519188	1.00E-04	2.14270653
1.9651001	1.00E-04	2.18778272	1.76795236	1.82237866	1.00E-04	1.46243678
0.63190965	1.00E-04	1.68226853	0.76419351	0.66432645	1.33356452	1.00E-04
3.04492792	1.82416618	2.88031407	2.23137455	2.29554225	3.35778924	3.1348259
1.5317026	0.68407235	2.65649868	2.53611701	1.3922432	2.55611513	2.12009837
4.45936113	3.91120873	4.44171508	3.97245852	4.16155809	2.03860322	3.07525808
5.47017751	4.86562248	5.26189842	4.95444582	5.18724078	6.47571005	6.75616607
2.29183123	1.18676999	2.00742271	2.00443406	2.53255981	2.3269921	0.49725191
3.15195306	1.00E-04	2.11272596	1.99200696	2.05860011	2.65616101	3.30240543
1.3246924	0.8339972	2.18416936	2.20023897	2.0362135	1.00E-04	0.54053641
2.76287959	1.53447714	2.68755254	2.27991709	2.44281164	2.57793362	1.96153721
2.85700193	2.83863329	3.46593755	3.44151452	3.48857763	5.50413065	5.35390312
1.86924012	0.8339972	1.35292296	0.88048657	1.72461609	1.40664454	1.12271955
1.27846696	1.00E-04	1.16329588	1.10651472	1.09919485	0.79838122	1.30055728
2.22990003	1.2101235	1.89390125	2.29882925	2.33334942	1.12755498	2.05255107
2.99185261	1.2596863	2.58126659	2.94064035	2.92688421	2.77219531	2.37281624
2.77395032	1.82146577	2.74814258	2.07359019	3.02353619	1.88487386	3.45757114
2.39199006	1.74632649	2.14281825	2.37283824	1.76134143	3.27843358	2.89170846
1.90354509	2.99988569	2.37884168	1.89434995	2.06125984	1.54166346	1.00E-04
2.72399853	0.68407235	2.73466193	2.20404368	2.52585366	2.46077895	2.4684301
1.72883458	1.3484342	1.94468684	1.20529575	1.7385164	1.46486016	2.64922363
1.81877483	1.28581113	2.23724062	1.77975004	2.65643638	1.30272122	2.32381319
0.58905014	1.00E-04	1.09737397	0.79733556	0.69911187	1.38489454	0.7551454
5.411909	4.27308866	4.91265853	4.5343016	4.62403082	5.61017267	5.72255112
2.54684609	0.87456952	2.10273142	2.38128231	1.81296167	2.77650628	3.61698077
2.94201075	1.19051366	1.6022571	1.22714289	1.32262362	1.00E-04	2.21668771
5.57865466	4.58885634	4.76141472	4.60057562	4.65696197	5.51654436	5.62007215

1.9227289	0.8339972	1.56138631	1.66799873	1.98200953	0.89799762	1.59934966
2.97217848	1.00E-04	1.85659449	2.23879411	2.09997462	3.12866227	2.85290582
4.61189722	3.59248746	3.8295907	3.91972398	3.8016951	4.33678534	4.46581365
2.24557017	3.36960984	2.55476035	1.69416051	2.72957786	2.57168466	2.45444387
4.35249907	4.58849214	3.66222956	3.55384925	3.55124086	4.80517084	4.42616878
3.92630343	4.17273459	3.61039362	3.09565787	3.59819316	4.04834704	3.90087917
1.62442684	0.74506998	1.86563242	1.85091531	1.53315479	0.94908439	0.61083056
1.64903539	1.00E-04	1.11789976	0.75567985	1.9046553	1.23405597	1.00E-04
1.00E-04	1.00E-04	0.30707864	0.17129846	1.00E-04	1.00E-04	1.00E-04
2.94755471	2.5357159	4.39596714	4.41930413	4.35970336	3.43635516	3.59936012
2.49980836	1.00E-04	2.21073172	1.35520317	1.25502482	2.36781159	2.51152115
1.71208993	1.00E-04	1.28703692	1.5392934	1.95714376	1.23647077	1.99350117
2.72857271	1.00E-04	1.46376048	1.55734623	1.12341185	2.40235784	2.01908193
1.46153069	0.74506998	2.04821656	1.89458035	1.45682424	2.40060636	2.03084549
1.79988832	0.8358776	0.73072919	0.68003744	0.72128457	0.83083207	1.8249176
2.71069834	0.74506998	2.3304295	2.64548742	2.85444576	2.02688085	2.25811248
2.44692579	1.19089243	1.81479734	1.53498614	1.17333887	2.17003495	2.37795146
0.2285019	1.3348453	2.17205919	1.16642669	0.85061649	1.00E-04	2.34413898
3.80113817	3.26686621	3.39004704	2.71129194	3.12075658	3.52879513	2.51693373
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0.64541998	1.00E-04	1.00E-04	0.16411766	0.12564974	1.23518941	3.04014365
2.30706325	1.00E-04	1.3845393	1.48155175	0.85513319	2.00371001	2.82172384
1.89957209	1.00E-04	2.23166594	2.07152113	1.62871386	0.79958263	1.34504826
2.49437005	2.85584067	3.10638098	2.78631173	2.78989827	1.65424447	2.06867917
1.51368257	0.8358776	1.32035775	1.61069396	2.04825327	1.00E-04	2.13224795
1.40895608	1.00E-04	1.67588327	1.29415331	2.03667585	1.12755498	0.41275046
3.84847878	1.37265105	2.62956731	2.19251057	2.72279193	3.6384338	3.24572329
1.86366098	1.00E-04	1.31705741	0.96485433	0.881584	0.86319656	1.98252672
1.66232252	1.00E-04	1.16365244	1.38581643	0.69715863	1.00E-04	0.93074312
1.77108622	1.00E-04	1.02881063	0.74328783	0.69940682	1.96010223	1.7534902
2.87320877	2.08478012	2.19457555	2.6416442	2.1326842	2.50199462	2.61903724
1.00232979	1.00E-04	0.49901762	1.00E-04	1.00E-04	0.83873894	1.00E-04
1.71688492	0.8358776	1.4575406	1.65837069	1.58085817	1.00E-04	1.00E-04
3.90278808	4.04698351	5.18434287	5.07348162	5.06173044	3.58817966	3.93562118
4.65789419	2.25256359	3.77296934	4.13772433	4.36164829	3.1968878	3.05330335
2.26573171	0.69779233	2.46217242	2.43954205	1.96684198	1.63004329	2.80019094
2.43009852	3.53364419	3.32578134	3.09509573	2.91002379	1.88977749	1.83388582
1.82778383	1.00E-04	1.37636583	0.78336063	0.87675077	1.93552122	2.47926495
4.66887693	3.92847875	3.91555033	3.35218509	3.88606168	3.61681124	4.19609617
1.99879642	1.00E-04	1.67599902	1.10182386	2.55657855	2.26080859	0.49725191
1.25012177	2.27801923	0.29071979	0.4208719	0.19681031	1.00E-04	1.50675156
1.13681354	1.2795411	1.92292948	0.91943619	0.9413388	0.94543129	1.00E-04
2.80270599	0.74506998	2.78369617	2.55134984	2.19567583	3.0463769	2.50065982

0.77028582	1.00E-04	0.34710306	0.09740575	0.24352743	1.82241161	1.00E-04
1.34270484	1.00E-04	1.0474047	2.02449622	1.33615029	1.00E-04	0.40038755
1.35368199	1.1971089	1.70396536	1.72483255	1.55433064	0.9559646	1.00E-04
3.98195636	2.81168045	3.11609598	2.86730687	3.18914966	3.89499244	3.93003331
2.85542982	1.00E-04	1.03791036	0.75471374	1.49433029	3.39860773	3.31206884
2.4382822	1.65621092	2.5414555	2.47999802	1.91623911	3.27337525	2.91962093
3.68915361	1.21780923	2.87687998	2.48341551	2.21476317	3.96909376	4.05152895
2.05704206	0.8358776	2.57357549	2.70064804	2.20089529	1.00E-04	1.10337756
1.63074652	1.00E-04	1.12321838	0.76052115	1.53326623	1.88877837	1.66626528
3.42742676	3.1144866	3.4238684	3.383983	3.41446114	3.18507455	2.79901309
1.94226336	1.00E-04	0.73731351	1.06374087	1.12159156	1.00E-04	1.32157107
1.16585094	1.00E-04	1.81633687	0.66239519	1.7013471	1.00E-04	1.00E-04
0.86954299	2.72090464	0.99911824	1.5344584	0.67453019	1.00E-04	1.00E-04
1.00E-04	1.00E-04	0.62998583	0.08490835	0.13992338	1.00E-04	1.00E-04
2.9812693	1.00E-04	1.37244248	1.3138726	1.33108871	1.45413922	1.41533984
3.28233225	2.17280342	2.86066732	2.12114456	2.68804928	2.41663726	2.25123264
2.50178549	1.00E-04	1.86940734	1.91727167	1.63332649	1.52428457	1.31606563
2.68980203	1.86666767	2.3718	1.43861167	1.53380856	2.2620263	2.55649612
1.27814846	1.00E-04	1.57596079	0.84958733	0.62606536	0.85260137	1.34810503
1.19643246	1.00E-04	1.49335687	1.33661183	0.88159497	1.56571604	0.97522957
3.18956297	3.27235725	3.48983004	2.99187417	3.33338047	3.52009582	2.83397413
1.02711695	1.95488608	3.29326079	2.71978684	3.13472806	1.99287487	1.00E-04
3.88290843	2.10410015	3.23429731	2.97253962	3.03948273	3.30053574	3.11569904
2.23654991	1.00E-04	0.91165262	1.33551081	1.35285812	1.40300135	2.40128475
3.04769858	1.00E-04	2.49301122	1.82390925	2.32667134	3.16934925	3.26741318
3.20981598	1.00E-04	1.66865608	2.3843502	2.15907742	1.96739134	2.32185358
1.27610866	1.00E-04	0.50341864	0.84432359	0.98069044	1.00E-04	1.00E-04
2.24527395	1.00E-04	1.78973331	1.66640414	1.31236491	1.00E-04	1.65613018
1.963436	2.98869765	2.48815871	1.57273994	2.44532365	3.55274036	2.59703863
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.26717193	2.73899855	3.80007908	3.70675432	3.43278791	4.45858534	4.44159525
1.08364865	1.00E-04	0.26543795	1.00E-04	1.00E-04	1.00E-04	1.18453576
1.00E-04	0.72877389	0.88796658	0.25218324	1.00E-04	1.00E-04	1.00E-04
2.2138006	1.60800337	1.80502119	1.76571922	1.11242134	2.70647901	2.75630393
1.65686506	1.00E-04	1.3782563	1.19275999	0.67455894	1.00E-04	0.97863975
3.29335643	1.41711758	2.6381473	2.20472524	2.63288722	3.481208	3.60066811
3.51322881	1.00E-04	1.70070044	2.00175482	3.14223548	1.99594275	1.2737362
0.66421029	1.00E-04	0.35383594	0.55110148	0.21887105	1.00E-04	1.00E-04
4.08847218	1.00E-04	2.19711612	1.46694256	2.26629599	4.95342592	4.87733842
1.4846506	1.00E-04	0.38242938	0.25196693	0.52540574	1.49976247	2.69068373
3.38930405	1.00E-04	2.61600104	2.30462791	2.29789251	2.32656305	2.5896836
2.09698017	1.00E-04	1.42416125	1.0839623	0.97875188	2.54186017	1.00E-04
0.10913195	1.00E-04	0.08280154	0.32649584	0.21894683	1.00E-04	1.40124383

2.78689028	1.28532547	2.28673881	1.86397741	1.74277576	2.48975604	2.4539764
1.67966481	0.7902481	1.48805894	1.20861271	1.86544713	1.00E-04	1.68984479
2.2644421	1.24426431	2.25310234	2.4264507	1.59378279	2.41343686	2.0576277
2.26819537	2.34652213	2.81306471	2.85651493	2.46641907	2.95514638	2.87021177
3.40254581	1.09568947	2.35676879	2.09527603	1.67387908	2.85553346	3.34788909
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.91564945	1.84494595	3.94537455	3.84538631	3.91265296	3.05191778	1.97862871
2.10418109	1.28142983	2.73530238	2.10473606	1.80497688	2.39236971	1.58822784
0.74469635	1.00E-04	0.31512571	0.20854317	0.25117958	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.56409468	1.42913275	2.08991311	2.04208538	1.48223447
1.7132063	0.69779233	0.75715489	0.74312978	0.48690809	1.00E-04	1.00E-04
3.03374876	2.17009929	3.15299448	2.69401252	2.65339005	3.10911443	3.30610768
2.54590436	2.05377228	1.95352426	1.42224584	2.05013938	1.00E-04	1.87780573
1.70197813	1.89818084	2.66046643	2.60877085	2.70062472	1.00E-04	1.20643436
0.53751626	1.00E-04	0.35664628	0.11808269	1.00E-04	1.41214396	1.00E-04
1.75988192	1.00E-04	1.80316506	1.8964686	1.10644698	1.88646668	1.76782085
0.21433745	0.79637057	0.20868144	1.00E-04	0.15509212	1.00E-04	1.00E-04
0.6807679	1.00E-04	1.28052429	1.84562372	1.10857253	1.29766553	1.00E-04
3.00955935	2.56236521	3.18511116	2.40373958	2.90417342	2.95948442	2.05805766
4.1316701	2.58400215	4.6377309	3.7472623	4.05862107	3.86575042	4.81831611
4.1337536	4.1842727	4.33427196	4.92399754	4.75624298	2.83871594	3.30694871
2.2466294	1.637455	2.70480095	3.48892196	2.93056185	1.19321377	0.93074312
2.57419264	1.00E-04	0.83609303	0.84939166	0.74322924	2.25961735	2.25242361
3.91331595	3.88487553	3.70796698	3.35710538	3.10254548	4.28690991	3.78183034
3.99969207	0.68407235	2.74022474	3.1000075	3.07133989	2.17272349	2.99149991
2.62652683	0.8339972	2.85576402	2.56560537	2.96549792	1.6721916	2.42281616
3.1829018	3.18994672	4.27661863	4.12013856	4.18335056	4.17326128	4.12217341
5.27662353	3.80782312	4.60494426	4.21574723	4.26917646	5.02668308	5.27040228
2.0090094	0.68407235	2.4987417	1.67130436	1.81531281	3.41151426	2.65574889
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.00109365	1.00E-04	0.33847594	0.31150942	0.63359125	0.83083207	0.7511165
2.35349079	0.69779233	2.52613114	1.64625329	2.14730121	2.63125731	2.03846404
0.51213861	1.00E-04	1.00E-04	1.00E-04	0.40404114	1.00E-04	1.00E-04
0.26372096	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.08253635	1.52927294	2.38616758	3.08419196	2.8849542	2.83387474	2.59087799
4.45755105	3.9756208	4.54945599	3.98850273	4.44309763	4.88021056	5.19174789
4.69904526	2.49927361	3.66907106	3.69556596	3.90336684	4.57099638	4.35804369
4.40231168	2.79315594	3.94697144	3.52791942	3.83185199	3.48888491	4.13619388
4.02376186	1.55764098	3.34018825	2.85415196	3.15966489	3.72608917	3.67264774
0.79905808	1.00E-04	1.56489366	2.21479981	1.78521384	1.00E-04	1.00E-04
2.14626236	2.98117012	1.54599025	0.99102434	1.51510607	1.00E-04	0.94970493
1.7790001	1.00E-04	0.8588798	1.68219865	1.1647061	1.57253896	1.00E-04

3.23265388	3.66383447	4.85723556	4.6158843	4.86873566	3.71566864	2.97804183
2.63524836	1.11722896	1.55740107	1.62624519	1.18921933	1.85667425	2.07956215
1.81709929	0.74506998	0.71394813	0.57319998	0.75367123	0.72869785	1.00E-04
2.76465852	2.29201695	2.73151038	2.09830012	2.32015833	1.68664341	1.665615
1.36289221	1.00E-04	0.7446804	1.82541471	0.54749024	1.77188192	1.1853365
1.00E-04	1.75145672	2.58568653	1.80378294	2.3473422	1.00E-04	0.94970493
2.55563787	2.24912318	2.52362056	2.22325499	2.20931108	3.75110715	3.08805138
2.85566641	1.00E-04	1.81058882	0.99980109	1.67173781	2.54835853	2.17777137
2.64725535	0.8358776	2.17714872	1.38844326	1.81574208	1.14321042	2.49397365
1.73510187	3.2165708	0.75555389	1.56381139	0.94377069	1.00E-04	1.87268935
0.78573478	1.00E-04	1.66213789	1.27178633	1.70908979	1.00E-04	0.35134699
2.84488138	0.71640521	1.85561051	1.06165249	2.12613109	1.92889771	2.56714368
1.00E-04	1.00E-04	1.00E-04	0.21809335	1.00E-04	1.00E-04	1.00E-04
2.74582158	2.44138828	3.24100482	2.95748763	2.89149289	1.00E-04	1.00E-04
1.59481769	1.00E-04	1.6168023	1.37169875	0.92113759	2.15206441	1.83969393
1.49411533	1.00E-04	1.04432963	0.63828546	0.63419502	1.00E-04	1.22180816
1.00E-04	1.00E-04	0.59404044	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65279873	1.00E-04	1.60016098	0.88574686	0.84596659	1.59017697	1.16048721
3.76229902	3.22840806	2.98437358	2.8327189	3.39847939	4.55734941	4.69491316
2.41753368	1.47928794	2.56013989	1.97258349	2.56588297	3.21011951	3.45724649
5.27134392	5.62104178	6.07788875	5.46202741	5.64276413	5.46378903	5.63600167
3.62641203	2.76429622	3.13853752	3.21894781	3.39655241	3.75666906	3.83205463
3.71922886	2.129	3.09592507	2.76285967	3.06493142	3.17208827	3.93880796
2.66901347	1.00E-04	1.97426767	1.61902127	2.07260956	1.73835225	2.85652799
3.59290442	2.18387858	2.87819778	3.03106949	2.59107669	3.16613299	3.36537495
2.78872317	1.28352536	2.18267599	1.88091961	2.22725984	2.8449115	2.82117611
2.13811292	1.00E-04	2.05481164	1.01358886	1.89377376	1.95477138	1.61761167
1.00866615	1.00E-04	0.77473609	0.63631104	0.19907938	0.94543129	1.25654185
0.77955855	1.00E-04	0.59689246	2.05266773	1.08682071	1.00E-04	1.86465116
3.59094661	2.99551919	3.80214288	3.45766677	3.53947303	3.90639579	3.92333456
0.73503166	0.87612072	1.51926123	1.25744277	1.47388269	1.62547894	1.01208735
3.46137777	3.42989236	3.43687705	2.97483757	3.26880714	3.83538057	3.90147513
3.36249075	2.85390194	2.46768638	2.86930156	3.50260829	2.84298852	2.70819358
4.59466722	3.46405739	4.26351446	3.98000073	3.82505243	5.29871354	5.35640302
4.99364335	3.25291104	4.5131601	4.17293996	4.33071529	5.48663919	5.53593847

C7.wk13	C7.N	C8.wk5	C8.wk11	C8.wk13	C8.N
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39919623	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62690381	1.00E-04	1.00E-04	0.81862451	1.00E-04
1.40883872	1.68744428	2.66020948	1.97129639	2.16209476	1.69612971
1.5645598	2.11945177	1.00E-04	0.96353834	2.13900285	2.15786667
0.32197209	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.45863632	2.72776658	1.00E-04	1.82945862	2.62182689	1.89554442
3.39135424	3.92809358	3.51059409	3.34193596	3.41704662	3.51908945
0.6319347	1.00E-04	1.00E-04	1.00E-04	0.50337509	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.75333424	2.5530326	2.14793378	1.66174314	2.361067
3.60622458	2.85561868	2.57020397	3.92376091	3.35197293	3.06439883
5.79185576	5.88498265	5.55056673	5.69024034	5.75362304	5.67688389
2.66592739	2.68654312	2.15669101	2.54210323	3.23307443	3.12343807
2.95556473	3.37946052	1.89833233	3.17450212	3.46356806	3.77755121
0.45390172	1.00E-04	1.00E-04	1.00E-04	0.4783264	1.00E-04
2.99903787	3.00794724	3.27962836	4.15159127	4.24827154	3.97552084
4.04693516	4.22880205	3.22544019	3.89089745	3.86167103	3.91089409
1.00E-04	1.04686884	2.7385565	1.60260269	2.71973008	1.91799567
3.01421207	3.43624184	2.45497225	2.95896066	3.15354304	3.13782466
3.39069587	3.4845143	2.94831269	3.12788314	3.18003062	3.14830943
2.65584888	2.37099235	3.19375415	2.35986469	1.79719747	1.85035452
4.56061897	4.60676575	4.90963708	4.6339729	4.18787979	4.49044964
1.260994	1.25018518	3.10267058	1.77014655	1.72428918	2.05047575
2.8196363	3.03457645	3.06492956	3.37875362	3.70316346	3.63822358
3.20525981	3.19567103	1.00E-04	3.3014943	3.72401535	3.1277043
2.07530835	2.23618323	1.00E-04	1.00E-04	0.12723689	1.00E-04
0.72375712	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37250181	0.37008262	0.95500624
1.00E-04	1.00E-04	1.00E-04	0.59574527	0.25750812	1.00E-04
2.53090775	2.75005892	1.00E-04	0.76334591	1.80276873	1.82813022
2.5464805	2.68053018	3.30547755	2.65356511	2.20305564	2.70083073
0.8945181	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
3.15536484	3.34278456	2.08421616	1.32729462	1.26163227	0.50543565
0.72448362	1.11152371	1.00E-04	2.28524144	1.39989551	1.51542063
2.08233239	2.60413784	2.0171009	2.41824792	3.16644889	3.02386158
1.00E-04	1.00E-04	2.16483827	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59418646	1.00E-04	0.15557081	1.00E-04	0.87869518
5.64447144	5.20681348	1.00E-04	1.27337755	1.00E-04	1.1885704
3.93005597	4.47867145	4.30748329	3.56810871	4.20877498	4.52157518

1.00E-04	1.00E-04	1.00E-04	0.46085181	1.27912544	1.89100324
0.30980585	1.00E-04	1.00E-04	0.6902533	1.00E-04	1.00E-04
1.65487185	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.65068802	1.00E-04	1.67197713	0.73183441	0.96160735
3.94663142	3.47834713	3.76185835	4.46298884	3.87099578	4.19626343
2.26041867	1.32107195	2.26935102	1.61601157	2.42170314	2.8695797
1.62932728	0.92387651	1.30986649	1.35900778	1.69304113	1.02329235
4.81959541	4.7535808	7.08185249	7.31700295	7.15361214	7.0730984
3.3193232	3.63254613	3.00109292	2.9124175	3.28444264	3.56661499
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.343361	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83059696	1.00E-04	1.00E-04	2.44784847	1.4432505	2.27932556
1.61124411	1.41979446	2.81239203	2.2658438	2.42002308	2.77678505
3.65877364	3.68982737	7.02593395	7.4898834	7.26672194	7.34130385
2.84720841	3.43821171	4.33187268	5.18437558	5.04420938	4.93088433
0.83972673	0.21289605	1.00E-04	3.81786347	3.45522677	2.40014711
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30433976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22078334	1.1930815	1.00E-04	1.33806362	1.4974988	1.8654099
1.00E-04	0.59232953	1.00E-04	0.6000906	0.24021141	1.16153411
4.18310853	3.94880873	3.93054985	4.22108829	4.22058093	4.12781304
2.93959638	2.69150989	2.00743688	2.12240398	3.04326435	3.00101182
3.86742357	4.43515402	2.41030005	3.62209045	3.58732596	3.94993814
4.16948673	3.93318303	4.00399797	4.2362312	4.1566209	3.98499326
1.88518575	1.98156812	2.81540176	2.51939105	2.37827617	2.57278594
2.39423369	2.34536782	1.30789632	2.38451288	2.6190592	3.30430449
4.26340605	4.12933192	2.32722852	4.82836194	5.25395395	5.02879361
4.29236364	4.32267732	3.19305898	1.46342931	2.33921716	1.99747993
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59691882	1.00E-04	1.8415676	1.8869939	1.10924777	0.64152968
0.69167046	1.00E-04	1.27996271	1.00E-04	0.17637488	1.00E-04
1.00E-04	0.9602151	2.49876771	1.00E-04	1.25704413	1.67177619
1.79218756	2.1779546	1.42763756	0.5252732	1.09817029	2.20672369
1.98902072	1.97664309	2.03911791	2.11359619	2.11060287	2.54275389
4.62511229	4.67811937	4.38681414	4.28386905	4.43300635	4.64636924
2.38710939	0.65423914	1.00E-04	1.29864544	0.57457764	0.86104866
3.45060395	3.32191638	2.21007023	2.6510042	2.19429742	2.41641019
2.77007536	2.90970481	3.26174522	2.38231528	3.1085574	3.28054786
1.47985679	1.24533579	1.00E-04	0.54938023	0.11579337	0.5535461
3.6488644	3.7785475	4.36108746	3.94523527	4.32663859	4.50377803
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.05948189	3.8307669	3.39121066	3.25936735	3.9800576	4.11105642

3.77703599	4.20276183	2.52916379	3.71504309	3.7443164	4.33549654
2.47469144	1.75297954	2.65580004	2.51647429	1.60288474	2.4709597
4.11612333	3.97694789	3.50988451	3.71878373	4.58790053	4.57190503
4.3069339	4.06826509	5.09851383	5.14795766	5.10439391	5.14333601
4.29965715	3.58199879	3.70639897	3.99009529	4.00352053	4.13923581
2.10851158	1.43260187	2.44101867	2.06644351	2.057951	1.80204997
3.11826712	2.6629708	2.82918497	3.55811471	4.00102595	3.89569368
3.53203116	3.13302296	3.07958524	4.32269448	3.94363974	3.75944439
1.56788639	1.87900085	2.12847095	1.81805279	1.78498896	1.8929253
5.07158736	5.20834912	5.0265792	5.29745861	5.13576972	4.98802294
3.72621445	3.55265472	2.00743688	3.17583574	3.23028556	3.4086847
2.71122008	2.39517243	1.00E-04	1.05233743	1.23491581	1.33070902
0.67265997	1.89664906	1.00E-04	1.4862977	1.20968443	1.26082172
2.19296518	2.44217323	1.27996271	2.41017457	2.61865301	2.38993205
4.99772338	4.86749132	4.47653467	4.50659385	4.88133324	4.61364772
3.47878866	3.41552838	4.46960934	4.4237244	4.65271855	4.41639956
5.26080487	5.21541888	1.00E-04	3.19958377	3.0433397	2.79974431
1.37105284	1.00E-04	1.00E-04	1.00E-04	0.19191379	0.16236604
0.57077505	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66598136	1.02133183	1.00E-04	0.95098515	1.00E-04	1.00E-04
5.24525618	5.38408324	4.74650533	4.71528254	5.19272301	5.20375405
1.47569031	0.96845292	1.00E-04	1.00E-04	1.00E-04	0.21329315
4.77497428	5.14182518	3.83633491	3.4581902	4.72017681	4.55489472
2.72267603	2.68290432	1.27996271	2.40231216	2.55355709	2.82371224
3.12562558	3.50832931	3.22867227	2.82294624	2.83207264	3.74100438
2.69866452	2.72119821	2.1291165	2.2350844	2.78462208	3.08585674
2.53124888	2.8513173	2.21898798	1.02858802	2.21223851	2.4550508
1.10970718	0.81771455	2.37523392	1.51694308	1.70968752	0.91391653
2.55585357	3.19206003	1.75472403	2.51000565	2.89076326	2.61146467
3.34238715	3.19179021	3.1634018	2.52273348	2.91864327	2.88536739
3.65694412	3.66347195	3.92739756	3.44230253	3.67179318	3.64355904
1.28499446	1.96731396	1.00E-04	2.62275005	2.8750823	2.76838504
2.59782544	2.71064323	3.15839812	2.92799734	3.04997144	3.03862025
3.64751677	3.13077948	1.6068095	3.33145591	2.81812164	3.11702925
2.39809024	1.99077227	1.00E-04	1.32154523	1.24527937	1.98972934
2.51044545	2.49354706	1.00E-04	2.09886907	2.72893169	2.2326682
1.97641635	2.66542928	3.85890357	3.54595519	3.51520708	3.50756683
2.97339098	3.33845318	3.02176623	3.57015047	3.65706929	3.99985151
2.53006916	2.90786769	2.37545837	2.28951016	2.23291881	2.60652737
3.36225998	3.38349066	3.04813634	3.10217402	3.3314263	3.86671486
2.84423247	3.03056176	2.4905183	2.79283492	3.29699878	3.76034377
2.06765422	0.97023383	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.36862107	4.79139445	3.37482743	2.78753083	3.40639909	3.56224228

5.78586919	5.92949382	6.06643603	6.28602987	6.28944312	6.42426807
2.37851024	2.20342152	1.00E-04	2.65548666	2.78126295	2.72058534
4.24639606	3.96160005	2.22408702	3.60786775	3.76279167	4.02619322
3.7787941	3.68165377	2.42766673	3.0479298	3.34842874	3.71279118
4.40635762	4.2861286	4.13284778	4.07908461	4.23692044	4.46330734
2.00022564	0.99077214	2.55264185	1.76326747	1.76864688	2.57687226
3.83991286	4.00893802	3.7665023	3.63383361	3.84075118	3.94781549
4.57369611	4.63391513	4.34885202	4.96227893	4.94640717	4.93848007
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22725774	1.00E-04
2.04222326	1.68822265	1.00E-04	1.43559221	1.03437883	1.44433502
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8747072	1.00E-04	1.00E-04	1.07392248	1.22000279	1.92312542
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.51419135	1.00E-04	1.00E-04	1.30936585	1.00E-04	1.00E-04
1.22056185	1.33058171	1.00E-04	1.00E-04	1.80149565	0.786211
1.72823975	1.39357773	2.73253413	2.78518811	1.85571609	1.90927076
4.83111351	4.7897078	5.95997896	6.2186977	6.29906017	6.49908623
1.00E-04	0.40836194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.7057235	4.74512865	4.28740715	4.76747291	4.64357896	4.92187928
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.09031038
1.36986348	1.04150226	1.00E-04	0.81161137	2.44344563	1.8340034
0.62080191	1.00E-04	1.00E-04	0.95864566	0.70577123	1.00E-04
3.53013215	3.94530567	2.91623031	3.91605887	3.97485993	4.23461509
0.16178697	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48063511
2.81246472	1.96643958	2.71604512	3.5729797	3.4478482	3.61468869
3.75349356	3.95359249	4.34253862	3.64722406	4.15026602	3.94579265
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
0.92616413	1.55313667	3.06680208	1.62907106	2.12478974	2.59649547
0.37284702	0.5153255	1.00E-04	1.04641605	1.00E-04	0.35948108
3.35983611	3.2342036	3.12362555	2.96513786	3.41641984	2.89054606
1.95049125	3.01784965	1.00E-04	1.77046216	2.94686531	2.93486489
0.1163586	1.00E-04	1.06844428	0.15557081	0.30023856	0.15499183
0.16178697	1.20276284	2.08421616	1.00507428	2.06725427	1.44181697
3.92875097	4.05504449	3.01019738	3.77914303	4.11647491	4.04054749
3.0575599	2.25276132	1.9269107	2.02265756	2.82988751	3.11361698
3.28986416	3.39185483	3.3558343	3.44814568	3.93601672	4.2768092
3.22894471	3.17307737	2.90863672	3.20602394	3.40455792	3.86069985
0.2591487	0.56456051	1.00E-04	1.96932824	2.16101374	1.47416947
2.21825413	2.38965895	1.9503961	2.2141272	2.53304758	2.52464384
2.70637126	2.8689915	4.07598115	4.11368353	4.15912987	4.0999889
2.86271211	3.30857375	2.0881732	2.70852927	2.56477091	3.34274007
1.76653954	0.97024185	1.00E-04	0.97080105	1.3901632	1.83866826

1.44924852	1.86544072	1.28316224	1.50834244	2.57886635	2.75827362
3.2818474	2.0396144	2.60660066	2.08269919	3.34770964	2.81977486
2.25766599	2.51869644	1.38754516	1.85322088	2.90469093	3.32851316
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83278236	1.00E-04	1.00E-04	1.13194933	0.66498375	0.86765959
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71720198	0.56874469	1.00E-04	0.93276289	0.16535238	0.27561925
0.15907666	1.2639337	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	5.95430798	6.25377005	5.56270884	5.42575167
1.00E-04	1.00E-04	1.00E-04	0.43961201	1.00E-04	1.00E-04
2.74145548	2.81084664	3.13383789	3.081125	3.36259574	3.27717347
2.7515858	2.55036186	2.18025638	2.58021625	2.42208622	3.11573331
3.29908011	3.1207171	3.96538905	4.24539102	3.59700373	3.46050502
3.95166996	3.47593345	4.23256772	4.02452145	3.84659097	4.00284753
4.47586435	4.66975715	6.24860235	6.2516692	6.67153568	6.71551838
3.52320824	3.54021399	1.95610501	2.13919302	3.16791257	3.36315641
1.00E-04	0.96460696	3.42642596	3.53481552	2.29270102	3.16938497
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94245139	1.79721866	2.24726389	1.70432123	1.60728175	2.00868773
0.81178989	1.21372693	1.00E-04	0.97176731	1.04282307	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.77515631	2.66817563	3.10399155
2.96833865	3.31109091	3.66430377	3.14252134	3.34213906	3.47852857
0.38697757	1.97985341	1.42763756	1.81066702	1.90251548	1.5610687
0.5845187	1.00E-04	1.00E-04	0.72937106	0.12413672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8698932	1.91371752	1.00E-04	1.00E-04	0.57885604	1.23214058
4.27628264	3.96606944	3.80228023	4.02176187	4.33412413	3.83842379
6.55531777	6.59754726	5.80426065	5.53660274	6.34145112	6.26588755
0.55703647	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.02670764	2.84228298	1.27996271	2.30284269	2.65405431	2.8650843
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.61943258	1.27996271	1.06823458	0.71811116	1.25157119
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.0724533	3.67020721	2.08421616	3.44108421	3.42484681	3.29474798
0.70185963	1.00E-04	1.00E-04	1.91225655	1.42795004	1.39520437
1.70271065	1.58935478	1.00E-04	1.00E-04	0.89425682	0.62848175
4.93008275	4.90137751	4.89258786	4.77164845	4.79845926	5.01746925
4.24104295	4.18990974	3.57715433	3.66303758	4.11221466	4.36061559
2.56880547	2.80738329	3.10460794	2.96692953	2.50549099	2.79976006
2.86462199	3.30014795	3.65316848	2.63688971	3.06196985	3.54568131
5.80174603	5.69506843	5.70449299	5.58025951	5.84861848	5.84693899

5.72692263	5.648641	5.11509103	5.48002753	5.45627428	5.38125778
2.83990575	3.05505718	2.6847122	3.39894156	3.47618098	2.88798077
2.64103463	2.78780125	1.75472403	2.69200842	2.2918068	3.06039993
2.8375068	3.23229188	3.40365789	2.40581799	2.72583149	2.41010916
1.61719262	1.260914	2.65205247	1.22239414	1.00559793	1.19813695
1.31496229	0.3972097	1.00E-04	0.76825397	1.74852617	1.86313662
3.72134864	3.36367681	4.8964838	5.10831227	5.04590709	5.10988829
1.83177636	3.20044863	4.48522292	3.90062126	4.21597804	4.54136841
3.00980416	2.35483061	3.05347509	3.47164367	2.6999327	2.61937716
3.50530706	3.66520604	3.39855344	4.01250545	3.72567935	4.15302456
2.05628698	2.13975813	1.9503961	2.65420816	2.20019834	2.78289858
1.51089274	1.00E-04	1.00E-04	1.63107871	1.49732954	1.20068958
2.85715687	3.41096903	2.86018761	2.56906396	3.03264614	3.13326617
3.59610436	3.3135289	3.52585381	3.86127231	3.54822467	3.80356998
3.05357263	3.11055497	2.44026019	1.00E-04	2.97321555	2.49640292
2.82511373	1.14183615	2.12933866	2.74489139	2.84821684	2.87672373
0.76033547	1.12682242	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.21752331	2.84843118	3.1368579	2.1700206	2.93782639	3.32826402
1.64410807	2.06089094	1.83013888	1.92157239	0.83872295	2.0622381
5.13751906	5.16543536	5.22890797	5.12104826	5.06349397	5.16389545
1.00E-04	1.00E-04	1.00E-04	0.52738567	1.00E-04	1.00E-04
3.98223677	3.79744685	2.71835493	0.77980585	1.82479988	1.84225219
2.01331014	1.99488491	1.00E-04	2.13883477	1.85028687	1.03458432
4.64087793	4.48488431	4.83181816	5.20971794	5.01737955	4.90024306
3.47359148	3.40157694	3.17169497	2.34125805	3.3889044	2.97841054
1.00E-04	0.67979967	1.00E-04	0.81421222	0.89560343	0.45304823
0.71064183	1.66635875	1.00E-04	1.00E-04	1.00E-04	1.20527357
3.57788515	3.60370542	1.00E-04	2.41876673	2.60711916	0.72882276
1.07448373	1.07144897	1.00E-04	1.39062983	2.06167462	1.89449869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0501992	1.50467968	1.42763756	3.24422602	2.15147733	2.40442215
0.36630267	0.65947666	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44777316	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.67195627	2.60291146	1.00E-04	2.18635442	1.76739452	1.51181101
3.86339958	3.84608636	4.38629418	4.78870457	4.40892109	4.40904113
2.28537813	0.94682227	1.00E-04	1.2115679	1.61642095	0.88695522
1.00E-04	1.00E-04	1.00E-04	1.74478199	1.78827446	1.00E-04
3.79872254	3.78340998	2.13859813	1.70235534	1.56990815	1.99722578
1.00E-04	0.44867039	1.00E-04	0.86473302	0.87081519	0.13038568
1.02344196	1.00E-04	1.11518827	0.72657844	1.29555341	0.93198544
0.35811479	1.00E-04	2.85843833	2.80106129	2.65441435	2.50938496
1.13682074	1.00E-04	1.00E-04	0.65123185	0.83333417	1.04401095

0.4207505	1.25319633	2.26969129	0.67915539	2.10269622	1.3167462
3.25950873	3.09453287	1.28609943	1.00E-04	1.00E-04	0.54492932
0.45044286	0.6377961	1.00E-04	1.00E-04	0.43737508	0.26920678
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.41438246	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20501279	0.57479248	1.00E-04
1.00E-04	1.00E-04	3.93249765	4.0151455	2.99736167	3.06383052
1.00E-04	1.14927284	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.50673918	3.65032155	3.50403067	2.75718084	2.78819894	2.94555387
1.14693672	1.3321735	1.00E-04	0.37250181	1.00E-04	1.00E-04
1.00E-04	0.66491371	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6967263	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37073618
0.09292159	1.00E-04	1.00E-04	1.00E-04	0.82012035	1.55600873
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37689759	2.08495177	2.64260331	2.99099237	2.66558074	2.31825484
0.84541885	0.89160088	1.00E-04	0.52265047	0.514302	0.64681582
2.59515856	2.8440202	2.56283911	2.87778642	3.46245166	3.5465944
2.14987698	1.00E-04	1.00E-04	2.00661999	2.2262967	1.67542721
4.52813734	4.61428321	4.52453603	5.44877665	4.45907404	4.7702904
2.46631739	2.65761679	5.02312552	4.73385797	4.92232861	5.16828425
1.6857561	1.92756014	1.11518827	2.25021225	1.25673483	1.67280432
1.08978012	1.978875	1.00E-04	0.67707868	1.27601661	2.00820965
1.78752711	1.75965689	1.00E-04	1.10711073	1.39503915	1.39108279
2.75810218	2.65468933	2.99675851	3.12810381	2.66582091	2.65938986
2.40216267	1.50346219	1.00E-04	1.97520425	2.9861772	2.16144835
2.15635789	2.41513516	1.00E-04	1.07997072	2.19549926	2.34331156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25028235	1.71032431	2.45317113	2.80409475	1.61986802	1.68156104
0.86511143	0.67318844	1.00E-04	1.81718778	1.00E-04	0.30661977
3.77547423	3.82014771	4.75745684	5.05735366	5.10220035	5.16798328
0.72251853	0.7090563	1.00E-04	1.00E-04	0.13427639	0.62204603
1.00E-04	1.02760975	1.00E-04	0.15557081	0.13235227	1.00E-04
1.00E-04	1.00E-04	2.08726901	1.71825878	1.85864968	2.14277076
4.42211118	4.52197385	4.67682029	4.51573832	4.54961203	4.98748845
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91821862	1.00E-04
5.35119338	5.37692894	4.63554639	4.60014464	4.66736533	5.02762963
1.00E-04	0.56456051	4.53319401	4.72816368	5.67695024	5.90990647
1.00E-04	0.92552067	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.98868241	4.94152977	4.88743148	5.12841184	4.94932253	5.13111657
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.677725	4.96173314	3.47745986	2.81688586	2.58983289	2.76888956

1.3937357	1.93018201	1.00E-04	1.76425453	0.71443979	1.21985999
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.61376609
1.17606589	2.29843335	2.18505109	2.78192976	2.80966145	2.97680096
1.00E-04	0.76829922	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.54841464	1.08389402	1.73951293	2.38636207
0.84980348	0.77478449	1.00E-04	1.07046653	1.96923816	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32193912	2.70904116	1.01811585	2.42939718	2.63393681	2.78365048
2.22449269	2.31344268	4.61831823	4.87587848	5.07120162	5.43191782
0.15907666	1.00E-04	1.30986649	1.00E-04	0.96802016	0.56131478
6.10802302	5.99791782	6.18134023	6.10971669	6.44330568	6.25418381
2.06571971	1.83806075	1.00E-04	2.24485537	2.2371324	1.4733217
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.95399553	3.17781196	3.62371937	3.78406892	3.74819786	4.20522166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.44443279	1.00E-04	1.64190494	1.99905599	1.39337847
1.98268105	1.82372053	1.00E-04	0.15557081	1.00E-04	1.00E-04
1.43922805	1.14963586	1.00E-04	1.00E-04	1.14326429	2.2457137
0.57561626	1.57339533	1.00E-04	0.56657147	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.30590081	3.36962176	3.99686444	3.90445077	4.27083485	4.49536815
1.00E-04	0.63220067	1.00E-04	1.00E-04	0.71592889	1.00E-04
1.00E-04	0.50399332	1.00E-04	1.00E-04	1.00E-04	0.56131478
1.81627693	2.09180401	2.62720663	2.72877519	2.40823802	2.1155239
1.61801712	1.71989239	1.00E-04	1.00E-04	1.00E-04	0.65464601
0.78860226	1.00E-04	1.00E-04	0.65562728	1.32238179	0.45967415
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61021201	0.69392408	1.00E-04	0.79237511	1.09677591	0.9713295
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.57831584	3.63198395	2.9420013	3.11993522	3.94910303	3.62785891
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24760841	0.13038568
2.04417608	1.47380432	1.00E-04	1.68284725	1.30100706	0.2878742
0.29810286	0.56874469	1.00E-04	1.00E-04	1.00E-04	0.74963662
3.29010816	3.60905907	2.21741795	2.46595658	3.3381808	2.61306103
1.00E-04	1.00E-04	1.00E-04	0.68354979	0.71874892	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91303673	1.00E-04
3.32404029	3.49326157	3.72721353	3.37354134	3.59822399	3.99290145
4.4623394	4.70265182	4.55520143	4.67687871	4.86332749	4.7576062
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74289333	1.00E-04

5.27594699	5.52647766	5.49706643	5.35360217	5.62099314	5.46129009
0.57700167	0.36607432	1.00E-04	1.00E-04	1.20724743	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13369923	1.17371326	1.00E-04	0.46085181	0.66468497	0.80032358
4.85559816	5.00739443	4.54106981	4.78168909	4.64300828	4.87849662
3.07043807	3.68677228	3.20145878	3.03813872	3.26281319	3.28006865
1.50525897	2.22341575	1.00E-04	0.77912286	1.77634112	1.65578187
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50219799
1.22428332	1.94215819	1.00E-04	0.90897289	1.1246691	0.56131478
6.58552046	6.5500768	7.66185728	7.29026168	6.50279851	6.24769073
1.00E-04	1.00E-04	1.00E-04	1.79363877	1.21614393	0.27250157
3.4884613	3.510745	3.60100863	3.756376	3.74822184	4.03906028
2.71768658	2.62943978	2.20751519	3.35154648	3.00445294	2.93900057
3.18479859	3.46507957	1.46133917	2.72147003	3.25997967	3.2029603
3.29018111	3.67199074	1.00E-04	2.46795605	2.51969069	3.16561235
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.52319676	0.54842099	1.19207498	1.00E-04
0.37484237	1.6986018	1.00E-04	1.00E-04	0.28533407	1.00E-04
1.00E-04	0.98736025	1.00E-04	0.29016598	1.8273762	1.70813344
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18349254	2.6659151	1.00E-04	0.60692892	1.00E-04	0.56509548
1.72979338	2.49679863	3.27782405	1.92553369	2.5806942	2.07956238
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.39152929	3.24623572	2.70101955	3.1713714	3.75846587	3.37601899
3.16047386	3.38165095	1.00E-04	2.15064425	2.80248275	2.5797353
3.99078463	4.06517906	3.82050308	3.59841464	3.56110497	3.63128715
1.21192411	1.24859088	2.04595548	1.00E-04	0.84248395	1.00E-04
1.00E-04	1.13719685	1.00E-04	1.11373684	1.00960037	0.62551471
0.81103579	1.00E-04	2.18505109	2.07940602	1.85948308	1.55244758
4.58099232	4.52704807	4.96510002	4.84693593	4.5838095	4.57016931
2.94590954	2.38774526	1.30789632	0.96761861	1.69721675	1.85971004
1.29735052	1.49577531	1.00E-04	0.64493294	1.65083002	1.07671748
1.96761341	1.67502308	2.08421616	1.56513298	0.9304203	0.80072582
2.41382319	2.33377762	1.00E-04	1.00E-04	1.0739569	0.12854881
3.97114177	3.79178468	6.42602921	6.47884044	5.90837085	6.1010503
5.69280213	5.57253141	6.32714051	6.07753444	6.19527371	6.23145133
1.38266591	0.56352431	1.00E-04	1.00E-04	2.00407075	1.80378326
5.6547532	5.93993109	3.86840256	1.48815525	0.95508755	2.00815733
5.27170728	5.25647816	5.45473468	5.51370428	5.46047936	5.48161754
3.70602277	3.3788836	3.64660218	4.26669924	4.07360769	4.13445948
3.53840025	3.89981117	4.27422896	4.19839904	3.94596779	4.26677144
1.00E-04	0.58160361	1.00E-04	1.10697451	0.36492203	0.53800788

4.84681558	4.56329255	4.76671861	4.79339276	4.8570859	5.1935039
3.27356679	3.38906853	2.91338937	3.04097161	3.08126915	2.97985657
2.24885407	3.44072095	7.57614492	7.72939924	7.64544896	7.7097098
2.69710061	2.48157467	3.51934552	1.00E-04	1.60411008	1.95312196
2.33612457	2.44871169	3.76674874	3.38093891	3.35369471	3.59511722
0.47462842	1.00E-04	1.00E-04	0.54668218	1.00E-04	1.00E-04
1.2590005	2.21440302	1.00E-04	2.95940426	0.44035788	2.08047473
2.03039712	2.32524939	1.42763756	2.34157837	1.01596441	1.71902271
1.16790427	1.0033254	1.00E-04	1.01007551	2.01794161	2.17192672
1.71993878	2.44710764	1.8503227	1.57502125	1.82444962	2.00879079
4.8666885	4.80617218	4.74616016	4.72478044	4.72672204	4.90143066
2.72372311	2.7684403	1.00E-04	1.35125112	2.57324657	1.90628517
3.8773968	3.86924982	3.84471019	3.82085792	3.67228463	4.22612635
4.22275664	4.27202803	3.85351408	3.9364127	4.36930816	4.25501701
3.23810626	3.42738968	3.8919688	3.71247293	3.68829902	3.82315259
1.70810489	1.52771242	1.01811585	1.77732017	1.37648648	1.46890043
0.44197566	1.00E-04	1.00E-04	0.76506038	1.00E-04	1.00E-04
3.10123021	3.30592526	3.67388614	3.25498114	2.97943993	3.04321525
4.49594012	4.03449055	5.15397918	5.07797184	4.83210759	4.77460536
4.01460548	4.137973	4.06561348	3.99233506	4.31469531	4.23703656
2.66843214	2.70518175	2.08421616	2.16128114	2.29943177	2.27501295
2.76569889	3.27525128	3.08826614	2.31492475	3.64613911	3.09280488
4.36449046	4.28360614	4.55899746	5.04315173	5.24132078	5.23004753
4.64099249	4.25208919	4.02284288	4.08797168	3.72814081	3.86634177
3.60927742	3.32059714	3.30999565	2.99186336	3.001011	3.7109432
5.27290417	5.02797394	5.56609274	5.44192058	5.45380846	5.62412786
0.59306014	2.97336193	1.00E-04	1.93278989	2.09252042	1.17022582
1.98702889	2.08960176	1.00E-04	1.37969718	1.53633874	0.9940561
0.58345775	1.00E-04	1.00E-04	1.92985699	0.87192721	0.15499183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.85362443	4.82274499	4.75731258	4.97817424	4.98524774	5.18883591
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.25649044	2.78404517	4.33400909	3.56536978	4.50457809	4.5527749
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.90977483	4.48472819	4.68123675	4.98766722	4.44464865	4.65072215
1.67767221	2.71417189	1.00E-04	1.69019917	2.18513007	2.90189773
3.70182784	3.27529312	4.08500796	3.67647153	3.6923947	4.07115436
4.68660621	4.59381268	5.02957215	4.77731034	4.52046454	4.64775321
3.13417124	2.75151726	1.28609943	2.95900031	2.75641064	2.39796352
5.60610102	5.41213751	4.95892421	5.62819376	5.08099818	5.06581817
5.82978981	5.95500065	6.97145051	6.7280535	6.42930094	6.54230418
1.26256275	1.88994702	4.5678155	4.22192588	3.97963921	4.35100289

5.89257277	5.93526189	6.89327361	7.12846295	6.85287993	6.55837568
1.00E-04	0.7518857	2.23979802	2.25181625	1.20342587	1.63451803
4.06984708	3.81091175	2.80380367	3.34113678	3.80308217	3.69779943
3.65166776	3.26251468	3.31390128	3.45139816	3.63594401	3.61625861
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.45133089	3.50038384	4.00260557	3.3037316	3.1461766	3.05300091
4.5155895	3.36436184	2.04595548	3.48075519	4.42657109	3.95299711
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.39147213	2.56261629	1.30986649	2.88134678	3.1913707	3.07817979
1.73054623	1.55639293	1.06844428	2.70255802	2.39272944	2.45367857
1.18709114	0.87642195	1.28316224	0.75133275	1.33151028	1.53355127
1.99665922	2.83991795	1.00E-04	2.14940539	2.79223309	2.58393032
3.9902619	3.82164261	1.74110187	2.83660607	3.2198108	3.14893929
4.11522849	4.10950807	3.28379543	2.86139778	3.91707831	3.83547116
2.89859616	3.29826002	2.49952449	2.67433875	2.78511827	3.03572736
4.01721427	3.94731675	3.29856901	3.51694872	3.99013367	4.25906249
1.00E-04	1.08308501	1.00E-04	1.00E-04	0.23239377	1.00E-04
0.09415495	0.41409474	1.00E-04	1.00E-04	1.00E-04	0.87756761
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70451626	0.59232953	1.00E-04	0.76620686	0.49392672	0.8883272
1.00E-04	1.00E-04	1.38754516	0.70120444	1.00E-04	1.00E-04
1.00E-04	0.95851876	1.00E-04	1.00E-04	0.40281018	1.00E-04
3.19142012	3.06521529	3.26855867	3.32657742	3.50752482	3.33021627
3.36407169	3.59216303	2.17531885	3.07744829	3.76376347	3.69406574
0.09292159	1.00E-04	1.00E-04	1.00E-04	0.13235227	0.53800788
1.78412682	1.22051779	1.00E-04	1.66902808	1.21537328	0.84557098
2.67741588	2.21249254	1.89266115	2.32368674	2.91413476	2.66612103
1.00E-04	0.65837836	1.00E-04	1.00E-04	0.22206006	0.8007554
1.1500619	0.69392408	1.30986649	1.90614908	0.89512389	1.02155925
0.93455925	2.0731484	3.6110534	3.5016448	3.3083205	3.69172355
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.0450004	3.12725363	3.66077372	3.12777861	3.26988989	3.40087933
4.89017779	4.94228232	4.37479713	4.50674503	4.53891815	4.75341809
3.94270099	3.9277652	4.10477023	3.80327074	3.64161741	4.43520883
1.00E-04	1.00E-04	1.00E-04	0.72536601	1.28324185	0.52953375
6.75698049	6.62914126	7.72933131	8.15663749	7.74323716	7.63468384
0.54975373	1.69296453	1.00E-04	1.43078653	0.97266442	0.48642496
3.60353724	3.74773203	4.61305745	3.05247188	3.3638792	3.43345136
1.44232051	0.67526174	4.24523316	4.853679	5.17969936	5.37182665
0.69016855	0.57965788	1.00E-04	0.54257401	0.97771085	0.45092449
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18229203	1.00E-04

3.77221498	3.52028209	3.5999424	3.33142592	2.54693194	3.28740151
1.48092044	1.00E-04	1.00E-04	0.70556312	0.26667853	1.08601549
4.24730217	4.21208149	3.84941011	4.71950546	4.49779323	4.7566572
3.45140309	3.70463977	4.12602073	3.82698379	3.58399278	3.84872433
4.27474087	4.12681959	4.38813701	4.31205676	4.41396317	4.42367005
5.51867357	5.52551395	5.62373423	5.75515132	5.45029827	5.55870352
2.71554929	2.55951492	2.47720443	2.31679214	2.89324139	2.87790907
4.08809207	3.96303195	3.37352155	3.1371107	3.43188353	3.50727704
3.81106646	3.69532712	2.82810049	3.97676463	4.17655879	3.97899608
5.09786016	5.07868284	3.73081657	3.73731759	3.68472973	3.66051822
1.58225956	2.30932112	2.08421616	0.91369209	1.63585889	2.64426866
3.92594628	3.83557139	1.96627008	3.6267879	4.43982475	4.5951679
3.77798249	3.65283835	3.06222667	2.76589441	4.0088967	3.78529189
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.63830517	2.95223411	1.00E-04	2.03573218	3.10322939	2.91773771
0.75538565	0.95424678	1.00E-04	0.58410459	1.04650874	0.98415943
3.22455514	3.21327659	2.21895353	2.97006523	3.22035641	3.28578196
1.42017115	1.97438161	1.00E-04	1.62277254	2.56008745	2.68089613
3.0874538	3.57418876	3.25364977	3.40548751	3.43252366	3.69329639
6.70305787	6.52360139	5.30531866	5.3695326	5.48294448	5.57276961
2.60653391	2.50698955	2.54615246	1.67920598	2.25985987	2.55025809
1.06295075	0.67393331	1.00E-04	1.45479331	1.4004376	2.05558957
2.62610755	2.80066874	4.24753919	4.78503286	4.40225291	4.04687477
1.00E-04	1.25728848	1.94733951	0.5252732	0.40799504	0.98270745
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.12110746	3.94769279	4.84372825	5.07454158	4.56798101	4.84369716
2.83389246	2.74288122	2.81612046	2.32818414	2.42214331	2.91840748
3.25138443	2.96196872	2.28268104	3.13024412	3.37385203	3.68985385
3.76900115	3.4091664	5.13529195	4.99362364	5.36875386	5.50585718
1.00E-04	1.00E-04	1.00E-04	0.99697056	1.00E-04	1.00E-04
1.00E-04	1.34911458	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	0.5449975	1.00E-04	0.74310137	0.72512448	0.93206736
1.00E-04	1.00E-04	1.00E-04	0.81392237	1.00E-04	1.00E-04
1.45953797	0.71095122	1.00E-04	1.22253897	1.10666041	2.01957251
5.33880699	4.72670543	4.49129182	4.41698296	5.59965693	5.46825777
2.65523718	1.62918653	1.00E-04	2.21628196	1.97430754	2.19522041
3.64837067	3.29384731	2.4007165	2.44687267	2.68621742	3.09496095
2.36587423	2.61935974	2.21898798	1.99070082	3.18038213	3.04955115
0.68386031	1.00E-04	1.00E-04	1.00E-04	1.58178288	1.8994819

2.18881961	2.6409714	1.00E-04	3.08512366	2.53021154	2.86344163
1.5622408	2.5621672	2.8170415	2.47683429	2.54323872	2.20061778
1.95296733	1.68570936	1.00E-04	2.35021427	2.19625807	1.38026375
2.6861684	2.59485117	2.97515694	4.06888959	3.06724527	2.21784071
4.05541687	4.04126951	3.23125671	3.21078982	4.03690532	3.70856085
4.68238999	4.9967868	4.55264804	4.04975147	5.50790955	5.3966079
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86532772	0.46104644
1.76730007	1.95583565	2.04595548	1.83232433	1.6528773	2.00158393
2.20199169	2.12138596	2.81239203	2.04976283	1.93131607	2.14711933
2.55393677	2.95979002	1.74894376	2.0113901	2.18957307	2.51761947
2.56642586	2.22980737	1.82884255	1.87127299	2.08094516	2.48245124
4.22262385	4.24523751	3.93828338	3.95994609	4.09738702	3.97272384
3.01874649	2.61508666	2.83125034	2.36133338	3.19776137	3.10797952
2.13112906	1.90153607	2.71053759	1.95878279	2.62845848	1.81041892
2.32921333	2.54218907	2.84566738	1.61697488	2.54768724	2.62892488
3.65134463	3.80359492	2.80987456	3.42021048	3.44476068	3.45434167
3.56498616	4.03113391	2.86845831	3.77106936	3.84983525	3.92538458
3.73465807	3.8462783	2.77255068	3.61923196	3.29175648	3.50249973
3.38730304	3.1465355	4.25228658	3.69425569	3.48760269	3.8149224
1.00212563	2.18605782	3.18694277	2.78906785	2.90237245	2.75867822
0.74143003	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80946357	0.57217101	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.82868529	3.40145268	3.07610371	2.91285888	3.38555618	3.46418175
2.39177177	1.9045033	2.33391738	1.95156487	2.32610128	3.04607447
2.74611572	2.93479458	2.28297876	3.23069988	3.18020354	3.48502428
1.77965652	2.19916251	2.33037205	2.64607174	2.39481803	2.12854151
3.77536759	3.66753204	3.66435313	3.6235538	3.95176087	4.05451798
1.40638831	1.10759687	1.27996271	1.36391046	1.42943391	1.22160776
4.30555858	4.27789686	3.71198827	3.61054428	4.41188296	4.42143989
3.18282236	3.39039714	2.62734314	3.34304236	3.234292	3.49711014
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.33368096	3.79169361	3.48753046	4.37436501	3.9279202	4.17115721
2.0552528	0.78273981	1.11518827	1.87966578	1.44054113	1.62290777
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81156129	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55840391	1.00E-04	1.00E-04	1.00E-04	0.86532772	1.00E-04
2.64818608	2.85125465	5.79240085	5.81062714	6.12427055	6.43634187
4.46077529	4.02630485	6.18899874	6.24930941	6.96137779	6.68987353
1.00E-04	1.00E-04	1.00E-04	0.79830865	1.45819351	0.64822431
4.07824149	4.41178088	4.73359481	5.00903035	5.10406748	5.32984839
1.05561023	1.26088955	5.62910698	5.25563789	5.26749061	5.40171919
2.50912079	0.85460099	1.00E-04	3.51950241	2.77769228	1.96953199
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.12011721	3.06869404	4.64728379	4.66121525	4.49339183	4.71652476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3837423	1.31585788	1.00E-04	1.36901121	0.52812965	0.57696471
2.88034959	2.66264391	1.83054554	2.7805157	2.87010569	2.27991803
2.05119094	1.36563992	1.6068095	2.20536731	2.66310268	2.39591311
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.04595548	1.00E-04	1.00E-04	1.00E-04
4.82781894	4.66420487	5.25160992	5.31847466	5.43693506	5.49646347
4.08285211	4.18839203	4.63153547	4.64300457	4.73202238	4.64573919
0.90153599	0.24251465	1.00E-04	0.20501279	0.54142055	0.37208492
1.23037379	1.74474722	1.01811585	2.1447216	2.05789396	2.39786628
0.35811479	1.22155702	1.30986649	1.67316303	2.16081051	1.72913412
0.79566703	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62421873
1.00E-04	1.00E-04	3.44934531	1.00E-04	0.22206006	0.84924656
3.88328274	4.27338829	4.07900642	4.33700595	4.55210147	4.67942084
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05540371	0.94651753	1.00E-04	1.66691519	1.71873383	0.99828293
0.80221069	1.00E-04	1.00E-04	1.00E-04	0.21911936	1.00E-04
1.65421792	1.69820072	1.00E-04	1.22354171	2.18326615	1.67401568
0.31507431	1.00E-04	1.00E-04	0.65562728	1.05687283	1.46396488
4.17039943	4.02921685	3.87853943	4.13965605	3.36099996	3.32796518
3.14175981	3.20745586	3.34058867	2.91807612	3.37598094	2.18088639
1.8271939	1.46282801	1.28609943	1.06237064	2.53889251	2.43429518
3.46316171	3.61638661	3.40406306	3.70911187	3.63906255	3.83253925
1.29711238	1.46104672	1.00E-04	1.51403223	1.33722802	2.24667755
2.5000202	1.37277298	2.76395994	3.38269903	2.84054758	2.74806957
1.00E-04	1.00E-04	1.00E-04	0.56487062	1.00E-04	1.00E-04
2.49411297	2.05805776	1.30789632	2.6250621	2.11801144	2.1594706
0.09292159	1.13647464	2.31746301	2.62326851	3.64215573	3.37591558
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48497572	1.00E-04
3.00381806	2.76601082	1.94735412	2.7653406	3.14288116	3.60259813
1.00E-04	1.00E-04	1.75472403	0.77721523	1.00E-04	1.00E-04
2.57268228	2.69410426	1.83013888	2.42734464	2.70413681	3.00176498
3.30464319	3.13772975	1.00E-04	1.61982158	1.14417978	0.46236295
4.01873551	4.05687794	3.11510185	2.71162523	3.48602414	3.79136046
4.00868775	4.19019495	3.58724488	4.13776978	3.87695318	4.11298196
3.91414703	4.01523046	4.31849627	4.09974912	4.01394792	4.13981993
3.88112035	3.60749812	2.83883383	3.52439804	4.19576358	4.14721033
3.70681016	3.32779151	2.82302463	2.52178969	3.15050961	2.98726796
2.98593596	2.14079744	1.00E-04	1.75433846	2.79016245	2.07805914

4.16174779	3.99623345	3.80128049	3.27634298	4.24065855	4.57319661
2.18874238	2.44753206	2.9578385	2.51786952	2.99182911	2.67372958
3.30530345	3.49457743	3.71380028	3.64685444	3.77728456	3.85535108
3.79116144	3.79027508	4.08030294	4.09193658	4.34601876	4.15042612
3.61855901	3.66535502	3.90886584	3.4229317	3.67168375	3.86974571
2.77588984	3.00751217	3.41281344	2.39344121	2.69823786	3.47020584
3.88778505	3.6501485	3.27121247	3.34130708	3.75917928	4.14686747
0.27874649	1.34035117	1.00E-04	1.00E-04	0.97166923	1.00E-04
3.55896451	3.80469152	1.00E-04	2.90064414	3.39232664	2.7682673
1.00E-04	1.00E-04	1.00E-04	0.46085181	1.00E-04	1.00E-04
2.51457091	1.78807682	1.00E-04	1.53965055	1.75831562	1.55013255
1.34879479	2.00814997	1.00E-04	1.18035367	0.88854669	1.41708151
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52523255	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61749663	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.25428292	0.71119643	0.29591257
0.34600017	1.00E-04	1.00E-04	1.22369192	0.57885604	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57860948
1.00E-04	1.67691298	3.28042505	3.89287021	2.93902255	3.01349269
1.35576492	1.06378783	1.28609943	1.41254598	1.84780253	1.15670702
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3.66130431	3.53073831	4.0239782	3.62836143	3.88511411	4.10550094
1.47041579	2.00993754	1.00E-04	2.18007534	2.64936797	2.37629754
1.7239741	1.81844439	2.3892568	3.21693136	3.61521894	4.13913452
1.00E-04	1.00E-04	1.00E-04	0.24834324	0.57784182	0.68390115
0.77441224	1.00E-04	1.00E-04	1.60797492	0.59914015	1.00E-04
4.70954805	4.37994502	3.70234577	4.88432468	4.49993046	4.7758045
4.20138558	4.40063892	3.91634548	4.05212928	3.43918934	3.81891326
4.98889395	4.82891238	4.89412428	5.00292444	4.94063058	5.16331712
1.00E-04	1.00E-04	1.00E-04	0.56657147	1.42313902	0.86651014
1.00E-04	1.81124365	1.00E-04	0.65114092	1.00E-04	2.19129174
3.82467456	3.26990083	4.23598323	4.05018431	3.78314314	3.84716966
1.33726245	1.50080283	3.02076906	2.72440705	1.71200018	2.36841631
3.3310193	2.74243105	1.91285577	3.42412323	3.24877632	3.77437933
2.97213984	3.19034719	2.87563327	2.52555277	2.85397522	2.64168717
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.62338067	4.61939525	4.19570821	4.60040686	4.77910232	4.87965405
6.35775123	6.35372206	6.18907506	6.18524084	6.09956477	6.17290505
6.50492248	6.41888745	6.34928917	6.69801148	6.55040991	6.52334174
3.94158047	3.75481856	3.76456538	3.39851161	3.63768742	3.53591416
1.00E-04	0.21289605	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.1993489	4.4585968	4.52058611	4.38151105	4.14757837	4.43293276
3.44087433	3.82960592	3.29551948	3.13816185	3.67374626	3.64692933

1.73394184	2.38396527	1.00E-04	0.6309036	2.46687463	2.12449109
5.67668258	5.47357935	5.77318867	6.01457829	5.70853086	5.82623153
1.00E-04	1.00E-04	1.00E-04	0.67384177	0.64702076	0.71756505
0.59414184	0.66201723	1.00E-04	1.00E-04	0.71179628	0.13038568
0.09415495	0.75874508	1.42763756	0.99451445	1.40570644	1.65888018
0.30980585	0.69709067	1.6068095	2.16708085	0.88802601	2.81662884
3.77232112	3.70977394	3.40473815	4.03760083	3.9544117	3.89923754
4.03023942	4.5764331	4.90898809	5.08742473	5.36572334	5.55622806
5.05985477	5.10016585	5.95459264	5.87980629	5.69451092	5.44142391
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	0.2694577
1.00E-04	1.71478216	1.97044181	1.00E-04	0.08158092	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94768045
1.40833029	1.00E-04	1.00E-04	0.78815465	0.59620421	0.30913278
2.47292972	2.6381326	5.09073828	5.46161476	5.14128107	5.44692842
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03649619	1.8287382	1.00E-04	1.07104359	1.314396	2.44450922
0.80946357	0.60493976	1.00E-04	1.35584151	0.10440683	0.89492868
1.22060044	0.69835557	1.38754516	0.87329965	1.16599764	1.10655883
3.09701024	3.5444163	2.44101867	2.43115336	2.90835198	2.89164777
2.84199503	3.10627098	2.32459149	1.83786668	2.76290659	3.14234194
0.75023767	1.0067139	1.00E-04	1.00E-04	0.33004234	0.57226055
2.91926173	3.27823355	2.94205101	3.91617144	3.86897284	3.5035501
7.49573475	7.32546304	7.00658931	7.44287172	7.30674367	7.22771427
1.00E-04	1.00E-04	1.00E-04	0.71219483	0.88886241	1.00E-04
3.10594688	3.63116175	3.40266605	3.33617559	3.42856371	3.50256347
2.43005372	2.69127829	2.47316998	1.12358024	2.27122674	2.82317696
1.32118034	2.06238408	1.27996271	1.9882793	0.93974561	1.31445598
2.08194637	2.40014775	3.03340135	2.16176556	2.38386978	2.60370651
1.00E-04	1.24953229	1.00E-04	0.84653972	0.45834436	1.00E-04
1.99983505	2.57613309	2.61750653	2.41127779	2.87517905	1.82391882
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25940884
4.87930617	5.19259528	1.68194567	3.70159088	3.11997027	2.93692192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32943408	1.00E-04
0.15907666	0.60883144	1.46133917	0.65562728	1.61698028	0.47982332
1.71109642	1.79494654	1.00E-04	2.32598199	3.15753915	2.99165908
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	0.64315202
1.92960318	1.38436964	1.00E-04	1.60768762	1.41156354	1.42036566
1.00E-04	1.00E-04	1.00E-04	1.20383496	0.58159157	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61128888	1.46007726	1.7081747	2.00342054	2.33080765	2.18124323
4.3576904	4.39740819	4.31723322	5.02559929	4.76778132	4.76359782
1.1779632	1.08961067	1.00E-04	0.96008477	0.44122202	1.00E-04

3.37976357	3.96763186	3.97511118	3.39715324	4.02752322	3.74382901
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05938774	2.08081558	3.97475481	2.55148629	2.29694942	1.98298419
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33327329	0.70400943
4.10769789	4.0846618	4.05540452	3.5380578	3.7308571	4.17542533
0.70185963	0.52991195	1.00E-04	1.00E-04	0.81787663	0.46485346
1.00E-04	1.01880553	5.09205086	4.95446123	5.01434838	4.75438151
4.05800223	3.98003221	3.6345819	3.93150803	3.7567624	3.31789881
1.16575707	1.00E-04	1.00E-04	1.81400931	2.15076707	2.15792027
1.00E-04	0.87276769	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.05968755	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.99186481	4.68509943	4.80253418	5.04941353	4.96018922	5.14960322
1.49507721	1.97900535	1.00E-04	0.55096982	0.52854982	0.38899346
1.86306342	2.13572513	1.00E-04	1.22851011	2.03112743	2.13176152
0.54572308	1.00E-04	1.00E-04	1.00E-04	0.42731424	1.00E-04
3.71084177	4.12668303	4.66115154	4.01254073	4.57115778	4.42037969
5.11376103	5.2140726	4.15783387	4.74951893	5.10382753	5.25789569
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.27736538	4.56148132	3.9519211	4.10058626	3.86230165	3.76013603
1.97325901	0.41929553	1.46133917	2.53550484	2.16527629	2.05909498
0.87680183	1.00E-04	1.00E-04	3.30259477	2.79748873	1.96963203
5.01577848	5.17616907	6.20856775	6.22140384	6.28597286	6.35862326
6.13051712	6.23100045	6.04015257	6.38966025	6.67267224	6.49766058
1.00E-04	1.00E-04	1.00E-04	0.79650495	1.00E-04	1.00E-04
3.42733719	3.54414879	4.3158281	4.18704855	4.4165175	4.75748015
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.9418185	4.86800332	4.5771913	4.44353713	5.17314715	5.15448709
2.76280436	2.4990343	3.40225119	3.51449944	3.64816142	3.75951874
3.58708899	2.8730596	5.92078617	5.82946106	6.18861772	6.3521924
5.07162728	4.78202535	4.81810858	4.59736989	5.23035629	5.0847086
4.50506493	4.72268166	4.92003982	5.24553489	5.4285044	5.36590931
4.32180879	4.29945069	4.4031287	4.49586888	4.65014164	4.67680476
1.00E-04	0.72342246	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.11936146	4.0045847	3.65105734	4.18037381	3.57911571	3.55922271
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.1025063	5.23981805	4.51536525	5.18110256	4.83461947	5.01309472
1.00E-04	0.53738242	1.00E-04	1.00E-04	1.00E-04	0.37073618
1.11193429	1.44750757	1.00E-04	0.6796518	0.69638762	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.59360891	3.60100754	2.44578519	2.97607314	2.96089546	2.76287737
3.02114513	3.59865663	3.83653487	3.49939679	3.81888714	4.04449138
4.53585361	4.46866685	4.39556943	4.73922729	4.33333804	4.41096461

2.27567812	2.1176505	2.61161207	2.8586908	2.67722419	2.96696607
3.29783736	3.41866048	3.91010902	3.79334152	3.92701245	4.40596765
0.60765791	1.00E-04	1.00E-04	1.00E-04	0.9955677	0.89492868
3.50944163	3.68961164	2.13330553	2.70866937	3.53285497	3.59354328
4.64349759	4.19567394	3.73836122	3.72542173	4.88795215	4.64025103
1.43415553	1.9779464	5.69727344	5.73434565	6.02788782	6.07497224
3.65439199	3.46007556	3.92898868	3.37710461	3.81424187	4.12057765
3.52975031	3.13473726	4.36164743	3.76860974	4.21232431	3.86363666
5.01030798	4.92702552	4.66674863	5.02743067	4.89954702	4.75207193
3.8754537	4.0865663	2.98105103	3.49466545	4.33431643	4.07932522
3.64787966	3.65670654	2.36759305	3.08976419	4.12916682	3.81194175
5.31318006	5.22089652	5.42087541	5.67644383	5.34294777	5.3676775
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20628126
3.79437604	4.08346152	3.93288781	4.02285786	3.80176716	4.33956333
3.32258482	3.76271781	3.55235688	3.22538647	3.51454131	3.70839647
2.76051717	3.21026686	1.00E-04	2.35360622	1.99315041	2.70496536
4.11672116	3.90849338	4.49367973	4.06425245	4.28576874	4.23599516
3.66486907	3.02092571	2.88684865	3.05197066	3.43953352	3.46927298
2.61895367	2.27664373	2.7119394	2.80705251	2.84328444	2.84540975
4.13310239	3.86197854	4.10274254	4.35900719	4.27784078	4.43336546
1.59655947	2.60745202	2.37434441	1.76167055	2.62614048	2.36880933
3.61223975	3.57827914	3.85586427	4.2133879	3.96998409	3.88833975
2.8613416	2.08361585	2.08421616	1.83918926	2.11089732	2.66674154
3.7849636	3.53404804	3.26063934	2.74062824	3.19857154	3.76338618
1.23456648	2.66700629	1.46133917	1.57724458	2.05104891	1.81400318
2.35769725	2.94050182	3.96197618	3.59581967	3.04483641	3.71661723
3.80492892	3.82714105	4.02204652	4.01198097	3.77888525	3.95691854
1.14969047	0.75510726	1.00E-04	3.15155373	3.00395766	3.1731779
2.84552127	3.62189966	1.00E-04	0.45991406	0.82727624	0.56131478
2.82670411	2.0313662	2.3824664	2.02977395	2.19646884	2.41746719
3.14518535	3.00416732	1.28316224	1.32814492	1.82723901	1.14053979
4.66958299	4.6703138	3.79112318	3.1097557	2.8908785	3.35206207
1.55256001	0.91615584	2.10071842	1.45080589	1.42273247	1.16445218
4.58951192	4.57197258	4.65605922	4.83892201	4.77136878	5.02774069
0.67088901	1.80681077	1.6068095	1.92123615	1.48561663	1.84283935
1.41732655	1.43012441	1.00E-04	1.00E-04	1.81308167	1.46298451
1.00E-04	1.00E-04	1.00E-04	0.61072705	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.48963798	1.96011337	2.37524348	1.93625288	2.80562304	3.25905199
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.53063348	3.7793799	3.98868728	2.51683228	3.87163585	3.80323611
1.72608133	1.54556391	2.30664863	1.80469125	2.09293426	2.28248264
3.33687228	2.80092466	3.05449281	3.04433015	3.55148229	3.35621288

3.88853086	3.31200083	3.31859312	3.19233135	3.58630966	3.42498498
3.4690946	4.02638276	3.43189948	2.96904721	3.34855311	3.68079604
3.2847993	3.14039111	3.53528116	3.12404407	3.63834055	3.65061414
1.49504582	1.03947035	3.11007933	2.77091188	2.78033883	3.51849369
0.52523255	1.08693549	1.00E-04	1.00E-04	0.85874781	0.63250491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.75880517	4.63703179	3.99585617	4.59984251	4.73445657	4.5894243
3.76462475	3.6597119	3.55410674	3.23457988	3.63678723	3.70366785
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.43125726	1.00E-04	1.00E-04	0.60827888	1.00E-04
1.00047569	1.62894282	1.00E-04	1.16015321	0.89575653	0.63250491
1.00E-04	1.00199589	1.00E-04	0.14912336	0.503594	0.97739404
3.69684504	3.89165063	1.75021175	3.74948317	3.48288456	3.76671287
1.68429407	1.63632749	1.00E-04	0.90787356	0.89764001	1.15285057
2.16932148	3.19978062	1.00E-04	1.35572663	2.24437796	2.07115507
3.89783037	3.93840875	2.81239203	2.78505176	2.84177367	2.30551772
4.06977745	4.20361293	1.00E-04	2.52048057	2.61399422	2.3195632
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.71817091	1.00E-04
2.83657582	3.40817037	3.73733498	2.85758662	2.71875178	2.32643766
7.01672407	5.98158594	4.47911942	5.34398655	7.0598466	6.4607272
3.44095493	2.28522047	1.28609943	1.85157984	4.04688795	3.15596905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.84252816	4.32880057	3.13897845	3.97018475	5.08609186	4.87879485
0.5670447	0.71020935	1.00E-04	1.00E-04	0.9027859	0.49041951
6.68952184	5.74613437	4.73338309	5.41404324	7.20618237	6.23092408
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90609459	0.63913365	1.00E-04	0.39596165	0.74632616	1.00E-04
4.48187167	4.4215456	1.89064666	3.50916434	3.24682717	2.72642876
1.56795846	1.85834228	1.00E-04	0.95486263	1.15408536	1.1889857
3.93370658	3.95565338	2.7847194	3.39381668	3.62907264	4.08345127
4.13462471	3.76588184	1.00E-04	3.1500391	2.5093903	2.36651226
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34788583	1.59436166	1.42763756	0.64315265	0.5141638	0.53262181
2.07374556	2.48102675	2.70105207	2.22197517	2.42085288	2.70505644
3.75714187	3.38449988	3.30446419	3.8503783	3.56646231	4.07258102
4.88061856	4.78613474	3.0785211	4.97045636	5.0880593	4.80778695
4.6446295	4.80576393	4.45887402	4.7558193	4.72790089	4.99403736
4.15657264	4.16710082	4.58374572	4.36965446	4.26440354	4.28445373
3.81295131	4.06148362	1.9503961	3.32044525	2.95119212	2.71414463
4.71417687	4.80485685	3.01523036	3.18753202	4.44966712	4.28801078

3.41581311	3.37079107	2.31568024	2.73155616	3.01536757	3.03864808
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.40459493	2.06691954	1.00E-04	0.9710142	2.12995261	2.05790251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12420735	1.49630014	1.00E-04	1.105372	0.9528882	1.43187446
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.08424027	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59672396	1.00E-04	1.00E-04	1.00E-04	1.91289719	1.20527357
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45881046	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.5730619	0.86623204	1.00E-04
4.68749057	4.44643691	4.15179965	4.70124352	4.47528583	4.57548872
1.00E-04	2.09902808	1.00E-04	1.50248336	0.51161763	1.78497629
3.16468468	2.86287411	3.15394793	3.04206144	3.18971012	3.45924509
3.46297465	3.35612605	3.41301547	3.49229481	3.6444024	3.68983355
5.46422724	5.43578968	3.18343975	4.09300335	3.47262574	3.2851755
2.7727604	2.41364303	1.00E-04	1.51230687	0.4783264	0.16236604
3.87443601	3.70833723	3.83901053	3.64953422	2.70067483	3.45099982
1.00E-04	0.59374324	1.00E-04	1.00E-04	1.00E-04	0.35948108
2.89654266	3.57088011	3.36801732	3.07903243	3.32019604	3.19307133
4.87032115	4.68786684	4.43397132	4.75217551	5.03460976	4.87716032
2.85781215	3.05404804	1.74110187	2.70749026	3.17027139	2.72755613
4.71390454	4.46745409	4.41948028	5.21063968	5.26320713	4.61278418
4.4651515	4.38249899	2.93018255	3.28895748	4.23975517	4.34881456
4.71845025	4.5875085	3.60497674	3.55119517	3.69805369	3.92677852
1.55778698	2.30434263	1.84089633	2.17591228	2.11355577	2.18841869
3.40475958	3.61535207	3.61978359	3.4400478	3.28886539	3.71163465
4.0569393	3.97786146	3.1236126	4.3380089	4.52655851	4.43787445
5.17004353	5.20818471	5.55771133	5.33052052	5.08116179	5.10632105
4.49125359	3.92859495	4.93887642	4.72417462	4.76896087	4.79358976
1.98164425	2.51296793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.25682856	4.43877744	4.87741046	4.83407475	4.5756082	4.56312793
2.2633407	2.34246589	1.01811585	1.30755266	1.6124951	2.1528741
2.45026345	2.61603489	2.0050073	2.96235743	3.03973924	3.49756175
0.51477986	2.188934	2.33323053	2.20655493	2.91309786	2.04982014
1.82234943	2.17516798	2.90978359	1.98728091	2.17591461	2.31578012
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.53940515	5.55560818	5.69886545	5.28777499	5.682651	5.77494542
4.0883963	4.45855997	3.57359801	4.2619443	4.69679842	4.76222777
4.32762757	4.53651534	4.51042405	5.14618453	4.81305521	4.7720425
1.7850589	1.2078655	1.30986649	0.68354979	1.24298556	1.0978511
4.74764757	4.800392	3.72110703	4.33368753	4.10582614	4.23561445
7.31614139	7.26419972	7.17757863	7.10099278	7.172333	7.30000796

3.99231499	4.03372412	3.93962036	3.97970051	3.50955907	4.04137991
4.68075299	4.57041941	5.34075893	5.52428232	5.51614701	5.66846401
2.80229935	2.73116472	1.82713664	2.367165	2.63150119	3.17159538
1.99152827	1.59706935	1.00E-04	1.00E-04	0.45089648	1.14053979
2.8255053	3.52717713	4.51287	4.42559957	4.47986247	4.25592582
0.94030394	0.81841118	1.00E-04	1.49960414	2.18038127	1.63693931
1.4933035	0.69835557	1.74110187	2.23784827	2.21106537	2.2956708
3.7812009	3.98974227	6.03983245	6.10591578	6.13605637	6.26599116
5.06318586	4.69186969	5.11228949	5.67151493	5.57452731	5.82390219
5.84161342	5.80646138	3.79329518	5.40679238	4.83220481	4.73186237
2.72672656	2.65853786	3.42400374	2.9292248	3.28211275	3.32420965
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05792534	0.65326668	1.00E-04	0.37771766	1.00E-04	1.00E-04
4.6338756	4.86548503	3.97971313	3.95843919	4.13059717	4.35512073
2.93635115	3.29536355	3.26800541	3.4231607	3.801151	4.07753791
2.5596108	2.50148173	2.46682134	2.92000145	2.94225022	2.83101593
0.09292159	1.15581627	1.81104972	1.60165011	1.82869845	1.59768299
4.54416579	4.62994561	4.6037745	4.67347592	4.68216461	4.98304153
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.64376453	2.49869904	3.70748647	2.80089008	3.08727167	3.12914735
4.39010318	4.6616826	3.83843003	4.12801809	4.20043446	4.63596662
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
2.1670839	1.71883192	1.00E-04	0.37250181	0.69804018	0.54539808
1.04327901	1.31026151	1.00E-04	0.73342256	1.00E-04	0.48971388
4.13460042	4.42112315	3.4230006	2.96866638	3.50890394	3.52356546
3.77210599	3.40548743	1.00E-04	2.05933341	1.96229029	2.29621967
3.9966109	4.27474329	5.87394937	5.94874211	5.70202009	5.7714865
2.48133965	1.12762009	1.00E-04	1.64636526	1.91665566	1.24186524
4.14997821	4.25643068	2.10010256	1.53350353	2.88619997	1.86674681
4.2843226	4.35458912	3.8235003	3.76822141	4.45106036	4.47704001
6.06985631	6.05247031	5.92061558	5.51775861	6.34070236	6.38669815
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.7164632	4.92834338	4.38086765	4.15357431	4.36053702	4.34052564
0.82240454	0.24251465	3.01486966	2.65588847	2.42491418	2.4165388
1.48080855	0.52165842	1.00E-04	2.56146863	2.51402205	2.2720222
1.84296307	2.67391724	4.23071465	4.28740588	4.38576047	4.61544443
3.74216252	3.67609116	5.22997278	5.54912205	5.29960046	5.22793994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87276769	1.42763756	1.00E-04	0.61749663	1.00E-04
1.46970636	1.02424798	1.00E-04	0.80306694	0.36639306	0.57696471
4.64793506	4.80487241	3.9378929	3.95603074	3.97004739	4.29327544
2.47107251	2.86904428	1.9520273	1.63998314	2.27460098	1.99816637
3.98317659	4.08244469	3.96230776	3.7969634	4.21842182	4.79868718

0.18020261	0.8884328	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.08975741	3.70543297	2.46682134	2.92739348	3.40033712	3.57176343
5.52051502	5.49443351	4.86472233	5.4492909	5.68427904	5.75784599
3.85742833	4.05579036	2.46027134	3.29190785	2.62883028	3.13208407
0.09292159	1.00E-04	1.00E-04	1.03117212	1.08141445	1.56799456
0.1163586	1.34844439	1.00E-04	0.93196305	0.50776922	1.00E-04
2.0059829	2.38622467	2.26969129	1.44690233	2.38540919	2.00078175
1.59123708	1.09468091	2.15679487	3.52193814	3.32974317	1.17353043
1.64176786	1.70220469	2.95437481	3.33455829	3.36872541	3.54674402
0.54572308	0.8711176	1.28609943	1.32124164	1.13626482	0.98612236
4.90052425	5.05083897	5.84956937	5.82414595	5.71238886	5.92546284
4.5783865	4.43777924	4.40918333	4.48007269	4.40815638	4.36466789
1.10848744	2.04668005	1.01811585	2.15180817	2.50550663	2.23365757
5.22681435	5.42711225	5.30443252	5.65894262	5.62056011	5.6081723
6.32487052	6.24162513	6.35392709	6.46766818	6.31185953	6.35552126
5.57618162	5.7731816	5.74637006	5.98071506	5.7660997	5.98022356
2.51256667	1.99163045	1.00E-04	2.17968124	2.8709867	3.081572
3.57221327	3.57852581	3.33160073	3.60464662	3.20699315	3.99599352
0.97924452	1.40049179	1.00E-04	1.00E-04	0.16276316	0.28029224
4.84819028	4.70169434	4.77603942	4.56056713	4.96581388	4.86530453
5.87088724	5.89254788	5.90286367	6.03768455	5.83120095	5.7536699
3.37603804	3.1888205	3.79188805	3.06801246	3.34117822	3.06288287
4.97139718	5.0561749	4.25648021	4.36439833	4.99561348	4.57025996
5.69541427	5.58383788	5.77101549	6.10939362	5.88956881	5.62367948
4.82606924	4.73222457	4.49086798	4.59336581	4.73540286	4.8851361
0.81863726	0.66201723	1.00E-04	0.37325883	1.30295982	0.63250491
3.00749935	3.15589963	2.42335524	2.18707215	3.13945351	2.86786946
1.92771593	2.12280433	3.21670753	2.24705438	2.38729786	2.97160484
2.53909036	1.80269928	3.26042556	2.24198615	2.8777787	2.89892491
1.00E-04	0.68583034	1.00E-04	1.00E-04	0.22206006	1.00E-04
3.49761038	3.383129	2.97141833	3.46143088	3.35472375	3.92125476
3.46315674	3.54181857	2.39048373	2.93909257	3.24883664	2.99764994
1.47583162	1.00E-04	1.00E-04	0.65562728	1.00E-04	0.15671146
5.87043894	5.63822243	5.8049406	6.06604523	5.75637576	5.93400774
2.24905422	2.09427395	1.00E-04	1.34449376	2.13384058	2.59889742
3.77098488	3.75559782	3.67347134	3.11343803	4.10320101	3.9846994
3.78043785	3.62948509	2.89732192	3.26515973	3.39244738	3.72834821
4.24382325	4.19458074	3.83901634	2.67677622	2.91278281	2.74506917
2.61458707	3.27878105	2.6802661	2.76021982	2.90656409	2.6557493
5.06533691	5.39595031	5.49998257	5.44810069	5.30394071	5.49451251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58301904	1.00E-04
4.27095835	4.50775047	4.09754494	3.67163507	3.90195918	4.20962882
3.74589183	2.87431981	4.36798362	4.21608314	3.82606714	3.04639138

0.89711149	0.56456051	1.00E-04	1.00E-04	0.18229203	0.40709304
2.07762281	2.68189866	2.34926999	1.34611871	2.01595472	2.00546656
4.36568008	4.40071103	3.36966989	3.97833139	4.70226712	4.656702
4.24304566	4.09554849	3.45822098	3.80037078	4.47233415	4.53438545
5.42318554	5.29758544	4.2534054	4.81755954	5.01528746	5.11764445
4.25261478	4.58542097	3.93952895	3.84662947	4.17711559	4.34596455
2.54614404	3.00931849	3.99437118	3.32202033	3.77633113	3.70450997
4.43996141	4.16529777	4.10864377	4.50839319	4.37795127	4.48743667
0.9323496	1.00E-04	1.00E-04	0.92099324	0.57947934	1.00E-04
3.12908425	3.64175332	3.71324303	2.88113601	3.24367461	3.48520352
3.25475031	3.1844215	3.01299431	3.49292751	3.84549812	4.16695323
0.44197566	1.00E-04	2.03123029	1.61585465	1.9743481	1.71399548
3.77568206	3.1163468	3.34357782	3.67245168	3.58901206	3.74813863
1.13611408	1.58823477	1.00E-04	1.07462527	0.7956828	1.00E-04
0.86580123	2.26500005	1.00E-04	0.72937106	1.00E-04	1.49070551
2.26610026	2.48730644	2.4223658	1.87074295	2.18623303	1.71179243
1.96606638	2.03903688	1.00E-04	1.19961206	2.37107977	1.70271515
3.09008884	3.26341578	3.08255991	3.10079498	3.36887405	3.09898887
4.03843126	4.13738594	4.55542751	4.58737479	4.45641721	4.73146737
3.02841979	2.84867045	4.23105175	3.06375744	3.32377171	3.00906362
2.21921252	1.94716775	2.08421616	2.67814804	2.80304687	2.30258791
1.93398182	2.1834564	1.77763584	2.17492987	1.68132718	2.28565387
2.83888844	3.27379936	3.36126027	3.41396042	4.10291642	3.61591322
2.71687993	1.98484888	1.30986649	0.25428292	0.8162324	0.34031455
3.21303674	2.86957705	1.30986649	2.2450275	2.41535966	3.00914116
1.03787439	1.19883841	1.00E-04	1.45482234	1.93681653	1.8767856
2.00733523	1.19263929	1.00E-04	0.76607369	1.02086742	1.00E-04
4.40432512	4.34169053	5.08423097	5.03217444	5.06229605	4.83639306
0.96105559	1.00E-04	1.00E-04	1.68207631	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.6068095	1.00E-04	1.00E-04	1.00E-04
1.97363483	1.38574444	2.46099858	1.11571913	1.35552192	0.94512015
4.38784713	4.34371306	3.68773972	4.04072601	4.08570013	3.68791661
0.58683111	1.00E-04	1.00E-04	0.25428292	1.00E-04	1.00E-04
4.28143361	4.46363546	4.07135652	3.98633967	3.67002386	3.40639397
1.87859676	2.31521483	2.16058273	3.03397138	3.35679463	4.12368146
3.73994741	4.080809	3.67738193	2.92447096	3.89141911	3.95281996
5.95833188	6.02834776	4.41579323	4.72430626	5.75908268	5.69324049
5.9607878	5.94652455	5.11130564	5.41839077	5.85487122	5.9018056
5.61642214	5.71886349	4.68259761	4.58562406	5.73553047	5.57929464
4.37754326	4.57311863	3.40767622	3.51573718	4.1838986	4.42116025
5.17398519	5.15573503	4.60404041	4.57992958	5.19906672	5.28171161
4.23232155	4.41799496	1.11518827	2.6367229	3.48136559	3.52787826
0.85981543	1.00E-04	1.00E-04	0.69339096	1.00E-04	1.00E-04

3.76311487	3.95602688	3.25016045	3.59466733	3.85717818	3.78310191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74484335	1.00E-04
3.33958347	3.55501789	4.90364141	4.73508741	4.8435238	5.10493058
4.082836	4.37663373	3.36212732	2.67048674	3.21678653	3.32682462
2.83329037	3.03554952	2.15426289	2.1095246	2.44519741	3.22268237
3.04909877	3.47290701	2.54132336	2.4859724	3.01212734	3.35366697
3.47385449	3.77625233	1.75472403	3.06547597	2.33444668	2.96346903
0.09415495	1.93243825	3.00083814	2.83926901	2.9268952	2.45338707
1.30072063	1.53264244	1.00E-04	0.86511484	2.0317027	1.64834239
1.72821203	1.94127008	1.00E-04	1.00139328	1.8767	1.76672025
4.10245491	3.6932987	4.60393172	4.92161598	4.40771766	4.35392725
2.16998869	1.48404005	2.62085719	2.80944983	3.45808694	3.73392368
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.88110216	4.16303329	3.10489334	3.28512893	3.30833281	3.57324936
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.52360732	1.00E-04	1.00E-04	0.18229203	1.2453837
2.37803093	2.87721624	1.00E-04	2.95987323	3.07303014	3.51224214
1.00E-04	1.00E-04	1.00E-04	0.66641237	0.35063257	1.00E-04
0.59938621	1.44810998	1.28316224	0.62209038	1.00E-04	0.30974433
1.00E-04	1.00E-04	1.00E-04	1.38894054	0.64162919	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	0.41953258
1.84283539	2.3067806	1.00E-04	1.18197471	2.21536216	1.9858359
2.20260339	1.00286318	1.00E-04	1.28646558	1.43015509	0.91754055
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27874649	1.24138789	1.38754516	1.1520155	1.94954723	1.31662701
4.63249027	4.251399	3.94173664	4.23271212	4.78601766	4.92664505
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
5.44864735	5.29564466	5.35116524	5.22292248	5.2052892	5.24309661
2.27609292	1.83180681	4.10135879	4.32163106	4.42581269	4.53856918
0.43421155	1.52410992	1.00E-04	0.65114092	0.53598832	0.4683059
2.48527011	3.09617727	3.63692449	3.28977496	3.30992814	3.44441581
1.48843834	1.00E-04	1.00E-04	0.66130263	0.58169155	0.30047008
1.00E-04	1.00E-04	1.00E-04	0.9607966	1.00E-04	1.00E-04
1.21594247	1.00E-04	2.81239203	0.36652747	0.80549359	1.03487711
1.9106778	2.29861888	2.538793	1.57846739	2.3715765	2.19226039
0.78695338	1.00E-04	1.00E-04	1.12426385	1.47168314	1.00E-04
1.41250724	0.57217101	1.00E-04	0.59034814	0.5685166	0.60320767
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.19740394	2.64168829	1.00E-04	0.43961201	0.40545371	0.76814719
4.450813	4.05305633	4.72598329	4.61301993	4.47658188	4.60844246
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.53343804	2.37516011	1.46133917	1.27744285	1.68719835	1.25327734
2.34045651	2.20221014	1.30789632	2.33824026	2.39147747	2.29663505
3.11595305	3.54129684	3.15607342	2.1550757	3.44848525	3.16170358
1.00E-04	0.61715521	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.62561547	4.60026184	4.46054132	4.56453293	4.44850518	4.84613826
4.04333817	3.62036651	3.91871024	3.85957612	3.7902501	3.76093446
5.62801288	5.44852861	5.38814162	5.79617464	5.59579246	5.36824523
0.33099482	0.74771768	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07758582	2.9841152	1.9875272	2.72184112	2.22417303	2.29881271
2.14722741	2.06992125	3.69967527	1.72528402	2.25310396	2.2584866
1.00E-04	1.00E-04	1.00E-04	0.25428292	0.50700543	0.68727927
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.10615811	6.10317233	6.43421884	6.55079889	6.62129426	6.66946533
3.8992993	3.90057988	3.79000332	4.20160588	4.01294029	4.42178896
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.19067103	2.49537211	4.3683243	3.92241982	4.22737514	4.55976438
1.00E-04	1.00E-04	1.00E-04	0.6391028	0.57358482	0.73583705
1.00E-04	1.00E-04	1.00E-04	1.63880718	2.20511079	1.96719941
1.45440238	2.11110454	2.46158875	0.37250181	0.31843376	1.00E-04
3.181472	3.21027721	3.43009021	3.80906164	3.69211804	3.83553305
1.00E-04	1.00E-04	1.00E-04	1.49031406	1.00E-04	0.70840066
2.15168852	1.83772371	1.99302242	1.62550815	2.20495247	2.25941505
2.76781473	3.01335844	1.00E-04	2.36320112	2.66398763	2.89179044
2.243319	2.87786482	1.49210505	0.58849759	0.87467685	1.06435365
3.39139252	3.52314649	2.59335638	2.58504499	3.32837877	3.20357541
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.84442077	3.98975948	4.52881907	4.55563228	4.68538272	4.47321287
0.40515069	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.57079298	1.47623617	2.40227448	2.93249398	2.838119	2.86361974
0.60784988	0.75551806	1.00E-04	1.99722861	1.06750611	0.76141374
0.61152103	1.00E-04	1.00E-04	1.00E-04	0.58408879	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.7530512	0.22206006	0.46104644
2.71149312	2.60420256	2.50896868	2.53768259	2.89920128	3.31405374
1.39556765	1.1389318	3.23284731	4.03064297	4.04966443	4.00171267
1.00E-04	1.00E-04	1.00E-04	0.20501279	0.17279347	0.76605712
2.68615856	2.37215374	1.00E-04	1.88800859	2.14701917	2.71926588

0.82204417	1.00E-04	1.00E-04	0.95537362	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89408742	0.8798823	3.74291805	4.27353148	3.71514096	3.76982052
4.28615418	4.04426338	3.79316925	4.17566355	4.19526329	4.2415583
5.01517889	5.04818462	4.74569581	5.05196923	4.94242248	5.09275975
0.55840391	0.67979967	1.00E-04	0.44891413	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.24210666	4.28782153	4.158212	4.00792709	3.7431817	3.71642103
3.63051149	3.71810555	4.23296863	3.54583328	3.68304428	3.7649008
5.5791141	5.40107134	5.57490167	5.94482323	5.55621657	5.51446884
2.40904934	2.70525443	1.85807109	2.38875536	2.87591085	3.49650431
2.72830945	2.65342599	1.83013888	2.71155563	2.96158286	3.37671208
1.00E-04	1.00E-04	1.42763756	1.00E-04	0.86532772	1.00E-04
4.83206645	4.7042652	4.98598878	5.27459194	4.9668485	4.97312217
4.39420843	4.21778819	4.48564838	4.27381253	3.99655151	3.98832592
4.69124652	4.62660773	4.11787272	4.82640317	4.28637148	4.66971579
3.51493071	2.87814605	2.69349331	3.63201792	3.61238463	2.87766657
4.90274245	5.18049227	5.09369823	4.57149208	5.29162031	5.45005532
2.23098614	2.12708142	1.00E-04	2.49707517	2.08015138	1.52931488
4.76739257	4.79603084	5.27255458	5.27565967	5.21436941	5.34083079
3.29476681	3.67390004	3.34609613	3.48591214	3.57182901	4.05556916
4.76174179	4.75944579	4.96504808	4.98142687	4.93228234	4.78948261
5.38878589	5.274277	4.88925162	5.43973668	5.10543594	5.47239138
3.10142545	3.1047536	1.00E-04	0.79784152	1.72060867	1.02371613
3.47180411	3.84716893	4.38336584	4.73028784	4.20489003	4.69418741
3.37921089	3.65165555	3.6673414	2.82849875	3.2427052	3.4544742
4.21121352	4.52014247	3.19742244	3.38956322	4.32290957	4.4194215
4.15966976	3.89504293	3.86276448	3.48870432	3.69898116	3.95920279
3.58912806	3.39774366	2.36102084	3.32071434	3.30755055	3.18939328
3.54600472	3.17443002	3.85670275	3.59654704	3.4124749	3.19754882
3.44420641	2.61739227	3.93794085	2.75416679	3.00195299	3.17190813
2.26018609	1.56522529	2.62234846	1.98773006	2.12652087	2.51923926
3.59467369	4.04646917	4.2200994	3.72754742	3.50174912	3.76518667
4.0093635	4.19520027	3.58823841	3.45850589	4.18003375	4.00404905
2.24589981	2.00247801	3.1032917	2.70280631	2.36594232	1.89119387
3.74818432	3.37781014	3.03798263	2.64201514	3.38084971	3.42538355
3.8534953	3.78834022	4.04846429	4.2375166	4.12244393	4.25569612
2.20752407	2.52861812	1.30986649	2.09175315	2.78863391	2.55102713
4.61028379	4.57170301	4.40261091	4.57544998	4.53234997	4.53526722
4.50061865	4.49706601	4.78636331	5.0576707	5.14089515	5.21194537
2.20497481	2.22371872	2.33534776	1.9887966	1.71727969	2.31285944
0.97313895	0.88861151	1.38754516	1.58997589	2.60750886	2.08874841
3.62541913	3.32462539	2.61495749	2.95263261	3.72224096	3.31304637

1.46542099	1.41557417	1.00E-04	1.00E-04	0.79986284	0.2457152
3.95237703	4.1803073	4.11326618	3.47513771	3.23916645	3.30082449
4.21885493	4.55767685	3.89415131	3.76094879	4.18685111	4.41646748
5.6794682	5.5733496	5.14188652	4.87287986	4.44885805	4.63992942
1.78842457	2.69348738	2.92851494	2.20479133	2.23934439	1.86274597
1.96716996	1.86034985	2.3963028	2.91519406	3.40524147	2.87827559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	0.14317243
4.53930486	4.31187174	2.5441115	3.8678933	4.69303171	4.41361677
5.93868394	5.86837723	4.75405863	5.13488485	4.69268583	4.59671312
1.44058275	2.4241444	1.00E-04	1.00E-04	1.11123723	1.00E-04
4.00858629	4.21989288	3.95149754	3.84606363	3.84252005	3.99259007
4.36606348	4.33055307	4.97909948	5.19071393	4.96469053	5.09133388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85066136	1.32225011
5.08948435	5.01027366	4.96775607	5.44167088	5.05664412	5.20403394
4.56771393	4.11428984	4.48397124	4.32822949	3.64943268	3.8080788
1.00E-04	0.55253127	1.00E-04	1.28226542	1.02050576	0.66810332
2.97647724	3.14640738	2.39227744	3.35121405	3.07943357	2.65120373
3.28788547	3.33265557	4.00679554	3.56763445	4.20549254	4.41455546
4.08778547	4.04784512	3.50714792	4.38738809	4.19077045	4.17884988
1.10508055	1.00E-04	2.7308259	1.6907562	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.46113951	4.51738993	3.76119764	4.43247078	4.25247353	4.1891383
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.51259539	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92387651	1.00E-04	0.95537362	1.00E-04	1.00E-04
2.06337206	1.43229827	1.00E-04	1.20709813	1.552841	1.70200769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.92036037	4.55368373	4.90725766	4.98242547	5.01881739	4.79165062
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.54513291	2.3565946	1.89992109	2.63629352	2.67579558	3.06042168
0.6853338	1.74034843	2.18508413	2.24002023	1.98096164	2.04015303
4.47164003	4.61472701	4.7512164	5.10324072	5.23882778	4.8640174
4.26427576	4.4767557	4.99871016	4.53304405	5.07073064	5.10340172
5.16340773	4.9211904	5.17586263	5.02421581	4.94926655	4.93354284
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33327329	0.83508919
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.32138943	5.23876354	3.1509306	3.01415934	3.3029747	3.30838891
4.81810272	4.4735678	5.19093773	5.38513161	5.23683728	5.082651
1.00E-04	0.75874508	1.00E-04	0.78264478	0.95569197	1.00E-04
0.85783963	0.90571514	1.00E-04	1.00E-04	1.00E-04	0.41953258
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
4.9730823	4.87960534	4.16388848	4.03796554	5.08197321	4.91012351
4.25988303	4.3913339	3.52113118	3.64663779	4.67675013	4.6153846

3.89715705	3.95873257	2.18748907	3.40776539	3.73663609	3.84807092
5.39439409	5.35944709	3.90136777	4.40114824	5.2745578	5.21189563
6.01040961	6.21151963	4.7031363	4.56809765	5.76092938	5.64245728
4.4075093	4.44535932	3.13437302	3.38307408	4.3785123	4.40322121
3.79352399	3.78719202	3.55937586	3.04917195	4.03568891	3.9987723
5.28526277	5.17522017	4.77632797	4.67412498	5.46633901	5.49838675
4.13288646	4.09952795	3.46938526	2.59459649	4.16775571	3.98375695
4.24752466	4.41789314	2.68738901	3.13502045	4.18889141	3.25017948
4.40610236	4.66398259	3.86549766	3.40369981	4.4918768	4.41778356
4.32407056	4.51159863	3.56568047	3.18801099	4.32277881	4.21677553
5.46693581	5.43252504	4.08111411	3.78976275	5.13288278	4.88599619
5.01029804	5.24801	3.45332649	3.73145375	4.96535845	4.55976683
4.31109068	4.20703839	4.38162351	4.02912489	4.63304175	4.38154263
4.36556586	4.13153659	4.01714608	3.57326911	4.24788504	4.17252429
4.91348368	4.80843425	3.90854017	3.92818764	4.81524744	4.67011701
4.91038872	4.8656912	4.58656001	3.76306015	4.88196694	4.67023521
3.51259262	3.37678402	4.50620318	4.323682	4.55356666	4.65577014
0.31507431	2.123311	1.00E-04	0.69320557	1.67678668	1.90360061
3.83640523	3.79528982	1.88496008	2.96390182	3.78035206	3.64915351
2.87379655	2.48419144	6.76011379	6.88883793	6.81925407	6.65729584
2.82250048	3.36363728	5.71650257	5.37062557	5.73481785	6.22022983
1.08311757	1.42487776	1.00E-04	0.37082421	1.00E-04	0.38032321
4.2318968	4.19372717	3.29021317	4.10872218	4.8588442	4.76553688
5.1534862	4.79197028	4.19326753	4.75463358	5.48489782	5.11252096
3.52336843	3.36348463	4.01967123	4.17830934	4.46069219	4.42028349
1.00E-04	0.48013639	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.97055538	4.98635774	3.80022462	4.1639107	5.19317662	5.00569532
3.84558408	3.47125064	3.80164708	3.93044753	3.94667774	3.99577027
1.00E-04	1.00E-04	1.00E-04	0.76825397	1.00E-04	1.00E-04
3.59962794	3.06136435	2.78440359	3.02136127	3.6006934	3.07302256
3.34204276	3.29977777	4.26891231	3.29079896	3.77126531	3.82483359
1.13859594	1.00E-04	1.00E-04	0.95609001	1.00E-04	0.65519325
2.83182999	3.03397007	2.6272705	3.30794901	3.63107119	3.23975152
3.99651675	3.92951506	3.07302043	3.57894501	4.12682384	4.07496827
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.65745498	4.29754049	3.99977635	4.12833848	4.95980482	4.61302295
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.34249962	4.139099	4.15484626	3.39696256	4.07811488	3.51898948
1.00E-04	1.06176183	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58443014	0.75203029	1.00E-04	0.29016598	1.00E-04	1.00E-04
3.95997328	3.74878421	3.83358352	4.21230396	4.36240468	4.19947061
3.97892551	3.90988331	4.44755098	3.90510222	4.24294866	4.27337091
1.91344191	2.17327243	1.30789632	2.2163231	2.16679692	1.28328302

5.36955905	5.17566413	4.37849345	4.65689043	4.27774074	4.28379005
1.00E-04	1.00E-04	1.00E-04	0.46633175	0.82200558	0.81667555
1.4034043	2.83526597	1.52319676	2.0203936	2.1028725	1.20485333
2.98869467	3.08584132	2.91466843	2.69011041	2.65036165	2.62277424
1.00E-04	1.24071149	1.00E-04	1.66653732	1.25562705	0.63288904
5.95591064	5.8321531	6.58858936	6.98362895	6.37885676	5.98189053
1.33693362	1.16770547	1.00E-04	1.33478911	0.69835252	1.60386364
4.76314086	4.89647687	5.7221742	5.73972592	5.434511	5.55651909
3.33483625	3.02022182	3.67910492	3.12848083	3.16777109	3.0429087
2.82717793	3.00147683	2.27594859	3.12024557	3.16367733	3.38573314
1.6091744	1.17748016	1.30789632	2.35182829	1.49042655	1.8730213
4.91751987	4.758753	4.74121418	4.57392197	4.3735998	4.68176008
3.27903251	3.13521623	2.66588138	2.72404295	3.40936387	3.49607752
1.54320574	1.73481223	1.28316224	1.24808715	1.18959167	1.75933031
4.84580026	4.73608149	4.3778785	4.97022174	5.06832193	5.06732171
1.30532177	2.55349151	5.50551304	5.014089	4.34560065	4.0760085
5.56831345	5.38272185	5.20145841	5.75141481	5.37068956	5.57321876
6.06359665	5.92403546	7.16286382	7.38347837	7.13783707	7.22414962
5.24193445	5.07679454	5.15377209	5.18619168	5.13381981	5.18477777
2.76359503	2.55549651	2.06596253	2.21934933	2.43731486	2.74251616
5.50454612	5.43156598	5.42479056	5.652422	5.51979222	5.65551144
3.99558394	4.11814651	4.17295944	3.99138861	4.03411755	4.50786152
4.3221753	4.51237853	4.63612855	3.82209148	4.39782667	4.81289192
5.11769671	5.01746006	4.8354039	5.51501685	5.09326022	5.24259396
3.68506315	4.09639016	4.33106339	4.18844121	4.33072962	4.54590107
0.9633307	0.70944022	1.00E-04	2.09242096	0.8722906	1.29343363
2.48180332	2.7858281	3.56211901	2.34302453	2.9519811	2.26628832
3.89516285	3.96460734	2.75856883	3.02964113	3.66026898	3.55642552
4.67987302	4.59300889	4.15754554	4.28134877	4.28133434	4.1908885
1.63757054	1.6213116	1.89266115	2.28648441	2.15996613	2.00974775
3.68062163	3.84623399	3.79967117	3.01637277	3.7878375	3.90691667
0.45760253	1.41991519	1.00E-04	1.22860123	0.68701705	0.73710653
3.63839451	3.47040079	3.52332757	3.02738265	3.71324999	3.80397628
2.21586005	2.45008467	1.91285577	0.55976379	2.3115095	2.36094905
0.16178697	1.00E-04	1.00E-04	1.0651032	0.16276316	0.68550969
4.72689525	4.55212076	3.13201325	3.95919659	2.74352385	3.40708741
4.58852805	4.13744186	4.64482333	4.53594158	4.37906924	4.15025528
2.69213543	2.85574555	3.068995	2.46664516	2.65608739	2.82048899
4.18261991	4.79378164	5.06875094	4.59998797	4.71395653	4.79304805
0.62708415	1.00E-04	1.00E-04	2.26685397	1.34188464	1.00E-04
2.35419259	1.84863257	2.12933866	1.84623644	3.33581765	2.33945194
1.00E-04	1.00E-04	1.00E-04	1.49480549	1.00E-04	0.43730888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19075652	1.62316097	1.00E-04	0.51479692	1.79348133	2.05906208
1.53275553	0.79695418	1.00E-04	2.52288666	1.43405132	0.76414204
3.81158629	4.33413508	3.6259733	3.96860653	4.1944543	4.27339031
0.72917597	1.74699915	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.19839644	1.620366	1.00E-04	2.55127291	2.34470266	2.65723379
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.96258692	3.44714185	3.07420564	2.98878116	2.65686415	3.26789121
4.21279722	4.13776178	5.01554427	4.69918724	4.82986638	4.64600085
0.09415495	1.16848607	1.00E-04	1.32004657	0.4122132	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.19073783	1.00E-04	1.00E-04
8.37343666	8.50661548	6.8164902	7.71608618	8.01645259	7.74590548
2.29922368	2.92324453	2.22227459	2.23389738	1.66939387	2.36462695
4.11043615	3.99078656	4.03506131	4.14898324	4.79949959	4.84819237
1.66190652	1.50540835	1.00E-04	1.02249747	0.57885604	1.00E-04
1.00E-04	1.05912457	1.00E-04	2.58361283	2.04336082	1.80081873
1.7410409	2.16107865	2.5274474	0.15557081	1.72648227	1.54021157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.20702296	2.31377992	1.00E-04	1.41814653	2.64446556	2.38515679
2.49719498	1.95557702	1.00E-04	0.86972001	0.90976313	1.12347173
3.22269669	3.69596004	1.7310621	2.00260161	2.74983299	3.01744491
4.05718757	3.68317776	3.4567457	3.83184139	3.46140611	3.28233668
3.50788004	3.81718331	3.4048319	3.92349376	4.06604294	4.20698225
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8945181	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73067524	2.2296575	1.00E-04	2.66922746	3.20138652	2.43735149
1.00E-04	1.00E-04	1.00E-04	1.03871834	1.02528145	1.27921194
2.15593329	2.63598523	1.00E-04	1.00E-04	1.52226833	1.00E-04
0.179071	1.00E-04	1.38754516	0.95407449	1.28297463	2.12251085
0.58345775	1.40058419	1.00E-04	1.00E-04	0.33307364	1.32962032
3.60632474	3.42776603	4.46182018	4.08087316	4.32423585	4.21084096
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55896898	1.00E-04	1.00E-04	0.24834324	1.00E-04	0.30913278
1.00E-04	1.00E-04	2.73838482	2.22572543	2.35576863	1.78428411
4.17385948	3.7599384	4.07814328	3.9752068	4.37904515	4.41188502
0.37284702	1.43921259	1.00E-04	0.97219021	0.4367313	0.90823458
2.36619312	2.43874351	1.28316224	1.59517386	3.03595127	2.86822964
1.52115918	2.35884243	1.00E-04	0.58849759	1.58956555	1.73568963
3.8582735	3.88915429	4.92207019	4.74691761	4.46920585	4.78005264
1.00E-04	0.84355469	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.71354873	2.47756525	1.88729871	1.96381482	2.66822759	2.52670761
0.7310124	0.72729952	1.00E-04	1.00E-04	1.13085998	2.01503408
1.45653031	1.11743956	1.28316224	2.72327288	3.12663108	2.63175884

2.79374382	2.48024838	1.84089633	2.29315335	2.4111536	2.1482871
1.32557938	0.62495469	1.00E-04	0.6796518	1.31810699	1.4395094
1.00E-04	1.77062847	1.28609943	1.38402685	0.56572427	1.21185587
3.44051347	3.41836422	2.85684901	2.53431347	3.57149034	3.72723738
5.81351668	5.7189104	5.81656684	6.29847425	6.26582398	6.31463954
3.22774505	2.64924127	3.06963583	2.2079128	2.06739867	2.76098997
1.58358107	1.92566634	5.64536396	5.26352005	5.74545341	5.80386485
3.3703877	3.77810196	3.80938756	4.20675964	4.26564822	4.36900964
5.2098333	5.34136888	3.54796177	0.59574527	1.35405216	2.06470309
2.49107177	2.20355612	2.11197681	1.84998713	2.78712537	2.50791158
3.88717732	4.06189575	3.56117325	2.89040644	3.41551541	2.98210789
3.1846362	3.33130863	1.00E-04	2.08140742	2.47717552	1.8931115
2.30458516	1.20066337	2.2681588	2.85636088	3.06528462	2.7869369
2.81633761	2.65576869	2.48700141	3.29903843	2.78004763	3.18419075
2.85535581	3.05531271	3.07543329	2.69229138	2.74818243	2.41645203
3.65123628	3.16687046	2.56118742	3.64217474	3.40776614	3.24735524
0.41262511	1.31186096	1.30789632	0.41438246	0.73643393	1.33325521
3.10600345	2.82152194	2.9564025	2.92599036	2.60972357	2.87023192
1.57916198	1.50586953	2.89256967	2.97257091	3.29789178	2.65980767
1.60696544	0.8680432	2.57807325	2.55032546	2.03880912	1.92877074
0.34600017	1.00E-04	1.00E-04	0.79306028	0.8480837	1.75273177
1.37093916	1.39489956	1.00E-04	0.76113877	1.00E-04	1.00E-04
2.41013468	2.32630446	1.28316224	1.33077215	2.43566571	3.13089272
1.93240116	1.73931151	1.00E-04	1.16270768	2.6977047	2.39452249
5.00825164	4.99396338	3.77812453	4.0339932	4.80629757	4.74815047
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.29459793	4.33874701	3.57530901	3.17244607	3.42918558	3.59170775
4.39580571	4.1459625	3.99372517	4.25889175	4.37541286	4.51479108
2.53953167	2.90173786	1.27996271	2.61460073	3.26989248	2.09525069
2.50454237	2.14529182	3.11293627	3.59921503	3.10563927	2.8900583
1.00E-04	1.00E-04	1.00E-04	0.49595628	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.05771523	1.00E-04	0.25940884
3.68110217	3.266038	5.15879076	6.03195497	5.82814085	5.93814204
3.34601058	3.6744355	3.5653258	3.34696128	3.86453511	4.18828151
1.28786726	1.77149907	1.00E-04	1.72598582	2.05386578	2.05171034
3.39775447	2.99508566	1.00E-04	2.41769475	2.75821465	2.30944941
4.01421877	4.0095822	3.62540922	3.21022234	4.30389443	4.14961945
5.29859419	5.02983582	5.96904661	5.86628663	5.66825314	5.62590273
4.81092893	4.76388664	4.70393446	4.94147409	4.68603012	4.7398707
3.8340415	3.94935047	3.79839488	4.23215566	4.02619989	4.34575719
4.37381327	4.3383705	5.94322924	5.79300211	5.63111569	5.78205901
3.07954421	3.46495793	2.52980552	2.31336	3.15463495	3.01237559

3.82819637	3.5205854	2.7968258	2.80542304	3.55803665	3.19548651
2.2748462	2.83526364	1.46133917	2.51952225	2.64277079	2.47928479
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.17949751
1.79640285	2.24725745	2.04595548	3.13969591	2.41614545	2.21845518
1.00E-04	1.00E-04	1.00E-04	0.9770374	1.00E-04	1.00E-04
2.25566012	2.32151014	2.07744416	1.37048931	2.27023473	2.59164642
0.85368312	1.67841836	1.00E-04	1.56358489	1.6823195	1.94491927
2.76000461	2.54248655	2.41654993	2.5760538	3.26591491	2.67599213
1.64649928	1.86150337	3.0553151	1.92675997	2.32871104	2.22002373
3.18189252	3.51053558	3.68698403	3.36344926	3.49698147	3.60174675
5.15321706	4.75018982	5.4504036	5.95740269	5.62831194	5.51145765
5.54800355	5.52940738	5.39553254	5.6704985	5.44915618	5.54541973
1.00E-04	0.5882165	1.68194567	1.37225137	2.52800966	2.26246094
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.59320406	3.57019612	3.47784929	3.4718119	3.47315977	3.67930746
3.79113239	3.81658015	4.22546382	3.58663136	3.95185303	4.05374681
1.00E-04	0.86453657	1.46133917	2.31879892	1.8632999	1.04864481
2.28237949	1.25425786	2.59966343	2.51840901	2.95489654	3.15478148
0.58345775	1.53365927	1.00E-04	1.00E-04	1.00E-04	0.75682992
3.77029992	3.60363526	3.80231598	3.06317229	3.59408478	3.43254232
5.91318214	5.79593132	5.66194308	5.96017214	5.97810785	5.93690696
2.77685724	2.87894879	1.75472403	1.20026092	1.68020958	1.7827727
3.57620738	3.64310123	3.46183152	4.34299797	4.20336234	4.19563055
1.81240269	2.20746249	2.72762691	1.99549282	2.87375911	2.81595876
3.62042899	3.80826784	3.05025426	3.13686194	3.29363009	3.36502676
2.07832655	2.43235015	2.0351745	2.17066301	2.29384185	2.44871268
0.54975373	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.70079048	2.39278531	1.00E-04	1.40124673	1.96296205	2.60938758
3.16172964	2.35676213	3.68414378	3.38226138	2.96321795	2.59748656
2.42566396	2.76009395	1.06844428	2.24670863	3.04636152	3.06375841
3.03235234	3.04372571	2.81511198	2.45452214	2.78280492	2.57044344
0.98543743	0.65510607	1.00E-04	1.00E-04	0.83262947	0.40793063
5.27053431	5.31017418	1.28316224	1.74752085	2.62370678	3.18737503
7.05249431	7.19969227	5.85714915	5.8797188	5.94447858	6.04177792
4.26152515	2.5525494	1.00E-04	3.00688556	4.24525189	2.86100354
4.22994322	4.32257953	4.77756867	4.97026086	4.89576579	5.10665778
1.00E-04	1.00E-04	1.00E-04	1.35082469	1.00E-04	0.4683059
3.19175942	3.02241515	1.82342144	2.68390284	2.0496445	2.18554776
2.23180001	2.15311459	1.78117254	2.13713623	2.39491312	2.06606789
4.03860647	4.10181613	3.75244502	4.277927	4.4589388	4.33520154
1.034883	0.3972097	1.00E-04	0.37325883	1.65750921	1.78456705
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20628126
2.34613551	1.67041428	3.00731395	2.91047854	2.62020463	2.36971203

3.93622043	3.80416002	4.07889136	3.90756609	3.93426157	3.60689765
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33848153	1.00E-04
1.29587921	0.69136595	2.72771699	3.103246	2.40790862	2.05636119
3.98522082	3.6812974	3.71789537	3.74413043	4.13483439	4.2240365
3.89241311	4.09834942	3.47214056	3.70055265	4.17697216	4.477367
1.2740592	1.42568694	3.57061707	2.77422475	3.015968	2.9821169
3.32999759	3.90061025	1.00E-04	2.24194541	2.39124068	2.60664481
5.01387194	4.93517214	5.17211411	5.06334038	5.14371471	5.11225984
3.31235815	3.59836573	3.57775228	3.3643837	3.39485764	2.94573594
0.27093267	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72825032
1.00E-04	0.59232953	1.00E-04	0.37325883	1.00E-04	1.1594651
3.75163889	3.8190825	3.84102341	3.83196158	3.94408303	4.26095549
3.02292029	3.01137481	3.27057745	3.26079303	3.78310785	3.59857212
1.99937941	2.6432998	2.59912137	1.13624178	2.21116426	2.71038775
2.48625825	1.85068532	1.00E-04	0.52265047	2.75004893	1.94536329
2.53298023	2.83914484	1.84117224	2.08145878	1.93904014	2.56656274
3.19953806	3.07138868	2.82288117	2.47756221	2.94789405	3.20440133
0.24405756	1.00E-04	1.00E-04	1.08785419	1.0839728	1.48410194
1.00E-04	1.00E-04	3.39222288	3.42607051	3.99766845	3.97469515
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50118162	1.00E-04
5.14843218	5.15044311	5.73680822	5.66744468	5.26141494	5.36749262
0.68428921	0.96296157	1.00E-04	1.20809226	0.26654268	1.31004432
3.6220234	3.55265492	1.92782151	3.06106973	3.05367973	3.39533606
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42111345	0.67399315	1.00E-04	1.28302376	0.87547704	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94242976	2.04793524	1.83054554	0.97286348	0.94995304	0.6346414
0.9638158	1.24773592	1.00E-04	1.00E-04	0.08158092	1.00E-04
0.93758891	2.33220575	2.75629094	2.74257581	2.14938727	1.52941404
1.9391105	2.01799641	2.44156954	3.63465115	2.56349371	3.6675078
1.5637641	1.81865792	1.00E-04	0.44987755	0.72382771	1.29713746
0.83886534	1.84231995	2.00743688	1.86707225	1.96606802	2.18865416
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9638158	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83353181
0.09292159	1.71036843	2.08421616	0.86085107	0.9023768	0.74062327
0.09415495	0.32854769	1.30986649	0.82880062	0.43517553	0.81625573
3.18048459	3.08084887	2.76564236	2.44900738	3.65206695	3.12992233
2.74097395	2.12095152	2.01665726	2.53821739	3.1896219	2.89981386
4.08591634	3.53979021	3.21094755	3.1553197	4.79764677	4.36283346
2.68532996	3.10478905	2.64725958	2.85020483	3.53293908	3.99391283
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.15114141	3.35463151	3.32899221	3.47111825	3.41321555	4.18904451

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16448447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.10962298	0.42237447	1.00E-04
0.72087393	1.1094459	1.00E-04	0.7537902	1.46260421	1.82531072
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1953623	0.64234672	1.00E-04	1.21331492	1.00E-04	1.00E-04
2.46945783	2.41714341	3.33449917	2.76463503	3.47767515	3.46951471
5.43597158	5.21757507	5.92733771	5.6749268	5.9137456	6.03958896
3.905928	3.03085752	2.81239203	3.01755391	3.94765731	3.80448995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.44555938	1.00E-04
1.66706395	1.68645676	1.00E-04	1.00E-04	0.33004234	0.41953258
1.08018438	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00337581
0.93851318	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.43860486	3.82678446	2.51644761	2.9914442	2.97332349	2.89737596
3.42010489	3.417428	2.31711227	3.07431437	3.30982809	2.93837533
5.05583197	4.81690333	1.00E-04	2.82264515	2.03891015	2.31481281
2.71135466	2.02033407	1.00E-04	0.97829953	2.42383985	2.4086837
3.92740355	3.84206505	3.6757178	4.19392335	3.78675995	4.00802236
4.50404991	4.58839425	4.67607436	4.3153036	4.62692973	4.80324487
4.0436379	4.10675994	3.88951737	3.83707612	4.22424729	4.10718638
2.0235359	2.49325836	2.10092533	0.20501279	1.86517174	0.76334277
3.75674229	3.62034057	1.00E-04	1.00E-04	0.80798168	0.71229756
5.38154723	5.35894401	1.00E-04	2.76695928	3.32029871	3.48721004
3.3085779	3.54216136	3.8527916	4.17642959	3.6817109	3.9373521
3.78885549	3.73250942	3.92210963	3.83975248	3.53421979	3.66273122
3.69961199	3.99461766	4.08806233	3.8001353	4.03643847	4.27508148
0.45390172	0.83752307	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.12235953	5.94725755	6.07099532	6.25561036	6.03742418	6.08624931
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
0.64652675	1.20574532	1.00E-04	0.75133275	1.42724252	1.30076789
2.04255676	1.684334	2.04025287	2.77133554	2.86747363	3.49910127
3.1859592	3.18353705	1.00E-04	2.02792834	2.77251184	3.14677342
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.45261613	3.27013941	1.00E-04	1.00781832	1.00E-04	1.00E-04
3.09983733	3.2260147	2.69890565	2.88503292	2.42338896	2.6743879
3.62459633	3.46313768	3.59962598	3.74839673	4.0351852	3.96644243
2.0132343	2.27762411	1.00E-04	1.74926756	1.9538363	1.74666285
4.71593374	4.66640812	4.29817119	3.57034735	5.05809507	4.64362961
3.84318494	3.95972304	2.09234034	2.75145102	3.90919466	3.78674323
0.51731848	1.00E-04	1.00E-04	1.00E-04	0.49120682	0.70400943
2.32492607	2.68517495	1.73497509	1.79398129	2.47505977	2.73113437
3.35958728	3.06905605	2.88534908	2.88059101	3.41054891	3.42850472
3.26519532	3.57672483	3.21102521	3.40984244	3.28534662	3.49155887

3.71575413	3.86526839	5.04232099	5.0072505	5.21448909	5.33531721
3.23049468	3.24547033	3.54367597	3.1703734	3.68871204	3.60323448
2.62141536	2.21181098	1.00E-04	2.63147462	2.4706088	2.73970726
0.37484237	1.00E-04	1.00E-04	1.00E-04	0.17637488	1.00E-04
0.92564392	1.25213699	1.00E-04	0.96864979	1.844881	0.87283162
2.77068909	2.43012159	3.24169938	3.52089266	3.08416472	3.49664504
1.00E-04	0.7421014	1.00E-04	1.80082981	0.66237856	1.23135905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99345872	0.91617323	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.93371667	4.56684342	6.29913318	6.55500734	6.29343123	6.25220524
0.57077505	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31167709	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9666051	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94114725	1.00E-04	1.00E-04	1.00E-04	1.28674263	1.00E-04
0.7456603	1.41448249	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59074735	4.871594	5.50980559	5.50484728	5.44478536
5.25776509	4.96593153	6.325387	7.02510398	6.64925142	6.70439538
2.55109151	3.48288661	1.00E-04	2.44302936	1.80667016	1.1952274
4.88449918	4.86906721	5.95036286	6.16925542	6.12983444	6.0990764
1.78240442	0.83717107	2.46682134	2.15656856	2.69862911	1.2688102
6.66725669	6.64392227	7.51309619	7.04949313	6.33384229	6.18728781
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.30456997	2.85578926	5.3745268	5.46737379	5.61612902	5.4734302
2.69657473	1.39151044	1.00E-04	2.20743505	2.64401177	1.66897127
3.55182071	3.65259819	3.65026012	3.17249733	3.36948206	2.78667609
1.29888504	2.31691446	1.00E-04	0.78264478	2.16397977	2.82727124
3.86414457	3.71460928	4.31854304	4.26139173	4.48290867	4.73978114
2.49141836	2.45281655	2.28458581	2.46811922	2.33274255	2.75037805
1.80787728	2.31163115	2.16483827	1.16373716	1.00E-04	1.00E-04
2.3599851	2.56139785	2.35742396	1.33200096	2.64730402	2.30044159
4.8661234	4.88720752	4.74951277	4.71935303	4.96887182	4.99255416
1.00E-04	1.00E-04	1.00E-04	1.08776749	1.00E-04	0.46873513
1.93213276	1.91414557	1.30986649	1.07030317	1.97927124	1.88091077
3.27664621	3.49537941	2.18025638	1.89431405	3.03883871	2.79967397
2.55392663	2.69945075	3.9472004	2.57094052	3.51608432	3.12150686
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.94005801	2.71155304	2.95156402	1.85546294	2.80037621	2.24928818
2.92733731	2.82223932	2.43755996	1.06187691	1.21925079	2.46446628
3.80672693	3.55674268	3.86369427	4.02278588	4.05439368	3.74662499
2.29407221	2.98241231	1.30986649	2.70399421	3.29620325	3.45885617
1.19050943	1.94477719	1.73310115	1.90989477	2.75509973	2.32125044

3.02914823	2.76366514	1.9860718	2.0893978	2.75136932	3.2430463
2.20579537	1.52275494	2.36641186	1.38249737	1.24036172	1.10458598
3.34200736	3.88855575	2.090011	3.16019979	3.49116427	3.65725407
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.15347006	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18222295	1.6697482	2.37366532	1.66226275	2.06311619	1.72260189
2.55166558	2.50780448	3.64976767	2.82199801	3.11613868	2.58489408
5.79668729	5.83766491	5.24810552	5.6562467	5.67439	5.57335893
5.34846501	5.11123084	5.52195278	5.67087153	5.56135745	5.44109925
3.72661133	3.92339111	3.81802366	3.5701398	3.38405855	3.5065861
3.17470573	3.03888109	3.24948389	2.52643334	3.1611476	3.5502878
3.34470946	3.05044801	2.82216627	2.74911333	2.06963977	2.87894599
1.40229545	1.15318963	1.00E-04	1.90339625	1.6581418	1.24708996
3.35187751	3.87514489	2.96093768	3.65240206	3.84169516	3.31731881
4.08246916	4.15177473	4.17553141	3.97926397	4.13837113	4.01012674
4.49183985	4.4240595	4.45024422	4.55285555	4.61131283	4.63069863
3.67668195	3.24875727	3.36555258	3.08520403	3.67153951	4.20091507
1.00E-04	1.00E-04	1.00E-04	0.65562728	0.80571403	0.61312945
5.15981169	5.01958594	5.71142952	5.42349967	5.23851743	5.29330585
4.58952886	4.71257415	4.51413534	4.20289478	4.27634383	4.52280081
3.04943808	3.46190308	2.9232556	2.8676982	3.43608588	3.46998114
4.70106894	4.40119097	3.85013867	3.83814865	4.18706509	4.32629233
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.00E-04
3.72671587	3.72844724	4.11332469	3.52138413	3.68920411	3.81440277
2.73302893	2.43699406	1.91026073	2.57865632	3.21216545	2.69471573
5.08645739	4.72603404	4.50852562	4.8375349	6.00208108	5.90196701
2.87415679	2.35311071	2.51207395	3.10212311	3.83333932	3.4008044
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34984526	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.41815522	1.00E-04	1.00E-04	1.00E-04	0.63795266
1.28363006	0.94384884	1.82342144	1.68311342	1.92837112	1.64693945
3.3856075	3.10278184	2.11252854	2.50037959	3.19289028	2.97986071
4.2050293	4.17695818	3.71739104	3.57433631	4.67236508	4.57399131
3.33756758	3.25760702	3.01760804	2.88717101	3.16246357	3.25048001
3.26295299	3.08141448	3.44201651	3.43871262	3.79098516	3.93448746
3.72716645	3.45635598	3.84868428	3.15671738	3.13877117	3.27938803
2.6919418	2.55957004	2.36466166	2.50101803	1.64926285	2.06351661
1.75721865	2.37070014	1.46133917	2.2984327	2.03634772	2.11306046

0.16178697	0.92031514	1.00E-04	1.00E-04	0.34037024	1.00E-04
0.15907666	0.92995371	1.00E-04	1.07924389	1.32128198	1.00E-04
5.33539429	5.32918478	4.66544227	5.22443336	4.99935201	4.98213629
4.29863133	3.80700441	4.56692125	4.58779093	4.08278562	4.2940365
2.4935607	2.40429344	1.38754516	2.59794715	3.29765132	3.56632017
3.80217548	3.77252709	3.85739439	4.31005	4.21148828	4.27495265
4.49904671	4.27954246	4.47756504	3.93328233	4.52367111	4.36003653
1.06661379	0.44867039	1.46133917	0.37771766	0.99028881	1.01593807
1.00E-04	0.3708313	1.00E-04	0.76213049	1.61814521	1.66421412
1.84592026	1.86811191	2.32267567	2.08252109	2.59974115	2.21739416
5.41055444	5.27961324	3.76762889	4.84979379	5.37560303	5.45641231
0.53612888	1.00E-04	1.00E-04	1.00E-04	0.17279347	1.00E-04
4.54199625	4.62378929	4.83031403	4.60114591	4.43535913	4.3901162
4.50613601	4.40010929	3.95893677	4.07403246	4.24017949	4.27482185
4.24025659	4.3529521	4.25098714	4.14607715	4.5429528	4.29970714
5.12180195	5.24077942	1.00E-04	2.02653363	2.17554506	2.27887968
1.00E-04	1.12034152	1.00E-04	1.00E-04	0.62739879	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48081128	1.31782977	1.67979948	3.41288889	3.55511208	3.26086345
3.17846404	3.12787189	3.42434979	3.07431485	3.35807933	3.55691682
1.85979359	2.05250661	1.30986649	2.25744072	2.78480036	3.20812235
3.51342242	3.52227886	2.55360932	2.76027883	3.35238554	2.78676233
4.61041627	4.69758241	5.66848312	5.58152132	5.84098532	6.00769393
5.84814043	5.61246842	6.21383825	6.32321661	6.13073311	6.26579418
1.27393587	1.21380205	1.00E-04	0.79021453	0.1324183	1.00E-04
2.59855061	2.30156031	1.00E-04	1.71368878	3.06134185	2.77099146
5.15206613	5.27857474	4.63460956	4.0694355	5.33603376	5.06055855
3.81091708	4.17329087	3.51351646	3.63416004	3.81038411	3.84111111
5.92944365	5.90569708	5.01800192	5.24087489	5.20902838	5.36555554
4.48945747	4.09947652	4.60572808	4.630847	4.80809771	4.5495654
3.0786266	2.48504859	1.00E-04	2.94887394	2.52870841	1.76123204
0.7339697	1.00E-04	1.00E-04	1.43058597	1.00E-04	1.00E-04
1.83029155	1.32762897	5.65140163	4.85670383	5.18864021	5.49675929
1.78066697	2.04765528	1.38754516	1.00E-04	1.00749353	0.49041951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.62754391	3.55452388	3.57550315	3.28168003	3.31688831	3.95043974
2.43346363	2.84572457	1.00E-04	2.36312201	3.26754417	3.18778328
3.9693002	4.18949983	2.93725184	3.93730499	3.78613816	4.10624716
3.18385812	3.51479328	3.20242187	3.3898433	2.78524817	3.45757722
1.26587867	1.46906678	2.08421616	2.15123076	2.24929698	1.82629407
1.00E-04	0.90571514	1.82818418	1.00E-04	0.36654776	0.5579205
4.74101391	4.55632175	4.8567838	4.88204957	4.74949382	4.70594378
1.0887203	1.00E-04	1.52319676	1.18926499	1.12420304	0.86651014

1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	1.00E-04
4.23373487	4.085632	1.78801416	2.60011601	3.4336585	3.47540444
2.6172912	2.69718	2.87200852	2.16062015	2.19896178	2.8620285
3.94474541	4.20523208	3.45083579	3.08746344	4.17578418	3.62379887
3.64450805	3.98796813	3.17339243	2.8723231	3.81157517	3.65642579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29560496
2.8422545	2.76608251	1.30986649	2.20628476	2.51146638	1.82163989
4.85909953	4.90889348	4.31839205	4.50044235	4.58136434	4.49701801
4.2028653	4.16423928	2.32781468	3.74012039	4.44318054	4.05582182
1.00E-04	0.71162396	1.00E-04	1.60805873	0.13427639	1.00E-04
3.96932814	3.87555294	4.7812156	4.83224845	4.87013978	4.973995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29810286	1.00E-04	2.45072762	1.77464561	1.60866906	2.47832637
4.52717525	4.30109657	2.63250343	2.7690614	3.90452319	3.25491348
2.75227637	2.56740889	1.00E-04	2.2683724	2.63106294	2.43428452
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15499183
1.79494127	1.15944682	1.00E-04	0.9405472	2.0631084	1.00E-04
0.78860226	1.00E-04	1.00E-04	1.00E-04	0.40109178	1.15664542
1.38893451	1.57674969	1.00E-04	1.00E-04	0.95134994	1.86539807
1.30169003	0.90765101	1.83013888	1.55573863	1.15563165	1.34217479
0.47462842	1.00E-04	1.75472403	0.95659782	0.82621682	0.14317243
0.87824963	1.00E-04	1.00E-04	0.91640475	0.47330183	1.01677652
3.01969748	3.34383552	3.08813073	2.64280027	2.99433243	3.56008178
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.48799612	2.76579651	1.00E-04	2.22166425	2.34707741	2.3344449
3.19948116	3.08886988	2.62576642	2.15186715	2.11627348	2.26552987
2.9594333	3.25655899	1.77763584	2.81589677	2.68794425	3.45333741
2.08396964	2.46829819	3.00208245	1.15644195	1.84954467	2.11306111
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14485168
1.83139361	0.98858052	2.62720663	1.01530859	1.2927649	1.90375246
3.79652248	3.79519833	1.57312553	2.74054453	3.65397412	3.53556329
3.5209152	3.49619419	2.26935102	3.1015727	3.09433446	3.27084713
0.7769067	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.61068067	1.00E-04	0.83505816	0.9218458	1.00E-04
4.98800645	4.95295514	4.1247441	4.35303547	4.92109219	4.86703393
0.69330522	0.66862807	1.28316224	0.49595628	0.96229961	0.38874354
0.09292159	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.47824735	3.37248825	2.1643146	2.08284551	3.23954345	3.46666077
1.82105378	2.08475414	1.00E-04	1.8732555	1.61622471	0.76159895
0.44112676	1.00E-04	1.00E-04	1.00E-04	0.36372495	0.47147347
2.87810486	2.7077103	2.81342743	2.16676508	2.5280999	2.61425091

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21074616	2.19786843	1.00E-04	1.00E-04	1.13379956	0.38032321
1.00E-04	0.48013639	1.00E-04	0.58468642	0.80295674	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.59680653	1.00E-04	1.00E-04
2.22095055	1.62180279	2.07518201	0.79835152	2.01138679	2.04268467
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.55669542	3.32848872	4.32788256	3.73963243	4.09135961	4.31327959
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68701705	1.00E-04
1.69040164	2.56121689	1.30789632	2.6354721	1.95647231	1.8740049
1.57849216	1.97207142	1.00E-04	1.77503351	1.26222272	2.07163472
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
2.11807617	1.0131841	1.00E-04	1.00E-04	0.29028813	0.43189376
2.67955974	2.35327658	3.17650302	2.2169765	2.28804983	2.55140504
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74269579
2.99765222	3.44147482	3.04511361	2.47917404	2.53638585	2.60938222
1.00E-04	1.00E-04	1.00E-04	0.6717016	1.00E-04	1.00E-04
2.10184667	2.18410016	1.00E-04	1.03594145	2.42235786	2.59627672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.23659422	1.00E-04	0.54938023	0.42455119	0.83353181
1.00E-04	1.00E-04	1.00E-04	0.55976379	0.49240339	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74484335	1.00E-04
1.38724065	1.42877215	1.00E-04	1.42270292	2.02858257	2.09003747
1.00E-04	1.1297042	1.00E-04	1.58727511	1.82867334	0.41953258
2.2313878	1.57025451	1.51203435	0.72274291	1.68082821	1.82427997
1.40488706	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86314901
1.27554042	0.92140246	1.82698984	0.56399031	0.61181666	1.04383795
1.00E-04	1.00E-04	2.06021781	1.03489463	1.37587415	0.82365382
0.82249238	1.21784453	1.00E-04	1.28065716	0.68786325	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.29016598	1.00E-04	1.00E-04
4.44558268	4.07356798	5.05621508	5.24096815	5.29285039	5.16345757
1.43267947	0.94012667	1.00E-04	0.6357689	1.00637181	1.3138087
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38078591	2.32158051	2.22219722	2.78331185	2.84644085	2.68918848
4.52514185	4.62118408	3.91676957	3.42396208	4.31528362	4.32629814
3.3850561	3.72979337	2.26969129	2.09048002	1.93226374	2.85741295
2.63072186	2.98490232	1.75318857	2.18837742	2.81216891	2.51659346
1.14328764	1.51955693	1.01811585	0.58110351	1.64187089	0.76876941
1.28628328	1.00E-04	1.00E-04	1.00E-04	0.16448447	0.32900361
3.8299841	3.29216107	3.16152526	3.55666766	3.69899487	3.40129128
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
2.67404753	2.35793564	1.00E-04	1.87987496	1.86332248	1.05663417
0.82204417	0.88563595	1.00E-04	1.54391244	0.67356485	0.9178873
0.4365896	0.5011611	1.74110187	1.64209631	0.86381948	1.73404157

0.4691966	2.06409096	1.00E-04	1.33751969	1.1417838	1.29359664
1.00E-04	1.00E-04	2.69230022	2.4828565	3.20753555	3.50898684
1.00E-04	1.17166668	1.00E-04	1.00E-04	0.59652403	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.19069697	1.34911458	1.00E-04	1.9002181	1.31451891	1.34380287
0.09292159	0.54329442	1.00E-04	0.20501279	0.23239377	0.93414677
1.00E-04	1.00E-04	1.00E-04	1.16688095	1.00E-04	1.00E-04
0.90646472	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.3565451
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
0.16178697	0.24251465	1.00E-04	0.65562728	0.39552504	1.18484092
1.11019254	1.86618769	1.00E-04	1.00E-04	0.35063257	0.96114101
4.13873764	3.97727265	3.04290586	3.32981711	4.52832079	4.45453863
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74289333	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2599061	2.22654615	2.37523392	2.17577461	1.78810664	1.6812336
1.13003214	1.99361281	1.28316224	0.50430847	1.3663705	1.28943671
1.00E-04	1.00E-04	1.00E-04	0.73936897	1.00E-04	1.00E-04
0.45044286	1.00E-04	1.00E-04	0.90627653	1.00E-04	0.9178873
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74764904	2.01659337	1.67979948	2.03955273	2.37174697	2.7596864
3.94758094	4.26614192	3.77908006	3.41450011	3.6092656	3.85929233
3.80910184	3.58281728	4.36773487	3.48603431	3.55312623	3.93878717
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88185673	0.57497591	2.00743688	1.31559459	1.00E-04	0.62343015
1.00E-04	0.99227468	1.01811585	0.60372301	2.26779878	1.13126094
1.00E-04	1.00E-04	1.00E-04	0.62896086	0.50204647	0.45121182
3.23144669	3.30715783	2.1345618	2.9582562	3.45450448	3.52223606
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42757985	1.00E-04
1.00E-04	0.24251465	1.00E-04	1.24137162	0.57979699	0.8743584
2.36414639	1.47891682	1.54304638	0.88293602	2.50538471	2.48447357
2.63892381	2.2550753	2.04595548	2.18352262	2.90016779	2.88553884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.41901965	3.29983747	2.43303394	2.93146692	3.48135488	3.6116403
1.42822878	1.93677327	2.00743688	1.07661386	1.12562429	1.82992455
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.05284869	2.89906796	3.16905712	2.70588252	2.24841779	2.73977296
0.76498088	1.21518956	1.00E-04	1.17431522	1.05075058	0.751181
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24097769	1.00E-04	1.30789632	1.769741	2.1530043	1.5503208
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25589185	0.960809	1.84272348	1.09592598	1.91599925	1.99782357
3.02177668	3.05648546	1.40283744	2.45894759	2.77945475	3.02281458

4.58160375	4.369341	4.05452284	4.40963417	3.78419368	4.32227132
3.56222658	3.74326555	3.00554546	3.34511186	3.53677005	3.5118739
0.97855865	1.91152218	1.00E-04	2.05015605	1.5910473	1.45753413
1.00E-04	0.68583034	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.91773984	3.07595046	2.46076249	3.34879885	3.11105293	2.87091836
3.87616558	3.61983322	1.60160529	3.16342069	3.94081054	3.99776412
3.11159068	2.89139888	2.10092533	2.83681163	3.30088935	2.92720157
1.35715661	0.53054394	1.00E-04	0.58468642	1.16908155	0.9713295
2.24178745	1.52393852	1.00E-04	1.39016075	2.01296348	1.96060839
0.64937513	0.93018533	2.81239203	1.07939476	1.19798691	0.63131533
1.33731909	2.48421247	2.33646255	2.41204766	2.22004302	2.07486663
4.46879491	4.64378022	3.60318111	3.54698751	4.53458119	4.54572394
1.24245202	0.69136595	1.00E-04	0.43961201	1.46393786	1.94995793
1.52232402	1.00E-04	1.00E-04	0.67384177	0.50776922	0.38874354
3.48954072	3.18879174	2.58573497	4.00181191	3.4475125	3.36287658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16448447	0.16236604
1.31839245	2.31489954	2.18505109	2.02855928	1.71772949	1.20834442
0.09292159	0.43600786	1.00E-04	1.00E-04	0.19191379	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07394709	3.54569154	2.00743688	2.76571466	3.10807739	3.68849858
4.5396369	4.78319469	4.50522695	4.60604173	4.44030464	4.54049273
2.5549722	2.69389659	1.30986649	0.87994527	2.19954933	2.46627411
0.77340534	0.46062364	1.01811585	1.00E-04	1.00928899	1.57820329
2.12368591	1.19231656	1.00E-04	0.79429561	0.52535711	1.15484528
0.50540032	1.51447958	1.00E-04	0.97271939	1.7010342	0.94049581
2.1847064	2.34879605	1.28609943	2.16648242	2.36553511	1.47076705
2.1984961	2.28948933	1.51203435	3.02513948	2.82708218	3.09487798
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13427639	1.00E-04
3.68802413	3.39340779	2.10071842	2.49280662	3.82896752	3.70860241
0.89983554	1.37430392	1.00E-04	1.75708844	1.83557308	1.69217749
3.58177707	3.82996675	2.7613536	2.83519374	3.45968698	3.88185349
0.85783963	1.00E-04	1.00E-04	1.23789257	0.45834436	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68780811	0.74336161
1.00E-04	1.57426251	1.00E-04	1.00E-04	0.71255687	1.00E-04
3.21583939	2.85559187	1.75472403	2.50996118	3.02374738	2.95291182
3.1114998	2.13172526	1.00E-04	2.44741108	3.52288339	3.3569715
0.69167046	0.57497591	3.10729075	2.34246246	2.28298644	2.86419958
2.5515995	2.21519455	2.0050073	1.66502062	1.75669718	2.54811834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60327704	0.92387651	1.00E-04	0.52738567	0.89354544	1.77002001
1.63949728	1.04770889	1.00E-04	0.53238302	0.15137331	1.12720039

0.16178697	1.00E-04	1.00E-04	0.81392237	0.2418645	0.2462289
0.37880357	1.22726968	1.54304638	2.31443132	1.93637985	1.25736229
2.14995924	1.54754734	4.1273969	4.7114642	4.27270514	4.65036161
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8339408	2.09101487	1.00E-04	1.22318895	1.74170907	1.86381931
0.49592013	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.53158635	3.39253913	2.94808967	2.76494471	3.5985526	3.69191467
3.37962159	3.46862042	3.60234723	3.32661735	3.68667314	3.99097083
2.73096715	2.77281341	1.28609943	2.16989095	2.77263578	2.29840752
3.22789878	3.28961887	2.93018056	2.65085351	3.11490464	2.7686939
0.92451883	1.13664931	1.00E-04	1.10147119	1.08039726	1.43644663
0.87755144	0.62394601	1.00E-04	1.00E-04	0.82414798	0.91943901
2.91214506	2.56414142	1.42763756	1.62310019	1.86265095	2.01183992
1.00E-04	0.63220067	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.8111912	3.15029437	1.00E-04	1.09048752	2.32670287	2.45582319
0.88633217	1.37018888	2.45317113	2.21351899	2.62435413	1.78052729
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50795511	2.10065918	1.00E-04	2.82623741	3.4932087	2.39978113
3.24654563	3.15347256	1.00E-04	3.55291437	4.50921545	4.33941927
3.89064806	3.687116	2.17599253	3.53054387	4.22357833	3.76157944
2.78365159	1.71098468	1.00E-04	2.6771017	3.44587397	3.28579266
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37624481	0.65947666	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33590535	1.15448226	1.30789632	1.00E-04	0.23269493	0.56131478
1.00E-04	0.48794717	1.00E-04	0.24834324	0.3883143	1.00E-04
1.48868763	1.00E-04	1.00E-04	1.36409512	0.75580123	0.50428197
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76865767	1.19266425	1.00E-04	1.05463262	1.56218336	1.00E-04
1.00E-04	1.06381005	1.00E-04	0.15557081	0.23239377	0.60812255
2.22512796	1.95143232	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63326453
1.00E-04	1.00E-04	1.00E-04	0.6391028	1.16018835	0.16565788
2.43390044	2.35144827	1.00E-04	2.72318803	3.01614499	2.658825
1.76375311	1.47101795	2.94552389	1.8449524	0.77025909	1.39116801
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.80144624	1.00E-04
3.48179743	3.74887851	2.91866981	3.40213122	3.48363821	3.9781423
3.08098971	3.06317669	2.66876761	2.60066968	2.93219149	3.41428182
2.11524618	2.46482716	2.65499812	2.40454188	2.2627598	2.41563881
0.66599344	1.4961143	2.31786783	1.04684448	2.11817067	1.88126141
4.67945992	4.42226717	4.60560142	5.28022773	5.28814504	5.11410791
1.31190949	1.66133099	1.00E-04	0.75725904	0.43298184	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93749317	1.04947162	1.00E-04	0.14912336	0.65062257	1.02855493
3.3648848	3.47673862	1.96638915	2.16476768	3.37005912	3.18187996
1.00E-04	1.00E-04	1.00E-04	1.10849752	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.71307202	1.00E-04	1.00E-04
2.89710235	3.16977388	2.3892568	2.24424273	2.84314449	2.53028871
0.33099482	1.00E-04	1.00E-04	1.35764732	0.57885604	1.00E-04
1.13111361	1.30962849	1.82698984	1.7822824	1.85884577	1.68681668
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35173619	3.56305374	3.40756629	2.93820008	3.33928576	3.20823893
2.4526536	2.62451908	1.96740946	2.54830027	2.6167356	3.47433707
4.22675953	4.04100715	3.72403524	4.57817346	4.25617039	4.41040359
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20006262	1.00E-04	1.00E-04	0.45991406	1.73461132	0.94225098
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.0264096	4.12932357	4.04781132	4.13858269	3.83946799	4.16675189
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.3985765
1.00E-04	0.65326668	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63097214	0.4887782	1.00E-04	0.81161137	1.00E-04	1.00E-04
1.5800891	1.29077585	1.52319676	2.08701861	1.20140285	1.51371816
1.5828504	1.81830784	2.12933866	2.32377446	2.52197367	2.62578891
0.80221069	0.92075871	1.00E-04	0.84653972	0.54857924	1.00E-04
1.03507016	1.00E-04	1.00E-04	1.00E-04	0.33004234	0.12854881
3.07931184	2.8736694	2.89466646	2.38405787	2.1997139	2.45287419
0.99359366	1.4729172	1.00E-04	1.00E-04	0.76119895	1.00E-04
1.00E-04	0.99745695	1.00E-04	1.00E-04	1.00E-04	1.16037737
2.74513017	2.49560092	2.42839202	2.41814492	2.6759988	2.33849807
0.5798625	1.00E-04	1.00E-04	0.71277089	1.00E-04	0.27250157
0.8682204	0.69136595	1.00E-04	1.00E-04	0.13235227	1.00E-04
0.19948536	1.00E-04	1.00E-04	0.61457452	1.44057618	0.6762819
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.54080566	0.63389895	0.53879237	1.6455243
0.80118299	0.75174116	1.00E-04	0.14912336	1.14203548	0.81829141
2.53659134	1.82001896	3.57798317	4.30337074	4.46931117	4.35817313
1.00E-04	1.47591663	1.28609943	1.00E-04	0.18945863	1.00E-04
1.00E-04	1.0067139	2.10092533	0.50430847	0.22206006	1.00E-04
3.50830627	3.34649591	1.74110187	2.75634151	1.63861103	2.64072025
0.7339697	0.89451126	1.01811585	1.12954967	1.76006556	1.34642294
2.16523488	2.30972771	1.00E-04	1.84486863	2.1209716	2.2244831
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.2788676	1.00E-04	1.00E-04
4.65175888	4.91528927	4.14860543	4.43869949	4.84861451	4.77508213
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36372495	1.00E-04

1.57683835	2.40179405	1.30986649	1.88323811	2.86393223	1.68882384
1.00E-04	1.23659422	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50544139	0.75174116	1.00E-04	2.03625816	1.43380396	1.09977711
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65593614	1.00E-04	1.00E-04	1.76069804	1.15724779	1.00E-04
2.42086081	3.19185425	2.08421616	1.95427122	2.39371695	2.44064636
1.00E-04	1.00E-04	2.08421616	2.51822086	2.55693833	2.9706711
2.75576318	2.02474958	1.00E-04	2.34531257	2.06974768	2.93047888
1.00E-04	0.24251465	1.00E-04	1.08889817	2.00743559	2.81696547
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.14927284	1.00E-04	1.3162363	0.11783267	0.93127485
1.3045795	1.73616923	1.91177822	1.11260695	1.25940177	1.65665268
2.73415203	3.14555257	2.55220622	2.15602213	2.81298913	3.0189364
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88343097	2.1971622	1.00E-04	1.00E-04	1.40632097	1.99884205
1.9520742	3.1851274	2.63105575	2.43899925	2.85043935	2.84596955
1.90365135	2.04425481	1.30789632	1.68565062	1.96288079	1.94039482
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.54218519	4.52402277	4.88394516	4.9065544	4.87359199	4.93584276
3.46615549	3.5443901	3.28908308	2.9868117	3.62899456	3.71321627
0.30980585	1.39168843	1.00E-04	1.75665132	0.70740743	1.36055083
0.62657266	1.00E-04	1.00E-04	0.25428292	1.01580695	0.97323089
2.87183022	2.39001901	1.49210505	2.92324212	3.50721317	3.44531091
0.15907666	1.00E-04	1.00E-04	1.00E-04	0.33848153	0.15671146
1.08050427	0.62690381	1.00E-04	1.00E-04	1.00E-04	0.59055059
1.00E-04	0.34385176	1.00E-04	0.80306694	0.10440683	1.00E-04
3.40207172	3.805415	2.84618901	2.94118587	2.9498088	3.28515375
4.6765652	4.82996916	3.23002963	3.6307844	4.85003192	4.54421157
3.61390156	3.42732028	3.45502022	3.81354353	3.37633041	3.45327031
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.38214426	0.91266081	1.00E-04	1.1346744	2.26066951	1.8624231
2.20954214	2.10607662	1.30789632	1.75987328	1.5331857	1.89453114
1.12984807	0.46062364	1.00E-04	0.56487062	0.26331377	1.00E-04
1.8402016	2.48799927	3.49415705	3.76264721	4.90737129	4.856352
1.79174248	1.94889631	1.00E-04	1.00E-04	1.00E-04	0.56131478
1.75393538	0.54115817	3.04290215	2.01777907	1.95073259	2.02257382
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.17797913	3.03182962	3.90296575	3.05047521	2.85504455	2.69467322
3.49578214	3.44783938	3.13158726	2.43242642	2.85495261	3.62153534
3.25295157	3.4265208	2.48185067	2.83650668	2.98549879	3.09239156
2.01462233	2.1468827	1.01811585	2.18508397	2.62324683	2.76923025

2.33576319	2.22896406	1.00E-04	1.93335794	2.2715095	3.13936873
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.6314521	0.30913278
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.27996271	2.67865922	1.11678218	1.00342958
2.38136085	2.24295831	1.00E-04	0.58849759	0.36372495	1.7388137
2.15750852	2.36180917	2.67449617	2.74552727	2.83404691	2.5606683
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57386808	1.00E-04
4.58395142	4.38006434	3.69824391	4.87310263	4.5788966	4.00113963
2.38304219	1.90562988	1.00E-04	0.89604608	1.85491966	1.62113312
2.41759584	3.47440398	1.38754516	2.44322861	2.16586968	2.93431725
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.06289325	2.83852276	2.60205221	1.6787887	3.03733515	2.57063235
0.61533666	1.52319617	1.52319676	1.06285538	1.0739569	1.00E-04
2.38997194	3.10400778	1.00E-04	2.34048619	2.58611678	3.24176331
1.00E-04	1.00E-04	1.00E-04	1.08889817	0.8303389	1.46194093
1.00E-04	1.00E-04	1.00E-04	1.33161607	0.22725774	0.59337248
2.77664122	2.76205829	2.00743688	1.44845161	1.49129162	2.11262888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.26161339	2.0808302	2.90928695	1.67206127	1.95785569	2.91124918
2.95297918	3.30395182	3.80435786	3.13581482	3.18949511	3.59019887
3.18562604	3.24882336	1.92743152	2.55789338	3.40750713	3.36146431
3.88071096	3.96067487	3.21246491	3.96157105	4.1320955	3.87853975
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54937466	1.00E-04
3.33175124	3.65620668	1.54304638	1.21589993	3.37898953	2.75073608
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06504304	0.64496235	1.00E-04	1.44954275	1.52813322	1.27203947
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.46859374	1.00E-04	1.24754843	0.15137331	0.61402199
1.66092007	1.81478132	1.06844428	1.23310408	1.35378432	1.8070132
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91165061
1.00E-04	0.21289605	1.06844428	0.60692892	1.06025469	0.6188119
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.00E-04
2.76144918	2.43668633	3.32576354	2.46547516	2.70597379	2.91022373
2.36517463	2.77143612	1.42763756	1.94479962	2.27430045	2.67549491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36890356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32608229	1.00E-04	1.00E-04	1.0380396	0.51105353	1.00E-04
1.76087288	1.27811099	1.96740946	1.57859587	1.22906562	1.12535624
0.9861902	0.36710226	1.00E-04	2.11196464	2.05625286	0.74666319
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00424316	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.96009898	4.30894609	3.65793471	3.06963465	4.01785982	4.04863175

1.00E-04	0.67399315	1.00E-04	1.456968	0.61124188	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.88563595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	0.48971388
3.18732498	3.18937972	2.73698086	2.37464551	2.97146634	3.0078731
1.59850837	1.39321341	1.00E-04	1.00E-04	0.82727624	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.27768063	1.00E-04	1.00E-04
3.18690877	3.51534505	4.20156098	4.10743325	3.98327426	3.73988943
0.98734937	0.82643404	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71720198	0.58160361	1.00E-04	1.00E-04	0.51809791	1.16153411
1.62615618	0.99246489	1.84117224	1.00E-04	1.19995351	1.01474497
1.00E-04	0.3708313	1.00E-04	1.00E-04	0.53523723	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.25428292	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37484237	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93039263	1.86996743	1.00E-04	1.06751393	0.86214667	1.0583659
3.24722845	3.52013201	1.49210505	2.40376294	2.31156275	2.09948357
3.63462891	4.33517442	3.39084772	1.00E-04	1.00E-04	0.30913278
1.00E-04	1.00E-04	2.97036276	1.22156311	0.45881046	1.33753884
1.49632723	0.5011611	1.00E-04	0.77721523	0.33647818	1.00E-04
2.64785296	1.31396388	1.57312553	1.35005472	2.60982504	3.12625015
3.99432755	3.85871268	3.22245246	3.88277157	3.6363362	3.68946522
5.83851879	5.70718111	5.84917415	5.94240446	5.79438433	5.84910719
2.57020111	2.39187062	3.51559113	2.51800026	2.71422802	3.22789526
1.00E-04	1.00E-04	1.00E-04	1.71102192	0.38224435	0.13038568
4.2319429	4.42804423	4.26009302	4.00552888	4.31648211	4.53038137
3.2121103	2.93933318	1.42763756	2.58497966	3.28689603	3.06929565
0.77652486	1.95500043	1.00E-04	2.01313897	0.96219045	1.7613047
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.69686253	1.05427478	1.28316224	2.22767993	2.86801128	3.04239493
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.33281362	3.24107413	1.00E-04	2.86919768	2.95752578	2.24611281
0.80288955	0.5449975	2.97694238	1.61633199	1.78473083	3.10585918
1.61978657	1.32221328	1.00E-04	1.80608943	0.50337509	0.28509766
2.88833592	3.22872192	1.8415676	3.11378557	3.36245764	3.42176031
2.87494384	3.46008929	1.00E-04	1.80913131	1.46298944	3.50181365
1.0978949	2.28246313	1.00E-04	1.40336924	1.45910804	1.23287051
1.84113544	2.38863403	3.30768612	4.06653548	3.02753695	3.42156557
1.00E-04	1.00E-04	2.1943037	2.45227813	2.84230549	3.08170567

1.43219927	1.34142573	1.00E-04	2.95385287	3.36869724	3.30024963
0.1163586	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.71017745	1.76494151	1.66396735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.92154516
1.00E-04	1.00E-04	1.00E-04	1.19992062	1.00E-04	1.00E-04
1.47246043	0.56312682	1.00E-04	1.66783243	2.13472151	2.26055495
1.1945422	1.73160198	1.00E-04	2.37949914	1.83838011	2.40464834
0.82776544	0.58995952	1.00E-04	1.03008797	1.33224532	1.72520475
1.43819443	0.46330539	1.42763756	0.8271125	0.88072962	0.92154516
1.00E-04	0.65837836	1.00E-04	1.00E-04	0.98960137	2.08458782
1.59128442	1.61571178	1.00E-04	1.12627145	0.69505221	1.6619455
3.78511433	3.72128586	3.22955679	5.07062975	5.02440008	5.12426131
1.00E-04	0.3708313	1.00E-04	1.00E-04	0.35400979	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24009666	0.55266338
1.00E-04	1.00E-04	1.28316224	0.57558823	1.00E-04	1.36246955
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23239377	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02050576	0.49041951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04505173	2.37374023	1.00E-04	1.56768749	1.14833506	1.58143767
4.25170463	4.16904336	4.01136109	4.19549858	4.06287005	4.19549752
4.80697914	4.46257024	3.42630355	4.00986708	4.45858314	4.14110816
1.62866923	2.91235085	2.7681659	1.95591466	2.64820634	2.66448616
0.69775854	1.00E-04	3.10795141	3.05761576	2.38625535	2.09097504
0.24405756	1.34771405	1.00E-04	1.3722652	1.0290846	0.94621569
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88289216
1.00E-04	0.87934098	1.00E-04	0.96151752	0.67182388	0.55480459
1.98544454	1.54897334	3.81432107	3.56640606	1.74937583	3.0801772
1.00E-04	0.9490528	2.54080566	0.15557081	0.86243985	0.49051766
1.54030112	1.522337	1.00E-04	1.02597414	0.72604583	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77918287
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.10149353	2.83682941	2.89205093	2.1628568	2.95050625	2.49692565
4.37995087	4.29367969	4.53079848	4.70464592	4.67822346	4.73406619
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69428336	1.75641086	1.00E-04	1.47723988	0.78962308	1.293074
0.93115749	1.00E-04	2.16483827	0.84128984	1.17034825	0.42705349
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12413672	1.00E-04
3.27945169	3.0059765	1.99016435	1.81899671	2.74974023	2.72582061
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77917578	1.53790792	1.00E-04	0.14912336	2.53062137	0.74704602

6.61180669	6.79363389	5.71550089	5.45079487	6.09207227	6.13518358
5.33118353	5.08201583	4.75090873	4.55456046	5.32251228	5.26422417
3.20012042	3.46708329	3.21954624	3.40197785	3.98512477	4.08997172
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25699994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02318516	1.22498565	1.00E-04	0.75914299	1.96245585	1.07124732
0.92349562	1.00E-04	1.00E-04	1.44710568	0.45995863	0.24433588
4.82635161	4.73178409	4.25976094	4.56187518	5.24586499	4.8411987
1.00E-04	0.64234672	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.1197972	3.99727907	3.34703094	3.4331923	3.4498952	3.60027596
2.9535033	2.23496399	1.00E-04	0.25428292	0.36639306	0.28915361
2.20296746	2.19885412	1.00E-04	1.80066483	2.04920112	1.78423536
5.94295167	5.94539204	7.57678749	7.73450453	7.60049496	7.68215707
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90348088	0.59074735	1.27996271	2.33482822	2.36200677	2.12719816
5.85886347	5.67558355	5.23644536	5.33775828	5.07033026	5.03217661
4.25395736	3.94296815	3.79802958	3.80435596	4.51505829	4.92274137
0.94114725	0.78390163	1.00E-04	1.17583927	1.00E-04	1.00E-04
6.94979022	6.62387801	3.06430401	3.39148081	3.42850452	3.35832935
2.10545147	2.05092107	2.72779341	3.14220493	3.24158577	3.31733431
2.80006118	3.22708421	4.37309812	3.83983402	4.03116741	4.13143829
5.45413	5.40656312	5.06840806	5.59481076	5.54525369	5.34927614
1.00E-04	1.00E-04	1.00E-04	0.25428292	1.00E-04	1.00E-04
4.39435616	4.27321157	3.48606281	3.6009865	4.30159032	4.35098731
4.26859234	3.21296901	2.95586024	2.44558342	4.62313934	4.1848928
3.73887944	4.0243394	3.52482597	3.68697649	4.03137409	3.88163891
3.05217857	3.17151952	4.66374655	4.787031	4.4949578	4.48267139
1.16469224	1.00E-04	1.00E-04	1.00E-04	0.4783264	1.00E-04
4.48881321	4.47424066	4.37483967	4.52704529	4.10478884	4.29045068
2.93251328	2.8849803	3.91128603	2.85462994	3.85956542	3.72291744
4.47403389	4.66261252	3.515312	4.15782448	4.37805501	4.58442998
1.00E-04	1.00E-04	1.91181319	1.00E-04	1.00E-04	0.38032321
2.57612015	2.59856394	1.99302242	1.60701515	2.27457015	1.47817763
4.58430243	4.43674359	4.31285857	4.70563921	4.79005696	4.7332231
4.80020553	5.11193003	5.02801658	4.87931446	5.32887364	5.50014447
0.6853338	0.39496032	1.00E-04	0.55976379	1.00E-04	1.0310369
4.82744358	4.81570747	5.24971512	5.00811911	5.73330117	5.80118134
3.77468942	3.80399226	4.01996881	3.77696597	4.34572583	4.46723549
3.12910436	3.43598233	3.10052712	3.09363284	3.39041203	2.95165218
0.09292159	1.56899161	1.00E-04	1.00E-04	0.57527889	0.56452522
2.70387347	2.86169371	2.52610043	3.14225241	3.54373065	3.20624414

1.00E-04	1.00E-04	1.00E-04	0.59363436	0.83218292	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.94012709	2.74966674	3.51457875	2.4913331	2.87565687	2.96294691
4.25697289	4.33602579	4.74791486	4.95863211	4.81632536	5.09860591
2.07643246	2.3311025	2.90175407	3.38560878	2.83681366	2.66975883
0.79341826	1.45671092	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.38953617	4.45138787	3.98537446	3.97501956	3.97944848	4.73177989
0.44413777	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.11931947	3.86751056	4.14015448	3.52074016	4.35384174	4.19040891
1.00E-04	0.88624907	1.00E-04	1.12290246	0.7358779	1.75479676
4.24071587	4.34158866	4.3255593	4.21508002	4.08085158	4.40319493
3.28706599	3.36324378	3.41570908	3.32739278	3.28556398	3.83921909
3.00378527	2.78685246	2.16485871	3.36756637	2.93616214	2.71776391
1.00E-04	1.40794689	2.17487017	2.41992986	1.96753776	3.40122271
0.71706674	1.27643452	1.00E-04	1.15441757	1.17029903	0.70400943
5.33481016	5.40274728	4.32639945	4.76976092	4.85130786	5.06200797
5.07450451	4.91639703	4.83285736	5.04510147	5.11825988	5.2239075
5.06055796	5.1069418	5.24257502	5.43417002	5.61851855	5.55830494
0.69016855	1.13719685	1.00E-04	1.00E-04	0.74773056	1.00E-04
5.34552273	5.25597213	2.26969129	1.67106965	3.13052151	2.73101328
1.18172563	1.29334453	1.00E-04	1.94021771	1.00E-04	1.00E-04
4.01447166	3.77386806	1.11518827	2.38529257	3.67601817	3.68880895
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.95952864	4.23216027	3.21923606	3.54256115	3.6992379	3.91273126
1.77795838	1.06877004	2.39674926	2.80474508	2.46646379	3.11789515
0.27622926	1.00E-04	2.76987901	1.25031951	2.61464062	2.02084444
2.93266633	3.36113555	3.22297505	3.18229026	3.14125495	2.87994865
4.16775418	4.18869962	3.48737188	3.25687015	3.71443479	4.00930182
2.81522269	3.0913837	2.99769008	2.67121771	3.22860045	2.9216622
5.04640563	5.0443867	3.36564554	4.31790893	4.02502631	4.6113628
2.37250136	2.83387637	1.00E-04	2.05979359	2.03446577	1.17867106
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.55624534	3.75468443	3.17143879	2.76472553	3.21811964	3.82575384
0.77467472	0.83969209	1.00E-04	0.14912336	0.34078751	0.91346112
4.01078926	4.2818871	3.92655556	4.04785613	4.16228716	4.44470683
3.85027561	3.66008218	2.91608124	3.74721331	3.40317454	3.37653367
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.51439806	2.06891497	3.45338268	3.2820586	3.05009673	2.97004514
4.0466789	4.17320593	3.30135878	3.7703653	3.71049209	3.97074318
5.48680332	5.42630347	4.58448188	4.99703946	4.73543442	5.00457075
3.86787464	3.52031265	4.46579932	3.24332641	3.15622951	3.77611572
5.64474522	5.42909819	5.30072347	5.35017316	4.95297984	5.14722319

0.68166237	1.00E-04	1.00E-04	0.61001117	1.00E-04	1.24793459
0.35811479	0.5011611	1.00E-04	0.34813435	0.63738487	0.12854881
3.04317995	3.31981897	4.02151356	4.17150337	3.41286099	3.92725279
4.25989229	4.44894598	2.46185598	2.28001097	3.06699941	3.18866629
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.78312741	1.94693901	1.00E-04	1.45105408	1.64320581	1.87966624
3.94827989	3.49452572	1.49210505	2.44431575	2.88174211	2.77699226
3.30690729	3.27232	2.45161688	3.05298472	3.16978811	3.20856889
1.91536084	1.84006242	1.00E-04	2.33402145	2.54803803	2.4098774
3.27250795	3.56385816	3.64833914	3.54862762	4.0690739	4.33042655
3.03117753	3.05933832	2.74252016	3.23770851	3.1737586	3.36696561
4.32089759	4.35857058	2.4146555	3.6450295	3.34366504	3.24585356
3.7155936	4.05912653	3.52187799	3.60924149	3.44459136	3.82684278
2.85895273	3.54817453	1.74894376	2.44514622	3.03021579	3.40813668
1.00E-04	0.8876832	1.00E-04	1.00E-04	0.32943408	1.00E-04
0.09292159	1.00E-04	1.00E-04	1.00E-04	0.45834436	1.00E-04
1.00E-04	0.52360732	1.00E-04	0.90373647	1.00E-04	1.00E-04
3.004033	3.27282612	2.36989142	3.04265972	2.96596508	3.46848299
5.49219652	5.55269478	5.58558135	6.18848714	5.82110592	5.95720079
1.50696569	1.45444755	1.98685244	1.1004074	1.2377702	1.91566709
1.798577	2.02402687	1.00E-04	1.1233493	0.88191609	0.90781377
1.75065538	2.58238397	2.37984885	2.2628581	2.1462475	1.09995331
4.20438944	4.14100806	2.52511793	3.59707356	3.8604206	3.59123165
2.2564274	1.32652679	1.52319676	1.81902853	1.81370194	2.66534318
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71698257	1.27516856	1.00E-04	1.97221451	2.16537804	2.10047963
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.04282307	1.00E-04
1.2940253	2.63088955	1.00E-04	1.00E-04	1.00E-04	0.58490979
0.1163586	0.34385176	1.00E-04	0.89825503	1.00E-04	1.00E-04
2.04779371	2.15229933	3.05677704	2.53671478	3.47238036	3.60518361
1.82276734	1.97550246	3.59711047	1.59122882	2.69051094	2.73266202
1.49961946	1.00E-04	1.00E-04	1.00E-04	0.96980601	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69167046	1.00E-04	6.3244338	6.37324029	6.40089974	6.52683808
1.00E-04	0.56456051	4.90800785	4.6081084	4.49067479	4.287621
0.22057811	1.00E-04	1.30986649	1.80971883	1.94452656	1.70912005
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56194312	0.8007554
4.6054754	4.3902064	5.01673859	4.64948909	5.02283429	5.00514458
1.00E-04	1.4995594	5.22808128	4.65302102	4.90671925	5.09467758
4.70514866	4.9177142	5.15728651	5.16719325	5.32722494	5.35957377
4.94047345	4.75301176	4.32193157	4.441338	4.27547695	4.80176816

6.77622671	6.37496221	5.24880958	5.40870521	5.27350487	5.28418179
0.64435322	0.3972097	1.00E-04	0.63389895	1.00E-04	1.00E-04
1.58646167	1.00E-04	2.08359672	1.73097574	1.20448853	1.29417595
3.2406552	3.58930421	3.77491874	2.90054054	3.02895961	3.27970322
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.35054077	1.00E-04
0.86570215	0.24251465	1.00E-04	1.00E-04	0.95471182	0.14317243
1.00E-04	1.45005162	1.00E-04	0.5730619	0.59753561	0.40709304
3.25704699	3.22346934	3.30256385	3.22276273	3.60841263	3.36097161
1.57706643	1.15419121	1.00E-04	1.57775688	1.1764765	0.97963202
3.80209793	3.76270964	3.50991527	3.54850655	3.83349389	3.59518057
3.85635454	4.17272213	3.7555152	3.58680009	4.21444826	3.48074058
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.61226778	4.63320988	4.37062225	4.10772064	4.55679289	4.66610572
4.02690962	3.79695626	2.72229539	2.48037943	3.55740898	3.45968951
3.11511807	3.23834035	2.84080544	3.25163316	3.49254183	3.61081516
3.67655141	3.37613859	3.8642519	3.72164178	3.50737219	3.92947001
3.10185725	3.18513799	2.79709358	2.8808575	2.70665469	3.02683648
1.44741969	1.20790731	1.00E-04	1.00E-04	0.92484853	1.49248591
1.71289136	1.25330686	1.96479434	1.4745824	2.40008202	2.08162212
1.00E-04	1.2284965	1.00E-04	1.09622574	1.59565429	0.14485168
2.4064023	2.27848051	2.48138591	2.43128008	2.94624204	2.64851196
3.49555967	3.60004511	2.54754555	2.9185701	3.49794215	3.75874084
2.8903991	2.6057153	1.7100959	2.19988629	2.38219982	2.89717588
4.28989361	3.92960631	2.88714775	2.13688329	2.49210582	2.94305732
4.46446585	4.53461693	4.51421703	4.79228953	4.68134595	4.81772806
2.82473438	2.90044681	2.51703957	2.88933248	2.80668823	3.08393605
1.00E-04	1.23659422	1.00E-04	1.00E-04	1.00E-04	0.50586972
1.91782115	1.06107617	1.01811585	0.41438246	2.10808725	2.20485405
0.55896898	0.92769294	1.00E-04	0.54842099	1.13748475	1.00E-04
1.37028029	1.00E-04	1.00E-04	0.47606859	0.86564333	1.24606076
1.00E-04	1.00E-04	1.42763756	1.00E-04	0.3548392	1.00E-04
0.44087771	1.00E-04	1.00E-04	0.96374523	0.94456976	0.97171621
4.07505404	4.26727052	2.24795392	2.46588206	3.61378565	3.81987778
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07223936	3.10350345	3.04666065	3.39390667	3.81207038	3.851454
0.45216556	1.00E-04	2.03123029	1.96841166	2.14413324	2.21258931
1.00E-04	1.520984	1.00E-04	1.08088125	1.17022747	1.00E-04
3.36086865	3.39079434	2.0800992	2.5425811	3.55963188	3.19744543
1.00E-04	1.00E-04	1.00E-04	0.39596165	1.00E-04	0.53054394
2.93534187	3.21438909	3.00623099	2.48581151	2.7938442	2.38515266
4.88916544	4.59724908	4.45865848	4.31954277	4.59351526	4.53926882
1.15806121	1.76297793	1.00E-04	0.75133275	0.92824626	1.86951358

1.00E-04	1.40405062	1.00E-04	1.13380325	0.87621223	1.20108933
2.43315098	2.80346414	2.71503697	2.14587212	2.01541847	2.31451939
2.63779139	2.9302265	2.56117048	2.05495529	2.8404376	2.29021071
2.93380711	2.75405718	1.83013888	3.4883476	3.55721938	4.04025548
3.33232261	2.14884948	2.44101867	2.271676	2.38931398	2.52355695
0.86577014	2.73545115	1.28609943	1.85708147	2.32444069	2.42111851
1.00E-04	1.00E-04	1.00E-04	2.08360566	1.69357615	1.65555336
2.90830753	3.39915825	3.000315	2.93263886	3.34581099	3.53986122
2.33499047	2.99870779	1.98585178	2.15292977	3.01673539	3.31153601
0.72087393	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.38122414	3.00411951	2.34671907	2.15483189	2.74711698	3.0896363
2.17662211	2.77088833	2.98254797	3.88157491	3.46946197	3.38885151
2.45211922	2.54755521	2.12274837	3.11776613	2.99499442	3.54003592
1.00E-04	0.932418	4.07311504	4.54657163	4.43589823	4.65569067
0.9209661	0.40836194	1.00E-04	1.17386419	1.53049115	0.31227169
3.32189824	2.74131235	2.93144939	3.46437284	2.45045744	2.35404297
1.00E-04	0.53731025	1.00E-04	1.65422327	1.00E-04	0.44642408
0.26160122	0.57077907	1.00E-04	0.24834324	0.76225495	0.28180951
1.00E-04	0.44747489	1.00E-04	1.03480729	0.55296344	1.21088702
1.39252559	0.62394601	1.30789632	1.82157287	1.74485671	1.57234653
2.22912387	0.59374324	1.00E-04	1.40489535	2.33339186	1.85174074
1.11634266	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24597208
1.85696209	1.53717718	1.00E-04	1.21279565	1.17471608	0.96195434
1.57221229	1.85394255	1.00E-04	1.25862592	0.8013634	1.1446686
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.97791615	1.00E-04
1.64195249	1.82459207	1.54304638	1.69420694	1.97374474	2.18691465
0.63402236	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.00E-04
1.39755077	0.90153446	3.56444109	2.21820662	3.1479467	2.66651439
0.70185963	0.9989809	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58443014	1.00E-04	1.00E-04	0.25428292	0.91687954	0.47982332
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.84589198	3.20410084	1.00E-04	2.09548782	2.45006394	2.34684419
1.51821445	1.46269341	3.01875685	1.84820156	2.13877904	1.99519495
0.45216556	1.00E-04	1.00E-04	0.87087196	0.26654268	1.00E-04
0.92969509	0.94546538	1.00E-04	1.00E-04	1.38589959	1.44094136
0.09292159	0.4887782	1.00E-04	1.6602541	0.79906318	1.00E-04
2.57233567	2.70997494	1.00E-04	1.11173248	0.81623879	1.33628852
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.54681932	2.89270381	2.21741795	2.48874731	2.96505189	2.56221953
3.36962892	3.23508952	3.77828426	3.05958577	3.15244137	3.13371399
0.15907666	0.87634654	1.00E-04	0.37697046	0.49240339	0.36000776
0.58443014	0.6641313	1.00E-04	1.00E-04	0.54864251	0.31991822
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.57112761	2.81310043	2.67449617	2.78206101	1.67951051	1.48134858
1.30780928	1.31737787	1.00E-04	1.07546685	1.44570275	1.57983563
1.77277918	2.11123524	1.00E-04	1.81166096	1.52538319	0.83430198
0.29610852	0.43785363	1.00E-04	1.00E-04	1.00E-04	1.16037737
1.00E-04	1.08891433	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.26890922	4.09329176	4.20196596	3.86013423	3.50639538	3.5283019
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88163097	1.82358282	3.2916921	2.0290985	2.5066078	2.39940685
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40109178	1.00E-04
1.90870916	1.46065494	1.00E-04	2.4676154	1.7277922	1.9869994
1.00E-04	1.33419983	1.00E-04	0.45991406	1.53733402	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.038029	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2457152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73892922	1.56525418	2.00840892	1.85851462	2.52038049	2.46276967
0.58443014	0.56456051	1.00E-04	1.00E-04	1.29003357	1.00E-04
3.47273442	3.61901668	3.43379718	2.11219915	3.43687407	3.20177217
0.92349562	0.79058761	1.00E-04	0.4266763	0.9027859	0.76605712
3.27891877	3.18648062	1.46133917	1.93215886	1.96532542	2.65316896
1.30385145	1.99677317	2.36084577	2.40366848	3.11510186	3.0355757
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55626958
1.743424	0.71660428	2.86762144	2.78656156	3.3629368	3.02517218
2.76008439	2.9376704	1.84960269	1.6983409	2.5484793	2.45008622
0.73667733	0.9989809	1.00E-04	1.00E-04	0.8850415	1.00E-04
1.9455517	1.92856125	1.60160529	2.17702042	2.97489818	3.05760558
2.05342401	1.18796424	1.69861292	1.51788085	2.687954	2.66447357
0.66598136	1.5685	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.78857863	2.3875999	1.74110187	2.5763984	2.01928483	1.44907552
1.5510791	1.50949235	1.00E-04	1.53154278	0.798946	0.87096462
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67961724	0.12854881
2.87963059	3.07756572	2.96211171	2.72013518	2.53865038	2.44759908
3.38461822	3.79057326	3.49938515	3.69933226	3.47761364	3.49379617
4.61884039	4.67365931	2.46226394	3.17873439	2.82268558	3.6303484
1.10197106	1.45294992	1.00E-04	0.7874563	1.84536009	1.86699252
3.33608909	3.34277495	1.82687244	2.659957	3.4109296	3.20720265
3.19709496	3.15911127	3.15396353	2.97787773	3.53092257	3.48512603
2.67041265	2.07828711	1.74110187	1.35146239	1.97710569	2.28255744
3.49615593	3.99389265	3.69081164	3.6531404	3.63125417	3.81723563
4.60989746	4.11973677	5.13965457	5.62448542	4.68849999	5.11919479
1.00E-04	1.00E-04	1.00E-04	1.71090475	1.29689079	0.97825415

1.38403685	1.48326618	2.0050073	1.07883149	1.19847126	0.77918287
0.84179526	0.92694503	1.75318857	1.06143	1.63930518	1.97596487
1.00E-04	0.64993987	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64095751	0.41929553	1.00E-04	1.00E-04	0.83642358	0.14317243
4.55396978	4.49690916	4.14242217	4.34878098	4.33229978	4.64991759
1.00E-04	0.57965788	1.11518827	2.44641567	2.57164812	2.5382049
5.0064046	5.0587118	4.2340424	3.78596299	4.28883124	4.07796191
3.45735827	3.59797631	2.52453391	3.57087675	3.74242179	3.76211371
1.00E-04	0.69674853	1.00E-04	1.31947117	1.3885177	0.714327
0.66004241	1.7756126	1.42763756	1.70527492	1.99494742	1.94597348
1.72135843	2.46631092	1.57238317	2.5426934	2.46577469	2.6144567
1.28684072	1.74621825	2.49340262	1.07004232	0.67308737	0.69035432
2.53116248	2.79285847	2.40249917	3.2818594	2.7755465	2.8420262
1.23851599	1.00E-04	1.00E-04	0.91182908	1.03109134	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28630993	1.00E-04	1.00E-04	2.03489003	0.90385326	0.57696471
1.70507853	0.63240236	1.00E-04	1.00E-04	1.61464622	1.53165365
4.61664204	4.62399213	4.4411326	4.1512246	3.93919429	4.38892799
1.96088919	1.87769068	1.6068095	1.45988771	1.65756376	1.12261657
3.55339564	3.05911932	3.77636066	3.50451312	3.67161804	3.55986763
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.17132893	4.25080278	2.52330742	2.6580538	4.05156339	3.96434574
1.431322	1.00E-04	1.00E-04	1.0172657	1.00E-04	1.00E-04
0.34600017	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.35051159	4.36613171	6.29185825	6.44930859	6.19171586	6.46074366
3.32234956	3.46517277	3.29826023	3.56720542	3.58239678	3.66987636
5.90102983	5.6085513	4.01419617	3.69253317	3.75988322	3.60383682
2.50389475	1.00E-04	3.17378871	3.17539883	1.98847473	2.35845867
3.50042799	3.41334497	3.67841261	3.46187555	3.88041288	3.41945787
3.8305142	3.96315941	3.51879302	3.29952052	3.70053023	3.6997163
5.89721774	5.78292576	5.38333188	5.42381922	5.09860099	5.32062113
2.21308734	2.63063478	4.6857889	4.58671223	4.82829135	5.09925782
1.00E-04	0.57217101	1.00E-04	1.02157415	0.1324183	1.00E-04
3.88317586	3.70071619	4.81041337	3.91507842	4.26389501	4.36366261
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3883143	1.01593807
4.19262307	4.0375847	3.11021621	2.77530429	3.73954239	3.86050245
1.89422244	1.22143464	1.11518827	1.88546707	2.37787136	3.28904868
0.9323496	1.37735653	1.00E-04	0.7111826	0.68368429	0.54828133
1.653017	1.59509239	1.06844428	2.00714552	1.82901206	1.96120238
1.00E-04	1.00E-04	1.30789632	1.00E-04	1.00E-04	0.53800788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.76119895	1.00E-04
3.7827417	2.73675272	3.25961879	1.80440015	4.16254907	3.61373371
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.52991195	1.00E-04	1.00E-04	0.95757605	1.00E-04
3.92501432	2.74143434	1.00E-04	2.77158298	4.3534859	3.66226586
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
0.96735261	0.9602151	1.00E-04	1.00E-04	2.29029971	1.00E-04
0.63771028	0.55253127	1.00E-04	0.37250181	0.43560367	0.81801716
0.5256597	0.3972097	1.00E-04	1.00E-04	1.00E-04	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61760226	2.4860865	3.28049216	1.99896933	2.87432566	2.830824
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31843376	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80877449	0.9789094	1.00E-04	1.71398531	1.56205637	1.32615431
1.08362553	1.2036316	1.00E-04	0.24834324	0.87385942	1.00E-04
3.14213246	2.48551554	1.00E-04	1.09273465	1.55848569	1.00E-04
6.17057694	5.18673718	4.58632204	5.55441855	5.06105127	5.19007651
1.12492617	1.00E-04	1.00E-04	1.00E-04	0.6295168	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
5.62895324	5.69777406	4.67330414	4.78033434	5.20862113	5.2829875
0.66644555	1.14640595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75942465	1.00E-04
1.00E-04	0.72050085	1.00E-04	1.00E-04	1.09118227	0.57696471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08213076	1.00E-04	1.00E-04	1.00E-04	0.3163275	0.51678144
1.81735238	2.48805411	3.36305317	1.88251171	1.77797884	1.24391538
2.0010453	1.93655473	1.89833233	1.47621596	1.70124456	0.63489516
1.26840062	1.54570591	1.00E-04	1.42936895	1.09281512	0.49874724
1.59571284	1.3198662	1.00E-04	1.96361527	0.62322409	1.00E-04
0.44413777	1.00E-04	1.38754516	1.17386419	1.80788527	1.77154395
3.97358047	3.85008291	3.31607962	3.59429099	3.9018726	3.71623381
1.00E-04	1.51276212	4.05470938	4.31008448	4.35077122	4.82115979
4.72791533	4.91672075	4.53982282	4.59496984	4.15044183	4.19911772
6.59051154	6.50398017	6.03692414	6.27607334	5.75004819	5.69728942
4.10972951	4.0601914	3.7319144	2.93854449	3.80573622	3.48308498
1.65508353	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.67397897	2.03950011	2.3620845	2.54280721	2.57911431	2.78884988

1.51949741	1.28879459	2.17355975	0.70584674	1.50604773	1.40945776
3.51105325	3.58122067	2.96061213	2.72465724	3.57594255	3.85287353
3.18524999	3.83483876	4.29629828	3.77738699	4.04326829	4.04203293
4.41891411	4.58028268	4.94902485	5.2685846	5.14597633	4.89442232
5.30404374	5.40607144	5.04794498	4.84315302	5.69434736	5.69159407
1.00E-04	1.00E-04	1.00E-04	0.53821433	0.87092246	0.70240592
2.36858349	2.3771287	2.3868719	1.19681138	1.48815027	2.06971722
3.56027869	3.68052951	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.28025931	3.94134159	4.42510975	4.6980129	4.41436719	3.98154315
5.78802156	5.29068461	5.97497194	6.52291983	6.25838369	5.42703684
1.88206132	2.18894059	1.00E-04	1.00E-04	1.43356639	1.97333948
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.82329274	3.73361772	2.57790145	2.78021098	3.35100826	3.40169307
4.15349998	4.05976535	3.05983747	3.69924277	3.99006847	3.97098503
4.60516564	4.65919007	4.58212283	4.36749071	3.93103397	4.69564097
5.33142234	5.17934824	5.40040337	5.58622984	5.43381607	5.36330258
2.02129967	2.44914129	1.11518827	2.64043424	3.38954351	2.92928069
1.00E-04	0.31765625	1.00E-04	1.00E-04	0.67477981	0.9895995
2.60575663	2.87658334	2.22139198	2.69384163	2.83234579	2.92269254
4.94624094	5.20854471	4.71928562	4.96897061	5.04166119	5.1343688
0.09415495	0.37215976	1.00E-04	1.83806911	1.33035449	0.8404913
1.00E-04	0.69392408	1.00E-04	1.00E-04	0.5021994	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39648321	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75023767	0.95914025	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.99939093	1.43899554	1.00E-04	1.02886389	1.00E-04	1.00E-04
3.81012738	3.42247068	1.00E-04	0.95573009	1.00E-04	0.865172
1.07051338	0.5449975	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45859847	0.57497591	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92642581	0.8426349	1.00E-04	1.83263091	0.63738487	1.39834226
0.50857658	1.12838606	1.82818418	1.26532166	2.33110979	3.03338299
1.36405343	2.38024462	2.72771699	1.08011318	2.49070984	2.43555884
2.91663234	2.88071214	2.39042884	1.90959318	1.11377115	1.50726046
4.22258001	4.55622135	3.8539744	3.301375	2.30103505	2.50611528
4.89352639	5.02684765	5.62799309	5.34365303	5.05694945	5.1718572
4.41454724	4.47545849	3.67363718	4.14890551	4.48140252	4.75121616
4.5502336	4.7379738	3.76460858	4.00754574	4.78754252	4.59201803
4.50815257	4.34087455	3.95901842	4.07703697	4.37642187	4.3956397
4.00496812	4.17594629	3.85405078	3.84482329	4.17510649	4.14810412
4.7625464	4.70281496	4.63795244	4.05661632	4.70604047	4.60521284
2.47541098	1.29684116	1.6068095	3.07336661	2.31255343	2.13137568
4.24636979	4.0336208	3.28841749	3.25230383	4.1011789	4.08631087
4.37613867	4.23750654	3.34517734	3.53592478	4.20979544	4.08106626

2.92021669	2.99492553	3.69083976	2.53715568	3.2419276	3.35187605
3.42801724	2.83460189	1.00E-04	2.32757062	2.33531672	2.54004704
2.18669172	2.89963486	2.32450584	2.73583455	2.83544364	2.3833364
3.47206176	2.50629976	1.00E-04	2.50048592	3.84089189	3.52748556
3.60151836	3.32828532	3.45302902	3.32119312	4.25034395	4.43273947
3.48606711	3.34275418	2.46099858	2.14365565	2.85873552	1.67103971
3.83183061	3.67339699	3.65308699	4.39232885	4.19224771	4.1241339
2.0673119	1.92094132	3.11053358	3.2155443	3.06314258	2.36860823
5.15292019	5.04977532	4.36408143	4.97738932	4.6734346	4.46440134
2.21526822	2.12997302	1.00E-04	1.68898366	1.92336417	0.42451619
2.1629486	2.1657857	1.00E-04	1.11023205	3.07724701	2.01507577
0.09292159	0.68630804	1.00E-04	2.15719347	0.89598856	1.36304427
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65519325
0.84107971	0.36710226	1.52319676	0.43819317	0.12413672	1.24068988
1.00E-04	0.71655627	1.00E-04	1.00E-04	0.17637488	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78772492
1.58461703	1.14927284	1.30789632	2.27560953	2.15988751	2.67701059
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.22664151	4.1497989	1.00E-04	0.67915539	2.08249885	2.36127361
1.00E-04	1.00E-04	1.00E-04	0.54842099	1.00E-04	1.00E-04
1.57895282	1.98177158	4.19280111	3.37441973	3.86072356	4.26835346
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60784988	0.73226551	4.50858155	4.28230676	4.72496964	4.91205221
4.14378589	4.20846519	2.26969129	0.48793187	2.03137281	0.73195881
4.34155187	4.26826165	1.00E-04	1.00E-04	0.73878266	1.00E-04
6.3244975	6.22381739	3.00208245	2.55620276	2.73658411	1.95066257
1.41857104	1.31013739	2.04595548	3.53572226	3.33790369	3.71982155
1.6822638	2.38716509	1.27996271	2.25849251	2.21533783	2.60121283
1.14375142	1.59798948	1.00E-04	1.00E-04	1.24337557	0.81801716
4.05566764	4.58869026	4.15314784	4.64507436	4.2750597	4.32163051
2.98749069	3.55225405	2.34403476	2.07190986	2.85334938	2.89760323
1.38630284	1.00E-04	1.69861292	1.80501147	1.27735487	1.54787495
1.02506211	0.79219723	3.54352052	3.69434759	4.40010137	4.22277077
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46873513
1.72932411	0.58160361	1.00E-04	1.03424174	1.29369384	0.83134782
0.1163586	1.00E-04	1.69861292	1.004923	1.19873943	1.41509811
0.2986499	1.00E-04	1.00E-04	1.30139246	1.74287193	1.89223905
3.02095267	3.06554152	1.38754516	3.38988485	3.91613663	3.73929605
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30569673	1.00E-04
4.1857384	4.13131878	3.18660222	3.57917268	4.0538617	4.11670988
3.00035173	2.15424294	1.30986649	1.00E-04	0.75146173	2.15157107
1.00E-04	1.13725071	1.00E-04	1.00E-04	0.18229203	0.59148478

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34578266	1.00E-04
3.99841179	3.84612194	3.96337996	4.2928119	4.54650356	3.78908705
4.98522034	4.95944239	4.70750953	4.59866181	5.29667893	5.365179
4.39992463	4.5672981	3.98832731	4.52333969	5.0509179	5.10144229
4.64971693	4.77848265	1.00E-04	1.56650662	1.85297505	2.34847106
3.9819849	4.08601729	1.00E-04	1.17036188	1.18267263	0.9932564
2.23434257	2.53103178	1.6068095	1.74185147	2.29332326	1.75576711
4.42294722	4.53952424	1.00E-04	1.00E-04	1.99454442	2.01381433
3.1905278	3.31373355	4.18022601	3.917339	4.24711622	4.19791113
1.54709065	1.00E-04	1.00E-04	1.09901055	2.17795207	1.29574199
1.79153751	2.08147575	1.52319676	0.78264478	1.39738565	1.84487047
7.13272308	6.88072148	7.68505364	7.81208619	7.68236714	7.39196715
5.38250387	5.41919286	5.80902984	5.88896462	6.06866141	6.19035915
4.78358809	4.92746909	4.75313598	4.51712711	4.8260755	5.19387503
6.34435639	6.30931367	3.9805892	4.05985554	5.53158216	5.34966307
1.84065097	2.24357058	1.00E-04	1.14821866	0.54642048	1.40620535
6.21985758	6.17782888	4.91806452	4.5364423	5.97447515	5.81324096
5.43970354	5.39189922	3.86636554	4.26054919	4.74840831	4.64782198
3.77189349	3.4455136	3.87877093	4.53128832	4.32193391	4.36532151
4.53262849	4.73425797	3.52401508	3.89883492	4.10822754	4.45873662
4.11005835	4.01560692	2.88349456	3.55717206	4.45538813	4.14675567
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.39559218	3.55901988	1.00E-04	1.00E-04	1.41754539	1.69245174
6.28086273	6.09425987	6.51237693	6.52218047	7.3267773	7.23299965
4.45300878	3.48858931	3.43954125	3.79634834	4.5904465	3.98743999
6.2070652	5.65079725	5.76562012	6.27710129	5.9389922	5.63407144
4.8763303	4.72595697	1.00E-04	0.14912336	1.00E-04	0.6320447
2.25948892	2.14202401	1.28609943	1.00E-04	0.66665832	0.38032321
1.24865769	2.16422119	2.98780737	2.48164788	2.49629251	2.72866946
5.9422122	5.30387282	4.68683004	5.28271963	6.32946613	6.08434898
1.42546282	0.65456396	1.00E-04	0.43961201	1.00E-04	1.8067023
2.21539924	2.63828698	1.00E-04	0.48793187	1.10614218	1.09031873
2.45918158	1.65368002	2.30123255	3.13375404	2.70738327	3.15298695
5.02228106	5.01861255	4.60298382	4.57667715	5.47719307	5.29917442
3.38959251	3.68845606	4.83281548	4.79750246	5.29663083	5.56088714
3.94810335	3.14081786	3.99522291	4.66451765	5.02114086	4.44691677
4.2400422	4.1374806	4.89526254	4.6085164	5.042467	5.28566981
1.44767619	1.01430436	1.00E-04	1.47766735	1.42213302	1.06946013
3.63094651	4.1018104	1.00E-04	1.36251081	1.11400891	1.09875348
3.17528023	3.06231113	1.00E-04	0.41438246	1.28307842	1.86149673
0.44413777	1.00E-04	1.30789632	1.69253019	0.19191379	1.34725946
4.28101594	3.78561947	3.67888534	4.03380827	4.884689	4.69476299
1.3774269	1.88354309	1.00E-04	0.34813435	0.69185316	1.57245416

5.91405757	5.76082376	2.35742396	1.78477617	1.97945561	2.23265237
3.22598065	3.34280141	4.08924848	3.35826656	4.0118898	4.26286073
2.50731266	2.67049254	1.00E-04	2.9583013	2.54162043	2.84874552
2.34451095	0.54611412	1.00E-04	0.79096879	2.45477237	2.32442379
2.5683823	2.81466578	1.00E-04	1.70744284	2.20864529	2.21721736
2.6453438	2.62058592	2.54538507	2.68210008	3.2246034	3.36831981
3.41763056	3.5491412	3.0624725	3.11140604	3.59873448	3.66365068
5.365649	5.34450642	4.77283879	5.03161784	4.90352549	4.78849953
3.95164122	3.84847253	3.87937676	4.61032314	4.2956852	4.53878077
3.62617248	4.31043066	4.36627041	3.99429495	3.90549782	4.24644329
0.45859847	1.29281574	1.00E-04	1.78777285	1.81927126	0.7055365
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3548392	1.00E-04
3.1829722	2.79782912	1.42763756	2.17082026	2.85084351	2.58873466
1.00E-04	0.64805701	1.00E-04	0.96963438	1.83576485	1.29534931
2.36475329	2.25523088	1.00E-04	1.11972879	0.16276316	1.01333552
1.28628328	1.00E-04	1.00E-04	1.00E-04	0.91504574	1.00E-04
4.0873855	3.57780494	2.82651085	2.67834653	3.30311548	3.54978823
4.67059542	4.29743251	4.54383644	4.50984725	4.59169875	4.83910873
2.90764783	2.53274866	2.38699525	2.37759356	2.73157365	3.06608926
4.03286744	4.12250801	3.30832784	3.33750803	4.0860835	3.71275039
3.62044973	3.70996454	1.69994631	2.84711531	2.73532392	2.64452434
3.9938792	3.88123318	3.71299806	3.5163616	3.64522022	3.99391776
5.77353975	5.83381583	5.28367084	5.19791313	5.57432342	5.4997457
3.08342626	3.50456503	1.00E-04	0.93336169	2.29447733	1.92855244
2.71958603	3.00628439	4.84883797	4.96475124	4.37328137	4.41378976
0.2591487	0.50469062	1.46133917	1.92352819	1.62311158	1.05389959
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58408879	1.00E-04
3.61667198	3.62458317	1.28609943	2.68236915	3.26435245	3.55980486
0.90958361	1.18714539	1.00E-04	2.02411051	2.33670174	1.33016269
1.34235466	1.17660537	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.39183105	4.015752	2.68636	3.15315365	3.43767664	3.37077721
6.4918349	6.35905872	5.88215267	5.91061743	6.09652768	6.10021185
1.63174102	1.42019734	1.00E-04	0.41939216	0.93287644	1.00E-04
4.281433	4.46161569	3.97642485	4.04582228	3.86768944	4.10298173
1.00E-04	1.42013611	1.69994631	2.75927064	1.5600282	1.24665916
2.87968956	3.07356651	1.00E-04	1.92796705	2.45459592	2.49720839
4.97909322	4.61325092	4.87800707	5.34729007	4.86594836	5.28411864
1.00E-04	0.93541153	1.00E-04	1.00E-04	0.42133376	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14485168
1.53565851	2.13841847	3.16594358	2.18924379	2.54512781	3.25496764
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.50944814	0.8053293	1.00E-04	1.00E-04	0.47330183	1.00E-04

1.06286997	1.08785434	1.00E-04	1.00E-04	0.89817864	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.22183098	1.54802217	1.00E-04
1.69139522	2.76504394	2.39198598	1.61449575	1.98036957	1.37218057
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.4885018	2.90054153	3.96598875	3.61017965	4.22907677	4.04551741
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72825032
0.99090222	1.00E-04	1.00E-04	1.00E-04	0.90057933	0.8818268
0.09292159	1.00E-04	1.00E-04	1.37512911	1.60942446	1.06030903
0.72375712	0.76834604	2.81239203	1.73245298	1.96533464	1.42616152
1.00E-04	0.62690381	1.00E-04	1.00E-04	0.74484335	0.62848175
1.00E-04	1.00E-04	2.58059639	3.02996709	0.33327329	1.00E-04
1.00E-04	1.00E-04	1.00E-04	2.04458361	1.43491018	2.30518943
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.33219644	0.29591257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.8873563
1.71687823	1.72974241	1.00E-04	1.04826627	1.0879708	0.38899346
0.37624481	1.00E-04	2.96402676	1.78758241	2.09323697	2.72564699
1.88564615	1.07609799	5.87066487	5.75564631	5.87108774	5.335026
0.75397391	1.02424798	1.00E-04	1.00E-04	0.35534378	1.00E-04
2.05744365	1.60688725	1.00E-04	2.3560395	1.94464259	1.5172794
1.00E-04	0.31765625	1.00E-04	1.00E-04	0.37624996	0.68390115
1.31097826	1.00E-04	1.00E-04	1.00E-04	0.49315536	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3022071	1.34129359	2.88617647	2.23273085	3.0489404	2.56362401
1.01401322	0.5780606	1.00E-04	1.00E-04	1.00E-04	0.70114606
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17649229	1.00E-04
1.00E-04	1.00E-04	2.32722852	1.00E-04	1.00E-04	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	0.2878742
1.00E-04	0.62160043	1.00E-04	1.00781832	1.00E-04	1.00E-04
0.33099482	1.00E-04	1.49210505	1.97969614	1.6128328	1.79822152
0.99359366	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9089619
3.005489	3.65766151	1.73497509	2.71411862	2.80104957	2.87383084
3.06180365	2.89180345	2.78284137	2.38294472	2.74699305	3.0103064
0.97675051	1.42849321	1.00E-04	1.10727702	1.15667636	0.44175658
2.61873771	2.71422987	2.59056534	2.96919503	2.46918054	3.28985374
4.45693518	4.59172755	4.63715489	4.45536186	4.2982247	4.52891146
4.44596193	4.59676279	4.24782664	4.8476056	4.46146486	4.45182017
5.74276995	5.69639297	5.72890761	5.6125856	5.63071758	5.73754144
3.17662171	2.43655369	1.42763756	4.1054817	4.18460641	4.13487123
1.00E-04	1.21794358	1.00E-04	0.59363436	0.98819971	1.00E-04
1.19072199	1.52841125	2.08421616	1.88770934	1.17084274	1.15685298
5.84219634	5.70038868	6.13687415	6.48625826	6.08624552	5.96320798

0.9197094	0.3972097	1.00E-04	1.52660509	0.88828748	1.0147316
4.68421807	4.33255377	5.13591668	5.06979125	5.21293423	5.35790997
2.3630205	2.27773963	1.7310621	2.12288832	2.300929	2.18472361
0.15907666	1.06004557	1.00E-04	1.23285664	0.72373555	1.72377461
2.99686203	2.47833478	3.72431818	2.19003521	3.18217264	2.95084141
3.77985585	3.76607363	1.01811585	2.16003586	2.80706032	2.98821205
2.80138535	2.77969076	2.95157033	1.86113105	2.94568937	2.82162752
2.90728759	3.24796132	2.44282722	3.34153423	4.10659857	4.01929944
0.87840058	1.00355993	1.00E-04	1.03051376	2.42810705	1.99781818
1.79623589	1.76888545	1.00E-04	1.00E-04	0.73896938	1.83827002
3.0322063	3.26052065	2.17029038	3.40159206	3.0793403	3.54734734
4.30663536	4.19968641	3.96912246	4.46524468	4.37396716	4.15981223
3.25782472	2.88518806	2.58753606	2.72535478	3.43057234	3.54691416
4.951773	5.12367167	1.00E-04	3.11643318	3.06680526	2.76739229
3.31328449	3.3871884	2.35241616	2.99373681	3.611609	2.94667751
4.61969046	4.47300659	4.84110234	5.38404722	4.81784911	4.67796119
2.326318	2.73406104	2.94300358	2.69717747	3.32051427	3.12297159
5.67150503	5.6223221	5.71273881	5.91772151	5.72118483	5.75203264
1.00E-04	1.51419803	1.28316224	1.52297823	2.19654463	3.08709086
3.26905004	2.25583353	3.73871986	4.02123767	2.97133063	2.75286194
2.6646041	3.24577122	4.59345292	3.76934305	3.47773556	3.79032414
1.10796044	0.86125158	1.00E-04	1.23925197	1.71460134	1.4726495
2.4685804	2.0465107	3.28798163	3.69033622	3.18546899	3.13609634
1.66380623	1.64730918	3.29683597	2.93203845	3.4935864	3.18932621
3.70264987	3.5365308	2.57410476	2.72341202	2.94854709	3.11105264
0.75008908	0.88563595	1.00E-04	0.15557081	0.9473526	0.38032321
2.77776394	2.61049108	2.22806331	1.8978373	2.63435752	2.41433933
3.2625143	3.25636104	2.85572388	2.7226134	3.31154331	3.47266584
0.99359366	1.57775238	1.00E-04	1.03336851	1.97586076	1.64834518
1.26649166	1.89769354	1.27996271	2.58913328	2.34218121	3.51815455
2.04094486	2.85175503	1.00E-04	1.95163517	2.60111221	2.70568105
1.76161605	1.59294456	1.11518827	2.03180837	2.67429682	1.69148194
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5595844	1.00E-04
0.1163586	1.00E-04	1.38754516	1.62454448	1.12248375	0.13038568
1.72624015	1.20286216	1.57312553	1.16789442	0.97755466	0.68058437
2.15718122	1.67522569	2.04595548	1.54750698	1.26639572	1.98696779
1.21754767	0.79837719	1.00E-04	1.00E-04	1.06459126	0.44530814
2.18992831	2.72297465	2.69737394	2.62587084	3.40031417	3.61857654
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74336161
1.00E-04	1.00E-04	1.52319676	2.11052647	1.74056874	1.43464043
1.00E-04	0.39496032	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.63389895	0.74773056	1.00E-04
0.67336457	1.29732952	1.30789632	1.17110942	0.47764473	1.30957726

3.90501625	3.77780057	3.91307995	4.06291959	3.60269774	4.28754405
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04544243	0.44747489	1.00E-04	1.00E-04	0.23623567	0.62848175
4.93348571	4.85521981	4.63179596	4.48160753	4.49030308	4.46616757
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.05949687	4.70603409	4.89712796	5.04377929	4.6722967	4.64681741
4.35916437	3.90375056	1.42763756	2.47703642	1.79112641	1.62307116
0.5929689	1.00E-04	1.00E-04	0.81196764	0.57885604	1.20246593
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70712569	1.00E-04	1.00E-04	0.60745352	0.22206006	0.28970807
2.33514436	0.90355034	1.00E-04	0.64152145	2.57571071	2.14034639
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.10352692	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.37041733	0.10440683	1.00E-04
3.03134499	2.40592913	1.74110187	2.3113595	3.21027716	3.22202845
5.2688907	4.97865749	3.88905326	4.2689089	5.24016637	5.10895857
1.98576318	1.56838573	1.27996271	1.99092642	2.18612211	2.42897477
0.97522754	0.63462979	1.00E-04	1.00E-04	0.33642162	1.00E-04
2.97282239	3.41250073	3.24286079	3.0809968	2.74482217	2.83904897
4.2258433	4.1031806	3.6473878	3.54223703	3.72116592	4.05947444
2.94993735	3.02418822	2.17237467	2.11443169	3.01255709	2.6496778
1.01894566	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.63694286	5.72538154	5.65117644	5.75605484	5.89269873	5.95868678
6.60439288	6.46582268	5.93503214	5.91257557	6.11218558	6.281734
1.00E-04	0.8876832	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87162867	1.14918854	1.00E-04	1.17867905	1.19330235	1.00E-04
1.08018438	1.00E-04	1.00E-04	0.37250181	1.00E-04	1.00E-04
0.44008268	0.97834013	1.00E-04	1.45661423	1.88574016	1.3260588
1.70507359	2.49763878	1.28609943	2.50000983	3.08462758	2.66887247
1.00E-04	0.89924687	2.64250875	2.25572661	1.19331002	1.26166724
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.93311716	3.51668922	2.53722311	3.01543462	2.6689758	2.68580685
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.73525147	1.00E-04	1.00E-04	0.24021141	0.34272783
2.28365472	3.08953906	1.81104972	2.68496696	2.77803537	3.03452971
0.5670447	0.46921448	1.91177822	0.70120444	1.31244562	1.40877669
4.29106138	4.19330557	5.25857791	5.44374518	5.33026334	5.22859669
1.89303336	1.84373739	1.90261361	2.64607526	2.72930194	3.03284936

2.78313508	0.9043974	1.00E-04	1.77778185	2.2706178	1.6676302
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	0.19641509
0.35507067	0.56312682	1.11518827	1.24954728	2.22874309	2.6764014
1.90045374	1.92946114	3.2228635	3.10890249	2.60989832	1.75438982
3.86514958	3.73776836	1.01811585	2.59143235	2.71760976	2.73977882
1.93021639	1.14640595	1.00E-04	0.48793187	0.85678977	1.18440775
0.73897369	1.00E-04	1.68194567	0.74394	1.16975656	1.44433798
1.99144954	1.24860232	1.00E-04	1.40974911	1.43635874	1.84910518
2.39643126	1.953232	2.08421616	2.41241047	2.76676684	2.07556525
2.02652719	2.6594699	1.01811585	2.56254983	3.10478077	3.01340145
1.81019733	1.34767114	1.00E-04	1.65100033	1.40229744	1.12546181
0.94774377	1.6607263	1.00E-04	1.04547307	2.02250322	1.99303333
1.99813626	1.47633955	1.00E-04	1.85964648	1.33950143	1.42667011
2.73703471	2.77612632	2.51995895	2.10047211	3.48208545	3.21492246
1.66615769	1.1600216	1.00E-04	1.06373056	1.68342066	0.93175479
3.87339909	3.79184018	1.30986649	2.27269244	3.28385505	3.71443934
3.37203796	3.69698997	2.8444312	3.07472112	3.29603716	3.50261566
3.88071187	3.91887109	4.65195578	3.28296945	3.42283279	3.04791425
4.32422531	4.16197425	4.26838186	4.12056249	4.44110968	4.73519233
1.42642542	1.00E-04	1.00E-04	1.38540536	0.97366189	1.30327713
4.28814775	4.25064428	4.36706591	4.48147157	4.23663025	4.42911233
1.21003496	1.36983511	1.00E-04	1.64936642	1.8654723	1.34888101
3.81530379	3.50160271	3.0150936	3.51610405	3.42220186	3.58578609
2.19992348	2.41015047	1.46133917	2.25728642	1.60432884	1.88209316
4.41829108	3.61243858	4.13601465	4.6465282	4.27235775	4.3931569
3.19180205	3.31906435	3.23326786	2.89708136	3.09506329	3.05070277
4.71255374	4.88137126	5.50077614	5.92067947	5.92789978	5.873486
0.70185963	1.88441507	1.00E-04	1.00E-04	1.26971983	1.00E-04
2.69987141	3.41938899	3.06105651	2.79460976	3.11946288	3.0230377
4.32238462	4.20146684	4.04174037	5.02497974	4.68440007	4.81154142
3.73660332	3.64148831	3.82710516	3.73830837	3.78896894	4.01071997
4.13773301	4.2054767	4.3530236	3.92428098	3.92448386	4.20285538
3.83990555	4.02184552	4.31010561	4.56304383	4.37269992	4.39999584
1.00E-04	1.00E-04	1.00E-04	0.63322325	0.21213772	1.00E-04
5.26052083	5.15323494	4.8391624	5.46254506	5.13030973	5.40731713
2.80910975	1.68939406	1.00E-04	2.42925936	1.63458656	2.20956184
2.10943346	2.79247857	3.80349838	3.12115457	2.93117759	3.26316277
0.37284702	0.54611412	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.14300998	4.4725891	3.92808164	4.09976806	3.75806054	4.13885226
2.89423883	2.50202871	2.65226244	3.21943414	3.20114548	3.51680096
3.18014909	3.13222166	2.65786587	3.50831154	3.51280796	3.66956498
3.12749035	3.5503419	3.48549849	3.08587449	3.66944931	3.5845105
3.44836387	3.72427608	3.2519375	3.26023276	3.22261772	3.30885063

1.84386907	0.71882705	1.01811585	1.84350765	2.18905671	2.42180997
2.60100727	2.71921834	1.42763756	1.10962298	2.12891626	2.08646457
3.15935641	3.56019599	3.09867171	2.95920725	2.41448734	2.37912282
4.44002609	4.21885892	4.14181771	4.67768721	4.60066226	4.52655809
1.79124972	2.18280315	2.79266237	2.88708011	2.96965991	3.41864331
5.81264877	5.59225568	4.56863014	4.2233593	4.30245218	4.02452108
3.1308029	3.36072738	3.25049588	3.46954098	3.28032844	3.30906121
3.01572961	3.18141353	2.21376156	2.94105373	3.13487576	3.11474232
2.33086673	2.40509806	3.31411904	2.13877889	2.38551496	2.23915773
4.20910709	4.40565468	4.10263394	3.77448436	3.97014348	4.56656105
0.45216556	1.00E-04	1.00E-04	0.45991406	0.18229203	1.00E-04
3.96746328	4.02109796	3.36770257	3.73482621	3.71000364	3.54273677
4.36954856	4.08794278	1.00E-04	1.9262804	2.92122292	2.31259521
1.00E-04	1.14927284	1.00E-04	1.00E-04	0.28404155	1.00E-04
2.52774117	3.48350609	3.5888852	3.29760169	3.46714584	3.80673438
1.00E-04	0.68475804	1.00E-04	1.00E-04	0.49392672	1.00E-04
3.09521018	2.83256516	2.77305881	2.24607192	3.17622454	3.82021183
3.23398871	3.43841126	3.41232476	3.32572806	2.936526	3.08196137
4.89074827	4.81877386	5.3390948	5.92252198	5.58023573	5.52213425
2.43007408	1.8928617	3.13898016	2.79176118	3.09930408	2.24210508
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.47081617	2.64530713	2.25057176	1.92450227	2.93827704	3.09318243
1.67640257	2.22704329	2.32722852	1.86969223	2.2264612	2.4996362
2.0012699	2.34151965	1.00E-04	0.91029899	0.4897726	1.00E-04
2.33721297	2.35112151	1.52319676	2.55976167	1.49655093	1.40246497
2.38422345	1.43949519	1.28316224	2.04755032	1.72531764	1.11725187
1.08686873	1.20410229	1.00E-04	1.02655819	1.07633351	1.3560718
0.86232549	1.00E-04	1.00E-04	0.49689352	1.00E-04	1.00E-04
2.81120241	2.87970363	2.74145614	3.08080391	3.28838382	2.92626681
1.55076147	1.00E-04	1.00E-04	1.5916951	1.00E-04	1.29868234
0.50369671	0.3972097	1.00E-04	1.41616992	0.96248899	0.40709304
2.87234084	2.65991956	2.14870406	3.22664011	3.37152501	3.52100083
3.46707671	3.2914928	1.00E-04	2.65077369	3.60720634	3.14049533
1.03954913	1.00E-04	1.00E-04	0.43961201	0.65334627	0.36890356
3.70909523	3.37826306	3.3771533	3.92267513	4.55004215	4.24022519
3.13870474	3.00714373	2.76936934	2.79542864	3.23075864	3.11396794
1.31927078	1.56047466	1.00E-04	2.12183412	1.77007788	1.60906633
2.78909294	2.36310908	2.94236064	2.98138851	3.06596111	2.27796611
1.42937761	2.16710356	1.00E-04	2.96181913	2.55336073	1.62925977
1.00E-04	0.90571514	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.23619981	1.00E-04	2.06631585	0.12413672	1.00E-04

0.64937513	0.88563595	1.00E-04	0.93995654	0.48393323	1.3999156
2.18805691	2.19666454	2.3363295	2.68171233	2.36328797	2.43884384
1.44841596	1.41521369	1.00E-04	2.0525434	0.90081684	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	0.53687768	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.71597764	1.00E-04	1.22438017	0.12413672	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62242987
1.73421731	0.9503616	2.98862853	1.663892	2.7050432	2.80917314
2.42671425	3.205199	3.28565708	2.65931182	2.30021678	2.92084122
0.43243323	1.51789285	1.6068095	1.61555896	0.57544843	0.60878833
1.36925576	1.00E-04	2.8861196	1.00E-04	0.25689455	1.2567444
2.41454966	2.87492013	2.68698767	3.00449703	2.72484976	2.97317907
3.94420176	4.13978629	3.37685782	3.82857347	3.77190242	4.17082069
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7884641	1.00E-04	0.64302945	1.45561576	1.14465377
1.47254674	1.39300832	1.00E-04	1.54991444	1.53325973	0.41953258
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.889633	5.02499782	3.62853848	4.84646611	6.30958578	5.81322498
5.17413214	5.20349218	5.09027826	5.29806978	5.31126269	5.21929264
1.46793912	1.62100436	1.00E-04	1.44018691	0.76354691	0.8386645
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.78056907	3.96411644	3.60292864	3.6102295	3.96001273	4.1269222
5.47242902	5.55583668	4.66500745	4.72182041	5.55632027	5.53358989
2.28239576	1.70215435	2.68539473	2.22070907	2.07525343	0.94061295
4.25181245	4.71264078	4.32124603	4.50609633	4.17991206	4.40958108
1.54451748	2.17974431	1.00E-04	0.72411675	1.76698292	1.10510572
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66170831
2.86467628	3.12613034	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.88708544	2.9825392	3.17215609	2.73347824	2.1949174	2.44129699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86139894	0.40023655
4.30085081	4.43545654	3.60897547	3.32573721	4.00090859	4.01606577
1.14076486	1.00E-04	1.00E-04	1.14639358	0.69346824	1.01373397
2.64210535	2.62605279	2.46682134	3.67541397	3.07230441	2.72905001
1.45022574	0.53117747	1.00E-04	1.45324437	0.29787799	0.64922008
3.37256375	3.43807295	2.40182342	2.0648003	2.79857082	3.08453796
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.68708415	1.00E-04	0.71219483	0.19191379	0.38032321
2.20371687	2.33641589	1.27996271	1.15966029	1.01602571	0.49041951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48497572	1.00E-04
0.76232783	1.00E-04	1.00E-04	1.73185565	2.14504508	1.17928438
1.37575382	0.85432363	1.00E-04	1.30950117	1.81417631	1.77414866
2.14880996	1.2934805	1.00E-04	1.97183862	0.67407165	0.90058237
2.57437931	2.95447189	2.26969129	2.55711109	2.83389444	2.51509921

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.68902397	3.71275772	1.98448885	2.26478673	3.69515064	3.40746229
4.00928297	3.93823465	2.98138155	3.50221422	4.55647831	4.53366303
2.23087017	2.90458213	1.8415676	2.49166178	2.80339792	2.6061406
4.81476413	4.65442125	5.11055504	5.18754581	4.96825749	5.06292266
2.25350855	1.83890284	1.30986649	1.83575515	1.95468764	2.36929351
2.98079463	2.75541074	1.00E-04	1.98144764	3.37456031	3.08232125
3.91163469	3.27273273	2.59977422	3.72612306	4.44289815	4.41811952
3.19656473	3.30203525	3.34664151	2.11468666	2.81345601	2.47360035
2.12490159	2.10265931	1.49210505	0.72907688	2.3448205	1.92227754
5.25869287	5.11369486	5.23100563	5.2135272	4.94851452	4.84923588
3.79142549	3.53410241	3.60972384	4.0193762	3.74115442	4.01223716
6.3070232	6.29578754	5.68891608	5.9148781	5.69428328	5.61242311
4.18521865	4.5048213	4.74039508	4.43933704	4.38377589	4.4822223
4.38229721	4.4488038	5.24939573	5.20085332	4.95933018	5.08881247
1.00424316	1.00E-04	1.46133917	1.41818707	1.40039051	0.61870517
4.82917248	4.82615835	5.13612163	4.88711351	4.65711923	4.78015272
4.80549063	4.26887831	5.2948235	5.4602767	5.42910955	5.48192888
4.35406971	4.20380953	4.35435198	4.35730957	4.29560853	4.44965451
5.14374019	5.33784221	5.31426299	5.37046818	5.51614949	5.83904011
1.00297709	1.00661967	1.00E-04	0.25428292	1.04105182	0.96921698
2.90503716	2.46243047	2.44990628	2.48728256	2.42981045	2.3562419
2.49163098	2.4168975	2.70514819	2.96300599	3.45876253	3.28823979
2.76784965	3.35070146	2.6159029	2.69090511	3.15263841	2.93181237
3.53400247	3.52455167	3.54389755	3.44415822	3.62078677	3.69968696
1.00E-04	1.00E-04	1.00E-04	0.53821433	0.68701705	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.08911733	2.50153912	1.00E-04	2.3648296	3.60785356	3.33410921
2.17587061	1.4462964	1.00E-04	1.00E-04	1.56982964	1.53939875
3.86533269	4.17822686	3.71247854	3.75243358	3.46819417	3.63314393
4.74051512	4.73855301	4.80008548	4.43168267	4.15480046	4.56102577
3.35851559	3.28928188	3.43167244	3.29139687	3.47712507	3.52620168
5.76964152	4.89320546	3.58923853	4.54944114	6.20969118	5.34798984
3.59887388	3.51654329	4.84928577	5.30411528	4.85611713	4.88765604
3.46261804	2.93963906	2.62176543	3.1700641	3.11812798	3.63000073
0.37484237	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.08338076	4.06567987	4.15089026	4.46514526	4.14150912	4.37199228
1.64499687	1.62877127	1.01811585	1.00E-04	1.34225866	0.55036061
2.66333091	1.9289171	1.30789632	1.91086031	2.58477052	2.22010732
3.0143795	2.86682184	2.84915019	2.72988342	2.994881	2.61598778
3.75360123	3.57843329	2.70479948	3.22746447	4.02666252	4.1353453
3.49446214	3.42746296	3.50983731	3.21209594	3.57819208	3.33765794
1.62465377	1.07466104	1.40283744	1.20504019	1.66299708	1.44108063

4.26416857	4.25729258	2.60039813	3.56408324	4.01247256	4.23793966
3.77983991	3.70682147	3.62274383	3.77588958	3.7861391	3.53856034
1.00E-04	1.00E-04	1.00E-04	0.41871868	0.22725774	1.00E-04
4.16887916	4.01464755	3.4059707	3.35692709	4.08171345	4.22244228
1.52770731	2.33938937	2.36413107	1.91809613	2.61081739	2.61823893
3.10155041	3.27762412	1.7310621	1.85996559	2.8074703	2.96932848
1.12852614	0.93718717	1.00E-04	0.37771766	1.00E-04	0.36890356
5.47517693	5.5093892	7.65977196	8.17323798	7.58862679	7.51040002
1.00E-04	1.18727395	1.00E-04	1.0380396	1.00E-04	0.37329531
4.65829516	4.4739806	4.44283499	4.29607834	4.14723024	4.09836095
2.88836911	2.64319364	3.51786153	3.61442393	3.14303617	3.0862786
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61813992	1.13034345	1.01811585	1.00E-04	0.91051351	1.49998368
2.08015581	2.07723699	2.46099858	1.85817004	2.04720319	2.16134097
3.1151208	2.29958547	1.57312553	3.5169939	4.10749152	3.53942666
3.39375216	3.20066897	1.69994631	2.25854764	2.35423338	2.45370533
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62241067	1.00E-04	1.00E-04	1.14014461	0.23269493	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.27793489	0.67526174	5.4125188	5.94696282	5.53525597	5.8212905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82727624	0.50134223
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00148903	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28289178	1.00E-04	1.00E-04	1.67010034	1.48339311	0.62242987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63460449	1.00E-04
1.00E-04	0.87634654	1.00E-04	0.37082421	1.00E-04	1.00E-04
1.00E-04	0.50028658	1.00E-04	0.78815465	0.87936364	0.15671146
1.00E-04	0.55552765	1.00E-04	1.00E-04	0.42757985	0.75315821
1.00E-04	1.00E-04	1.00E-04	1.65122153	1.59767483	0.50428197
1.70599804	1.73929779	2.99005306	3.34609598	2.11589229	2.52139302
2.67557942	2.98536447	1.38754516	1.92420271	2.58384278	2.48758321
0.93851318	1.10079218	1.00E-04	1.30803582	0.59528506	0.38032321
1.00E-04	0.32854769	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06284929	1.39688862	1.00E-04	0.83594366	1.0680633	1.00E-04
1.11657719	1.46604543	1.74110187	0.95735757	2.00041233	1.38663375
0.60252178	1.00E-04	1.00E-04	1.00E-04	0.50337509	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89091937	2.0769244	3.07926896	3.08812501	3.2363452	3.65608181
6.39008892	6.42237504	6.91173003	6.8053014	6.81127493	6.99238104
4.3465363	4.52691198	3.46594162	3.62565539	4.11138812	3.77068442
1.2290287	1.24597769	1.00E-04	1.00E-04	1.14402193	1.56657397

2.83773808	3.1530245	2.06596253	2.36948261	3.08395886	2.58153495
1.62666087	2.02099269	1.00E-04	0.63761099	2.29653231	2.96405476
0.16178697	1.00E-04	1.00E-04	0.37325883	0.96304199	0.32427501
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9638158	1.07640835	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.57673246	1.95151809	1.00E-04	1.38608087	1.33064772	1.57799276
1.00E-04	1.00E-04	1.00E-04	0.32864749	0.3883143	1.00E-04
1.61655367	1.84222831	1.00E-04	2.07613844	1.06351526	0.8007554
4.26372928	4.45959495	3.84784257	4.05088749	4.10998038	4.50963578
1.00E-04	1.00E-04	1.00E-04	0.45991406	1.00E-04	1.00E-04
0.64383158	1.00E-04	1.00E-04	0.52138741	0.32256591	0.83211626
3.98167189	4.02219239	3.52953551	3.21260775	3.61623673	3.85080587
3.29866374	2.95678496	2.43604581	3.46606456	3.19161547	3.37771284
4.07874911	4.76590703	3.68680256	3.66953194	4.29743775	4.2993868
2.71502906	3.14201874	2.25069739	2.93784551	3.28960987	3.31082448
3.35292439	3.26611818	2.54993657	2.0188576	3.48464649	2.72860104
4.42293441	4.31908404	3.87481812	3.80140141	4.79850369	4.55886492
2.52367292	2.47578244	1.00E-04	1.2942786	2.27367519	1.8182213
2.94041782	2.68698989	1.94735412	2.92511991	2.68410315	2.52787192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.70557416	4.56725501	3.53567368	3.26097402	3.88993411	3.97997562
0.57077505	1.00E-04	1.01811585	1.74087126	1.51579822	1.99897411
1.00E-04	0.66190635	1.00E-04	1.00E-04	1.00E-04	0.89361623
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.4235329	2.94987467	3.94936808	3.54929872	3.58497086	3.89170901
0.43421155	0.69392408	1.27996271	0.76506038	1.00E-04	0.54058989
1.05643027	1.26581305	1.00E-04	1.00E-04	1.06602757	1.00E-04
0.48875286	0.5449975	1.00E-04	1.00E-04	0.57456584	1.00E-04
1.77869092	1.67003931	1.00E-04	2.29483581	2.29588256	2.59695977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36630267	0.6377961	1.00E-04	0.55176112	1.00E-04	1.00E-04
3.18123556	3.34062309	3.03279565	2.47720328	2.8966586	3.18536009
1.94671582	1.46195666	1.89266115	2.52534762	1.78334865	2.04216195
2.78174104	2.93058613	2.63391994	3.17186408	3.28431948	2.9518723
4.38597437	3.90698026	4.38770423	4.11581562	3.8758465	3.54932907
4.25048634	4.37562746	4.50219868	4.24219047	4.77792312	4.41056991
2.99300051	3.31082889	3.16415372	2.56531359	3.09306583	3.36064768
4.20520542	4.04835886	3.01652635	3.353449	3.71791307	3.50578888
3.91524958	3.68918121	3.3411792	3.16376417	4.36274889	4.29321755
3.93260992	4.46513423	1.00E-04	1.93011132	2.76784677	2.64100792
0.33099482	0.91004874	1.00E-04	2.29504745	2.52433125	2.19223591
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.22309764	3.46443114	3.74955142	3.54764893	4.34597631	3.71192777
1.16972184	1.00E-04	1.00E-04	1.16373716	0.11579337	0.35255924
3.25843891	3.40650087	3.10056703	2.76245671	2.84849121	3.70918197
0.73096281	1.73243791	2.26969129	1.00E-04	0.97215144	0.69598609
1.58012389	1.39222511	2.37523392	1.08215163	0.9442754	1.77028346
2.5884153	2.87677381	1.00E-04	2.00463222	1.89349745	2.35565744
4.29845262	4.07884393	3.74242261	3.80359278	4.03743954	4.13144224
2.57333918	2.65471682	1.00E-04	0.61001117	0.93388893	1.16219014
5.09269213	5.4318307	4.52684915	3.7634138	4.62526914	4.83702581
2.2713979	1.29728643	1.00E-04	1.33102471	1.40796537	1.1936687
1.23268574	1.3499458	1.00E-04	1.00E-04	0.26654268	1.02311038
3.20116402	2.78842807	1.00E-04	1.50196133	3.07233107	2.45804356
2.60474539	2.91674273	2.95570767	3.62105483	4.45860418	4.00622634
5.23182672	5.07859098	5.29488031	5.59760296	5.38080577	5.45414973
5.39616044	5.17378063	5.52839796	6.01085825	5.7760034	5.86530731
2.76538062	3.44401226	3.55217366	3.05951031	3.45806714	3.44118759
1.00E-04	0.93727113	1.00E-04	1.30158152	1.74087916	1.71735399
0.88983613	1.00E-04	1.00E-04	1.79956017	1.21542924	2.41168131
1.0013844	1.65187734	1.00E-04	1.18194261	0.27785568	0.35255924
3.0981369	3.26069148	3.83322986	3.68619105	3.26245666	3.67955419
1.35205005	0.70944022	1.00E-04	1.00E-04	0.81362908	0.90405537
1.00E-04	0.55653387	1.00E-04	1.05871514	1.00E-04	1.00E-04
1.11817105	1.00E-04	1.38754516	2.00347318	2.45848588	2.32159263
4.21884017	3.98104094	4.62726365	4.56362715	3.87756593	4.43511782
2.00896634	1.6959177	2.65256659	2.84030845	2.77760485	3.42221154
2.88209003	2.42571732	2.99238639	3.83414652	3.48262199	3.65979484
2.91599961	3.29933098	4.18831293	3.13934698	3.83380494	3.7194347
3.37221508	3.55587681	2.50919734	2.58474791	2.90026614	3.20792078
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	3.30855563	4.52605159	3.29598455	3.64864656
1.00E-04	1.00E-04	1.00E-04	0.7537902	0.40109178	0.20628126
1.00E-04	1.00E-04	1.28609943	0.84528238	1.05848855	1.00E-04
1.07193349	1.63798304	1.30986649	1.00E-04	0.84174709	1.01416663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.87107385	2.31362923	1.74110187	1.4494371	1.62274599	1.34244888
0.59342542	1.00E-04	3.23657214	3.71035852	3.4564458	3.70699647
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.46085181	1.00E-04	1.00E-04
0.83972673	1.00E-04	1.52319676	1.00E-04	1.12871954	0.29591257
1.30636813	0.72050085	1.00E-04	0.77932464	0.29028813	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89342451	1.00E-04	1.00E-04	0.78264478	1.10755231	0.14485168

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.86014803	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.44677302	1.00945112	1.00E-04	1.14853121	0.40665698	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6841276	1.8554341	1.00E-04	1.65734347	1.11665714	2.20215168
1.00E-04	1.07422845	1.00E-04	1.05544323	1.00E-04	1.00E-04
3.96499968	4.0382868	2.59317587	2.73737137	2.94480211	2.96199854
0.8620705	1.16384923	1.00E-04	0.37082421	1.02992498	1.58485423
1.00E-04	0.55653387	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.08421616	1.00E-04	0.35359112	1.00E-04
3.82018006	3.66076462	4.0891158	3.42146059	3.78000809	4.11138101
0.16178697	1.00E-04	2.37523392	1.00E-04	1.00E-04	1.00E-04
4.14531541	4.29014708	4.14728951	4.82687006	4.59973682	4.42566379
1.00E-04	1.00E-04	1.00E-04	1.45799026	0.35286016	1.00E-04
0.77340534	2.07132665	2.24726389	1.93400624	1.69560729	2.06447043
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.00E-04	1.00E-04	1.26237087	0.93846509	0.88434022
2.45437366	1.9903019	1.00E-04	2.63340503	2.22787462	2.99517601
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.4783264	0.57194609	1.37653556
5.0207276	5.02730461	4.23699091	3.91974608	3.99922462	3.76538864
5.02136936	4.95823674	1.00E-04	0.69241499	1.84970837	1.16391153
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86120425	0.3708313	1.00E-04	1.00E-04	0.41749904	1.00E-04
3.08830693	2.99457171	1.30789632	3.10668166	3.206448	2.8395678
1.00E-04	1.00E-04	1.00E-04	0.764425	1.22087853	0.8818268
1.55459789	0.24251465	1.00E-04	0.37506193	0.91019908	1.65755383
2.38853185	2.20517867	3.11099743	1.71776139	2.76585062	2.5100375
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75907648	1.426671	1.00E-04	0.48223216	2.53427033	1.95026021
0.54187802	0.64287964	1.00E-04	1.00E-04	0.33647818	1.05375107
3.23085788	2.81584428	1.83054554	2.97786519	3.50822544	3.17846521
1.00E-04	1.00E-04	1.00E-04	0.34813435	0.18229203	0.2878742
3.39327278	3.54790363	1.74110187	0.43961201	0.71954688	0.65574892
1.2136985	1.54857048	1.00E-04	1.00E-04	1.00E-04	0.41801581
2.25698175	1.45505341	1.00E-04	2.00931005	1.31980808	1.87166649
0.16178697	0.57543231	1.00E-04	1.00E-04	0.22713799	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.93763396	3.96046947	4.70241054	5.07344095	5.01379433	4.66467858
3.75206045	3.22283485	1.00E-04	0.24834324	1.70301803	0.6941482
1.00E-04	0.74600709	1.00E-04	1.00E-04	0.27785568	0.55190248

5.14608216	5.0693064	5.658552	5.69071332	5.61209522	5.79982906
4.27051127	4.01972866	4.71079191	4.9858478	4.87682056	4.86952534
3.91654998	4.17817057	5.15317772	4.61980496	5.10575688	5.03151397
1.00E-04	0.67158499	1.00E-04	1.00E-04	0.74484335	1.00E-04
3.07973678	3.58603737	4.8580836	5.23088982	5.07521017	5.14767646
4.91196035	4.94835359	4.97671535	5.0348601	4.79801528	4.85256936
2.68955237	3.29015608	3.806409	2.78897706	2.95190551	3.72514178
2.76862066	2.96285836	1.70608413	2.62983754	2.67661818	2.87254256
4.2546226	4.13365266	3.72640742	3.60882415	3.68800903	3.80756323
2.25644169	2.77829532	1.75472403	3.00527382	3.1838689	3.04509429
1.2535029	2.49180617	1.00E-04	1.00E-04	0.96361842	1.55921919
4.06845255	3.76408191	3.50486542	3.99746166	4.30533718	4.31121085
2.27112591	2.09786979	1.00E-04	1.93640855	1.75353104	2.38153533
2.59259587	2.44955868	2.41523358	2.21087204	2.81731907	2.54935176
2.11102939	2.22456747	3.42579593	2.29730065	3.04618107	3.25368505
5.00775052	4.93868787	2.26969129	2.54558185	3.67413035	3.41290243
3.89946977	4.30414004	3.17500538	3.26235952	3.80077451	3.75990244
4.63475783	4.3009188	4.62425726	4.55281937	4.35170724	4.41279706
1.63353361	2.15136886	1.00E-04	0.90630514	1.68775751	1.93278327
2.52609588	2.57162264	3.49457402	3.49360483	3.1795675	3.77693301
2.89720751	2.73115707	2.58608756	2.05438809	2.68255282	2.50624332
0.58683111	1.00E-04	1.52319676	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.45735747	3.68242319	3.39107812	3.53120632	3.43228668	3.36104574
2.83468008	2.87065873	2.73426368	2.48575192	3.1213559	3.054267
3.57564877	3.60677246	3.45072433	3.04893345	3.72760488	3.59178606
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.14790174	0.75235999
4.74884086	4.78113289	3.59225465	4.08766952	3.8551469	3.96914339
0.51731848	1.00E-04	1.00E-04	0.96982599	1.86046684	1.89449468
2.2854356	2.05215618	1.00E-04	0.76620686	0.28172117	1.00E-04
4.48646602	4.59627519	4.11286687	4.17105194	4.846866	4.78307525
3.61527723	3.32032413	3.01265518	3.17017258	3.86172307	3.30988093
4.92117227	4.84126349	5.20552506	4.99653147	4.98000058	4.93173655
0.53888819	0.64496235	1.00E-04	1.66617959	1.2419759	0.70840066
0.66598136	1.00E-04	1.00E-04	1.00E-04	0.22206006	1.00E-04
1.05333378	0.64887418	5.64928091	5.38906912	6.0553413	6.08661274
2.02515154	2.27527283	2.4007165	2.72952605	3.31523837	2.67155836
1.82275886	2.19249809	2.79961197	2.72966411	2.53141901	2.99095443
0.6319347	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3340074	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.75924379	4.8837317	4.06355558	4.51565489	4.41388875	4.63225848
1.1717038	2.20029828	1.38754516	2.45575523	3.59235591	3.67984745
3.51365121	3.68391073	1.00E-04	2.44065199	2.23453653	3.11024073
3.23586606	2.69814815	3.42871033	2.99895871	3.87569572	4.08759543
2.31130298	2.38933116	1.00E-04	2.14968008	1.72079469	1.8043974
4.09284593	4.08313779	2.06596253	3.46352769	4.08612558	3.65662809
4.43213035	4.11161412	3.49136666	3.49577723	4.05664742	4.33984794
1.98514901	2.84481934	2.50343665	0.91550857	2.74410767	2.53482481
5.5699847	5.55025171	5.80306714	5.73716661	5.62596001	5.71361227
0.18020261	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.03768783
4.27635126	4.26848199	3.54675813	3.59530544	4.02627011	3.94434593
1.42269443	1.00E-04	1.00E-04	4.03324127	2.15310044	2.2370711
4.02646899	4.37983713	4.68217045	4.71766287	4.75851158	4.62986364
3.31630584	3.52587849	2.04595548	2.53373493	2.61039507	3.2501822
1.59197402	1.49401139	1.11518827	1.02863094	1.56159357	1.37949798
3.30992809	3.07120133	3.20855835	2.66350046	3.33763489	3.53367336
1.73816825	2.30715216	1.46133917	1.4766396	1.28930917	1.06645999
5.1926722	5.05878478	4.24676465	4.29034112	4.57186456	4.55984822
3.67760443	3.39481765	1.98585178	2.49404923	3.01420527	2.66258101
1.62146409	0.53117747	1.00E-04	1.86596574	0.31853502	1.00E-04
3.4442293	2.83549798	3.68420999	3.71061346	3.20880063	2.94269423
1.69109176	1.36742786	2.45072762	1.20399658	1.43974491	1.80983985
1.00E-04	1.00E-04	1.00E-04	1.73226879	1.56938437	0.14485168
1.00E-04	1.66121811	1.75472403	1.08698415	1.00E-04	1.29232622
2.55259382	1.55913713	1.00E-04	3.54560408	2.65351059	2.35890667
5.23967377	5.09788622	4.99719311	4.96128189	5.19520659	5.11760546
1.00E-04	0.41929553	1.9503961	1.00E-04	1.14101627	1.03667411
2.19074746	2.72594679	3.53260179	2.44662145	2.86685478	2.1665365
2.49624813	3.00239533	1.11518827	1.92477927	2.10437001	2.6869218
2.14946603	1.02484331	1.30789632	1.00E-04	1.36700781	1.46449997
0.32197209	1.32759795	1.00E-04	0.53238302	0.68701705	1.00E-04
2.15363151	3.06432689	1.06844428	1.55246139	2.68242407	2.67198392
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47235434	1.00E-04	0.58849759	0.56976168	0.83241481
1.00E-04	1.25257823	1.00E-04	0.55176112	1.28069005	0.27250157
3.48892577	3.67733164	3.13831433	3.01246598	4.2290451	4.53247468
1.27334037	0.64887418	1.00E-04	0.63321171	0.62739879	1.13128523
1.74031429	1.41655209	2.37413569	1.75802435	1.82270251	2.1032596
4.23720327	4.05265922	3.24813123	3.30421047	3.9061856	3.63963895
0.60252178	0.63503652	1.00E-04	1.00781832	0.74484335	1.16040239
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65256817	1.00E-04	2.22951411	3.47236821	3.02774898	2.55760983

1.4930551	1.29074631	1.00E-04	1.4519884	0.70409421	1.56456326
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58408879	0.64152968
3.90687152	4.0586723	2.75235505	2.24132697	3.43293689	3.14167838
1.54416441	1.67240592	1.00E-04	1.04233803	1.06693968	0.13038568
0.77768302	1.14927284	1.00E-04	1.00E-04	0.78009573	0.924239
3.98197551	3.91628605	3.90165536	3.83712542	3.85400094	4.00866837
2.40499964	2.47796066	2.59166607	1.42245158	2.1099649	2.29876697
2.42990692	1.6058139	1.00E-04	2.73979649	2.32858595	2.5426269
5.01152825	4.88823154	4.92662314	4.93362764	4.66448095	4.89819563
4.34745889	4.55464065	4.14711758	4.69444345	4.57142802	4.60410679
3.82593779	4.189968	2.55487182	2.64274523	3.59178133	3.84368081
5.13986909	4.92885643	4.71116385	4.99403813	4.94189474	4.97562994
2.71440047	2.41059947	3.28761273	3.03950328	3.10732369	2.95969887
5.26685957	5.14508803	4.71125131	5.34122631	5.1086068	5.1718341
3.98018525	3.84934998	4.17902879	3.74770159	3.69120262	3.78102485
5.66610285	5.67591825	4.52043365	4.9599817	4.86348008	4.91700598
3.7884654	3.60183767	3.50693475	3.18164648	3.86032197	3.23104151
3.04753207	3.066355	2.23739647	2.51007939	2.63992667	3.0850435
3.23868673	3.83133115	2.63499174	2.98030444	3.6334402	3.31967449
2.47149037	2.79449834	1.00E-04	2.80259047	2.61462335	2.3796627
3.14509301	3.53423922	1.30986649	2.58532972	3.00954096	3.60530784
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.72483304	3.91531598	3.58057157	3.15541728	3.86884494	3.62469362
3.31926202	2.85801067	3.78555798	3.51206672	3.92453376	4.03623325
2.2908019	2.57017575	2.04184196	1.88298396	2.55481447	2.09766972
1.35750652	1.31930702	1.00E-04	1.00E-04	0.34578266	0.20628126
1.2340026	0.7494365	1.38754516	0.85078825	2.33133311	1.3744374
4.67417874	4.7147743	6.06700215	5.81186942	6.06916793	6.00503766
2.89464861	1.80240468	1.30789632	1.43730872	2.40708544	1.10867891
1.62981087	1.00E-04	1.28609943	1.00E-04	0.37724529	0.35419377
1.00E-04	0.7223572	1.00E-04	1.75368791	1.10979163	2.01791949
0.72087393	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.82385699	3.01405381	4.38955538	5.04102095	4.90615147	5.20770246
1.00E-04	0.43600786	1.00E-04	1.00E-04	1.00E-04	0.35948108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.76259626	1.00E-04	0.14912336	1.35970089	0.4986717
0.5256597	0.55591422	1.00E-04	1.68794879	0.44591356	0.21329315
1.24795051	0.36710226	1.27996271	0.72411675	1.00E-04	1.29816941
1.00E-04	1.00E-04	1.00E-04	0.37082421	1.00E-04	1.00E-04
1.650567	1.78856103	1.49210505	1.78828343	0.84743814	1.47518129
2.82416705	3.89232325	2.45317113	2.29453869	1.61927331	0.7545773
0.37624481	1.00E-04	1.00E-04	1.88921656	0.57885604	1.00E-04
0.91628683	1.00E-04	1.00E-04	1.00E-04	1.05403001	0.31227169

5.25928915	5.10029777	5.19126566	5.26456638	5.24683908	5.23870378
2.32625041	1.84171169	3.17422418	3.10278159	3.27528972	3.26548247
5.01130459	5.03537559	4.49624725	4.63842576	4.90214486	4.63743568
3.04841722	3.17514578	2.04595548	1.83473741	2.79080545	3.20994611
2.22015208	1.8971296	1.11518827	1.92565428	1.90742516	2.66205193
1.00E-04	0.43600786	1.11518827	1.00E-04	1.00E-04	1.00E-04
1.28231642	1.81468274	5.37098963	5.57322007	5.22026688	5.18973411
1.87287666	2.0411307	1.00E-04	1.15465701	1.57688912	2.0828276
2.80526194	2.90195807	3.55897778	2.00085978	2.99286495	3.23163979
3.88717993	3.1214308	3.0894489	3.33775493	3.37058748	3.61189899
3.80792865	4.0512772	3.55170436	4.02886158	3.4907264	4.09498144
2.65431082	2.77562235	2.7003327	3.15463233	3.18128168	3.33870657
5.80888236	5.72198071	5.85973176	5.79579792	5.5999419	5.46148123
4.17124591	3.80758228	3.98362476	3.72252423	3.81668154	3.91691283
2.7308888	2.28960497	2.5198757	3.2118531	3.24593457	3.65710685
3.01622468	2.95407432	1.89833233	2.16517056	2.84188431	2.91391196
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65481446	1.20408186	1.00E-04	1.00E-04	0.16793254	1.00E-04
0.72917597	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.06806665	1.00E-04	2.05160791	0.54651002	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44008268	1.69445794	3.90445944	3.72064848	2.838009	2.89580663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3077336
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54389872	0.44867039	1.00E-04	1.00E-04	0.35767242	1.00E-04
0.30980585	0.87634654	1.00E-04	1.00E-04	1.00E-04	0.62848175
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	1.00E-04	1.00E-04	0.86473302	0.36372495	1.00E-04
1.0388154	1.55235952	1.00E-04	2.20815147	0.49981427	0.54828133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06502164	1.82848529	1.52319676	1.07927097	1.53979698	1.5794627
1.00E-04	1.00E-04	1.00E-04	0.71307202	0.58408879	1.03218544
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.00E-04	0.36710226	1.00E-04	1.00E-04	1.00E-04	0.75909811
0.4516944	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	1.00E-04	1.00E-04	0.79237511	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8829895	1.00E-04	1.41006847	0.69170836	0.81869677
0.89408742	1.00E-04	2.11443396	1.71068237	0.54995042	0.57907525
1.00E-04	1.00E-04	1.00E-04	1.33196067	0.61749663	1.00E-04
5.35976685	5.28152831	5.47808039	5.47618992	5.68056702	5.64981229

1.76591846	1.47569785	1.00E-04	1.17983617	1.00E-04	0.46893152
1.11559952	1.30274078	1.00E-04	1.23859417	1.07258978	1.20455805
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.01249777
1.63702119	1.85655222	1.00E-04	1.05244367	0.42692479	0.25711702
1.91187253	2.46597764	4.16106544	3.23797798	3.01332495	2.87425592
1.55360094	1.07201368	1.00E-04	1.00E-04	0.74259369	0.86314901
1.00E-04	1.00E-04	1.00E-04	0.15557081	1.00E-04	1.00E-04
0.96931757	1.83605287	2.16483827	0.96651427	1.24093382	1.27958448
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78009573	1.00E-04
1.00E-04	0.74331533	1.83013888	1.00E-04	0.58408879	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.85579326	1.00E-04	0.16793254	1.68894529
1.00E-04	1.00E-04	1.6068095	1.00E-04	1.00E-04	1.00E-04
0.68349296	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68386031	0.68630804	1.00E-04	0.15557081	0.32412589	0.88512875
3.53354523	3.2560485	3.50903897	4.37072827	4.64149143	4.42167734
2.93966403	3.26172932	3.16515337	3.40732873	3.10202011	3.63443754
0.8065113	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.70265467	1.00E-04	0.25428292	0.59001536	1.10662592
4.67691847	4.8391098	5.28478294	5.3102223	5.10189303	5.12154652
5.148545	4.95331537	4.9359972	5.55209287	5.4393255	5.52258957
3.27193687	3.2279067	1.84440302	2.40005508	2.87902124	2.92442847
3.5294241	3.64697811	2.06596253	2.71747861	3.76268167	3.58270034
2.56726119	3.14288441	1.74110187	1.85130191	2.73335359	2.78129416
5.35568341	5.51031221	4.15473328	3.79382532	5.01192471	4.86917143
4.35296323	4.68677303	4.35238639	3.44615527	4.10840155	3.87100278
2.53798934	2.85338566	2.08421616	1.98877343	2.34208867	1.93537079
3.3452737	2.86733739	1.46133917	2.35759723	2.92750962	2.96798691
2.21028267	1.81396715	1.54304638	0.25428292	1.47130059	1.01358723
4.42415398	4.3954404	4.31756299	4.03088561	4.58184795	4.71721902
2.65870333	2.32379017	2.08421616	0.39596165	2.77699663	2.45411208
5.49107235	5.4122357	5.57516958	6.05639459	5.76147019	5.92468449
4.72734203	4.79089717	4.64690194	4.78571765	4.84309693	4.62671997
4.20549809	4.02710526	4.52766668	4.41074629	4.12663479	4.4771882
3.79625395	4.18791355	4.46011013	3.83121389	3.92632956	4.11363336
4.21430021	4.18645746	3.79919881	3.39026546	4.31090161	4.49195819
3.33673595	3.51637668	2.83906697	3.26342086	3.22585322	3.59159667
4.22038825	3.98411106	4.44300131	4.38633848	4.49239764	4.54639784

3.552874	3.09825842	2.62892294	2.90214054	3.82657608	3.62438677
3.51235379	3.65660858	3.62947858	3.85067672	3.74970307	3.36357146
3.51585048	3.57980287	3.62132108	3.41264939	3.6071065	3.68580288
3.34182121	3.25722606	2.60131964	3.10365323	3.54369908	3.30458539
3.72877624	3.8676738	2.898785	3.05699662	3.75653961	3.53640009
4.1363178	4.29520186	3.13101186	3.37620034	4.29559853	4.13785212
2.10605183	2.56244358	2.16313113	2.3042954	2.97407661	3.0518038
3.16063144	3.12915167	3.37087685	2.61641677	2.60304155	3.31428518
3.63164091	3.43230096	2.20659286	3.37582824	3.52515741	3.39653279
4.61808573	4.86029445	2.93459761	3.07926227	4.47984853	4.44745579
3.81430114	3.78701216	2.36521775	2.84751526	3.37677192	3.28543477
1.07261316	0.89451126	2.13970598	3.06705732	3.45206429	3.20665675
2.13346646	2.11419314	1.38754516	2.11545526	2.57466971	3.03690632
3.68918961	3.6423757	1.96465546	2.97960142	3.28263991	3.4876767
2.2720523	2.37778694	1.00E-04	1.68680018	2.22622203	2.36371148
2.20694206	1.95114985	1.30789632	1.44075062	2.58757489	2.80785011
3.62627688	3.66111613	2.56924409	2.50901946	3.481171	3.91797052
1.76616755	2.42115567	2.09497868	1.04240519	2.24050336	2.32473701
1.80140974	2.45785263	2.12829077	2.14747056	2.2019005	2.88661622
1.61267712	1.94177042	1.00E-04	1.12442739	2.46869463	2.26164085
2.609836	2.92325788	2.37523392	1.77759531	2.30786231	2.68223219
2.35375326	3.08174487	2.50510688	2.83759312	2.96928357	3.34518025
2.72873218	2.64438529	2.22930426	2.34139628	2.48564456	3.00604035
0.55880742	0.56368347	1.30789632	1.2166083	0.23269493	1.00E-04
5.04090929	5.25343255	3.59878476	2.91852235	3.89035431	4.07803074
3.04625704	2.62259334	3.46448526	2.95344249	3.43545568	3.42450762
3.71410055	3.75720701	3.49825646	3.93110598	4.00858304	4.31057603
3.04638331	3.53225489	1.30986649	3.22924765	2.28847312	2.82208803
1.00E-04	1.00E-04	1.00E-04	1.08889817	1.00E-04	0.64556232
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72074364
4.10382053	4.25744447	3.72595531	4.06029866	4.10350179	4.25656197
1.00E-04	0.75203029	1.00E-04	1.00E-04	0.95816402	1.00E-04
4.7142656	4.53358071	3.97012296	4.07457151	4.53194015	4.86073951
4.22698871	4.37590248	4.03177502	4.38038691	4.25674046	4.74067843
3.16558735	3.17685176	1.06844428	2.38834109	2.70347758	2.77241288
4.48523591	4.37189793	3.30816881	3.20811724	4.28718515	3.87197997
4.40456931	4.37375997	4.05816395	3.57379412	4.40091019	3.79642658
3.81813066	3.62489663	3.11717325	2.98383053	4.18650453	3.88225954
3.35570723	3.67021642	2.39253961	2.61403685	3.70721996	3.27232668
3.62815956	4.09211954	2.13669179	2.94700254	3.5297038	3.2796772
5.96953195	5.92273075	4.77540509	4.67918873	5.94276727	5.85073545
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.47608483	4.71287689	3.72097008	3.51971784	4.7083368	4.67552507

1.76597562	1.24060147	1.00E-04	0.76620686	0.15137331	1.00E-04
4.39863498	4.30076814	3.96783356	3.40460206	4.72528758	4.18599433
0.41760351	1.00E-04	1.00E-04	0.37325883	1.02346301	0.89287285
4.98990731	5.12269614	4.27855132	3.79929634	5.07666603	4.67408873
2.30072081	1.97206809	2.56344379	1.92493177	2.7769615	2.11805547
3.5764614	3.46948885	3.05780646	3.18927169	4.09011473	3.83397374
4.75951377	4.5201438	2.96878105	3.54237916	4.539644	4.25850039
0.68102078	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.00E-04
4.48268305	4.49788691	3.4521207	3.11424448	4.53047918	4.27871053
3.02892241	2.71437434	1.00E-04	1.56174973	0.89636715	2.27588263
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
1.44880149	1.00E-04	1.00E-04	1.00E-04	0.10440683	0.13067397
1.90320862	2.89853467	8.11527801	8.15953554	8.40946332	8.51307246
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67088901	1.8405584	1.00E-04	1.00E-04	1.00E-04	0.84948592
1.00E-04	1.00E-04	1.00E-04	0.53238302	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	0.91632913
1.04687204	1.00E-04	1.00E-04	1.65612904	1.02999998	1.21265581
4.86568674	4.4984806	4.11593528	3.97170043	3.81242936	3.86237835
2.10905713	1.4520149	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4620769	0.84355469	1.00E-04	1.75439386	1.25306145	0.68159288
4.23312266	4.1178708	4.46130946	4.44925857	4.14633842	4.08036999
4.70262359	4.3216706	4.7948199	5.21719488	5.0393039	4.78960821
4.1368508	3.98305344	7.04849689	7.49662	6.65647021	6.5940409
1.53753355	0.54115817	2.43462845	2.10861111	1.5620835	2.52211042
0.665055	1.00E-04	1.00E-04	0.76113877	1.00E-04	1.00E-04
4.88118859	4.94480539	4.66890269	4.98043413	4.95217116	5.13507917
1.96338253	1.24954835	1.00E-04	1.92378014	2.19908787	1.87264438
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35419377
1.00E-04	1.00E-04	1.00E-04	1.07683103	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3883143	1.00E-04
3.0189256	2.95375446	3.96256874	4.75815538	4.6626091	4.71641367
1.00E-04	0.59436393	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.30398049	4.32879823	4.4779484	4.01409522	4.03716995	4.19583301
1.23356632	0.92995371	1.40283744	2.39605126	2.19248346	1.99803752
3.90707306	3.72632777	3.42069718	3.67980508	3.87079492	3.8132184
2.5063963	2.64679097	3.5653322	3.75524258	0.62514953	0.93690874
1.3810611	1.38905929	1.00E-04	1.18135616	1.63279983	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.35924346	1.19627367	1.00E-04	1.00E-04	0.90359352	0.31839872
1.41043305	1.77933949	2.99678468	2.20949926	2.35475179	2.69815255
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37169722	1.85236273	1.52319676	2.45269626	2.41332466	2.56890848
2.73044885	1.99034643	1.88496008	3.08152518	3.51273861	3.8611689
4.89686349	4.60420005	5.10818987	5.43664768	5.18085297	5.24175423
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.69880314	2.7511474	3.56000031	3.28260702	3.45316323	3.19781094
3.19667422	2.9539346	2.71185632	3.35324213	2.67636562	3.54115798
4.32790508	4.15958705	3.50342721	4.08518756	3.96622656	4.27813398
2.33733602	2.59725249	2.20763883	2.43153838	2.47004603	2.87267317
1.23874844	0.52991195	2.37523392	1.1314409	2.21243922	0.80826433
4.17653465	4.07448397	3.2473284	3.61685046	3.90352221	4.06981543
3.86199661	3.74512299	3.71909281	3.28915293	3.57245703	3.52287342
4.49985042	4.04895289	4.34752481	4.26375177	4.58966655	4.35134087
1.45076656	1.3953383	2.26969129	1.87315306	2.18884883	1.45650426
1.00E-04	1.00E-04	1.00E-04	1.20373058	0.57459733	1.00E-04
1.00E-04	1.00E-04	1.11518827	0.60372301	1.50056432	1.29576126
1.00E-04	1.69799254	1.00E-04	1.00E-04	0.40155098	1.00E-04
2.2392902	1.49843482	1.74110187	2.85951562	2.88219669	3.08158281
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.25428292	1.17150769	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.43254455	3.55907869	2.63332074	3.49565242	4.05446624	4.42150767
1.42283104	0.57965788	1.00E-04	1.00E-04	0.32492211	0.75010822
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40109178	1.00E-04
4.26751661	4.30028252	4.99093364	5.36357217	4.90463977	5.13536318
1.33322326	2.03514274	1.00E-04	1.39937514	0.99519767	1.3968194
4.88516287	4.96733162	4.48483352	4.76060486	4.60570896	4.67531025
3.19822146	3.31203012	3.8344394	3.71824075	3.65386854	4.15652347
0.637654	1.82230663	2.63317632	2.08209381	2.38070264	2.30504445
0.78860226	1.22634343	1.00E-04	1.83613125	2.17378475	1.11984901
1.00E-04	1.00E-04	1.00E-04	0.9959914	1.00E-04	0.68333335
0.9083148	0.31765625	1.30789632	0.71307202	1.16451778	1.00E-04
3.5253629	3.70151216	4.19789882	3.66116262	4.08682929	4.66069052
3.62971875	2.88411824	3.8727108	3.60225769	3.73734815	3.56201586
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.19854362	5.20666534	5.42739922	5.2443334	5.15967689	5.18339542
1.94220668	2.93484354	1.7100959	2.36158285	2.45232952	2.27162049
0.69167046	0.30433976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.58580807	3.47714301	4.11847716	3.88248106	4.35291742	4.47856961
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30788028

1.42610747	2.07641938	1.01811585	0.39596165	1.49230671	2.31924711
2.21480375	1.89829345	5.71611702	5.92405802	5.81235113	5.69191311
5.63991541	5.47981704	5.77727899	5.51053083	5.57387122	5.46516997
1.99604341	2.7186521	2.41439412	1.16373716	1.00025265	2.21529934
4.84825472	5.01392518	4.37219365	4.63129567	4.54368254	4.83685008
2.3303533	2.84593511	2.55099252	1.92668449	1.38155568	1.97483974
3.14837792	3.06618792	2.54956279	3.36946974	3.3825362	3.42070347
1.00E-04	0.59374324	1.00E-04	1.00E-04	0.57479248	0.93127485
3.31481069	3.0578114	2.3102395	2.28271929	3.42943181	3.22283462
2.24738061	1.56992681	1.00E-04	1.99369384	2.42759411	1.90007424
4.33932648	4.30362033	3.83520177	4.09310344	4.23629612	4.32635159
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.98504875
1.00E-04	1.00E-04	1.52319676	1.00E-04	1.00E-04	1.00E-04
4.20895841	4.40777306	3.09880577	1.34421257	1.7456917	1.75625927
6.68011121	6.80087124	5.55936556	5.35759524	6.49133187	6.38073382
1.85036077	2.42289079	1.00E-04	1.42465305	1.00027964	2.1836198
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87938074	3.05677814	1.95366243	2.27506711	3.15506046	3.22020334
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36612447	1.00E-04
4.17258596	4.26082096	4.41828615	3.85427314	4.21944794	4.81147817
2.42646994	3.03455163	2.65323607	2.55937815	1.89094312	2.99306463
0.66023508	1.61145741	1.00E-04	1.11559709	1.00E-04	0.91412222
1.5816856	1.11372159	3.49193595	4.3154331	4.33936039	4.11407396
3.96982453	4.42016306	3.8345241	3.36798811	4.02971445	4.37272619
3.11713143	3.29406499	3.61707995	3.4795503	3.08576855	3.71803255
1.00E-04	1.00E-04	1.75472403	1.00E-04	1.00E-04	1.00E-04
1.05867554	1.00E-04	1.00E-04	0.50430847	0.4362065	1.25960487
3.82677499	3.95356658	3.33695461	2.968905	3.27286157	3.5404761
2.31431056	2.56286518	3.08653897	2.71584041	2.85812597	2.8468154
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05340649	1.72766455	2.79995215	2.28367869	2.63435283	2.51449702
4.23736328	3.63364149	4.78413175	4.8753847	4.90019412	5.02514981
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.88687068	2.92329117	1.00E-04	0.70892528	1.55948268	1.41530725
1.3502836	2.67203525	2.26867161	2.17021947	1.52493025	2.5985525
3.86087568	4.00880976	3.82598219	3.7029147	3.79847342	3.88242016
2.4546838	2.64638882	2.00743688	2.46759659	2.45187159	2.57890363

2.7607269	2.19362728	2.93947342	2.70842231	2.68070938	3.09335689
4.65564442	4.33449571	3.03747199	3.49275696	2.8158391	2.51623387
3.08642822	2.9321273	2.32527324	2.9093757	3.28626726	3.12281524
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44347704
1.26721501	1.00E-04	1.00E-04	1.06280464	0.47957636	0.19641509
1.39256103	0.72422562	1.00E-04	1.36651166	0.65801184	2.48720892
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
0.88764338	2.26752557	1.00E-04	0.99184318	1.18441047	0.24433588
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.3362078	1.99843334	1.00E-04	1.00E-04	0.49725216	1.00E-04
4.92335002	4.67159374	3.62594934	4.08472737	3.11400614	2.89141699
2.27318198	2.78295499	1.00E-04	0.14912336	0.59583959	1.00E-04
2.74507996	3.1235829	2.63963456	3.50368273	2.76918768	2.94862208
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43498289	0.93469681	1.00E-04	1.24552564	0.71065822	1.45858542
3.6341814	3.41855156	2.32331401	3.62795746	3.17690613	4.09848527
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50372535	1.8327329	2.03911791	2.76286082	2.74467638	2.76943397
3.62279029	3.9757285	2.6481907	4.2816439	4.06764227	4.27697123
4.00595722	3.88809875	3.33487766	3.4168793	4.27217503	4.12187566
2.06430027	2.3610011	2.60721467	3.28711109	2.5610125	3.29308777
1.00E-04	1.27757354	1.00E-04	1.65757531	0.81472082	1.3512297
5.07984701	5.02748979	4.60010724	5.41717321	5.11117167	5.11219509
4.03740065	3.63378699	4.46260519	3.80510978	3.48462293	3.83783481
2.76343047	1.62208197	3.90584481	3.55094682	3.33967009	3.74523641
2.58745326	2.70634559	1.00E-04	2.3323951	2.62010203	2.7850324
0.52885515	0.75333424	1.00E-04	1.00E-04	1.00E-04	1.42671764
1.49698492	2.4577179	4.07443517	4.06100854	4.09840917	4.46104198
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39923492	1.74609986	1.00E-04	2.08651071	2.33339648	2.7586209
1.11706236	0.36710226	4.8026955	5.4883369	4.22391905	3.948682
4.89590086	4.77383254	4.96100995	4.66715252	4.86069489	4.81576362
3.7581834	4.11508839	2.62144292	2.94634831	3.45947965	3.36992603
2.36187948	3.0640329	1.00E-04	1.706976	2.32349449	1.86155303
1.00E-04	1.42402212	1.00E-04	0.37082421	1.82989119	1.62007411
1.00E-04	0.92031514	4.10228899	3.45521303	2.30233508	1.37713117
1.22622167	0.96543361	1.00E-04	1.00E-04	1.00E-04	0.46873513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.23857558	5.23507883	5.35213062	5.53739747	5.68448611	5.72588455
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

4.00511696	4.06336221	4.01141912	4.13991347	4.3450135	4.29331851
2.44949111	2.34239129	2.67967932	2.90696602	3.04073308	2.62864494
5.34768625	5.26394191	5.24888869	5.6002939	5.52753457	5.50683608
4.02411374	4.05433746	4.08673561	3.72377025	4.02761472	4.15928981
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3.94172013	4.09567757	5.25518799	5.02891959	5.42512667	5.75539858
3.77731364	3.93283136	2.91380304	3.30412426	4.19321446	4.23872421
1.00E-04	1.00E-04	1.00E-04	0.84212428	0.97969908	1.00E-04
1.86307796	1.59861049	1.00E-04	1.01443162	0.33848153	1.00E-04
5.02526255	4.92729469	5.06216603	5.20022607	5.0614093	4.7793664
3.12893056	2.98005885	4.36537645	3.90648581	3.63085214	3.0876078
2.23742672	2.35276092	2.86859675	3.15469592	3.26627185	2.84041744
1.00E-04	0.43809141	1.30789632	1.67105379	1.92785418	1.12751501
1.5591737	1.91334373	3.11443451	2.45782056	3.17159563	2.84556968
2.19379576	1.71619301	1.00E-04	1.93787718	2.01804115	0.55462776
1.00E-04	0.51466394	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.12141927	1.99367639	5.33465627	4.75603621	6.10185764	6.19270953
3.77141864	3.22364344	1.00E-04	3.35782365	3.46437987	1.81864669
4.63213229	4.73375	4.23911059	4.37606477	5.29415439	5.20682222
2.6739557	1.77553547	1.00E-04	1.31496492	2.63543521	1.87638096
5.24844556	4.92467405	5.0605005	4.95208451	6.35459441	6.16061065
2.24326604	2.47452777	1.11518827	2.32152204	2.17912454	2.42173288
2.31923972	1.71985809	1.00E-04	1.46699979	1.32881377	2.16284041
1.91228564	1.23804102	1.42763756	0.93398225	0.95682675	1.11910424
4.28170407	4.2358786	4.32171164	4.17673724	4.31996043	4.20555218
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.81978678	3.58758617	3.94595304	3.6712055	3.72892987	4.20307619
3.71656271	3.74857217	5.73284274	5.66542033	5.58415216	5.57385434
2.75505902	2.91772717	1.01811585	2.74994595	3.11187404	2.8311654
3.2806732	3.11451683	1.42763756	2.47750033	2.57578226	2.62943815
4.91098153	4.91217896	4.36573075	4.66812079	5.14237859	5.19749525
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.71338284	3.78439053	3.33512248	2.95094112	3.99224401	3.82928307
3.68588945	3.53790252	4.18225005	3.63123106	3.61543096	3.00010052
3.1966214	3.64724926	3.67333229	3.55298364	3.83438498	3.82043033
2.90711535	3.24727615	3.30083716	2.5562894	3.1858719	3.36258375
1.75048738	1.63941139	1.00E-04	1.80076417	1.87847916	1.65379958
4.62530475	4.48681267	4.72088094	4.73531328	4.55977999	4.6116478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17649229	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.9833416	0.4362065	1.20527357
0.9105141	1.69487359	1.00E-04	0.55176112	1.00103471	0.83508919

0.27093267	0.56456051	1.00E-04	1.00E-04	0.49725216	0.83087278
3.96510274	3.83755939	5.00488536	5.52059837	4.94197332	4.98920727
0.71720198	0.53687768	1.00E-04	0.54676642	1.00E-04	1.00E-04
3.97900196	4.11263882	4.57795933	3.96791502	3.77177182	3.85691805
1.59760898	1.93451625	1.00E-04	4.06403006	2.52183628	2.98279573
5.52661484	5.37134086	4.79959334	4.88121118	4.78814625	4.91127295
2.81122213	3.3665626	2.30618492	2.98246997	3.08068241	2.7905268
4.70468278	4.09062794	5.11057455	5.37332426	5.07396296	4.84807878
2.35347891	2.79914212	1.00E-04	3.31371979	2.90301983	2.62671987
1.00E-04	1.11152371	1.84117224	3.73911196	3.28609546	3.2445301
2.65704429	2.77366624	2.5525622	2.94303488	3.36536466	3.41714195
3.67628017	3.35430923	1.00E-04	2.65725062	2.6123577	2.53981493
2.87138141	2.46235373	3.22659661	3.46300608	3.91385459	4.13016152
3.49091242	3.79685223	3.84326055	3.91353087	3.33528558	3.5948569
1.00E-04	1.00E-04	1.00E-04	0.66574538	1.00E-04	1.00E-04
0.58345775	0.7149552	2.36641186	1.71768155	0.53242758	0.57691471
1.11193429	1.81183403	2.26969129	1.37977254	1.54776561	1.08572925
4.21065535	4.09482786	3.17394675	3.6810632	4.45364292	4.09025272
5.02939541	4.62963371	4.0456299	4.62035479	5.30612932	5.10513767
4.54869699	4.59817739	4.87613925	4.5612685	5.55773634	5.53789026
2.40659883	1.57464799	2.56129727	2.76767526	3.92883331	3.73034659
0.73425373	1.00269796	1.00E-04	1.00E-04	1.00E-04	0.53800788
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	1.00E-04
1.88958989	2.12502677	1.28609943	2.3848787	2.0055745	2.09273001
2.38682052	0.88920331	1.00E-04	0.43961201	2.6572116	0.74523677
3.48624848	3.01728611	2.82888587	3.03382503	3.63556672	3.06250986
2.96921538	2.85368591	3.88662699	2.19679311	2.20983413	2.52302047
2.87986358	2.68430707	1.00E-04	2.56667373	3.78782936	2.99348701
2.4206619	2.76866064	1.30789632	2.51912627	2.48186621	2.54556541
4.84347213	4.31664887	4.87572212	4.65220163	4.91856492	5.06000643
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35419377
3.69527564	4.55392843	1.00E-04	1.00E-04	0.24021141	1.00E-04
4.09392954	3.99816256	2.1345618	2.62665568	4.06519642	3.76961003
1.40165684	1.00E-04	3.52760875	2.39285776	1.86952621	1.36333346
1.00E-04	1.68282029	5.64397417	6.08276861	5.60116337	5.83103951
1.60697076	2.23682413	4.4349946	4.04323209	4.20175421	4.04851987
2.41223214	2.45523306	1.00E-04	2.0121823	1.97718304	2.28927099
1.81506964	2.7646378	2.7651815	1.24235812	2.28706449	2.18686071
1.00E-04	1.00E-04	1.00E-04	0.93995654	1.31306603	0.29591257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.24075615	1.00E-04	1.00E-04	1.34999869	0.94638224
2.228894	2.47179211	4.98183805	5.16921972	4.95489278	5.0937472

1.01751635	1.99852392	1.42763756	3.34646522	3.23732494	3.05962226
1.07809362	1.68815372	1.00E-04	1.29864563	2.26729826	2.53791882
1.77691325	1.58934052	2.26892727	1.31142209	2.66336802	1.61072559
4.59064783	4.6611885	4.91801085	5.03247813	4.74642993	4.58028812
4.39477405	3.92880554	3.85887923	4.29916662	4.28222654	4.12541305
5.5629743	5.34459668	5.32079435	5.29529223	5.32896528	5.3423755
4.45538147	4.45320984	4.86603667	4.59942331	4.67879757	4.86405951
3.0317568	2.88676402	2.50411207	2.9979427	1.81666127	2.94356377
4.89058204	4.91363859	4.93014856	5.05532027	5.05144216	5.11123711
2.86550592	2.41600527	2.20756886	2.51850393	2.58946176	2.84690271
2.70063075	2.36187804	3.00713955	3.13908711	3.16886254	3.58558156
4.27538927	4.21405316	3.82949548	3.32699279	4.24781894	4.09362686
2.87091347	2.80128009	1.00E-04	2.55214572	2.65216525	2.77976181
5.45749331	5.43027055	5.88565159	6.04195536	5.9102357	5.93115925
1.00E-04	1.00E-04	1.00E-04	2.11306957	2.3030748	1.39418259
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.24226355	4.45524618	4.11665652	3.94782543	4.51838822	4.49408855
3.82012977	3.4895498	3.41388752	3.98415002	3.2726889	3.52475059
3.88114998	3.93481666	3.68392173	3.75218567	4.1878806	3.99727487
4.99209604	4.73494583	4.70292043	5.05729193	4.87258675	5.02541877
4.05940883	4.13797948	4.21543595	3.93758789	4.3660631	4.27983263
4.86624279	4.71170289	5.07130562	4.72851109	4.36781769	4.67751013
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.16444544	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47854673	1.06263665	1.62929637	1.7204908	1.57271505	2.46243474
0.25942914	1.00E-04	1.00E-04	0.29016598	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.21989058	0.15700548	1.00E-04
0.51477986	0.4932192	2.10092533	0.79512331	2.54522984	0.63795266
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.45633753	3.04216878	2.48311254	2.80961277	3.92591846	3.62058622
2.46216374	0.6377961	1.40283744	1.73263675	1.88810494	1.51825082
1.00197898	1.00E-04	1.00E-04	0.80091445	1.07809466	1.00E-04
1.00E-04	0.94658676	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.21378117	1.27223192	1.00E-04	2.63319881	3.08088717	1.42458919
1.71614186	1.00E-04	1.00E-04	1.00E-04	1.31241663	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.69648077	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32900361
0.85212184	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41730318	2.60409382	1.00E-04	1.1233493	0.96693206	0.50056706
1.77228448	2.75623133	1.00E-04	1.00E-04	1.00E-04	1.44439841

2.13461558	1.40817227	1.00E-04	1.00E-04	0.49149886	0.91866851
1.64942886	0.43785363	1.38754516	1.70509494	1.53153487	1.78068789
3.72141018	3.76538378	2.24795392	3.56801535	3.25446796	3.10861095
0.49134585	1.68857314	1.74110187	1.14346604	1.00879799	0.45304823
1.50733329	1.86633581	2.94772327	2.57836818	1.57339434	1.95372131
1.85570192	1.52449262	1.83013888	2.38935343	2.0040203	1.83287308
0.33863567	1.00E-04	1.00E-04	0.74768295	0.5843191	0.26760818
0.99110499	1.24738173	1.00E-04	1.00E-04	1.00E-04	0.66710707
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56837445	3.10611853	2.85430623	3.00710231	2.8272679	2.69588381
1.00E-04	1.00E-04	1.00E-04	0.61790071	1.00E-04	1.00E-04
3.42249814	3.60918563	2.33119748	3.47828966	3.4823529	3.68667374
0.23886217	1.72253988	2.60541333	2.35139276	2.35462847	2.95009395
2.8251537	3.11343074	1.00E-04	2.1729448	2.73173017	3.32096831
4.17114795	4.01729603	1.11518827	2.68836066	3.59530447	3.37699987
3.53386761	3.70176539	3.1959494	3.17891886	3.35644457	4.24661617
2.19244246	2.4206864	2.46099858	1.53271953	1.98940597	2.5373986
1.28552601	1.64361309	1.00E-04	0.44255638	1.71008891	2.16219876
2.9593865	2.60801521	3.06928383	2.88183291	3.73605928	3.30271273
4.5427523	4.1590136	4.65776606	4.7393292	4.36082044	4.28330975
1.30625544	1.80004831	1.00E-04	0.45991406	1.00649464	1.45376198
4.2103145	3.77169301	3.18020597	4.52419111	4.45690978	4.38237211
1.33901339	1.76091281	3.4271744	3.52555566	3.72740553	3.77151604
3.89317593	4.14103127	3.49565317	3.0097137	4.11669516	3.76915912
3.07738082	3.17814914	1.84960269	2.52684724	3.31194963	2.57428655
2.21390024	2.69438728	4.9887345	5.02640533	4.93151812	5.18016023
5.49608136	5.45908197	3.68000472	3.46804219	3.29058007	3.4275913
1.00E-04	1.00E-04	1.11518827	0.95537362	1.00E-04	1.00E-04
2.53739619	2.72920558	1.11518827	2.12864742	2.14659228	2.85827891
2.08263126	1.06017075	1.00E-04	1.00E-04	2.11736952	0.69553839
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.666325	4.86274636	4.36933786	4.52582921	4.63059926	4.44285168
2.66238306	2.80475225	2.70496317	0.91640475	2.06155445	1.99885568
0.35811479	1.00E-04	1.00E-04	0.74310137	1.24518256	1.42532661
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.24575604	0.86532772	2.09138577
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.9602151	1.00E-04	1.21989058	0.90216757	0.9089619
4.28144708	4.08732429	4.13226457	4.91314571	5.33701432	5.27328937
1.00E-04	0.99099688	1.01811585	0.76506038	0.46276754	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.61419632	1.00E-04	1.00E-04	0.50118162	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11193429	1.00E-04	1.00E-04	0.78559119	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48063511
1.00E-04	1.00E-04	2.55170999	1.00E-04	1.00E-04	1.00E-04
0.96771737	1.62977755	3.02133958	3.16089785	3.56146962	3.31533838
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.06790424	1.00E-04	1.00E-04	1.00E-04	0.8818268
1.82500877	0.83619698	3.98351656	3.79233687	3.53353098	3.64616185
0.76114176	1.00E-04	1.00E-04	1.00E-04	1.20186394	0.72572147
1.00E-04	1.00E-04	1.00E-04	0.71307202	1.00E-04	1.00E-04
1.79121781	1.39720781	1.00E-04	0.68902433	0.8358326	0.74286646
1.63836501	2.09530683	1.38754516	1.81300181	1.72426975	1.85749177
1.41575789	0.68604571	3.03370802	1.9210482	0.94645668	1.34982169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.00E-04
1.94462198	2.13242036	1.00E-04	1.16980785	1.0673977	1.01804444
1.0125647	2.09288968	1.00E-04	0.70120444	0.58408879	0.48063511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.78559119	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03831474	1.82407644	2.96297022	1.4931302	2.05561866	2.32906029
0.09292159	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70809814	1.43260719	1.00E-04	0.53238302	1.21841809	1.06164822
4.7413758	4.88929338	4.3710002	3.78434263	4.20210501	4.55414489
3.27459314	3.13887168	1.01811585	2.4075774	2.39571939	2.2406379
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.81543519	3.78486265	4.07227599	3.99077406	4.67449605	4.17086413
5.60599223	5.60060647	5.70280251	5.32506112	5.16485124	5.47656389
2.73386574	2.65747098	2.27520886	2.72812839	3.41870947	3.40400414
2.89858283	2.4093925	5.20899592	5.06932025	5.30873125	5.19923608
3.53925971	3.75249853	1.75472403	1.38992717	1.46248777	2.40441705
5.49660489	5.49549133	4.47484473	3.97819781	4.264097	4.07469048
0.15907666	0.5280252	1.00E-04	1.00E-04	0.88821257	1.3169859
3.46135962	3.54010948	3.32387925	3.47324009	3.80160847	3.64737367
3.79640933	3.6991396	2.17960172	2.62047637	3.69861612	3.4727445
3.89336386	3.92092546	5.55850274	5.71160222	5.63071519	5.55783956
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
0.86001731	2.55435402	4.0967081	4.88897511	3.09732085	3.02908455
3.42416049	2.59642391	1.72441395	3.46048197	3.62108277	3.02586244
1.70532165	0.8876832	2.08359672	2.79353531	2.36739199	3.12759274
2.84620273	3.63056907	4.38268095	4.26716447	5.30062046	5.32671571
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62998669	1.00E-04
0.77467472	0.92253755	1.00E-04	3.02099166	0.86189511	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21145782	1.00E-04	1.00E-04	1.17303461	0.83840351	1.00E-04
4.09765556	4.27351243	3.4560148	3.43664222	4.16684285	3.91491334
3.62065995	3.92303099	3.63941946	3.98266932	4.05378776	4.27760369
0.64140133	0.87030689	1.00E-04	1.02773438	0.9693023	1.50560431
2.71351334	2.87667599	1.91181319	2.88735292	3.03347388	3.08668826
2.61615251	3.02681812	1.06844428	2.72536693	3.54579615	3.59806828
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9230346	1.00E-04	1.00E-04	0.55976379	1.00E-04	1.00E-04
3.69328335	4.024918	4.20577759	3.65081511	4.0768996	3.89934644
4.2932351	4.20411474	4.35035424	4.14734249	4.19794523	4.39615586
2.96962803	3.17606924	6.04955802	6.45680621	6.27941233	6.14786273
4.78369343	3.97725644	2.84444704	1.00E-04	2.67139881	0.67305412
3.04030789	2.89583971	3.36320382	3.21819532	2.81893083	2.90535795
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66287107	3.19540836	2.51659197	2.80016505	2.93340646	3.08975872
4.66371251	4.48362667	4.47978246	4.71238404	4.59124358	5.024592
1.97186237	2.09562687	2.10092533	1.58243158	1.9676959	2.64256544
1.00E-04	1.00E-04	1.00E-04	1.10094567	0.33004234	1.00E-04
2.64368267	2.955629	2.81982312	2.87768996	3.03863228	2.6232245
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.12344964	4.230589	3.80704423	3.67877057	4.05531184	4.1958073
4.55954784	4.79770107	4.27652467	4.24935716	4.54572304	4.64644069
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.58407165	3.27955909	2.70673846	3.17699472	3.44683447	3.20455942
2.09507705	2.39486841	2.49071003	2.00430519	2.42040113	3.26786442
4.78452371	4.53434817	3.90499299	3.46747816	5.33220684	4.8643685
2.73825722	2.8080445	1.00E-04	0.44891413	1.00E-04	0.15671146
0.68502327	1.78650705	2.11608743	0.6391028	0.63771785	1.38505031
2.60093392	2.50985053	2.11240966	2.63806756	4.0425753	3.88446961
3.92540296	3.79413641	2.63702572	3.63008051	3.98640653	4.03792353
2.7820933	3.22368821	1.00E-04	2.48154402	2.83017693	3.41786838
2.84057491	2.91454566	1.00E-04	2.3244956	1.90398245	2.94301308
2.73134652	2.69192657	1.28316224	3.0340477	3.07910681	3.2856448
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.6116159	4.5352216	4.23340364	4.6628186	4.40916302	4.55355461
5.04235314	4.8296554	4.85545251	4.60938505	4.87714376	5.10470672
2.84224821	2.99534613	3.92108693	3.20169647	3.07608612	3.47575011
2.46497265	3.07790446	2.8591144	2.73758659	2.88426405	3.51257403
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59150175	2.95861392	2.0270781	2.21368793	1.99167331	2.50423562
2.97898348	3.17197582	3.08142092	2.94939011	3.20193396	3.39682256
3.02312616	2.91909113	2.4848465	1.55570263	2.12468562	2.71811593

3.15226279	2.26862263	2.79486418	3.24331313	2.89942863	2.35295765
2.33305003	2.87970719	3.38869416	2.75729485	3.04171087	3.22616964
1.64593396	1.55312075	1.00E-04	2.4315946	1.25620597	1.79424664
5.28710511	5.1417982	4.75941459	5.23202191	5.12415666	5.28766309
4.9621976	4.82675622	5.29667633	5.2921034	5.25836362	5.4192007
4.34053014	4.66273622	2.96333617	4.11011552	4.21831665	4.8012981
4.03283437	4.09183856	3.38535314	4.28726367	4.28836647	4.15791723
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10444189	2.85646513	2.96303135	2.99996757	3.30708707	3.36839995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39118288	2.22613685	3.5410992	3.50354626	3.45221901	3.4576171
0.81459998	1.12102924	4.26947501	3.87158508	3.97018526	4.12646879
0.73897369	0.69998006	1.38754516	0.58468642	1.00E-04	0.52220848
1.00E-04	1.5998396	1.00E-04	1.31358627	0.80085153	1.11272552
0.43243323	1.00E-04	1.00E-04	1.00821184	0.17279347	1.00E-04
0.58826351	1.79228066	1.42763756	0.96008477	1.90895581	1.37374856
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.83744577	1.00E-04	0.93538435	0.8832447	0.73194362
1.01956372	1.00060721	1.06844428	0.54938023	1.5881324	2.01116095
1.90293098	2.16702783	2.00743688	1.1103124	1.62113353	2.02126107
1.00E-04	1.29343826	1.00E-04	1.00E-04	2.83938499	3.86542692
1.51486937	2.2809036	1.00E-04	3.00972161	2.96519368	1.97563435
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.9075754	0.58033348	1.00E-04	1.43571199	1.23587715	1.82530597
1.00E-04	1.1006549	1.00E-04	1.41304974	1.39438418	1.14388511
3.552118	3.76343667	3.65553305	3.44821703	3.68626636	3.46488781
1.00E-04	1.00E-04	2.7988889	1.00E-04	0.42367223	1.00E-04
4.59804084	4.50427946	4.45444621	4.67498302	4.83277971	4.81139969
3.16794802	3.11548661	2.93920169	3.61203855	3.28019585	3.27593723
4.21511083	4.51903326	4.215552	4.20467448	4.23713305	4.5510155
3.0494093	2.81400946	1.06844428	2.80707989	2.85703911	3.08783693
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37686018	1.5440133	1.28316224	1.00E-04	0.76346948	1.44958293
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.73310942	1.00E-04
3.1719147	3.87482393	4.06588819	2.8456633	3.28445394	3.97924779
2.86076595	3.01157698	3.57757379	3.224731	2.48500979	2.63999907
3.59401517	3.58104169	2.8203301	2.77341731	3.9197706	3.87412527
3.9705456	3.94041651	3.60878561	3.60362528	4.42593298	4.44327992
3.31400147	3.87352051	4.27093526	4.73956747	4.63976839	4.65317355
2.80502421	2.57063624	2.99417806	2.45482633	2.16725494	2.11757548
3.50022291	3.70639426	2.81514738	3.74436911	3.77538718	3.58937828
2.86338006	3.49077475	2.62078151	2.28597824	3.20825149	2.19688358

3.63217988	3.95714376	4.04032754	3.56927787	3.83240318	3.79727003
3.48914389	3.74684123	2.66538346	3.77799954	3.34296804	3.7278963
2.13914553	1.68631312	1.00E-04	2.48001426	1.15811182	1.68505755
3.75671628	3.68352234	4.38259682	4.07726186	3.61537244	4.25241302
3.47269	3.16372727	3.12583364	3.14340764	2.8635466	3.24452696
1.00E-04	1.00E-04	1.00E-04	1.23877657	1.00E-04	1.00E-04
3.49807262	3.23148338	2.9511385	2.14833399	3.52837867	3.52794728
2.37349331	2.62600189	2.03930427	2.47890107	3.0433589	2.92902819
1.12122112	1.3121182	2.96178405	1.00E-04	1.1370789	0.94306782
2.22231204	2.22662707	3.63292145	3.33131778	3.47857996	3.90640062
3.87681184	4.04777493	3.74121248	3.60039473	4.14271206	4.22041115
2.4660895	2.72790624	2.19528676	2.78444713	3.24597946	3.27692505
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17649229	1.00E-04
4.16234585	4.04293721	4.83365708	4.80519864	5.02536679	4.99173098
4.22590867	4.18971465	4.18092355	3.65096837	3.62683884	3.96221382
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.57558823	0.23269493	0.41953258
4.28358503	4.22778823	4.18007966	4.38805433	4.34126392	4.32703942
4.2926831	3.84789986	4.20269124	3.97017312	3.77552588	4.07428084
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19191379	1.00E-04
1.00E-04	0.5780606	1.00E-04	1.00E-04	1.00E-04	0.53800788
4.40022465	4.14268327	2.85042432	3.33416698	4.36941144	4.19710013
1.00E-04	0.67399315	1.38754516	1.83523553	2.00964676	0.93465997
0.32831434	0.57217101	1.00E-04	1.00E-04	2.03476326	0.8007554
3.79087451	3.62623909	2.4548613	2.88398671	4.28739495	3.91579239
3.66690125	4.08820859	1.00E-04	0.71764207	2.10168801	1.83990746
3.97485311	3.72151294	3.6858694	3.59102527	3.46140043	3.74915927
4.70472509	4.5042627	4.76819629	4.90263697	4.4792067	4.36218188
1.45999594	2.19474777	1.00E-04	0.63321171	0.62744314	1.03218544
5.75597769	5.84870389	5.73795454	5.59841826	5.71746679	6.09214173
4.60469483	4.58409343	3.26412855	3.96507897	4.06707803	4.08377598
3.30281683	2.9540256	3.39993814	3.05398787	3.2362176	3.23101989
1.87658651	2.70476888	2.36072032	2.09931878	2.54459024	2.700968
4.51052782	4.56708199	4.3382201	4.63986077	4.24348823	4.33628963
3.76988016	3.66072698	3.75052482	3.21277823	3.18320142	3.34314449
4.67018372	4.75887425	4.2483096	4.72668737	4.56298577	4.39607828
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17279347	1.00E-04
3.51061841	3.51577771	3.48516095	3.23716207	3.54425922	4.21479225
1.01284657	1.45980278	1.00E-04	0.74238215	1.52948046	1.55210189
3.6375493	3.60455462	3.95390018	4.3909291	4.32529498	4.56073921
4.94218106	4.68173148	3.55178668	4.02851575	4.68282745	4.46206053
4.20015946	4.29995451	4.02373171	4.0599803	4.30463253	4.66692883

5.58615425	5.24132249	5.48649189	5.90396635	5.4263005	5.05851286
4.84505388	4.79758769	4.19759187	4.43352295	5.28938817	4.74675309
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15671146
2.12482718	2.25832396	1.75318857	2.74172583	2.67278615	2.7490284
3.89973535	4.36616195	4.1379087	4.0915968	4.12932773	4.47496806
1.00E-04	1.23659422	1.00E-04	1.00E-04	0.26654268	1.00E-04
5.10616251	5.02745342	4.36064032	4.68209962	4.60934392	4.63054214
2.76845587	3.2139966	2.81474817	2.90599622	2.88081407	2.33257759
2.5963936	2.30589426	3.11277361	2.83858437	3.26817745	3.72010547
6.33351008	6.19136187	5.87616129	6.28477811	6.15904004	6.04829577
4.46772854	4.47392559	4.32641405	4.05471227	4.44865184	4.50046663
2.41270318	1.60419795	1.11518827	1.87941103	2.28125544	2.76183331
3.47728351	3.58346418	3.91505297	3.71874013	3.28736537	3.61874796
3.8023224	3.93068946	4.06801676	3.62566746	3.82539558	3.65691938
2.78181035	2.39131973	1.94749921	2.69400404	3.03456129	3.08243076
3.95981147	3.9480904	4.47712343	6.22835795	4.67185268	4.82994707
2.90484263	3.0670904	1.28316224	3.10915471	3.2567979	3.82745046
4.98491925	5.19328616	4.48904713	4.74038094	4.41480478	4.67007357
3.64835024	3.43741386	2.74448482	5.19593402	3.54983588	3.76588879
4.02436245	3.89200212	3.91573862	5.57694705	4.31325813	4.57360493
2.44076969	2.93236283	1.52319676	2.9534607	2.91946629	2.4873262
4.28940558	4.32423772	4.4951923	3.81751575	4.15258224	4.44090504
1.97366454	1.42300281	3.16682421	0.97780916	1.73257328	2.06563917
2.11799003	2.76045201	1.00E-04	2.41463266	2.93925374	2.32853666
3.44443301	3.3691181	1.99016435	2.77317776	3.14485489	3.26743687
3.73008918	4.0955371	3.65587781	3.17919282	3.3927742	3.73709178
2.1733248	1.53393444	3.19767653	2.99300682	3.39001734	3.37071493
0.80221069	0.45118201	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31681531	3.76053683	1.01811585	2.58661618	2.38765333	2.48139638
1.55431695	1.72924028	1.78801416	1.26088977	0.89853382	0.60321361
4.77159507	5.06950428	4.55588004	4.29098018	4.42474963	4.38257307
2.56174027	2.88649521	3.53685311	2.76764938	3.05693848	2.88094491
5.2479385	5.06812732	5.56742095	5.56149841	5.27256073	5.49126174
5.67126892	5.5037552	6.43126862	6.52791916	6.31342209	6.49675488

2.83005292	3.54786462	1.85579326	2.72436933	2.88682856	2.7886744
1.00E-04	0.8829895	1.00E-04	0.24575289	0.18229203	1.00E-04
1.00E-04	0.34385176	1.00E-04	1.59777501	0.48858065	1.66353436
3.41691513	3.77675661	3.06400467	3.69201406	3.27289307	3.50113903
3.95056947	4.00915002	4.7868264	4.59836566	4.91059823	4.70958029
6.49984289	6.06614097	6.54135268	6.78731947	6.27378264	5.93537443
2.78310981	3.43196225	3.11293949	3.00264521	3.43166159	3.63840725
5.39983158	5.21912628	6.43285701	6.72273998	6.75241407	6.98333025
3.91648247	4.27441582	5.36320838	5.14309587	5.25089129	4.96200474
0.45859847	1.00E-04	1.00E-04	1.00E-04	1.40409459	0.65519325
4.25810743	4.53915656	4.32831139	4.48471947	4.52672878	4.81551781
2.56501483	2.17461326	1.74894376	2.3679956	2.12544026	2.23455518
3.88091327	4.38593255	3.1951028	3.46633283	3.67174213	4.14115597
0.44102711	1.00E-04	1.00E-04	1.00E-04	0.95757605	1.00E-04
0.88011859	1.00E-04	1.00E-04	1.18717015	0.5909105	0.85278439
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.19261377	1.00E-04
3.94238631	3.87646624	2.56273919	3.78778968	3.85037336	3.53036148
0.50540032	0.87941581	1.00E-04	1.00E-04	0.38154016	0.57696471
1.00E-04	0.59418646	1.00E-04	1.00E-04	0.08158092	0.20628126
2.60195056	2.85351009	4.93650576	5.20196878	4.36616652	4.75096322
4.23281022	3.87708477	4.23228098	4.48205094	3.96603714	4.46387457
4.29953249	3.99644054	3.69884854	4.30846993	4.24250927	4.02077174
3.44893653	3.72752243	2.59166886	2.99219796	3.29640346	3.2572132
1.72963423	1.20546631	1.54304638	1.00E-04	1.75768976	2.25906653
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17314417	2.03606716	2.64402785	3.47176089	3.49287257	3.23122436
3.97979054	4.07115329	3.63963595	3.27820634	3.92206205	3.7674741
1.99469132	2.39536744	1.27996271	2.532276	2.12608866	2.38809244
2.04468087	2.04268569	1.00E-04	2.02437756	1.51996227	0.5805887
2.97023717	2.74363679	2.60179073	2.16131811	3.27898484	3.21114841
2.72272476	3.28859687	3.12895553	3.67237004	3.44818258	3.78335974
3.12981979	3.13879739	1.00E-04	2.70774796	2.71636499	3.33892571
2.08751733	2.0458868	1.28316224	2.09208049	2.30914233	2.23857571
1.03344218	1.48250017	1.00E-04	1.03206031	1.18653465	1.08228645
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30047008
4.34095316	4.10798109	4.54086429	4.75222553	4.35009763	4.60658591
1.08434774	1.1391605	1.00E-04	1.00E-04	0.13427639	0.59716818
1.00E-04	1.02424798	1.00E-04	1.00E-04	0.61253761	1.00E-04
3.28477159	2.60550553	3.69334158	3.07266401	2.96370553	3.04515477
4.12181897	4.24223834	3.30809972	3.0541561	2.60447179	2.97166171
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42757985	1.00E-04
4.88049955	4.65413883	3.91262371	4.39062546	3.90360376	3.84495911
3.15947779	2.62050844	1.91285577	2.64068135	2.72064623	2.84219512

0.64984458	1.10769658	2.46817028	3.26661489	3.16902329	3.10151625
4.07943741	3.60913536	1.28316224	4.23445988	4.17968617	4.23681834
1.00E-04	0.45495213	1.00E-04	1.00E-04	0.57479248	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41612994	1.00E-04
0.81589088	0.96059165	2.26855529	0.87036888	1.80445695	2.04114263
4.39985044	4.40565629	4.69386784	4.69049029	4.59978785	4.76039759
4.27595539	4.28623504	4.7483369	4.61259149	5.19820576	5.32987363
3.88852087	4.2071667	3.49239221	3.35013898	3.37226916	3.60917694
3.01007871	2.90095528	3.99624303	3.73149495	3.66896177	4.14008069
1.96648789	1.59240197	1.96479434	0.45991406	2.00285938	1.94871546
3.6776997	3.75985112	3.28926351	3.46282184	3.69607709	3.31609155
0.81863726	1.95964418	2.42921934	2.47793306	2.76046339	3.29966603
1.43603393	1.12682702	1.74110187	0.69241499	1.12338568	0.89394449
1.65462825	1.58335132	1.00E-04	1.20378326	1.98608866	2.02171029
1.06784796	1.00E-04	1.00E-04	1.0353593	0.26654268	1.62966559
1.89415776	2.09094741	2.39797102	2.39002051	2.38079468	2.8464652
2.97816172	2.5368534	2.74097266	3.11101892	3.24651766	3.42565363
2.92565196	2.97153116	1.40283744	2.69886095	3.27641716	3.37113183
1.9668535	1.88697678	1.00E-04	1.68838657	1.77156203	2.07358988
1.30234625	0.70632444	1.00E-04	1.04669851	1.09843424	2.15492392
1.71437024	1.4372861	1.00E-04	1.00E-04	0.31853502	1.00E-04
1.00E-04	1.00E-04	1.74110187	0.71307202	0.71792068	2.66027275
4.03440849	3.83954752	3.6871677	3.77299598	3.35026884	3.40155719
0.74114016	1.34784597	1.00E-04	0.14912336	1.14375757	1.98615544
2.5068317	2.5848946	1.00E-04	1.00E-04	0.91375955	1.38529309
1.47824619	1.30839497	1.75472403	0.99426224	2.24967916	1.43601828
4.63431195	4.83085538	5.4449208	5.38814206	5.99024783	5.93481392
3.84526609	4.090209	3.93102303	3.99190501	3.99070933	4.0102129
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43243323	1.36546414	4.04930291	4.10396257	3.77532264	4.40277092
4.62693279	4.62631381	4.95604532	5.06189653	5.30485887	5.22500509
1.98182258	1.4031927	1.00E-04	1.94995818	1.90844568	2.60451533
4.08220154	4.17047915	4.18220143	3.91532697	3.85133987	4.15403193
1.92235932	2.37297662	3.22794546	2.84671322	2.18389839	3.06383635
3.86701274	4.24453349	4.18047102	3.87231784	4.09465159	4.19671057
3.32749903	3.52105807	2.68849386	3.81781315	3.55246932	3.62252442
2.78334498	3.43750258	2.80172803	2.47676309	3.14168895	3.34225963
2.16507648	2.52939127	1.00E-04	2.00217694	1.4837802	2.07187023
1.86193032	1.88440037	2.03930427	1.81661256	2.81983027	2.99127844
3.12228056	3.23313849	2.50083033	3.40671736	2.83673787	3.34434521
4.93572889	5.21589796	4.61468253	4.61259417	4.80564846	4.99188945
2.7556454	3.07067612	3.58539851	3.55327637	3.41784273	3.71668813
3.17197311	3.63048442	2.95429271	2.8384086	3.31910206	3.06919725

3.13272493	3.2108037	3.12401525	3.30869826	2.71161692	2.9161818
2.97514456	2.83902557	3.22560055	2.95798778	3.09268742	3.31057639
2.79022973	2.59765744	1.28609943	4.40788359	2.88484841	3.10275847
4.084816	3.82011998	4.1320801	3.36104469	3.66967084	3.86741591
4.9575258	5.07181224	4.78493229	4.68778762	4.59725952	4.75950769
4.01184096	3.60124285	3.92007786	3.76609329	3.96075588	3.8651661
5.77877902	5.80147939	5.29740039	5.42068848	5.44784195	5.52255779
5.76261089	5.66049726	4.5054401	5.44625622	5.29519695	5.14291524
0.5929689	1.23971109	1.00E-04	2.33906283	2.36266207	1.23318769
4.49948854	4.35579562	4.2553334	4.54296578	4.32260237	4.73976195
4.39644081	4.4455102	4.47790539	4.33491074	4.4694706	4.42556689
3.09560706	3.19510295	3.12307363	2.33115894	3.01620378	2.22284313
0.97707731	0.37215976	1.00E-04	1.00E-04	0.22206006	0.40702673
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.12314824	4.4703785	4.82013317	4.48753472	4.17812036	4.3721731
5.4448849	5.55872659	5.07887541	5.77258978	5.67587854	5.64760815
1.05854944	1.90141116	3.46651481	4.10551788	3.52500314	3.52118146
5.35163543	5.09309426	2.81239203	2.93113225	3.37025745	3.14294176
1.00E-04	1.07753251	1.00E-04	0.46085181	0.80295674	0.28509766
0.54975373	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14485168
2.93181089	2.83030124	2.92947123	3.32677598	2.5683265	2.94670165
1.00E-04	0.32854769	1.00E-04	0.4266763	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39392782	1.00E-04	1.01811585	1.10981353	1.07122309	0.72778244
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.01299106	2.78074685	3.07742498	2.99932811	2.30184457	2.63687923
3.13704205	3.72806587	2.4868614	3.20480436	3.58390375	4.073626
5.01897116	5.20326117	5.39322644	5.57164013	5.38911621	5.52786027
2.06933008	2.25226302	4.50886524	4.89116261	4.53222619	4.86387259
4.31701015	4.067189	4.45658943	4.46080258	4.49586689	4.70363748
1.00E-04	1.00E-04	1.00E-04	0.56487062	1.00E-04	1.00E-04
0.5845187	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.44601483	2.65110949	1.6068095	2.76510416	2.53158856	2.49420716
3.38710508	3.63922784	2.81092958	3.26249663	3.55761575	3.22314256
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
2.5125605	2.72233505	2.03593041	2.78824671	2.78655914	3.58303278
0.99359366	1.61720249	3.52236308	3.5748215	4.33569032	4.89809088
3.08703055	3.31149339	3.30247707	2.98083117	3.33432229	2.92592222
1.00E-04	1.21877623	1.00E-04	1.00E-04	0.68754702	0.72508147

1.00E-04	1.00E-04	1.00E-04	0.14912336	1.7568409	0.78589926
5.51000274	5.51485705	5.03871516	5.67910809	5.50904689	5.47250675
2.29915026	2.2796806	4.32679383	4.37392753	4.20577194	4.17327126
3.42700917	3.57907795	4.43842973	3.91479644	3.46993256	3.34824551
1.09872987	0.65837836	1.82342144	2.16148717	2.3329572	1.39569282
1.00E-04	0.7884265	3.54962241	3.14598032	2.95183464	2.58240014
2.38563336	3.0830975	1.73310115	2.11491451	3.1800111	3.79061372
0.90848481	1.00E-04	1.00E-04	2.41179137	2.34266981	1.19812917
0.35811479	1.00E-04	1.00E-04	1.02422719	1.00E-04	1.00E-04
3.99438598	4.00039534	3.26491479	3.39352826	4.05418269	3.93630678
1.00E-04	0.65045866	1.00E-04	0.71219483	1.00E-04	0.64822431
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.83976331	2.30261491	1.00E-04	0.61072705	0.76958982	1.24413982
0.82290551	1.19457478	1.00E-04	1.00E-04	1.19293049	1.51088857
1.00E-04	0.66190635	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.24092602	4.31954477	3.38190129	3.60429723	3.89772959	3.78066934
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.01780328	3.18622704	1.06844428	2.58250041	3.61298761	3.4817007
1.67735318	0.92387651	1.00E-04	0.87914671	0.89719431	0.83593854
1.4349223	1.39879388	1.00E-04	1.75551953	2.38207204	1.86823906
2.46124638	2.34742938	1.00E-04	1.97817066	2.04741971	2.05572406
2.24029542	2.26074196	2.725861	2.56720273	3.12239958	3.1283768
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.55352159
0.09415495	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.48048804	1.75160123	1.7257134	1.57912611	1.55749928	1.91623521
1.00E-04	0.97327174	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30163127	1.00E-04	1.00E-04	0.31853502	1.00E-04
2.480533	2.66074749	1.91285577	3.3478066	2.92530022	3.29252666
1.00E-04	1.70405983	1.96740946	1.30389351	1.8055244	0.67703006
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.28302125	1.00E-04	1.99702609	0.91945114
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	3.76805602	1.00E-04	1.00E-04	1.00E-04
1.11609167	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1876287	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.81874102	4.8016768	4.48403515	4.13476079	4.20041855	4.30245823
1.96244637	1.38711776	1.00E-04	1.00E-04	0.22725774	0.41356991
2.20210992	1.77613649	1.91285577	2.40060167	2.29403484	2.70651453
4.40415684	4.56841114	5.08120777	4.92203025	4.76776067	4.93746634
3.65054836	3.35241529	2.18505109	3.8636688	3.31149516	3.32472021

1.6983442	2.42386725	1.84921664	3.02187767	2.55688542	2.58579236
1.11193429	1.65624691	1.00E-04	0.7626518	0.22725774	1.00E-04
2.59686785	2.3871512	1.30986649	2.26017365	3.41253326	2.93840728
1.21703507	1.00E-04	1.00E-04	1.00E-04	0.71592889	0.35948108
1.19235686	2.14983342	1.00E-04	2.21181733	2.70341431	2.28597815
2.70382599	2.406509	2.71160988	2.29784818	2.47108903	2.8670005
1.33242362	1.00E-04	1.83013888	0.81392237	1.15441432	0.93758195
1.50464066	1.54618236	4.09716597	5.33138366	5.12080788	5.08680161
1.80776507	1.48227641	1.00E-04	2.3209827	0.41954009	0.63795266
2.5883423	2.24131749	1.52319676	3.46223281	1.8758984	1.8243274
1.00E-04	1.21737471	1.00E-04	1.00E-04	1.00E-04	0.74691801
2.37041029	1.35993288	2.60228443	2.45928284	3.01140834	2.85025377
1.00E-04	1.55855066	1.00E-04	1.72943189	1.83302148	1.36951659
1.36497537	2.04230418	2.2378733	2.38690977	1.97238407	1.0175336
1.45723241	2.73374251	2.18505109	3.17018174	2.54040712	2.63372905
1.09552235	1.85531705	1.00E-04	2.55974796	1.00E-04	0.41953258
2.82458637	1.69436406	2.76206884	2.6935391	2.40697168	1.36211993
1.19458702	1.00E-04	1.00E-04	0.6794643	1.00E-04	1.01842649
0.97969595	2.22426003	1.40283744	2.67257351	2.41556593	1.62353767
0.59306014	1.30203291	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.05744923	1.00E-04	1.00E-04	0.79830865	0.99810502	1.42523659
5.02802801	4.65731416	4.7451145	4.9693948	5.16411968	4.75221517
3.81738072	3.96325059	2.10572217	3.3214839	3.43363684	3.46169129
3.2267512	3.07998132	2.91562783	2.79679824	3.0062133	3.13179066
2.99918906	2.3438345	3.23285579	3.84516385	3.75107055	3.30509514
3.40656774	3.17486815	3.39879162	3.52136468	3.25027445	2.94584045
3.65769647	3.4940732	2.67254121	3.14045227	3.95192405	3.02730796
3.22113604	3.21619411	3.90986383	3.58857963	3.76520833	4.08047402
1.73784913	1.30172539	1.28316224	1.19522783	1.14946059	1.2104037
4.84414566	4.95317961	4.04251454	4.50319324	4.75688122	4.71193347
3.03554134	3.03571933	2.61182223	2.80165794	3.08302915	3.44174517
3.47492211	3.02068509	2.02849974	3.48870203	3.48566687	3.04979591
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30974433
5.12554761	4.94921616	4.37547731	4.44416116	4.89461665	4.59193324
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24760841	0.27250157
2.77030779	2.51708156	2.31022934	1.56065695	1.18852371	2.07434545
5.44347156	5.50350464	5.75662423	5.91416708	5.83246165	5.76913286
2.99992766	3.43226584	4.29928016	4.35617424	4.09596014	4.29666569
3.50126437	3.58246594	4.17209734	3.39958755	3.54338299	3.86194706
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.06646821	4.16406701	4.45200549	4.58210283	4.04869052	4.42659331
2.80135837	2.40660329	2.5682488	2.14712723	2.77623851	2.2652876
3.88955897	4.25340768	3.65699357	3.99509276	3.84112238	4.24838252

2.86127027	2.65598233	2.57372214	3.01175729	2.67006542	3.14603863
3.45042051	3.60070209	3.56919923	3.5990243	3.62872243	3.93168801
1.99489019	2.46261543	2.73015835	1.0134514	2.63152502	1.46197272
3.86989966	3.96733843	3.37921692	2.93729901	3.79331135	3.28103034
4.43643726	4.23364885	3.65413998	4.08528223	4.11291963	4.27780636
3.26406358	3.78678939	4.22209736	3.79292169	3.83825847	3.85842157
0.57907938	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.57971755	3.50379627	2.23739647	3.20636367	3.57412691	3.73097953
2.16663675	2.41171245	2.80120891	2.15576709	2.54853544	2.82063817
3.21659764	3.18923671	1.30986649	2.72499542	2.59442308	2.88233235
1.9298826	1.93657806	1.27996271	1.21238605	1.09561189	2.00132599
4.55584394	4.59354255	4.5324645	4.51329536	4.62402861	4.5188601
1.37394168	1.51264167	1.00E-04	1.00E-04	1.407592	1.00E-04
1.85871782	2.23924477	2.10092533	1.05691655	1.64496656	2.82571848
3.80112614	3.19315682	3.6607078	4.07630634	4.02612374	3.88701983
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38327476	2.81853228	1.00E-04	0.45991406	1.00E-04	0.44280636
4.3408596	4.02682055	3.77359762	4.01794573	4.18651869	4.3364275
3.91357016	3.67831759	3.56235455	3.20175193	3.88157472	3.9241518
3.14077096	3.30695477	2.60434867	2.31705126	3.22186667	3.21644158
1.83678177	2.19846655	2.56612408	3.73757501	3.92331975	3.91823717
2.05108747	2.41985307	1.38754516	1.9614079	2.07627404	2.49256408
1.11154195	0.56456051	1.00E-04	0.98021356	0.36639306	0.90105934
3.46486815	3.77484035	2.71790559	2.97947276	3.36487771	3.51255279
2.80236629	2.36051482	3.01546068	2.31041938	3.03467163	2.93621627
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90295006
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93056166	2.54425346	4.01871047	2.34092783	3.59417261	3.46695171
2.70004497	0.73648725	1.00E-04	0.45567567	2.2691961	2.70254547
1.00E-04	1.00E-04	1.00E-04	0.75725904	0.50979231	1.00E-04
1.00E-04	1.00E-04	1.94733951	2.6786354	1.98803559	1.53787415
1.98367249	1.6596326	2.87023654	2.41284283	2.36653871	1.97849185
3.28945668	2.86502056	2.11211284	1.9696464	2.76594046	2.96178737
1.54342761	1.00E-04	1.00E-04	1.6319359	1.05527707	0.94124959
4.31138874	4.41567612	3.99288113	4.59580444	4.5072283	4.61061954
5.25562983	5.2560621	5.50010791	5.19652813	5.62894046	5.71809063
4.45902112	4.97235331	4.75979619	4.93196387	4.42463256	4.63500181
2.60284675	3.42811032	3.36296722	2.95093978	3.02999395	3.06498937
4.22576437	4.38700001	4.15967587	4.42619116	4.07986401	4.5885363
4.04258278	4.6005411	5.09237	4.86691135	5.29278101	5.27710795
2.03505928	2.81748908	1.75472403	2.08445783	1.34241792	1.17066447
1.00E-04	0.4932192	1.00E-04	1.00E-04	0.15137331	1.00E-04

3.59738963	3.15937097	2.87816396	2.54757104	3.09524265	3.21895318
0.73897369	1.00E-04	1.00E-04	1.00E-04	0.40109178	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.53821433	1.00E-04	1.00E-04
2.82306134	2.73562291	2.71291725	2.43182945	3.038296	3.26652419
3.83359109	3.57234462	3.82594997	3.64996568	3.82177997	3.31927964
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63771785	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10345048	1.4248879	2.88531692	2.81607957	2.10442586	2.68992816
6.75450774	6.60643286	6.7681258	7.03479903	6.68681936	6.76795091
5.71239403	5.74848023	5.5500679	5.66011364	5.62082311	5.68553131
6.33754222	6.26359999	6.52448021	6.43851503	6.25796457	6.46151618
4.15946865	3.66836072	1.52319676	3.07746613	2.24695038	1.8741574
3.49831529	3.40788061	4.24717605	4.4256137	4.28329548	4.20278363
4.98532983	5.00429138	5.93564008	6.13136651	6.08567186	6.00912239
1.47992965	1.59315169	2.73383676	2.71982479	3.01987854	3.27992222
3.5515349	3.31330353	4.59891856	5.13871528	5.02400346	4.98717018
6.55481881	6.5086095	6.08064795	5.96085439	6.0828943	6.16209331
4.50384715	4.38573679	4.42926329	5.14357845	5.06541319	5.07696247
1.98770525	3.11345161	1.57238317	2.17500943	2.48164734	2.56559265
2.51071394	3.01692119	2.19258916	2.42548558	2.9669408	3.12807236
3.93510345	3.40901241	1.01811585	2.76534471	3.32845245	3.1902139
1.32044522	1.55275343	2.3868719	2.17029753	3.12598624	3.65000938
0.89711149	1.00E-04	1.00E-04	1.00E-04	1.0351123	0.93595139
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76521348	2.2947725	1.00E-04	0.46633175	0.37724529	1.00E-04
1.00E-04	0.56456051	3.86449458	3.69563895	3.18007111	2.57497496
0.52070052	0.67979967	1.27996271	1.00E-04	0.99568424	0.95324155
0.87199265	0.54611412	2.52228149	0.764425	1.34867042	2.07199727
2.92813822	3.22473767	1.01811585	3.41778264	2.94078658	2.89957089
4.23681646	4.37825198	4.75046228	4.63145889	4.31360199	4.33193936
4.43189506	4.0530306	3.49538401	4.25849995	4.52830818	4.60071894
3.31075983	3.13356606	3.38976994	3.78419684	3.66762195	3.7410988
2.12071747	2.32532392	1.01811585	1.5797779	2.05417814	2.23663314
2.66007903	2.73563819	2.74040664	2.39597227	3.26066953	3.15557509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8818268
2.22232058	3.23726847	1.94839403	2.84277046	3.91615353	3.95932493
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86564333	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33307364	0.62848175
0.64252134	0.79187476	1.00E-04	1.00E-04	0.62535042	1.20527357
2.83269615	3.01715997	2.22691924	2.44456006	2.87497047	3.1731562
4.14494934	4.2635437	3.01992414	4.02662778	4.57495084	4.46745369
1.33833263	0.92234148	2.32722852	1.49217785	1.30022502	0.5683338
1.60055746	2.27565899	1.00E-04	1.66167752	1.13124244	2.19021574

3.50846852	3.34138016	3.66617358	3.90884099	3.83336252	3.45712193
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.13678266	1.00E-04
3.31036581	3.15131558	3.00113384	2.40251572	3.01627944	2.74554277
4.54477602	4.45975768	4.32110291	4.69344505	4.70464325	4.86729453
2.52790694	2.03266878	2.36856076	2.150112	2.96850103	3.26900377
3.67001011	4.03190543	3.23818384	3.48028961	3.35976519	3.4879521
2.42501123	2.92502375	2.1375524	1.60257205	2.84980026	3.05596481
3.2912597	3.61708415	3.07347555	2.46134491	3.52810162	3.50456515
0.64548194	0.44867039	1.00E-04	0.90373647	0.9569618	0.71033122
3.09185748	2.1937859	3.33090311	2.89585522	2.83005545	3.05256016
4.39800851	4.43948751	1.00E-04	2.24858795	2.43208542	2.62314192
1.52283534	2.37391794	1.00E-04	1.70620316	2.69995921	1.73005229
4.20335775	4.23024963	5.1882656	4.8706921	5.19901462	5.38130499
4.27749615	4.45916428	4.65867929	4.55493431	4.35023457	4.89516185
3.33142411	3.40189768	4.42349644	3.69079628	3.61494232	3.88004958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24405756	0.91822858	1.00E-04	1.26970319	0.52541971	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10508055	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.61420485	3.82083087	4.0369075	4.60801147	4.00436443	4.67131076
2.90770361	2.77907505	3.77008616	3.5910848	3.68608066	3.86339316
3.75522279	3.31131508	3.62354339	3.73814136	3.88214654	4.088058
3.88937259	4.09589655	2.64512111	3.09058195	4.04193177	4.20677539
3.9680977	4.18689824	2.71160988	4.85372071	4.61682884	4.63138326
1.08018438	0.54611412	1.00E-04	0.59838119	0.11579337	0.30788028
2.8926877	3.29594158	4.87765201	5.17234997	4.99469908	5.43378286
0.16178697	1.00E-04	1.00E-04	1.00E-04	0.15700548	1.00E-04
1.38208573	1.08250068	1.00E-04	1.00E-04	0.27564669	0.56411103
1.00E-04	0.5882165	1.00E-04	1.00E-04	0.41010519	1.00E-04
0.3786425	0.51466394	1.00E-04	1.00E-04	0.62571237	1.00E-04
3.41635407	3.67011905	2.5413263	3.08702873	3.25017121	3.44081552
1.98098881	2.24256251	1.00E-04	2.04606025	2.9709182	2.74540825
3.39998791	3.65575779	3.34211695	3.40782635	3.6919987	3.67088498
4.20140442	4.19257898	2.69457398	2.6090901	4.12257139	3.727349
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37724529	1.00E-04
1.58420623	1.60106379	1.00E-04	1.67356463	0.71505029	1.53233424
1.96443386	1.36562046	2.18505109	1.8213828	2.1799489	1.42271689
1.00E-04	1.14927284	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30433976	2.96553566	3.18519297	3.43638191	3.70805859
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.88851929	1.00E-04	1.49871192	1.40875776	0.72549465

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.9828017	3.08977808	3.72054168	2.71201343	3.20965345	3.12028813
2.97259028	2.84183912	3.48233564	3.14625113	3.21790495	3.38645834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.60887492	3.88315206	3.3541734	4.20780813	4.15705588	4.41713396
1.00E-04	0.40836194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26522599	1.00E-04	1.28609943	1.00E-04	0.54769203	1.63795798
4.24115166	3.27320611	1.00E-04	1.52444544	1.55978075	1.72149248
1.00E-04	0.21289605	1.00E-04	0.76620686	1.00E-04	1.00E-04
1.64702221	1.23258239	5.05245407	5.13177304	5.06806966	4.65381503
1.00E-04	1.00E-04	1.00E-04	0.58417725	0.18945863	0.57125818
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92833548	1.69042025	1.00E-04	1.00E-04	1.00E-04	0.30201496
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.88824904	3.09737138	1.81104972	2.67258152	2.92922182	3.08193707
1.00E-04	0.53054394	1.00E-04	1.18401885	0.40665698	0.91151745
5.38676611	5.32423743	6.72837826	7.28847413	6.65390449	6.85578755
4.42603509	4.40940164	4.53678028	4.70450821	5.02181495	4.96587408
4.24142492	4.02675233	5.03765866	4.60425132	4.99168246	4.89555395
3.88617488	4.19329237	4.11364574	4.12912361	4.0896151	4.26099506
2.30230741	2.78986064	1.52319676	1.46343665	1.9008674	2.15456228
1.9197772	1.93376895	1.00E-04	1.00E-04	1.00E-04	0.63795266
1.00E-04	1.04864726	1.00E-04	1.78333137	0.79405335	1.00E-04
1.00E-04	0.52360732	1.00E-04	1.16923113	1.00E-04	1.40563722
5.08279554	4.91915769	5.24072488	5.32179487	5.58293617	5.38269445
5.00820721	5.1485202	4.54890313	4.60583911	4.63340554	4.81745718
2.95325151	3.138274	3.07314808	2.95747681	3.13097954	2.48733513
3.00537524	3.21114887	3.90792474	3.35767372	3.33226935	3.36160029
1.00E-04	1.26753365	1.00E-04	1.00E-04	2.40503894	0.46104644
2.83531144	3.22478871	2.66895202	3.31661775	3.44122297	3.55930824
2.12042613	2.12413579	1.00E-04	1.00E-04	1.01643433	1.00E-04
3.78898987	3.35095465	2.46052928	3.94430301	3.23229867	3.29717521
1.00E-04	1.24875663	1.00E-04	0.51753915	0.32928131	0.63472184
2.36135956	1.97971002	2.18025638	1.56251916	2.05929628	1.69110714
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66394773	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.53238302	1.00E-04	1.00E-04
1.00E-04	1.19758991	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17492658	0.85532896	1.00E-04	1.00E-04	1.00E-04	0.16565788
2.28583246	1.85395962	2.1272342	1.94993782	2.61115149	2.35116087

2.1522341	3.00486646	2.60623081	2.52395804	3.04223627	2.68602481
1.88341992	2.32537886	2.08611893	1.40283536	2.12762697	2.2603226
1.50839744	1.59241862	1.11518827	1.31054316	0.42669089	2.55446116
5.31141842	4.61206633	5.39642126	5.75507164	5.95496554	5.27256904
3.64813123	2.95810468	5.36216851	5.47862718	5.15972747	4.64329672
3.60667308	4.30164309	3.76637973	3.73083005	3.87140304	4.02341848
2.93582772	3.43332202	2.68250461	2.40622309	3.19099551	2.8940136
1.1015319	1.73992895	1.27996271	1.63361224	2.4441646	0.94286476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
3.91793244	3.25096186	3.33298966	4.43885817	4.01846088	3.80565703
3.60799445	4.07833682	3.46430032	3.66676887	4.16527273	4.49048345
0.75008908	1.00E-04	1.42763756	0.65887123	0.22971287	0.54803853
2.86908993	3.06232268	1.00E-04	0.76105624	0.2289081	1.92294066
3.1287781	3.50837243	3.55033397	3.47669851	3.57191766	3.89106508
3.33784612	3.3089466	2.39518629	2.43304435	3.76226803	3.51277864
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93360588	0.7518857	1.00E-04	1.70049097	1.55024007	1.99745974
1.25300747	0.82148371	1.49210505	1.00E-04	1.24731645	0.39681809
2.33748315	2.47010053	4.5280013	3.60313003	3.54871826	3.88255191
2.86456191	2.49884318	3.0785211	2.11061719	2.25216034	1.95594923
2.87547541	3.24314497	3.72988393	4.12649971	3.55151653	3.97783244
2.42683197	2.47461446	1.76382238	0.76540817	1.46220282	1.60563505
0.29628668	0.56312682	1.27996271	1.00E-04	1.22608777	0.53353514
4.40889942	4.50598439	4.100748	3.96530585	4.51529814	4.60933987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.60360132
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10854876	1.58870345	1.57238317	1.14058992	2.07494902	2.14409954
1.68570528	2.05209503	1.00E-04	1.32827634	2.11732563	2.0589986
2.54792967	2.54839906	2.9302335	3.10104254	3.02152752	3.24538862
1.77324974	2.26181953	1.00E-04	1.12700038	2.04721838	1.39446631
1.40165684	1.00E-04	1.00E-04	0.70120444	1.00E-04	1.00E-04
1.29109104	1.00644979	1.00E-04	1.11086952	0.12413672	1.4444577
5.4246703	5.20131198	5.6156275	6.01757975	6.00127394	5.86225439
4.97089264	4.87811517	5.59648699	5.43753913	4.97251514	5.25756687
0.67325245	1.00E-04	1.00E-04	0.48793187	1.00E-04	1.00E-04
4.3383023	4.25692643	3.58789469	3.74628697	4.13129932	4.40194844
3.76808967	4.03596385	3.43496387	4.08193712	3.89760187	4.31757227
3.50081356	3.58173918	3.87050821	3.70228862	3.5824359	4.04513545
3.21545815	3.03848793	4.95692384	5.11020842	4.7952983	4.7570919
2.72751884	2.36692584	2.8714403	2.82557379	2.95702633	3.09607753
5.01697537	5.06380677	4.73893522	4.84421779	5.82721362	5.53793242
3.70825371	3.63799267	1.68391787	3.60403789	3.70773252	3.792113

4.82367343	4.92950464	4.32986469	4.45119584	5.24830532	4.96097587
3.46712687	3.50315282	1.00E-04	2.13305107	2.71201561	2.3127794
4.56000996	4.75582991	4.25235032	4.86082085	5.25675221	5.20427435
2.78553976	2.95862504	3.16450014	2.23191355	3.21443766	3.01738832
6.02534303	5.91123193	6.36886972	6.50968937	6.33006887	6.24116215
2.74855853	2.12910372	1.00E-04	2.25074078	1.5763651	1.62023309
4.28692449	4.40656034	3.09394283	3.23344092	3.51035939	3.62071066
1.9796766	1.00E-04	1.30789632	1.29464692	1.69380461	1.06519346
0.89017119	1.00E-04	1.00E-04	0.95035832	1.78368288	2.29348533
0.76232783	0.566323	1.00E-04	0.96963438	0.24021141	1.01866726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52600016	1.2346972	1.85693283	2.68756133	2.59627661	1.45170999
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87127982	2.04666215	1.00E-04	1.93237569	2.06963362	2.32851258
2.93100056	3.22862344	3.03688592	3.67803596	3.64128845	3.78599311
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32943408	1.00E-04
0.59342542	0.64234672	1.00E-04	1.00E-04	0.9302254	1.00E-04
3.79057927	2.63670404	4.42580162	4.27248544	3.85824201	3.54179877
2.73662251	2.40733168	1.73310115	2.80314741	2.92140256	2.65783918
2.51092632	2.6376287	1.00E-04	1.84151422	1.56086827	1.72156276
1.50337551	1.96092243	1.28609943	1.96815456	2.39306926	1.83296464
1.00E-04	0.71655627	1.00E-04	0.56487062	0.24760841	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73172787	3.2995333	1.8503227	2.49908615	3.28683744	3.40328574
2.96395675	2.48490743	3.22255586	3.19420034	3.03828001	2.69588778
2.43709108	2.36594292	1.00E-04	1.94725655	1.72355872	2.51865265
4.41873604	4.41555714	3.63737225	4.37688328	4.32505549	4.360971
1.91261832	2.33432226	2.96709742	1.5190677	2.03748852	2.56345156
3.60177156	3.58653801	3.30206876	3.48003215	3.6641311	3.42653169
1.00E-04	0.65510607	1.00E-04	1.00E-04	0.10440683	2.05962704
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.43424152	0.13427639	1.00E-04
1.00E-04	1.00E-04	3.20742509	2.0310707	1.24272722	2.3262666
1.00E-04	1.00E-04	3.1200451	2.19085897	2.95933719	2.86873569
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47422388	1.11152371	1.00E-04	1.50461949	0.45995863	0.91632913
3.32401145	3.44100906	3.12830972	2.72270848	3.28292462	3.41081352
3.58721292	3.53931922	3.52215536	3.10930094	3.81867497	4.21416147
3.42484559	2.73962151	3.65816623	3.3090048	3.67677373	4.09383708
3.86972703	4.10828903	3.76577688	3.89365133	3.96884481	4.3811753
1.48844015	2.20156742	2.22180744	4.13684132	3.64634256	3.14495138
2.77839433	3.33631541	2.39348212	2.33683547	3.59106185	3.17151501
4.82961928	4.59701555	3.70691291	4.02222297	4.43269557	4.54126229

1.00E-04	1.00E-04	1.00E-04	1.95561652	1.88132646	1.00E-04
1.63757738	1.06139537	1.00E-04	0.60263629	1.17078067	0.61552154
3.79534356	3.72938999	3.53441717	3.24054069	4.06027483	3.96528714
3.04540713	3.53737974	3.07439704	2.20457218	3.19035861	3.61189695
2.86765366	2.97403039	2.26940073	2.76002353	2.77077659	2.95426418
0.99749989	1.00E-04	1.30986649	2.29714693	3.05216594	3.25106881
1.00E-04	1.00E-04	1.00E-04	0.79306028	1.07765055	1.55221647
4.73156402	4.85558247	4.82814391	5.29732337	5.0439319	5.06641219
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.37201071	3.51745964	3.43253278	3.30484766	3.59691066	3.84051333
2.36936314	1.89248985	1.9503961	2.08624941	2.61035885	1.88002798
2.20670971	2.71002457	1.00E-04	2.42159581	1.69465902	2.0670883
0.37484237	0.88563595	1.00E-04	0.81243094	1.65177922	2.19427685
0.50685107	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63779105
0.27093267	1.14927284	1.00E-04	1.00E-04	1.00E-04	1.16153411
4.18023258	4.62717061	4.63002762	5.06903679	5.19141424	5.26623796
2.84966581	2.60925293	1.11518827	2.63750996	2.91828338	3.49449844
2.66219982	2.72307883	1.9503961	2.58158863	2.66304528	2.47149125
2.24577852	2.23463741	1.00E-04	1.11795489	2.13597368	2.13610593
1.00E-04	1.25246228	1.00E-04	1.00E-04	0.08158092	0.53366066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
3.74007812	3.99383187	2.52093089	3.3615016	2.87355559	3.37556348
3.09924718	2.97832814	3.42699245	3.25008739	3.29283183	3.50815998
4.55172609	4.49272894	3.94050149	4.23640024	4.16975629	4.34521403
4.82710225	4.77259772	3.83087692	3.51437665	4.8370746	4.83477959
1.00E-04	1.00E-04	1.00E-04	0.9039174	0.87483578	0.14317243
1.00E-04	1.00E-04	2.04595548	2.11380936	2.44670161	2.38251454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8876832	1.00E-04	1.00E-04	0.29028813	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25940884
3.43322913	3.71926297	2.52367903	3.53551502	3.43721805	3.69443706
4.75244188	5.03517746	5.14580602	5.15845626	5.577118	5.65842007
4.52567034	4.05586339	4.16130041	4.0376305	3.9254829	4.07137779
6.08153363	6.34647286	5.9570124	5.25551795	6.34532762	5.84971189
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.68716789	3.8795762	4.10495141	4.17665796	4.34557421	4.39335881
3.80544613	3.65825575	3.53903814	3.41846147	3.40971272	3.37146658
0.30980585	1.18446526	1.00E-04	1.1032288	1.46852732	1.52256516
0.72749333	0.30163127	1.00E-04	1.00E-04	1.00E-04	0.19641509
1.40544531	2.02231999	1.00E-04	1.42121793	1.20337	2.33335851
6.5664929	6.75907583	5.4687075	5.06717937	6.77536532	6.34160154
6.29371958	6.51005873	5.20401919	5.15788047	6.09895775	6.05564282
3.34281412	3.60721972	2.74186479	2.5978156	3.58262494	3.8839679

6.27869529	6.48859186	5.14391354	4.63049018	6.01568608	5.90138503
5.49396005	5.75838393	5.18349762	4.38508979	5.27829591	5.28988775
2.45833512	2.9129868	4.51448303	5.01562124	5.29022385	5.24744921
1.70182179	2.70815447	1.42763756	0.9942586	2.17705049	2.43292581
4.63501702	4.43764709	5.43717343	5.53835201	5.55737742	5.84602616
2.15215402	2.5603291	3.28381055	1.56175396	1.15479837	1.65108428
1.39370336	1.00E-04	1.00E-04	1.00781832	1.34330761	1.77411304
2.53099795	1.80290632	1.00E-04	1.94011189	1.67071074	0.40555046
4.00571367	4.07435349	4.73836305	4.43030993	4.47085542	4.46279892
1.45508052	1.32626039	1.83013888	0.15557081	1.49734141	1.41132254
4.44319043	4.39579545	3.92365647	3.81403579	4.14462786	4.11289495
5.0767601	5.01791718	5.15247259	5.20197785	5.32075525	5.15062191
0.27093267	1.82081422	3.34743263	3.87921914	2.94007619	3.29004217
1.24626354	2.49647161	1.00E-04	0.4783264	1.67775255	1.4221031
2.75458501	2.0531702	2.02849974	2.27785587	2.03901962	1.89946398
3.15864306	3.3205584	4.29568733	4.54674298	3.92370359	3.86551962
1.27063658	0.69392408	1.00E-04	1.00E-04	1.00E-04	0.25940884
4.32219963	4.3432756	2.1605848	1.71537378	2.82967936	2.85411178
0.64435322	1.00E-04	1.00E-04	1.22459068	1.00E-04	1.00E-04
1.62337854	2.08191339	2.18505109	0.56657147	1.32752531	0.75235999
1.00E-04	0.41409474	2.27594859	1.00E-04	1.4392209	1.00E-04
1.01847172	1.00E-04	1.00E-04	1.99388764	2.39755822	2.36712854
0.82204417	1.42888854	1.00E-04	1.36208781	1.0739569	1.00E-04
0.82593565	1.00E-04	1.00E-04	1.00E-04	1.18811348	1.77411304
4.06451054	3.65594984	4.52902141	4.63452065	4.77224252	4.30920733
4.37521621	4.35641116	4.62343807	4.76153606	4.69318585	4.46258189
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70840066
1.00E-04	0.48013639	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18229203	1.00E-04
1.10002751	1.7142073	1.00E-04	1.00E-04	1.00E-04	0.94768045
0.8082234	0.53738242	1.00E-04	1.45970854	1.63737296	2.45107817
0.09415495	1.17646427	1.00E-04	1.71517311	2.55684302	3.26931314
1.00E-04	1.00E-04	1.00E-04	0.7530512	1.00E-04	1.00E-04
5.11578801	4.86248701	5.00767598	5.23667549	4.98448557	5.10852526
0.61152103	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.50483777	3.6780551	3.14151943	3.48003913	3.83905614	3.94342972
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44175658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9686521	1.25654725
0.15907666	1.00E-04	1.00E-04	0.9228451	1.13385134	0.37754883
1.04978744	1.00E-04	1.27996271	1.00E-04	1.2174744	1.28671366
0.35507067	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.52523255	1.00E-04	2.74474469	0.96201813	1.09270971	1.04921595
4.00566372	3.17304071	3.64902383	3.86593397	4.19302652	4.00774421
1.00E-04	0.86356763	1.00E-04	1.00E-04	1.00E-04	0.16565788
1.98278126	2.41373578	2.30183803	1.63173684	2.40923222	2.64175706
2.18428695	2.72133296	1.00E-04	0.48690722	1.31296497	1.84831027
2.79692817	1.41599995	2.45302426	3.37271154	2.73685717	2.36102741
3.0305508	2.80084478	1.00E-04	1.72106012	2.76396672	3.08542136
2.67749339	1.86893654	3.51901832	3.83431056	3.89154222	2.86413018
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.26788228	5.43877696	5.04019731	5.56078621	5.41769086	5.571358
3.67196385	3.65497753	3.8209353	4.32882484	4.30464353	4.61658441
3.31574969	3.5997281	2.75443442	3.03933536	2.3774302	3.22062539
0.09292159	1.10896949	1.00E-04	1.76736956	0.55553407	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65519325
3.94495894	3.95634873	5.39639791	5.80844332	5.43662513	5.57419482
1.32643574	1.15431158	1.00E-04	2.09747113	1.31338408	1.33627835
2.44305654	2.86088861	3.36071931	3.4460749	3.4786636	3.74280231
4.89879314	4.93422929	5.06063421	5.27391379	5.33244121	5.3357436
3.08340643	2.88505863	2.40349143	3.26186677	3.17447498	3.30885023
2.35992302	2.45556799	2.37148804	1.9198056	2.82227379	2.84318479
4.41858851	4.50640424	3.6860493	3.84129707	4.31397323	4.41909613
2.52783776	3.04242612	1.91285577	1.68082589	2.51539687	2.5633255
0.82452821	1.82987632	1.11518827	0.94646974	0.75767743	1.73593743
1.98908091	1.60467404	1.00E-04	1.93506486	0.96767811	1.4791724
6.72107495	6.73910792	5.96069128	5.95989413	6.83699684	6.52957453
2.70874746	2.43333529	2.89673622	1.95704788	2.26902293	2.61999417
4.46707146	4.43939214	4.21193156	3.99449529	4.34658288	4.31029891
3.11844833	3.42388795	1.74110187	1.32059951	3.05861277	2.75870832
4.17706299	4.06899797	4.3545914	3.93315096	4.79321061	4.33826821
4.23166498	3.91816814	3.39858459	3.78370993	3.9446705	4.16288363
3.21104102	3.06851317	3.78150503	2.88900094	3.23969736	3.8846549
4.15167194	3.96627249	4.45879597	5.90042613	4.34173086	4.18098924
4.61305911	4.77330434	4.13385762	4.3587456	4.07964306	4.50085564
4.37875781	3.76402314	4.50812244	4.75801139	4.68243194	5.06289829
3.73822192	3.42430165	3.42967283	2.18808916	3.1882581	3.35410337
2.3861501	2.87437054	3.09447499	2.44327708	2.8207807	3.62806321
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3.21342529	3.45293711	2.8377038	2.94941179	3.43323278	3.53761381
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5.05367017	5.14823183	5.48872764	5.23299899	5.16256366	5.34863952
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4.48527249	4.91973376	3.97462325	3.65725321	4.44936385	4.38160763
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5.24384047	5.41325969	5.26776056	5.15434046	5.55938176	5.48952305
4.12854719	4.36091472	3.41276935	3.31827682	4.12527492	3.8743094
4.41119298	4.55145564	3.82610052	3.85310677	4.20374159	4.04526863
5.88590716	6.02705669	4.84860151	4.54267883	5.93182773	5.69509825
4.70010146	4.78702721	4.46113288	3.98125141	5.02037143	5.12569635
4.79913526	4.85954385	4.58470618	4.00252532	4.83820181	4.74489654
4.83927661	4.77142861	4.44265752	4.5349117	4.99488936	4.61805662
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3.55671027	3.11803289	2.24635702	3.22360824	4.05456179	4.05640595
3.49716515	3.41959102	2.75172795	3.15268143	3.83709312	3.56662709
1.51365108	2.01870982	1.00E-04	1.98056649	1.96374795	2.59995722
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5.2492395	5.29996802	5.19829843	5.48287783	5.32641586	5.29230285
5.82073607	5.69497575	5.379169	5.46367935	5.51847257	5.63236677
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4.14850162	3.96236887	4.10642456	3.62328082	4.25157515	3.86382782
2.37184924	1.73539264	1.38754516	1.27180163	1.56450166	1.27356955
4.74513575	4.47527244	4.80750027	4.57669487	4.50692903	4.67837769
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88183574	1.00E-04	1.00E-04	1.4137341	1.27242815	1.51063643
1.00E-04	1.00E-04	1.00E-04	0.7349394	1.00E-04	1.00E-04
5.7431113	5.92644306	5.77755815	6.31971656	6.18391921	6.14874092
5.39724321	5.15676278	5.09000191	5.35936253	5.2036091	5.28099352
1.66639642	1.00E-04	1.00E-04	0.89834432	1.07038589	0.83353181

4.20441754	4.25239541	3.94482997	4.07054767	4.00585842	4.31209513
1.48238092	1.10677845	1.00E-04	1.39348964	0.6295558	0.81869677
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50456451	1.38908323	1.00E-04	0.37771766	1.00E-04	1.00E-04
1.81263199	2.31767569	2.07732986	1.58776498	2.49897721	1.34440038
4.8061602	4.96375384	4.84413618	4.78458516	4.62236124	5.02348461
3.80449167	3.43986618	4.23667166	4.3516025	4.24203365	4.05261299
3.91773417	4.10494267	3.61873814	3.98001266	3.88855486	3.91869821
4.20390845	4.33621886	5.93574827	6.44178292	5.84734959	5.31703443
0.82983035	1.07299118	2.26969129	0.65839511	1.06229237	0.73467093
6.18955123	6.08495224	6.61444082	6.69381946	6.62544576	6.62940662
2.94041881	3.41234359	3.96613098	3.25621691	3.21060404	3.62529306
0.51477986	0.92075871	1.00E-04	1.00E-04	0.54326281	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1826159	1.00E-04
2.60449232	2.75643539	1.00E-04	2.24447236	2.06125913	3.10601838
4.83667501	4.90472515	3.72393174	4.42320699	4.64589196	4.75188733
4.11788539	4.43160183	4.15502701	4.36601325	4.47658212	4.5014172
1.35657776	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91598364
3.41024216	3.30833567	3.06457948	2.47115887	2.82218337	3.401591
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.25725508	4.13209933	2.96353545	3.04337423	4.26896732	3.90698409
4.10928828	4.12885632	3.44611045	3.78190184	4.23720242	3.8290704
2.96145536	2.83828348	1.49210505	1.68415714	2.85278704	2.40175512
3.19675104	3.27627306	2.63261704	2.78910305	3.451765	3.53975384
0.2866935	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.47910281
1.00E-04	0.96289389	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43421155	0.78978538	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.29236755	5.00288571	5.85252797	5.90513187	5.69410424	5.57003655
2.16739835	1.62423485	4.41778011	5.00806194	4.88257119	5.38564877
1.00E-04	1.00E-04	4.34848001	4.42776225	4.48720969	4.52283057
3.35665912	3.64744248	3.26113563	3.38623598	2.97853085	3.35558656
3.49284703	3.57483231	3.47563217	3.17442663	3.5917008	3.91412647
3.66924328	3.53378341	3.52808546	3.82610234	3.82198078	3.84701696
4.94128488	5.02826369	5.19186669	5.14361597	5.02326125	4.89219372
1.94031767	2.73550295	1.28609943	0.59354363	2.0968768	2.55271498
1.80674627	2.54831104	1.6068095	1.97406027	2.60623599	2.47943802
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23269493	1.00E-04
4.5613085	4.48867059	1.75472403	2.56486933	2.36177756	2.83267872
2.35533431	2.59408301	2.51932386	2.80139837	3.02386037	2.96653175
3.56720687	3.40729907	3.69672373	3.36862745	3.60748831	3.77751912
3.50008177	3.57296276	3.38965967	3.73429664	3.90900227	3.78655752
3.66408497	3.34182473	3.23969316	3.31790528	3.93887297	3.6658962
2.30175063	2.70373405	1.01811585	1.46263127	2.12629446	2.06630672

3.65328965	3.78890402	3.32923293	2.2172313	3.6746849	3.52245512
3.74093172	3.75645749	2.91426137	2.93025477	3.56173027	3.73453107
2.68419872	2.84328059	2.23892716	1.82899495	2.81505189	3.20403816
1.45711005	1.43179063	1.00E-04	0.14912336	1.16401705	0.98393424
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68701705	1.00E-04
3.09086674	3.0688314	2.26884573	2.88091319	3.27499749	3.10448055
0.89988345	1.0067139	1.77763584	0.29016598	1.81420109	2.553343
1.00E-04	1.00E-04	1.00E-04	0.78025129	1.00E-04	1.00E-04
2.78119285	3.17938596	2.25145962	2.3897723	2.92650638	2.67939233
0.77658702	0.89420026	1.06844428	0.90728373	1.83704032	0.65269353
1.00E-04	0.806373	1.00E-04	1.38595474	0.70515555	1.09060399
2.56156796	2.56738215	6.38923397	6.6776607	6.16210223	5.75300153
1.94514868	0.92769294	3.61865394	2.78601435	2.62249802	2.69968692
2.7625929	3.1047178	2.21007023	2.84781189	3.58758588	3.85072479
3.06473446	3.10778278	3.57684078	2.84521212	3.20419468	3.22230195
7.03660666	6.85154202	5.51726965	6.21952304	6.14323854	6.04975009
2.47676481	2.35113085	2.0974779	1.94856329	1.23723928	1.6546161
2.2275054	1.91583576	1.6068095	2.02383664	1.75682982	0.62958714
1.00E-04	1.77788523	1.00E-04	0.58468642	0.15700548	0.65124634
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.89058002	6.03244135	5.25009304	5.5342969	6.18172962	6.22230467
4.35069111	4.02366673	4.29500493	3.8804351	3.95050356	4.25235568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00673594	0.95426011	1.42763756	2.19043387	0.92366281	1.4854789
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4516944	1.00E-04	1.00E-04	0.61072705	1.00E-04	0.46112954
2.73321537	1.62294339	2.95374002	3.29457009	3.0875616	3.38771638
0.5929689	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.75725904	1.00E-04	1.00E-04
1.20838683	2.17085345	1.9671721	1.77440697	1.36648611	1.17704037
1.41263406	0.94820092	2.33646255	1.12388645	2.15049643	2.40167101
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17171502	0.65422117	1.84272348	0.77946655	0.83660376	1.93524539
2.18647988	1.56663441	1.00E-04	1.89834109	1.00E-04	0.35419377
5.41935375	5.40198539	4.14195335	4.51594518	5.24433482	5.28374502
3.25183401	3.42921076	1.91351535	2.59634236	2.91893711	3.04451164
3.29429712	2.33352303	2.81239203	2.53131572	3.55002608	2.54130348
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.43468153	0.14485168
3.63753653	3.85850437	3.94476213	2.91627873	3.62324437	3.699851
1.96008098	1.62890659	1.69861292	2.43434365	2.82865155	3.04073344
0.18020261	1.08884213	1.00E-04	1.08187798	0.73000325	0.12854881
3.31016495	3.61585317	2.97783133	4.09526577	3.45682036	2.97991559

1.00E-04	0.59418646	3.71480293	3.71321989	3.81126405	3.94648555
2.74732005	3.20051047	2.04595548	2.9484281	2.46801293	2.65437721
0.74143003	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
0.69427906	2.78943254	7.60820453	7.57111973	7.65379784	7.80662709
2.74447315	2.01263452	4.46616074	4.53205204	4.05097324	3.63566452
2.31439801	1.05756942	3.4374187	3.0420687	2.38696004	1.59862156
1.00E-04	1.00E-04	4.56134299	3.67096015	3.13398859	2.64602432
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.41428344	4.34226654	4.51783276	4.84497959	5.07420722	4.89650697
1.00E-04	1.00E-04	1.30789632	1.07462527	1.25895303	2.25621473
1.00E-04	0.65326668	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70536937	0.56456051	4.04739698	3.64020447	3.6505832	3.70929839
3.91789776	4.37291061	4.66914768	4.3172521	4.37643794	4.4925177
3.09893754	3.07148927	2.80938666	3.23912458	3.03998148	3.4091087
2.00229507	1.31225431	1.00E-04	2.26987695	1.80985647	1.80132806
3.10841985	2.30338335	2.47621138	2.38434591	2.39356462	2.65370285
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.81892922	2.50677281	1.84440302	1.88020655	2.81501184	2.50040477
4.21616696	4.28207223	2.43396501	3.04097798	4.10633436	3.89027219
2.52172905	2.45450041	2.44026019	3.09664278	3.02544583	3.07775239
2.71704959	2.80646349	1.00E-04	1.00E-04	0.27564669	1.00E-04
5.40245256	5.28735805	5.46331398	5.3717336	5.13892283	5.38394287
4.44963013	4.43429796	4.52884124	4.7796826	4.54693374	4.71922734
2.64671976	3.03420583	3.95846166	3.66571306	4.37000304	3.86993598
5.92298555	5.96209549	6.0108517	6.25061901	6.1077511	6.09209281
2.09747307	2.51447594	6.333608	6.28599736	6.3515386	6.44043694
2.57783695	3.06100469	4.70794658	4.87622487	4.27096867	4.30162638
1.95794668	1.63029938	2.46185598	1.30438528	2.24403784	1.19039833
2.44961178	0.86765272	1.00E-04	1.19651006	1.09879847	1.00E-04
0.98769322	0.62690381	1.00E-04	0.60387859	1.00E-04	1.00E-04
2.85533022	2.60849339	1.00E-04	1.16717517	0.63123967	0.20628126
1.31666726	0.36710226	1.00E-04	1.13351318	1.00E-04	1.00E-04
5.73595078	5.62159111	5.06177735	5.48355886	5.41081186	5.58832458
4.99038308	4.88645495	5.01880715	5.13731274	4.8683971	4.49899191
1.04380472	0.92075871	1.00E-04	0.66641237	1.00E-04	1.00E-04
0.85113744	0.6932686	3.5005896	3.14012934	3.76382637	4.13601867
3.88638833	3.58778756	4.34423007	4.67322447	4.08532264	4.36858976
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44347704
1.00E-04	1.2603719	1.00E-04	0.37771766	0.28533407	0.2726707
0.69979688	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57907525
1.00E-04	1.00E-04	2.3824664	1.56823392	1.81255161	1.36389512

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.23112183	2.00743688	2.00373925	2.73248965	1.34684679
0.76461114	0.92995371	1.00E-04	0.58468642	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.63849114	1.00E-04	1.00E-04
0.27874649	1.00E-04	1.00E-04	0.44711858	0.15137331	0.91274715
1.49533591	2.31881808	1.00E-04	1.48766867	1.13361434	0.63272561
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86120425	1.00E-04	1.00E-04	0.64978022	1.00E-04	1.00E-04
0.66023508	1.02722559	1.30986649	1.6695129	1.55811999	1.59655494
2.18487264	2.609695	1.52319676	1.72399865	2.37017916	2.58505032
0.78860226	1.00E-04	1.00E-04	1.61601139	0.72918034	0.30788028
0.93583356	0.21289605	1.49210505	0.70407177	0.95981664	1.52281829
0.32197209	0.59560932	1.00E-04	0.90627653	1.00E-04	1.00E-04
2.84741729	3.11232057	4.26905517	3.62238559	3.33386065	3.68210093
3.36233941	2.88141138	3.60227508	3.08371804	3.06846541	3.40172666
2.01971357	2.57347492	2.65205247	2.52281648	2.9026353	2.64568649
1.66461491	1.60113696	4.43409257	4.46706773	4.44040451	4.56897454
1.00E-04	0.59436393	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13369923	0.96133439	2.27856127	2.48305953	3.28107569	3.33613175
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.17992633	4.40534467	4.14630797	4.22425782	4.00557445	4.15329956
5.42952239	5.53253381	5.7935547	6.06366676	5.83858396	5.93903195
3.86285184	3.4637635	3.77567913	4.11736339	4.20061531	3.90623304
2.1256604	2.75218542	1.00E-04	2.23729635	2.0191311	1.44652592
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55282829	1.00E-04
4.73334547	4.64189434	2.8026663	6.9338458	4.86278969	4.33320962
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89806901	2.69940498	1.00E-04	1.64221544	3.06407564	2.25048574
3.8603447	3.3161245	1.30986649	3.12201787	3.28363502	2.6572473
3.6869256	3.80043083	3.69387702	3.16979286	3.46135711	3.11465906
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09363979	0.61145469	1.00E-04	1.58481401	0.67182388	1.00E-04
1.00E-04	0.62394601	1.00E-04	1.21989058	1.00E-04	0.30047008
1.89272671	1.814486	1.00E-04	0.95955727	0.47678472	1.00E-04
5.56327455	5.6076705	5.8655982	5.81597993	5.54134747	5.88185499
5.02284901	4.75370969	6.05078931	6.14081554	5.78435689	5.76129318
2.19097692	1.99263071	1.00E-04	1.79111211	1.07043583	1.36843485

3.60729048	3.57725999	3.3728514	3.21498576	3.70352452	4.14949179
1.91348752	1.10461391	1.00E-04	1.46818827	0.85690738	1.47755343
3.29966944	3.14687227	3.57206546	3.60294908	3.55292927	3.61062165
2.68523994	3.29559757	2.93510278	2.52904975	2.7809511	3.06470351
3.9230809	3.87317168	4.52453409	3.99864216	3.96574512	4.25720723
4.29230311	4.39926567	4.56100564	4.33726311	4.05348599	4.16576374
1.637371	1.66850745	1.00E-04	0.46085181	1.79623624	1.00E-04
4.18074915	4.21695554	4.2332081	4.49884903	4.15196842	4.43831674
2.76644131	3.80141946	3.09761327	3.21412255	3.42904382	3.75304511
1.86626616	0.92031514	1.00E-04	2.23206466	1.88665172	1.00E-04
2.37436552	1.94702256	3.43835402	3.12247311	3.30666366	2.51703803
0.68166237	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.9269167	2.65557617	1.6198352	2.43781597	3.16632592
2.67061315	2.28306393	1.06844428	1.10310582	2.49066112	2.66670157
4.06041914	3.7074652	5.15875372	4.62246156	4.86097963	4.70061216
4.08739385	4.21078323	4.21337872	4.30245695	4.63403084	4.67173014
3.67198815	3.70220015	3.61515965	3.34744259	4.24667971	4.16869194
4.23664229	4.13804465	3.26717401	3.5871211	4.17423436	4.130912
4.09784995	4.00177115	4.15937874	4.20297601	3.61829777	4.09113727
1.88117807	1.19891646	2.46099858	1.20448969	1.79420627	1.3655267
3.78699164	3.40709063	3.70864008	3.8687486	4.16507398	4.40669757
4.18079607	4.12086845	4.01204308	3.78062028	4.08104498	4.40148602
2.34640052	0.5882165	1.00E-04	2.18166926	0.96115286	1.16153411
1.4797122	2.4345372	1.00E-04	2.6826337	1.48634689	0.44701123
1.00E-04	1.00E-04	1.00E-04	0.79918345	0.16793254	1.00E-04
1.51665626	1.36549723	1.00E-04	1.95964887	0.88886241	1.03017664
0.66023508	0.86961246	1.00E-04	1.01880802	0.11783267	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.3326199	4.28784775	3.56301592	3.82034929	4.13219354	4.05440143
2.64671829	2.36250448	3.10864802	1.98409683	2.40140124	2.44695974
2.68482946	2.2697518	3.07081784	2.8989429	3.07691926	3.34962827
0.97441391	0.65497097	1.00E-04	0.44891413	1.2034965	2.08508395
3.15401614	2.67752968	1.00E-04	2.82212091	2.84819794	3.29076997
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.58353241	4.71107496	4.34930266	3.49646124	3.76818382	3.43053438
5.69354881	5.64314907	3.82175851	3.48272922	4.59409036	4.18628366
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.3438355	4.48745958	3.82442078	3.84102648	4.26726866	3.94584333
4.90050436	4.76940405	5.39253244	5.06394278	5.12387675	5.23494241
3.38312258	3.42150199	3.92674218	3.67305913	3.55948045	3.87158661
2.56003991	2.74096658	1.00E-04	2.0341006	3.0053934	2.87392681
4.73851248	4.60749777	4.38691284	4.91734687	4.9670287	4.77619151
1.1119981	2.37584904	1.00E-04	1.64909553	2.35432222	0.34272783

2.33187472	1.99623111	1.00E-04	1.00E-04	1.15705334	1.47723267
1.00E-04	1.00E-04	1.00E-04	0.56487062	0.50802455	0.97648227
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57696471
1.00E-04	0.76829922	1.00E-04	1.00E-04	0.13427639	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43243323	1.00E-04	1.28316224	1.00E-04	0.15137331	0.48702074
1.00E-04	0.89297126	3.37880641	3.36479691	3.52908552	3.76377858
4.55071577	4.71520583	4.72753167	4.71283339	4.56875167	4.78209505
1.00E-04	1.00E-04	2.46099858	1.00E-04	0.9027859	1.00E-04
3.56176924	3.96314375	2.87343015	3.38983459	3.8212663	3.89226117
4.31813064	4.55578075	4.23655993	4.22088536	4.21724034	4.23738991
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32608229	1.04888333	1.00E-04	1.28013926	1.74430661	1.24081506
1.31795235	1.70732354	1.00E-04	1.00E-04	1.08772599	0.95732585
0.77562963	1.38257359	1.00E-04	1.50490758	0.61015646	1.00E-04
2.27683376	2.77824391	1.00E-04	1.31807462	1.21219302	2.57005866
1.80069426	1.60371005	3.4288008	2.4742237	2.1748955	2.58799745
1.00E-04	0.86961246	1.00E-04	0.90875601	1.00E-04	0.14317243
1.42185915	1.21746707	1.00E-04	0.54842099	0.92885447	1.00E-04
3.02451594	3.14989834	2.17988846	2.95257738	3.18459419	3.2562848
1.00E-04	1.00E-04	1.00E-04	0.32864749	1.23190116	1.04843054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93861211	2.20399174	1.06844428	2.07514707	1.49823218	2.03512771
4.35344057	4.37575782	4.769545	4.91284104	5.2114021	5.20969948
6.12140102	5.91207719	5.07787716	5.15226209	5.143304	4.99254611
1.72654629	2.30228559	2.37205684	1.44715772	1.77767015	1.91397553
3.73560653	3.62867434	2.8656806	2.75900898	2.56764913	3.01719721
4.54359104	4.23701221	4.96715142	4.99759662	4.70596111	4.12057797
4.28665297	4.1963824	3.76548529	4.22373452	4.17660213	4.45518868
4.54131634	4.61298961	2.27830836	3.79921978	4.5210601	4.19077326
3.36070529	3.53431694	3.40241071	4.07750429	3.84609803	4.24363914
2.64161291	2.55971256	1.00E-04	1.11710455	2.672052	2.3224699
1.89244858	1.99145182	2.79923777	1.97603527	2.2270794	2.92569744
3.30492522	3.45167673	2.79831971	3.38639479	4.04407504	3.76920612
4.26829796	4.38949955	4.50890939	4.73273185	4.40172756	4.34834037
0.2866935	1.72357485	1.00E-04	2.00422966	1.48377246	1.64679452
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.13143227	6.11794059	4.6157483	4.30512208	3.78630519	3.92420806
3.60130092	3.27181417	2.25069739	3.70155971	3.4269136	2.95155119
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68267491	1.00E-04	1.00E-04	1.00E-04	1.22602858	1.78086352
3.28674978	3.01790529	3.03766868	2.96772635	3.2093603	3.3963878
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.99660352	1.00E-04	0.28509766
0.50045326	0.92387651	4.81088187	5.6778933	5.37350288	5.14369395
5.39383622	5.54631061	6.1747365	6.29179103	6.24868162	6.22117353
1.00E-04	0.39496032	1.00E-04	1.47891169	0.96910181	1.47270055
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.99331891	1.00E-04
2.65119563	2.72269593	1.30986649	1.09266274	1.85128052	1.95570651
1.14043554	1.42829326	2.93263379	3.89420185	2.79763502	2.83663137
1.00E-04	0.53054394	1.00E-04	1.32297012	0.6743627	1.17123289
0.60327704	0.97373169	1.00E-04	1.61726821	0.97567139	0.13038568
4.05744959	3.7814754	1.78801416	2.70436674	3.13537665	3.38621242
4.04761915	4.24848069	3.67811697	2.87128897	3.52217987	3.34017038
2.41647161	2.34414566	4.93546012	5.53238086	5.11033075	5.02136104
2.26556902	2.04538296	2.94020727	2.40271976	2.49218017	2.7715914
5.42332377	5.60114657	2.7989849	3.54100603	3.82741876	3.6890781
0.6967263	1.00E-04	3.43664058	2.87363257	2.52327945	3.20136154
4.53743494	4.56179471	4.49589307	4.6202998	4.54527875	4.72815225
0.27874649	1.00E-04	1.00E-04	0.58417725	1.00E-04	1.00E-04
2.68191823	3.17579025	2.18025638	2.55532291	2.55795897	3.18722798
3.15389776	3.66095097	3.85025941	3.61552895	3.87724087	3.95237413
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33307364	1.00E-04
1.00E-04	1.00E-04	1.06844428	0.83505816	0.81292745	0.9926743
4.12009902	4.10237122	2.23078732	3.93857708	4.09588526	4.41427933
4.69526961	4.70872326	4.42636099	4.95283134	4.54265044	4.42390705
3.66356787	3.99206458	3.67847311	3.22902716	3.48882445	3.60979366
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31843376	1.00E-04
1.00E-04	0.50399332	1.00E-04	1.00E-04	0.86532772	0.60960883
5.91918615	5.68902784	5.99774377	6.26452805	5.96916125	6.09616955
3.86642382	4.11938169	3.64317527	4.035078	4.12369226	4.21000863
4.95096346	5.05155257	5.58335549	5.54046993	5.67159259	5.79077874
5.81785135	5.79564684	6.10651115	6.39306042	6.05238395	6.24018054
2.80817444	2.74344574	3.40206174	3.25735378	3.44376727	3.67897587
2.13645874	1.86090891	1.67979948	1.87296215	1.65252361	1.7180842
3.54866807	3.6853377	2.88570377	3.08701409	3.37839215	3.15282159
2.98628638	3.11948786	3.8514331	2.88900611	2.66746658	3.13355823
3.02749709	3.32715401	3.69487473	3.06852351	2.85731911	3.34806134
2.1065516	1.66782378	1.7257134	1.91778727	1.60403381	2.09685597
3.54986584	3.79676425	3.07520515	2.06960138	3.00135121	2.80562484
2.24726442	2.41122054	2.17029038	1.77288246	2.52489954	2.78214025
3.10871645	3.29201924	2.25145962	1.79640129	2.96244683	2.72821752
3.01547821	3.58802076	2.69353422	1.96800487	2.91823455	3.07723394
3.62899454	3.94385818	2.67531766	2.82402424	3.4900453	3.19198041
2.75274893	3.41692907	2.69902737	2.06834841	2.90108459	2.7745059

2.83688306	2.83875188	1.83973834	2.81347409	2.21208249	2.81474089
2.29082984	2.32401622	1.52319676	2.42616758	1.66749454	1.7187497
4.86376233	5.24073828	6.5092331	6.38738626	6.56816963	6.45275651
4.2147284	4.01269352	3.24131341	3.93598373	3.99053817	4.04055593
1.00E-04	1.5291363	1.00E-04	1.72146344	1.57038889	1.68297471
1.98013422	2.19472642	2.65667477	2.82057547	2.68076697	2.6675857
2.71104654	2.62765629	5.4643087	5.66449771	5.83324758	5.84882945
0.98769322	1.08308501	1.00E-04	0.58468642	1.00E-04	1.00E-04
1.66035565	1.37856804	3.0785211	1.70080832	1.65311742	0.72825032
4.28882656	4.18255295	4.1385651	4.18311962	4.3740561	4.78237048
1.42636048	0.61419632	1.00E-04	1.00E-04	0.19191379	1.00E-04
3.46260548	3.67751103	3.07868597	3.30332574	3.26608575	3.41864253
3.58402322	3.72499329	3.26851357	3.2686147	3.54054709	3.40132619
6.27997616	5.85237462	5.26119261	5.52910072	5.4469542	5.01536815
2.48067253	1.91941475	1.40283744	2.49034583	1.42198111	1.86759368
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38379466	2.40364935	2.42316367	3.20555671	2.7766383	2.59769403
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27885677	0.43730888
2.24972382	3.42435779	1.00E-04	3.58661099	4.02775834	3.42916043
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.40836194	1.00E-04	1.9202942	1.1741022	1.00E-04
2.59941491	2.48721264	1.00E-04	1.00E-04	0.71119643	1.03435502
0.33863567	1.00E-04	1.00E-04	0.78264478	1.00E-04	1.00E-04
2.316059	1.51583851	1.00E-04	1.71618008	1.59874161	1.37375643
1.24273492	1.00E-04	1.28609943	1.04475327	0.85976258	0.31227169
0.27093267	1.86071359	1.00E-04	1.00E-04	0.63771785	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78739023	1.00E-04
1.39644412	0.43785363	1.00E-04	0.9119524	1.08826869	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27874649	0.46062364	1.00E-04	0.49600825	0.13427639	0.28509766
1.00E-04	1.00E-04	1.00E-04	1.10232557	1.2671982	1.00E-04
1.06020126	1.85804666	2.71314232	2.27275475	1.42733883	2.04808936
2.00481795	2.36696259	2.83408075	2.55273836	2.567521	3.23573747
2.22946764	2.62876776	1.00E-04	1.76877783	2.65501407	3.09871006
0.97924452	1.36962407	1.00E-04	1.44353951	1.06225871	1.93421019
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21122822	1.98729794	1.97484589	1.04979918	1.92774143	1.19268083
5.5371116	4.88623822	4.00007324	4.80097674	5.75257754	5.26454819
5.5200002	4.67750657	3.27619241	4.47948368	5.68943494	5.28276923
0.72087393	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16448447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.34494465	2.38375205	1.06844428	2.51112315	2.65532778	2.22634322
3.32478025	3.72092377	5.04875125	4.54612289	5.22226274	5.53538888
0.74669024	1.64154611	4.11785392	3.3766767	3.74690326	4.31214993
1.70452105	0.90069715	2.60633314	1.18225548	2.21813664	1.63452849
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.91807413	5.68622485	5.9648649	6.28134998	6.28341246	6.12338988
3.55154238	3.59996231	3.00247257	3.87381766	3.93532659	4.11265288
3.02236292	3.04449493	2.27651793	2.61445147	2.93077612	3.09805694
1.51396077	1.14499037	1.30986649	1.64409626	1.40668375	1.5558699
3.64311344	3.47687124	3.27760525	2.4513319	3.29412025	3.87738297
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.08995272	4.30541601	3.43555252	2.93366748	4.09769953	4.18050817
4.60238381	4.87067075	4.74850722	4.10048766	4.43144309	4.54458167
2.39384963	3.00666322	2.75658109	2.92990062	2.77152372	2.63050217
2.04406759	2.55075254	2.92170905	2.8858352	2.80391153	2.92104548
1.00E-04	1.00E-04	1.00E-04	0.84871813	1.00E-04	1.00E-04
6.10039943	6.07987551	2.98845766	3.79207346	4.5180502	4.03524086
1.85744829	2.5995083	3.11181614	2.59208273	2.72064548	2.73534325
1.29497656	2.52740278	2.56191596	2.06936537	3.13537777	2.48506365
0.62241067	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62204603
1.00E-04	1.00E-04	1.00E-04	0.59680653	1.00E-04	1.00E-04
3.42794803	4.07059344	2.72878424	3.88882373	3.50672324	3.78471228
1.00E-04	0.44747489	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.00E-04	1.16368879	1.00E-04	1.25643867	1.96079809	1.0817526
3.12014338	3.02306242	2.94783238	2.94345147	2.89562106	3.19480323
4.26270666	4.48730681	2.79771999	3.54887097	3.46126192	3.87896977
4.3910977	4.48955876	3.5931972	4.036492	4.11744098	4.01678631
3.15472074	3.61717634	2.21014484	2.59020744	2.52854564	2.55661189
2.66320392	3.0797109	3.13647018	3.11584205	2.55380117	3.33108511
5.00880965	4.97190149	4.74326266	5.07277085	5.04358179	5.165319
2.93058598	3.29140588	2.30408587	2.73817491	3.59504251	3.45808308
4.02767539	4.17720099	4.40856163	4.97175654	4.9177388	5.08024497
3.16147618	3.13426984	2.1355265	3.57296109	3.61474334	3.6265219
2.45429339	2.71422209	2.85022558	1.80962314	2.37845457	2.46954025
2.7684744	2.91121181	2.80450354	2.36457233	2.18366236	2.61394681
2.46819984	1.47388415	1.46133917	1.14596616	1.66557211	0.49522216
1.47010541	0.45118201	1.00E-04	0.83492906	1.39220222	0.20628126
1.00E-04	0.94941105	1.00E-04	0.64324128	0.83798975	2.12844353
4.68432	4.91523416	4.68087934	4.34297825	4.34859628	4.24720707
4.1881744	4.06598111	3.89944433	4.19386302	4.23688884	4.43994492
2.5367267	2.13091583	2.92961802	2.1758285	2.84608364	2.82817989
2.51599298	1.81667961	2.64267359	2.33094764	2.40628835	3.49300761
5.99487295	5.75373484	5.59732935	5.83014268	4.9776933	4.86618622

1.93802786	1.856564	4.96158196	4.7878409	4.92341095	5.32813314
1.16302118	1.13632294	1.28316224	1.52710816	1.85217172	1.98801976
1.85845579	1.02118746	3.35726401	2.93292692	2.41804779	2.41877423
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49240339	1.00E-04
0.47900737	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77658702	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78004197
4.4012998	4.65333503	3.35111914	3.68666871	4.21087968	4.48014979
3.64311516	3.36323516	2.20686243	3.69463622	3.57264228	3.99167888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46570086	0.56131478
1.36227002	1.31950625	1.00E-04	0.4783264	0.81294181	1.41813444
4.69619684	4.38659798	3.83337528	4.44978764	4.12136409	4.14032814
5.16412481	5.11161228	5.18152354	5.35336109	5.24040357	5.46737853
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.30455018	2.34104747	2.08421616	2.37054436	2.3543174	2.58201224
2.68346082	3.00233837	2.63593753	2.9017081	3.36474976	3.81579279
0.09292159	1.48935674	1.00E-04	1.00E-04	1.09474498	1.14693009
1.71108795	2.00620215	3.02673408	2.89863839	2.639166	3.05300974
0.91640195	1.00E-04	1.00E-04	0.37082421	0.12723689	1.00E-04
0.50857658	1.00E-04	1.00E-04	1.00E-04	0.46253117	1.00E-04
2.99082891	2.96384782	2.97191311	2.76558107	3.10762222	3.13005507
0.16178697	2.36647747	2.01665726	2.02001486	1.63548687	2.25960052
0.29810286	1.52360921	1.00E-04	0.76635771	0.22206006	0.86314901
3.03818309	2.58012143	2.57318007	2.70268363	2.53761453	2.98745894
3.75501476	3.48818578	3.56345176	3.13752887	3.54557439	3.51787832
2.4604933	2.64351148	2.88011934	2.28014354	2.88623984	2.9265488
0.66644555	0.62581593	1.00E-04	1.61652183	1.00E-04	1.00E-04
2.54796941	2.28758801	1.00E-04	1.87219497	2.51794003	2.74773308
4.17267118	4.03775492	4.09252981	3.88708505	4.52768071	4.4989917
0.9666051	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.11857759	1.00E-04	0.37771766	1.00E-04	0.48556414
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45691315	1.00E-04	0.6796518	0.33052186	1.00E-04
0.35507067	1.00E-04	1.49210505	1.00E-04	0.32492211	0.86314901
2.16242769	1.83732634	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.50469062	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.60622254	4.76500052	3.78750675	4.82992743	4.56462242	4.78929675
4.26390805	4.19231797	4.71665179	4.17436249	4.09014423	4.09311278
1.34745275	1.88090917	1.28316224	2.35008013	2.81574352	3.51499088
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.17150769	0.65574892
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24760841	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.63913365	1.00E-04	1.00E-04	1.00E-04	0.54828133
0.6853338	1.11824498	1.00E-04	0.71417168	1.00E-04	1.00E-04

0.70185963	0.98777579	1.00E-04	0.99777461	1.21893371	1.10807397
6.27953123	6.07640745	5.76020552	6.14571837	5.93245856	6.1297103
2.99795284	2.84317048	1.27996271	2.54030789	3.6332546	3.32651453
2.71712024	2.71314797	1.38754516	2.40606649	2.77983708	2.91342127
1.00E-04	1.41520752	1.00E-04	1.00E-04	0.90011203	1.03731316
3.96503632	4.33082454	4.42245142	3.8092627	4.16682217	4.23439398
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49981427	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72109494	0.85278439
0.90609459	1.00E-04	1.00E-04	0.58468642	0.35400979	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12911292	1.54469439	1.00E-04	0.97739396	0.95816402	0.20628126
2.80014484	2.49508599	1.00E-04	1.38093123	0.39916426	0.92154516
2.87773547	3.21586757	1.30789632	0.87839461	1.54054451	1.99982234
3.05123212	3.39009588	2.84384472	2.92578725	3.18399812	3.13528831
0.81584546	1.00E-04	1.00E-04	1.00E-04	0.27564669	0.61402199
1.00E-04	1.00E-04	1.00E-04	1.38206877	0.71592889	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70114606
2.22683827	1.52543672	1.75472403	0.64315265	1.00E-04	1.23182128
1.00E-04	0.52991195	3.06982007	1.15757361	0.5412333	1.00E-04
2.01056649	1.89871857	1.00E-04	0.32864749	2.02574127	2.08143113
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58836182
3.52582684	3.82483381	2.87820088	3.27610913	3.37368921	3.7963024
5.09714305	5.15415284	5.40757606	5.39066357	5.19201326	5.53227962
3.60668544	3.13744009	4.03092396	3.49501532	3.17692318	3.49228703
3.20406568	3.0834022	3.39040936	2.7422471	2.59297881	3.5816784
1.87680597	2.29417435	1.38754516	1.97462116	1.07304384	1.42903151
2.97922381	3.67598486	2.66341538	2.22640699	2.66516685	3.21400132
3.79569479	3.90951305	3.31176372	3.36748789	3.37685165	3.65008607
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03735437	2.67642909	1.00E-04	2.1360996	2.62207396	3.016867
0.97898301	1.00E-04	1.00E-04	1.02430378	1.57122989	0.2878742
3.60604979	3.43687596	3.80240172	3.760351	3.52548228	3.86093267
2.41826446	1.20371141	3.24389356	2.43561733	3.15878987	2.86452099
3.64580701	3.67756711	3.00670368	2.89878395	3.31431453	3.64940621
3.31920287	3.47522072	3.19596911	3.13876504	3.63066653	3.36424798
4.82617763	4.98779294	4.25937009	4.41311714	4.42210801	4.3200336
0.83271351	1.38433345	2.91790748	2.37434921	2.05143605	2.25870161
1.64663991	1.79641361	1.06844428	0.63321171	2.23337259	1.53121591
3.03414462	2.8957404	1.00E-04	3.37951871	1.87576836	1.66767686
1.00E-04	1.03400559	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.91281956	2.7027051	2.31745768	1.94550963	2.44325679	2.58083332
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89682612	2.88818252	2.46475451	2.72565489	2.64847735	2.97222651
2.0238109	2.72279057	1.78801416	2.31195307	2.39605513	2.45478787
1.3245618	0.5011611	1.28609943	1.18139552	0.8627678	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.01249777
0.68166237	0.50028658	1.00E-04	1.00E-04	0.58618349	1.13284573
4.50810186	4.4076052	4.87848931	4.673623	4.82009031	4.88167499
1.00E-04	1.00E-04	1.00E-04	0.7683823	0.16793254	1.27166068
3.57022071	3.82661523	3.17692401	3.53856286	4.09593875	4.20485237
2.27560157	1.55579295	1.30986649	1.3165093	2.39500571	2.31494162
2.27268723	2.34600507	3.64655196	3.17675826	3.80285733	3.99584159
1.00E-04	0.72050085	1.00E-04	1.00E-04	1.47637208	0.28509766
0.83244705	1.74592427	1.00E-04	0.82697096	1.00E-04	0.77552341
3.37837641	3.33702391	1.74894376	2.9184433	3.19236078	3.14737317
1.39741943	0.44777316	1.00E-04	1.35099848	1.62189275	1.32429359
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.89947817	3.803383	2.97525342	3.57253449	3.81351262	3.71502094
0.3786425	1.43238823	1.00E-04	0.52138741	0.8143693	1.25916161
1.00E-04	0.59436393	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07543071	3.19653373	2.97793671	2.80105467	3.06938563	2.91011254
2.51209056	2.33104375	2.81239203	2.36350886	2.59632076	2.68320553
1.31683952	1.00E-04	1.00E-04	1.52231806	0.3548392	1.00E-04
3.75398885	3.78202644	1.11518827	2.75250769	2.63250975	2.59052988
1.00E-04	0.63913365	1.00E-04	0.62209038	1.00E-04	0.35419377
1.95400971	2.70399656	1.28316224	1.34485405	2.1897254	2.80380373
2.8082868	3.31969849	3.43034719	2.58029324	3.75541718	3.39228712
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3874272
3.75384867	3.8057882	5.07387653	5.08360221	5.10829925	5.17511042
4.46722156	4.55439413	3.35017917	4.03866717	4.09742899	3.84351782
3.19637209	3.39756051	3.85678921	2.79976666	3.73780164	3.74684566
0.68349296	0.48913524	1.00E-04	0.54676642	1.2911211	1.71911028
2.01779061	2.19651682	2.6746004	3.02298467	3.42822429	3.28792707
3.86312031	4.00325103	4.40022126	3.97669868	3.89853286	4.00854818
2.90084926	2.52758908	3.15558752	3.57504473	3.55595658	2.85699028
1.25910827	0.89160088	1.00E-04	1.11791407	1.42711711	1.09201021
0.87680183	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33634113	1.00E-04	1.00E-04	1.00E-04	0.12413672	1.00E-04
0.67325245	1.00E-04	1.00E-04	1.39452022	0.67058366	0.64797745
1.02989549	1.00E-04	1.00E-04	0.88257138	0.40109178	0.46112954
1.00E-04	1.00E-04	1.01811585	1.00E-04	0.10440683	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73667733	1.00E-04	1.11518827	1.00E-04	1.00E-04	0.31227169
3.08900494	3.07062133	4.03636197	3.58212341	3.35507462	3.24726053
3.79479423	3.54988502	3.40942679	3.22230238	3.63192806	3.89454339
2.67659555	3.019905	2.27519925	2.39493654	1.2690269	2.04876792
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1826159	1.00E-04
1.50191633	1.40850515	1.00E-04	1.00E-04	1.44545268	1.00E-04
1.65631314	0.75203029	1.00E-04	1.03680667	1.32597272	1.50851613
1.00E-04	1.00E-04	1.00E-04	0.71219483	1.21539923	1.36317888
1.00E-04	1.00E-04	1.00E-04	1.16373716	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.90696175	0.66138763	1.00E-04
2.34640605	2.47955025	1.00E-04	1.02886389	0.17279347	1.20384702
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.37448751
1.00E-04	1.00E-04	1.00E-04	2.53590361	1.4443681	0.21329315
1.31121412	0.89712712	1.00E-04	1.00E-04	0.94767114	0.47910281
1.53200837	1.40825188	1.52319676	0.91640475	0.84585023	2.3098251
3.34087296	2.95840564	1.00E-04	2.58270736	3.31128885	2.72627249
3.25629692	3.17512783	2.20339202	2.11978616	2.77909422	3.13418433
2.95626694	2.70638513	1.11518827	1.99000724	2.31386383	2.90257482
4.28330358	3.9683353	4.50488753	4.16527769	3.87735408	4.17761284
2.53669003	2.54962003	3.80041758	2.72958546	3.23873919	2.84899452
0.30060549	1.05415811	1.00E-04	1.00E-04	1.39218924	0.91642614
2.86718215	2.61360091	1.06844428	2.48302629	2.13205845	2.48783671
2.87006032	2.22265464	1.27996271	3.0954382	2.88118241	3.44652715
1.94882678	2.64386061	1.73310115	1.72559881	2.8315902	2.99362401
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24182931	1.29450669	1.00E-04	1.69708081	2.36805409	1.98781759
2.69628936	2.74214478	2.619121	2.49926517	2.6730071	3.04733776
2.95074349	3.27073274	1.46133917	1.89445796	3.00130271	2.72140749
1.27820174	2.13127972	2.03123029	1.3750201	0.26331377	2.02833716
4.88095894	4.68599677	4.90170242	4.76135793	4.72388293	5.26058816
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00764934	1.00E-04
2.6505254	3.16319479	3.54812399	3.52474538	3.30331244	3.77669252
1.53021273	2.43839329	1.00E-04	1.50146308	1.78813941	1.32871318
1.44768838	0.90738475	1.00E-04	2.19485011	1.55562543	2.33450296
3.6602113	3.43848924	3.09058142	3.66254838	3.72474383	3.74363052
2.63202376	2.45422343	3.82836371	3.89195617	3.58907294	3.90807753
4.32329623	4.06014926	3.20932978	4.06311156	3.92965942	4.11873825
1.11829528	1.52829199	1.00E-04	1.4960294	0.17649229	1.72833349
0.58345775	0.94658676	1.00E-04	3.53205876	0.982078	0.34031455
4.97755323	4.87811723	4.1766461	4.48321348	4.12465613	4.49399517
3.42784857	4.01823363	6.5607188	6.67993024	6.72275897	6.6476111

3.39857799	3.09875325	1.30789632	3.53212799	3.18071508	3.12770949
3.67781683	3.83025016	4.22673935	4.27479997	4.26502681	4.13541835
5.1542009	5.21579245	5.38405756	5.56617597	5.57106661	5.57180024
3.10477323	2.64383733	1.91177822	2.41696341	2.64973358	2.18693365
2.79733139	3.19426196	3.11816109	3.16207552	3.53764665	3.16342126
3.90837967	3.83716029	2.05754114	2.42837203	2.27884579	2.56227565
1.95143339	1.86541567	1.75472403	1.00E-04	1.00E-04	1.00E-04
1.97337643	1.77968313	1.00E-04	1.80348266	1.9852883	2.01049671
1.644309	2.71220334	2.82980727	2.44299335	3.05173726	3.2387838
3.34436503	3.52708299	2.74812401	3.51944106	3.66882134	3.68080449
4.03762983	3.71765825	2.78907147	3.45174431	3.07655765	3.40287781
0.30980585	1.31611155	1.00E-04	0.52138741	0.83956791	0.53054394
2.10602427	1.95028733	2.09376156	1.91354208	2.4013367	2.64064774
1.22085371	1.00E-04	1.00E-04	1.03084612	1.22239422	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.1349051	0.45669845	0.59719714
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37724529	1.00E-04
0.48060402	0.86356763	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
7.1894907	7.30394696	5.85831397	5.70472934	7.12059268	6.9417075
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88284046	0.40742668
2.93322123	3.34423601	2.70415205	3.26360807	3.55956042	3.50533955
2.27629553	1.4663877	1.82698984	2.49472062	2.55878456	2.59842255
3.10893576	3.10410206	4.37309456	3.71665752	3.58618237	3.56592016
4.11127436	4.41522646	3.7120271	3.03896052	3.98976603	3.98973434
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.99388624	0.62848175
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.7988889	1.00E-04	1.00E-04	0.62242987
1.00E-04	1.18727395	1.00E-04	0.64978022	1.0351123	1.00E-04
1.7099491	1.4373177	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26701228	1.00E-04	1.00E-04	0.91004548	0.66419667	1.46300171
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75803366	0.36051234
1.00E-04	1.00E-04	4.07177315	4.65701895	3.90118065	4.04591108
0.47900737	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85278439
1.43513042	0.56648379	1.00E-04	0.76620686	1.00E-04	1.00E-04
0.57077505	0.92995371	1.00E-04	0.5730619	0.99970752	1.00E-04
3.02933019	2.94216883	3.51552896	3.30795483	3.31920493	3.43613924
3.67608616	3.86374102	4.24260228	3.78957223	4.10815502	4.17055086
1.16610409	1.5054804	1.00E-04	1.67544667	1.63369063	2.32660399
2.53632188	2.73354818	3.85224823	3.64420729	3.42415345	3.33337241
2.81993347	3.25092939	2.28102325	1.75978216	2.59705979	1.97585771
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08175593	1.65787223	1.38754516	0.74198176	1.28000545	1.23342445
1.00E-04	0.72342246	1.00E-04	1.00E-04	1.00E-04	0.91598364

5.75350964	5.75029133	5.88963407	6.23483457	6.00201851	6.07165153
2.67063811	2.33761687	1.87145018	3.36303969	2.60925681	2.63950465
1.80905062	2.25126753	3.00894955	2.67446157	2.44303357	2.43006528
3.01455827	3.39335849	2.34093422	2.66414775	2.58526927	2.60629937
5.32630361	5.27442658	5.16948328	5.3294056	5.5328765	5.68227685
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.51809791	0.75315821
1.00E-04	1.00E-04	2.37523392	1.53649564	1.00E-04	1.00E-04
3.68992252	3.6036424	3.61125589	3.54952078	3.39711215	3.51838247
4.30512614	4.09698344	2.73423343	3.15624908	3.80210987	3.78244627
4.45984082	4.49512751	4.31227647	4.0672914	4.45145847	4.29083438
2.27671134	2.34357728	1.28609943	2.11475763	2.93733177	3.00045448
1.00E-04	1.00E-04	1.94733951	4.5012398	4.28325992	4.16875652
2.41113825	2.52766347	2.04595548	1.95219974	1.9480036	2.07630607
2.90788372	2.86995549	2.72333747	3.01840099	3.34778496	2.9486651
5.51036726	5.42395505	5.6905042	5.86634033	5.69006043	5.79348063
0.35811479	0.61419632	1.00E-04	1.00E-04	1.00E-04	1.02744385
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.98001987
2.15632999	2.66286072	3.82174758	3.09322093	3.80939167	3.69720106
0.52523255	1.00E-04	1.00E-04	0.4783264	1.00E-04	1.00E-04
3.83798714	4.13259376	2.83292157	3.50577935	2.94120348	3.30263043
3.48165038	3.49586849	4.23904294	3.68843323	3.57512912	3.63307881
0.37284702	1.40981751	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.88411078	3.60177739	3.63097379	3.13379042	3.55753578	3.46150902
1.81625232	2.03366094	2.93343132	1.49475408	2.05464762	2.29355746
4.30940618	3.6733906	4.43774992	3.69103943	4.19142341	3.76296873
3.31336809	2.82787877	1.83013888	2.86201761	3.38637742	3.26661117
2.18311613	2.81711275	3.30056374	2.55243393	2.38778939	2.80251512
2.94645552	3.56617096	3.09767265	2.51593122	3.08691808	3.41772642
1.96646616	2.87013804	3.13194615	0.73505635	2.20480841	2.92672907
4.94240101	4.61615515	3.94787255	4.16688076	4.16827936	4.21051681
5.5257838	5.47157027	5.48483336	5.45312271	5.39333007	5.14627782
2.36656	2.74987933	1.52319676	3.01354572	1.52524005	2.49061941
3.52068644	3.85075756	4.56233908	3.90295453	3.76859551	3.70801152
1.05256168	1.00E-04	1.00E-04	3.30691323	0.93404887	0.30788028
2.23464676	1.82396033	1.00E-04	2.09268839	2.17015733	1.97576773
1.8222845	1.00E-04	1.00E-04	0.46085181	0.17279347	0.41953258
1.00E-04	1.45822285	1.00E-04	1.00E-04	0.16793254	0.94768045
4.09420915	4.14763093	3.7227451	4.62093877	4.57172622	4.54009405
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23239377	1.00E-04
0.70127108	0.59436393	1.00E-04	0.88239944	0.16276316	0.99755366
2.19093731	2.37879696	2.60377655	1.94763203	1.88137716	2.40470173
2.75061322	2.23501585	3.17672036	2.52672882	2.71152824	3.22879919
1.00E-04	1.00E-04	1.00E-04	1.25567463	0.17637488	0.80572127

1.36774643	1.88517503	2.04595548	0.77235341	1.14907197	1.99487156
2.37376265	2.26545029	1.6068095	1.75170068	1.53143114	2.08720739
2.48051073	1.54044351	2.11217548	2.17800675	2.4013293	2.72108639
3.81481505	3.9046242	3.58871508	3.63035134	3.8888769	4.25628643
3.23361979	3.54600597	4.10494337	3.55274963	3.72210066	4.3658645
4.14232019	4.4165481	4.31385416	4.03394925	4.45579285	4.41581176
4.96124727	4.79352761	4.22983017	5.17818526	5.16599303	5.28468938
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.81634406	3.90329224	2.63693091	3.43468305	3.05588127	3.50692386
4.38211131	4.40450799	4.91526152	4.62569417	4.54013645	5.05332081
3.20135097	3.10778475	2.26668789	2.64260192	2.9959266	3.23825736
6.06639804	5.63580487	6.75815976	7.04098011	6.67433461	6.62683711
4.12007172	4.00354036	3.26667194	3.92314831	3.88187626	4.04794392
1.5980312	1.36303735	1.00E-04	0.96826918	1.8331156	0.51902784
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2653146	0.2970992
1.44551832	1.50404671	1.00E-04	2.22612656	2.33107829	2.11201629
1.00E-04	0.56456051	5.27208065	5.04916989	6.09940722	6.15009633
5.85768532	5.91138949	5.42631381	5.7413902	6.74579803	6.51495215
1.00E-04	0.30433976	1.00E-04	0.37325883	0.85074181	0.3607491
2.93876328	3.0141332	1.42763756	2.69002214	2.97777981	2.26959464
1.34029924	1.39956036	1.00E-04	1.66602331	2.49402543	2.15389235
3.12912273	2.31166893	5.40132483	5.04077976	5.91920407	5.956748
0.94560474	0.58812963	2.48696882	1.44936179	2.34394926	1.46671619
2.3213573	1.85050392	2.71885503	2.47473437	2.93400407	2.59953832
2.24674046	2.73149488	1.00E-04	2.01653847	2.61729583	2.75698447
1.25153226	0.78390163	1.40283744	1.00E-04	0.30018273	0.28029224
2.80601415	2.17628242	1.00E-04	1.23972701	3.07586579	2.87186645
3.00771977	3.57329557	1.30986649	2.71929893	2.73855232	3.02748694
4.01309951	4.45890468	5.14424673	5.17110522	4.95177175	5.04559213
2.82132959	2.32304437	2.66197392	2.62978473	2.65488024	2.68839762
5.79212344	5.76376418	4.9289977	5.26980439	4.92891596	5.063302
3.79079112	3.83897431	1.00E-04	0.15557081	1.21113647	0.87477212
0.1163586	0.57077907	1.00E-04	0.55976379	0.26654268	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91504574	1.00E-04
1.00E-04	0.65656645	1.30986649	1.42178259	1.56318708	1.65606889
1.00E-04	1.00E-04	3.23520029	3.56599629	4.4101057	4.9823816
1.00E-04	1.00E-04	1.95118444	2.65554409	1.69442068	2.1649187
1.39610826	1.72314837	5.46387861	5.24548309	5.50912912	5.94111148
3.09875281	3.63810134	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53054394	1.00E-04	1.00E-04	0.40281018	0.41953258
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66135977
2.21836244	1.15399109	2.07744416	2.64176395	2.60871392	3.00682002
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

4.02991036	4.03430456	3.01781879	3.3409731	4.09187597	4.72448385
4.18889277	4.42989949	4.35438339	4.04166682	4.73648458	4.98711899
4.47334581	4.39771418	4.26221347	4.30373239	4.73992966	4.39473361
2.49892175	2.61807007	1.00E-04	1.33165036	2.63482434	2.03735238
1.36894482	1.72756747	1.40283744	0.25428292	1.73817902	1.17688015
1.65680714	1.52079426	2.69439913	3.48944686	3.40953552	3.66182518
3.10679107	3.22935371	3.91866272	3.11587965	3.20026118	3.52289294
1.00E-04	1.00E-04	1.00E-04	0.59363436	1.00E-04	1.00E-04
3.28510306	3.32795455	2.78190738	3.26581204	3.29130598	3.38793884
3.60947108	2.9765111	3.42187619	3.53456303	2.8849401	2.76116824
1.00E-04	1.25890889	2.64525338	1.26348644	2.00856858	1.15255084
4.43149462	4.33946892	4.8502601	5.31691858	5.00417143	5.14751695
2.10204793	2.01032001	2.17468885	2.22081475	2.77846032	2.9332652
1.71524403	1.65701545	1.00E-04	1.33629009	2.07286571	2.25975796
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64822431
0.85059662	0.59517815	1.84960269	3.33541834	4.48429014	4.29765239
3.36298386	3.96882472	3.87868864	3.87905626	4.44515065	4.5349121
2.84326112	2.58809967	1.28316224	1.02726392	2.45059842	3.01554859
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35811479	1.71146741	1.00E-04	1.00E-04	0.98060114	1.00E-04
4.16103749	4.32895738	2.6141138	3.44504457	3.87231834	3.92508948
1.00E-04	1.00E-04	1.38754516	2.74450241	2.66581259	2.93936518
1.17530575	1.81486069	1.00E-04	1.00E-04	0.45538814	0.19641509
2.2690066	1.79531952	1.00E-04	2.14315793	2.95486281	3.27312693
0.44087771	1.24638011	1.00E-04	1.00E-04	0.83534528	1.00E-04
0.99250293	1.12731849	1.00E-04	2.14630355	2.1168226	1.85930117
4.96860613	4.93209743	4.3156489	4.14124605	4.67524459	4.92269151
3.23990293	3.35819782	4.84188496	5.11384352	5.20356331	5.08791456
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42757985	1.00E-04
2.44234701	3.03086255	1.30986649	1.01853938	2.15982825	2.32312918
0.34600017	1.00E-04	1.00E-04	1.00E-04	0.88998456	0.34980336
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89950289	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48971388
1.13959289	1.68959675	1.00E-04	1.28778677	0.41658291	0.74488887
1.00E-04	1.00E-04	2.97831667	2.72957235	0.9951772	1.43934993
1.00E-04	1.00E-04	1.00E-04	0.4822824	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47541212	1.58624341	1.00E-04	1.16566251	0.34965935	1.27462177
1.00E-04	1.00E-04	1.00E-04	0.49595628	0.55632674	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76232783	1.00E-04	1.00E-04	0.95864566	1.58588201	1.00E-04
0.37624481	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.29334453	1.83013888	2.07596932	2.14789778	2.19017654
1.00E-04	1.00E-04	1.00E-04	0.57243387	0.19191379	1.00E-04
1.00E-04	0.68167976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20059412	0.37215976	1.00E-04	1.00E-04	0.47957636	1.45410804
0.09415495	1.00E-04	4.30836995	4.1179461	3.80090219	3.47818429
3.03348516	3.49409618	3.37687984	3.6133872	3.68672835	3.7355969
4.65093266	4.90968594	3.91136411	3.51257875	3.24773236	4.00460582
1.00E-04	1.00E-04	3.03049951	1.0768655	0.61749663	1.00E-04
1.00E-04	0.43809141	1.00E-04	1.07750389	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46993493	1.00E-04
1.08076287	1.41526999	1.01811585	1.34820451	1.69912974	0.12854881
2.6257265	2.79447151	5.86339811	5.61182718	5.88187718	5.93231667
0.86640468	0.64496235	1.00E-04	0.71417168	1.00E-04	0.13067397
3.68520755	3.59654515	3.53808404	4.1120748	3.37949151	3.34385433
2.77154547	3.0572184	2.46099858	1.62779037	3.01581422	2.84434886
2.60231851	2.35446792	1.00E-04	1.98569893	2.453527	2.15775752
1.67292729	1.45920136	1.00E-04	2.43938599	2.29218984	1.34913188
1.00E-04	0.57077907	1.00E-04	0.64315265	0.88703787	0.13067397
4.55235125	5.27385945	4.40036026	4.80298714	5.06866555	4.5249429
3.12179283	2.93270092	1.00E-04	3.0953769	3.34633012	3.25774357
3.22881838	3.49113017	1.00E-04	1.03538607	0.86532772	0.87770734
1.86949163	2.28430701	3.08751398	3.0632409	3.25998767	3.2440292
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.90272895	4.04074921	4.98680051	4.26201064	4.80479412	4.77664111
0.82240454	0.99120041	1.00E-04	1.3861509	0.99344165	1.43941985
0.4620769	0.59436393	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.78391429	3.28501592	2.03911791	2.58258948	3.89949051	3.08056584
0.76796946	1.15716906	2.04595548	1.44806261	1.22131155	0.84570809
3.52582567	3.61438634	4.43904488	4.31743441	4.339786	4.76926888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91595528	1.79834276	1.94733951	2.27397787	2.53181208	2.59013839
1.00E-04	0.50399332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56162321	1.16598602	1.00E-04	1.3086882	1.39246797	0.70342224
4.13202867	4.01296513	3.71020417	3.60295434	3.92635149	4.04967993
4.9536152	4.75223382	4.54257243	4.54782719	4.57324646	4.69790314
4.64397612	4.6361795	3.16261437	3.48948568	4.60168035	4.54366817
0.69167046	1.00E-04	1.00E-04	0.74877042	1.00E-04	1.00E-04
1.70525963	1.55408306	1.00E-04	1.16141773	0.83557632	1.97893611
1.63860763	1.34320951	1.00E-04	1.87256675	1.65698892	1.39964245
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73303299	1.77560269	1.49210505	0.70120444	1.18219704	2.19809904

3.71843471	3.46255439	2.70662237	2.06184358	2.77491227	2.28138591
1.55549815	1.60281411	1.06844428	1.15532036	1.95958608	1.16869363
4.04522209	4.02819391	4.37358425	3.86711874	4.24344297	4.17590432
4.56587376	4.35578811	3.64757423	3.95443496	4.52848215	4.35475933
1.01572822	0.46062364	1.00E-04	1.89932535	1.72325454	1.21368835
4.50278815	4.31192437	3.81061299	3.55707838	4.3463123	4.48523929
3.89442253	4.14725759	3.22403694	2.93068323	3.957949	3.94527882
3.19052437	3.20438924	2.1375524	2.42507916	3.23966546	3.261017
6.25995241	5.6775465	6.57681308	6.96878901	6.41105332	6.05495031
1.00E-04	1.00E-04	1.00E-04	0.81161137	1.00E-04	1.00E-04
1.60369338	1.00E-04	1.00E-04	0.73342256	1.16332983	0.15671146
3.49430585	3.44521704	3.07719139	3.3679306	3.95496742	3.96119133
1.51191898	1.12043188	1.46133917	2.3183538	2.41613525	2.21659586
1.30853434	1.54543483	2.25176765	1.00E-04	2.04114958	1.40408858
1.6051114	2.53398102	1.52319676	1.58992341	2.07701666	1.95396177
2.99702988	3.6465343	2.97877902	3.27144576	3.29370872	3.56799591
2.13843028	1.36470598	2.24726389	3.08608366	1.95238005	1.59737764
3.08369772	3.05417172	1.11518827	1.60572994	2.93586894	3.09997481
3.40238812	2.94727077	3.50424265	3.51997865	4.11377495	4.31499264
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.48191588	5.61740924	6.06202964	5.8659874	5.94578704	6.05663107
4.07059714	3.98886003	3.87355836	3.5099363	4.00057347	3.93358779
4.4455498	4.46966451	1.11518827	2.82513767	3.80192785	3.67595155
2.71282121	3.46473017	5.57363038	5.18809727	5.11951483	5.20772048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.10658443	4.43769247	4.08007883	4.21691681	4.99659549	5.17873713
1.99122732	2.25859856	1.30986649	1.35225511	2.67050732	2.56078368
0.59778383	1.13638976	2.5455806	1.81101563	1.71773084	2.03161267
1.48359373	1.48244652	2.54080566	0.92224178	1.9384094	1.97220381
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77657796	1.63394327	1.00E-04	1.00E-04	0.33848153	1.00E-04
1.66317389	0.76648865	1.6068095	1.00E-04	0.39919623	1.00E-04
4.60649879	4.71950085	1.9503961	2.44830722	2.52423044	2.162021
0.70536937	1.00E-04	1.38754516	0.7530512	0.11783267	1.00E-04
2.9717404	3.23659059	3.04277189	2.3461093	2.99175108	3.12751915
2.73653482	2.37127916	4.19967516	3.81830253	4.15822667	3.9178883
1.65393282	2.39718914	3.15494388	3.09054864	2.99560945	3.63814468
2.17966157	2.50077849	1.28609943	1.62065238	3.00870243	2.37639593
2.77568751	3.46861611	2.5194516	2.10895896	3.00306302	3.16432684
2.69404118	2.60766656	6.29852983	6.89211556	6.44059896	6.51629014
0.60252178	1.00E-04	1.00E-04	2.19093859	2.04908733	1.77685833
5.16926879	5.18868117	4.4729821	4.04158255	4.39346738	4.48816716
3.90913578	3.4376118	5.59586749	6.11501163	6.09632845	5.87839524

3.49938865	3.95702128	4.68203039	4.40091397	4.67704125	5.14162904
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72375712	0.59436393	1.00E-04	1.16169021	0.33647818	1.00E-04
0.57026941	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.29511797	1.00E-04	1.56888388	1.72006773	1.69294381
1.42783842	1.64512274	2.96404437	1.90101643	3.32859757	3.75205029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35260144	3.29474726	2.59888148	3.88486269	2.92455063	3.48761349
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.77565627	3.2530057	1.52319676	4.69964174	4.12263103	4.26239762
1.00E-04	1.00E-04	1.00E-04	0.75725904	1.21159598	0.62848175
1.98050597	2.47928646	1.82687244	1.54137035	2.14866829	2.30302597
6.82168116	6.77313477	6.2027317	5.89690835	6.20346713	6.33249149
2.97484882	2.74549174	2.11627121	3.62261058	2.22727637	2.11241367
4.82223718	4.67602154	4.82458365	4.52040249	4.50304271	4.94098992
1.00E-04	0.56352431	1.00E-04	1.00E-04	0.77151729	1.00E-04
0.33863567	1.51069677	1.60160529	1.17065756	2.07546326	1.85107563
1.00953676	1.00E-04	1.00E-04	1.00E-04	0.40109178	1.00E-04
5.65841431	5.73591158	5.42606448	5.89330959	5.45422325	5.64694762
5.21970416	4.90513858	6.17448843	6.39469444	5.98719791	5.77742986
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08745706	1.00E-04	1.00E-04	1.00E-04	0.30872634	1.00E-04
0.88971249	1.00E-04	1.00E-04	1.84066582	0.87490273	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48971388
1.70513042	2.34455453	1.00E-04	0.6391028	1.00E-04	1.00E-04
5.92622442	5.7080204	5.86737884	6.32602439	6.25943513	6.42657997
3.4710104	3.45401	4.44005514	4.43250047	4.4614849	4.3539414
3.67635281	4.08951722	3.71259761	3.48926783	3.89821697	3.98223938
2.42264813	2.62271124	2.13859813	2.98017928	2.48013413	2.9216274
4.24185297	4.22771436	4.65554401	4.44440873	4.59760629	4.55871287
0.5798625	1.00E-04	1.00E-04	1.00E-04	0.90884745	0.50143926
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.66130263	0.51879861	1.00E-04
3.07907953	2.78072406	3.17257027	2.28776228	2.98108404	2.95352065
5.27402476	4.90578561	5.26387317	5.98427581	5.18851297	4.35030204
4.58119434	4.34468987	6.16442481	6.67722771	6.2271433	5.63403105
0.83738377	1.00E-04	1.28316224	1.04056733	2.07161324	1.63545607
3.69963555	2.80654827	4.17538503	4.00686264	4.21392693	3.81377451
1.88126403	1.00E-04	1.00E-04	0.76620686	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.7537902	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.63849114	1.00E-04	1.00E-04

2.42528501	1.9572324	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4121965	0.64318133	1.00E-04	1.00E-04	0.17637488	1.32623247
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15557081	0.50497721	1.19813695
1.00E-04	1.00E-04	1.6068095	1.00E-04	1.00E-04	1.00E-04
1.00424316	1.62317191	1.00E-04	2.21418369	1.16202555	0.14317243
2.69586986	3.14932593	3.07931083	3.44205245	3.27182237	3.77218574
5.0836866	5.10890674	5.21728036	5.30672972	5.17785786	5.22341445
3.73551939	3.80004451	2.47286825	3.98476865	3.81913697	4.28700881
4.16291147	4.1039831	4.09822066	4.75888478	4.31561	4.67742113
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.08421616	1.00E-04	1.11176452	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.75120563	4.79541459	4.96237302	5.11484443	5.01508214	5.08297695
6.61592059	6.35475239	5.13840714	5.69354681	5.77477168	5.8289473
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.30113915	5.14191783	4.1154012	4.66647791	4.31414591	4.19109343
4.99015872	5.01897238	6.10752918	6.42021681	6.32938746	6.25338295
1.41256955	1.69998376	2.88826494	1.69468111	1.47832361	1.94680861
1.00E-04	1.00E-04	2.61927728	1.28742556	2.2259114	1.8002423
6.11549152	6.27641915	7.16336054	7.23735256	7.27040165	7.33788968
2.02954672	2.97723333	1.00E-04	2.15439129	1.29840556	1.33105466
1.00E-04	1.00E-04	2.54051082	1.00E-04	1.21872276	1.07903585
2.20156174	1.60985635	2.93011174	2.62397796	2.48113933	3.02745552
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41953258
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.66929256	3.64764076	2.90531196	3.44839929	3.31580905	3.33189007
1.00E-04	1.00E-04	2.24726389	1.76668412	0.57658691	0.28680082
2.85828517	3.34689613	3.56268868	2.73913676	3.27072955	3.53009391
1.0516324	1.15641977	1.00E-04	0.32864749	1.56484765	0.91754055
1.87673533	1.38866565	3.10378832	2.415679	3.02268639	2.76860424
1.00E-04	1.18966238	1.00E-04	1.00E-04	0.15137331	0.21329315
1.00E-04	1.17392285	1.00E-04	1.00E-04	0.15700548	0.24597208
2.9558485	2.98129545	2.97042386	2.58417308	2.7993014	3.21265869
1.00E-04	1.00E-04	1.00E-04	0.93364312	0.79107993	1.00E-04
0.3786425	1.96527447	1.28316224	0.20501279	1.3630414	1.6174899
1.00E-04	1.41711635	1.00E-04	0.70212277	1.44660238	1.05571318
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.26332601	0.93832347
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03507016	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93932081	2.80534096	3.07541264	1.85618164	2.24814777	2.65571005
2.42640132	2.04015802	3.02911894	1.75992693	2.0968199	2.15524031

2.49630301	2.44344956	2.43642735	3.81277067	3.5857728	3.53497125
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.01811585	2.42971787	1.10029186	1.5864236
3.36570722	3.21033419	3.60617952	4.27574212	4.56450853	5.05854064
3.45618823	3.54846239	6.39640542	6.60621117	6.91491481	7.21767578
2.61011263	0.87634654	1.00E-04	1.37028634	2.05806405	0.52759195
2.8136144	2.45028826	3.58965647	3.27418055	2.18286892	2.9325918
0.48875286	0.30163127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.49635455	3.19122271	3.72220914	2.80242564	3.35740142	3.35561639
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.83768749	0.67633377
1.00E-04	1.00E-04	1.00E-04	1.1233493	1.00E-04	0.30788028
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39916426	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31227169
3.24751351	3.34340688	2.04595548	2.5710909	2.6757537	2.91752663
0.85930915	0.68630804	1.00E-04	1.00E-04	0.63738487	1.00E-04
4.08628201	4.1518622	4.2124619	5.06088036	4.71917157	4.93160802
1.99676943	1.73296056	2.20751519	2.41727073	2.24989781	2.48677225
3.13746241	2.85948836	4.06974533	4.36066528	4.79688099	5.07323822
5.66686514	5.47435226	5.76737018	6.05699982	5.71306515	5.64350904
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16828591	1.51842233	2.71879598	2.7826317	2.5942538	2.72136222
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86860068
0.44837254	1.00E-04	1.00E-04	0.80306694	1.00E-04	1.01450538
2.36963802	2.50086581	1.00E-04	1.00E-04	0.23239377	1.00E-04
3.58704672	3.30231454	2.62361333	3.22208591	3.33710429	3.34872135
1.3686666	1.40137094	1.00E-04	0.85782671	1.02437515	1.77436139
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15801125	2.11114273	1.30986649	3.27378897	3.52284936	3.0692928
1.00E-04	1.00E-04	1.00E-04	0.6309036	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43866367	1.40235194	2.64209251	2.27727479	2.60819615	2.86372768
0.91898886	0.3972097	1.00E-04	1.42025965	1.83979497	1.83811347
1.00E-04	1.00E-04	4.23242376	4.11577622	4.42198549	4.62077256
0.2866935	1.44338351	1.00E-04	0.20501279	0.63771785	1.07851116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.39227744	1.80894987	2.00460096	2.67749635
7.13095016	6.49276933	5.7537749	6.21988454	7.60238643	7.31904324
1.00E-04	0.21289605	1.00E-04	1.00E-04	0.41961083	1.00E-04
7.50874678	6.96460546	6.28177556	6.45495756	7.84973681	7.62752754
5.14844975	5.02637564	5.4675229	5.61804848	5.48520975	5.45001434
2.29268614	2.57983414	1.78117254	2.22956846	2.07585036	2.38843756

2.6207835	2.73301822	1.67979948	3.32958647	3.21910159	3.2896983
4.69117903	4.81741035	4.13143946	4.52691926	4.25672314	4.45578885
3.63439163	3.77074358	4.14844569	3.79062693	4.12017455	4.23374156
3.69082336	3.65306443	1.88729871	3.23528074	3.55900184	3.51950012
3.48811876	3.85448045	2.30369729	2.57712085	3.16803956	3.56667724
1.46769965	1.92008894	2.17822392	1.3026759	2.34535732	1.62539015
1.24731774	2.16325325	1.00E-04	1.42538549	2.00923954	1.57034881
4.28428369	3.88836696	3.90532876	3.53922472	5.01188216	4.85672677
3.74184782	3.75345715	1.00E-04	0.84809132	2.48229048	2.38263643
5.13857099	5.08167937	5.36974787	4.94248252	5.05903999	5.17027988
2.55201116	2.23179584	1.54304638	3.52315689	3.3291104	3.2195789
3.65839259	3.85652013	3.50111676	3.04804263	3.62354524	3.81099494
1.00E-04	1.00E-04	1.00E-04	0.89953608	0.20596475	0.87871747
0.57831224	1.14415506	1.00E-04	0.24834324	0.53449728	0.19641509
5.15328013	5.00009424	5.22916536	4.77555119	4.80085106	4.96164027
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.7253883	1.44645129	2.00743688	1.0339735	2.18053705	2.51431846
2.30761389	2.92615779	2.49304842	2.06389051	2.65728738	3.03299047
4.70074701	4.8101326	4.76830543	4.67504918	4.7653988	4.4187111
2.61486224	2.43717429	2.35241616	2.40315598	3.00164989	3.10309666
1.10660885	1.20126895	1.76382238	1.00E-04	1.68390255	1.38101306
2.93646779	2.01720711	1.00E-04	2.26866603	1.87715791	1.25986257
0.99359366	0.65456396	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.17166239	5.22885694	5.2571474	5.01518053	5.889371	6.02542491
1.00E-04	1.00E-04	1.00E-04	0.86704502	1.00E-04	1.00E-04
6.0233767	6.02832533	3.16718282	2.25375995	3.49620112	2.59129193
1.00E-04	0.36607432	1.00E-04	0.66130263	1.00E-04	1.00E-04
3.74953482	3.80180837	3.50915431	3.93086491	2.98550041	3.64312909
6.27804473	6.05000004	3.81263035	2.88580277	3.47161451	3.0606881
3.95228624	3.72886679	3.79466579	3.87258184	4.17400797	4.01198651
1.00E-04	1.46104672	1.00E-04	0.7530512	0.90476143	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72825032
0.73502941	1.00E-04	1.00E-04	0.46633175	1.02751105	1.03661268
0.76232783	1.00E-04	1.00E-04	1.65833614	0.93041219	1.21781819
0.46739644	1.00E-04	1.00E-04	1.53174688	0.63771785	0.68390115
1.00E-04	1.00E-04	1.00E-04	2.00665156	1.9313406	2.41124096
0.50540032	1.00E-04	1.00E-04	0.76620686	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.27803515	2.22257041	1.38754516	1.81793636	2.1897569	2.24881238
3.46515974	2.51934206	1.00E-04	2.37632002	4.37184886	2.50693426
3.98668064	3.98171894	3.39041417	3.79423741	3.64388928	3.82353368
5.29601099	5.32664713	4.75304401	5.08750149	4.97466891	5.24810812

5.67166791	5.21967269	5.01119682	5.06366525	5.17338664	4.90603447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22019526	1.96481227	1.00E-04	1.15037829	2.2527221	1.56266866
2.30218757	2.63812517	2.48661531	2.50079422	2.92067487	2.65129898
1.97598981	2.32854362	2.46099858	2.14360232	2.73485681	2.69081038
1.79831111	2.51612246	3.40545755	4.20761275	3.92234436	4.30476828
4.71931552	4.58936132	3.87418139	4.01706092	4.0162706	3.8646029
4.59378173	4.46383964	4.3608361	3.40928073	3.93908046	4.06224671
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.24141337	4.92380219	4.32405456	4.28673122	5.50654563	5.50348483
3.70244852	3.28971428	1.00E-04	2.706247	3.13650154	1.50212534
4.5290331	4.55044021	3.73045955	3.42183303	4.51442224	4.31839244
1.24733126	1.23264863	1.00E-04	0.48793187	0.78009573	0.97224547
1.00E-04	1.53100749	1.00E-04	0.72999242	0.17649229	0.27426123
3.73661498	3.84313705	3.51374405	3.48459002	3.7054326	3.75104907
4.59647242	4.57435486	4.59723357	5.44598607	5.01589465	4.59453794
3.37248217	3.51105623	2.63355518	2.98347907	3.25243269	3.59291215
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94841238	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63402236	0.63462979	1.00E-04	1.00E-04	0.23239377	0.31227169
1.00E-04	0.66201723	1.00E-04	1.60676907	1.1229027	1.87266101
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67105408	1.64811862	1.00E-04	1.34083096	1.80952429	0.30974433
1.00E-04	1.00E-04	1.42763756	1.16373716	0.66278728	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.97093798
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16276316	1.00E-04
0.49592013	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53952761	2.18742852	2.18505109	2.433229	2.3012923	1.86996645
1.00E-04	1.00E-04	1.00E-04	0.45991406	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57497591	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.31765625	1.6068095	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.39752354	1.83024663	3.12830048	2.95011146	3.39285343	3.34224199
3.90529431	2.88004487	4.20584905	3.55911319	4.69626811	3.20977958
1.19736496	1.62972004	1.00E-04	1.30408751	1.82386662	2.46808148
3.94486689	4.27540879	2.50177553	3.09107423	4.00509176	3.72279842
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.66439313	4.56010005	4.41514928	4.3603543	4.36615636	4.61937958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.86852961	0.63059812

1.00E-04	0.59560932	1.00E-04	1.00E-04	1.25229772	1.00E-04
1.00E-04	0.38408963	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1937719	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.5557542	3.26959114	5.79863095	6.03957713	5.65077798	5.64211527
2.37939659	3.00853209	2.93642202	2.3579841	3.09309324	2.60840042
2.82645252	2.21670203	2.46951055	2.15093188	3.09454273	3.33953082
4.32887619	4.36681053	4.12415569	4.84951085	4.61835783	4.90316718
4.80441382	4.78983768	3.89430777	4.38441794	4.34606311	3.87040237
1.98143514	2.74424874	2.21865696	2.82434401	3.35946208	3.41315284
4.39180657	4.20149098	4.25558281	4.4919936	4.61268665	4.01892893
3.68985509	3.57346593	4.01974082	4.26783425	4.40576841	4.29468505
3.81560825	3.59440484	4.44749145	4.30087369	4.14947802	4.14132226
2.56480902	3.16454706	1.68194567	2.81457514	2.7073413	2.50385615
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.51266957	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33414029	0.87770734
1.00E-04	0.62160043	1.00E-04	0.97219021	1.00E-04	0.53812177
1.58491914	0.50399332	1.00E-04	1.44408411	1.46175493	2.05549922
1.11193429	0.67526174	1.00E-04	0.68354979	0.33052186	1.09630142
4.40810465	4.2909125	4.67119915	5.31836555	5.22161363	4.72765564
4.00217951	3.99636867	5.12442725	4.8357403	5.21292145	5.54994287
2.58313228	3.0857357	3.50530613	3.42193221	3.43846282	3.44051816
1.00E-04	1.17401717	1.00E-04	1.46961962	1.00E-04	1.00E-04
3.27001904	3.45501734	3.39306686	3.24676507	2.92428025	3.4131739
4.66110214	4.6924891	5.16340517	5.28115816	5.19529978	5.24522086
1.32101832	1.00E-04	1.00E-04	0.73505635	0.91816016	0.91065026
1.6070502	1.48437083	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72908569	1.00E-04
1.48386352	0.9602151	1.00E-04	1.00E-04	1.00E-04	0.99488632
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	1.00E-04
1.20425288	0.52991195	1.74110187	1.00E-04	1.30736606	1.15930265
1.00E-04	0.82490571	1.00E-04	0.63849114	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.68561102	3.2066069	1.00E-04	1.44142901	2.53191116	2.16679972
1.56745064	1.40615119	1.7257134	1.24646043	2.62059857	2.41757593
3.53207405	3.56217779	4.06452411	3.81202938	3.46599352	3.75868224
3.89956527	3.8945385	3.87019572	3.79178439	3.62436606	3.8094301
2.63051925	2.53594402	2.46158875	4.23440413	3.36584004	3.711882
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17637488	1.00E-04
5.03727352	5.05699802	4.41550067	4.31336243	5.47196237	5.30809958
2.63666162	3.17171341	1.00E-04	1.00E-04	0.25750812	0.81801716
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.0104472	4.81959512	4.42258297	4.91214621	4.96864118	5.15699316

3.52099848	3.41620056	2.65365772	3.13691163	3.171793	3.20896821
0.69267551	1.0086754	2.18505109	1.23287782	2.24278363	2.13985543
1.00E-04	0.99059563	1.00E-04	0.53238302	1.00E-04	1.00E-04
0.72375712	0.93916398	3.00749651	2.91622624	2.75085007	2.94322765
3.34233261	3.67790869	3.73255876	3.38611646	3.12709894	3.49378567
2.7856424	3.0210176	2.25357777	3.00906219	3.09315774	2.5661242
0.62872675	0.50028658	1.01811585	1.00E-04	0.88450621	0.79385688
1.00E-04	0.48013639	3.83782822	2.64888539	1.91459053	2.65645875
1.00E-04	1.00E-04	1.00E-04	0.20501279	1.0063635	0.98704581
1.13595529	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.31443763	1.0408453	1.38754516	2.23072201	2.05787407	2.22673466
0.65481446	1.41841976	1.00E-04	0.66574538	1.1010152	0.96150586
5.5620738	5.76273966	6.60093307	6.6102109	6.79298266	6.67859434
2.58551333	2.65316495	2.55032519	2.77627781	3.07557134	2.78038537
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64652675	0.55653387	1.00E-04	1.00E-04	0.72805215	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.49475794	2.95000702	3.38550418
1.00E-04	1.6787115	6.00456405	6.07781395	6.27724336	6.80341276
4.55949012	4.91732035	3.32921899	1.00E-04	1.51828693	1.04822155
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.34302561
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.18295399	0.68701705	1.00E-04
3.96426278	3.91174649	4.2613005	3.90468564	4.20163685	4.42500959
5.11171083	5.31192855	5.07430376	5.31059196	5.05254171	5.31961397
5.44070775	5.41162558	5.38877965	5.12096017	5.26396736	5.28708284
3.01367705	3.01394622	2.82689136	3.00320727	3.07520556	3.07114322
2.82888542	2.80986939	2.45031914	2.62787075	2.72177332	2.98697279
1.2472949	1.27197583	1.28316224	1.00E-04	0.7657635	1.00E-04
2.88161218	2.88740515	2.86506942	2.43169139	2.80187253	2.94122121
1.65212713	1.74337465	1.00E-04	0.88239944	1.60126805	1.60059927
1.43651897	1.19002672	1.06844428	1.32385921	1.95111328	1.61584957
2.7182234	3.06997835	2.86289398	2.51992045	2.85680766	3.29690807
4.30410121	4.23383982	4.96579015	5.10050032	4.88245295	4.75965447
5.00541422	4.97502256	5.15976357	5.27217184	4.98821962	5.20583211
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14844864	2.62910479	1.00E-04	2.82080924	2.17519486	1.54997709
1.00E-04	1.00E-04	1.00E-04	0.93506507	0.53930306	1.00E-04
0.16178697	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.17800186
1.00E-04	1.00E-04	1.52319676	0.45991406	0.61144765	0.40793063
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18086779	2.19957152	2.67229136	2.36644225	2.65452586	3.59635504
1.00E-04	0.59074735	1.00E-04	0.63389895	1.20602393	1.18385723

2.06543992	2.36020704	1.28609943	1.2031365	2.142969	1.00756877
4.69784328	4.74730223	3.78804161	4.52185262	4.53692204	4.63346043
2.62000664	1.54142143	1.00E-04	0.41871868	1.5910522	1.92722564
2.86949117	3.28218424	3.64121874	3.79498409	3.06445549	3.63997818
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.77102744	3.11307649	3.55890066	3.86248069	3.66192119	3.61059176
0.50350359	1.14185706	1.00E-04	0.15557081	2.02165147	1.3345352
0.34600017	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40709304
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	1.00E-04
2.80213281	3.05283807	3.34907034	3.22980676	2.96130387	3.11807665
3.34149182	3.52101995	1.91181319	2.09530824	2.2044256	2.37883479
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.12425913	3.82510808	3.69106635	4.24019455	3.83189418	3.89515433
2.75122358	2.78054735	2.04595548	2.75429988	2.17402319	2.36942004
3.95186169	3.8121661	1.75472403	2.49897993	2.90878529	3.21632503
2.29731437	2.18839712	1.30789632	1.46435111	1.39194564	0.97970707
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.85133274	1.00E-04	3.6243323	2.72490973	3.40335549	3.26217754
1.00E-04	1.00E-04	1.00E-04	1.24926304	1.28923667	0.24597208
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.24955614	2.05508428	5.13222135	4.92395868	5.36651746	5.35736199
2.48381551	2.48759021	2.56477711	2.61863595	2.8543688	2.71681075
1.00E-04	0.49626678	1.00E-04	1.00E-04	0.58439561	0.27250157
1.43254651	0.36710226	1.42763756	1.46272601	1.0891176	0.55323863
1.43801973	0.99975326	1.00E-04	1.10727702	0.45834436	1.31574268
3.45206806	3.38925138	2.61344236	3.72600564	3.90540802	3.98583851
3.02912275	3.32225972	1.40283744	2.38275483	2.95276174	2.49395476
1.00E-04	1.00E-04	1.00E-04	1.09872358	1.00E-04	1.00E-04
1.49798778	0.56456051	1.00E-04	0.55503205	0.63568044	1.43678936
2.10899207	0.98411038	4.25276643	3.30181	4.25276319	4.60379877
1.00E-04	0.87276769	1.00E-04	1.00E-04	0.33647818	1.00E-04
1.39266552	1.24638011	1.82713664	1.75854422	1.15344986	1.3530567
2.94353778	3.24344317	3.02059021	3.12061759	3.38731872	3.57065616
4.88755978	5.09150273	4.57400686	4.65659791	4.96368258	5.11302318
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77326394	1.46267278	1.00E-04	1.72057419	0.33647818	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29610852	0.6641313	1.00E-04	0.48793187	1.03137109	2.02666741
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.33096616	3.20837205	3.04675399	3.18777335	3.34768383
2.55483579	2.79834133	1.38754516	1.4035359	0.99000157	2.62910741

2.04692263	1.25152582	1.75472403	1.00E-04	1.53719025	0.94092509
2.80846439	2.72901225	1.00E-04	1.72319319	3.01944307	2.93435017
2.48084907	1.73982964	1.00E-04	1.18734357	1.68391857	1.2241058
2.88642159	2.55695266	3.13477947	2.39389233	2.99741286	3.24281828
0.7456603	1.32034413	1.27996271	0.80306694	1.91079955	1.51908276
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22725774	0.14317243
0.88203774	1.14408939	1.27996271	1.29725576	2.03113562	1.04034387
2.32187888	2.56771965	2.45302426	2.17516846	2.50811432	1.75045078
1.95805002	1.81739534	4.0039819	2.81741743	3.64562048	3.95314341
2.70529705	2.9622791	2.65636542	2.72296455	3.0245113	3.12422585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.29259296	3.00606822	1.11518827	1.89999051	3.02559733	3.32660811
1.79667335	2.16033971	2.33788144	2.82028674	3.08893429	3.57438372
1.00E-04	1.00E-04	1.00E-04	1.04788979	0.88147023	0.93499967
3.32740806	3.30978379	3.59502744	3.20293127	3.52748235	3.16188313
3.33701385	3.3814721	3.02631883	3.36912639	3.73286228	3.59670012
3.17366733	3.36658668	2.26969129	2.36653569	2.62111677	1.72156138
3.44360818	3.67876345	3.78116051	3.28101777	3.48599232	3.41600367
3.81571218	3.79054923	3.62229034	4.46648977	4.25081759	3.93811171
0.73897369	0.3967811	1.00E-04	0.95962353	0.69415157	0.77567927
1.00E-04	1.00E-04	1.00E-04	1.51370132	1.00E-04	1.00E-04
2.19175492	2.87027689	1.00E-04	1.00E-04	0.33519333	1.00E-04
1.16349914	0.96289389	1.00E-04	1.00E-04	0.97740657	0.65233351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.85630461	2.39247428	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.23966341	3.05844348	2.78555124	3.18423424	3.10540465	3.51261404
3.14761503	3.41596532	2.35742396	3.14372266	3.56702471	3.66474168
3.76708173	3.66451071	3.33429143	3.5623692	3.20152635	3.66801381
1.96024398	2.72123995	1.83013888	2.397851	2.40295684	2.58112981
1.43676481	1.80175268	1.00E-04	1.66541709	1.95296977	1.88678785
2.16317636	1.32793415	1.00E-04	2.71395434	1.43785817	1.71747508
2.26852791	2.22108564	1.00E-04	0.73342256	0.72240089	0.78004197
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8818268
4.94532213	4.96568685	5.02634531	4.64777833	5.01382235	4.98907827
3.82848735	3.73373898	2.80889899	2.88880321	3.09452134	2.77763283
1.3087108	3.00188129	4.23638276	3.94923019	4.63968682	4.60798059
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92908934	0.77393875	1.00E-04	1.85800853	0.62925662	0.65200641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12428706	2.57742298	1.80495607	2.676035	2.3846918	2.83274099
4.26204194	4.41981226	3.5953209	3.82899529	4.15462233	3.96093008
1.58302461	1.00E-04	3.0785211	1.47806113	0.10440683	1.00E-04
0.54572308	0.36710226	1.00E-04	1.00E-04	0.23239377	1.00E-04

1.00E-04	0.8426349	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.7712905	2.24355238	1.30986649	2.71406082	2.39563736	2.61771532
3.38173063	2.62720449	3.1403056	2.83575499	2.60327123	2.90515462
3.41540206	3.58204246	4.08846306	3.53690012	3.38056857	3.42026138
5.32391881	5.02591715	5.09057036	5.31934746	5.3913144	5.20445821
4.49190457	4.83322703	2.07732986	1.73381761	3.00796305	3.14460562
2.3817759	2.70494123	2.08421616	1.14643114	1.55806448	1.4391452
4.30678148	4.49945401	1.00E-04	2.41294808	2.00775818	1.01650188
4.36910975	4.38617133	1.00E-04	1.03633272	0.99614332	2.09571676
4.29337835	4.26109046	1.49210505	2.12063257	2.25127662	2.39641727
5.50561358	5.62513474	1.00E-04	1.40583295	2.10262315	2.99323422
4.18296099	4.33130801	1.00E-04	0.68771466	0.66387547	0.15671146
1.00E-04	0.49885661	1.00E-04	1.00E-04	0.74484335	1.00E-04
2.41549935	2.62325978	2.54434342	1.98891294	2.67791823	2.21768796
3.2830334	3.31696233	3.77100614	3.75723241	3.84662448	3.94712437
1.90490888	2.31650655	1.00E-04	1.91934623	2.05610912	2.96653931
1.56894767	0.59418646	2.08421616	0.71307202	1.25377087	0.75120144
0.58826351	0.21289605	1.00E-04	0.66574538	1.03871884	1.00E-04
2.03606396	1.33023101	2.10092533	0.5252732	1.78690742	2.41369689
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45472418	0.4887782	1.30789632	1.51122416	2.38183395	2.17811206
1.90000716	1.78290337	1.00E-04	0.53821433	1.34361118	1.60315482
1.32133748	0.71020935	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.39487206	2.89103279	3.16445918	2.2291265	1.57962869	2.64419708
4.6277627	5.0904728	4.67900437	4.78733926	4.66550749	4.73611781
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58345775	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53530706	0.50852259
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.61711785	1.00E-04	1.00E-04	1.19750848	0.43189376
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45121182
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17279347	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99090222	1.00E-04	1.00E-04	1.00E-04	0.58436017	1.00E-04
1.07331026	1.00E-04	1.00E-04	1.00E-04	0.4783264	1.00E-04
1.13482713	1.00E-04	1.00E-04	0.51536651	1.00E-04	0.13038568
0.15907666	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12413672	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89468821	3.18653354	3.77820059	4.30547395	4.05715806	4.27867382
2.22072986	2.56698258	2.60490724	1.73772867	1.78588466	2.39430445
3.28559048	3.40925321	3.37412707	3.81424531	3.52243183	3.50495194
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6232618	2.34125424	2.50915146	2.40620031	3.67238624	3.5211638
4.0583511	4.09849215	3.91356502	4.53131212	4.6179145	4.69217407
1.5597734	1.94053468	1.00E-04	2.30011662	2.52006556	1.95563542
1.00E-04	1.00E-04	1.00E-04	1.0380396	1.00E-04	0.49691685
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.21750123	5.21295607	5.29580545	5.37793283	5.84697402	5.84217194
4.57751954	4.56356558	4.12905042	4.72320743	4.1919635	4.23899194
1.00E-04	1.0146536	1.00E-04	1.18874453	1.3869383	1.22676736
1.9248673	1.36406213	1.00E-04	2.05537801	1.74898421	1.50389695
3.9566235	4.01884632	3.33687558	3.67248483	4.01794114	4.07306979
5.27702855	5.30231394	3.92328351	3.38759465	3.36824483	3.0812133
0.68386031	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62848175
1.00E-04	1.00E-04	1.00E-04	0.50430847	1.00E-04	1.00E-04
1.00E-04	0.39496032	1.00E-04	0.72536601	1.00E-04	0.14485168
1.20639078	2.33516395	2.55966632	1.87832446	2.18023324	1.97833182
4.19837613	4.16203535	2.38255907	2.60906931	3.1752215	3.26654658
1.16808193	1.00E-04	1.00E-04	1.00E-04	0.72191068	1.12791888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.98305798	5.09653233	3.77325158	4.18229055	4.66697133	4.36361635
1.3287853	1.00E-04	1.00E-04	1.36978456	1.00E-04	0.44347704
0.60842651	1.00E-04	1.00E-04	0.86734939	1.00E-04	0.95924541
2.71740593	1.89954415	2.17355975	2.59090309	1.64214935	1.90945734
4.1465633	3.84389591	3.89732618	4.04183053	3.91281858	4.36415182
2.79056534	1.44823407	1.7100959	2.1697123	2.99263174	2.93998773
3.42573569	3.58546262	2.96229085	3.38798836	3.54987646	3.70799752
3.06958026	3.03018698	2.41439412	2.80653196	2.94265933	2.96567743
0.09292159	1.00E-04	2.17225676	2.60541992	3.56582061	3.53491253
1.00E-04	0.46062364	1.00E-04	0.54938023	1.00E-04	1.00E-04
0.57026941	0.65423914	2.04595548	1.00E-04	2.07725059	1.14360458
2.9864071	1.28582586	1.00E-04	2.81234079	2.4985861	1.30123323
1.23672434	0.89374296	1.00E-04	0.88877215	1.82067176	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55880742	1.29000402	1.00E-04	1.00E-04	1.00E-04	0.74336161
1.38810417	1.684995	2.46099858	0.65441689	1.58622573	1.47668688
3.62297714	3.97323758	2.4823936	3.30259058	3.79763702	3.62202895
2.94072661	3.43164525	1.77763584	2.94499097	3.54376494	3.27565387
4.16168094	4.14637927	3.84731197	3.79350147	4.04085393	4.21647116
2.92362215	3.27638609	2.87995388	2.52812458	3.69122359	3.1171174

5.60757927	5.44820089	5.619701	5.70968751	5.78892446	5.59947986
1.69923708	2.22148227	3.63470783	3.42205552	3.74060731	3.70252831
2.92227653	3.31024873	1.00E-04	2.0574016	2.42329371	1.60741827
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.78707234	2.05147998	2.41936865	2.16492714	3.00885802	3.00302904
1.88205542	2.26921304	1.00E-04	1.39412902	0.85427943	1.17369126
3.60573336	3.25463931	3.33427763	3.36323907	3.08360593	3.2727301
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.76611295	4.61120175	4.02585161	3.93971561	3.8620922	4.10018795
3.84029643	3.62930211	2.56084697	3.85174319	4.30314258	3.90861418
1.00E-04	1.00E-04	1.00E-04	0.95864566	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.96753795	0.95635623	1.00E-04	1.13474695	0.38688109	1.15175795
4.09467979	4.13892461	3.84127151	4.24698259	4.30350259	4.59180578
1.32380498	1.86784549	1.00E-04	1.12526686	2.29143713	2.66574759
4.78786256	4.65138361	4.46956644	4.53648226	4.63470697	4.47963696
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.86964957	5.64025755	6.02510024	6.05876904	6.04272123	6.03705334
3.32420894	3.59081061	3.79319525	3.33882668	3.37719165	3.77363054
2.45442388	2.85940051	2.66327094	2.62252061	2.7713998	2.74980462
3.09506393	2.84755421	1.67979948	2.75071772	2.50810818	2.71324664
5.86554151	5.97835257	4.97686033	4.59051816	5.43248928	5.50584509
3.48951154	3.59721381	2.36413107	3.12219756	3.16647179	3.4000349
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72824068	2.4752016	2.03123029	1.72468548	2.07809673	2.41801207
1.34885102	1.7805366	1.00E-04	1.82922138	1.90093371	1.85210391
0.83188087	0.86125158	1.01811585	1.00E-04	1.47189892	1.06545926
2.41784693	2.1745896	2.0881732	3.13882603	3.28768768	3.4830309
3.57109568	3.25752445	1.88496008	2.90644048	3.46223145	3.37979847
4.19990566	4.02458971	4.0840231	4.04320421	4.11206732	4.12236508
1.21188998	0.67284418	2.27830836	2.74508405	2.17261482	3.28372129
4.24751068	3.88651183	4.78820203	4.96022651	4.87137252	4.81023447
4.89006398	4.97420429	4.09224233	4.51856328	4.37433247	4.68637237
1.58868861	0.32854769	2.23017301	3.59524775	3.20847566	3.1549675
3.27933099	2.97308019	2.89205623	3.12436731	3.73744549	3.53406868
3.06679277	3.3669307	2.75867894	4.07552229	4.40297295	4.00704437
4.7234732	4.98222086	4.914864	4.43337308	5.1837361	5.25385734
4.55150023	4.53536839	4.77017446	4.59696667	4.22392496	4.38362454
2.71027102	3.24796405	6.66989645	7.1955718	6.95813383	6.90095316
1.28164214	0.98637702	1.00E-04	1.66637972	1.46512027	1.00E-04
5.88374476	5.80232442	6.6529635	6.87766036	6.65258272	6.67873349
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.0312206	1.61652661	1.00E-04	1.3520614	2.40523106	2.23570363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.30789632	1.00E-04	1.00E-04	1.00E-04
5.74124428	5.79760999	5.89844892	5.81582929	5.88116127	6.06439349
3.09281185	3.22817713	3.72902325	2.97876042	2.85707184	2.62561423
4.11511575	4.4272759	3.38122883	3.86232368	4.39196323	4.41477403
0.68386031	0.72542868	1.00E-04	0.37771766	0.29405942	0.12854881
1.00883686	0.72342246	1.01811585	3.20937942	2.36120021	2.95409281
0.98292156	1.93858304	4.4196719	3.87620787	4.25092897	4.86828312
3.74283453	3.34081231	3.51014968	3.44597467	3.45017667	3.58975916
4.12557678	3.86295141	2.59891761	3.40748584	4.41022333	4.0221034
1.37931436	1.83965151	1.38754516	1.39956886	2.79506214	1.2665785
1.79075386	0.68604571	1.00E-04	1.62126134	1.36853656	1.11408682
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66284429
5.80680778	5.71145212	4.40553598	4.52547764	4.20483628	4.25602779
1.62458261	0.62062011	1.11518827	0.4266763	0.85009724	1.00E-04
0.38155136	2.38611994	3.30092043	2.60249325	1.96418093	1.96043678
5.00128336	4.93448944	3.80919694	4.32027519	5.37245357	5.16945807
2.56050524	2.81020408	3.35648075	4.18990037	3.71340369	3.44907136
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38224435	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60240136	1.31725781	1.00E-04	0.92518055	0.82424261	0.19641509
2.85758278	2.44242739	2.70586378	2.79844782	3.1083091	3.17093043
3.07132142	3.10342959	3.42414704	2.58933812	2.92840125	3.214944
3.58159748	3.64944236	3.76227459	3.4997367	3.09937474	3.33137229
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6.64422161	6.22898437	1.00E-04	1.00E-04	1.31326128	1.00E-04
1.29711238	1.00E-04	1.00E-04	1.00E-04	0.76119895	1.00E-04
3.72190235	3.64903575	3.69818092	3.2622752	3.72833442	4.03450765
2.89585856	2.33845387	3.06258611	1.99953316	2.49038803	2.61574101
2.77371343	3.13409814	3.36738963	2.70828797	3.07150868	3.33627389
2.67516675	2.92187046	1.9503961	2.38074903	2.70540707	2.20057958
4.35593283	4.28069425	6.32297988	6.53096496	6.73025115	6.80517072
2.35566649	2.48421063	2.5487962	1.78074735	2.42795816	2.62731017
0.43243323	0.5780606	1.06844428	1.35920341	0.89155653	1.09902665
0.44102711	1.2239194	1.00E-04	1.58933479	1.27677533	1.28873566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73197331	1.35622633	2.18505109	1.39467432	1.26543411	0.21329315
3.93686341	4.14914057	3.60527629	3.80782531	4.18248306	4.11530235
3.71233005	3.50431421	3.17528467	3.92791903	3.92362271	4.06602378
3.36540129	3.21246522	3.26174005	3.27892664	3.74671192	3.78346605
3.52157073	3.31410411	3.33404179	3.45271687	3.2758335	3.6656436
5.29295544	5.06891388	5.49845578	5.79145381	5.4323199	5.35700819

3.52704518	3.8669499	3.76079546	3.88620232	3.557794	3.97443432
0.59719642	0.93954933	1.00E-04	2.0468117	1.65415964	1.55995066
2.8404525	2.7503524	2.91514535	2.54607185	2.9932967	3.21795283
1.00E-04	1.00E-04	1.00E-04	0.44286825	0.91587234	0.14317243
4.52856051	4.6718503	5.27262529	5.00556808	4.45539959	4.75208237
4.09157524	3.59588053	4.60961047	4.04998171	4.06195777	4.22898403
1.00E-04	1.03621082	1.00E-04	1.61837705	0.65820978	1.35557068
4.82089735	4.70880766	4.269153	4.47953948	4.29058824	4.53231109
2.78258084	3.02922445	3.71323376	2.74673452	2.92823353	3.41761001
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45860584	1.00E-04
3.26663696	3.03424621	1.30986649	2.50801538	2.48985886	2.97733271
3.26776892	3.48408848	1.89266115	2.62249191	3.33476246	3.07037132
4.13073636	4.05512994	4.30562914	3.58999717	3.67127571	4.01867745
2.07287747	2.67963529	3.01711804	2.15247398	2.42998145	2.18639578
3.12494372	3.3265422	3.40204738	3.10141205	3.32539557	3.54798296
3.72628604	3.53033963	3.3646299	2.32484319	2.83550242	3.62671639
3.62395664	3.91301677	3.93662892	3.75333251	3.80277324	4.2597232
2.70686694	2.89752791	2.26668789	2.36392183	2.75003621	2.15914441
3.43255542	3.15318396	2.45686601	3.12525199	3.28078413	3.76267532
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.13041186	2.77876185	1.00E-04	2.6471103	2.83261192	2.57788221
1.55763062	1.32029132	1.00E-04	1.13961488	1.03257952	0.5095429
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
1.00E-04	0.64887418	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90609459	1.00E-04	1.00E-04	0.77721523	0.44887926	1.00E-04
1.42267124	0.67318844	1.00E-04	1.00E-04	0.69263663	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.2097906	3.14973802	2.88263841	2.94416254	3.55575728	3.57593296
3.42415815	3.48061255	3.58088769	3.57483154	3.59420177	3.27473504
2.94175134	2.41458398	3.18669512	3.37856389	3.36087136	3.6041353
2.92809677	2.94294127	1.28609943	2.44916772	2.63634142	2.66302051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22716544	2.68817188	5.16483565	5.77430595	5.7837506	5.69591039
3.10715096	2.58760788	3.02056976	3.34577311	2.86343841	3.18930032
2.69483803	2.50108401	2.56093216	2.63245972	2.98694221	3.27379
3.89804617	3.86969023	3.20753092	3.65849794	3.57802879	3.50000468
4.28707803	3.84209007	3.39838257	4.31960401	3.93495186	4.17275974
3.94863738	3.72159469	4.27574268	4.41575179	4.42927431	4.39591581
2.79881497	2.56095175	1.38754516	1.98300776	2.17121564	2.66261214
2.88624231	3.27181032	2.70810738	2.6240141	3.30196695	3.31582022
5.36918712	5.22464808	4.84554058	5.08637842	5.22657741	5.40707544
0.99096997	1.19036544	2.42921934	0.97189337	0.97485396	1.75958463

5.4362658	5.2555338	5.14369998	5.47797123	5.18109995	5.32740675
5.07570191	4.96287306	4.86707282	5.20277264	5.16086217	5.43932271
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.12129777	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67265997	1.98400117	1.00E-04	0.81177465	2.03562129	1.20661643
1.00E-04	1.00E-04	1.00E-04	0.87693458	0.41777243	1.00E-04
1.49165117	1.62440589	1.00E-04	1.00E-04	1.75985901	0.62204603
0.1163586	0.48913524	1.49210505	1.88094387	1.50103632	0.43251302
4.80281409	4.76458592	4.83113558	4.98102885	5.11744098	5.30835594
3.42539735	3.79720322	1.00E-04	3.49400022	3.5204928	3.4288525
4.3026993	4.70838207	4.45847141	4.69393383	4.645392	4.97613813
1.40822826	1.00E-04	1.00E-04	1.00E-04	1.26797442	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.20527357
1.00E-04	1.00E-04	1.00E-04	0.66130263	0.62739879	1.00E-04
5.27423271	5.45823252	5.57394309	6.02592805	5.70638394	5.91438841
4.20421478	4.00935264	3.84471603	4.10919913	4.59446413	4.64918391
2.17327335	2.1617082	1.60160529	2.02565725	2.04584357	1.59114199
1.43206965	2.33566743	1.82713664	1.51568772	0.52132302	1.0866092
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39916426	1.00E-04
0.51186136	1.00E-04	1.30986649	0.78996092	1.00E-04	0.53054394
2.62328668	2.90157165	1.00E-04	2.38397242	2.78742599	2.78054314
2.69011185	2.28149579	2.813808	2.34241947	2.86694732	2.77907222
3.79767433	4.01222377	2.96637638	2.81209854	3.39509914	3.38709869
4.14167222	4.12054636	2.74904177	4.12297491	4.36260918	3.91367341
0.27093267	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.53531908	4.59593607	4.42586038	4.34898788	4.47257392	4.68923915
2.77650451	3.13753612	3.10054392	2.62265861	3.17626589	2.74405241
3.94249327	4.27147733	3.46276936	2.95704059	3.8607101	3.35429566
1.00E-04	0.66201723	1.00E-04	1.00E-04	1.00E-04	0.46104644
2.52655123	2.68666418	2.57398477	2.76211423	2.55488642	3.22523107
3.37525992	3.14212836	3.7570356	3.92870207	4.11949088	4.30506903
2.97664221	3.20490367	1.00E-04	1.32060797	2.00500678	1.63245356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.95214278	3.23852174	5.41476159	5.54894902	5.44590343	5.83607041
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55703647	1.00E-04	1.00E-04	1.00E-04	0.53844945	1.00E-04
2.15677321	2.01201341	1.49210505	0.34813435	1.47406637	0.83290358
1.00E-04	1.00E-04	1.00E-04	0.84528238	0.34578266	1.00E-04
0.4365896	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.55176112	1.00E-04	1.00E-04
1.67117033	0.32854769	1.00E-04	1.22591371	0.65379504	1.24734489
1.75880319	2.44542057	1.00E-04	1.24451903	0.33550669	1.87324625

1.00E-04	1.00E-04	1.00E-04	2.00226877	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.71417168	0.26210848	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	0.34272783
3.11506388	2.07410962	1.00E-04	2.03082158	2.27863312	0.80960704
0.53612888	1.29997791	1.00E-04	0.37250181	0.62556567	0.63250491
1.37756798	1.04165332	1.00E-04	1.59128656	2.46047609	0.91025042
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.33755376	3.38508916	2.54609758	1.64009904	2.14482746	2.59986293
1.00E-04	1.00E-04	1.11518827	1.00E-04	1.00E-04	1.00E-04
3.46440027	3.57708116	1.00E-04	2.21726263	2.38261276	2.71240354
0.16178697	0.30163127	3.26258104	3.93379132	3.6212549	3.92389382
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.71815302	3.89386623	1.00E-04	1.90531439	2.20485328	2.18664137
2.67381078	2.19252676	2.49308876	2.84938986	1.88491776	3.13871575
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.86029396	5.07217958	2.04027175	1.23885776	2.60640776	1.98121496
0.87076169	0.59418646	1.00E-04	0.91996008	0.25750812	1.00E-04
1.22681208	1.12530392	2.69587371	1.00E-04	0.90309055	2.69874535
2.220666	1.81368484	1.00E-04	1.00E-04	0.80425185	1.30346278
2.65645313	2.06500904	1.00E-04	1.00E-04	0.88069986	0.56131478
0.8085954	1.88721629	1.00E-04	0.5252732	1.66895594	1.32099297
0.56427265	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.17935476	2.99554211	3.0956344	3.03214386	3.95785688	3.72740529
0.33863567	0.90571514	2.59899614	1.4734348	2.69240919	1.90408336
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.17279347	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.51091815	0.34578266	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23405404	1.90624042	2.17829748	1.62359691	0.95733461	1.26053513
0.44087771	1.00E-04	1.74110187	0.34813435	1.29126333	2.06861899
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.72512679	2.64463198	1.30789632	2.75980966	1.73432662	2.13489292
4.30460243	4.3807297	5.081389	5.12145956	4.84516417	4.78177265
3.7737929	4.02341057	1.00E-04	1.83368417	1.95223413	1.78381503
1.33936325	1.7864758	1.9520273	2.50656949	1.15406426	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90881262	0.41316046
1.00E-04	1.00E-04	1.00E-04	0.48793187	0.58408879	1.00E-04
0.60921047	1.00E-04	1.75472403	1.19514754	1.74555842	0.16236604
1.00E-04	1.47857645	1.9503961	1.00E-04	0.8347096	0.37077044
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03083267	2.00073838	1.00E-04	1.00E-04	1.00E-04	1.00E-04

4.33268422	4.29188557	3.75810685	4.32317694	4.53685666	4.28701492
3.55256874	3.51407774	3.41894702	3.97455376	3.6160324	4.01991968
1.2712657	1.66952641	1.00E-04	1.08852879	1.82273384	0.48063511
0.09415495	1.00E-04	1.00E-04	0.97219021	0.31843376	1.00E-04
1.10325548	1.09522715	1.00E-04	2.81022553	2.88392304	3.44092206
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36542706	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30661977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08213076	0.53054394	1.00E-04	1.00E-04	0.18229203	0.87746805
4.95043934	4.64179461	3.31424077	4.41130867	4.53527764	4.27360002
2.80983866	2.39709137	2.26884573	2.52933726	3.01646393	3.26434871
3.56586466	3.72787009	2.80503567	3.16975103	3.45442929	3.15949407
1.00E-04	1.67920815	1.00E-04	0.58519203	1.32377246	1.62565338
2.77783569	2.49833663	2.24726389	2.44110374	2.55895418	1.48320508
4.30471054	4.28542742	2.54587343	2.14811809	3.72731731	3.89535503
1.00E-04	0.3708313	1.40283744	1.00E-04	0.11579337	1.00E-04
0.66023508	2.18455253	1.00E-04	0.71219483	1.33170505	1.95442628
4.25939847	3.29389062	2.35893046	3.23584235	4.88915094	4.66790393
1.45473492	1.63526131	1.00E-04	1.1233493	1.73797322	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32389397	1.00E-04
5.46332821	5.40665161	4.83267723	4.83643458	6.15110146	5.86203314
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62204603
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.55975975	1.00E-04	1.00E-04	0.43517553	0.62848175
0.76033547	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.01361748	4.11645596	2.49029615	3.6441607	4.03864805	4.22349273
5.39260618	5.25558716	3.88971649	2.93262159	2.99837334	3.92469094
2.04831078	2.04517181	1.00E-04	1.27035495	0.13235227	0.72460199
0.47586128	1.28322133	2.27018567	0.5755218	0.96938261	0.44287933
4.13350884	3.90850556	1.75472403	0.86014803	1.58636431	0.257371
3.77625251	3.8761408	2.5989528	2.84994914	3.4561283	2.91467812
3.52778477	3.94899754	2.08421616	1.61360436	2.91567411	2.54627291
3.87226175	4.44642179	5.60261428	5.82390758	6.08661361	6.23859643
1.932082	2.6308636	4.90124531	4.24149717	4.47054353	3.66930384
2.01803939	2.38829657	3.44838791	3.63704025	2.70346216	2.74559379
1.00E-04	1.00E-04	1.00E-04	2.02783272	0.5021994	1.17800186
5.39028639	5.37722916	5.74450538	5.68102883	5.85217227	5.95081429
1.24848777	0.36710226	1.00E-04	1.23660884	1.50634473	1.02411408
1.00E-04	1.31526485	1.00E-04	1.00E-04	0.10440683	1.00E-04
3.6505079	3.6223359	2.12829077	2.76433798	2.80842467	2.7834431
1.00E-04	1.00E-04	1.00E-04	1.43600531	0.36639306	1.00E-04
1.00E-04	1.08077572	1.00E-04	1.00E-04	1.42930284	1.00E-04

1.77135628	2.24907399	4.63678929	4.45133745	4.36634361	4.44407565
2.09043236	1.53659469	1.00E-04	0.76620686	0.50204647	1.00E-04
0.45390172	1.00E-04	1.00E-04	0.65562728	0.29281054	0.95638602
2.92520911	2.80749652	2.04184196	2.63479094	3.19954701	3.00808875
0.30060549	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.64186941
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
0.37624481	1.00E-04	1.00E-04	1.00E-04	0.80701998	0.21329315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58539279	1.50421355	1.11518827	1.61511367	1.64560466	0.92988209
2.06003517	2.10634543	3.0785211	0.82848243	2.38668295	1.36385813
0.43421155	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38874354
0.96442021	1.61476127	1.00E-04	0.77511777	0.74999654	1.48601528
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60252178	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56534747	1.89443208	1.00E-04	1.88721507	1.41149319	2.01271425
0.64937513	1.42901374	1.00E-04	1.00E-04	0.92981161	0.13038568
1.00E-04	1.00E-04	1.00E-04	0.45991406	1.00E-04	1.00E-04
0.82204417	1.00E-04	1.00E-04	0.71417168	0.86824949	0.16236604
1.00E-04	1.00E-04	2.53664672	1.8449469	1.45616279	2.09636744
0.30980585	0.55253127	1.00E-04	0.14912336	1.40276817	1.38954168
0.30060549	0.5780606	1.00E-04	0.80306694	1.69244132	1.22249041
1.00E-04	0.3967811	1.00E-04	1.28175203	1.19812338	1.51330817
0.16178697	0.43600786	2.41654993	3.07705867	3.60238097	4.00687867
1.00E-04	0.21289605	1.00E-04	1.22509852	1.00E-04	0.16236604
3.84698758	3.61168198	4.5207887	3.89122183	3.74505195	3.87731811
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.14037915	4.25930192	4.69984234	4.20568162	4.35995789	4.69088668
3.63588836	2.99097377	4.96406826	5.0784783	5.20257613	4.9605409
3.72083514	3.54154574	2.9291896	3.96216861	4.09602265	4.09594195
4.10494283	4.61281411	3.16756556	3.51011851	2.9590922	3.21458603
3.44448216	3.20024505	2.206252	1.42374967	2.58288943	2.83128348
0.45571847	0.93314503	1.00E-04	1.95176703	0.63501279	0.24928507
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3883143	1.00E-04
1.00E-04	1.00980819	1.00E-04	1.00E-04	0.83160248	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39172399	0.64887418	1.00E-04	1.47335354	2.07446396	1.45433964
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75982702	0.86356763	1.00E-04	0.81392237	0.41749904	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.39369513	1.00E-04	0.37073618
4.40846354	4.22676578	3.53885602	4.52211268	4.85739068	4.72342251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.54051059	3.39632308	3.17290766	2.44893713	3.18370822	3.70608881
1.74140741	1.3056266	1.06844428	1.64077766	1.57048034	1.54126759
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.7343516	2.98036942	1.89266115	2.41415635	2.77793987	2.63455853
1.41707856	1.63910032	1.00E-04	0.74310137	1.00E-04	1.00E-04
2.08733671	2.39181164	1.01811585	1.67596576	2.30761844	1.93350342
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.76288184	3.75347464	3.58035447	3.87629226	4.27306771	4.20108237
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91754055
1.00E-04	1.00E-04	1.00E-04	0.65887123	0.34256768	0.96598066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.42358353	3.26193343	3.32233203	3.32311385	4.05544989	3.68747572
1.00E-04	1.01356337	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.5943254	4.62310451	6.01996758	6.07737857	6.15246652	6.32752765
1.00E-04	0.56456051	1.00E-04	1.00E-04	0.46535134	1.00E-04
1.00E-04	0.63220067	4.75612941	5.04142506	4.71455936	3.9212919
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89335227	2.84290384	4.085192	2.59323864	3.32708909	3.57173892
5.70163992	5.64249291	5.76989189	6.17626211	5.79200353	5.7226402
2.42573602	3.09657883	2.98815001	2.72934692	2.7865183	3.1031704
3.94830848	3.82055541	3.90560359	2.97385497	3.50122522	3.29926543
4.58747348	4.61665051	5.30637239	5.35152365	5.47483891	5.29477058
2.84005806	2.6140455	3.31897245	3.23148389	3.6090467	4.00129939
1.09978954	2.27629398	1.30986649	1.94469523	2.18951319	2.34141736
1.00E-04	1.40243872	1.00E-04	1.00E-04	0.45995863	0.64556232
0.92349562	0.58441889	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.67103194	2.55005156	1.00E-04	2.33698844	2.14288103	1.10967751
1.79627809	2.58085034	1.00E-04	1.00E-04	1.00E-04	1.53197991
2.19977321	2.62389915	1.27996271	2.55887883	2.21492222	3.05392917
3.92900514	3.67157539	2.30590625	2.9498944	3.76246387	3.61677061
1.00E-04	1.00E-04	1.00E-04	0.69313868	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.09860096	1.07152992	1.11304437
1.00E-04	1.00E-04	3.42784156	2.9487527	3.14257634	2.35150678
1.82395579	1.8754695	1.67979948	1.80541755	3.13636543	3.0925633
2.31767758	1.81569267	2.48408596	2.88212949	3.2836669	3.12866217
2.27946781	2.24316735	2.5682488	2.89037112	3.87042713	3.27551451
2.25539026	1.76127623	1.00E-04	1.57743427	1.83065095	1.85159525
5.80567132	5.60532482	5.31977075	5.42657616	6.63641357	6.44397053
0.47462842	0.43600786	1.00E-04	1.00E-04	0.40665698	1.00E-04
2.2243757	2.3744981	1.28316224	0.64978022	2.32345496	1.25372485
2.50141048	2.01845085	1.00E-04	2.11074482	2.30973469	2.21941324
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66807046	0.15499183

5.69159156	5.29716723	6.02586745	6.04086388	5.76508571	5.73000105
3.59783793	3.6787421	3.67332734	3.78941469	3.40649165	3.57614788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.7029481	3.92393538	2.48141048	2.70936656	3.61011745	3.91103359
4.61260362	4.58578154	4.10211403	4.25982427	4.53635863	4.39045348
2.04280974	2.55637522	2.22351578	2.31281539	2.17934041	2.08286815
4.07157757	3.61087824	3.32962974	3.70197843	4.04102789	4.10740151
3.34010163	3.42191697	2.88356517	2.95541628	3.19904478	3.06620922
4.6069793	4.31963218	4.27929698	4.57817606	4.74110479	4.64776458
3.37562243	4.04975566	4.23919423	4.16802899	3.85169636	4.53103831
3.45900783	3.30291159	3.52983405	2.3091634	3.09080737	4.02633228
2.47709035	1.77982432	2.72398712	2.63618363	2.59810637	3.38761643
2.26081038	2.149434	2.83957351	2.53538452	2.84568351	2.93144209
3.97299627	4.06560044	3.18751546	3.25038932	3.64488071	3.53478955
5.01557173	5.23398558	5.33112372	5.13308971	5.33789413	5.22251993
0.73897369	1.00E-04	1.74110187	1.29530965	0.58206236	0.80110496
2.11132156	2.54445085	2.24726389	1.9333402	1.06548716	1.42021062
3.85912512	4.01506695	2.76769283	3.30835003	4.12809678	4.06362732
3.59817899	3.70637595	3.87557465	3.73937976	3.45389822	4.0101738
3.66410728	3.70050128	3.68178617	3.67850222	3.68299996	3.82907363
3.40238889	2.85534278	4.31985667	4.14932453	3.93064595	3.96722345
1.96560291	2.79254592	1.30986649	2.74009817	2.42163648	2.51863569
1.92410767	2.0462367	2.0351745	1.0380396	1.6512914	0.65545927
3.6182159	3.64283066	3.08305021	2.64754743	3.7338519	3.31202411
3.18343314	3.25131787	2.12431594	3.65142892	2.96753812	3.06700372
3.79543675	4.09982578	3.69372531	3.09886893	3.2686343	3.75544317
3.14355274	2.90521849	3.43009002	3.50169108	3.1075133	3.49841221
0.96216883	2.1048599	1.00E-04	0.37082421	1.35578786	1.6481053
4.31101017	3.76388559	3.89190833	3.88222745	3.80554198	3.90376723
2.2683578	1.85574829	3.06677062	2.12612115	2.44906504	2.33730878
2.72585571	3.02928331	3.54158095	2.572376	3.41323123	3.58625375
1.00E-04	0.85117793	1.00E-04	1.00E-04	0.34578266	1.00E-04
0.45859847	0.53054394	1.38754516	1.46862937	1.8651213	0.83769374
1.00E-04	1.00E-04	2.04595548	1.00E-04	0.68291063	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34035001	1.26142776	2.46099858	1.63574101	1.50596789	1.20034749
0.7769067	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89855949	2.76773702	2.57015601	2.93866699	3.13221263	3.79906243
2.48724905	2.37467012	2.26969129	1.08004607	0.17649229	0.92810396
1.18019718	1.03204637	1.00E-04	2.41286215	0.40665698	0.51113301
0.2866935	1.09724019	1.00E-04	0.74877042	0.56857018	0.97139794
1.00E-04	1.00E-04	1.49210505	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25750812	1.00E-04
2.97268017	3.36817382	3.26957787	2.48893512	2.70704944	3.18676879
3.97304323	3.70175404	1.74110187	2.6656365	3.58994268	3.43863766
1.34586161	0.62581593	1.00E-04	1.00E-04	1.00E-04	0.46104644
3.70449872	3.24834922	3.57939383	3.77792634	4.02898097	4.22420203
0.57907938	2.32280294	1.00E-04	0.81421222	1.2568875	2.3020258
4.25446568	4.53118992	4.67400469	4.42765977	4.389312	4.32576061
0.57026941	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04
2.67029276	2.86687017	3.98586599	3.24058849	3.71649361	3.49079903
0.44008268	1.10059939	3.11814124	1.51869109	1.90134765	1.50425604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.17230168	5.21483002	2.46682134	2.25059133	3.641836	3.45917682
1.19797886	1.50747087	2.14532813	1.82245781	2.62975402	2.0513101
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.97267207	3.21140944	3.7625962	2.87103469	3.19723356	3.15553144
4.72008528	4.28855637	1.00E-04	0.85722768	1.69209614	1.00E-04
6.3383095	5.69784559	1.00E-04	2.39134441	2.88706122	1.83166284
3.5973988	2.95540305	1.00E-04	1.00E-04	0.82231699	1.00E-04
3.05293334	2.86968913	1.00E-04	1.00E-04	1.12451669	1.64093864
3.27168486	3.84093971	1.00E-04	1.42183189	0.24021141	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.28232271	4.2065756	3.33577079	3.20762869	4.05933273	4.46627952
4.27687295	4.03776723	2.56110208	3.56821132	4.05587907	4.25061518
2.9148722	2.94281886	2.88965783	2.17390722	2.65057143	3.06970269
4.71606012	4.54689696	4.63435053	4.48946545	4.53045233	4.62031507
0.82204417	1.00E-04	1.83054554	1.34390536	0.23269493	1.44081257
5.31602777	5.41188138	3.94669259	3.95900185	4.9160143	4.80224743
2.90694731	1.93625379	2.43486782	2.34871609	2.81681396	3.06608602
2.94013838	2.5981427	2.93574006	2.5166368	3.40713162	3.2201192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.03340592	3.65790112	2.11765884	1.83518235	2.67501782	2.79190336
1.38117205	2.23421076	3.40471003	2.90501941	3.59259305	3.51120196
4.45481278	4.24412944	4.49827087	4.51069486	4.23131931	4.0925431
4.07620469	3.98357724	2.66097181	3.73393297	3.74358661	3.71333607
3.50418639	3.44760131	4.29742539	3.83246787	4.25991131	4.71099094
4.10968509	4.08905263	3.27071436	4.00690341	3.53576372	3.72503674
3.14638901	3.27900894	2.55180273	3.55577251	3.61765709	3.61128151
3.17599087	3.51844077	3.79280606	2.10620959	2.99892988	2.90191607
4.16777889	4.17718141	3.78184311	3.67296421	4.10341077	4.12423268
4.15536304	4.20342052	3.70539821	3.27745706	4.10225494	4.23390974
3.76646121	3.87922346	2.09553986	3.03774435	4.06614936	3.87359883
3.28309629	2.95046823	1.49210505	1.62100225	2.54648673	2.86953915

1.85953717	1.00698287	1.00E-04	0.7348345	1.60608687	1.64615714
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.82231699	1.00E-04
0.7745711	1.00E-04	1.00E-04	1.53991192	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.13210714	3.56235265	1.00E-04	0.7959382	0.44822484	1.59841726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23312186	1.80193967	2.61709955	1.3864311	1.82566999	2.4167665
2.83905945	3.25587838	1.68194567	3.14637357	3.82700824	3.68591684
3.27701498	3.33254343	1.60160529	2.37031512	2.82247507	3.27949157
1.00E-04	1.00E-04	2.93574006	2.1301421	1.85490016	1.83220547
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02133474	1.98631831	2.00743688	2.45987006	2.4323027	2.0469029
0.71706674	0.76805898	1.00E-04	1.00E-04	0.24021141	1.00E-04
3.69186802	4.04052857	3.21264778	3.04588346	3.56079369	3.56062598
2.84289026	3.38219704	3.25758216	3.1505117	3.20566746	3.38873919
2.45607388	3.63625963	3.58670105	2.77675576	2.9405737	2.57373114
2.06942278	2.50800047	3.66273876	2.1525718	2.35200532	1.99277687
1.90042948	1.67110901	1.00E-04	2.71134987	2.74647842	3.15682137
2.76938594	1.92851411	1.01811585	2.62198963	2.32522017	3.09921717
3.6751843	3.44867414	3.98320712	3.67375703	3.71079942	3.62569811
2.64388768	2.23689904	3.00420269	2.17569101	2.73570934	2.81650744
2.26617593	2.31032642	2.18505109	2.59774039	2.54395373	3.17780562
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41953258
1.92851448	0.97822357	1.00E-04	1.90835912	2.2021648	1.47912446
3.5576089	3.42755032	2.82143322	3.3790125	4.11204118	4.0914751
0.89087135	4.44596128	1.00E-04	1.00E-04	1.64727955	0.90726669
1.32145315	5.12489261	1.00E-04	1.00E-04	0.22713799	2.68479815
1.5281614	6.87933033	1.00E-04	0.45991406	2.52308422	5.8817528
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51194504	1.55085183	2.46682134	1.87092874	3.1689029	2.69156185
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48794717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.6004343	4.38087505	4.179108	4.47885822	4.40491145	4.21814109
0.44197566	1.22285554	1.40283744	1.32664282	1.48039174	1.00E-04
5.0543212	5.0377907	5.7580778	5.93996619	5.5871044	5.48934453
1.00E-04	0.48794717	1.30789632	1.00E-04	1.00E-04	1.00E-04
2.36813861	3.04344225	3.31395946	3.17415286	1.9279028	2.85634384
2.22538496	2.11528508	3.05451115	1.50112567	2.81115262	2.88030913
3.32237171	3.59362047	2.70596495	3.42362579	3.18357931	3.53890789
2.26231215	1.96758603	1.00E-04	1.69700854	3.08826019	2.88958252
4.68574022	4.65847009	3.60245637	4.0964139	4.00803361	4.22444191

1.07334696	0.44777316	1.00E-04	0.59574527	0.93388214	0.5128789
1.00E-04	0.9989809	1.11518827	1.62826018	0.94965031	0.98505533
0.86700902	1.33718814	1.00E-04	0.37250181	0.82311514	1.41264571
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53051777	1.00E-04	1.00E-04	0.76825397	1.00E-04	1.00E-04
1.32767526	1.50422564	1.00E-04	0.78264478	0.08158092	1.13037772
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.14266399	5.16320816	2.52583792	2.88954322	3.5586367	3.78920135
4.13842431	4.10863832	3.6484967	2.88655828	3.28765629	3.39699539
3.25914177	3.47396919	3.42628251	2.30174349	3.54155111	3.68769311
0.66899405	1.45661623	2.24726389	1.82146102	1.56202944	1.11180218
4.13810011	3.86332024	3.72034308	3.50363793	3.85549171	3.76921494
3.37490501	3.33613785	2.99425937	3.39216492	3.38462452	3.3979868
4.20628938	4.38297398	4.17422806	4.82509057	4.64494231	4.65128036
3.68852633	3.51677251	2.26754446	3.26889873	3.35678806	3.89832285
2.59701051	2.13891367	1.00E-04	2.6103286	2.58292573	2.76173775
3.75838514	3.81667272	2.46682134	2.76900914	3.15480315	3.43251185
4.58538788	4.73071521	5.35117619	5.49036207	5.51477897	5.27341118
4.68819148	5.06681376	3.6803347	2.1653177	1.2747963	2.57514622
1.00E-04	1.69658154	5.66267423	5.0964956	5.54503195	5.65154567
3.18662877	3.0782073	2.83950778	2.4934441	3.28522825	3.12859017
2.42035134	2.09551479	1.57238317	1.00E-04	2.4850401	1.95909413
3.33518877	3.46872861	3.04057689	3.48778799	3.15570432	3.19174619
2.45997883	2.80327899	1.84921664	3.09072452	2.87175135	3.54335128
3.38048024	3.61119873	2.33221482	2.1494384	2.99096579	2.46788441
2.52212245	2.82402488	2.5500746	2.56519277	2.85372716	3.47631846
0.09292159	0.68786535	1.11518827	0.32864749	1.96922082	1.37141055
2.43692411	2.37944498	1.75472403	2.21194578	2.50731537	2.41231298
5.13044015	5.0152806	3.98758194	4.2203352	4.64593862	4.75601039
0.87971104	1.47644859	2.17748588	1.44272849	1.40613293	1.86580177
4.04448715	3.62068862	3.12187935	4.21107934	3.84161386	4.074239
3.07156847	3.81002986	3.01662121	3.3316938	3.28719308	3.77018209
2.44419609	2.17570923	1.00E-04	1.00E-04	1.69498969	2.20417757
4.04790197	4.22709352	4.84811092	4.47633136	4.60438155	4.49048249
4.14136121	4.0949783	3.15004164	5.18478697	4.3378735	4.36234769
3.20101966	2.864489	1.00E-04	3.02131654	3.2958578	3.427414
2.95579807	2.32851827	1.00E-04	3.16838982	1.47302812	1.43975036
2.11273512	2.65596019	1.00E-04	1.63580376	2.6433179	1.99355985
3.55967457	3.41975035	2.54807034	2.95585425	3.84131525	3.78711316
4.17919498	4.15083059	3.59832535	3.98131321	3.68752694	3.61800068
4.76226547	4.80490095	5.35485179	5.36887264	5.10709837	5.17196457
1.71480031	1.38067024	1.00E-04	0.53845233	0.91274208	0.4863182
2.21605912	2.39098773	1.49210505	1.95242132	2.443356	2.34930605

4.9180436	4.93584461	5.18390779	5.34869766	5.47125356	5.41937191
0.73769521	1.00E-04	1.00E-04	1.5460427	1.83982634	1.52150019
2.95180056	2.78221309	1.00E-04	2.22230808	2.67038155	2.18979758
4.36615251	4.54780651	4.07773928	5.03147557	4.64696017	4.21531722
3.11152983	3.36221038	3.26647418	4.15021983	3.95463138	4.01256976
3.43419392	3.46552478	1.69861292	2.83631445	2.26198299	2.75884455
4.1707237	4.12400488	3.55076677	3.85610285	4.08085634	4.26362421
5.35405105	5.28990243	5.00591877	5.01061704	4.78872248	5.07692008
2.84466437	2.13946824	1.40283744	4.00173957	2.09532702	2.24945882
0.73897369	1.00E-04	1.00E-04	1.00E-04	0.29028813	1.00E-04
2.89824012	3.50341256	2.44835807	1.24978613	2.71335033	2.95827289
1.00890607	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8682204	1.00E-04	1.00E-04	0.86473302	0.12723689	0.14485168
1.00E-04	1.00E-04	1.30789632	0.4783264	1.00E-04	1.00E-04
0.9251117	1.08530433	1.00E-04	0.55000458	0.3992924	1.31404009
5.96118993	5.6826082	5.59999693	5.82839686	5.53232355	5.55078566
5.01493078	5.05710743	5.66817918	5.66192533	5.80883911	5.80663911
5.56980963	5.63946784	5.11108971	5.78504816	5.55491132	5.76071048
2.91411842	2.79493805	1.00E-04	4.7939747	2.07112344	2.27148832
4.50861051	4.36847416	2.92444349	5.99901181	3.85013593	3.76748464
4.84260807	4.67031052	4.24233956	4.24333799	4.83598696	4.76574779
4.23206883	4.34866329	4.37349793	3.40568572	3.72753744	4.18687142
1.00E-04	0.96289389	2.00743688	3.27495149	3.72118111	3.87071266
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.55176112	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.55444622	0.78009573	1.00E-04
1.00E-04	0.79219723	1.00E-04	1.00E-04	0.44651195	1.57735815
0.69917312	1.00E-04	3.20272702	3.4658631	2.53422887	0.53882023
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.92809782	0.19641509
4.15276085	4.18981346	4.50238942	4.26813008	4.53807147	4.47888566
4.7004146	4.48010578	4.52500054	4.76601447	5.30326567	5.12580075
3.83348443	4.06916167	3.57197915	3.58957898	3.74325188	3.67822516
3.91378691	3.23731973	4.11041546	3.61920681	4.19913645	3.22771096
1.46836281	0.59436393	1.00E-04	0.75788447	1.6219068	2.10790693
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31853502	1.00E-04
1.00E-04	1.00E-04	1.30986649	0.95631515	0.95794676	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59436393	1.00E-04	1.52476152	0.24520728	0.37754883
1.00E-04	1.02729045	1.00E-04	1.00E-04	0.85193863	1.00E-04
1.22775637	1.51756314	1.40283744	1.54633869	1.26388884	1.06273041
0.72375712	1.00E-04	1.00E-04	1.00E-04	0.79734239	0.53146297
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.68125255	0.71655627	1.52319676	1.00E-04	1.26950904	0.56559769
2.71702788	2.98848226	3.098908	3.1498164	2.96338879	3.67411032
4.38112072	4.26945658	4.56619681	4.51929956	4.5721709	4.80175161
3.22365548	3.23701413	3.14972157	3.20022935	3.16762318	2.96980197
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.63718099	2.63370786	2.76431889	2.73506473	3.28431457	3.43236931
1.00E-04	0.78770757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35507067	1.156961	3.83028583	3.69378761	3.9559896	3.96356448
1.00E-04	1.00E-04	1.00E-04	1.14867336	0.22725774	0.93414677
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68386031	1.08424027	1.00E-04	0.6717016	0.0905788	1.00E-04
4.04612108	4.05537119	3.84451821	4.29069493	4.23587227	4.25124628
4.10505437	4.44483107	4.10339925	4.48291905	4.42665688	4.43465723
0.95397752	1.15600844	1.00E-04	0.87538812	1.56886907	1.79353693
2.79614711	2.52544771	1.82713664	2.82832151	3.00987294	3.0515129
1.00E-04	0.48013639	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.87948269	4.8110341	6.042803	5.75253228	5.91228776	5.92485172
3.55675334	2.78052028	2.70762625	3.2056822	2.91528695	3.15623684
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.36796022	2.59448073	3.52579201	2.06321129	2.84591449	2.50155991
1.94725729	2.24324944	1.00E-04	1.6273481	1.91106818	2.11054352
1.48300452	1.14927284	1.00E-04	1.34560465	0.33647818	1.00E-04
3.41556692	3.70408777	2.88379096	2.31485966	3.65431188	3.42678525
4.10005055	3.74551714	2.65951435	3.12708156	3.78904858	3.98774855
1.66364298	0.94891161	1.00E-04	1.05342989	0.91335381	0.24928507
1.60227902	2.77441414	1.00E-04	1.25412239	2.20202892	2.36137443
5.61258387	5.93719292	3.45756856	3.6731946	5.14244872	4.81274017
3.13987101	3.44017321	1.00E-04	2.40131114	3.47343562	3.27125145
2.62551743	2.47011638	3.13096596	1.94991133	1.64136595	2.99284585
5.71143802	5.69127895	4.30071764	3.74229588	3.59178794	3.9759573
3.35492065	3.3596283	1.00E-04	1.96681923	1.04767237	0.31227169
4.17552516	4.07839608	4.78987909	4.89504811	4.58997396	4.18556617
4.99800318	4.97180667	5.5845287	5.92380927	5.97918217	5.93915861
4.9857298	4.88643175	5.04282984	4.86672454	4.66546587	5.05284781
0.16178697	1.62378374	1.00E-04	2.4298412	1.33834195	0.95736871
4.14122845	3.84816655	4.79537934	5.35145578	4.62305399	4.66702631
2.25155288	1.66490599	2.47982595	1.667314	2.11494146	2.30302388
0.93367215	0.3972097	1.00E-04	0.41438246	0.16448447	0.30913278
1.53192347	1.6070572	3.35858516	0.52738567	0.80235123	1.00E-04
3.779684	4.09009432	4.51735387	4.4547455	4.94254191	4.70471629
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.07531284	4.55466023	5.138783	3.87130787	4.46196285	5.16460929

1.54792814	1.27085756	1.11518827	0.87693458	1.80344044	2.05350146
1.06730904	0.52361595	1.00E-04	0.60387859	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03800331	0.45118201	3.5959432	2.43395666	3.99973495	3.96461261
1.98899267	1.6292532	2.75279574	1.36878495	3.04142956	4.1657398
3.16027375	1.81924992	4.48776079	2.9663469	3.48481787	4.23681068
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55915363	1.00E-04
1.02461693	1.66576494	2.30779586	1.00E-04	1.54492273	1.00E-04
1.49503443	0.93474643	1.73497509	0.88505959	0.61355859	0.97033509
4.83524624	4.92438489	4.09825137	3.54072668	3.99010352	3.33718808
2.01261872	1.98170997	1.98585178	2.00267231	2.60694175	2.22026888
1.00E-04	0.30163127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.40836194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.02125373	5.11261601	5.3045461	5.33063376	4.89776966	4.88173173
5.25638379	5.09606924	1.11518827	3.1851248	3.02086371	2.51105275
3.80764516	3.97271869	3.90174399	3.84136513	3.94766475	3.89898128
1.00E-04	0.44747489	1.6068095	1.00E-04	0.88987029	0.98565474
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.50655587	4.66008798	4.89719173	4.53750779	4.8477643	4.85733071
1.73830935	1.52250849	1.00E-04	2.59172884	1.9374566	1.61161613
2.44504268	2.30884214	1.00E-04	2.25696885	2.65088277	2.4318783
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
4.91416734	4.8145985	4.69898575	4.80983564	4.78546063	4.73980595
2.33985765	2.29899685	1.00E-04	1.61946187	1.44619147	0.85209369
3.6737816	3.52993897	3.95360797	3.91860841	3.812768	4.101814
1.23055574	0.45691315	1.00E-04	1.00E-04	0.45794579	0.77621906
4.24170648	3.98807736	4.13257948	3.38126038	4.15783435	3.78417923
4.50825213	4.30030875	4.74158508	5.20405183	4.95548259	4.87019369
1.63580859	1.68641377	1.00E-04	2.11138943	2.23582905	2.27682757
2.936089	2.96715598	2.80967215	2.81384329	2.93703727	2.48472364
1.00E-04	1.00E-04	2.48635672	1.33956635	0.35400979	1.00E-04
1.00E-04	1.00E-04	1.74110187	0.4266763	0.50922815	1.00E-04
3.65710555	3.55636593	3.66068944	3.46996959	3.50439132	3.80246358
3.1517166	2.84073409	1.06844428	1.24553541	1.97560149	2.63513831
3.36115528	3.54464445	3.03769385	2.59697626	3.34013429	3.29956617
1.00E-04	1.12375296	1.00E-04	0.70649357	1.74703168	0.75464579
5.62635878	5.64774617	4.72085768	4.78685669	5.39721977	5.32179939
3.86975423	4.07862594	4.24889046	3.61861565	3.62378511	3.65869146
2.20017148	1.66026558	1.00E-04	1.00E-04	0.89271594	0.68173169
2.88216375	2.92685102	3.00952474	2.83462973	3.21065859	3.08818411

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35906478	3.99569942	4.18424494	3.78590475	3.46106301	4.02838287
4.17576475	4.0111419	4.13425096	4.53878842	4.66673499	4.83944308
1.00E-04	1.38362133	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.33808059	4.58687436	4.04225785	3.98629111	4.607732	4.4402136
3.60078421	3.42809257	3.16018997	2.73410593	3.52137738	2.80484475
4.24716883	4.47600365	4.79135847	4.42837044	5.16825848	5.29576311
2.7571021	2.95918927	1.06844428	1.34155687	2.11624217	2.19937236
1.39402372	1.11591555	2.90978359	1.63536838	1.74544295	2.06466675
3.62736896	3.93273946	3.63242639	3.47167096	3.17285401	3.47705165
3.52126339	3.51668112	3.56378599	3.68412317	4.01625002	4.42133091
0.1163586	0.7494365	1.38754516	1.46755033	1.10309072	1.80300181
1.57966175	1.48882284	1.30789632	1.45075675	2.29794044	1.92768187
4.24553758	4.16484271	2.58898274	3.54352221	4.4274609	4.37058143
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.58483485	1.00E-04	1.11116102	1.00E-04	1.00E-04
0.80221069	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17649229	1.00E-04
0.8444645	0.55591422	2.1943037	1.07722409	0.89447006	0.43189376
1.38392015	1.20149809	1.00E-04	1.14252278	2.33470314	2.07363874
3.91459303	4.06434338	3.92398652	3.27621807	3.55187147	3.72537717
4.83398814	4.86814148	4.19756419	4.35763943	4.93293585	4.70921732
0.4620769	0.44867039	1.00E-04	1.00E-04	0.15137331	1.00E-04
6.36157405	6.1909714	6.34059538	6.31321214	6.22786114	6.16693416
5.1609616	4.95681126	4.97904731	4.95629546	5.00249596	4.93526922
4.4454869	4.51578361	4.62627428	4.24181031	4.44944943	4.03726732
5.5863483	5.57211752	5.46343258	5.7522239	5.43945658	5.3695787
5.18850499	5.02289433	5.0040211	4.94487649	5.00068679	5.33107684
4.72546806	4.99677516	4.1960271	4.57108862	4.77921428	5.07028026
5.21958512	5.38021654	5.06708424	4.77880198	5.21740417	5.23135956
5.33371244	5.19306009	5.07205405	5.16746593	4.9761163	5.27622024
3.3369666	3.38730531	2.10841409	2.89170675	3.2187344	3.0722765
4.79133858	5.14384394	4.35318967	4.64073958	4.71361882	4.86324529
5.30255087	5.41989804	5.02861449	4.92787736	5.18068907	5.17206874
4.11802617	3.94624478	4.33176718	4.98571415	4.5715787	4.85994634
4.19902235	4.29137118	1.00E-04	1.97506753	2.65292225	2.37569425
4.86189694	4.97165341	4.83080663	4.81456732	4.93510342	4.98649979
4.88718071	4.9241491	3.77081278	4.21132209	4.47365198	4.47029307
5.61398142	5.40615668	5.69828516	6.15266124	5.76701658	5.58634555
4.85967107	4.47142203	3.60506938	4.17948175	4.39084204	4.52834819
3.79201445	3.84208588	3.35843028	3.67337259	3.5620291	4.01427934
1.00E-04	1.00E-04	1.00E-04	1.49039759	1.3691315	1.42325561
2.21399263	2.36278326	4.6360631	4.19014765	3.33191953	3.02841141

2.27132604	2.52946522	2.59074658	2.51908271	2.9710197	2.94038716
1.17088838	0.69674853	2.2786484	2.39287774	3.30140624	3.32086484
1.8569972	1.37599069	1.96638915	1.61976938	2.38848829	2.28171631
1.43036267	2.49212324	1.00E-04	1.57751697	1.17982004	0.46112954
0.95617163	1.78246339	1.00E-04	1.18238883	1.12533657	1.00E-04
5.25639707	5.06974443	5.57022615	5.92301871	5.5455498	5.57396311
5.63667716	5.70285529	1.00E-04	1.57068471	2.12185437	2.36387891
1.00E-04	1.00E-04	3.25886071	1.34365677	0.65051309	1.35786998
2.22930199	1.9517445	2.60998198	2.67172537	1.86004391	2.63439867
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.31285272	1.00E-04	1.00E-04
0.48437207	0.63462979	1.00E-04	1.06280464	1.00E-04	1.00E-04
1.00E-04	1.05981081	1.00E-04	1.17386419	0.32943408	0.65200641
1.00E-04	0.63462979	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.75733185	2.18609951	1.93550138	3.47449137	3.56374653
1.00E-04	0.78978538	3.54399757	4.02832146	3.94964609	4.03780036
1.00E-04	0.31765625	3.13718155	3.01749862	3.68595919	3.59961359
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.59804046	2.18790828
1.00E-04	1.58443346	2.62340573	2.77073682	3.24977985	3.13086108
0.43243323	0.99018385	1.82760611	1.91010226	2.06186843	2.06871807
0.32831434	1.11152371	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33099482	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00940174	1.00E-04
5.06326249	5.05591974	5.45078608	5.79947474	5.69412892	5.7723827
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.01954798	4.87727333	5.16700637	4.8735306	4.87815746	5.19527198
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.00E-04	1.00E-04	0.15557081	0.9881927	0.26792156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08925778	1.67454346	6.9736471	6.94771781	7.34989965	7.28949313
0.75008908	2.21086052	4.6350575	4.98950618	5.44793906	5.85173853
1.00E-04	1.45874428	2.73663251	2.69395488	2.22879028	2.51792251
3.57871497	3.46166633	2.79511907	2.96011926	3.49356069	3.45949089
2.66005597	2.68327516	2.57090641	3.43406064	2.98604626	3.36559589
4.24920613	4.22932816	3.01413527	3.28822753	3.50902009	3.77065079
2.93200089	2.92366972	3.92180067	3.55515644	3.79220763	4.10549366
3.09493578	3.28745366	2.58152107	3.60795795	3.74808747	3.39457166
1.77486816	1.93771721	1.00E-04	1.42293314	1.87871188	1.34167883
3.80107848	3.10324493	1.00E-04	1.16579231	1.58112515	0.57918436

1.00E-04	1.37608964	3.80341111	3.23367733	1.10046919	1.0474629
1.00E-04	1.00E-04	1.00E-04	0.91640475	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51498848	2.91982895	2.44856362	1.90883079	2.82893626	3.103051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33052186	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82831937	1.34814162	2.24726389	2.84611846	2.75291716	2.48768686
1.00E-04	0.92253755	1.00E-04	0.61790071	0.66377882	1.00E-04
0.50045326	1.89146269	3.71432114	4.22490807	3.96368137	4.4927162
1.00E-04	0.59436393	1.6068095	2.20533807	0.41721948	0.65200641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05824465	2.20468813	3.14247869	2.07339899	2.20382835	2.15844845
4.90572212	4.53823213	5.39013626	5.41622695	5.37590054	5.50660752
1.00E-04	1.00E-04	2.83591446	4.48214986	3.62366836	3.78288163
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62794456	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.04888333	1.00E-04	1.00E-04	0.10440683	0.99682569
1.00E-04	0.34385176	3.66305153	4.40858295	4.49721123	3.45346271
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.0880452	3.15543891	5.46492797	5.08034117	5.83293195	5.98084234
0.69742645	1.00E-04	1.00E-04	1.02862115	1.00E-04	0.16565788
1.00E-04	1.00E-04	1.11518827	1.00E-04	1.00E-04	0.53496634
3.94381816	4.03222546	2.38042886	3.3734994	4.17137563	4.04847708
2.92595769	3.55130822	2.619391	2.53799473	3.11902907	3.04046862
3.13194273	3.39741113	3.63528612	2.59967568	3.73915133	3.95906349
1.00E-04	1.00E-04	1.00E-04	0.4266763	1.00E-04	1.00E-04
2.00083017	2.09078887	2.92424002	0.83981662	1.94596826	2.69170494
1.08018438	2.00038363	1.00E-04	0.99361739	0.19191379	1.44595374
0.1163586	1.00E-04	2.26244186	2.6015947	1.972877	2.3531183
3.63690367	3.22798516	2.03688221	2.78027015	3.52034866	3.47387913
4.26841175	4.43813753	3.51594655	3.21219482	3.95063679	4.118654
3.92404164	4.1610019	5.98633294	6.07631618	6.00757689	6.25700172
2.06866266	0.5280252	1.01811585	1.65054109	0.67222999	1.41688677
1.30526672	1.00E-04	1.00E-04	0.81320752	2.12241569	1.66605128
0.81863726	1.00E-04	1.00E-04	1.00E-04	0.59528506	1.00E-04
1.1931605	1.00E-04	1.00E-04	1.09694508	1.51370752	0.35948108
3.60595845	3.70510561	4.61337694	4.35359508	4.4871823	4.57760546
2.93143408	3.11470116	2.55170999	2.54129647	3.06321704	2.70861249
2.72593897	2.62677234	1.28609943	1.83492944	2.50403895	2.59412937
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94768045
2.34025593	2.54920549	2.54132336	1.76425999	2.66339378	2.53370591
2.86076018	3.30665783	2.62598993	3.05491923	3.8590579	3.4467564
4.31625426	4.32057797	4.68918445	4.86207426	5.12620681	4.91872757

3.24358955	3.09404786	3.01357337	1.39527643	1.84161857	2.38922312
1.17779531	1.00E-04	1.00E-04	1.00E-04	0.87763581	1.00E-04
0.50857658	1.46427163	1.00E-04	0.98874897	0.98372028	0.72825032
0.34256967	1.63270939	2.66826176	2.65883054	2.0436168	1.95142882
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.39153291	3.13593429	1.00E-04	2.95917111	1.70889135	1.65138079
6.87256458	6.45725142	5.9839232	6.19357718	6.66247879	6.46503162
6.76551972	6.6006003	6.04395693	6.38559668	6.75183557	6.53964079
5.22986732	5.09662003	4.92097182	4.92602171	5.2508465	5.08569709
1.47266688	0.74331533	1.00E-04	0.2788676	0.86952213	1.00E-04
0.76232783	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.18901873
2.93973969	1.99996326	2.32406766	2.15383803	0.85382485	1.14337211
3.80807171	3.96170967	3.17462453	3.30996645	3.5225313	3.52838676
3.81246374	3.16070423	3.69554048	3.94426309	4.48146871	3.84659896
1.93438987	1.74359566	1.00E-04	1.00E-04	0.79762091	1.00E-04
4.30605111	4.45082016	3.33256663	4.05258343	4.3805331	4.19840912
1.32109692	1.47820308	2.48574616	2.36908719	2.42902609	2.53925835
5.2081382	4.83959273	5.39678129	5.50164905	5.27878062	5.07064919
1.00E-04	0.99067194	1.00E-04	0.49600825	0.9788529	0.75992934
6.04481975	5.85600723	5.04450635	5.25771349	5.90678918	5.42770024
4.84477397	4.55948881	4.50165667	5.00646066	4.70132401	4.59314038
0.76737949	1.00E-04	1.00E-04	0.83505816	1.57515437	1.03856896
3.03133205	3.60303606	2.33855116	2.89571455	3.17942652	3.72221085
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67387996
1.00E-04	1.00E-04	1.00E-04	0.70120444	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.00289159	2.94392164	3.02712904	3.14560026	3.24787906	3.31472651
2.74813734	2.32105219	2.17738246	2.01113247	2.18259033	2.51646425
4.6095869	4.44603798	4.38472729	3.98043764	4.50411446	4.13206781
4.87438476	4.84520919	2.82606699	3.24110841	4.97264335	4.33676233
0.32197209	1.00E-04	1.00E-04	0.64978022	1.07773808	0.68072806
4.95879861	4.4509549	4.92730343	5.08646394	4.97244449	4.46042813
1.89097797	2.31182436	1.00E-04	0.7563196	2.35143376	2.92135923
3.73753572	3.50648287	3.01989993	3.04953372	3.15577643	3.76874692
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.81392237	1.00E-04	1.00E-04
3.36053223	3.17152833	5.44928258	5.74479292	5.01586404	4.7648248
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.83016285	1.9554064	1.00E-04	1.63692763	1.45966807	1.96853434
1.00E-04	0.41929553	1.00E-04	1.00E-04	0.23239377	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.85981543	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68468606
1.00E-04	1.00E-04	1.00E-04	0.32864749	1.00E-04	0.16236604
1.00E-04	1.00E-04	1.00E-04	0.84653972	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.55549093	2.01552513	1.45641687
0.82800384	0.9054556	1.00E-04	0.87372373	0.40361326	0.46081807
2.42215755	3.08704279	2.68555566	2.87151175	3.42401796	3.60231453
3.11000591	2.73961304	3.00330869	3.95909908	3.71260038	2.83029922
4.89015701	4.534338	5.4765738	5.69172765	5.26199362	5.23719432
2.11948349	1.44815733	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.98584005	2.08122891	1.00E-04	1.6043059	1.72982661	2.50186561
0.93685332	1.25221738	1.00E-04	0.9805006	0.9289407	0.31227169
5.46914207	5.54517031	5.40912402	5.69770895	5.20035705	5.37804194
2.99882481	2.5862305	2.39042884	2.57542725	2.98282653	2.78619381
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44213543	1.00E-04
0.33160481	1.54779483	1.00E-04	0.86837645	0.93791843	1.2002031
0.6967263	0.30433976	1.00E-04	2.13765358	2.31951103	2.59931276
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05690501	2.37651255	1.00E-04	3.37003221	1.56581685	0.56924159
3.50499474	3.91175705	2.96840634	3.13538259	4.10813993	4.02351457
1.00E-04	1.65810329	1.97900798	1.36597061	0.90879865	1.2997991
2.3776788	2.23376067	1.00E-04	1.71408167	2.13323574	1.77948541
2.73322722	3.11387695	3.3927775	1.91230649	2.42052028	2.43161395
4.20152774	4.07347312	2.82387738	3.25125137	4.1104254	3.72143445
3.18564417	2.74643824	1.01811585	1.94515354	2.97564171	3.02149887
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
4.66384008	4.8701368	4.86021454	5.18461921	4.81511848	5.02711857
3.79619604	4.14932926	1.90642126	4.12398172	3.94592016	3.74984207
1.72447918	1.77677093	1.00E-04	0.67384177	1.80952134	1.3644436
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.25634813	4.31798212	3.9527225	4.60916303	4.40616919	4.37077332
1.87926386	0.54115817	3.72658437	2.96125319	2.51487117	2.7175429
1.89878561	1.50644375	1.51203435	2.78211208	2.5962168	2.14544625
1.80450613	1.20585486	4.03128642	2.54543651	2.53281855	2.37234756
4.09010637	3.86858505	1.06844428	2.28733227	2.37154446	2.26148893
4.13117326	4.15688545	1.00E-04	2.5819953	3.0739213	3.65342135
0.19948536	1.00E-04	1.00E-04	1.00E-04	0.52393684	1.04716649
1.00E-04	1.00E-04	1.00E-04	0.5252732	1.00E-04	1.00E-04
4.27710245	4.13551059	4.41170068	4.6755111	4.15733213	4.54862036
3.41550539	3.44933212	3.348586	3.35560248	3.25413518	3.8960394
2.69847649	2.80005037	3.55082231	3.31172335	3.42683879	3.73238803
2.21016662	2.58949055	3.05915918	1.9917603	2.55032494	2.08884754
3.64215772	3.85142652	1.00E-04	0.55176112	1.00E-04	1.09205438
2.00810672	1.98110464	1.38754516	1.66589389	2.12993219	2.82596851

1.00E-04	1.00E-04	1.00E-04	0.76825397	0.74019002	0.78036507
5.88071209	5.73717868	3.51244661	2.99753351	3.97645384	3.75462826
3.11961896	3.11862035	1.00E-04	1.00E-04	1.95649839	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.09575507	4.10000437	3.32871035	4.53286317	4.56765752	4.24786034
3.07107264	3.34482958	3.76108414	4.29530664	4.58869855	4.64323341
3.91380343	3.69968831	2.28102325	2.7355015	3.22573483	3.61222382
3.29552323	3.12353257	3.79838292	3.96232191	3.6433068	3.34413952
3.1623628	2.7906007	2.92292649	2.83843761	2.88735618	3.11227166
2.60570058	2.7074492	3.0680219	2.09522363	3.03958372	2.68168121
3.35333948	3.55315433	3.25690986	2.96114454	3.52117135	3.71209713
2.79323101	3.34218767	2.30779586	3.02349923	3.72597286	3.58894275
2.20802128	0.87846983	1.00E-04	1.90757366	2.20698741	0.13067397
1.1924069	1.00E-04	1.00E-04	0.61258426	0.83940762	1.00E-04
3.4863597	4.03543519	5.37791457	5.19731277	5.32882881	5.27340909
1.68164673	1.9822067	2.11608743	2.20501845	3.21154086	3.34352791
4.90274752	4.87388031	4.88401138	4.92132329	5.2264987	5.1053499
1.55494362	0.8797015	3.94326202	2.55434263	3.16350617	1.90430505
3.94639016	3.72111882	3.17236711	3.17218949	3.66946704	3.66058017
3.60251218	2.73135006	3.71999838	2.40441584	3.03593084	2.60516796
2.75770184	2.74052805	2.5784271	1.04321007	2.45335912	1.92171376
3.29792901	3.21962033	3.25339891	3.33158164	3.49371329	3.44703553
3.75602859	4.09707042	3.91563045	4.00460449	4.12313827	3.97283065
5.36852062	5.49614907	4.8644358	5.80005158	4.74006691	5.04460038
3.97158497	3.25164074	1.00E-04	4.82868868	4.08624863	3.45632872
5.17782142	5.15257245	3.86362192	3.71270928	4.76766114	4.51884233
4.30515913	3.43378889	4.1127087	3.88347122	4.77951771	4.24132718
3.66731067	3.55532463	2.40182342	3.24826607	3.19705945	3.24844818
2.78195841	3.17097344	2.61307032	4.40323864	2.71640507	3.05640069
1.66356867	1.00E-04	1.00E-04	3.25152382	1.19795347	1.13135385
4.51825014	4.35426127	3.78936844	6.73479913	4.80802964	5.14879674
3.28446505	3.07165335	3.8310133	4.99882881	3.4373824	3.19936434
2.81256	2.18161628	1.00E-04	5.27829885	2.58780414	1.94382862
2.77722938	2.65949102	1.99016435	5.06377505	3.38902526	2.46604023
2.80575779	2.8482869	2.21944987	5.2891696	3.0599696	3.35946823
1.98625625	2.1908868	1.00E-04	3.25246061	1.96542461	2.09396728
1.44621755	1.24179164	3.36662362	3.66951422	3.44000378	3.34754791
3.91035859	3.97360984	3.86444032	3.23094734	3.79391764	4.05990937
4.08703513	4.14024683	4.22475021	3.67361321	4.45993523	4.26496048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9304203	1.00E-04
1.03891514	1.24772958	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.8036258	4.0096242	3.34526261	4.68492923	4.45772704	4.50092107

3.80770861	3.9902789	4.9271726	3.97021842	4.46868191	4.35230123
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47519919	0.49626678	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73512475	2.13920598	1.00E-04	2.64935424	2.79445326	2.79590054
4.31210921	4.15868001	4.68770136	4.71347528	4.65564547	4.07647273
2.74887355	2.81095367	1.73310115	1.09603752	2.71111086	2.54168105
2.09190945	2.04406219	2.79349465	2.80589976	2.46003606	2.363647
2.39629169	2.17048802	2.90693481	2.99472993	2.89652951	3.06123351
3.02487466	2.86820508	2.20329807	2.15659861	2.87891439	3.17269031
1.80330348	1.73962516	1.00E-04	1.82611518	2.00463555	1.5472088
1.90417947	0.93645899	1.11518827	1.39301698	1.90389073	1.28876989
2.44794291	1.90660606	2.55911532	3.04150502	2.09583296	2.65301679
2.34266144	1.95330882	2.02747781	2.26970796	1.80592406	1.56106487
3.44720573	3.1998996	3.21714986	3.32973628	3.67873775	3.62499605
3.00949065	2.8209815	3.36534606	2.79900672	3.0565996	3.01957143
3.36215992	3.22618145	4.01011635	3.33184219	3.99152595	3.86228697
4.36789403	4.16582087	3.31739709	3.67797615	3.76717058	3.5672112
1.01033682	1.15447892	1.27996271	2.86326813	1.65986275	2.11157134
4.26576036	4.02171667	4.6838439	4.63732201	4.64901241	4.63976636
4.23385963	4.1433653	3.6888867	3.91375316	4.2700059	4.5151239
0.80221069	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5256597	1.00E-04	1.00E-04	1.00E-04	0.16448447	1.00E-04
2.38495505	0.99897126	1.74110187	3.20210668	2.16667979	0.66776137
4.31885418	4.29826903	1.28316224	2.71505035	2.50741687	2.82775676
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50540032	1.55177018	1.00E-04	1.89299571	1.52226969	0.96630403
0.86120425	1.62018065	1.00E-04	0.69313868	1.02128049	0.99659114
4.28745742	4.31023477	3.910495	3.03055136	3.59853097	3.53172942
1.00E-04	1.00E-04	1.00E-04	1.39614174	1.00E-04	0.30913278
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23123877	1.89278785	1.00E-04	1.00E-04	1.10238917	1.00E-04
0.84436456	0.74732502	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49927997	0.90866495	1.00E-04	1.66839942	1.5360883	1.45617004
1.07199704	0.8876832	1.00E-04	1.61567794	1.2659373	0.60854564
1.52979663	1.25427203	1.00E-04	1.00E-04	0.85841102	1.16999403
1.14346107	1.61406371	2.16483827	1.00E-04	0.85618473	0.93127485
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77268196	0.30913278
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68003732	1.25985382	1.00E-04	1.00E-04	0.36372495	1.00E-04
3.52644733	4.09286029	2.14411655	3.12937061	3.95994639	4.05913634
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.21966677	3.09765652	3.3345015	3.10635324	3.46746746	3.23987026
0.84376766	1.72815401	1.00E-04	1.00E-04	0.83374429	0.9820344
0.8444645	0.44867039	1.00E-04	1.00E-04	0.46570086	0.46104644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52523255	1.00E-04	1.00E-04	0.37082421	1.00E-04	1.00E-04
0.1163586	0.63032212	1.00E-04	0.6309036	1.64513621	1.03146112
0.81863726	0.34385176	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.00E-04	1.00E-04	2.45072762	1.7828217	1.86325254	1.6684238
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.74130108	3.28881514	2.76372011	2.94733945	3.45793808	3.11541067
2.30709719	1.85137234	1.00E-04	1.61070303	2.42320702	1.62814169
0.68166237	1.00E-04	1.00E-04	0.67915539	0.33327329	1.00E-04
1.48013178	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.33764706	4.44817666	4.86921555	4.13644931	4.18771921	4.22020175
3.56976955	3.73065228	1.82713664	3.21609645	3.70313167	3.966344
4.06739886	4.39323401	4.00943263	4.38911328	4.68976845	5.03684638
2.71266836	2.73807074	3.33050714	1.96034442	2.61349493	2.95672804
3.72177791	3.86868169	4.20558765	3.00661988	3.62833316	3.60660566
6.63960484	6.73626722	6.13667003	5.99286219	6.13187757	6.25806642
5.9663524	6.07116597	4.74065751	4.46565503	4.68240374	4.53129112
4.9182444	4.66395228	5.56401775	5.81802054	5.49451219	5.56623631
1.1804772	2.3603118	1.70608413	1.565187	1.84937233	2.30341633
3.17548575	3.4477189	3.83050127	2.75348591	2.81042853	3.33367285
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.49312662	3.76185235	3.0794838	2.88514727	3.13011558	2.8835678
4.95695504	4.97649923	4.83632574	4.40691011	4.87743996	4.59063898
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.47416885	1.00E-04
2.25622658	2.45071236	2.66876761	2.27310657	2.3232373	2.34075756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61613665	3.25685639	1.00E-04	1.4347054	2.1230125	1.83178615
5.11454107	4.91115552	1.52319676	3.36889555	3.11921495	2.55309804
1.00E-04	0.4932192	2.1375524	2.1434288	1.00E-04	1.69473345
2.36257594	2.32388437	1.00E-04	2.82887291	3.17914577	2.31400187
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41521233
3.81715246	3.45892016	4.19355523	4.68257859	4.30448125	4.26699543
2.89240276	2.88140271	5.53558926	5.23024781	5.35266351	5.44050826
3.43752747	3.63622821	1.49210505	1.21751635	2.12458186	1.51697531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.6902533	1.00E-04	1.00E-04
2.14638007	1.96650576	1.00E-04	2.55681526	2.82208324	2.74810287

1.00E-04	0.31765625	1.30789632	1.15441757	1.00E-04	1.06144921
3.56632985	3.41683161	2.3590167	2.49756609	2.96013611	3.70057985
1.375116	0.82204989	1.00E-04	0.88232702	0.43271672	0.30201496
1.00E-04	1.00E-04	1.00E-04	0.76828694	0.57608427	0.25699994
1.00E-04	1.6810197	2.2312419	3.07877115	3.06639135	3.49844708
2.13612874	1.56537536	1.00E-04	1.52231617	1.00E-04	0.99114509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.97091359	3.08761106	2.18968	2.52179272	2.95385083	3.19348135
1.70382754	1.67543485	2.28972582	1.52912759	2.42478473	1.87723317
4.05953944	3.95457756	5.84924906	6.24960125	5.18679739	5.09484149
3.54391712	3.09883201	4.53634077	4.62721327	2.75002317	1.32287832
1.00E-04	0.57543231	1.00E-04	0.69241499	1.00E-04	1.00E-04
1.78301202	0.78863863	1.27996271	1.45005663	1.64046188	1.73040389
2.57236841	0.89451126	1.00E-04	1.47657804	3.0109542	1.64174913
3.349176	3.39611625	1.00E-04	0.59363436	1.00E-04	0.21329315
0.30980585	1.00E-04	1.00E-04	1.00E-04	0.67182388	0.12854881
3.25757831	3.27808754	4.36664113	4.54071193	4.26196055	3.85576694
1.56621456	0.4932192	1.6068095	1.18295399	1.13531254	0.69241199
0.45044286	1.66267176	2.24726389	1.11713453	1.16254892	1.57306959
1.00E-04	2.02423804	5.71344603	6.31466103	5.56306048	5.33056588
1.00E-04	1.00E-04	1.00E-04	1.33219615	1.00E-04	1.00E-04
1.76658245	1.35938562	1.00E-04	1.29255267	1.0719222	1.19102938
1.05483541	1.12419103	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3598804	0.92031514	1.00E-04	1.21495896	1.98775064	2.24419015
1.87585432	1.89370034	1.00E-04	2.42734735	1.67023859	1.46643833
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.85648279	4.28462384	1.30789632	1.00E-04	1.70669866	2.85762013
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2970992
1.00E-04	1.00E-04	1.11518827	0.46633175	1.00E-04	1.00E-04
0.84216232	0.54329442	1.00E-04	1.77990398	1.17081646	0.73753704
4.03956132	4.03350635	1.00E-04	1.0369122	1.45014788	1.75865111
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37484237	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.49626678	1.00E-04	0.45991406	0.1826159	0.15671146
3.54103525	3.81436426	2.62060206	1.73438489	2.37092941	2.75278756
3.14261064	2.76720523	4.12755712	2.26196857	3.21987869	3.71841539
4.11395627	4.3382916	1.30789632	1.00E-04	1.00E-04	1.00E-04
4.28547652	4.51594411	2.40901814	3.1778581	2.89398328	2.59905865
1.00E-04	1.00E-04	1.00E-04	0.5393223	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.92538329	0.0905788	0.48971388
1.5077352	1.00E-04	1.00E-04	1.14014461	1.00E-04	1.00E-04

1.00E-04	0.44777316	1.00E-04	0.60263629	0.69322644	0.21329315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23239377	1.03667411
1.00E-04	1.00E-04	2.93190399	2.3726041	2.31944698	2.91203365
1.3001755	1.88845166	1.00E-04	1.47127961	1.64465473	1.5227011
1.00E-04	1.00E-04	1.00E-04	0.8747941	0.70584725	1.3538044
2.6599086	2.64243314	1.00E-04	2.16188693	2.12363874	2.84644539
5.25757253	5.46744729	5.62717622	5.8190434	5.64384849	5.52666672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95089815
0.57026941	0.67399315	3.94456105	4.06865558	3.93495597	4.39113894
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
1.67440678	1.8479084	3.93133475	3.86865711	4.05766572	3.98942009
4.13064272	4.56199122	2.54493756	3.6393332	3.4938309	3.62846279
2.78511911	3.64989428	4.55370789	4.75312713	4.24157715	4.7579051
5.64994647	5.96494081	2.67126623	2.7266901	3.07686424	1.87006799
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81619273	0.41409474	1.11518827	1.54936393	2.72063476	1.68365344
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44413777	1.00E-04	2.06596253	0.79830865	1.03728804	1.32621628
3.48964892	3.49906779	2.72433965	3.0484774	3.58515113	2.96737773
4.24511791	4.33913839	4.39360462	4.44953948	4.24022337	4.36269017
4.05953075	4.51975965	4.00277392	3.88915461	4.467397	4.74337068
4.91201914	4.77588262	4.65136577	4.27110129	4.64647208	4.6349516
4.31534011	4.54824079	4.47774526	4.69725941	4.37601634	4.68672993
1.53755529	2.45975519	2.41149387	2.58160916	3.15681466	3.30171629
4.39378924	4.20900865	3.57031839	3.45184868	3.72237496	3.54091897
5.95361106	5.8925433	6.22800239	6.22554587	6.04275013	6.13083382
3.91187034	4.02496628	4.06311405	3.90035123	3.84463548	4.00230275
3.65010196	3.89516087	2.04027175	3.12272552	3.26068807	3.34292012
2.87783861	2.72370032	1.72441395	2.1575168	2.91328911	2.76140967
2.70090708	3.15725318	3.53081785	2.90748517	3.18545107	3.54182039
2.69874604	2.60810381	3.32803805	2.61145287	2.91913662	2.30817669
2.71668279	2.67919151	2.89716004	2.42262644	2.64264838	3.01677343
3.20853582	3.61582144	2.88975804	3.53536409	3.68719035	3.97677767
3.1019133	3.19472334	1.42763756	1.66550336	1.59747646	2.019516
3.31951998	3.67393703	2.96420727	2.24411565	3.70536545	3.27412721
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.67932452	2.19186918	1.11518827	2.67982401	1.62340373	1.71491293
1.00E-04	0.59074735	1.00E-04	1.00E-04	0.55632674	1.00E-04
0.98769322	1.42302868	1.30986649	0.88168218	1.83147575	2.12924181
0.93201418	0.59688281	1.00E-04	0.69241499	1.00E-04	0.62848175
1.00E-04	0.48013639	1.27996271	1.00E-04	0.98669784	0.54010248
2.02418467	1.25155474	1.06844428	1.39439383	2.05449513	2.33299664

0.98488302	1.45325339	1.00E-04	0.28453275	0.76928201	0.61516489
2.55991769	2.81396682	1.00E-04	2.34154179	2.33938	2.33236505
3.23766447	3.1625579	3.20986638	2.85542799	3.43513658	3.6256721
3.27814027	3.47090792	1.01811585	3.02171858	2.813755	2.8403564
3.05998091	2.95603779	2.64197403	2.7187897	2.70987814	3.48691574
3.30173048	3.32158729	3.10541777	2.73168128	2.76147906	2.80016249
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49317258	1.44383516	4.13310664	3.17188736	3.90896914	3.52848672
0.60842651	1.00E-04	1.00E-04	1.24099809	0.33848153	0.57696471
1.00E-04	1.24733335	1.00E-04	1.00E-04	0.65944691	0.98560824
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.42006097	3.35290259	1.01811585	2.68391399	3.1493781	3.03232117
3.52427437	3.40626004	3.6176351	3.073723	4.57776212	4.85180144
2.33561658	1.0726096	2.66673907	1.20990469	1.03195763	1.80035529
4.85224351	4.77076078	4.94889556	5.12858591	4.79133642	4.77103884
2.10120298	1.59650302	1.75318857	2.20531854	2.30428183	2.98719942
3.44438119	3.53571609	3.08363458	3.00535079	3.49732842	3.50687974
4.67712811	4.44529532	4.55863651	5.04460472	4.69398109	4.75974523
3.16391502	3.48615872	1.92782151	2.24049096	2.80927001	3.08476299
3.10207006	2.89543588	1.00E-04	2.29361741	1.12437147	1.47165581
5.78572853	5.76808997	3.20809071	4.64526076	4.54694331	4.53717083
5.20687492	5.61232383	5.70830334	5.70282633	5.64969873	5.73141237
3.94198323	4.33933419	5.12108056	4.53309599	4.64249043	4.64957482
4.27584294	4.31678737	4.60998388	4.33395619	4.71118335	4.83720719
6.26155727	6.06815866	6.29359953	6.41769532	6.24772108	6.42414036
0.7890868	1.98819488	1.42763756	1.86982402	1.57459243	2.50846647
3.42422043	3.61693368	3.60310017	4.174989	4.03557731	4.07237839
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.14000043	3.52355878	2.39859806	3.31693683	3.3996889	3.47001365
2.65979055	2.84249872	1.30789632	3.01113961	3.46897506	3.41543116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.90571676	3.92699306	4.18806637	3.30018369	3.93005005	4.18834859
3.20524999	2.8763901	2.45531573	2.51032031	3.01828283	2.73224118
0.97874073	0.59074735	1.00E-04	0.79457207	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.75429686	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17851756	2.40464737	3.98139253	3.90921092	3.78460808	3.49353002
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.69667906	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14317243
4.30523475	4.44473431	2.46749248	2.88690832	3.65308019	3.39047617
2.59546707	2.43016961	3.85850516	2.58729386	2.23351327	2.99971994
3.49991621	3.49070861	3.73721327	3.124361	3.35892745	3.56627583

2.90863383	2.90289819	3.22385112	2.87034827	3.17889099	3.02588621
2.37028893	2.30102837	1.27996271	1.98150884	1.86712618	1.9979214
3.03213726	3.27869233	3.13001092	3.26161129	3.23834705	3.30887752
2.37137513	2.06464974	3.00208245	2.60890146	2.21578736	2.17812933
3.66905079	3.66792163	2.93276995	3.83090764	3.74994056	4.13597588
3.52698084	3.1815928	2.95448894	3.32393063	3.25754359	3.4471795
4.17441858	4.062264	2.96934449	3.96687379	4.19101086	4.29877647
1.67726338	1.53171544	1.27996271	2.05147731	2.52573837	1.98992617
5.50483174	5.21329844	5.61757351	5.19378967	5.19643503	4.89659109
4.45104726	4.43873769	4.87200831	5.28543323	4.90778344	5.50867173
3.83901003	3.80612834	2.90218083	3.49619985	3.68983846	4.04688158
4.16938094	4.29846581	4.23272204	3.80584399	4.02028434	4.45952804
3.61770311	3.88349027	4.67020021	4.44212391	4.82121459	5.40185741
0.1163586	1.63565485	1.46133917	2.89955284	2.50629347	2.76320701
4.41821726	4.16455675	3.94092012	4.55382421	4.8089411	4.72674186
5.2086209	4.85014698	5.25812118	5.24854557	5.44561684	5.27625527
3.66506398	3.55662746	2.20419712	2.77475433	3.25640178	3.48864307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.99783239	5.15784557	1.00E-04	2.34385429	2.69520056	2.52210495
3.69731441	4.04747559	3.85634654	4.06765984	4.0809151	4.19656811
4.27785117	4.2795997	4.32356856	4.60433184	4.24323251	4.43379608
1.56280473	1.3120063	2.54080566	1.43887119	1.86428494	1.92180532
0.80093886	1.21147905	2.07842622	1.69833863	2.07563048	0.79327412
3.78709807	3.6356394	4.08015147	3.25539915	3.71212686	3.7984885
4.22403031	4.01208142	4.35090375	4.18316166	4.19372676	4.3434041
4.08059005	4.13860353	4.09558325	3.98832114	3.86078711	4.27137362
4.53664763	4.33351553	4.25739902	4.64698465	4.76670457	4.96177937
2.61647556	3.20693895	3.57267121	2.02057957	2.51324343	2.21635235
3.03269912	2.99809788	1.00E-04	3.42786508	3.07311525	3.71413509
1.46487024	2.05018332	1.00E-04	1.20362516	0.74380262	0.66795879
1.83578968	1.097939	1.00E-04	1.50733758	1.98255854	1.76861966
3.47420286	3.03820394	3.67785545	3.67919228	3.51131441	3.71085649
0.50165147	0.96177066	1.52319676	1.89508899	0.18945863	1.61816339
1.00E-04	1.00E-04	1.30986649	1.21989058	1.09777005	0.66171698
2.50957746	2.63189072	3.21236637	1.89735671	2.45956219	3.44593139
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.28242761	3.16042834	2.8660362	3.25375463	3.01891507	3.20612774
1.00E-04	0.83346263	1.00E-04	0.58410459	1.06877161	0.74995601
1.03995759	0.91403704	1.00E-04	2.05948561	2.98309865	2.21382438
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35470255	3.2547186	4.37794904	5.14237547	5.0859282	4.25932213
4.86906857	5.06834844	4.88788157	4.7973412	4.79092287	4.7346253
6.26718588	6.18769127	6.26216734	6.42377892	6.12300423	6.32204963

0.83972673	1.00E-04	1.00E-04	0.64444025	1.00E-04	1.00E-04
3.8111515	3.82216687	3.81905344	3.8713866	4.19752735	4.1993125
1.05740654	0.75174116	2.67527567	3.45014497	3.03935543	2.68093567
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62571237	1.00E-04
0.24405756	1.73312407	2.6437078	1.58260496	1.48248567	1.19474277
2.61582578	2.93993032	1.68194567	1.61602218	3.0557305	2.91927112
3.41818622	3.49262809	3.24713992	3.13243992	3.57039363	3.54392395
4.59106779	4.73823425	3.28901064	2.10454874	2.52698218	2.45288831
2.69983458	2.48371828	5.63672863	5.5289589	5.72294529	5.77241429
2.97243611	2.55135623	3.70155083	2.32074988	3.20498873	2.7988899
4.54896134	4.53978658	4.21188864	4.63047848	4.42077631	5.02697299
4.3473801	4.31480256	3.83777669	4.6039492	4.32288873	3.42299416
4.42402293	4.71755165	4.57064583	4.65474019	4.55617678	4.79422357
2.0804472	1.8129948	1.00E-04	1.69660134	2.42353191	2.21218733
4.13461226	4.49958185	3.61456382	3.37768342	3.66742975	3.91561093
2.83985283	2.7661216	3.12489992	2.37160067	3.46394695	3.40236264
4.20070946	4.37099314	3.42397949	3.44063023	4.11184462	4.06157283
1.68857774	1.5400268	1.00E-04	1.00E-04	0.35063257	1.05161236
1.34349337	1.90359511	1.00E-04	1.45795278	2.19407062	1.82464015
1.51100595	1.34925313	1.00E-04	1.68094744	1.18400798	1.52445597
2.42226722	1.98663932	1.00E-04	3.39523856	2.38331446	2.88451494
3.28719178	2.98148404	2.39042884	2.28241171	2.6252151	2.0434475
3.02605972	3.40125845	1.00E-04	4.55006781	3.60142577	3.78792228
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50857658	0.78691146	1.00E-04	1.00E-04	0.49981427	0.64490035
0.55840391	1.12872688	1.30789632	1.24020037	1.45783448	1.41354684
2.51775489	1.39917226	1.28609943	2.26032109	1.00E-04	1.09351156
3.1654677	3.60483406	3.53361241	3.54274353	3.7058289	3.39607174
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.06236884	4.02922777	2.79604287	3.01304462	3.35210657	3.62720061
2.38593575	3.00562425	2.62478721	1.87372056	2.79798629	2.55910549
3.62962971	3.904049	2.50788313	2.75863957	3.72699101	2.93407791
3.10441582	2.3205615	1.00E-04	5.48379484	3.13496713	2.58657763
4.03028709	3.76735627	1.00E-04	3.04851615	2.8120557	2.47044441
2.49418874	2.47194083	3.32119784	2.32463902	2.25836247	2.19270449
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15671146
2.5187876	3.0490327	1.00E-04	2.2507144	2.4500103	1.63600217
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67961724	1.00E-04

1.77541026	1.46413112	1.00E-04	1.00E-04	1.30145605	2.23789524
4.14535733	4.55625758	4.23189179	4.12452315	4.28071785	4.28904256
4.48301156	4.45239378	3.04190096	3.66246159	3.74385913	3.89089067
2.79473694	3.03544972	1.98685244	1.96335477	2.69733867	3.19555869
5.90990512	5.88270844	5.46027884	5.64690357	5.62693897	5.5812495
4.99478506	5.05187852	4.95215713	5.34115408	5.42622677	5.50543619
4.49873599	4.38824845	3.84694565	3.94540647	4.24836308	4.19670063
4.73188489	4.21953225	2.16483827	1.35357331	1.75767316	1.29320109
1.00E-04	0.86453657	1.00E-04	1.20894185	1.00933684	1.23811525
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62918788
3.65587008	3.73622438	1.75472403	1.00E-04	1.55699687	1.56494057
1.72538615	1.23659422	1.28316224	2.63441919	2.05585799	2.42354946
1.00E-04	2.01975105	1.00E-04	1.00E-04	1.00E-04	0.81625573
6.01035828	5.78991633	5.26553328	4.33118827	4.72166362	4.77226191
3.58018192	3.68372339	3.59255274	3.32059342	3.41469353	3.94273899
4.97421925	4.92737338	3.45182182	3.78783715	4.02963941	4.22045777
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87709559	1.00E-04	1.00E-04	0.95537362	0.80295674	0.94170528
3.05006453	2.84677817	6.93588927	7.28708727	6.76498623	6.85415826
4.67006093	5.21745681	1.38754516	1.88035738	2.38614996	1.69983228
5.36319704	4.75672951	1.00E-04	2.89076221	2.53006227	2.29320026
4.76724908	4.82845327	3.53419269	2.9193394	4.07617944	4.02570618
3.22937319	2.60449452	5.26760384	4.95159412	5.56322309	5.71204119
3.78559013	3.31761132	5.18848451	5.7601711	5.32399191	5.06813874
3.77057586	3.77555606	3.12917894	4.06291289	4.62938889	4.55379654
5.05271805	4.99734222	4.82835717	4.48987404	4.71226193	4.94671248
3.7934585	3.48334277	3.19413952	2.46241356	3.58171225	3.69725654
0.37484237	0.61419632	1.6068095	1.00E-04	0.81640047	0.96587894
4.42399453	4.70312227	2.62526813	2.48555729	3.84490302	3.83471779
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
2.78832778	2.72761243	2.83345114	2.3617489	3.01454524	3.16039003
0.77658702	1.00E-04	1.01811585	1.00335735	1.18378185	0.75381876
1.00E-04	1.9217271	1.00E-04	1.98039733	1.64356467	0.97575181
0.60327704	1.25095019	1.00E-04	1.41223445	0.13235227	1.00E-04
3.3122529	3.55932839	3.55100744	2.8361454	3.84200554	3.8636191
1.10330367	1.20956268	1.00E-04	2.28582428	1.50619196	1.70683487
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45228912	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05817503	1.06872667	1.00E-04	0.87693458	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24405756	1.00E-04	1.11518827	1.51878616	0.12723689	1.00E-04
1.20584686	1.00E-04	1.00E-04	0.90627653	1.00E-04	0.81625573
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35948108

5.91069245	5.7474802	5.0207688	5.22934792	5.4851506	5.22734465
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.65921532	3.83741241	4.91950202	4.84194586	5.74749458	5.63347908
6.05526829	6.05192341	6.40916754	6.49992901	7.20532392	7.09948807
4.34372003	4.68697498	5.2413876	4.99298706	5.74723758	5.95605558
3.61986041	3.6809325	3.04405271	2.63424885	3.82940366	3.96584637
4.37195485	4.26196286	5.87172272	6.15810772	6.04004021	6.1406742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.09673128	5.14167112	4.21873132	4.58832036	4.48163808	4.51768029
1.20730727	1.86562294	1.00E-04	2.18971334	2.19259069	2.04822813
4.91431581	4.87982904	5.87884787	6.31020033	6.00310716	5.98540028
5.69077082	5.66708207	6.49734316	6.39034969	6.33947476	6.30506509
3.74038832	3.24739997	1.01811585	2.4640227	1.58805822	2.38520781
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93747419	1.00E-04
3.17835966	2.97687036	4.48622652	4.34309376	4.57401153	4.47693774
1.00E-04	1.00E-04	1.00E-04	0.78815465	0.58408879	1.40329626
1.44840439	2.25047763	1.00E-04	1.52939111	0.77896842	0.87347372
0.1163586	1.00E-04	1.00E-04	0.97578985	1.38221511	1.17518251
2.93935527	2.27429483	2.99930416	4.04686822	3.52549381	3.15579991
5.77187483	5.77600163	5.95610617	6.18477295	5.94970716	6.05570021
2.61511206	1.44588087	3.80464004	2.37091881	2.03776804	2.66751566
4.94705649	4.80993861	4.87725395	4.83394595	4.86096625	4.8842152
4.11562943	4.25286651	4.23821721	4.02714375	4.02420945	4.36312283
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33307364	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77658702	0.51466394	1.00E-04	1.00E-04	0.41505766	0.64490035
3.92656663	4.11315563	3.50916218	4.00504245	3.7991171	3.94858556
4.08447031	3.89158949	4.50263293	4.45892745	3.88185957	4.338886
1.76150473	1.6762256	2.50739511	3.35945678	3.06718574	2.69616109
0.43705185	1.70807818	2.36574343	2.84110019	2.48343178	2.08932317
1.23593095	1.76971653	2.39042884	2.60745245	2.21484049	2.67498191
3.48526998	3.43181522	2.73164171	2.47419112	3.1894155	2.59446122
6.28639188	6.09789701	5.79167162	6.08080968	5.98488516	5.97468633
4.97342876	4.76361799	5.59050526	5.25899272	5.01256338	5.08441384
2.69632018	2.17789325	1.6068095	1.28131218	2.16227178	1.74436315
4.62003866	4.76698501	1.00E-04	0.58468642	1.22798429	0.74915835
3.68847562	4.00218427	1.00E-04	0.69241499	1.45303725	1.51880899
1.71380666	0.83527633	1.00E-04	1.3406225	1.42963031	1.7998522
1.00E-04	1.00E-04	1.30789632	1.00E-04	1.00E-04	1.04768004
2.26540433	1.64140389	1.00E-04	1.1933915	0.33307364	1.00E-04
3.97722322	4.12933156	1.00E-04	1.00E-04	1.58757501	1.00E-04
5.59100855	5.33026645	5.71212749	6.03271158	5.57817792	5.72648112

5.71348504	5.57905247	4.16829461	4.28233994	3.12951819	3.52486561
0.36630267	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14143722	1.0243621	1.00E-04	0.91640475	1.40855172	3.98244805
1.25073349	0.83619698	2.76521371	2.80421207	3.00117223	2.98551467
1.75102514	1.87852915	1.00E-04	1.33697528	0.76119895	1.11526836
3.31446129	2.97192515	1.11518827	2.30814487	2.36851908	2.99407672
6.47294534	6.32827797	6.51170282	6.56068776	6.53485616	6.42450457
1.1949537	1.88296776	1.00E-04	1.8913924	2.0121443	2.30395541
3.18739096	3.3276878	3.07136197	2.85860744	2.93660377	3.29248228
2.15109185	1.5268034	1.9503961	1.39038459	1.19603333	1.70509519
3.00820007	2.51822696	2.69170732	1.4857311	2.30565836	1.81902616
5.31972404	4.65450175	3.14590278	4.1802469	3.85781468	4.12265426
3.88630534	3.82892427	4.73233285	4.05143615	4.33157799	4.41174304
2.27510955	2.49526254	1.8855032	2.35908096	2.94081579	3.04826594
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	1.49863439	1.00E-04	0.56487062	1.21261845	0.97227906
0.63771028	0.8829895	1.00E-04	1.57242459	1.78011764	0.46873513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.82908482	3.8532867	1.52319676	2.89989034	3.73356323	3.54458059
2.83041929	2.37283848	2.52307057	2.63431333	1.97548589	3.0964768
1.74060978	1.87535552	1.01811585	2.70167172	2.09962434	3.06698269
2.73647824	3.15818113	1.27996271	2.47822985	2.17923687	2.8998361
0.55880742	1.00E-04	1.00E-04	0.94590059	1.23193463	0.81498449
4.66537505	4.87479026	3.65346464	4.06043545	4.92532293	4.58717096
5.25549664	4.51614797	5.42547127	5.84633769	5.87494956	5.06923206
5.06861268	4.88615549	5.14365534	5.14987402	5.67420581	5.1785597
6.29053716	6.07895575	6.05868172	5.97093563	6.44477468	6.07997485
0.96250667	0.30163127	1.00E-04	0.25428292	1.00E-04	1.00E-04
1.98446822	2.58971712	4.99735542	5.39290442	5.5627964	5.65301819
0.59719642	1.00E-04	1.00E-04	1.00E-04	0.21911936	1.04768004
0.1163586	1.00E-04	4.15781925	3.50755107	4.02488289	3.87594224
0.80946357	0.39496032	1.74110187	1.00E-04	1.60301406	1.00E-04
1.50317935	1.00E-04	1.00E-04	1.00E-04	0.32943408	1.00E-04
5.93350955	6.07633228	5.8979715	6.00754411	5.83380894	5.91070613
4.8457903	4.93422835	5.18133669	5.11064435	5.31882944	5.52235294
3.85394439	4.00125476	2.90153177	3.3503378	3.83710592	3.77695811
4.32271663	4.46604949	4.51991822	5.14529212	4.59218382	4.89993094
3.28758531	3.24386999	3.26517458	2.66224846	3.24787027	3.25550893
1.84182568	1.61222937	1.00E-04	2.20335618	2.62375628	2.87633167
5.04831082	5.1487672	4.62535059	5.07913506	4.95937913	4.95219188
2.47539312	2.95217804	1.52319676	3.10562309	3.03380862	2.92631946
5.80615469	5.81023264	4.79134932	5.52265976	4.90923431	5.42396647
5.91226101	5.76349352	4.79487057	4.45275079	4.44370373	4.66589941

4.23365841	4.24181456	3.75500955	4.03738529	3.68733131	3.84637054
2.87652107	2.90691074	2.04711781	2.58699746	2.83323734	2.77970585
3.98514891	3.94398676	3.89311225	3.78603769	3.87016379	4.14409688
3.05887845	3.66390245	3.35122519	3.07526072	3.25095726	3.49166398
1.00E-04	1.96675851	1.00E-04	0.54938023	1.01807554	1.72959236
1.99008396	1.75765976	1.00E-04	1.78685246	1.69258843	2.03631111
4.525046	4.46447273	4.17199025	4.32426073	4.55599342	4.82539368
1.00E-04	0.3708313	1.00E-04	1.00E-04	1.00E-04	0.36890356
2.79721137	2.58729814	7.70024965	8.09170488	7.47475279	7.65962459
1.00E-04	2.05000805	1.30789632	0.30764686	1.23098553	1.3338773
2.55954801	2.00974635	3.10399285	0.67707868	1.62185916	2.40082116
4.02313407	4.07653868	3.75876841	3.79998415	3.78477485	3.76082746
1.81761926	2.09120399	1.60160529	0.67388252	1.57351389	1.1361017
1.89967861	1.17197605	1.00E-04	1.44672831	2.19757896	1.03139699
1.00E-04	1.28065658	1.00E-04	1.00E-04	0.22725774	0.78379126
1.26093915	1.5031497	2.3636629	0.74877042	1.73973241	1.88465747
2.18159099	0.84548145	1.00E-04	0.37771766	1.67414046	1.81467309
4.53588773	4.59535443	4.53841238	4.76002949	4.87230997	5.05466712
1.00E-04	1.00E-04	1.00E-04	0.86014803	1.00E-04	1.00E-04
1.00E-04	1.32482036	1.75472403	1.00E-04	0.33004234	0.13067397
4.4300403	4.72306477	1.00E-04	4.01044395	3.91687918	4.05779894
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85294199	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.231404	2.64722928	1.00E-04	1.35154798	2.23025327	1.54594678
4.27883855	4.45893617	3.47230057	3.66850463	3.62063534	4.11157728
1.00E-04	1.00E-04	1.01811585	0.24834324	0.68194437	1.46405291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54857924	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71962289	1.00E-04	1.00E-04	0.85617006	1.44131807	2.211701
1.34427225	0.65326668	1.00E-04	1.36687148	0.08158092	1.00E-04
0.93735702	0.57217101	1.00E-04	1.06903693	1.55437033	0.93890178
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77340534	0.37215976	1.00E-04	1.00E-04	0.59528506	1.00E-04
1.00E-04	1.31148725	1.00E-04	1.00E-04	0.59581951	0.46104644
0.43324021	1.00E-04	2.5552906	2.93378361	3.00458935	3.75058683
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	0.46519661
1.26696348	2.36949404	2.65289165	4.4819726	4.11042431	4.002735
0.96813388	0.94343411	1.00E-04	1.59494236	1.23575995	0.91458387

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29628668	1.00E-04	1.00E-04	1.68949643	1.43965857	1.35468616
1.00E-04	1.00E-04	1.00E-04	0.68472373	2.02255736	1.78874753
1.00E-04	1.09447493	1.00E-04	0.93779755	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00270178	1.15314873	0.37073618
1.00E-04	1.00E-04	1.00E-04	1.73009343	1.83244262	1.14995682
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86640468	1.00E-04	1.00E-04	0.7537902	1.00E-04	0.44175658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07553177	1.00E-04	2.92851835	0.77267459	0.43188226	0.55209161
1.83214414	2.56707508	3.3910437	2.36139094	2.420959	2.02999334
0.69330522	0.98681494	1.00E-04	1.00E-04	1.00E-04	1.45296608
1.80219983	1.75775166	1.00E-04	0.8656982	1.00E-04	2.0799667
0.52586187	1.01430436	1.00E-04	0.94906775	0.78599198	2.0744979
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.05580673	0.69241199
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82861632	1.56757908	1.00E-04	1.00E-04	0.85443296	1.28836118
0.73100112	1.06928643	1.30986649	1.00E-04	0.99148535	0.92768352
1.09636433	0.93895835	1.00E-04	0.24834324	0.8161147	0.5545403
0.47900737	1.00E-04	1.00E-04	1.00E-04	0.71817091	1.00E-04
0.15907666	0.75289907	1.00E-04	1.44506461	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.51792844	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77081969
1.00E-04	1.00E-04	1.00E-04	0.20501279	0.26199636	0.13067397
1.00E-04	1.20217548	1.00E-04	1.00E-04	1.00E-04	0.21329315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37724529	1.00E-04
1.00E-04	0.94658676	1.00E-04	1.04351407	0.69281774	0.7843276
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.02343413	2.84350499	3.89956351	4.30793057	3.31973643	3.52747124
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47900737	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
0.09292159	1.00E-04	1.00E-04	0.37771766	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6474456	1.46116315	1.00E-04	1.88855826	1.42204403	0.99699767
2.32806238	2.52822715	3.01118174	3.17205478	3.64018864	4.31668958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63771785	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.08512034	0.46570086	0.38874354
1.00E-04	0.92085414	1.00E-04	1.60161498	1.00E-04	0.53812177
2.15491482	2.15400169	1.00E-04	1.30139014	2.46619002	2.7865577
1.00E-04	0.69136595	1.00E-04	0.46633175	0.28404155	1.00E-04
1.19371	1.2796555	1.96740946	0.54676642	2.12437501	2.4016872
2.92584985	3.23633665	3.02314682	3.71978086	3.25572707	3.66810894

0.60708278	1.38737865	1.00E-04	1.37907988	1.02211476	1.53430345
0.70531764	1.07197718	1.85693283	2.93389412	2.13353267	2.39424107
1.00E-04	0.63220067	1.00E-04	1.00E-04	0.3548392	1.00E-04
1.74855386	1.19848702	2.08421616	0.46633175	0.65430822	0.68255594
3.21651295	3.40004017	6.22773877	6.64991112	6.51805889	6.60926479
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17279347	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.64186941
1.00E-04	1.00E-04	1.00E-04	0.20501279	1.47411214	0.12854881
5.55238621	5.72303903	1.00E-04	0.88257138	0.68822872	0.38032321
2.88039696	3.16126876	1.49210505	2.2786457	2.28414482	2.90106141
1.00E-04	1.00E-04	1.00E-04	0.58410459	1.00E-04	1.00E-04
0.56875798	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33004234	1.00E-04
0.97894624	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.038029	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75008908	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13985082	1.03601191	2.03123029	1.5162464	2.38065266	2.96337943
2.83208591	3.01697043	1.00E-04	2.73105379	2.97226659	3.43717915
0.84714883	2.06284414	1.38754516	1.00E-04	1.43771357	1.07091636
3.02379782	2.63591243	1.00E-04	2.67303703	2.78094302	2.48844933
3.29741767	2.8185654	2.24712827	3.17089984	3.25309305	3.31285569
1.1738364	0.3972097	1.28609943	0.83860603	1.66211563	1.21279271
1.00E-04	1.00E-04	1.00E-04	2.18350658	2.5560879	2.42760971
1.13355512	0.93817889	1.00E-04	1.15764441	1.59338256	0.2878742
1.60885363	1.17778478	3.18415499	1.53254942	2.02094511	1.22090027
3.30622071	3.23690249	1.69861292	2.71997784	2.96850953	3.29839676
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.76627417	1.41803107
2.11243678	2.19913257	1.72441395	2.32992525	2.35344556	2.456223
4.19573838	4.03374975	1.01811585	2.17477981	2.7414563	2.78415548
1.09743422	1.01549358	1.00E-04	1.48639581	1.17769942	1.05422657
0.80973828	0.21289605	1.00E-04	1.60639684	1.66886603	1.86442406
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.74214235	2.74192523	1.00E-04	2.53182717	2.1128742	2.36974144
1.49120873	1.25268202	1.00E-04	1.30148	1.70122281	0.34272783
2.09670214	2.7215983	1.57238317	1.99793263	1.77572715	2.27745767
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.14858957	3.2459507	3.48091203	3.07412944	2.91294477	3.49069055
3.45232345	3.54774324	3.98369034	3.0602853	3.8490397	3.93578553
4.0852071	4.0555918	3.67289631	3.38407505	3.78529481	3.9703361
2.13353751	2.08979447	1.00E-04	0.96134363	1.40271248	2.08045726
0.6596661	0.34385176	1.00E-04	1.32050886	1.00E-04	1.01249777
3.9062634	3.95408754	3.77565011	3.9189688	4.04577177	3.87864022
3.67915588	3.63651296	3.50877201	3.41079338	3.50400989	3.62856522

5.69647651	5.58033405	5.54660866	5.7727137	5.81177334	5.80657741
4.59664837	4.58653012	4.58514598	4.3439529	4.38293913	4.36375464
3.97079023	3.78964015	4.97718815	4.66210426	4.04574197	4.36086339
4.91487858	4.71549961	4.84047294	5.11339615	5.08272662	5.22468816
3.25312121	3.53826692	4.20711478	3.51798023	3.57260119	3.78247484
3.9603494	4.01802031	4.62042877	4.45358274	4.37858298	4.51126091
5.89791486	5.78513142	5.78470488	5.98731214	5.69482238	5.91429262
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.69670919	0.2462289
4.51804249	4.81965395	4.06579292	4.40099772	4.13782399	4.37399229
4.29012714	4.12892422	3.27489055	3.95493906	3.84319828	4.29515854
3.73698842	3.6602697	3.47033974	3.96974571	3.55880068	4.03328195
3.1977831	2.82631253	1.38754516	1.40642188	2.89913475	2.48646094
5.7003509	5.70902165	5.80554499	6.00382104	5.52836509	5.56980045
3.59587405	3.30873316	4.47082894	4.62577951	4.79404818	4.1209842
4.46363356	4.40452839	3.82328895	4.0357555	4.15510237	3.86734834
0.65445586	1.03735186	1.28316224	1.6291418	1.65521824	2.19983703
0.64435322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31289185	3.68576135	3.6949206	3.55316571	3.72992758	3.86958053
2.91897499	2.78540057	3.34431248	3.39974702	3.45091019	3.30286522
3.51743687	3.72322287	3.04968879	2.86166058	3.12200598	3.43063411
4.27243018	4.07545753	5.17318862	3.86661886	3.71148566	4.38486144
3.23957713	3.0959499	3.88101308	2.17530426	2.8982378	3.04294249
7.55729244	7.58016832	7.49304834	7.08728244	7.65855083	7.82870675
4.55732438	4.62218232	4.32394881	4.28196213	4.67583716	4.75109323
6.01862473	5.94757453	5.4579011	5.04097418	5.6502486	5.75844319
8.89250416	8.79685259	8.89727527	8.40830608	8.93359271	9.07884777
8.03902958	8.03542264	7.70484751	7.6372384	8.13365053	8.21142397
4.0710606	4.22878753	4.57005885	3.58235119	3.58802415	3.95964599
8.8729177	8.78942061	8.49182681	8.22399635	8.84947884	9.03643978
7.79247887	7.82281427	7.56842908	7.44832658	8.02364409	8.11078084
7.73712489	7.69137551	7.70757159	7.3988969	7.76773966	7.98479351
7.89142029	7.7494592	7.7504512	7.47174048	7.95267043	7.9765572
10.8368854	10.8575787	10.3457878	9.67237936	9.69347775	9.98442124
8.92960397	9.04161021	8.33419993	7.80237741	7.99686817	8.26835966
1.63801511	1.96671708	2.81239203	0.25428292	0.17637488	1.67079856
0.33099482	1.00E-04	1.00E-04	0.77932464	0.86535102	1.00E-04
1.00E-04	1.00E-04	2.81239203	1.00E-04	1.00E-04	1.00E-04
0.59691882	0.97538614	1.00E-04	0.79650495	0.17649229	0.2878742
0.44102711	1.00E-04	1.00E-04	0.37771766	1.00E-04	0.99764567
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.39024591	2.32468316	2.51997153	1.39706775	1.45533298	0.5241625
1.11701082	0.31765625	1.00E-04	0.46633175	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65334627	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87778874	1.87986115	1.00E-04	1.7841866	1.27438347	0.75076259
1.00E-04	0.5280252	1.00E-04	0.25428292	1.00E-04	0.54828133
0.74114016	0.46062364	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98213111	0.65068802	1.00E-04	1.06795749	0.2418645	0.30047008
2.03995085	2.4680366	2.60232255	0.44499567	1.44153563	1.53863334
3.49084372	3.226704	3.54486535	2.35490352	2.26760842	2.64870438
0.45216556	0.7518857	1.00E-04	0.89834432	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98397762	1.00E-04	2.46475451	1.17432339	0.46253117	1.10465852
1.77979541	1.40439351	1.00E-04	1.80348056	1.54529254	1.86660719
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.94302299	3.75165362	3.85390595	3.54577242	3.85967786	3.64015052
4.51886244	4.59816478	3.45710599	4.4497661	4.6989291	4.90213127
1.57599626	1.67354912	1.11518827	0.58417725	1.58900848	1.68815824
1.00E-04	0.5153255	1.00E-04	1.36407119	0.81710426	0.53054394
1.81879695	2.51816216	1.00E-04	1.49081024	2.72419201	2.37576738
2.44152865	2.44086056	3.54856635	3.00451311	3.22613036	3.30253879
2.19748702	2.39440284	2.00840892	2.75923086	2.77178348	3.1713555
4.04242497	4.38541648	3.65625549	3.38919295	3.1965125	4.18074037
4.22052209	4.04547851	3.46251812	4.0590107	4.21154265	4.36184217
4.51778636	4.55303012	5.0180566	5.14144551	5.11119896	4.99028149
1.25960656	1.75302426	1.00E-04	1.68709652	2.25750733	2.18196771
4.10159523	4.19002336	4.77322019	4.73221947	4.48924843	4.85610267
4.15189044	4.0478662	3.83393547	4.41672552	3.73641612	4.04421324
0.78878339	1.00E-04	1.00E-04	0.67325668	1.79335206	2.32089185
2.3337403	2.90400448	1.40283744	1.92500968	1.53775889	1.03259847
3.78997185	3.55006689	4.44356805	4.43938725	4.18757678	3.95820587
3.31767776	3.77200841	4.17068685	4.44689137	4.01894693	4.35164093
3.63502813	3.43964669	3.17063205	3.75633131	3.4394952	3.87967325
3.58821141	3.52746214	4.29241777	4.50732751	3.91771636	4.48195358
2.63906685	2.47833306	2.63978203	2.3464995	2.27744292	2.72487063
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
2.44716765	2.68682454	1.80495312	2.24811765	2.53051451	2.92788229
5.02897217	4.79986883	5.10996568	5.50225437	4.99212319	5.18564841
3.36038331	3.6657713	3.52658035	2.97174554	3.14867063	3.16396313
4.09917506	3.9570211	4.2007102	4.18913953	4.28014876	4.35717161
2.7603588	2.722863	2.01665726	2.10929351	2.73010239	2.64154957
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02199385	2.42356218	1.00E-04	0.79003373	0.11579337	1.03414188
0.94319839	1.14330607	1.00E-04	0.66641237	2.00310156	1.79273878

2.75960428	1.64660548	1.00E-04	2.66284384	1.47693485	1.52277096
4.35673457	4.50292062	4.07419623	4.26898108	4.13180991	4.54450601
0.71706674	1.40006493	1.00E-04	1.7354282	0.93812489	1.00E-04
5.32157281	5.23309653	5.19709373	5.57158152	5.39185321	5.53808686
1.4481151	1.20077364	4.5727029	4.22473223	4.58070004	5.12364276
0.27093267	1.64627623	1.00E-04	2.68796352	2.36534997	1.60843129
1.11609167	1.00E-04	1.00E-04	1.77244528	0.08158092	0.89191233
2.75395555	2.40379381	1.00E-04	1.51837264	1.0963543	1.41129285
0.79341826	0.58812963	1.00E-04	1.89985058	1.9629245	2.06322269
5.07256716	4.95398364	1.91177822	1.76261232	2.06589626	1.77083492
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.11453117	2.5380941	3.60815889	3.85028363	3.748112	3.37052339
4.55933675	4.22035865	4.37846043	4.17221672	3.28859784	3.37560423
1.7057185	1.5134879	1.00E-04	1.08803029	1.76818343	1.4947918
3.00569625	2.69612583	2.48390113	2.83325211	3.1715145	2.96594285
4.8711714	4.71708689	4.83862539	5.10657133	4.84718804	4.98060028
4.33775077	4.80441822	4.78377173	4.85775785	4.6027785	4.90990547
0.93164754	1.15382429	1.00E-04	0.49595628	1.42530663	1.25954002
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.78853044	2.35698538	3.28553295	3.68222069	3.20912904	3.10829939
5.02817865	4.98336256	6.34322643	6.56354404	6.12381925	6.20053557
0.97924452	0.8762467	1.00E-04	1.00E-04	0.91393895	0.27250157
1.14495506	1.00E-04	1.00E-04	0.75042161	1.00E-04	0.34272783
3.65162327	3.65129827	5.93493303	6.13354899	5.79565369	5.93848978
1.24586538	1.56991189	1.00E-04	1.00E-04	0.6935098	1.00E-04
1.12362141	0.49933521	2.38639631	1.38138846	1.57405259	2.25436747
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.63913365	1.00E-04	1.00E-04	0.3340074	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
4.73203494	4.48920653	4.69648193	4.88231244	5.07916096	4.81895258
3.58102313	3.71949059	3.73490331	3.74868241	3.64420799	3.89579183
2.20884363	2.23201419	2.71671914	2.14155163	2.39397302	2.82130394
0.84161507	0.34385176	1.00E-04	1.00E-04	0.37724529	1.00E-04
3.47841825	3.45695907	2.5259122	2.85038339	2.710938	3.29072608
2.61635852	1.4761586	1.00E-04	1.43803737	0.61102441	0.71844348
3.82205008	3.81457514	4.33747655	3.9938387	4.12184096	4.51740159
2.55804787	2.89430673	2.99150061	2.84106439	2.9904719	2.83699678
1.74779704	1.00E-04	2.11443396	3.05884412	2.32259628	1.46923967
1.18798056	1.30984872	1.83054554	1.34958678	0.7930158	1.00E-04
0.89166856	1.00E-04	2.69056712	2.23804492	2.71116693	3.30207865
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1275386	2.17981972	1.00E-04	1.80832602	2.09041789	1.08867839
3.06449651	2.40875672	3.77701034	3.43104689	3.10228886	2.46398891

4.60596921	4.8886643	5.24661322	4.68622075	4.77833073	5.01391768
0.53888819	1.00E-04	1.00E-04	0.88464273	1.40118912	1.00E-04
3.90970642	4.14887353	4.9462419	4.55348661	4.57720734	4.87720512
3.43797527	3.0050459	3.22327696	3.27815593	3.25832169	3.33617593
2.08763258	1.95394508	1.01811585	1.58398866	2.0270308	1.58459776
0.71706674	1.00E-04	1.00E-04	0.44711858	1.42705146	1.00116555
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64100324	1.08927097
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.60360132
5.03146259	5.03873361	4.24306348	5.02374509	5.05756583	5.09667774
2.73720617	1.63374656	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69136595	1.00E-04	1.00E-04	0.4629503	1.81559747
1.41660474	0.84355469	1.00E-04	0.61072705	1.00E-04	1.00E-04
2.44067973	2.33135507	2.78538608	2.71902378	3.35537919	2.48785532
4.29787881	4.34264224	4.17291818	4.18564367	3.98132642	3.95390894
1.51154658	1.67675041	1.84440302	1.35466178	2.34613935	2.01007173
1.45747053	0.31765625	1.01811585	0.52265047	1.55611721	1.91436739
1.61621715	1.07259985	1.00E-04	1.10362266	2.31922238	1.86514976
3.40529951	3.45937006	3.15113679	3.06645956	3.34882419	3.19914983
2.64824829	3.00389344	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94259071	1.10109797	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70612275	2.67432373	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.58316606	4.19944508	1.00E-04	1.00E-04	0.87887513	1.13085552
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.07129559	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68182095	1.12317289	1.00E-04	0.29016598	0.27075658	0.3077336
1.13900811	0.75174116	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.29126425	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35699872	0.76648865	2.16483827	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41819914	2.45643079	2.74250439	3.11418351	2.36780388	2.39460769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84669586	1.00E-04	1.00E-04	0.37771766	1.00E-04	0.64751026
4.70103909	4.88071177	7.16375557	7.41306778	7.17056633	7.47036366
0.09415495	0.71655627	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.70684838	4.44809287	4.83676954	4.94097106	4.61030027	4.75735676
1.00E-04	1.00E-04	1.06844428	0.98192302	1.52452484	1.00E-04
1.02521192	1.00E-04	1.00E-04	0.72937106	0.67197178	0.14485168
4.75054178	4.77092446	4.71957207	4.81457286	4.6786419	4.91230581
1.40721109	2.01422186	1.00E-04	0.66641237	1.5180951	1.51748514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.65136404	2.47377399	2.23591737	2.05475782	2.29734994	2.95988678

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.15559854	2.69186477	3.71026877	3.2646739	3.21861304	3.17263838
3.39985341	3.15422666	3.88657866	4.04219629	3.95812725	4.15275066
6.71332863	6.66725192	5.17720423	3.96216705	3.3294958	3.5542955
4.9536872	5.17814843	4.71314733	4.59109674	4.62251978	4.48971769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.1245101	0.12723689	1.00E-04
1.00E-04	1.12921799	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.1029163	4.57386876	3.61971824	3.95170515	4.61807469	4.02867881
3.55129655	3.31640673	4.26632168	4.20386306	4.11206864	3.88773768
2.50145668	2.80844983	3.03727123	4.22612103	3.89645445	3.28485695
0.81402316	1.47321951	1.00E-04	1.27570467	0.8961685	1.00E-04
6.28132775	6.20243612	6.74283218	6.93728988	7.06790508	6.62404432
2.73540086	3.16501521	4.255777	4.71714087	4.01239554	4.41678533
2.71210308	3.06077195	1.38754516	1.82116594	1.97282864	2.71096805
3.34175877	2.60368074	3.02804264	3.12602436	2.66803254	2.51523042
2.63974934	3.47353456	3.50292723	3.23053323	3.38246748	3.51591924
4.63395497	4.31913095	4.77887606	4.22164773	4.39243097	4.52143145
3.84129913	4.14094434	3.3503457	3.40112771	3.81521136	4.05903931
3.42190328	3.82408937	3.90551522	2.62827104	3.28644352	3.27626273
3.05208802	3.51672234	3.23877886	3.64080699	3.74073698	3.69759745
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67600044	0.90456833
0.47015998	0.46062364	1.46133917	2.78961736	2.12207119	2.09604251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45277188	0.97666426	1.11518827	1.78269347	2.69638565	2.89204529
0.99954862	1.2603719	1.00E-04	0.53238302	0.64281369	1.00E-04
1.00E-04	0.56312682	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86700902	0.71020935	1.00E-04	1.10972673	1.55919961	1.00E-04
2.42320257	3.22489443	2.18505109	1.91330226	1.68434187	2.74095905
3.270556	3.10666578	2.44910109	3.45970869	3.68494845	3.44974721
2.82597146	3.0229388	1.06844428	1.87682752	1.53528064	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.32170271	0.12723689	1.00E-04
3.38037559	2.62254268	3.48705104	3.33791445	3.12816672	2.98005223
0.44087771	1.60133962	1.00E-04	0.37325883	0.47949227	0.43189376
4.21940166	3.91011638	2.92070744	4.27399423	3.86930864	4.00670733
4.7878832	4.80694607	5.16977316	4.60945713	4.50111985	4.48017335
3.24112689	2.92421585	2.48795417	3.05327915	3.12601321	3.70895992
2.07787544	2.0349509	1.46133917	0.92476704	1.75255042	1.9030943
3.17058048	3.03065285	2.81065207	3.24167002	3.13252814	3.42671126
1.00E-04	0.97970311	1.00E-04	1.12960739	1.00E-04	1.00E-04
4.92159126	4.83942788	4.49279373	3.98657887	4.42707617	4.65076601
2.01587639	1.98118777	2.1943037	2.57516692	1.73036642	1.17845016

1.24186399	0.566323	1.00E-04	1.73908674	1.22609789	2.09917098
4.59602527	4.51178599	4.16335552	3.9844503	4.33371777	4.32884037
0.50249001	1.86864414	2.3519957	2.5813224	1.68346515	2.45761564
2.25691608	2.76263892	1.00E-04	0.72937106	0.4362065	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.69887551	0.86532772	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.38731019	2.790197	3.55641358	3.43771636	3.51059873	3.57382352
1.00E-04	0.53054394	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41521233
2.23082841	2.41083363	1.00E-04	1.45328389	2.41388802	0.91439787
1.94235969	1.23011602	1.00E-04	1.15410976	0.32625617	0.75682992
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77866989	0.78691146	1.00E-04	1.22846231	0.39916426	1.65644232
2.60918504	2.92730733	1.00E-04	2.85437726	2.17593656	2.60847531
3.07580155	3.34974619	2.31235669	3.10920946	3.30247418	3.20386681
4.33750858	4.25288185	5.01158881	4.89198023	4.83604999	4.9007123
3.34754268	3.64693699	3.75994782	4.12023182	3.77567764	4.11019314
3.8639759	3.78771292	4.0468763	3.97785927	3.57092128	3.78743657
2.87386016	3.46198075	3.50204754	2.84542538	3.49567443	3.34943983
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81625573
1.00E-04	0.54611412	1.00E-04	1.00E-04	0.57479248	1.00E-04
0.68748623	0.62394601	1.00E-04	1.00E-04	0.76495293	1.60065284
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82972974	1.00E-04	1.00E-04	1.42618794	1.91125579	1.99943269
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.19602698	6.60139024	1.00E-04	1.09763591	1.98722355	1.66827925
4.98884826	4.90312911	2.1256519	1.00E-04	0.41231272	1.00E-04
4.58337728	4.19621637	1.27996271	1.00E-04	0.56841128	1.00E-04
5.37546009	4.92455066	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.83890358	5.00189685	1.00E-04	1.00E-04	1.16874278	1.00E-04
2.65803446	2.67134118	2.04595548	1.74216794	1.00E-04	0.46104644
1.4379097	1.11591068	1.00E-04	0.93022784	1.00E-04	0.35948108
2.23382136	2.90517591	4.98091185	4.80920679	5.30585528	5.52415318
1.00E-04	0.8978623	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.69457992	1.00E-04	1.00E-04	0.51029959	0.66872157	0.21329315
5.53020999	5.57661391	5.18419201	5.46796912	5.46119389	5.65889841
3.15964	3.40213872	2.96320447	3.44175907	3.37530292	3.19890362
6.12449858	6.08298354	6.52974976	6.58604201	6.36745273	6.34966934
3.64011159	4.06805905	3.78879126	4.43967757	4.00034874	3.98734417

6.24592439	6.02812414	6.28570497	6.72747193	6.41403491	6.19008872
3.37680006	3.75531194	3.19706598	3.15312056	3.4286831	3.51666348
4.73972909	4.85866664	4.95967971	4.76570504	4.94090706	5.21496076
1.23237173	0.57176089	3.03894127	1.23053386	1.77620781	0.8234728
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52058037	0.83086789	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.20700483
1.47970668	2.10667261	2.77477634	1.86453104	1.84662643	1.73286752
3.16665231	3.04000771	1.94733951	2.6733058	3.00215917	2.61677438
0.80916517	1.10870555	1.00E-04	1.00E-04	0.93854901	1.00E-04
1.00E-04	1.19230205	1.00E-04	1.76193571	1.62043631	1.60924916
4.59960504	4.677562	4.76883839	4.84486875	4.77019141	4.94021948
1.75303684	2.10864827	1.27996271	1.71759388	2.1422997	2.06563165
4.41123944	4.06133435	3.21303351	4.46396717	4.42518137	4.55177158
4.8812342	4.93026457	4.83188868	4.81736119	4.72515667	4.86978243
3.69709998	3.64843078	1.75472403	2.68957194	2.74569816	2.75281972
2.11475682	2.51598201	1.11518827	2.53943505	3.23018774	3.00081871
0.63771028	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.42870902	4.75296963	4.22353212	4.86254033	4.52093248	4.73354298
1.54829188	1.31336577	1.00E-04	2.23968413	1.72881036	0.91509343
4.63201479	4.73324329	4.03027368	4.11019914	4.35241206	4.40916682
0.66594473	0.78760619	1.27996271	1.58470395	2.03364751	2.39652725
2.30821613	1.90651967	1.00E-04	1.63419792	2.01180067	1.87802136
0.77340534	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.30118963	3.31025794	3.5987744	3.61745633	3.35315881	3.53544419
3.9727974	3.50204495	3.76914482	3.68243059	4.04454987	4.35613804
0.42124784	1.46604824	4.55323858	4.44558318	4.16056575	4.27258889
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.35566286	3.26549082	1.38754516	2.32171223	2.8469627	2.91219188
4.23602027	4.31087055	4.2916399	4.19939221	4.31923546	4.43694657
3.75025893	3.80646826	2.98677911	3.34683768	3.33536496	3.67908262
3.76535484	3.80606569	3.51895935	2.31552566	4.07178904	3.6573311
0.44087771	1.35585701	1.00E-04	0.71307202	0.18945863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.71860592	1.00E-04	1.00E-04
1.73628836	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0544843	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06145081	2.09868254	1.00E-04	1.26559382	2.6920647	2.01615121
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13538523	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83160248	1.00E-04
0.76171364	0.68475804	2.88175575	3.07448882	3.58481919	3.81479862

0.95086094	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0544843	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92253755	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00924216	0.56456051	1.00E-04	0.66391664	0.95711762	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43189376
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.99639979	5.16300239	3.8783913	3.90004177	4.9256134	5.0482142
1.24778636	1.53065254	1.82713664	1.48960124	0.37624996	0.38720421
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.51489969	3.70865094	4.69343045	5.03091339	5.25390594	5.44362673
0.76033547	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98769322	1.48432033	1.00E-04	0.66130263	1.60221405	0.49041951
5.44310609	5.33716619	5.78466869	5.92821179	5.71995456	5.69861071
2.94844656	3.00740251	1.00E-04	2.894327	3.27190196	3.20018289
1.00E-04	0.90571514	1.00E-04	0.25428292	1.00E-04	1.00E-04
0.91489641	1.539345	1.00E-04	0.96797894	1.48294804	1.42031996
3.39785664	3.35922558	2.8519412	3.68859307	3.36916011	3.60710517
2.82408825	1.4497378	1.00E-04	3.00402997	3.07998682	2.73973107
1.00E-04	1.00E-04	2.03123029	1.00E-04	0.52812965	0.58836182
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55642681	1.12643008	1.83054554	2.435777	1.35411463	1.85817987
1.8028115	1.09780346	1.00E-04	1.05644869	1.73004644	1.03101564
2.62672639	1.82418455	1.57238317	2.70358062	2.90805387	3.40810185
3.29929704	3.16434983	1.01811585	3.49821993	2.86406208	2.72332828
4.03519111	4.36217299	3.6044806	3.23169751	3.46431221	3.67579324
0.43311383	0.72050085	2.24726389	0.58410459	0.49392672	1.00E-04
1.35948543	2.35530588	3.66501764	2.75142705	3.18126376	3.5871793
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.728989	3.99067138	3.83642404	3.66002585	4.13668333	4.14833729
2.60723941	2.22662413	2.43749945	2.17817723	2.27108827	2.45021264

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44347704
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28858336	1.00E-04
1.16417743	0.98460955	1.00E-04	0.82291137	1.69383288	1.00E-04
4.14098749	4.28750335	2.47880357	3.12527725	4.43036734	4.17062735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49725216	1.01593807
1.38868131	1.00E-04	2.16483827	1.3238022	0.83160248	0.49041951
1.79223121	2.38217818	1.00E-04	0.9039174	1.42964424	0.57244588
2.67400225	2.28393997	2.46099858	2.26027152	3.86956796	3.96041611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77527281	2.28481652	1.00E-04	1.78781613	1.94306789	2.13685778
1.66208135	0.68786535	1.00E-04	0.24834324	1.43802255	1.51926952
0.79341826	0.4375449	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82593565	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.25838377	1.00E-04	1.00E-04	1.00E-04	0.40281018	0.70764924
0.70932703	1.08424027	1.00E-04	1.00E-04	0.11579337	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.06555598	0.77285606	0.65574892
4.45532669	4.36701309	3.66677746	4.02347186	4.73238315	4.36026266
3.58039447	3.55035508	3.82295257	3.6132322	3.99032448	3.86199628
3.13730484	2.96366782	1.00E-04	1.47667897	2.01994666	2.81424742
4.10484688	3.91931389	2.78098279	3.65832929	4.27741304	4.40186019
3.81786766	3.78473483	2.30851579	3.31751526	4.15928917	4.0977252
3.07981554	3.29500811	2.34926999	2.56843297	3.14614585	2.81731742
4.33788698	4.54078825	3.20568417	3.06180523	4.48586352	4.44066769
3.71927829	3.89760502	3.40215971	2.95131633	4.08944479	3.35638878
1.60786501	2.57057527	1.94733951	2.96459048	2.89868793	3.40965939
3.32696162	2.77996733	5.34856033	4.8747427	4.81021224	4.97025854
3.40409983	3.37627343	1.00E-04	1.79569575	2.29428706	1.7814381
3.80554645	3.59968209	3.5466834	3.99307325	4.2203039	3.72726122
4.11698989	4.07310484	4.2107434	4.05630934	4.65102067	4.63240144
3.30620905	3.58607333	2.26969129	0.80306694	2.30047146	0.72906384
4.90090367	5.01409646	5.6848826	5.7128954	5.95056886	6.05984178
4.5519536	4.29387768	4.64001523	5.09345825	4.83413421	4.61504189
0.72492258	1.00E-04	1.6068095	0.49689352	1.00E-04	1.00E-04
4.42782375	4.48736456	4.8482048	4.54192671	4.6954989	5.12995892
3.94658534	3.8591005	4.15695748	4.68169397	4.9345485	5.110433
4.82796151	4.53154241	4.49248654	4.8236382	4.61088373	4.41775415
4.88701622	4.96486528	4.81246542	5.19361271	5.10000395	5.14709594
1.00E-04	0.69835557	1.46133917	1.00E-04	1.00E-04	1.00E-04
3.86731962	3.9145709	3.09819303	2.98400404	3.55566355	3.69898794
4.27041041	4.36432957	4.30040358	4.27242482	3.90630756	3.82417326
3.28355849	3.41120347	2.59151893	3.5889623	3.89778294	3.66573797
2.86181691	2.61602522	2.1943037	2.7399503	2.95252589	3.06464953

4.35706173	4.78480148	4.02887528	4.15024436	4.11972434	4.36009257
4.07106495	4.15778266	5.0027893	4.59090723	5.44725278	5.58726357
5.28989752	5.18380133	5.74243149	5.30037253	5.98955179	6.02902333
4.57923383	4.42201839	4.11142117	3.95188366	4.21716481	4.54179954
3.01932261	3.66331864	4.05557612	4.15257967	3.88754714	3.76592792
3.46207083	3.63770847	4.64129316	4.02276335	4.94103427	5.26520204
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55036061
3.62046971	3.60467392	2.94823541	2.99128786	3.46919384	3.81094051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.59363906	1.00E-04
2.5949334	2.57067611	1.00E-04	2.06018407	2.96899778	1.46447094
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.37831747	4.61021222	3.76700273	3.76770362	3.71441949	3.97362629
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.08546484
1.93858128	2.64157031	2.32722852	2.39103608	2.43425345	2.29321173
2.0623493	2.35063888	1.69994631	1.85148492	2.80087966	2.6650625
1.57739303	2.85957234	2.49412871	3.21612108	3.10584047	3.1328478
5.32747186	5.45424461	2.35742396	0.84510244	2.51570852	2.10166571
3.85386314	4.07447418	4.58517796	4.32364289	4.2145034	4.23487134
3.80253077	3.62007162	2.56259673	3.27072365	3.23272225	3.71659272
0.58871261	1.08511389	1.00E-04	1.00E-04	0.23630946	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14655243	0.3708313	1.00E-04	0.84053347	0.43666205	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89824235	0.55653387	1.00E-04	1.19182416	1.00E-04	1.00E-04
5.62175078	5.54390721	5.70707394	5.96622984	5.61096033	5.47058777
5.26262071	5.17436945	5.31659945	5.42653031	5.48035992	5.50294848
6.11659198	5.93024429	5.61259123	5.82053103	5.64086812	5.66024132
5.88539295	5.96622443	5.07791424	4.76475252	5.14900915	5.42886582
1.89161447	0.84355469	2.1943037	1.93124326	0.82755508	1.00E-04
0.99090222	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.5882735	3.61667931	2.63962578	3.7022701	4.0298172	4.39179555
2.36726956	2.57988386	2.69239371	2.94195294	3.29738972	2.9860856
5.21824215	5.24321546	6.06832362	5.93161474	6.10906793	6.4138735
0.52268451	1.00E-04	1.96479434	1.43793727	0.55135661	0.63028362
4.77443681	4.68901121	3.40653272	3.73831506	5.05503216	4.39413504
1.37462897	1.19098681	1.00E-04	0.58468642	2.11002684	0.90006917
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.20277086	3.31326333	3.79892142	3.73467227	3.91657411	3.69397211
0.47015998	0.79219723	2.04595548	2.41343892	0.41451347	1.9092665
0.2866935	1.00E-04	1.00E-04	1.00E-04	2.1566969	1.11446534
4.74428556	4.65986724	5.95013638	5.83659274	5.81262841	5.65734242
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.97806573	1.63975274	2.37523392	3.19185347	3.6388063	3.36988523
4.1301994	4.12906936	5.52495482	5.31762727	5.54856468	5.65306719
3.25370835	3.24288522	3.19785862	2.00996502	3.0714406	2.81802956
1.20690789	1.56782125	1.00E-04	0.90034695	0.72534663	0.76252827
0.50045326	0.91779842	1.00E-04	1.00E-04	1.00E-04	1.03197183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.49491291	4.86600098	1.75472403	1.00E-04	1.77046506	0.89293735
1.22950005	0.4932192	3.37122345	2.43359491	3.10357426	3.06742731
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.15370213	2.73055308	3.1753883	2.419923	3.1589948	3.86396906
4.38013359	4.365617	4.07696381	4.37198452	3.94743088	4.49214787
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.75390176	4.08102226	3.85196425	3.26286725	3.64005638	4.12245431
4.02488038	3.95844394	3.77042735	3.97664449	4.15410121	4.57871911
1.10702931	1.70266698	1.00E-04	1.26823847	1.47158157	1.08928408
3.89016301	3.57506614	4.40908523	4.83474435	4.82166981	4.59377805
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44087771	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.56494145	3.50898668	2.17781662	3.46441761	3.53419893	3.86505421
3.92817043	4.06711205	3.39081656	3.18849816	3.94990343	3.48066828
1.51419135	1.00E-04	1.00E-04	1.00E-04	1.25331439	0.32900361
3.17172112	2.80650684	2.44319424	2.59615954	3.1690375	3.15747623
1.83538289	1.48053623	2.27114601	2.89605592	2.58589672	1.9644386
3.42380454	3.51300226	3.71685381	3.0165585	3.98784877	4.2122606
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12437087	1.10174968	1.00E-04	0.54676642	0.42757985	1.00E-04
3.96066913	3.91212909	4.35368732	3.96973744	4.35792345	4.23795168
1.00E-04	0.43785363	1.49210505	0.37082421	0.86934001	1.31730435
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.15680674	5.5226915	4.98541193	5.41559888	6.6963143	6.40635745
2.75085092	2.82593766	1.27996271	3.31895899	3.09328558	2.71239968
1.00E-04	0.5280252	1.00E-04	0.80306694	0.75370671	1.00E-04
3.40109658	3.31867398	2.96286904	4.0162944	3.88091075	4.02568575
0.83196897	1.01430436	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98084923	1.6692851	1.42763756	2.14745284	1.53294438	2.57423496
3.46422393	3.05595943	1.00E-04	3.50700326	3.60010158	3.59613267
0.60507862	1.46104672	1.00E-04	1.42123573	1.50876942	2.18214578
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69674853	1.00E-04	1.32532718	0.45228912	2.43873366
0.89950289	1.33692748	1.00E-04	1.00E-04	1.12338267	0.83491854
1.00E-04	1.45387607	1.00E-04	0.85722768	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.16444544	1.00E-04	1.00E-04	1.07306427	1.00E-04
2.48776353	2.32992132	3.72149768	3.79156804	4.02720136	4.48706574
1.07932688	1.98068735	1.00E-04	2.29413909	1.47701399	2.58285961
0.9341992	1.00E-04	1.00E-04	1.02555718	0.77746103	1.60261259
1.38640671	1.23443901	1.00E-04	1.00E-04	0.33004234	0.70114606
0.86013427	1.00E-04	1.00E-04	0.65562728	0.78739023	1.00E-04
3.3721568	3.40717657	4.40066377	3.64589338	3.41693243	2.55339028
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16785654	1.16102979	1.00E-04	1.30279742	1.94053772	0.8226875
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.32289509	1.00E-04	0.55023772	0.44385253	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23269493	1.00E-04
2.20560898	1.88380886	2.00743688	1.58496083	2.25708417	1.9218909
2.26947459	2.13351871	4.7026398	4.90459813	4.68764898	4.87298001
1.00E-04	1.00E-04	1.00E-04	1.56408864	1.00E-04	1.00E-04
2.91450856	2.50170156	2.83300164	3.33111975	2.75911201	2.27090803
1.63558831	2.20268917	1.6068095	1.86996417	2.01459763	1.33937384
1.60826378	1.95176742	1.30789632	1.31022265	1.08558316	1.26383834
0.66023508	1.00E-04	1.00E-04	0.47606859	0.85576777	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.74059989	1.00E-04
1.22615227	0.79160455	1.00E-04	0.79305243	1.96647171	1.19185354
2.82456421	2.25412324	1.30789632	2.41446018	2.97848324	2.3550497
2.02837266	0.24251465	1.00E-04	2.15549691	2.86249136	3.04631441
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95124855	3.17692622	2.96360396	3.17767151	3.3777309	4.05320125
2.11552932	1.82001269	2.95078119	2.88861939	3.75740421	3.76556053
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49168066	1.00E-04
1.85837048	1.84074479	3.20806779	3.46085313	3.36071104	3.17502235
2.3809687	2.21185197	2.46682134	3.05630987	2.4280872	3.61312641
4.22723341	3.68190079	3.6479416	3.73859516	3.92632324	4.0356198
3.76395185	4.05589748	3.24727947	2.92568501	4.01049387	3.76084375
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62998669	1.00E-04
3.93466705	3.85291495	3.29179283	3.00182391	3.60880438	4.1488822
3.53007441	3.60765205	3.58443378	3.77301187	3.74161559	3.43702406
5.09044682	4.83229561	5.7265878	5.41365023	5.62917105	5.79853433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.41409474	1.00E-04	0.14912336	0.63953561	1.00E-04
2.41371308	2.9967604	1.7257134	1.71566255	2.41986442	2.50205301

4.08741603	3.77414458	3.83264268	3.56555638	3.46762117	3.74744923
4.14177342	4.13702717	3.59955267	3.57128367	3.98740503	3.85894896
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33848153	0.31227169
1.89181378	2.42713238	1.73497509	1.6613245	2.30552081	3.05260173
2.01211019	2.36389084	1.00E-04	1.68678765	2.06694376	2.37146281
3.16349632	3.1000488	1.90370108	1.56253555	1.66454176	2.24424312
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.81196764	0.40665698	0.40555046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63402236	0.84722306	1.00E-04	0.7537902	0.56508007	1.05250857
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83494736
1.13595529	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.4049953	2.15583595	1.00E-04	1.5121082	2.06142777	1.46525221
3.22916974	3.40554649	3.38789037	2.74540735	3.86012776	3.56990338
1.95665747	0.5780606	2.57111928	1.00E-04	0.86819026	1.37630419
2.90088976	3.11432168	2.33646255	2.41358107	3.05105702	2.66505319
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.26039464	1.00E-04
0.97924452	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15700548	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25794122	1.48872058	1.38754516	0.88696682	1.16062168	1.23573393
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66812061	1.00E-04
2.87348526	2.32386036	1.00E-04	2.28444529	3.48899974	2.79129044
0.7048471	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68083469
3.16883306	2.81766815	1.96465546	3.12499914	2.95748214	3.10813034
1.58609488	2.0285725	1.82687244	1.1225531	1.9636215	1.74828767
3.50017809	3.8953691	2.4412945	2.24449274	2.95383544	3.05647623
3.91802849	3.93746545	3.42263249	2.84393255	3.63476319	3.7116158
3.80323023	3.75631353	2.85410874	3.76224424	3.83672734	3.97628128
0.7083881	0.69136595	1.00E-04	2.76952731	1.31011106	0.77081969
4.07902535	4.20679644	3.49240559	3.19271368	4.35409759	4.46346873
2.62194367	3.11994716	2.19528676	2.2516191	2.93197729	3.00330223
5.27740328	5.17387603	4.44178088	4.84036502	4.39794537	4.55322667
3.08563795	2.90402368	2.3009473	2.83259746	2.64080898	3.14390236
4.93012744	4.7674581	4.80502621	5.12246629	5.06483182	4.98372066
3.35917785	3.52917763	3.47600641	3.30716394	3.5016412	3.3033724
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.97908779	4.03125545	3.49102817	4.20912552	3.70154774	4.02894477

2.57381487	2.95164374	2.25189729	2.28717593	2.64889839	3.18024598
1.27585308	1.38344955	1.00E-04	2.42054278	2.10931966	1.86828293
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
4.56027511	5.10298554	6.65371098	6.81855738	7.01280782	6.6188646
3.49778422	3.40696728	1.28609943	2.60454005	2.55748573	2.87997949
2.62651109	1.60657173	1.54304638	2.3963163	1.99830098	1.93479606
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49592013	1.9547228	1.00E-04	0.78559119	0.584225	1.19691549
1.00E-04	1.02760975	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.04531523	2.00739655	1.28609943	3.14256129	3.64024657	3.80336509
0.70593205	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.67117129	3.83337553	5.61442607	5.40341405	5.60203206	5.91821619
3.58342009	3.31353258	2.94950076	3.27946742	2.71878614	2.6214241
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57907938	1.00E-04	1.00E-04	0.93419039	1.00E-04	0.62204603
1.00E-04	1.00E-04	1.00E-04	1.19353136	1.00E-04	0.27250157
1.69239101	2.12462766	1.00E-04	1.16047638	1.42786065	0.43189376
3.82712182	4.02718234	4.46775686	4.60524306	4.5878151	4.49099682
2.53722452	2.39096141	2.82231275	3.19722942	3.81646903	3.43744887
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.69936954	1.00E-04
0.32831434	1.36293899	1.00E-04	1.50313323	1.62512181	2.05957883
5.56815291	5.52939065	4.86747515	5.09255182	4.89989711	5.00995777
3.45209996	3.02973089	3.2784104	3.4629942	3.25095176	3.29720321
1.00E-04	0.85117793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.98685285	3.90079135	4.39293557	4.28664623	4.30825478	4.53941839
1.00E-04	0.72050085	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59632512	1.65039959	2.60039813	2.78507369	2.75249832	1.55330247
1.8715115	1.30417386	1.00E-04	1.08889817	1.9115961	2.10402004
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.28239791	5.14770896	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07653476	0.94874376	1.00E-04	0.67915539	1.37614498	0.40555046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.88624907	1.00E-04	2.13972583	1.96780431	0.16565788
0.7048471	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.9827109	1.00E-04	1.00E-04
0.56248291	1.61198111	1.00E-04	1.00E-04	1.95207438	1.02034075
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.09292159	0.76829922	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79022615	1.00E-04	1.00E-04	1.00E-04	0.16276316	1.00E-04
1.62775177	1.99178063	1.06844428	1.00E-04	1.79332865	1.35017309
1.31113209	1.78483089	2.83034205	0.73377125	1.98696643	1.79866243
0.97471665	1.0875282	2.30779586	2.08660649	2.57782847	3.49996649
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.91533948	3.52556283	3.34852299	3.42671392	3.48861436	3.56676025
1.75607217	0.68960272	1.00E-04	0.50430847	0.62201027	0.31227169
0.16178697	1.00E-04	1.00E-04	0.74932119	1.00834598	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95890665	0.48794717	1.00E-04	0.15557081	0.13427639	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43066061
1.00E-04	0.52360732	1.00E-04	1.00E-04	0.49981427	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25098797	0.37754883
1.00E-04	0.59560932	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68645598	1.00E-04	1.00E-04	1.00E-04	0.49688177	0.19641509
1.19669831	0.76829922	2.18505109	1.41951779	1.13737594	1.63785953
0.8945181	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.96481214
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48497572	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.42882467	1.01763529	1.00E-04	1.4113966	3.47762225	1.09939075
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.25242416	4.60031552	3.89746488	3.36718558	4.3191756	4.38453536
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66233849	2.4230475	1.00E-04	1.44607143	1.13640853	0.38465926
1.23259662	1.00E-04	1.00E-04	1.00E-04	0.19191379	0.95860324
1.4954594	0.67979967	1.00E-04	1.32532352	0.80844917	0.88320827
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.82682227	3.56393772	4.26191695	3.87647658	4.19158388	4.27035208
0.67970035	1.80752753	1.28609943	1.9336278	2.22236709	1.07852564
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.00E-04	1.00E-04	1.00E-04	0.16535238	0.87600279

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.12803385	0.14485168
0.35811479	1.55022399	1.00E-04	1.52089097	1.42432573	1.56041395
4.43844487	4.21283284	2.38188554	4.08725032	4.14515083	4.12433162
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.71429142	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62944948	1.76743855	1.00E-04	1.56342532	1.42822859	0.68427935
0.8682204	1.00E-04	3.3282079	2.99521675	3.10835778	3.55081862
0.98475211	2.02972411	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50502953	1.42757708	1.00E-04	1.00E-04	1.34972768	1.87589553
2.16131599	1.57023	1.00E-04	0.93995654	0.95302029	2.352016
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20501279	0.32943408	0.55323863
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55036061
1.00E-04	1.00E-04	1.00E-04	0.41438246	0.42455119	1.00E-04
1.69888002	1.92623138	1.00E-04	0.59354363	1.46041189	2.51358818
0.89087135	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57518268
1.27893744	1.38229157	2.28102325	2.25462187	1.75138074	1.26776156
0.96030558	1.23766732	1.99016435	1.15813653	1.56094657	2.28665028
1.00E-04	1.00E-04	1.28609943	0.67707868	1.06701979	0.46457775
0.09415495	1.00E-04	1.00E-04	0.48793187	0.88122039	0.63250491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.39304195	2.71414812	2.94163229	2.68996498	3.42108068	2.08845193
1.00E-04	1.00E-04	1.00E-04	0.76113877	1.00E-04	1.00E-04
1.00E-04	2.68165151	1.00E-04	1.00E-04	1.00E-04	0.44175658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22181604	1.24055107	1.00E-04	1.22418079	0.98496469	1.25790387
3.46643427	3.55442906	2.18621081	2.19866528	3.26706874	3.37655773
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.79721926	1.00E-04	0.98234371	0.56898515	1.0384754
0.73100112	0.88624907	1.00E-04	0.20501279	0.87603467	1.03406995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46739644	0.89160088	1.00E-04	1.00E-04	0.60992107	0.16565788
1.00E-04	1.83759373	1.00E-04	1.03106365	1.64560784	1.28248485
2.37173739	2.27156458	1.11518827	0.65562728	1.02836377	1.69287389
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8007554
1.00350573	1.61340442	2.0351745	2.10723646	2.94056977	2.75566775

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39496032	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.13971515	4.82262438	4.39345111	4.38020825	4.61933889	4.79661579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49240339	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62355783	1.00E-04
1.00E-04	1.00E-04	3.15437554	2.86751947	3.11918409	2.79497822
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1904331	1.27968181	1.49210505	2.36351814	1.17245635	2.00654433
1.23805455	1.01932025	1.40283744	1.76642172	2.11394263	2.40087407
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.59574527	1.00E-04	1.00E-04
4.72609002	4.74810065	4.32716681	4.93646441	4.83815351	5.02373558
1.00E-04	1.00E-04	1.00E-04	0.56487062	0.36639306	1.00E-04
2.07272531	1.89810902	1.6068095	1.44372907	1.63901017	1.00975734
0.6499445	1.00E-04	1.00E-04	1.05871514	0.88905226	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74926559	1.11240641	1.00E-04	0.45991406	0.78690294	0.77918287
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.70892528	1.13678266	0.53350101
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
1.00E-04	1.00E-04	1.00E-04	0.73505635	0.46253117	0.65574892
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2573373	0.9891462	1.00E-04	1.07469028	1.45934455	1.52737199
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69944191	1.3545386	1.00E-04	1.00E-04	1.15503477	1.57457841
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89087135	1.00E-04	1.00E-04	0.74310137	0.732192	1.00E-04
2.43356082	2.64457375	1.38754516	1.48051511	2.23833858	1.70178532
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.1694389
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23269493	1.00E-04
1.00E-04	0.67526174	5.18975663	4.96464982	5.97133987	6.12130314
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35871658	1.82373462	1.00E-04	1.00E-04	1.54938291	0.61458071
3.48381153	3.64000021	4.12916593	4.78998963	3.62258425	3.9456804
1.71414799	1.41503614	1.00E-04	1.39092372	1.95289007	0.67969818
2.38215507	2.06399598	2.55551872	1.92513327	2.09200679	1.4769591
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23867925	1.00E-04	1.00E-04	0.81161137	0.16276316	0.21329315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
0.29610852	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67961724	1.00E-04
3.85932067	3.85005792	2.56040705	3.22021196	3.2950678	3.22253691
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.14053979
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62690381	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89088693	1.86335429	1.00E-04	1.00E-04	1.56098394	2.03468389
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.13242016	1.08829522	0.50428197
2.73022658	2.38853378	1.40283744	0.92096886	1.2963039	1.32003922
1.90643802	2.78493684	1.00E-04	1.02724076	2.16318666	2.29365066
1.00E-04	1.89358891	1.85807109	1.29934063	1.47524569	1.77349036
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20733721	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87430829	1.00E-04	1.00E-04	0.37250181	1.61084829	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.5575361
0.63162278	0.76941755	1.00E-04	1.32609602	1.00E-04	0.16236604
2.56202937	2.84440855	3.85513578	2.16567085	2.8625332	3.16724723
0.09292159	0.47235434	2.52228149	1.55965451	1.71027308	1.1991854
1.77927358	1.82251138	2.16483827	0.79830865	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.16050827	3.00676801	1.9503961	1.38225872	1.7445214	0.35948108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16276316	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27999041	1.00E-04
1.00E-04	1.27341073	1.00E-04	2.71126995	2.2900632	2.91009514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89801468	1.01014713	1.11518827	1.00E-04	3.33865397	2.14902348
2.01421391	2.71011024	2.60467332	2.96807806	3.13498213	2.44600774
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17649229	1.00E-04
0.74143003	1.00E-04	1.00E-04	1.00E-04	0.21911936	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91556793	1.46142299	1.01811585	1.53343521	0.77511622	0.60437752
2.88739606	3.00876817	1.6068095	2.40285558	2.2375122	2.33561471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.52319676	1.00E-04	1.00E-04	1.00E-04
2.83282209	3.44930159	1.00E-04	1.39644638	1.4205315	1.14898876
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72191068	1.00E-04
1.09377698	1.00E-04	2.39042884	1.33422728	1.25282365	1.00E-04
1.32394615	0.36607432	1.83013888	1.86726988	2.09446652	2.43801838
1.00E-04	1.00E-04	1.00E-04	1.52908507	1.00E-04	1.00E-04
1.00E-04	1.14021118	1.00E-04	1.00E-04	1.07750287	0.54095615
1.41686118	1.85007413	1.00E-04	0.91574547	1.94933138	1.55110304
1.02645536	1.07191113	1.00E-04	1.00E-04	1.00E-04	0.9979431
2.93123914	3.30807883	2.85919575	1.91901946	3.36547971	3.21504554
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12284817	1.61771199	1.28609943	1.87561343	1.48429163	2.17479626
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49426013	2.39201236	1.11518827	0.75512623	0.44707674	1.20636098
1.00E-04	1.20210204	1.11518827	0.84168944	1.09379358	1.57449831
2.09697567	2.58185236	2.64184764	2.63738	2.73972171	3.35547033
1.00E-04	0.81368282	2.18505109	1.0381667	0.69910331	1.77010894
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08213076	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04
3.45603863	3.65495325	3.49140416	3.46343276	3.01663658	3.20000364
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.17206146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17859966	1.63559806	1.00E-04	2.47493346	2.22826414	2.99999735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41749904	1.00E-04
1.01938759	0.58995952	1.00E-04	1.18516555	0.31853502	1.00E-04
1.00984322	0.79736093	1.00E-04	1.00E-04	0.55708232	0.43730888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86532772	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88576743	1.55574524	2.67471235	2.47845926	2.61648738	2.69914571
0.09415495	1.00E-04	1.00E-04	1.00E-04	1.2029548	1.27166068
0.37284702	0.3708313	1.00E-04	1.00E-04	0.36639306	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89087135	0.67318844	1.00E-04	1.84274846	1.24063428	1.00E-04
0.85981543	1.00E-04	1.00E-04	1.00E-04	0.63771785	1.00E-04
4.40486071	3.95185067	1.27996271	2.30581099	2.99457205	2.84672254
0.51186136	0.63240236	1.00E-04	1.00E-04	0.45834436	1.00E-04
0.74310205	0.64816517	1.00E-04	1.3574771	0.88207733	1.80961877

1.00E-04	1.00E-04	1.00E-04	1.29440109	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09352451	1.70308311	1.01811585	1.00E-04	1.24116852	0.20628126
2.74439836	3.12896618	1.99302242	1.42889593	1.83567867	2.06351405
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.49210505	1.13806464	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35063257	1.00E-04
0.37284702	0.39496032	1.49210505	1.99570155	1.84495983	1.62021912
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12585749	1.75199229	1.06844428	0.88675024	2.83603788	2.71300337
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50848008	1.79411134	1.00E-04	1.00E-04	0.95456469	1.16341716
4.76343092	4.85642469	4.26320143	5.10413452	5.1810855	5.21741149
3.33829473	3.78567492	2.31138929	4.38703481	3.6778614	3.7349611
4.64887231	4.45501369	3.91533952	4.40378244	4.23281818	4.64013409
1.06564052	1.75226118	2.77933888	2.17382788	3.09378285	2.38137385
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.04778534	1.00E-04
1.14949443	0.566323	1.00E-04	1.80996892	0.6314521	1.57698391
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6287445	2.31347645	1.00E-04	1.00E-04	0.85075734	1.28599908
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21911936	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.84234514	0.6875407	0.40709304
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30661977
1.038029	1.40138816	1.94733951	0.78559119	1.63119662	0.98565474
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18462191	1.14070038	1.42763756	1.02315062	1.86975183	2.18023475
1.38469311	1.53072739	1.93438123	2.76101814	2.14544273	1.96596901
0.48564151	1.00E-04	1.00E-04	2.3272569	0.73991912	0.44347704
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45390172	0.91424853	1.00E-04	0.56657147	0.60009394	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62872675	2.089824	2.24726389	0.99757123	1.21916304	1.85094811
0.60708278	1.15787542	1.00E-04	1.02710352	1.00E-04	0.13067397
1.5389005	2.18030193	2.33417712	1.55916608	2.63674676	3.51270134
0.22057811	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2462289
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.24405756	0.41929553	1.00E-04	1.00E-04	1.00E-04	0.42693264
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.50327942	0.45228912	0.25861557
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4365896	0.4932192	1.00E-04	0.15557081	1.00E-04	0.77918287
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
0.60252178	1.2357658	1.00E-04	1.09788363	1.21438445	0.77998431
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.66574538	0.69648077	0.2878742
0.9030995	0.40836194	1.00E-04	1.00E-04	0.35063257	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84161507	0.46921448	1.00E-04	0.66574538	0.82200558	0.81801716
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62394601	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.17434112	1.05024515	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63738487	1.00E-04
3.95826553	3.93024949	3.76335276	3.93813936	3.51159482	3.68149918
1.00E-04	1.00E-04	1.00E-04	0.79650495	1.00E-04	0.12854881
0.89408742	0.84355469	1.38754516	1.00E-04	0.7109337	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.6796518	1.00E-04	0.60854564
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68789296	1.00E-04	1.00E-04	0.45991406	0.42133376	1.00E-04
0.3348555	0.71162396	1.00E-04	1.92007739	1.69766365	1.97866957
1.04329407	1.8250819	1.96479434	0.70475672	2.3472414	1.62380517
0.89577925	0.89433393	1.00E-04	1.00E-04	0.46893941	1.00E-04
1.41120753	1.72956807	1.40283744	2.38456684	1.715416	2.72925692
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17238561	1.36861141	1.00E-04	1.68145053	0.61987112	1.79805169
1.38069986	1.16059907	1.00E-04	1.7020692	1.60111307	1.13198303

3.527433	3.78771532	1.9733719	2.88489785	2.92692739	2.91865279
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.34385176	1.00E-04	1.00E-04	0.78953232	0.93127485
1.2414968	1.92072511	1.00E-04	1.00781832	1.41630615	1.98466201
1.00E-04	1.00E-04	1.00E-04	0.41871868	1.00E-04	1.00E-04
1.00E-04	0.44777316	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60765791	1.00E-04	1.00E-04	0.82986022	1.03365787	0.78007515
0.97357885	1.1381365	1.00E-04	1.00E-04	0.9551943	0.25940884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95757605	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24009666	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.68354979	1.00E-04	1.00E-04
1.51110601	1.95600998	1.00E-04	1.00E-04	1.00E-04	0.38874354
1.16761638	1.00698287	1.38754516	1.14994857	1.48448219	1.62335201
1.00E-04	0.55253127	1.67979948	1.53085951	2.41278874	2.27853857
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.09881557	3.15128987	3.86638674	2.81135958	3.07172275	3.29657201
1.00E-04	0.56312682	2.08421616	0.5252732	1.15375724	0.46873513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.55341442
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.92851345	3.17546339	1.00E-04	2.41460169	2.7573326	2.92387723
2.94021756	2.3527562	1.6068095	2.47623047	1.32458739	1.18387777
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.49626678	1.00E-04	1.00E-04	1.00E-04	0.12854881
0.76232783	1.43431669	1.00E-04	1.00E-04	0.85654709	0.87770734
1.18168801	1.29924616	1.38754516	1.00E-04	1.39054879	1.16001723
1.00E-04	0.9989809	1.00E-04	0.20501279	0.86678749	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87544092	1.00E-04	0.84795898	1.00E-04	0.46873513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21911936	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48063511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18229203	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.83197634	0.84189932	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.85434263	3.41263559	1.00E-04	1.91118402	2.06737925	1.62854817
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.22607211	1.00E-04	0.71307202	0.30390784	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9323496	0.39496032	1.00E-04	0.4783264	1.00E-04	0.57203089
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.71106371
1.01399011	0.50886334	1.00E-04	1.00E-04	0.74839668	1.10133452
0.62872675	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.1273609	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.41409474	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.78655517	1.27068757	1.27996271	1.05728672	1.35322061	1.6292215
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01792041	2.03888958	3.00646078	1.53863648	2.4270887	2.3634098
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07942682	1.38492668	1.01811585	0.56029689	1.1186869	1.46619983
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.07422845	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33634113	1.00E-04	1.00E-04	1.55436527	0.69659136	1.12383011
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44837254	1.00E-04	1.00E-04	1.00E-04	0.91504574	1.00E-04
0.37484237	1.26945696	1.00E-04	1.00E-04	0.76739844	1.16396961
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
0.74303641	1.00E-04	1.00E-04	0.95537362	1.22860178	1.48736092
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64435322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69016855	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.50729623	2.7307526	1.00E-04	1.00E-04	3.01404352	0.35948108
2.15296843	1.91885073	3.09190482	1.24188154	2.01190368	2.10229781
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.9130335	2.27586008	1.00E-04	0.5252732	2.11142463	2.29595701
0.49592013	1.00E-04	1.00E-04	0.61663734	0.62739879	1.26576017
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68583034	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30100755	0.99059563	1.52319676	1.8642448	1.63002853	1.35458658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
0.29610852	1.00E-04	1.00E-04	0.73505635	0.89345295	1.43846026

1.00E-04	1.00E-04	1.00E-04	0.56487062	0.74441261	0.75315821
1.00E-04	1.74207096	1.00E-04	0.55976379	0.62129509	1.51046959
0.44413777	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86651014
0.88132114	1.00E-04	1.00E-04	1.40479853	1.12661283	1.19519943
1.00E-04	0.68167976	1.00E-04	0.96008477	1.00E-04	1.00E-04
3.66403502	3.32870976	4.28243853	2.9780359	2.28930684	1.41350919
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.54676642	1.00E-04	1.00E-04
5.36546836	5.38302801	1.00E-04	1.98294182	2.11229568	2.64695649
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.48210536	3.87278873	2.30821397	2.45098672	3.57003039	3.20850159
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87026622	1.5729141	1.00E-04	0.84528238	1.42426751	1.75940813
2.00494502	2.48715281	1.00E-04	0.41438246	1.58270624	1.23608276
1.00E-04	0.5280252	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.40645182	3.41981641	2.78411881	2.80498255	2.82697735	3.30634731
1.50192468	0.39496032	1.00E-04	1.05804727	0.95283984	1.17324401
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	2.47324681	0.35400979	1.49297803
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67182388	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58871261	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.43238256	1.42542997	1.9503961	2.0295201	2.18311174	0.85381963
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15940997	1.00E-04	1.00E-04	1.92193886	1.25653773	1.32334619
1.00E-04	0.566323	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
1.79395118	0.84367832	1.00E-04	1.34596907	1.0622374	0.83775354
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.23840965	0.68167976	1.00E-04	0.37082421	0.34747949	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91458173	2.75642242	1.97900798	2.85327227	3.05325863	2.65261113
0.57700167	0.52360732	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33099482	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47235434	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25515732	1.00E-04	1.00E-04	1.00E-04	0.50118162	0.37073618
2.25115677	1.73853656	1.52319676	1.01779145	1.81171178	2.1799335
0.75248497	1.82472215	1.00E-04	0.77932464	0.74826257	1.00E-04
2.1975905	2.95977295	1.11518827	1.76617909	2.48934749	2.02036646
1.38192659	1.44590598	1.00E-04	2.35208895	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.07050597	1.00E-04
1.05444045	0.30433976	1.52319676	0.8650625	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.89451126	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.3824664	2.25857235	2.92138898	2.6277405
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41545763	0.991911	1.00E-04	1.00E-04	0.57885604	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01615092	0.68179762	1.27996271	1.98288023	1.80244641	1.69792614
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.21989058	1.96739763	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.38754516	0.91640475	0.83160248	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5990001	0.66795879
0.36630267	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68083469
1.34640935	1.80146373	1.11518827	0.68902433	1.79166688	1.62517712
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	0.78442906	1.00E-04	1.00E-04	0.39320382	0.3703169
1.00E-04	1.00E-04	1.00E-04	0.15557081	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80775698	2.35299144	2.28302125	2.72430552	1.4368327	2.09084562
0.86362767	1.30984341	1.00E-04	0.15557081	0.32080453	0.46996251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40555046

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.09942361
1.2333176	1.83379479	1.00E-04	1.03807675	1.20122383	2.32565948
1.9244617	1.50547969	1.6068095	1.06402537	2.58598265	1.59758498
1.00E-04	1.00E-04	2.71781429	1.30882683	2.7089393	1.80101899
0.09415495	1.00E-04	1.00E-04	0.75584956	0.26615803	1.92279335
1.00E-04	1.00E-04	1.00E-04	1.63232899	2.19066337	1.54161044
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68630804	1.00E-04	1.00E-04	1.00E-04	0.2878742
0.46739644	1.00E-04	3.14276135	2.65682285	2.19292457	2.52669426
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3972097	2.43951206	1.32980934	1.37218629	1.5900575
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.76617385	2.05335973	1.00E-04	1.98297247	2.15922536	1.42446722
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4595327	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.35610955
2.08097991	1.83099702	4.08677682	4.1312119	4.84387386	4.30394476
1.00E-04	0.45495213	1.00E-04	0.797267	1.00E-04	1.00E-04
0.51146753	1.00E-04	1.00E-04	0.91776157	1.35423387	0.2878742
0.45390172	1.86192699	1.00E-04	1.00E-04	0.55221694	1.00E-04
0.70791713	1.00E-04	1.00E-04	1.00E-04	1.28662621	1.00E-04
2.82177508	3.08303672	1.6068095	3.30088789	2.92432669	3.02986984
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18945863	0.14485168
0.54793666	0.82184264	1.00E-04	0.37250181	0.9393681	1.05940382
1.00E-04	1.00E-04	1.00E-04	0.50430847	0.17279347	0.89392086
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15671146
0.5256597	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43251302
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.09318599	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.85636459	2.57971112	3.32845947	2.81269273	3.27946485	3.25269853
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.06112417
1.00E-04	1.00E-04	1.00E-04	1.17386419	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.08889817	0.91239199	0.66170831
1.00E-04	1.00E-04	1.30789632	1.89679465	1.44068607	1.4710966

5.69284096	5.08717917	1.00E-04	1.35828548	2.76348698	2.29345873
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50540032	1.00E-04	1.00E-04	0.76113877	1.00E-04	1.00E-04
2.58641676	2.86997532	2.46248009	3.05908901	2.81324425	2.80471846
1.23149739	0.87276769	1.28316224	3.48021385	3.40104549	1.87804116
0.44102711	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30661977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.28169605	2.26412304	1.00E-04	1.79508974	1.82263095	2.34109809
1.49186348	2.32282643	1.00E-04	0.99587271	1.39533328	1.40333548
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.5710908	1.48350758	1.00E-04	1.36516839	1.16815275	1.88369839
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.13848014	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.44944555	1.00E-04	0.96011163
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97924452	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57885604	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82043657	1.80702778	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90858936	1.25033757	1.00E-04	1.00E-04	0.86369707	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44175658
0.69051491	1.56355229	1.9503961	1.77595975	0.9092976	0.55036061
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.01851259	1.83013888	1.00E-04	1.00E-04	1.00E-04
1.2315192	0.85532896	2.41149387	0.98847604	1.55869823	2.27309082
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4338843	1.00E-04
1.00E-04	0.95635623	1.00E-04	1.00E-04	0.48497572	0.62204603
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04
1.19618163	0.87177907	1.00E-04	1.39753882	1.77896382	1.24507255

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69392408	1.00E-04	1.00E-04	1.00E-04	1.20527357
0.83244705	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7090563	1.00E-04	1.63645026	1.30938728	0.40278452
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.5393223	0.80295674	0.96976923
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22945235	1.86086832	2.37523392	2.58232461	2.26083755	2.65713447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13427639	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.26777039	1.90647394	2.70631262
0.81863726	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55632674	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40944747	1.02254278	2.3636629	2.25523676	0.17649229	1.48551478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75721754	2.07205888	2.18505109	2.48078215	2.6737154	2.77367757
1.00E-04	1.00E-04	1.00E-04	0.60372301	1.00E-04	1.00E-04
0.30980585	1.4904844	1.00E-04	1.00E-04	1.40369763	1.26526778
2.31042747	2.33805667	2.30885109	1.55410812	2.46578553	1.79138097
2.04151364	1.73554035	1.00E-04	1.00E-04	1.78319974	1.60854319
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.17355975	0.48793187	1.3983076	1.00E-04
0.63255951	0.89451126	1.00E-04	1.57482355	0.18229203	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11305586	0.3972097	1.00E-04	3.15977002	0.4362065	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66598136	1.00E-04	1.83054554	0.59363436	0.92642633	1.70858122
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.98531923	2.48213841	1.00E-04	2.06122774	3.52694208	3.09151342
0.82439209	0.62581593	1.00E-04	1.59792992	0.59400466	1.95475833
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4365896	0.49626678	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.97267044	4.93763014	4.61545567	4.52694776	5.19713295
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.2425797	1.26611928	2.9521185	1.6698375	1.11180014	1.904958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.80990987	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.80371744	3.48644358	3.64087512	2.02387695	2.71802913	3.42843193
2.06904215	2.02925585	1.00E-04	1.61990654	1.77942565	1.91567192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50857658	1.07916067	1.52319676	2.46506154	1.25863758	0.96926096
1.00E-04	1.00E-04	1.00E-04	0.66641237	0.67961724	1.02137819
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51208706	0.98970671	1.00E-04	0.46633175	1.10005681	0.76890723
1.00E-04	1.00E-04	1.00E-04	0.90265252	0.70679054	0.57696471
1.00E-04	1.00E-04	1.00E-04	0.7683823	0.68537383	1.00E-04
1.31457831	0.8666846	1.00E-04	1.00E-04	0.28516457	1.27760383
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.3289347	1.00E-04	0.80306694	0.81248464	0.63955467
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25750812	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70864839	1.61111842	1.00E-04	0.37325883	1.07436604	0.59776638
1.05636034	1.48679898	1.00E-04	0.8656982	1.85720573	1.95188115
1.00E-04	0.86356763	1.00E-04	0.53238302	0.78717066	0.77376714
0.16178697	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00269796	1.00E-04	0.74352133	0.89532106	0.73070631
1.87280319	0.72342246	1.00E-04	1.0294787	1.19496639	1.24616694
1.00E-04	1.00E-04	1.30986649	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48913524	1.30986649	1.36525572	0.83679769	0.86499264
1.00E-04	1.00E-04	1.00E-04	0.25428292	0.13235227	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.56657147	0.59069931	0.25940884
2.26151012	1.85025827	1.11518827	1.63821264	2.18741373	1.56108831
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14922124	0.6377961	1.00E-04	0.64978022	1.00E-04	1.14053979
1.65607519	2.16091156	2.1355265	2.73294498	2.77797933	2.31722785
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46011371	1.55205549	1.00E-04	1.00E-04	1.40369603	0.62204603

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62581593	1.00E-04	1.00E-04	0.1826159	1.09837037
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.02886389	0.73757306	0.62204603
0.66023508	1.00E-04	1.00E-04	0.96735064	1.00E-04	1.00E-04
2.36764013	2.27752502	1.40283744	1.25042476	2.09217635	1.22204688
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.03357604	1.10593862	1.00E-04	1.34497161	1.34581257	1.26437722
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65057771	0.49626678	1.00E-04	0.87434375	1.16217084	0.72039858
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29028813	1.00E-04
1.05035542	1.00E-04	1.00E-04	1.00E-04	1.66191798	1.60415739
0.98213111	0.55552765	1.00E-04	1.00E-04	0.27564669	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.0701085	2.19895593	2.34515906	2.59411407	3.22800532	3.32753847
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83244705	0.64993987	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98467155	1.07520143	1.00E-04	0.39596165	0.41231272	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.78264478	1.00E-04	1.00E-04
4.20569093	4.52130762	4.61842017	4.77073138	4.53187848	4.51244622
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43110068	1.00E-04
0.32608229	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.56029689	0.98359019	0.88495676
3.09438302	2.71725399	1.27996271	2.77828032	1.87846788	2.01536598
0.90769533	1.20082722	1.11518827	1.13209662	1.80967688	0.50783195
0.62080191	0.78770757	1.00E-04	1.00E-04	0.53844945	0.62848175
0.93085803	1.00E-04	1.00E-04	0.66130263	0.92730554	0.46112954
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.58417725	1.00E-04	1.00E-04
0.8419407	0.43785363	1.00E-04	0.49595628	0.67714361	1.30195406
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.18206446	0.46112954
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69061316	0.41929553	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05139712	2.29897306	1.40283744	1.00E-04	1.63326812	1.04768004
1.00E-04	0.78691146	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.08252907
2.29584684	1.96876647	2.97969293	1.95641928	1.92132096	1.70969453
2.0376911	2.44147184	1.00E-04	0.79457207	0.50118162	1.01537313
1.73001339	2.15150214	1.49210505	1.19844668	0.68483608	1.93585776
1.23424228	1.38727983	1.00E-04	1.00E-04	0.72917254	1.00E-04
2.25051075	2.32419798	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67158499	1.00E-04	1.00E-04	1.00E-04	0.15499183
1.00E-04	1.00E-04	1.28316224	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23239377	1.00E-04
3.60687393	3.91180718	3.84740447	4.24654284	3.65848135	3.92839526
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.991869	1.72507134	1.11518827	1.00E-04	0.56911801	0.81310485
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47010934	0.88624907	1.00E-04	1.00E-04	0.26331377	1.60340644
3.3146905	2.900545	4.50354618	2.92498778	4.23172161	4.28168441
0.9457259	1.00E-04	1.00E-04	1.00E-04	0.3548392	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8682204	1.29611829	1.00E-04	1.00E-04	1.00E-04	0.3077336
0.66021506	0.91226176	1.00E-04	1.00E-04	1.09211579	1.68504139
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12879867	2.58205521	2.23737614	1.41125053	1.58297962	2.34224335
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23239377	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.75353308	0.50118162	0.72549465
0.83190622	0.24251465	1.00E-04	1.00222913	0.79491572	1.952102
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.86441707	1.37753321
0.6319347	1.00E-04	1.00E-04	0.61790071	0.73758075	1.69427687
0.88813825	0.90916978	1.6068095	2.37138365	2.06485819	2.18095574
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.0013605	1.45740805	1.00E-04	1.00E-04	0.7898549	1.36432682
5.98949406	5.82159752	7.1248229	7.34541361	7.25964066	7.36604378

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.00772949	1.00E-04	1.9503961	0.14912336	0.72552572	1.91679342
1.00E-04	1.00E-04	1.00E-04	0.81421222	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52240435	0.58339192	1.00E-04	0.52738567	0.77775579	1.42220026
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43809141	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.01249777
0.5929689	1.00E-04	1.00E-04	1.00E-04	0.33642162	0.67699765
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50980748	0.54589531
0.15907666	0.86067462	1.38754516	1.19877015	2.00772609	1.73499125
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.4875439	3.06402299	2.54215892	3.79742551	3.87165055	3.98888634
1.00E-04	1.00E-04	1.00E-04	0.84653972	1.00E-04	1.00E-04
1.26976609	0.97841112	1.00E-04	0.15557081	1.49769694	1.07521314
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	0.84838592	1.00E-04	1.00E-04	1.00E-04	0.62242987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52268451	1.07702376	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59719642	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.51748525	1.09513376	1.6068095	1.00E-04	1.2871314	0.83508919
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15817526	2.81556895	1.00E-04	2.10430229	2.06556931	2.41206966
0.5256597	1.00E-04	1.00E-04	1.00E-04	0.50118162	1.00E-04
1.00424316	0.71162396	1.00E-04	1.00E-04	0.82200558	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.00E-04	1.00E-04	1.00E-04	0.84131844	2.00195999

1.91271697	1.97003025	4.9111545	4.19375469	5.20842907	5.07045532
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19191379	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23239377	1.00E-04
1.1895566	0.58441889	1.42763756	2.34799418	0.83994426	2.1487535
0.55896898	1.20418239	1.83013888	1.84989459	1.2748498	0.56242509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97749693	2.00438888	1.00E-04	0.61072705	0.7824449	0.41506346
1.00E-04	1.00E-04	1.00E-04	0.67521107	0.3340074	1.00E-04
0.9323496	0.81790477	1.00E-04	0.50430847	1.00E-04	1.00E-04
0.63771028	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4410834	2.31140444	3.43344794	2.50351022	2.83834846	3.14638356
2.69895904	3.14464214	4.11104256	3.45962068	3.67433592	3.74005323
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.1784231	0.31853502	1.00E-04
1.31790509	2.0738702	1.00E-04	1.7908576	1.71776924	0.94577067
1.00E-04	0.24251465	1.00E-04	1.00E-04	0.90138615	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.01008524	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.155106	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22725774	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55840391	0.72812177	1.00E-04	2.33971387	0.63738487	1.00E-04
1.00E-04	1.00E-04	1.30986649	2.65333005	2.66511558	2.69008837
3.90200488	3.99145174	3.66395107	5.75454058	4.0016949	4.08887727
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.83057414	3.58084574	2.01571609	2.27021844
1.00E-04	0.50028658	1.00E-04	1.00E-04	1.49894786	1.00E-04
1.16129746	1.23227738	1.00E-04	2.62785668	3.02619875	2.85349196
2.15209144	1.98455446	1.28316224	1.00E-04	2.03278786	2.17614294
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.73654463
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.65123183	4.03406696	2.47464332	3.03891414	3.92693055	3.76757079
0.60327704	1.00E-04	1.00E-04	0.97298501	0.82730805	0.93414677
1.10560684	1.00E-04	1.00E-04	1.32309429	0.88345659	0.43865582
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.73897369	1.25593667	1.00E-04	1.00E-04	0.89554984	1.92758943
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56607731	2.01461121	2.1943037	0.79258975	1.19210438	1.97610746
0.32831434	1.51365343	1.00E-04	1.00E-04	2.37710183	0.90150247
3.65371481	2.98020056	3.36960072	2.94835778	2.74070037	2.94855034
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24760841	0.3321585
1.00E-04	1.00E-04	1.06844428	1.00E-04	1.00E-04	1.29234927
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22713799	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45390172	1.00E-04	1.00E-04	1.16195547	0.17649229	0.43406009
1.00E-04	1.26232173	1.30789632	2.33067977	0.99964915	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.54938023	0.50118162	1.00E-04
2.5583214	2.03611247	2.75693439	3.69677867	2.93280951	2.63475092
1.00E-04	1.00E-04	1.00E-04	1.63735754	0.52812965	1.1092633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.038029	0.63220067	1.01811585	1.43480568	1.04518443	0.13038568
1.37631447	1.00E-04	1.11518827	1.00E-04	0.514118	1.00E-04
0.32608229	0.5011611	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73824684	0.85417178	1.00E-04	1.11758476	1.2653426	0.40932008
2.42495711	2.7296803	2.46682134	3.08076499	2.84521738	2.69204982
1.39009691	1.00E-04	1.00E-04	2.5286862	2.3132629	2.63011711
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71706674	1.00E-04	1.00E-04	0.37697046	0.96187526	0.2878742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14317243
0.64937513	1.00E-04	1.00E-04	1.57544251	0.08158092	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77196712	1.62216018	1.00E-04	1.00E-04	1.00E-04	1.35307251
1.58801768	0.24251465	1.00E-04	1.07332419	0.17819052	0.49417492
1.00E-04	0.86765272	1.00E-04	0.92639647	0.54857924	0.86441208
1.48502854	1.95940817	1.00E-04	1.67047711	1.38343973	0.91964475
0.82240454	0.87596216	1.28609943	1.11546595	1.00E-04	0.13067397
1.00E-04	0.41409474	1.00E-04	0.67384177	0.10440683	0.64146463
1.00E-04	1.00E-04	1.00E-04	0.86473302	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88011859	1.3392302	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.58812963	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82971758	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.32764749
0.7318331	1.93888458	1.49210505	0.37771766	0.58779591	0.34272783
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10508055	0.97834139	2.18295249	0.76506038	0.57822901	2.07379325
1.58330174	1.09329167	1.00E-04	1.00E-04	1.40167608	1.01281486
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88510614	1.93598122	1.06844428	2.94647126	2.9148461	3.44420397
0.43243323	1.00E-04	1.00E-04	1.18749667	0.71798455	1.53619556
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89711149	1.00E-04	1.00E-04	1.09212692	0.57479248	1.00E-04
1.15808817	0.66491371	1.00E-04	1.00E-04	1.04368776	0.74336161
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.63234736	1.00E-04	1.00E-04	1.25631	1.00E-04	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.86519499	1.43847623	1.00E-04	1.00E-04	2.24919639	0.99137056
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.97790717	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.57294058	2.13998414	1.00E-04	0.56657147	1.22737074	1.00E-04
1.00E-04	1.00E-04	1.01811585	1.00E-04	0.32174827	1.00E-04
1.2188826	1.18939522	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73502072	3.27317844	1.00E-04	1.62178032	0.23269493	1.35229812
1.5750601	0.43785363	2.17651005	2.72571494	3.10216589	2.69240021
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.63220067	1.00E-04	0.15557081	0.23269493	0.64371334
1.52753053	1.43086697	1.00E-04	1.00E-04	0.52673001	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95757605	0.60360132
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82132942	0.50028658	1.42763756	0.86473302	1.76973618	1.44537821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3274736	2.74049499	2.17925334	2.25729064	2.43485208	3.21459452

1.00E-04	1.00E-04	1.00E-04	0.4783264	1.00E-04	1.00E-04
3.86670575	3.56376872	3.42179104	3.58737943	4.0421609	4.34901295
1.00E-04	1.25300034	1.00E-04	0.90627653	2.32550159	1.08547904
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49981427	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69120497	1.00E-04	0.45683807	0.88960877	0.5513584
2.23015562	1.70182673	2.17731027	3.03633601	2.84978072	3.02415514
1.5267416	1.0210152	3.19783306	2.55792779	2.80621433	3.02670418
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80946357	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15557081	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42455119	1.3771249
0.42124784	1.00E-04	2.39828465	1.76036019	2.1018023	0.43730888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.57101222	1.11998222	0.40702673
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.05588187	1.00E-04	1.34430767	2.22271528	1.14077374
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.24150529	2.20615528	1.00E-04	1.09611148	2.08931837	2.73615032
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.65496854	1.00E-04	0.41871868	1.78516717	0.28029224
1.00E-04	0.39496032	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6851959	1.44075249	1.30986649	0.89834432	2.07090744	1.4513703
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53614716	1.63021103	1.00E-04	1.00E-04	0.63490689	0.93645834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39070552	0.96289389	1.00E-04	1.11566388	1.00E-04	0.13067397
1.96989447	0.63220067	1.9503961	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.47330183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97982795	1.17713535	1.00E-04	0.76105624	1.58247703	0.64791867
1.64084083	1.22709371	1.52319676	0.8650625	1.37349252	0.16236604
1.39414574	1.9797063	1.00E-04	1.01276195	0.60279576	0.12854881
0.09292159	0.9989809	1.00E-04	1.00E-04	0.17279347	1.00E-04

1.35563968	1.57232741	1.00E-04	0.6796518	0.12413672	1.546286
0.60252178	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68614351	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76240468	0.30433976	1.42763756	0.41438246	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.19948536	1.00E-04	2.81239203	1.23965148	1.52477328	1.47132932
1.00E-04	0.45691315	1.00E-04	0.37082421	1.92755022	0.77675524
0.22057811	1.00E-04	1.00E-04	0.25428292	0.55729258	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.1256519	0.97176731	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82764245
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64556232
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95631756	1.24485728	1.00E-04	2.6346324	2.41355283	1.7939796
1.62880561	1.84923393	1.28609943	1.69459454	1.79255188	1.7418851
1.53054577	1.7817031	2.54080566	2.40737437	2.37533623	1.29674568
1.00E-04	1.00E-04	1.00E-04	0.25428292	1.00E-04	0.32900361
2.74736083	2.83905319	1.00E-04	1.4061231	2.16232826	1.5171802
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.63796138	1.93726645	1.00E-04	1.76410558	1.30055722	0.83216656
2.84676053	3.13382083	3.37015513	3.67516118	3.53918127	3.68928858
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83209624	1.00E-04
1.83953378	0.87030656	1.67979948	2.76924427	2.3166282	2.13961531
0.80000283	0.78390163	1.00E-04	1.00E-04	1.23611578	1.00E-04
1.77792152	0.9260155	1.99302242	0.14912336	1.26547818	1.41831188
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.45491521	2.91696659	2.43506856	2.74320417	2.83373884	2.86055739
0.09292159	1.00E-04	1.00E-04	1.50378645	1.8298289	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.72937106	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59719642	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.665055	1.00E-04	1.00E-04	0.58410459	1.05152959	1.80018166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3340074	1.00E-04
1.65748353	1.85250083	2.20756886	1.55341465	1.37634453	2.64530856
2.39054013	2.18276063	2.18505109	2.16077597	2.09955505	2.85049222
2.2415135	1.82172218	1.00E-04	1.53038773	1.95763093	1.78352257
1.71171336	1.00E-04	1.00E-04	0.91640475	1.00E-04	0.32900361
2.62299724	2.67755471	2.04027175	2.18513346	2.43566179	2.45479534
1.70033634	1.89734765	2.20774195	1.49628425	2.37638565	2.27321921
1.34786559	2.31958165	1.00E-04	1.21390676	1.16596684	1.30979731
1.00E-04	1.00E-04	1.00E-04	0.37771766	1.00E-04	0.70840066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.24458524	1.29197399	1.00E-04	0.4266763	1.37812857	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83189259	1.00E-04
1.00E-04	0.71655627	1.00E-04	1.00E-04	0.72164142	0.30047008
1.00E-04	0.30163127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61362478	1.10342987	1.00E-04	1.00E-04	0.4595327	1.00E-04
0.47462842	0.74331533	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.050439	1.21511834	1.00E-04	1.00E-04	0.71932906	1.2744408
0.93851318	1.00E-04	1.00E-04	0.69282833	1.08087842	0.37511215
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.5902608	2.2353305	1.94839403	2.41826032	2.30973201	2.87427663
1.84009793	2.77136932	1.00E-04	1.88073681	2.37975936	2.39303654
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	1.00E-04
1.00E-04	0.40836194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.70120444	1.0257635	1.00E-04
0.36630267	1.39886785	1.11518827	1.20573838	1.5762133	1.52450041
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50444733	1.00E-04
1.00E-04	0.41929553	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.49969667	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.78978538	1.00E-04	0.46633175	0.32174827	0.67085426
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.34911458	1.00E-04	1.00E-04	1.00E-04	0.13038568
0.9230346	1.00E-04	1.46133917	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.5153255	1.00E-04	1.00E-04	0.5923734	1.00E-04
1.52535998	0.74771768	1.00E-04	0.72002077	0.62388008	1.3357514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5929689	1.00E-04	1.00E-04	0.7349394	0.5046079	0.20628126
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.16162422	0.30163127	1.00E-04	0.68902433	0.41749904	1.83336558
1.00E-04	0.81771455	1.00E-04	0.15557081	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.665055	1.00E-04	2.87506172	1.00E-04	1.64505072	0.98497313
1.82706371	2.68577068	1.54304638	1.65461771	1.46346141	0.55369041
2.62421606	2.26947475	1.00E-04	2.2094305	1.74360283	0.70128115
1.41797819	1.35008763	2.04025287	1.39092288	1.84288465	1.25044008
1.00E-04	1.00E-04	1.00E-04	1.44147313	1.00E-04	1.00E-04
1.01223403	0.76239438	1.00E-04	1.00E-04	0.49734847	0.89074399
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41954009	0.13038568
1.00E-04	1.00E-04	1.00E-04	0.41871868	1.00E-04	1.00E-04
3.36752595	2.46135176	2.23737614	1.227397	2.37925708	2.3177691
1.00E-04	1.43877098	1.00E-04	1.00E-04	0.50118162	0.48971388
1.35616445	0.49885661	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65708249	0.46921448	1.00E-04	1.00E-04	1.00E-04	0.42693264
3.0802567	2.79324442	2.42319295	2.15886235	3.25029184	3.28166859
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.31941392
1.00E-04	1.00E-04	1.00E-04	0.64978022	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94951256	0.50028658	1.00E-04	1.00E-04	0.80563804	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31853502	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17649229	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4932192	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.85611874	1.91046208	2.343085
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.83699133	0.30047008
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.0764309
3.25946512	3.02143447	2.02152458	2.3770244	3.27800872	3.25330232
1.72936703	0.96597421	1.00E-04	1.95600245	1.13466597	2.08853363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38773387	1.58295762	1.00E-04	1.67796711	1.39980143	1.30351256
2.3659387	2.81251287	3.5684577	2.75546653	2.34786979	1.97112585
2.7394035	2.9191063	1.00E-04	2.22572206	1.96210916	2.55536885

1.00E-04	1.00E-04	1.00E-04	1.08931681	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00148903	0.41929553	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18246388	1.00180613	1.00E-04	0.71219483	0.50776922	0.13038568
3.49679461	2.81107985	3.18933595	2.41179158	2.30561149	2.57675834
1.00E-04	1.00E-04	1.00E-04	0.62209038	0.81862451	1.00E-04
3.23271092	3.31742045	3.2332583	3.3864832	3.99176672	4.0710312
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.11800143	1.00E-04	1.00E-04
1.58533624	2.08602318	1.00E-04	1.71295108	2.31819361	1.21968938
1.82728156	1.89022785	2.46099858	1.7296362	2.99421081	2.22746443
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54937466	1.00E-04
3.92825289	3.3918967	3.86572824	3.80483626	4.12804071	3.22297129
0.51044831	1.63599411	1.00E-04	1.60918493	1.64585271	2.45856171
0.67471877	1.00E-04	1.75472403	1.25529465	0.44512214	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23269493	0.74336161
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67182388	0.94049581
1.6563131	1.3315806	1.00E-04	0.55063852	1.45787288	0.94135605
1.00E-04	0.63503652	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41177532	1.00E-04	1.00E-04	1.00E-04	0.54857924	1.09942361
1.00E-04	1.66762167	1.00E-04	1.1933915	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	1.00E-04
1.21140375	0.96289389	1.00E-04	1.00E-04	0.23269493	1.27577532
1.43242371	0.39496032	1.00E-04	1.60778962	1.54303373	0.54492932
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43015748	0.66862807	1.00E-04	1.5807983	1.93953883	1.30788026
2.69907491	3.10948444	1.42763756	0.84653003	2.06809751	2.76025232
0.72917597	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14655243	1.00E-04	1.30789632	0.59680653	0.66694363	1.00E-04
0.29810286	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.06869141
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.78570625	1.75815264	1.00E-04	1.00E-04	1.00E-04	1.24763659
1.68037648	1.370061	1.06844428	1.00E-04	1.00E-04	0.60586569
0.3786425	1.00E-04	1.00E-04	1.00E-04	0.16448447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.5221141	2.75382071	2.24991227	3.33485899	3.5488994	3.77606461
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.78196887	0.86453657	3.06665923	3.34080879	3.60279944	4.07788582
1.15336027	1.93865105	2.00743688	1.42571159	1.16219095	1.7932713
1.00E-04	0.3972097	1.00E-04	0.20501279	0.98520413	1.00E-04
1.00E-04	1.2916573	1.00E-04	1.00E-04	1.00E-04	0.86052415
1.11609167	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58345775	1.16495903	1.00E-04	1.00E-04	0.48874738	1.00E-04
0.66644555	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.90571514	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90649885	1.00E-04	1.00E-04	1.00E-04	0.66164588	0.94764196
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0590811	1.29660768	1.00E-04	0.32864749	1.00E-04	1.9024442
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72825032
0.72505376	1.23439032	1.00E-04	1.38175494	1.19326284	0.64949121
0.81112332	0.3708313	1.00E-04	1.89844503	0.96995866	0.30047008
1.00E-04	1.00E-04	1.30986649	1.00E-04	1.00E-04	0.30974433
0.64219475	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77081969
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5021994	1.38956084
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.94167621	1.39181087	1.00E-04
1.11902138	1.00E-04	1.27996271	0.68902433	1.47872189	0.57544353
1.00E-04	1.00E-04	1.28609943	1.9383008	0.97295182	1.00E-04
1.00E-04	1.40659884	1.00E-04	0.82673555	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.41401554	1.00E-04	1.00E-04
3.67415756	3.65880222	2.96934449	3.64494362	3.68418492	4.04864738
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56131478
1.10508055	2.39813198	1.00E-04	1.45491008	1.03050682	1.6107668
1.1274334	1.00E-04	1.30789632	0.14912336	0.83495179	1.00E-04
1.93796294	1.07593707	1.11518827	1.49415991	1.25313905	2.13669624
1.00E-04	1.00E-04	2.35742396	0.53238302	1.00E-04	0.54828133
0.88011859	1.3162608	1.00E-04	1.00E-04	0.52812965	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.9405472	0.80917354	0.48971388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.32924304	1.00E-04	0.46633175	0.61870277	0.55431518
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.97176871	1.90158428	2.0355345	2.28150571
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78860226	0.43600786	1.00E-04	0.764425	0.50204647	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.05722594	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2424282	1.00E-04	2.68364438	1.79812501	1.65554909	1.88141728
3.67510156	3.83004082	4.34255871	3.67251368	4.09957344	4.17705897
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.00874455	2.69441463	1.00E-04	4.53908332	2.37153891	2.68739437
1.00E-04	1.00E-04	1.00E-04	0.66559325	1.11937536	0.75364284
0.2866935	1.37271358	1.28609943	0.24834324	1.83788245	1.61643544
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82847756
1.65672073	1.35931075	1.00E-04	1.40895274	0.64731867	0.35419377
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56657978	2.11699911	3.29074395	2.68437928	3.84590361	3.51033277
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27874649	0.57176089	1.00E-04	1.22760512	0.91935407	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.51813993	0.18229203	1.00E-04
1.00E-04	1.00E-04	1.30789632	1.59941354	1.35780716	1.64411275
0.79431792	1.20983222	1.00E-04	0.52738567	0.70813827	0.86257593
1.72602224	1.90240342	1.00E-04	1.07072607	1.36935052	1.00E-04
0.75617694	1.00E-04	1.00E-04	1.40965517	0.17279347	0.98504875
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76232783	1.00E-04	1.00E-04	0.60745352	0.77213467	1.00E-04
1.00E-04	0.66201723	1.00E-04	0.67915539	0.13427639	0.13038568
1.00E-04	0.88624907	1.00E-04	0.93995654	1.00E-04	1.00E-04
1.80976585	2.40587896	2.04595548	0.80306694	1.8853936	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24251465	1.00E-04	0.49600825	0.17637488	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.43961201	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24243926
1.00E-04	1.00E-04	1.00E-04	1.8941821	1.27509406	2.27229135
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49725216	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.85798302	1.00E-04	0.70120444	0.62575835	0.42693264
1.00E-04	1.18988702	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321

2.18814689	1.01605278	2.43969177	1.36327497	1.1443653	1.51452718
2.7589462	2.33871756	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18020261	0.65456396	1.00E-04	1.00E-04	1.00E-04	0.15499183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53734633	1.00E-04	2.30606734	2.08465659	1.8443484
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11193429	1.48915454	1.00E-04	1.00E-04	0.88886241	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.89582465	0.58408879	0.82847756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.3672695	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.28316224	1.00E-04	1.16210655	1.2756504
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55632674	1.00E-04
1.00E-04	0.58519424	1.00E-04	1.00E-04	1.00E-04	1.2240438
1.41423797	1.16015571	1.38754516	1.00E-04	1.40684725	1.13863114
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44112676	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9638158	1.27838207	1.27996271	0.37771766	1.00E-04	1.00E-04
0.71706674	1.00E-04	3.11704267	2.10301786	2.24999805	3.31790977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.00E-04	1.9520273	0.15557081	0.59228764	0.2726707
0.09292159	1.00E-04	1.28609943	0.95371597	1.92521163	0.59768124
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.54842099	1.00E-04	1.00E-04
0.47010325	0.31765625	1.00E-04	0.44286825	1.00E-04	0.67130838
1.55515663	0.87276769	1.00E-04	1.43857117	1.55299534	2.25625543
1.00E-04	1.00E-04	1.00E-04	0.71417168	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3340074	1.00E-04
0.37284702	1.34415668	1.00E-04	1.9281687	1.39428055	1.75179745
1.89673049	0.62690381	1.00E-04	1.00E-04	0.88243969	0.82757082
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.62690381	1.00E-04	1.00E-04	0.78739023	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17279347	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25030985	0.6098626
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16565788
0.88116869	1.00E-04	1.00E-04	1.16306588	1.69244406	0.92506833
1.00E-04	1.00E-04	1.00E-04	1.47810704	0.22206006	1.03631612
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50054331	2.00527476	2.87100329	1.80127772	1.49182083	1.79911063
1.00E-04	1.00E-04	3.31662421	3.59996611	3.24191643	3.50400536
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.4351129	2.4734152	2.9000459	2.21381991	2.56692013	2.63881591
1.00E-04	0.30163127	1.00E-04	1.7192085	1.67927008	1.6776757
0.49911364	0.40836194	2.46682134	1.75449632	0.87006277	1.42214763
4.23613785	3.89285775	3.21137779	2.0863592	2.28043128	2.69750641
2.15935766	1.63410744	1.69994631	2.23968302	1.10946498	1.86967405
0.63771028	1.00E-04	1.00E-04	1.00E-04	0.68621491	0.8007554
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32492211	1.38785639
0.98769322	1.00E-04	1.00E-04	0.46633175	1.00E-04	1.00E-04
1.00E-04	0.65837836	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.10673141	0.17637488	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.1691158
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.83398909	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.00E-04
1.49350423	0.76318831	1.00E-04	1.13468882	1.66167538	1.91413415
1.9581081	0.69576591	2.18976771	2.70132148	2.11478329	1.91619509
1.00E-04	1.00E-04	2.20774195	1.90848982	1.546263	1.64532381
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.86999082	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.72542868	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82177194	2.07254201	1.00E-04	0.64978022	1.08053138	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.68405121	3.74636759	3.78740011	4.24851212	3.80602357	3.75910328
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80143005	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.29335994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.52319676	1.00E-04	1.00E-04	1.00E-04
1.06286997	0.45118201	1.00E-04	1.00E-04	1.67775058	0.91474111
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.11356457	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	1.00E-04
1.00E-04	0.81121745	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21849012	2.04089225	1.00E-04	0.99585509	1.1046126	1.65445585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.04888333	1.00E-04	0.20501279	0.42455119	0.37352143
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.90571514	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17649229	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30980585	1.00E-04	1.00E-04	1.00E-04	0.85427943	1.00E-04
1.55972794	1.6282141	1.30986649	1.49729274	1.21128872	1.88687239
2.65306634	3.10864835	2.15775056	1.8964848	2.0685221	2.16248913
1.82710831	2.03828476	1.01811585	1.29962326	1.83522809	1.50650989
2.67111028	2.27715896	2.51582038	2.52516029	3.05618624	3.30135471
1.00E-04	1.39011253	1.28609943	1.00E-04	0.96771814	0.53800788
1.61346	0.90571514	1.00E-04	1.00E-04	0.98345838	1.19862698
1.08951024	1.5688795	1.00E-04	1.40043228	1.24144865	1.78062581
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30980585	1.00E-04	1.00E-04	1.00E-04	0.63771785	0.30661977
2.08546941	2.55186336	1.6068095	2.66489784	3.02935634	1.4869438

1.39097515	1.88628455	1.01811585	1.76046436	1.62501761	2.6357952
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26331377	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50685107	0.69835557	1.00E-04	0.45991406	0.72347693	0.13067397
0.64435322	0.87554855	1.00E-04	1.00E-04	0.49362072	1.1885704
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22704934	2.85502119	3.82729076	3.02483052	3.68128049	3.63236626
0.7769067	1.23970038	1.00E-04	1.00E-04	0.31877834	1.00E-04
0.79341826	0.40836194	1.00E-04	1.00E-04	0.43936842	0.62848175
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3340074	1.00E-04
1.00E-04	1.00E-04	2.46099858	1.00E-04	0.44023345	0.21329315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.11518827	1.07225266	0.69281774	1.70808193
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3548392	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.7537902	1.00E-04	0.72549465
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26654268	1.00E-04
3.87971098	4.24376343	3.21195285	3.68052886	3.69659985	4.45917502
1.5471719	0.88803053	1.00E-04	0.2788676	0.58380682	1.00E-04
2.15375515	2.37791961	1.00E-04	2.28393882	2.16481963	2.5075583
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43243323	1.00E-04	1.28316224	1.05253524	0.97680479	0.99692559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.65326668	1.00E-04	0.37771766	0.22713799	1.00E-04
1.90643017	1.57487318	1.30789632	1.00E-04	1.17294342	1.35961875
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75334019	1.00E-04
1.00E-04	0.63462979	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51946799	2.34738514	1.93119131	3.21783365	3.40968598	3.78662445
0.44087771	1.00E-04	1.00E-04	1.00E-04	1.329437	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	3.76805602	0.77932464	0.5577654	1.17897198
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.27520886	1.43305089	2.4860289	2.70182983
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.77597791	1.00E-04	1.00E-04	1.00E-04	0.82789156	0.64490035
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53757058	1.96669047	1.00E-04	0.69505938	1.29053513	1.13063485
0.82977307	1.00E-04	1.30986649	2.3877469	1.32414763	1.79587871
1.77909813	1.93015468	1.00E-04	0.98629458	1.72099627	0.76977747
4.41190238	4.65982774	1.76382238	3.61821274	3.98693746	3.88648084
1.00E-04	0.92995371	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79828403	0.54611412	1.00E-04	1.31303869	1.00E-04	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32990742	0.66135977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.69558204	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06623543	2.15079763	1.00E-04	1.00E-04	0.69558204	1.00E-04
1.75517494	1.97895434	1.00E-04	1.00E-04	1.00E-04	0.19641509
2.77838746	2.45058407	3.29823102	3.11662026	2.91093442	2.76195826
0.99359366	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91577802	0.41409474	1.83013888	1.29574514	1.41906643	2.05074552
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.20808244
0.52268451	1.00E-04	1.00E-04	1.00E-04	0.73343128	0.62918788
1.70432076	1.62165714	1.00E-04	0.24834324	0.58559219	2.10570795
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92279339	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30370748	1.82435606	1.00E-04	1.04212923	0.68153159	1.4961821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07911906	0.4375449	1.00E-04	1.10897882	2.03550129	1.67329017
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	1.00E-04
0.35811479	1.13327393	1.00E-04	0.66122992	1.64415505	1.00E-04
1.00E-04	0.57965788	1.52319676	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76508341	1.07552769	1.27996271	1.94159292	1.38893293	1.90084432
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.96587894
1.00E-04	1.00E-04	1.00E-04	0.90461604	0.54857924	1.079479
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.13455681	1.00E-04
1.9395155	2.53267438	2.08421616	1.28739234	1.4047456	2.3091618
1.40829394	2.29701909	1.78801416	1.73877735	1.82703058	1.58088351
0.47232616	0.52360732	1.00E-04	1.00E-04	0.58408879	0.50585742
0.6853338	1.37923057	1.00E-04	1.4703565	1.00E-04	0.95846639
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90926739	2.13146225	2.26855529	0.58468642	1.223212	2.36089292
1.11193429	1.83602627	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.6970517	2.00124769	1.00E-04	1.00E-04	0.9761906	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4595327	1.00E-04
1.25003318	0.75333424	1.38754516	0.4783264	0.9433726	1.54363845
1.21572748	1.48279421	1.00E-04	1.67268314	1.21018679	1.91712551
0.95833781	0.86453657	2.18505109	0.32864749	0.86571887	1.08058567
3.11348399	3.44163233	2.52732399	2.47739725	3.10821548	3.4231378
1.33289059	1.88237289	1.75318857	2.22935177	2.27740304	2.52410431
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25234495	1.00E-04	1.00E-04	0.94856448	0.57358482	1.00E-04
0.44837254	1.00E-04	1.00E-04	0.89955431	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41124573	1.57272293	1.00E-04	1.69336602	1.84057551	2.41694264
1.00E-04	1.00E-04	1.00E-04	0.84653972	0.95292159	1.00337581
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45228912	1.00E-04
3.26625669	2.94228452	2.43325824	2.06312646	2.5334022	2.63320192
1.83539889	0.96796863	1.00E-04	0.39596165	0.48393323	1.17800186
1.05358279	1.84432885	1.00E-04	1.00E-04	0.34578266	1.01593807
1.22934189	1.51692393	1.00E-04	1.01534774	0.61749663	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.51809791	1.00E-04
1.00E-04	0.43600786	1.00E-04	0.65114092	0.56058539	1.0694241
2.59659628	1.42441712	1.99302242	0.79234705	2.70774453	3.26336122
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.20527357
1.00E-04	1.13259697	1.00E-04	0.24575289	1.33830215	0.98205738
1.73158308	1.48383502	1.00E-04	0.77721523	1.48234818	1.41908403
1.00E-04	0.74600709	1.00E-04	1.00E-04	0.50337509	1.3776664
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.11725291	0.41929553	1.6068095	0.89340412	0.56255573	1.07621018
1.00E-04	1.00E-04	1.00E-04	0.85787483	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.14640595	1.00E-04	1.00E-04	1.00E-04	0.90726669
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74259369	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37082421	1.00E-04	0.57696471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68583034	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	0.4932192	2.16030617	1.00E-04	0.70477314	1.16153411

3.14870563	3.11596861	2.20889536	2.73536063	2.89328816	3.31982225
1.00E-04	0.24251465	1.00E-04	1.06444054	0.50337509	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	0.43612052
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67823518	0.97778242	1.00E-04	0.70649357	1.00E-04	0.27426123
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65125871	0.44747489	1.00E-04	0.97219021	1.81283074	1.24364
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.27996271	0.57264305	0.87760863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40515069	0.59560932	1.00E-04	1.00E-04	0.41746198	0.61342171
1.00E-04	1.00E-04	1.00E-04	0.51928704	1.00E-04	1.00E-04
1.03133582	1.24910005	1.00E-04	0.15557081	0.81184267	0.76605712
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01030443	0.48913524	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57965788	1.00E-04	1.00E-04	0.67182388	0.54492932
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76363761	0.5780606	1.00E-04	0.59034814	1.00E-04	0.74462396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.00E-04	1.00E-04	0.37250181	1.00E-04	1.16037737
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.81688067	1.00E-04	1.00E-04	0.79830865	1.00E-04	0.86143548
0.33099482	1.77196048	1.00E-04	1.13924796	1.02014599	1.92905383
1.00E-04	1.00E-04	2.24726389	1.00E-04	0.40665698	0.62918788
0.54572308	1.00E-04	1.00E-04	1.62440478	0.66051602	1.0864865
1.00E-04	0.8876832	1.00E-04	1.00E-04	1.00E-04	0.28509766
1.00E-04	0.38408963	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36372495	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74484335	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97898301	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90735129
1.00E-04	0.87554855	1.00E-04	1.00E-04	1.00E-04	1.17949751
1.14513523	1.18530025	1.00E-04	1.32968879	0.87227489	1.93982017

1.21695081	0.75333424	1.46133917	1.8975002	0.80261103	2.44148503
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86640468	0.61145469	1.00E-04	1.00E-04	0.56466611	0.72608273
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.63972949	1.00E-04	1.30789632	0.85722768	0.33647818	1.03500466
1.00E-04	1.05104776	1.30789632	1.36121213	1.69978604	0.53311049
1.00E-04	0.3967811	1.00E-04	1.00E-04	1.19787495	0.60635174
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.69870432	0.6377961	1.00E-04	1.00E-04	0.67963376	1.7704525
0.27093267	1.15591213	3.40140892	3.55141756	2.42913717	2.34677851
1.51167525	0.4932192	1.00E-04	1.26232365	0.69858764	1.20810805
2.96835985	3.06345831	4.07136817	3.55868041	3.6744958	3.4867087
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62242987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22139778	1.00E-04
1.65824293	2.76926962	1.93591379	1.66324747	2.65131496	2.93577137
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9027859	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29591257
0.8444645	1.00E-04	1.00E-04	1.35025735	0.752871	0.67241037
0.6656225	0.74476672	2.08421616	1.52607769	1.29267018	1.96331483
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56648379	1.00E-04	0.15557081	0.53310597	0.30661977
1.5934501	1.11152371	1.00E-04	1.05490207	0.85860184	1.00E-04
0.45044286	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
0.25628974	0.65837836	1.00E-04	1.16309706	1.78455283	1.55089989
2.87933329	2.93459378	3.65084724	3.07639356	2.87137395	3.08847014
2.76799101	3.56096842	3.98134387	3.75891613	4.50140701	4.43732532
1.76239191	0.88653306	1.00E-04	1.12773036	1.74272052	1.4937371
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.28453275	1.00E-04	0.49587874
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.1781004	1.00E-04	1.00E-04	0.91504574	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62754339	1.97537317	1.11518827	1.5739048	1.51710042	1.51283918
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32492211	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.45044286	0.36607432	1.00E-04	0.65114092	1.00E-04	0.57696471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.9436911	1.26425963	1.00E-04	2.22313618	0.69789965	2.28410315
0.70967703	2.14064942	1.00E-04	1.00E-04	0.27564669	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24575289	1.63572293	2.38387791
0.32608229	1.67355007	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.96625128	1.85739425	1.00E-04	1.15596351	1.38265199	1.54581088
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.30764686	1.25726499	1.00E-04
4.30628072	4.30608082	4.52309199	4.07823893	3.96373596	4.46064741
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8007554
1.31465065	0.84410758	2.37523392	0.84510244	1.07631952	0.6941482
1.0395669	1.00E-04	1.00E-04	0.81392237	0.57479248	1.00E-04
0.78860226	0.72050085	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58871261	0.66309603	1.00E-04	1.00E-04	0.35872507	0.21329315
3.40162924	3.47211881	4.9677426	5.54047378	3.48412269	3.27086481
4.17718143	4.07531117	4.18290639	4.23295476	4.52542346	4.69115445
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46787427	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.97336416	2.97652161	2.62275115	2.50070012	2.43189948	2.18023625
1.00E-04	0.66491371	1.00E-04	1.00E-04	0.64031515	1.00E-04
1.00E-04	0.50028658	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	1.00E-04	2.43969177	1.52881303	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.90761479	0.54937466	0.99457192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88011859	1.00E-04	1.00E-04	1.00E-04	1.17150769	0.95778737
1.46151829	1.26632713	1.00E-04	0.76825397	1.00E-04	0.16236604
0.67325245	1.00E-04	1.00E-04	1.73803204	0.55282829	0.30788028
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	0.40836194	1.00E-04	0.48160941	1.06581378	1.22367977
1.00E-04	0.4887782	1.00E-04	0.99496754	1.04084049	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37624996	1.00E-04
3.51295244	3.57435868	2.94389231	2.84102778	3.29389223	2.98979841
0.80311244	0.38408963	1.00E-04	1.00E-04	1.15419493	1.00E-04
2.37909806	2.61898065	2.5084181	2.44142601	2.48684695	2.47281109
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.41598914	1.00E-04	1.1245101	1.00E-04	0.74336161
1.00E-04	1.00E-04	1.82713664	2.71087625	2.35223458	2.81732042
1.69206745	1.71957568	1.57312553	1.49081762	1.84882057	1.97355768

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.25852626	4.487343	1.11518827	1.79204034	1.52429716	1.45853562
2.10643799	2.66373859	2.33236565	3.27118893	3.61217481	3.61586805
1.01316461	0.71655627	1.00E-04	2.72885029	2.63819085	3.03272005
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.86196815	2.03869042	1.00E-04	0.9948449	1.5866262	1.10561551
1.85028193	1.81331031	1.28316224	2.24967292	2.61011475	2.0466762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35419377
1.00E-04	0.74331533	1.00E-04	0.76093686	0.46253117	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3898033	1.12888125	1.42763756	1.5147497	2.83628174	2.60080952
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	0.5011611	1.00E-04	1.33409028	1.84307038	2.32316462
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.84083059	2.73599232	1.00E-04	1.71355895	2.97576361	3.58156555
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33052186	0.436998
3.08060862	2.65982344	1.00E-04	2.42318828	3.35718738	4.10343312
3.93732327	4.08163113	3.72439697	4.14058805	4.57704984	4.36460895
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.97830921	0.27426123
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32492211	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.504286	1.00E-04	1.00E-04	0.79512331	1.51676296	0.46104644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30433976	1.00E-04	1.00E-04	1.23375692	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.97925635	2.95253519	2.27637834	1.64923503	2.58158391	2.65333227
2.40244821	3.01377298	1.42763756	1.01503643	0.50608384	0.16236604
1.5488506	1.97002503	1.00E-04	1.96843816	1.44130449	1.00946544
1.2589166	0.59232953	1.00E-04	1.17599119	2.07571877	1.42541672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03874838	0.51466394	1.00E-04	1.00E-04	1.4196959	0.71575207
1.00E-04	1.00E-04	1.00E-04	0.73342256	1.00E-04	0.64490035
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.21882592	2.11611919	1.94735412	3.12934738	2.77820323	2.50357782
2.18541471	2.31169176	2.26969129	1.85861478	1.89660905	1.82449132
2.07519796	1.71509303	2.05488802	3.11337026	2.796401	3.30443599
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.80691153	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.11465707	0.33004234	1.15383141
2.87216221	3.27401894	2.11078021	2.75514336	3.18370286	3.16835051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55190175	1.91360596	1.82687244	2.05973569	1.71037216	1.85320655
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05013787	0.97901876	1.00E-04	1.00E-04	0.33307364	1.00E-04
1.00E-04	0.67318844	1.00E-04	1.00E-04	1.00E-04	0.16236604
0.87162023	1.82879934	1.00E-04	0.46085181	1.63601939	0.25940884
2.33631411	2.3778857	1.75472403	0.73402256	2.31359371	2.18018465
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62918788
2.70995491	3.1015128	5.27367022	5.39156821	5.48017278	5.26572417
0.89999691	0.92387651	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50875075	1.08121091
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.71255687	1.00E-04
0.32197209	1.2603719	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3786425	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62848175
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94942514	1.00E-04
2.25386882	2.1572396	1.84324908	2.52125886	2.23193871	2.49488284
0.54859266	1.00E-04	1.00E-04	0.81161137	0.6127654	0.92975782
1.76851136	2.27489512	3.12559873	2.38818466	2.46073454	2.73557075
0.92371077	1.46369858	2.46682134	2.60262263	1.11321845	0.30661977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1826159	0.30913278
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.35890858	2.49037584	2.3892568	1.46807853	2.14967831	3.31243097
1.89556499	2.2965295	2.98493549	1.50327126	2.12532529	2.23321479
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.86125158	1.00E-04	0.39596165	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.6245758
1.00E-04	0.55253127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21928537	0.59418646	1.28316224	1.00E-04	1.03689953	1.24413982
0.7083881	0.94817813	1.00E-04	0.4266763	0.6190316	0.47809558
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18205037	1.69059049	1.00E-04	1.22663175	1.73703263	1.26834144
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05622586	1.20700045	1.00E-04	1.75220082	0.70196838	0.83494736
2.70644658	2.4756909	2.903962	2.22701905	2.9263461	2.81480559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12413672	0.15499183
1.00E-04	1.86933369	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86781995	0.99488687	1.00E-04	1.00E-04	0.26331377	0.52770235
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84824861	1.39975927	1.00E-04	0.65949196	0.46993719	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47422388	0.7518857	1.00E-04	0.96008477	0.44443085	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69167046	1.00E-04	1.00E-04	0.15557081	0.29028813	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39776263	0.4683059
1.00E-04	0.75174116	1.00E-04	1.08776749	1.00E-04	1.37561242
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.89064666	1.59427884	1.974814	2.15478945
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.44891413	1.00E-04	1.42634433
4.40522428	3.82868677	4.05055318	4.67582571	4.6406014	4.57217147
0.5845187	1.39096821	1.28609943	1.00E-04	1.34938229	0.95583742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55708232	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.35585701	1.00E-04	1.00E-04	1.50169589	1.07009821
1.00E-04	1.32289509	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.6853338	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.73342256	0.32267537	0.30047008
1.00E-04	1.00E-04	1.00E-04	1.11686585	0.18229203	0.9089619
0.95278091	1.11680978	1.00E-04	0.14912336	0.57915066	0.28534395
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45995863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.7210371
1.00E-04	0.61145469	1.30789632	1.00E-04	1.00E-04	1.04577073
0.67325245	0.3708313	1.93271424	1.87081149	1.51417471	0.40441147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35948108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20059412	1.00E-04	1.27996271	1.4314158	1.82378279	1.90411655
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58826351	1.00E-04	1.00E-04	1.12903664	1.00E-04	1.00E-04
1.74862769	1.42775069	1.06844428	2.06125867	2.06860858	2.00020972
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.42714484	2.66995942	2.24726389	2.54861543	2.04003762	2.89108708
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.76119895	1.00E-04
0.35811479	0.74600709	1.00E-04	1.00E-04	0.58198838	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29028813	1.00E-04
0.62506536	0.48013639	1.00E-04	0.37771766	0.9431891	0.94903982
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37771766	1.00E-04	1.00E-04
3.66568053	3.40325961	2.35929254	2.76226764	3.19125225	3.05145806
1.00E-04	0.59436393	1.00E-04	1.14313713	0.33327329	0.48971388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.8678908	3.414783	2.47576635	2.41607256	2.05072885	2.32416281
0.58443014	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.03930427	0.85926322	1.00E-04	1.00E-04
0.4620769	1.00E-04	1.38754516	0.24575289	1.71952857	2.32956962
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69966301	0.3708313	1.00E-04	1.67684041	1.17732277	1.26763031

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48060402	0.70638095	2.08421616	1.00E-04	0.67938685	1.00E-04
3.72294061	4.0152932	3.43502397	3.48127841	3.13702595	3.88883082
1.00E-04	0.3972097	1.00E-04	1.59634871	1.08460931	1.14053979
0.77524832	0.81771455	1.42763756	0.93895769	1.0351123	1.54465122
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31877834	1.00E-04
2.16910033	0.9445527	1.11518827	1.8074558	2.38979063	1.93120669
1.76688911	0.59232953	2.84265969	2.70934065	2.03027604	1.78310185
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.48472799	4.46609215	2.61015368	3.99447472	4.1842311	3.88955585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87554855	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06135381	1.67843705	1.00E-04	0.97281662	2.47582349	2.70112903
2.52748395	3.56268811	1.00E-04	1.26564599	2.03201534	1.26465728
5.38144298	5.40132575	4.2570371	3.32936294	5.30074015	5.23435606
1.00E-04	1.00E-04	2.32722852	1.00E-04	1.00E-04	0.25940884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35419377
4.48310922	4.37179021	1.52319676	3.07955932	3.06821277	3.62274636
1.00E-04	1.11152371	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24834324	1.00E-04	0.54828133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23312062	1.93389533	3.0179628	1.75495083	2.88689557	2.04004528
0.8065113	1.00E-04	1.00E-04	1.00E-04	0.78825892	1.00E-04
2.13815902	2.46449209	1.00E-04	0.58468642	1.00E-04	1.00E-04
1.89260895	2.22771264	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.9546292	0.91168092	1.00E-04	2.09867303	0.85232358	1.52054891
1.799989	1.96001304	1.00E-04	1.9894316	0.49804293	2.04521663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72375712	0.72342246	1.00E-04	1.00E-04	1.00E-04	0.9089619
0.50857658	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.46633175	1.00E-04	1.00E-04
1.07169585	1.00E-04	1.00E-04	1.00E-04	0.71255687	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.07671311	1.0694171	1.00E-04	2.38958494	0.87710564	0.79704712
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5256597	0.89451126	2.76715297	1.00E-04	2.06579779	0.82736845
0.60507862	0.97149289	1.30986649	1.00E-04	1.13751605	1.07170243
1.29711238	1.42403944	1.30986649	1.00E-04	1.00E-04	1.89361916
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37250181	1.00E-04	1.00E-04
1.00E-04	1.37536351	1.00E-04	1.00E-04	0.4595327	1.00E-04
1.00E-04	1.00E-04	1.38754516	1.00E-04	1.00E-04	1.00E-04
0.89711149	0.57217101	1.00E-04	1.00E-04	0.87107904	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93640049
2.64101868	2.42642627	1.30789632	3.07157021	3.30382392	1.94841398
3.08038399	3.03086074	2.9151661	3.14763834	3.377612	3.02662606
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.57705622	1.05583173	2.63401241	3.26162621	2.29943069	2.15161032
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70393846	1.36851225	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52810664	0.7349726	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17637488	1.00E-04
0.44413777	0.97849439	1.06844428	0.95537362	0.87566928	1.11635281
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85294199	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16276316	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22168959	1.59757739	1.00E-04	0.4783264	0.72943685	1.45704629
1.00E-04	1.00E-04	1.00E-04	0.59680653	0.24760841	1.38396966
0.37624481	1.11166441	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.00E-04	1.00E-04	1.30986649	1.00E-04	1.00E-04	1.00E-04
0.59086646	1.53991665	2.26969129	1.00E-04	0.95089224	0.54911963
1.00E-04	0.30163127	1.00E-04	1.00E-04	0.08158092	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26605345	1.49497136	2.81239203	0.8563034	1.0808192	1.21147672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15557081	1.00E-04	0.14485168

1.00E-04	0.77949238	1.00E-04	1.78632767	0.63738487	1.39234548
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53292787	1.14519428	1.06844428	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58995952	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43067629	1.67485176	2.02887422	2.7131748	2.50054196	2.6477775
1.00E-04	0.87686316	1.00E-04	0.68801183	0.17279347	1.18164819
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.36213036	2.4217037	1.01811585	1.2565578	1.67791408	1.37071787
1.00E-04	1.00269796	2.20756886	1.18232909	0.32317403	1.00E-04
0.50045326	1.00E-04	1.76382238	3.00392365	3.01751298	2.99124227
1.78618594	1.60870452	2.08421616	1.62661479	1.27706926	1.99264614
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20628126
0.72917597	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.89451126	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.17742633	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62394601	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67403852	1.23536547	1.00E-04	1.19540671	0.7955267	1.10865904
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.56823509	2.32523524
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.11087136	3.64148505	1.00E-04	1.1033495	1.26762966	1.52142219
1.38268151	1.00E-04	1.00E-04	0.49595628	1.141369	0.37073618
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71655627	1.00E-04	1.00E-04	1.00E-04	0.57696471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04
1.00E-04	1.00E-04	1.00E-04	2.41149908	1.1315769	2.38265261
1.00E-04	0.64887418	1.00E-04	0.53821433	0.15137331	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71315699	1.83664835	2.04595548	2.37082172	2.68304727	2.59581676
1.00E-04	1.00E-04	1.00E-04	0.84168944	0.29028813	0.13038568
1.00E-04	1.00E-04	2.61116133	2.04699095	1.97777487	2.33808382
1.84177301	1.60347972	1.00E-04	0.39596165	0.49912154	1.38203933
1.86339556	2.608456	1.00E-04	1.00E-04	1.01285636	2.67122762
2.34722588	1.99225796	1.00E-04	1.87601778	0.94027737	1.23979129
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.00E-04
0.92689221	0.75289907	1.00E-04	1.00E-04	0.33004234	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.84528238	0.47330183	0.40278452
0.93000202	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16565788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90349941	0.9089619
0.80221069	1.00E-04	1.00E-04	0.90956417	0.99022263	0.77854574
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29591257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87769595	1.8877512	1.00E-04	1.00E-04	0.7819751	0.4683059
3.5696545	3.33809045	2.33037205	3.12155509	2.74348959	1.94167449
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62925662	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.07370578	0.71255687	1.1691158
0.34600017	0.55253127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12806082	1.32122074	1.00E-04	1.00E-04	0.63341697	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90726669
2.04726608	2.25615693	1.00E-04	1.61677135	1.57904527	1.29293348
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.28609943	0.32864749	1.00E-04	1.86899976
1.50711925	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30788028
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93724818	2.75832154	2.08421616	2.0928258	2.67702351	1.66972676
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23744672	1.18097801	1.00E-04	1.00E-04	1.00E-04	0.62918788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.13453954	4.17447596	1.00E-04	2.84589101	1.73141124	2.51894848
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71475436	1.74507752	1.06844428	0.8873061	0.33052186	1.36699337
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.97036195	2.78490994	1.00E-04	0.73388217	1.00E-04
1.77267322	1.64901883	1.00E-04	0.67521107	0.70632525	0.30974433
0.69167046	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91234099	0.76259626	1.00E-04	1.00E-04	0.36372495	0.27250157
1.00E-04	1.12387453	1.00E-04	1.61799608	0.97516178	0.38104401
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84086683	1.02733633	1.00E-04	1.85596049	1.31628352	1.27016222
1.00E-04	0.74331533	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.51836976	1.00E-04	1.00E-04	1.00E-04	1.66978813	1.10129454
4.46623881	3.47349714	2.49816809	2.60663101	4.5267517	3.13738446

1.57818515	1.81336473	1.00E-04	1.42376201	1.77496388	0.50428197
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65086992	1.16930872	1.00E-04	0.24834324	0.88981186	1.24172406
1.81356739	1.46104672	1.00E-04	1.34614179	0.32492211	1.18916107
0.50685107	1.14927284	1.00E-04	0.85834176	1.00E-04	1.6341424
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3189932	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94638224
0.52523255	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92672584	1.89400202	1.00E-04	1.40263388	1.26395245	0.93898813
1.00E-04	0.92075871	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.15520352
0.92349562	1.00E-04	1.00E-04	0.20501279	0.87146419	0.90433213
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68390115
0.41344919	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35419377
0.27874649	0.48913524	1.00E-04	0.59680653	1.00E-04	1.00E-04
1.81765371	1.61853022	1.00E-04	0.73017762	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.09343665	1.00E-04	1.28499889	1.1867895	1.12800113
1.00424316	0.83086789	1.00E-04	0.9260152	1.3819494	1.65271076
1.00E-04	0.74331533	1.00E-04	1.00E-04	0.10440683	1.00E-04
2.23979853	2.65700925	1.00E-04	0.97766703	2.50767781	2.10203589
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.39596165	0.1826159	1.00E-04
1.00E-04	0.36710226	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71670171	0.67318844	1.00E-04	0.61457452	0.41961083	1.00E-04
0.58826351	1.00E-04	1.00E-04	1.00E-04	1.24624216	0.32900361
2.13925049	1.88138737	2.04595548	2.54563893	2.03105704	2.10090876
0.9230346	0.49885661	1.00E-04	1.00E-04	1.19549783	0.68550969
1.95405582	2.96380748	2.76160023	2.33497353	2.32063344	2.8327558
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68390115
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.53590504	2.96973667	1.28316224	2.5682623	1.97953106	2.55583169
1.00E-04	0.45691315	1.00E-04	1.00E-04	1.04282307	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15499183
1.77306662	2.09704687	1.00E-04	1.41037365	1.24914055	1.2800825
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87760041	1.13118534	1.00E-04	1.00E-04	0.98502317	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8574689	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54900993	1.79777902	2.13669179	3.11514326	2.57985117	3.23594356
1.12737672	0.66862807	1.00E-04	1.76318082	1.78743904	2.32534887
1.12185147	1.69851294	1.42763756	1.00E-04	1.732324	0.92973594
0.71720198	1.45421519	1.00E-04	1.00E-04	0.69493446	0.87167696
1.00E-04	1.00E-04	1.00E-04	0.67707868	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8945181	1.20595626	1.00E-04	1.25644216	2.41306478	0.98983567
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25808753	1.23628252	1.00E-04	1.00E-04	1.92544367	1.98205275
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81455276	1.72297709	1.00E-04	1.00E-04	1.00E-04	0.96011163
1.00E-04	0.57965788	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.71219483	1.00E-04	1.00E-04
2.16126895	2.30167664	2.59191464	2.40774374	2.33059624	3.01771779
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86021182	0.98775958	1.00E-04	0.14912336	1.39764642	1.50202747
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35534378	0.35419377
2.4457334	3.36419129	2.71581261	4.03815939	3.94995826	3.98815032
1.00E-04	0.44777316	1.00E-04	1.58755605	2.54396197	1.53537861
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3146974	2.76740294	1.7257134	1.51744498	2.4065769	1.82041475
1.00E-04	0.72542868	1.00E-04	0.87372373	1.00E-04	0.38720421
2.21120562	0.67804901	2.54080566	1.72687456	1.660841	2.18657744
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74302472	0.27720511
1.00E-04	1.00E-04	1.00E-04	1.03966805	0.81862451	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64247004	1.00110608	1.00E-04	1.40773715	0.91052103	1.00E-04
1.21928537	1.00E-04	1.00E-04	1.00E-04	0.24021141	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.38601898	2.55604599	1.28609943	3.2013756	2.8435049	3.28344661
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44008268	1.00E-04	1.01811585	1.00E-04	0.23239377	0.16565788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87824963	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.4266763	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.11758476	0.4783264	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11275265	0.74771768	1.00E-04	0.91996008	0.80413279	1.06424025
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16448447	1.00E-04
1.56938652	2.16496352	1.00E-04	1.26244	1.46187912	2.31924184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32174827	0.57696471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66694363	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89894326	1.00E-04	1.00E-04	0.25428292	0.4595327	1.23233636
1.00E-04	1.00E-04	1.00E-04	0.56029689	0.51125596	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93316971
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81249773	1.54466273	1.00E-04	0.7209841	2.03991519	1.25940822
1.56187478	1.16186791	1.00E-04	0.77511777	1.32063469	1.28502827
1.00E-04	1.00E-04	1.00E-04	0.54938023	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10275416	1.00E-04	1.00E-04	1.00E-04	0.42486659	0.48063511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.37037031	3.56286951	3.91864411	3.23586607	3.30760583	3.67177194
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76033547	1.95333921	1.00E-04	1.01953978	1.54585859	1.36753774
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86700902	0.59074735	1.00E-04	0.75492566	0.75237527	0.39710915
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54088411	0.46112954
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.08704304	3.55023542	2.58151972	2.08710839	2.90890943	2.75185213
2.41568934	3.04973838	3.28673664	4.01736292	3.71410499	3.66590832
1.00E-04	1.00E-04	1.00E-04	1.30142158	1.00E-04	1.00E-04
0.17793811	1.00E-04	1.00E-04	0.45991406	0.28620021	0.24433588

0.65517291	1.00E-04	1.00E-04	1.00E-04	0.97114104	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.01435813
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.7767578	0.78691146	1.00E-04	1.2911357	1.06762916	1.64857567
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.99397511	1.46655905	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76964981	1.47246693	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78162664
1.63296688	2.72867654	2.89273409	3.32747312	2.13563509	2.44535872
1.00E-04	0.58995952	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54857924	0.3321585
1.00E-04	0.78770757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96959408	0.79837719	1.00E-04	0.37082421	0.96961834	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56312682	1.00E-04	1.32026216	1.44234907	0.53054394
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.66869994	1.09280234	0.78162138
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
0.64176485	0.4932192	1.00E-04	0.46633175	1.19187396	0.57877703
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95750801	1.60150242	2.0974779	2.49136732	2.67576407	2.30564499
2.45326509	3.00496696	2.1943037	0.89975594	1.19580514	1.37263041
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06400091	1.00E-04	1.00E-04	0.37771766	0.33052186	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4897726	1.00E-04
1.00E-04	1.65409472	1.42763756	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.02886389	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42274762	1.00E-04
1.89846493	2.0214491	2.36641186	2.18344133	2.33582922	2.43912681
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44785357	1.51340499	1.00E-04	1.17548338	0.72813013	1.00E-04

1.00E-04	0.37215976	1.00E-04	1.04057946	0.40109178	0.8109406
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24021141	1.00E-04
0.99090222	1.00E-04	2.34585778	2.55440139	2.18883024	2.63333428
1.00E-04	1.00E-04	1.00E-04	0.46633175	0.48393323	1.00E-04
2.57168549	1.95357701	1.28316224	1.27002927	2.39689349	2.47213364
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.01137908	0.71626415
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09237982	1.69177315	3.44589097	3.29087959	2.73116269	1.97559454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71129035	0.41409474	1.00E-04	1.83570133	0.62212925	0.35419377
0.76371238	1.00E-04	1.00E-04	1.00E-04	1.01180409	0.13067397
1.4985894	0.74088902	1.00E-04	0.15557081	2.29312688	1.72430969
1.00E-04	0.86453657	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.5730619	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60252178	1.95347133	1.40283744	2.03985551	1.34676608	1.21333563
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49494969	1.9103234	1.00E-04	1.06989187	1.42073729	1.65231352
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39776263	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
0.09415495	1.20412334	1.00E-04	0.41438246	0.95708394	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91249325	1.00E-04
0.44837254	1.00E-04	1.00E-04	1.00E-04	0.51809791	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.07702376	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.52957065	2.83804575	2.08421616	2.68893618	2.32034918	1.75118231
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.45122734	1.23213087
0.45859847	0.79837719	1.00E-04	1.00E-04	0.28088901	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35948108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2424282	0.24251465	1.00E-04	0.30764686	0.96487024	0.34980336
1.00E-04	0.4375449	1.00E-04	1.00E-04	0.29022941	0.13067397
1.44396572	1.26641978	1.00E-04	1.00E-04	1.00E-04	1.08980452
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.23446168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56090032	2.32742552	1.42763756	1.18430117	1.62155787	1.57854911
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.83054554	0.60372301	1.68386035	1.20536536
0.58871261	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.00E-04	1.00E-04	1.00E-04	0.31853502	0.27882585
1.36232877	1.69139199	1.97484589	1.81482128	2.24478421	1.57832235
1.00E-04	1.00E-04	1.00E-04	0.24834324	0.18945863	1.00E-04
2.95094979	1.94607329	2.53612646	2.84216233	2.22362873	2.65900499
1.00E-04	0.51466394	1.00E-04	1.1022037	0.66694363	0.3779991
0.87824963	1.00E-04	1.00E-04	1.00E-04	0.38224435	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45859847	0.50028658	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62690381	1.00E-04	1.31887934	1.59717639	1.15520352
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92009995	1.82964392	1.00E-04	1.85028482	2.16113657	2.11738301
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.39496032	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.06282206	2.7591192	2.79596739	2.98743774	3.40669372	3.13538459
1.90734666	1.86892668	1.40283744	1.76890627	2.64962994	2.49718443
0.09415495	1.00E-04	1.00E-04	0.52738567	0.33163084	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71672884	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3972097	1.00E-04	1.00E-04	0.08158092	1.00E-04
1.00E-04	0.99713353	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.25608818	3.16004778	1.00E-04	0.86473302	0.50776922	0.93458943
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64135016	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28509766
1.53448796	0.58441889	1.00E-04	0.58468642	0.90046955	0.62848175
1.92951074	1.92828329	1.00E-04	1.22593065	1.31285031	1.7147572
1.72588574	1.59377188	1.00E-04	0.44736818	0.66694363	1.37263001
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51124373	2.5372038	1.74894376	1.39775643	2.47025741	2.24529851

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.16251213	0.78698668	0.30661977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35507067	1.00E-04	1.00E-04	0.71307202	0.52519061	0.67633377
1.67716336	2.11490593	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57077505	0.56456051	1.00E-04	1.00E-04	1.00E-04	0.90613116
1.00E-04	1.00E-04	1.00E-04	0.65562728	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28943766	1.76832532	3.2089963	2.82865335	2.82330836	2.99118212
1.00E-04	1.00E-04	1.00E-04	1.22851307	0.89674567	1.62595594
2.00662799	2.24577435	2.0987188	2.60183293	1.74582274	1.98375387
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05674079	0.37215976	1.00E-04	0.37250181	0.65948913	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.96412703	3.22030315	3.5427516	2.67812711	1.61783056	2.45977026
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40515069	1.00E-04	1.00E-04	1.00E-04	0.83160248	1.00E-04
2.12089454	1.84746467	1.00E-04	1.33544655	0.63212538	0.16565788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67382584	0.75682992
1.66689596	1.84141275	1.06844428	1.00E-04	1.20792145	1.39289975
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.64315265	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.60692892	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21778146	2.07859352	1.11518827	1.73177992	1.00E-04	1.0273193
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92733658	0.92031514	1.00E-04	1.33674592	0.94798371	0.65849107
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30788028
1.27361244	0.24251465	1.00E-04	1.41518714	1.03331186	0.84547656
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.30833237	0.81931667	1.00E-04	2.00761083	1.97952947	2.45080704
0.09415495	1.00E-04	1.00E-04	0.24834324	0.35826394	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45881046	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97307644	0.73540559	1.00E-04	1.00E-04	0.80988879	0.48882888
1.11678789	1.00E-04	1.00E-04	0.58410459	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58836182

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42983179	1.25031181	2.08421616	2.01077203	2.25845949	2.19606638
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61558987	1.16773002	3.97116601	3.59432066	3.75711244	3.52587266
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49392672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.07182965	1.00E-04	1.00E-04	0.50891932	0.13038568
1.59057592	2.4116523	1.00E-04	1.00E-04	0.78391962	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.29432041
2.50765265	2.95974741	1.00E-04	2.68215963	2.55608928	1.61701701
3.67757094	3.74879458	1.40283744	2.01853395	2.37650193	2.28319968
2.54940184	1.96542472	3.80511829	2.32933539	3.19605442	3.33855226
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11579337	1.00E-04
0.89045422	1.66448766	1.00E-04	1.06953916	0.74484335	0.30661977
1.00E-04	1.00E-04	1.00E-04	0.56029689	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47015998	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64318133	1.00E-04	1.48710179	1.00E-04	0.92330654
0.24405756	1.00E-04	1.00E-04	1.72220389	1.73885333	1.24505135
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.36815119	1.36105558	2.85971753	1.78550197	2.14953214	2.60120369
1.31539568	2.21535513	1.00E-04	1.10922926	1.34217274	1.23469582
1.00E-04	1.00E-04	1.00E-04	0.9955558	0.65088498	1.00E-04
0.43421155	0.59074735	1.00E-04	1.00E-04	1.00E-04	1.17551386
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.68701705	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55626958
4.28534804	4.37882943	3.2593249	3.51787288	4.08568034	3.87337879
3.33685007	3.347017	2.40026336	2.62222172	3.53619225	3.57123244
1.00E-04	1.11965049	1.00E-04	0.86391047	0.60042801	0.12854881
1.02911926	0.78691146	1.00E-04	1.00E-04	0.25750812	1.92025525
1.00E-04	0.67158499	1.38754516	0.5252732	0.86612088	1.4541669
1.00E-04	0.92769294	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.88913444	3.25627179	1.40283744	1.93533365	1.65260419	1.88747346
1.4036021	1.05804417	1.30789632	1.547965	1.42080274	0.68390115

1.00E-04	1.01653285	1.40283744	0.6796518	1.06124432	0.70240592
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.41438246	1.00E-04	1.00E-04
2.90881914	2.63712238	3.55077317	3.91224496	4.53322219	4.80747151
1.00E-04	0.57217101	1.40283744	1.17575929	0.18945863	1.00E-04
2.83517714	3.03437485	3.12989164	2.89073923	2.75168579	2.68592485
2.65564041	3.19099591	3.13173132	2.82158049	2.33924923	2.79921251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.07524341	0.87710325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61402199
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
0.56681594	0.7494365	1.00E-04	1.00E-04	0.43110068	0.50428197
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.6068095	1.56652796	1.13376554	0.93723339
1.00E-04	1.00E-04	2.4747966	1.78322859	1.62119069	1.76537352
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19191379	0.34809675
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39776263	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92387651	1.00E-04	0.63849114	0.53996699	1.15507653
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91368659
0.62524679	0.38408963	1.00E-04	1.20135172	0.43156227	1.00E-04
1.12775855	1.00E-04	1.01811585	0.52738567	0.57479891	1.52090578
1.84089419	1.81258027	1.00E-04	1.00E-04	1.00E-04	0.40555046
1.00E-04	1.00E-04	1.00E-04	0.69282833	1.00E-04	1.00E-04
2.24475046	2.5470648	2.72386434	2.9832559	3.01940137	2.56111249
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64386001	1.33599704	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.69241499	1.00E-04	0.2878742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.96353252	2.45488771	2.04595548	1.41768681	2.12768969	1.87253726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02050576	1.00E-04
1.7688247	1.34216526	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.5301707	2.03362361	2.74709206	1.46076085	1.40644162	1.55845656
2.39486299	2.72564909	4.49375502	4.06259733	4.09879382	4.7263645

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70080878	0.54611412	1.00E-04	1.68157311	0.74773056	1.71672083
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.26197485
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87174089	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.70142941	2.80739383	2.27114601	2.31179171	1.81554097	2.82024222
3.37705581	3.518134	2.18505109	2.70844254	3.23135491	2.75309272
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54857924	1.1139612
1.00E-04	1.00E-04	1.00E-04	0.61001117	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.79667951	0.64822431
1.69181941	1.97935293	1.00E-04	1.00E-04	1.26993657	0.53800788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64826017	2.49844809	1.00E-04	1.00E-04	0.48631495	0.61312945
1.00E-04	1.00E-04	1.00E-04	0.48690722	0.1324183	0.13038568
1.00E-04	0.96122963	1.00E-04	1.00E-04	1.00E-04	0.86314901
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28404155	1.00E-04
0.92349562	1.00E-04	1.00E-04	1.00E-04	0.57479248	0.90735129
3.00251843	3.2379704	1.6068095	1.25648215	2.94896805	2.92945381
2.12179362	2.28715845	1.00E-04	1.00E-04	0.22725774	1.00E-04
0.89087135	1.00E-04	1.00E-04	1.00E-04	0.34078751	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.79667951	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.88257138	0.59964934	0.41953258
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.14053979
0.58826351	1.46248145	1.00E-04	0.60692892	0.21911936	0.64822431
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.59528506	1.00E-04
0.81402316	0.78691146	1.00E-04	1.00E-04	0.92895755	1.29480514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.76259626	2.08421616	1.25225899	1.48674592	1.46549969
1.00E-04	1.24248792	2.32722852	0.45991406	0.50118162	0.40278452
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16276316	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65372729	0.12854881
0.59691882	0.79487877	1.30986649	0.79830865	1.60595335	2.03996674
0.45216556	1.00E-04	1.00E-04	1.14887835	0.82424912	0.24433588
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.52812965	1.00E-04
2.01383617	1.96958486	1.40283744	0.30764686	1.52093047	1.61973634
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.85610172	2.26841249	1.98685244	2.91285258	2.35941172	2.63651693
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44175658
1.00E-04	1.00E-04	1.00E-04	0.66574538	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58408879	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05263374	1.3879466	1.00E-04	1.62827363	1.09441949	0.89034918
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59436393	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05315821	1.00E-04	1.00E-04	0.96899124	0.39919623	0.4625185
1.00E-04	1.00E-04	1.00E-04	0.58417725	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5929689	1.06225778	1.00E-04	1.00E-04	0.77903189	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.17530629	0.73710505	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72875181	1.00E-04
3.80820107	3.78253547	1.00E-04	2.49776025	2.19971275	1.69055509
1.00E-04	0.67526174	2.83211404	2.74996183	2.51276957	2.37034237
1.00E-04	1.00E-04	1.00E-04	0.49689352	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.51809791	1.00E-04
1.57388071	1.08240745	1.6068095	1.32126861	2.22192654	1.59529098
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.51521026	2.18388368	2.47502238	1.62466429	2.08144004	1.45590358
1.67831896	1.61271949	3.34069937	4.1116149	3.91986284	4.16485882
1.73216134	1.28311104	1.00E-04	1.06338441	0.5798326	1.00E-04
2.52940667	2.93258526	1.00E-04	1.30157787	1.39378052	1.23358083
0.84161507	1.58681496	1.00E-04	1.00E-04	0.38527324	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14939863	0.3708313	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.63913365	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.25536152	1.00E-04	1.43336368	0.13235227	0.49041951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.15921521	0.83288575	1.91723274
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.83086789	1.28316224	1.60095613	1.93837748	2.77268016
1.00E-04	1.00E-04	1.00E-04	0.58410459	0.10440683	1.00E-04
0.63771028	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69726576	1.39497533	2.77268999	1.32098743	1.59198672	1.70838581
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29591257
4.09708407	4.2817233	2.84577138	3.45016957	3.4493274	4.22622568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5021994	1.00E-04
1.00E-04	1.42935432	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64912806	1.00E-04	1.00E-04	1.00E-04	1.06203761	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.05335512	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77194867	1.00E-04
1.05618793	1.77411171	1.00E-04	0.87883913	1.76500493	0.70071688
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.47040502	1.00E-04
1.98017784	2.69676482	1.83013888	1.40278909	1.26554131	1.0785294
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.30986649	2.89634569	2.46426382	3.82326845
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1607157	1.00E-04	1.00E-04	1.08696602	1.01283388	0.68427479
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.74533832	1.35991455	1.00E-04	1.00E-04	0.21911936	0.58065815
2.7605568	2.53778933	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60784988	1.00E-04	1.30986649	1.00E-04	1.19461537	0.80572127
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.77866989	1.00E-04	1.00E-04	1.00E-04	0.63771785	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.43961201	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58160361	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.5153255	2.0270781	0.49689352	1.19261377	0.91780718
1.00E-04	1.00E-04	1.00E-04	0.72937106	1.00E-04	1.00E-04
1.10890296	1.00E-04	1.00E-04	0.46633175	0.83313319	1.00E-04
0.81617148	0.99481005	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70590282	1.33697554	1.06844428	1.97242701	1.72125037	2.05884854
1.00E-04	0.48794717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.11518827	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8473073	2.1450583	1.00E-04	2.2937647	2.21086125	1.74479499
0.49134585	1.00E-04	1.00E-04	1.00E-04	0.25750812	1.00E-04
3.03723549	2.80304548	1.00E-04	2.8960583	2.4675022	2.62279881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	2.72121776	1.9866921	1.99093307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.73243924	1.00E-04
0.79540363	2.12266161	3.87020252	2.44913804	2.92949093	1.32741789
1.19964418	1.0788233	1.28316224	1.74641575	0.91888915	0.82930538
1.23127163	1.39132235	1.00E-04	1.00E-04	1.51522203	0.51897771
1.00E-04	1.00E-04	2.46099858	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93603207	1.00E-04	1.00E-04	0.45991406	0.33052186	0.94638224
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68110686	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.1781211	3.47846417	1.00E-04	3.25724844	1.93833812	1.6802547
0.47900737	1.41514134	1.00E-04	0.30764686	0.0905788	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50204647	0.55036061
0.09415495	1.00E-04	1.00E-04	1.54462272	1.07696536	1.71179178
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.50028658	1.00E-04	1.00E-04	0.9676845	1.16716785
1.40165684	0.76259626	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36630267	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65593614	0.84928172	1.00E-04	0.98175528	0.32943408	0.39861583
1.00E-04	0.61419632	1.68391787	0.81392237	0.65690249	0.62848175
1.21875104	0.88624907	1.00E-04	1.00E-04	0.17637488	1.00E-04
2.86916691	2.05051994	2.39720977	2.43539275	2.19446069	1.94342243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57885604	1.00E-04
1.00E-04	0.57176089	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55708232	0.73911461
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44747489	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.71271034	2.06686265	1.00E-04	1.4637231	0.99878581	0.95097054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.40900588	3.12612984	2.08421616	2.14659274	2.88162658	2.8118141
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46104644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17470114	1.50060774	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.9380953	1.2624379	1.12997864
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34078751	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76033547	1.00E-04	1.00E-04	1.00E-04	0.58408879	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75035699	0.92995371	1.9503961	2.67635638	1.46783453	2.44205203
1.21096829	0.72050085	1.00E-04	1.00E-04	0.24021141	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.69648077	1.00E-04
0.55896898	0.8340328	1.00E-04	1.00E-04	0.12723689	0.16236604
0.52058037	1.00E-04	1.00E-04	2.02701419	0.12723689	0.43730888
0.5256597	2.0606988	1.00E-04	0.50062809	0.89335501	1.13998451
1.10896844	0.67526174	1.01811585	1.00E-04	1.30355944	0.48063511
1.96958881	1.20994887	1.00E-04	1.78271558	2.09059191	2.22787947
1.00E-04	0.45118201	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.66862807	1.00E-04	0.81392237	1.00E-04	1.00E-04
0.33863567	1.00E-04	1.00E-04	0.37250181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06579286	2.34245024	1.46133917	2.00153727	2.77554326	2.25376793
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1103442	0.44747489	1.00E-04	1.48211962	1.34422922	0.67387996
2.05024815	1.54207479	1.00E-04	1.89692103	2.11973679	1.04035034
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.4018319	1.90135618	3.01557901	1.70728542	2.49594727	2.04070753
0.45859847	1.08424027	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0544843	1.00E-04	1.00E-04	0.64315265	0.62299421	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.60024425	1.00E-04	0.19641509
0.9209661	1.18476004	1.00E-04	1.00E-04	0.57885604	0.6531
0.64966914	0.57077907	1.30986649	1.35765871	1.67802923	1.87260781
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68960272	1.00E-04	1.31723804	1.38286398	1.18452566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86430602	0.5449975	1.00E-04	1.00E-04	0.18229203	0.67633377
1.08018438	1.44902966	1.00E-04	1.00E-04	1.00E-04	0.62242987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.94814305	3.38624945	5.52766829	5.13962375	3.48031181	3.15542844
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.7537902	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17432951	1.76887634	1.89833233	1.46902499	1.14565851	2.01010703

1.00E-04	1.00E-04	1.00E-04	0.66641237	0.84033794	0.53054394
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.46633175	0.42274762	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.3214209	0.51809791	1.00E-04
1.00E-04	1.26333039	1.00E-04	1.00E-04	0.94469042	0.46112954
1.00E-04	0.58160361	1.00E-04	1.00E-04	0.49284633	1.00E-04
0.44413777	1.00E-04	1.00E-04	1.00E-04	0.32174827	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36612447	1.00E-04
1.00E-04	0.65326668	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38942087	1.65701604	1.00E-04	0.41871868	1.14780775	0.46873513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14317243
1.00E-04	0.68583034	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.76620686	1.00E-04	1.00E-04
4.10183018	4.09013158	2.32031219	2.30451942	3.16639125	3.512969
0.8866214	1.00E-04	1.00E-04	0.96538585	1.00E-04	1.00E-04
1.00E-04	0.62394601	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20946815	1.00E-04	2.08421616	1.47683457	0.3883143	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.1933915	1.00E-04	0.56131478
0.69016855	0.91565054	2.93922526	1.781118	0.69560525	1.52418994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.44307029	1.00E-04
0.61152103	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.03783094	1.07136354	1.00E-04	2.22057102	1.54083102	1.32210087
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81402316	0.37215976	1.00E-04	1.00E-04	0.17637488	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.22239422	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28854436	0.96767992	1.00E-04	1.03792202	1.60364764	1.05640788
1.01516537	1.15466214	1.00E-04	1.02039179	0.43852791	0.7700433
1.00E-04	0.87634654	1.00E-04	1.00E-04	1.00E-04	0.43066061
2.0695836	1.3617954	1.00E-04	1.52539309	0.86709311	1.70756067
1.11193429	0.90571514	1.00E-04	0.20501279	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5831663	0.14317243

1.00E-04	1.00E-04	1.00E-04	1.68360514	1.39186945	1.04843054
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60784988	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
0.29810286	0.62690381	1.00E-04	1.00E-04	0.78174922	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55132028	1.00E-04	1.00E-04	1.30475147	1.00E-04	1.00E-04
0.51731848	1.10555079	1.00E-04	0.79830865	0.32856524	0.25940884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.14848796	1.56160193
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.5864371	3.03327281	2.54080566	2.90051335	3.37420164	2.88261775
1.1935119	0.39496032	1.27996271	1.14411097	0.37087341	1.57033836
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.62668458
2.47167449	2.33980686	1.11518827	2.19375095	2.22326197	1.68085269
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91598364
1.00E-04	1.21746707	1.00E-04	0.80306694	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.58417725	0.32256591	1.74154621
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.71925526	1.00E-04	0.15557081	1.74667251	1.00E-04
0.53612888	1.00E-04	1.00E-04	1.00E-04	0.25750812	1.00E-04
1.00E-04	0.61145469	1.00E-04	0.49595628	0.49981427	0.77614432
0.27093267	0.55552765	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
1.52843461	1.00E-04	1.00E-04	1.17316312	1.09760431	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.18922121
2.45547639	2.12262443	2.22052728	0.66574538	1.96361719	1.4421408
3.38563602	3.45892083	1.00E-04	1.00E-04	0.50661898	1.88998934
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.094569	1.59547878	1.00E-04	1.04929893	1.63155498	2.13635797
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17649229	1.00E-04
1.50240907	0.82620255	1.00E-04	1.62178168	1.83675588	0.45304823
1.72373655	1.91828217	1.69994631	1.27883324	2.06480426	2.13848345
0.4220019	0.84620232	1.00E-04	1.00E-04	1.08477783	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44347704

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.88563595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62872675	0.9989809	1.00E-04	1.00E-04	0.61749663	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.49595628	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.79306028	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.40836194	1.00E-04	1.00E-04	1.23611578	0.43189376
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.08089243	1.64283461	1.00E-04	1.1193553	0.97197028	0.62007156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16793254	0.91598364
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70030065
1.11623539	1.00E-04	1.00E-04	1.00E-04	0.87204808	0.43066061
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45833532	0.56874469	2.26668789	0.65114092	0.63359794	0.82289319
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
5.11274187	5.06603319	3.70275689	3.69987992	4.87552047	4.57706767
1.00E-04	1.00E-04	1.00E-04	0.56029689	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.54611412	1.00E-04	0.60263629	0.12413672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94942514	1.00E-04
2.2048227	2.44544896	3.43103479	4.33278781	4.41636474	4.84094207
2.39466723	2.52118206	2.39198598	3.28018363	3.14718287	3.06707451
0.52058037	1.00E-04	3.38663524	1.83620333	1.883318	1.13077282
1.00E-04	0.57543231	2.22351578	2.54128313	2.23087423	1.74023062
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34078751	1.23053819
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3229548	2.54282509	2.58454605	3.45577788	2.51280754	3.02593878
1.00E-04	1.69163582	1.00E-04	0.37082421	0.47506551	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.76620686	1.00E-04	0.29591257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.91640475	1.00E-04	1.00E-04
2.26155298	1.56901028	1.00E-04	1.62480017	2.40431508	2.40696897
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.54611412	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62302186	1.00E-04	1.00E-04	0.25428292	0.50776922	1.00E-04
1.00E-04	1.04947162	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.87818918	1.92736101	1.49210505	0.14912336	1.840703	0.70013757
0.60708278	1.16383564	1.82528077	1.81917684	1.70218351	1.85914757
1.00E-04	2.21232357	1.00E-04	0.55437397	0.92881921	1.09088927
1.36958652	2.1671715	1.00E-04	0.15557081	1.69196482	1.19471821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23455128	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.86953679	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.06844428	1.20471829	1.57022863	2.04132403
1.00E-04	1.00E-04	1.00E-04	0.44711858	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.91427044	0.50776922	1.00E-04
4.69751032	4.70280866	3.31572243	3.51324577	3.67341955	3.46322981
1.27395902	1.49742995	1.00E-04	1.95328309	1.05151815	0.61875526
1.00E-04	1.39182283	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4460676	1.81325323	1.00E-04	2.01840594	1.59098754	2.31204395
0.88011859	1.02944032	1.00E-04	1.31497989	1.00E-04	0.52817393
1.00E-04	1.00E-04	1.00E-04	0.57243387	1.00E-04	0.68761806
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.89715866	0.61891142	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77340534	1.05673713	1.00E-04	1.29671712	1.08371791	0.84139935
1.30482548	1.13102834	1.00E-04	0.73203348	1.68333825	1.28286264
1.4371948	1.78178509	1.00E-04	0.62193118	0.69558204	0.47755314
1.00E-04	0.50028658	1.00E-04	1.18797116	1.00E-04	0.53812177
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68117532	1.81218793	1.00E-04	1.17465723	1.45522633	1.93796744
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17649229	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56352431	1.00E-04	1.06297333	0.95177741	0.97093798
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.78264478	0.34078751	1.00E-04
1.00E-04	0.90118311	1.00E-04	0.24575289	1.35991383	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.3340074	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57506768	1.00E-04	1.00E-04	0.94049252	1.00601782	0.61506061
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44777316	1.00E-04	1.00E-04	1.00E-04	0.13038568
0.37484237	1.00E-04	1.00E-04	1.39634231	1.73771898	1.81530087
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.10142092	1.00E-04	1.00E-04	0.6251947	1.2150724	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.06699567	1.49568259	1.16833313
1.00E-04	0.55253127	1.00E-04	0.50430847	0.83839337	1.00E-04
3.29961632	3.33506853	1.00E-04	1.00E-04	1.21028934	0.8007554
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74703786	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24834324	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.16703593	1.00E-04	0.25428292	0.57120412	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14043591	1.00E-04	1.00E-04	0.91883416	0.17637488	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86651014
1.00E-04	0.98346796	1.90370108	0.46633175	0.87074704	2.32127791
0.52058037	1.34375076	1.00E-04	1.00E-04	1.00E-04	0.72644607
3.12693048	3.17810252	2.98447717	3.65223141	3.3614605	3.0040938
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78860226	0.63913365	2.54080566	0.14912336	1.36112939	1.00E-04
0.60708278	0.58441889	1.00E-04	1.00E-04	1.00E-04	0.53800788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19517327	1.50897647	1.00E-04	1.16430846	1.00E-04	2.97305951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87639551	2.96759533	3.2808816	3.62955124	3.1020424	3.11320127
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44197566	1.00E-04	1.00E-04	0.25428292	0.6314521	1.00E-04
0.78860226	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88715028	0.6463312	1.00E-04	0.78339715	0.88914424	1.32368052
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55880742	1.00E-04	1.00E-04	1.00E-04	0.43991426	0.4683059

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91945114
1.70127388	1.82920989	1.00E-04	0.98496186	1.62047307	1.44526947
0.65954744	1.00E-04	1.00E-04	0.78559119	0.41944902	0.72915356
1.00E-04	1.00E-04	1.00E-04	2.48253925	1.76520069	0.30974433
1.00E-04	1.00E-04	4.32560265	4.34091136	4.19742872	4.00696732
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5798625	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.43667432	0.23239377	0.44290942
0.54975373	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37624481	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49592013	0.77949238	1.00E-04	1.4967992	1.44175235	2.21837145
0.16178697	0.39496032	2.46682134	1.37602516	0.78402165	1.54813268
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04853549	0.79837719	1.00E-04	0.89426396	1.22914657	1.34526328
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.0739577	1.86271682	2.48678895
1.00E-04	1.00E-04	1.00E-04	1.01227819	0.98658849	0.30661977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57026941	1.00E-04	1.00E-04	1.16688095	0.61759657	1.00E-04
1.00E-04	0.45495213	1.27996271	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75334019	1.00E-04
1.00E-04	0.67158499	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.09084782	3.77488631	1.00E-04	2.79516457	3.65760183	3.7366372
1.00E-04	1.00E-04	1.00E-04	0.99320316	0.75252429	1.06609897
4.46386872	4.54664815	3.74299134	3.84455942	4.11539484	4.3387747
1.46406428	1.00E-04	2.99431467	3.70822202	2.88152472	1.94421562
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86314901
1.00E-04	1.00E-04	1.00E-04	1.10303594	0.16276316	0.3703169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09208593	2.48552748	1.00E-04	1.63736222	2.85958643	2.48629212
1.06727331	0.60883144	1.28609943	0.96008477	1.13532006	0.85128335
1.00E-04	0.75942396	1.00E-04	1.00E-04	0.18945863	0.93227121
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.69879753	2.85763492	2.08421616	2.92798115	2.0794884	2.52810267
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.64518057	0.24251465	1.00E-04	1.00E-04	0.92039348	1.00E-04
0.83244705	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18091809	2.23261166	1.00E-04	0.52878531	1.27523454	1.05101125
1.00E-04	0.48913524	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.05629411
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22607674	2.04818836	2.7269633	0.56029689	1.50983123	1.69206858
3.8518344	3.87043356	2.18838886	2.57532955	3.49420729	3.49761904
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21911936	1.24838485
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70409977	1.29868234
0.94343492	1.28598951	1.00E-04	0.67325668	0.60299541	0.68727927
1.00E-04	0.67284418	1.42763756	1.79366405	1.89002491	0.71592906
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62581593	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49134585	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69088653	1.13551965	1.00E-04	1.56899543	1.37968703	1.13598031
0.74143003	1.00E-04	1.00E-04	0.67915539	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.12625382	1.00E-04	0.3321585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58345775	1.00E-04	1.00E-04	0.72267013	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90609459	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07681892	2.7055478	2.5497319	2.35819352	2.61375856	2.92339759
1.00E-04	1.00E-04	1.00E-04	0.37082421	0.12723689	1.00E-04
0.90609459	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73382961	1.70733911	1.00E-04	0.9039174	1.5924966	1.09374491
1.00E-04	1.23314806	1.42763756	1.00E-04	0.1324183	0.21329315
1.00E-04	0.7518857	1.00E-04	1.00E-04	0.16448447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.64072519	0.11783267	1.00E-04
3.15332647	2.70971555	1.28609943	2.41031394	1.57000217	1.30834727
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.8177845	1.5301169	1.9503961	1.9692424	0.95806138	2.73215097
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21911936	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44175658
1.00E-04	1.41179434	1.00E-04	1.00E-04	0.22725774	1.00E-04
0.77562963	0.87634654	1.00E-04	1.00E-04	1.00E-04	0.62204603
0.96937906	0.69136595	1.00E-04	1.86130713	1.04700701	0.30913278
1.01054954	1.55458311	1.11518827	2.18752108	2.60671036	2.4912762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34442516	2.18270788	2.54489679	2.22274591	2.48912605	1.69117333
1.55610277	0.86961246	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29591257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91754055
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35063257	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45013729	0.86067462	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.60060664	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22713799	0.75315821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94714067	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22725774	1.00E-04
2.19484418	2.1606357	1.00E-04	1.56578419	2.01046053	1.6488647
0.37624481	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.11942555	4.39373508	1.00E-04	1.00E-04	0.76633327	0.48971388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.45885162	3.6745876	3.38321046	1.33655121	2.27352786	2.14826019
0.33160481	1.21937076	1.01811585	0.76817156	1.09094303	1.69251299
1.82077761	0.98731233	1.00E-04	0.92635806	0.39243262	1.05218883
1.55814956	2.67676987	1.06844428	2.12929343	2.59397118	2.64650376
2.17627063	2.87915698	3.59555417	2.46639216	3.00932428	3.3557036
3.07946588	3.02803134	1.01811585	2.76659413	3.45048291	3.15515455

1.00E-04	1.00E-04	1.00E-04	0.60692892	0.80295674	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43600786	1.00E-04	2.1518079	1.19423412	1.01384088
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.76825397	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06165852	1.56620438	1.00E-04	2.72011809	0.8551819	1.15058307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.98654195	0.60529612
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54572308	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47462842	0.97327174	3.03588871	1.86242366	2.14091515	2.64572609
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57077907	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58776477	2.17898061	1.30986649	0.7683823	2.24493959	1.72005022
1.64837052	2.39613741	1.00E-04	1.00E-04	0.7787459	0.94159908
1.00E-04	1.00E-04	1.00E-04	0.4266763	1.00E-04	1.00E-04
1.73894666	2.38945407	1.97900798	2.98304791	2.30884442	2.00197321
0.09292159	0.85551867	1.00E-04	1.00E-04	1.00E-04	1.17619104
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.96139204	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.07702376	1.00E-04	0.63389895	1.00E-04	1.00E-04
1.26652651	1.00E-04	1.00E-04	0.91649793	1.58446094	1.57426838
0.81402316	1.00E-04	1.00E-04	1.0381667	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24405756	1.00E-04	1.00E-04	0.48223216	0.22206006	1.00E-04
2.89689186	2.74645334	1.00E-04	1.97792616	1.29845713	1.51837517
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.38754516	2.23146939	2.7853205	2.92397183
1.00E-04	1.00E-04	1.00E-04	0.72536601	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.6068095	0.4783264	1.00E-04	0.30913278
1.11935973	0.98610657	1.00E-04	0.70892528	2.31742404	1.83112065
1.69827661	1.68146853	2.37523392	1.02119844	0.33307364	1.49543595

1.00E-04	0.87634654	1.00E-04	0.24575289	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46570086	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.35585701	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.566323	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62080191	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27093267	1.00E-04	1.6068095	0.69437525	1.44906538	1.04057345
2.2269079	2.09873399	1.06844428	1.0206879	2.11232208	2.16653085
0.54975373	1.00E-04	1.00E-04	1.71249395	1.60406895	0.13067397
1.3943624	0.81565068	1.38754516	2.17606231	2.15182103	1.76549107
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18372297	1.6813975	2.42567635	2.88512682	2.07560518	1.70511279
1.00E-04	1.00E-04	1.00E-04	0.63849114	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21911936	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.88032609	0.31877834	2.63049676
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37506193	0.83218292	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89087135	1.00E-04	1.00E-04	0.81161137	1.00E-04	0.60360132
1.00E-04	1.00E-04	1.00E-04	1.46311564	1.95697062	1.83857038
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74773056	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74289333	1.00E-04
2.04395262	1.78084144	1.00E-04	1.35174532	0.95255322	0.83750974
1.95390418	2.53583768	1.00E-04	2.53940235	2.49095576	2.42015282
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.27996271	0.54938023	1.00E-04	1.00E-04
0.58683111	1.26318349	1.00E-04	1.00E-04	0.57479248	1.20074762
3.18526127	2.69110494	1.06844428	1.93779116	2.78968903	2.63261925

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11579337	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58339192	1.00E-04	0.43961201	1.00E-04	0.67633377
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1826159	0.13067397
0.49134585	1.00E-04	1.00E-04	1.00E-04	0.6471409	1.00E-04
1.74476781	0.5153255	1.00E-04	1.00E-04	1.21400823	0.60360132
1.68073675	2.56871521	1.70608413	0.54257401	2.28045327	2.5427199
1.30313572	1.72641605	1.00E-04	1.84138356	0.71851874	0.40278452
0.62080191	1.00E-04	1.00E-04	0.4783264	0.24760841	0.99914852
0.65902974	1.84638419	1.30789632	0.83398909	1.31370819	1.0138551
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32943408	1.00E-04
0.27093267	0.65326668	1.00E-04	1.00E-04	1.00E-04	1.02021013
1.00579552	1.248174	1.00E-04	1.53661974	1.16664419	1.03535659
1.00E-04	1.70807591	1.00E-04	0.58468642	1.69976765	1.19804302
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.99585509	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21289605	1.00E-04	1.00781832	0.35420502	0.47766366
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33004234	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.77721523	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81156129	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.16946023	2.5414551	1.00E-04	0.30764686	0.56634604	0.92594064
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48564151	1.00E-04	1.00E-04	1.00E-04	0.23269493	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.91673018	2.06596253	1.77261025	2.14434057	2.01612991
1.00E-04	1.00E-04	1.00E-04	0.75725904	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.51593016	0.56648379	1.00E-04	1.00E-04	0.11579337	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71020935	1.00E-04	0.61001117	0.36639306	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5256597	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0888304	0.59074735	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.36607432	1.00E-04	0.73342256	1.30124564	0.24433588

2.09132019	2.34962903	1.99302242	2.15011832	2.69472228	2.86217351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44102711	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.85117793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.32289509	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.65326668	1.38754516	1.75514656	1.00632857	0.88624785
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65944691	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77562963	0.40836194	1.00E-04	1.00E-04	0.57759553	0.46112954
1.00E-04	1.00E-04	1.00E-04	0.67915539	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.96735064	1.00E-04	0.54828133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36639306	0.30047008
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.87634654	1.00E-04	1.00E-04	0.20423532	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
0.15907666	1.00E-04	1.00E-04	0.88239944	1.25562446	0.69558809
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.90577565	1.00E-04	1.00E-04	0.80865502	1.00E-04
0.97039231	0.86997021	3.43069166	2.1089113	1.5198409	2.69678291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.89027572	2.8545382	1.00E-04	2.42467097	2.01719461	2.97187972
1.94577838	0.44777316	2.32722852	1.82938897	1.78582158	1.07109315
1.00E-04	1.4436693	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24251465	1.00E-04	1.00E-04	0.60831906	0.99382282
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65161965	1.00E-04
1.8199719	0.77240475	2.18505109	2.01060867	1.10376895	1.43518073
1.46485375	1.19483404	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62504333	0.41409474	1.00E-04	1.00E-04	1.00E-04	0.42453033
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.71119643	0.95125986
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2462289
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55552765	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.06844428	0.76506038	1.13037039	0.3321585
0.4620769	1.57434563	3.0785211	1.91252123	1.49077726	1.00575043
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.52319676	1.00E-04	0.11783267	0.62242987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73211662	1.21484711	1.00E-04	0.91996008	1.00E-04	1.29236826
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41695034	3.21373076	3.19652283	4.18674421	3.66528329	3.79174012
1.00E-04	1.00E-04	1.00E-04	1.41906105	0.72164142	1.55187913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53888819	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04
3.42176999	2.40813436	1.00E-04	2.84442844	3.46268837	3.21887035
0.9638158	0.566323	1.27996271	1.00E-04	0.95757605	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.203087	3.16243726	3.08251179	3.45064747	2.42523195	3.50431736
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.9503961	0.37082421	1.00E-04	1.00E-04
1.4568197	1.81760544	1.6068095	1.98355083	1.72156464	1.26023694
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.26761392	3.20197344	3.54212433	3.35388487	3.47828444	3.74375631
1.00E-04	1.00E-04	1.00E-04	0.58468642	1.00E-04	1.00E-04
1.11373379	1.78764292	2.14568035	2.14879164	2.36816243	1.07781206
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	2.52859072	1.22942894	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6319347	1.00E-04	1.00E-04	1.00E-04	0.41749904	0.64719166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17266776	1.00E-04	1.00E-04	1.00E-04	0.47957636	1.00E-04
0.61152103	1.86702645	1.46133917	2.28447376	1.85735083	2.3115106
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93631321
1.47360492	1.53852628	1.42763756	1.46635566	0.45920326	0.9279387
1.00E-04	1.00E-04	3.98583502	2.8719679	3.27228515	3.4814034
0.52523255	1.86338077	1.6068095	1.00E-04	0.68412135	1.20527357
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.94769984	3.28178817	1.30789632	3.77916435	3.87676245	3.69503398
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.90571514	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33099482	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.15907666	1.44522697	1.00E-04	0.95767077	0.547381	0.5632485
2.38594647	1.84979491	1.51203435	3.23144241	3.4472137	2.62182461
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47010325	0.37215976	2.67294108	2.20245024	2.89928314	3.43750323
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.00E-04	1.00E-04	1.00E-04	0.76620686	0.84990458	1.00E-04
0.82204417	1.00E-04	1.00E-04	0.6143799	0.81124734	0.97494989
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.57378127	2.63843285	1.40283744	2.27969491	2.59482028	1.82153819
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46739644	1.00E-04	1.00E-04	0.84528238	0.15137331	1.45465657
1.67789549	0.93528997	1.00E-04	1.4999547	1.24552286	1.05172052
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.60717828	4.73641727	1.00E-04	1.81707979	0.802003	1.89686569
0.5798625	0.87767725	1.01811585	1.00E-04	1.00E-04	1.00E-04
5.92114701	5.58664207	5.7950555	5.53225027	5.97175699	6.1196896
1.73658498	2.43131834	1.00E-04	1.3712562	2.35463733	1.76814315
3.38215541	3.16977087	1.00E-04	1.14323499	2.14647154	1.49085319
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.79445407	1.42240606
2.51996324	2.15528659	2.08421616	2.17456753	3.04499407	2.64164429
0.79377033	0.56352431	1.38754516	1.64278294	1.09443491	0.69076654
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13022623	0.79837719	1.00E-04	0.58468642	1.6735822	1.00E-04
1.26814906	1.16384923	1.00E-04	1.38978844	1.19486709	1.17506459
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91699449
1.64008791	1.94298766	1.27996271	1.86606719	2.10963529	2.03607117
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.40283744	1.58015992	1.68409717	0.77781358
4.63604916	4.22211676	5.73622697	6.46458341	6.29963525	5.40965247
0.93313963	1.00E-04	1.00E-04	1.77051159	1.70946749	1.10035801
2.54037697	1.20451413	2.37413569	2.06699164	2.19292118	1.53448772
0.96868533	1.21470893	1.00E-04	1.30301139	1.04282307	1.00E-04
0.19948536	2.49468899	1.01811585	0.28453275	1.52338654	0.9308818
1.00E-04	1.00E-04	1.00E-04	1.5790669	1.42003171	1.69944274
1.46017538	0.62999079	1.00E-04	0.75133275	0.716058	1.11409256
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62408824	0.68179762	1.00E-04	0.61790071	1.07505802	1.15796985
2.82185379	2.77896288	1.00E-04	0.91493539	2.29968256	1.01047183
0.33099482	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.98340995	0.25216623	0.91091964
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.27629212	3.06569873	4.70921357	4.90794564	5.02256314	4.57825774
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.73342256	1.05429246	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	0.46104644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48060402	1.72811339	1.27996271	1.00E-04	1.2395148	1.76536259
0.67325245	1.00E-04	1.00E-04	0.72536601	0.83218292	0.16565788
1.00E-04	1.00E-04	1.00E-04	0.53821433	0.35400979	1.00E-04
2.51814863	2.06672123	1.00E-04	1.00E-04	0.56508007	0.53812177
1.55033857	1.92814309	2.68046867	2.07232348	2.79047052	3.39081664
1.00E-04	0.95026982	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87853148	1.57108763	1.00E-04	1.07353818	0.43090331	1.5288155
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66023508	1.00E-04	1.28316224	1.00E-04	1.00E-04	0.14485168
3.07384969	3.60235467	2.56578599	2.88613202	3.38787211	3.71131675
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.71307202	0.62571237	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42455119	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13427639	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46253117	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30047008
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	1.00E-04
1.00E-04	0.75203029	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94960768	1.00E-04	1.06844428	1.79371878	0.77271669	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.01847039	0.56325955	0.13067397
1.82213127	2.01567121	1.00E-04	1.43573765	1.36513616	1.83783669
1.85734719	1.31917442	1.00E-04	1.60348627	2.12347766	2.12510243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21464768	1.74993273	1.52319676	1.79059606	1.00E-04	1.00E-04
1.67070894	1.86808578	1.00E-04	2.03997322	2.14448267	2.04227356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.0351123	0.15499183
0.71720198	1.27517282	1.00E-04	1.00E-04	1.00E-04	0.30661977
1.00E-04	1.00E-04	1.00E-04	0.75725904	0.5761075	0.42693264
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56456051	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21206384	0.68583034	1.11518827	0.43961201	1.94434831	2.0304675
1.00E-04	0.86453657	1.30789632	1.00E-04	0.27564669	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62504333	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.67126623	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49725216	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45390172	1.04920161	1.00E-04	1.51681041	1.12737386	1.50565769
3.63431396	3.43965568	3.13135259	3.62928563	3.59472933	3.56686119
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46104644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.03028643	1.16935139
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.97219021	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07469821	0.48013639	1.30789632	1.00E-04	0.41749904	0.74054048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58271857	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14317243

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73803443	3.00536104	1.82687244	1.79142458	2.7336955	2.79172498
2.267052	2.01807425	1.74110187	1.37963301	1.37725225	1.61098508
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.49811538	1.29750364
1.00E-04	0.76134638	1.00E-04	1.00E-04	1.00E-04	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4365896	1.00685716	2.46099858	1.11758476	1.00E-04	1.27448864
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55591422	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.78945125	1.32605712	1.40283744	1.29532075	0.85001781	0.7866228
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45216556	1.00E-04	1.00E-04	0.56399031	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21911936	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.69749125	3.71902441	2.85383956	3.20643087	3.46519382	3.06301001
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45121182
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.52692844	1.93303049	1.00E-04	1.14928347	2.40719008	1.62883302
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
0.68349296	0.50399332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37284702	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47342508	1.78388696	1.00E-04	1.00E-04	0.33004234	0.68390115
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39448142	1.00E-04	1.00E-04	0.60372301	1.0739569	1.00E-04
3.14652225	2.64642669	1.85693283	1.88504076	1.00706123	2.4369188
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.98946001	1.90346627	1.99016435	2.40530393	2.40783277	2.41450126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55591422	2.16483827	1.00E-04	0.61755928	1.00E-04
3.08026002	2.72979468	1.84921664	1.86749265	3.10706207	2.91189553
1.00E-04	1.46843379	1.00E-04	1.00E-04	1.11092235	0.49041951

1.33115315	0.79820363	1.01811585	0.95166974	0.88241171	0.73731861
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.2698509	3.59295276	2.03930427	1.14116972	2.36765961	2.44829557
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64318133	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.66862807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75023767	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65519325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.79443229	0.15499183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50713444	1.25851837	1.00E-04	0.95864566	1.41159835	0.90996461
1.61845809	1.70775698	1.00E-04	1.51377633	1.42807006	0.38032321
1.00E-04	1.00E-04	1.00E-04	0.25428292	0.11579337	0.58814746
1.6743271	2.06261165	1.00E-04	1.18568952	2.22069672	1.86568142
1.13532733	1.00E-04	1.00E-04	1.00E-04	0.9027859	0.45121182
2.64938329	2.58457528	1.00E-04	1.54949242	2.43282198	1.81523617
4.82653979	4.94442164	3.33425427	3.31219645	4.45316609	4.26288689
1.00E-04	1.00E-04	1.00E-04	0.4783264	0.54651002	1.00E-04
1.00E-04	1.24504499	1.00E-04	1.00E-04	0.45476287	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.7005289	2.77257259	1.06844428	1.88659455	2.9460716	2.30690476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44102711	1.00E-04	1.00E-04	1.00E-04	0.33052186	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99345872	1.2934318	1.00E-04	1.99488859	0.12723689	0.93414677
1.00E-04	0.75289907	1.00E-04	1.00E-04	1.00E-04	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64176485	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.16040908	1.00E-04	1.00E-04
1.47985561	1.89783317	1.00E-04	1.25414577	0.84780398	2.13885997
4.5764834	4.72997958	2.43001675	2.32151065	4.21334799	3.73456965
1.00E-04	1.00E-04	1.40283744	1.00E-04	1.00E-04	1.00E-04
2.34983976	2.76335707	1.00E-04	1.3220027	1.55654422	2.48375437
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37325883	1.52192066	1.00E-04
3.33060009	3.64130026	3.0985622	3.26893818	3.48462677	3.70735614
1.00E-04	0.50399332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85294199	1.04888333	2.52228149	1.00E-04	0.59956295	1.62977328

3.35717921	3.78205409	3.57240927	3.74228272	3.17934991	3.31980257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56637349	2.11921743	1.00E-04	2.94062077	2.39085308	3.37365129
2.73662166	3.28378882	2.91218317	2.4403422	2.80858628	2.43522814
3.47776148	3.11298638	2.53746123	2.14728024	2.92372386	2.51538731
1.00E-04	1.06139066	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67265997	0.86453657	1.00E-04	0.14912336	0.74341505	1.00E-04
1.50280331	1.63812588	1.00E-04	2.55058144	2.69107465	2.36898136
1.08944999	0.3972097	1.00E-04	0.41871868	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45923658	1.00E-04
1.00E-04	0.86961246	1.00E-04	1.00E-04	0.49392672	0.62204603
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13427639	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14044462	1.40303998	2.04595548	1.05040313	0.70198643	1.90854492
1.92578864	1.33793955	1.00E-04	1.87678553	1.09402479	0.40762784
1.00E-04	1.00E-04	1.38754516	1.00E-04	1.00E-04	1.00E-04
0.44197566	1.00E-04	1.00E-04	0.41438246	0.26667853	0.65124634
1.00E-04	1.00E-04	1.00E-04	0.6000906	0.16448447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30787506	1.50395213	1.00E-04	1.00E-04	1.00E-04	1.57825496
0.1163586	0.74088902	1.00E-04	0.51813993	0.43014706	0.36051234
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32854769	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66023269	1.62437308	1.00E-04	2.07281513	2.95416016	2.47659758
1.00E-04	0.55591422	1.00E-04	1.00E-04	0.36768147	0.26767025
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.49595628	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.61457452	0.16793254	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.96217298	0.95976626	0.89181588
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.61145469	1.00E-04	0.39596165	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.92796704	0.9027859	1.24123248
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37771766	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83244705	1.00E-04	1.00E-04	1.00E-04	1.17150769	1.00E-04
1.81477961	1.49461053	1.28609943	2.26660575	3.0149545	2.39715943
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57696471
1.12502181	1.00E-04	1.00E-04	1.00E-04	0.35063257	0.81097566

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24575289	1.00E-04	1.00E-04
1.10409023	1.2870102	1.00E-04	1.00E-04	0.76108124	0.13038568
0.37624481	1.45229864	1.00E-04	1.00E-04	0.67182388	0.40555046
1.32729321	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56432383	0.87442949	1.00E-04	1.00E-04	0.96378195	2.72512521
1.66669634	2.37084814	2.62687398	2.76292643	1.93544954	2.22057783
0.77866989	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67318844	1.00E-04	1.02862115	0.55632674	1.00E-04
2.03435189	0.55653387	2.40739645	0.84795898	1.60295299	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.19174389	0.80698642
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66694363	0.9557268
1.20496198	0.4932192	1.28316224	1.49711288	1.91968495	1.45355218
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73915081	2.13755414	2.52228149	0.5252732	1.18678144	1.62130535
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29810286	0.4887782	1.00E-04	1.00E-04	0.11783267	1.00E-04
1.00E-04	0.60883144	1.00E-04	1.00E-04	1.00E-04	0.90928227
1.00E-04	1.21050087	1.00E-04	1.10829519	0.94108538	0.74704602
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32608229	0.55552765	1.00E-04	0.54676642	1.00E-04	1.00E-04
1.00E-04	0.87499895	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.57280397	1.49199673	1.78117254	1.00E-04	1.30976915	0.74014665
0.47422388	0.43600786	1.00E-04	1.30422062	1.8037248	1.49580366
2.37583166	0.96496564	2.78904466	2.34600331	3.26283292	2.06150704
2.59372353	2.26916295	2.88193701	1.96321294	3.14607404	3.67673412
1.7932229	2.04550806	1.9503961	1.24917646	1.71787589	1.17728353
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35590345	3.26460663	2.19647721	2.76452207	2.83451142	2.34269346
1.12696862	2.00053162	1.30789632	0.58410459	0.39916426	1.00E-04
0.57506768	0.8918081	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57077505	0.45495213	1.00E-04	1.00E-04	1.09208614	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.62209038	1.68463099	1.00E-04

0.94114725	1.00E-04	1.00E-04	1.00E-04	0.65944691	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37724529	1.00E-04
3.42137091	3.02314753	3.22366594	2.80077683	3.3462636	3.56947135
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9089619
1.00E-04	1.00E-04	1.30789632	1.11758476	0.9027859	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.78961734	1.00E-04	1.00E-04
1.53648964	1.55689007	1.00E-04	1.00E-04	0.75337209	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.43945213	3.70933305	2.69525548	3.26894849	3.99622447	3.8652305
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46253117	0.99114509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40278452
1.30129312	0.80919643	1.00E-04	1.11758476	1.85064586	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.99168185	1.00E-04	1.00E-04	1.05644549	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95686491	1.36090299	1.00E-04	0.95537362	0.35961689	1.45908901
3.1594214	3.03530449	3.19672521	2.91877676	3.01654503	2.57739699
0.67265997	1.00E-04	1.00E-04	1.00E-04	0.71140899	0.54512562
0.7048471	0.61715521	1.00E-04	0.51142845	0.33307364	0.98973561
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72950121
1.00E-04	0.73406994	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.70638095	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.50469062	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.68902433	1.34686833	0.78534928
2.40285309	2.13380214	3.23798178	1.79183151	2.35062118	2.87405647
0.55880742	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40515069	1.36654002	1.00E-04	1.16661968	1.4518261	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67013018	0.96919593	1.00E-04	1.00E-04	1.00E-04	0.62204603
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77194867	1.00E-04
1.63581881	1.28182756	1.00E-04	0.9345376	0.61660214	1.30453447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06466436	1.00E-04	1.00E-04	0.86391047	0.68682406	0.38874354
1.11193429	1.073439	2.5825852	0.83348722	1.04432828	0.91460909
2.46860435	2.54101731	1.00E-04	2.42091675	2.99833443	2.54891423
1.00E-04	0.3708313	1.00E-04	1.00E-04	0.68833111	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9178873
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43028886	0.92034108	1.46133917	1.00E-04	0.84907503	1.35130667
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77481694	1.23266147	1.00E-04	0.92745682	0.85776401	1.44539779
0.98370986	1.41814476	1.00E-04	1.00E-04	1.21104403	0.67687485
1.00E-04	0.918413	1.00E-04	1.1506564	1.00E-04	1.45624082
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64240897	1.22844617	1.00E-04	1.72576518	0.69692427	0.87639827
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72825032
0.8866214	0.63240236	1.00E-04	1.00E-04	0.31853502	1.00E-04
0.30980585	1.00E-04	1.00E-04	1.00E-04	0.77194867	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.038029	0.5011611	1.00E-04	1.3496574	1.22682072	0.27250157
1.00E-04	0.62581593	1.00E-04	0.58318211	0.68614351	0.26839031
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3336186	1.69109253	1.00E-04	1.49807344	0.95756857	0.83648377
1.73972548	1.77219268	1.00E-04	1.81760247	1.00E-04	0.45121182
1.0946388	1.00E-04	1.46133917	1.48828326	0.83559892	1.43504791
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80336982	0.30433976	1.01811585	1.95438053	1.68697812	0.50428197
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.9903641	5.12368289	3.7181963	2.86855033	4.93797666	4.53357045
0.59306014	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1826159	0.40647189
2.49950843	1.32736533	3.72339442	2.80201554	3.04873676	3.07088835
0.1163586	1.00E-04	1.00E-04	1.00E-04	1.72826588	0.91945114
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10191549	2.84844523	3.61228516	2.10486182	2.80147343	2.47652443
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.60204832	1.42375336	2.74892491	1.57100157	2.38379464	2.37850163
1.31690547	2.32668296	1.6068095	1.00E-04	1.83369226	0.60721193
0.97764589	1.20022117	1.30789632	0.54842099	0.24191115	1.93437227
1.00E-04	0.7494365	1.00E-04	0.95659782	1.00E-04	1.00E-04
3.02310518	3.45925578	1.00E-04	0.66722745	1.7882112	1.12291461
0.85052667	2.70571852	1.00E-04	1.05871514	1.00E-04	0.52817393
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.20151443
1.39784287	1.13226275	1.27996271	1.92750232	2.38643222	1.51359268
1.00E-04	0.55253127	1.00E-04	1.00E-04	1.00E-04	0.12854881
1.37942545	1.71880687	1.8966041	1.76418325	1.56750454	1.44384413
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41749904	1.00E-04
2.02754005	2.33126408	1.00E-04	1.00E-04	0.82348092	0.30913278
1.00E-04	0.66275613	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49240339	1.00E-04
0.2866935	1.00E-04	1.00E-04	1.00E-04	1.20955399	1.00E-04
0.94794869	0.87634654	1.00E-04	1.00E-04	0.13427639	2.06108711
1.68527332	1.49621869	1.70608413	2.16290172	2.43889503	2.22391072
1.00E-04	0.43785363	1.00E-04	0.59574527	1.00E-04	1.00E-04
1.71954653	2.35933347	1.00E-04	2.02238387	1.8981398	2.31522435
2.21938765	2.90821016	1.00E-04	1.96291381	1.41143745	2.10240265
1.00258872	1.00E-04	1.00E-04	1.00E-04	0.86532772	1.00E-04
0.85429414	1.95725107	2.47621138	1.20834482	1.79317381	2.07980615
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44413777	0.894086	1.00E-04	0.87693458	0.82747316	0.40441147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.76418363	2.42116723	1.00E-04	1.83142605	2.52008557	2.11766794
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93414677
2.2165386	2.10927545	2.18025638	1.7810515	1.95441071	2.20079622
0.44102711	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.79823518	2.86501822	1.00E-04	1.00E-04	1.00E-04	1.32880924
2.82000628	2.69988331	2.61207903	2.80683839	3.0624367	3.40172615
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.98725589
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4365896	1.00E-04	1.00E-04	1.25740591	0.18229203	1.00E-04
2.04710287	2.41255271	1.00E-04	0.98283462	1.1902332	1.83397155

1.00E-04	1.00E-04	1.00E-04	0.54860002	1.00E-04	1.00E-04
0.86120425	0.76829922	1.00E-04	0.68902433	1.66255664	0.84423938
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.06844428	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67318844	1.00E-04	0.62261843	0.30477224	1.50997271
1.03389175	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59074735	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.74815037	0.72597852	1.29907626
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44867039	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.86230611	2.93187217	2.26969129	2.87526854	2.91028195	2.51062082
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00686565	1.00E-04
1.44745203	1.22953428	1.00E-04	0.53238302	0.6174856	1.06578508
0.67325245	1.00E-04	1.00E-04	1.02886389	1.00E-04	1.00E-04
2.66079298	3.51770808	1.27996271	1.50354827	2.34723453	0.36051234
1.86726504	1.95340341	1.95118444	0.20501279	2.26231719	1.43705076
1.00E-04	0.7518857	1.00E-04	2.02780289	1.95873443	1.06766711
1.00E-04	1.00E-04	1.00E-04	0.6717016	0.32492211	1.00E-04
1.19760566	1.00E-04	1.00E-04	1.00E-04	0.16793254	0.99647891
0.71824517	1.00E-04	1.00E-04	1.00E-04	0.25750812	0.15499183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22206006	1.00E-04
1.48292505	0.65068802	1.00E-04	0.59034814	1.50554178	1.29563961
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76498765	0.21289605	1.00E-04	0.53821433	0.52510467	1.00E-04
1.00E-04	1.00E-04	1.83013888	1.00E-04	1.12683516	1.86192086
1.00E-04	0.65510607	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24834324	1.00E-04	1.00E-04
2.40893934	1.22703353	2.24726389	1.00E-04	0.35724662	1.20641403
0.72251853	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81561413	1.10544345	2.04595548	1.23357209	1.00329485	0.59148001
1.54061866	0.84822319	1.00E-04	0.66574538	1.35241946	0.89556318
1.00E-04	1.00E-04	1.00E-04	1.08889817	0.78978362	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34600017	1.00E-04	1.00E-04	1.00E-04	0.78009573	1.00E-04
0.54572308	1.75320572	1.00E-04	1.11351663	0.77728472	0.46104644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39916426	0.27250157
0.73425373	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.28533957	3.26246931	4.62893331	3.3240848	2.56393975	1.65894763
11.3172464	11.1935166	11.9276075	11.7181572	10.0764087	9.58195379
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24021141	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.10213177	0.85982082	1.08358008
1.072909	1.74938214	1.00E-04	0.97987053	1.3503688	0.29215915
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.98876754	1.57810321	2.36988974	2.77012978	3.18043715	2.60674583
1.00E-04	1.00E-04	1.00E-04	1.0380396	1.00E-04	1.00E-04
1.32790952	0.9401179	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.55424923	5.23939647	3.50972603	4.3076002	5.29215672	4.79240509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61193291	3.02652422	1.06844428	0.7530512	1.32803343	1.62985173
2.00338635	1.72497625	1.11518827	2.17306261	1.62701405	2.41581967
2.02160432	1.57464729	1.91285577	1.85771561	1.37018892	2.20099172
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51447069	1.8375376	2.94580621	2.08727443	1.81460166	2.07760805
1.00E-04	1.00E-04	1.00E-04	0.59034814	1.00E-04	1.00E-04
1.59043395	1.00E-04	1.00E-04	1.78081763	1.32324957	1.33391196
0.83882308	1.00E-04	1.00E-04	1.00E-04	1.52847491	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76425697	1.38902472	1.00E-04	1.81730983	1.93769628	2.25613558
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.93108002	5.24005899	3.59312599	3.8847649	4.51740239	4.30952947
1.00E-04	1.00E-04	4.22689001	4.55003002	3.59438139	3.95173419
0.09292159	1.00E-04	1.00E-04	0.25428292	0.26331377	0.66135977
0.99766424	0.65326668	1.28609943	0.84843996	0.77188195	0.98565474
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.11027538	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56312682	1.00E-04	1.00E-04	0.08158092	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50857658	1.01652947	1.83013888	0.65887123	1.01007542	0.78805905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41856254	1.24687535	2.94215866	2.56872079	3.38434931	2.51838142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34380297	1.00E-04	2.37523392	2.33790929	3.15236247	3.19864666
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45390172	1.2079153	1.00E-04	2.21066884	2.45596345	2.10567754
3.93903103	3.23572211	1.46133917	2.61929027	4.44401974	3.77268559
2.29857022	1.16231153	1.11518827	1.84722804	2.2167253	2.78121773
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55266005	0.67284418	1.00E-04	1.00E-04	1.00E-04	0.63361864
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25819111	2.79070558	3.40128832	2.64744597	2.46513768	2.69612453
1.00E-04	1.00E-04	1.00E-04	0.85722768	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36496861	1.00E-04	1.00E-04	0.74553639	0.31843376	0.50428197
0.27093267	0.87444687	1.00E-04	0.54750639	0.60947562	1.12959855
0.94951256	1.00E-04	1.00E-04	2.5489268	0.84333844	0.78256623
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72549465
2.92016648	2.97919707	1.75472403	1.77726625	0.8880347	2.01862013
0.46739644	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.69241499	1.00E-04	0.81869677
1.00E-04	0.8876832	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.86222949	1.95394547	1.00E-04	1.98713908	2.38277122	2.52005684
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92914168	1.50941062	1.00E-04	0.9872801	1.01255148	0.46105389
4.58368337	4.72770193	3.67624572	3.58179776	4.87337315	4.29888231
0.34256967	1.00E-04	1.00E-04	1.30542068	0.73392551	0.78587446
0.09415495	1.52679448	1.95366243	1.15441757	1.98365801	1.0159983
0.09292159	1.00E-04	1.00E-04	1.00E-04	1.43110542	1.59685543
1.00E-04	0.59436393	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.37763904	1.30789632	0.71860592	0.0905788	0.43631867
2.43331232	2.27403048	1.00E-04	2.05521438	1.58498677	0.79908763
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39646411	0.86125158	1.9503961	1.34867752	1.51712954	1.20964201
4.03808524	4.15540604	2.45590892	2.54906239	4.20094013	4.02454745
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02050576	0.32900361
1.00E-04	0.53054394	1.00E-04	0.73950238	1.06739732	1.63534535

0.77658702	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.67525491	1.42282813	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7339697	0.71655627	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83353181
0.85783963	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54828133
1.00E-04	0.67979967	1.00E-04	1.00E-04	0.39776263	1.17800186
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.85117793	1.00E-04	0.7626518	0.10440683	1.00E-04
0.33099482	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.41168131
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9083148	0.78946604	1.00E-04	0.61790071	0.62037597	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79341826	0.50469062	1.00E-04	0.93465134	1.00E-04	0.54828133
2.30542238	2.31255552	1.42763756	1.40967455	1.24636137	1.28135155
0.45390172	0.91424205	1.00E-04	1.00E-04	0.08158092	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02050576	1.00E-04
0.44112676	1.00E-04	1.00E-04	0.5393223	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56030965
1.00E-04	1.01366069	1.85807109	2.61808891	2.0586701	2.17426978
1.00E-04	0.86961246	1.00E-04	0.37325883	0.715422	0.4534042
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2591487	1.00E-04	1.00E-04	0.24834324	0.28792026	0.94188858
1.66648643	1.45953688	2.2320249	3.44742	2.19295821	1.74873063
1.00E-04	1.00E-04	1.00E-04	0.71417168	1.00E-04	1.00E-04
1.61580214	1.20732147	2.75395088	2.79966346	3.18055399	3.72668266
0.48501846	0.4375449	1.11518827	1.53192668	1.0879194	0.91876776
1.00E-04	1.00E-04	1.00E-04	0.78025129	1.66529111	1.5189164
0.86640468	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4516944	0.86125158	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01401322	1.00E-04	1.00E-04	1.00E-04	0.41961083	1.00E-04
1.76503979	1.07013145	1.00E-04	0.6391028	0.62242832	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84399989	1.00E-04	1.00E-04	0.4822824	1.13789128	1.78767042
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30047008

1.00E-04	1.00E-04	1.00E-04	0.79512331	1.00E-04	1.00E-04
1.8923969	2.10153394	3.238696	3.25722616	2.92419299	2.91925913
1.00E-04	0.57077907	1.00E-04	1.00E-04	0.18945863	1.0154056
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60047385	1.00E-04	1.00E-04	0.84528238	1.03612474	0.20628126
1.77918127	1.97357228	2.7587285	0.47606859	1.5653793	2.01674735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.00E-04	1.22969017	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11579337	0.9713295
1.00E-04	0.72342246	1.00E-04	1.00E-04	1.00E-04	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50891932	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87680183	1.04947162	1.00E-04	1.00E-04	1.00E-04	0.74336161
0.60327704	1.00E-04	1.00E-04	0.45991406	0.74773056	0.64881106
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.17392285	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89795897	2.22023423	1.06844428	1.00E-04	1.26558238	0.85073088
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.60388987
1.29486384	2.25450611	1.00E-04	0.65544368	1.36752311	1.64943523
1.00E-04	0.5882165	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.96735064	1.00E-04	1.09014372
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31843376	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45216556	0.38408963	1.00E-04	1.00E-04	1.00E-04	0.24928507
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19641509
1.00E-04	1.00E-04	1.42763756	1.16023446	1.78954944	1.04255035
0.77467472	0.566323	1.00E-04	0.55976379	1.0928027	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.74596336	1.00E-04	1.01036728	1.12440905	1.77935576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15671146
1.00E-04	0.8918081	1.00E-04	1.00E-04	0.4897726	1.61256845
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62000727	0.45118201	1.00E-04	1.11758476	0.3294165	0.90848095
0.62872675	0.67158499	1.52319676	1.00E-04	0.16793254	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47180645	1.49072703	2.37523392	1.27720065	1.52434119	1.66098206
1.00E-04	1.00E-04	1.00E-04	0.4783264	0.16448447	1.00E-04
1.32085599	2.38542633	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36602532	0.77082138	1.00E-04	1.00E-04	0.40546847	0.87665104
1.00E-04	1.00E-04	1.00E-04	0.59363436	0.17279347	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3185612	0.8898731	1.00E-04	1.00E-04	0.32943408	0.7981911
1.43595955	1.28689512	1.30789632	1.02315894	1.88315371	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.26145633	2.21394348	1.38754516	1.83344943	1.5508825	2.64367404
1.33708766	1.53526059	1.00E-04	1.00E-04	1.70804448	0.31692536
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.11518827	0.9405472	0.9558279	0.60360132
1.00E-04	1.00E-04	1.00E-04	1.02898348	1.00E-04	1.00E-04
0.09415495	0.32854769	1.38754516	0.88457709	1.49165389	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.49689352	0.72191068	0.99114509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81735805	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
3.64983801	3.51412456	3.58226322	3.82713631	3.61835473	3.3218962
1.00E-04	1.00E-04	3.71141458	0.15557081	0.80868147	1.00E-04
1.63175984	1.91851195	2.58432585	1.70376427	0.52794123	0.70400943
1.00E-04	1.00E-04	1.00E-04	2.00461181	3.15012636	3.44450332
1.00E-04	0.9947522	1.00E-04	1.79505142	1.86130709	1.77299115
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50369671	1.00E-04	1.00E-04	0.4783264	0.79734239	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.02886389	0.15137331	0.97093798
1.0286471	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.21080414	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15557081	0.23269493	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49134585	1.51231271	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.22145886	1.78145005	2.09706207
0.75023767	1.00E-04	1.38754516	1.90424763	0.13235227	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22943121	1.59851875	1.27996271	1.00E-04	1.00E-04	0.75235999
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.12134262	0.43066061
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01401322	1.00E-04	1.00E-04	1.00E-04	0.78509348	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.67707868	1.0012969	0.70840066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04545775	1.55603971	2.86930365	2.22551382	2.81563539	2.75358463
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.46104672	1.00E-04	1.00E-04	0.1324183	1.00E-04
0.09415495	1.39898955	1.00E-04	0.39596165	0.66607842	1.00E-04
0.50953702	1.42971143	1.01811585	0.85606835	1.01005741	1.35787238
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78860226	0.65456396	1.38754516	1.1233493	0.45329715	0.987205
1.25613701	1.00E-04	1.00E-04	0.64138534	0.48393323	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.84653972	1.00E-04	1.00E-04
0.60327704	1.06019625	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.56399031	1.00E-04	0.8007554
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.71255687	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.86473302	0.6021309	0.57696471
1.00E-04	1.21394326	1.00E-04	1.00E-04	0.52588571	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63738487	0.90726669
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.17793811	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42693264
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.0739569	1.00E-04
1.15617962	1.13569601	1.00E-04	0.95659782	1.00E-04	0.5579205
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49592013	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	0.88713904	1.00E-04	0.94169987	1.91379299	2.06252016
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64277877	0.91780012	1.00E-04	0.58417725	0.74992027	1.76253
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.6603456	1.00E-04	0.73505635	1.02566749	1.00E-04
1.00E-04	1.00E-04	2.85851193	1.68630938	1.16166431	0.55036061
0.62080191	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3340074	0.29591257

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08819885	1.00E-04	1.00E-04	0.72937106	1.09360831	0.65519325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90726669
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51477986	0.84410758	1.01811585	0.61072705	1.52662675	1.06504492
2.34953663	0.91786832	1.00E-04	1.00E-04	1.57227857	1.05734997
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92387651	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62524679	0.8876832	1.00E-04	1.00E-04	1.00E-04	0.89361623
0.59719642	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52087919	2.30544131	1.27996271	0.86706505	1.79368126	2.19331312
1.3052316	0.64234672	1.00E-04	1.23123315	0.55708232	1.10547027
0.86640468	1.23780561	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.81161137	0.50891932	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40109178	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.71417168	0.70659205	1.00E-04
2.12028536	2.36919539	2.37984885	0.88257138	1.56297516	1.98912662
0.65481446	1.00E-04	1.00E-04	0.20501279	0.64054508	1.67507831
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23804352	1.00E-04	1.06844428	1.00E-04	0.41010519	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.71412261	0.88208974
1.4125234	1.00E-04	1.00E-04	1.00E-04	0.54937466	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44777316	1.00E-04	0.75133275	0.32174827	1.00E-04
1.36805887	1.30047273	1.00E-04	1.00E-04	0.56508007	1.62111315
0.44102711	1.00E-04	1.00E-04	1.00E-04	1.2710829	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30390784	0.13038568
1.05769726	1.1879956	1.00E-04	1.41669608	1.29313826	0.54416701
1.86181258	0.39496032	1.00E-04	1.12533431	1.00E-04	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61022716	0.71463176
1.00E-04	1.94533709	1.00E-04	0.46085181	0.9550749	0.90435981

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4159939	0.57077907	1.00E-04	1.00E-04	0.37724529	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.79457207	0.46535134	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3548392	1.00E-04
1.00E-04	0.75333424	1.00E-04	0.64978022	0.33052186	0.54728333
1.00E-04	1.00E-04	1.00E-04	0.5393223	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46535134	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68463545	1.45223975	1.06844428	1.18842264	1.46320178	2.13694354
2.85132559	2.83711016	2.4016475	3.63627309	3.25235398	3.28842757
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81862451	1.17810254
0.7779743	0.66201723	1.52319676	1.00E-04	1.00E-04	0.64556232
3.80123341	3.60717679	3.24393832	3.71685179	3.90986499	4.03110595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32608229	1.49902959	1.00E-04	1.55473854	1.00E-04	0.40709304
0.15907666	0.58160361	1.00E-04	1.24665879	1.08530794	0.88566314
0.8194868	0.45495213	1.00E-04	1.00E-04	0.81904504	0.49041951
1.00E-04	0.44747489	1.00E-04	1.00E-04	0.74289333	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55253127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99097276	0.67979967	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.19774131	1.00E-04	1.00E-04	0.35063257	1.00E-04
1.00E-04	0.43785363	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24021141	1.01249777
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43785363	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.61072705	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.50028658	1.11518827	1.00E-04	1.00E-04	0.98504875
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14466027	1.49115002	1.00E-04	1.16264187	2.30973996	1.82803097
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24251465	1.00E-04	0.80481774	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.01811585	1.23650578	1.30601842	1.00E-04
1.36075825	1.00E-04	1.00E-04	1.00E-04	0.8003013	1.97398367
1.00E-04	0.32854769	1.00E-04	0.71417168	1.00E-04	1.00E-04
2.0211804	2.44486869	1.00E-04	1.16150869	2.19910405	1.59422327
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71655627	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.72411675	1.00E-04	1.16037737
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33327329	1.00E-04
0.92349562	0.63220067	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.63541481	0.91878245	1.00E-04	1.77293367	2.44878852	2.7897229
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46621408	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66598136	1.34470378	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	0.4375449	1.00E-04	0.37771766	0.77422599	0.30788028
0.37284702	1.00E-04	1.00E-04	0.54115112	0.11783267	0.15499183
2.1391696	2.08049399	1.00E-04	1.35775052	1.16254169	1.82114503
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30047008
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.96334334	2.18612608	2.56149531	2.76756613	3.2594849	3.47150572
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.50028658	1.00E-04	1.00E-04	0.15137331	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23269493	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86260456	0.5153255	1.00E-04	1.00E-04	1.00E-04	1.42704388
0.93536096	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60327704	1.05165257	1.00E-04	1.00E-04	0.62571237	1.00E-04
1.81573278	1.63888611	1.52319676	1.29991683	1.04707524	1.67153541
1.00E-04	1.00E-04	1.00E-04	0.9405472	1.00E-04	0.93127485
1.00E-04	1.00E-04	1.00E-04	1.21027927	0.52805109	0.92494307
2.02105514	1.46275018	2.49408595	2.67691231	1.7805734	2.44082026
1.31251422	0.5011611	1.52319676	1.00E-04	1.27040345	2.19464762
1.00E-04	1.00E-04	1.00E-04	0.61285838	1.00E-04	0.31227169
1.00E-04	0.64073602	1.00E-04	1.00E-04	0.0905788	0.21329315
0.78860226	1.00E-04	1.00E-04	0.53821433	1.00E-04	1.00E-04
1.23002251	1.00E-04	1.00E-04	1.52287655	0.68990826	0.78004197
0.78860226	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33642162	1.00E-04
0.60842651	1.00E-04	1.00E-04	0.43961201	1.62948467	1.24138021
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35048312	1.28978593	1.00E-04	0.6599733	0.89596233	0.62848175
1.00E-04	0.53117747	1.00E-04	1.00E-04	1.07219943	1.27850383
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91390247	1.09841108	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.49210505	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8109406
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.20131692	0.48497572	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27564669	1.42701931
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44880149	1.00E-04	2.0351745	1.15220123	0.16793254	1.00E-04
1.9065234	1.39454445	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18471309	1.65130814	1.00E-04	1.420379	1.04690145	1.2709356
1.43549592	0.88624907	1.00E-04	1.57990679	1.00E-04	1.27095215
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44413777	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56456051	1.00E-04	0.37250181	1.23611578	0.31227169
4.15311771	4.02154185	4.31188195	3.83906482	3.73048732	3.69606941
1.00924216	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.52991195	1.00E-04	1.00E-04	0.36372495	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62739879	1.02796902
0.4516944	1.78747278	1.88496008	2.22143329	2.58560884	2.41759679
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99359366	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.15864373	1.00E-04	1.00E-04	0.55176112	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1843581	0.58995952	1.00E-04	1.00E-04	1.00E-04	1.87993632
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.85532896	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.06555384	1.48679937	1.00E-04	1.00E-04	0.41961083	1.27642476
1.00E-04	0.37215976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35204905	0.70638095	1.00E-04	0.43961201	0.95634578	0.95075468
0.37284702	0.59074735	1.00E-04	1.34972998	0.81317863	0.60854564
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57436523
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19641509
1.37245055	1.00E-04	1.00E-04	0.15557081	1.19374113	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26331377	0.66170831
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30433976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	0.90429466	1.74110187	1.54062556	2.12723866	0.78020583
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69330522	1.00E-04	1.27996271	0.25428292	1.00E-04	0.50428197
0.47015998	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.46242829	1.00E-04	0.47910281
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01401322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.49289853	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20714331	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87088945	1.13719685	1.00E-04	1.0380396	1.164718	0.71604638
1.77257935	1.7897663	1.00E-04	1.23993035	1.74898296	1.96188036
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35534378	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55626958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3196689	1.46553104	1.00E-04	1.30702245	0.83160248	0.86590442
0.85849323	1.00E-04	2.00743688	1.00E-04	0.32256591	1.48921002
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7494365	1.00E-04	1.00E-04	1.00E-04	0.24243926
0.44413777	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86564333	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.39660437	0.79667951	0.46104644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41954009	0.36890356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.76506038	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30980585	0.56648379	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.86356763	1.00E-04	0.43961201	0.13235227	0.93559433
1.00E-04	1.00E-04	1.00E-04	0.59363436	1.00E-04	1.00E-04
1.21211672	0.96038752	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.90518596	2.49519892	2.70993079	3.1586553	3.2421185	3.47052428
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.14336169	1.38754516	1.53825892	1.83706309	0.79969238
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90540606	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.31131272	1.00E-04	1.00E-04	1.54517994	1.09136117	0.93520727
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61865548	1.00E-04	1.00E-04	0.65887123	1.2369524	0.93414677
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.84529186	0.76541663
1.00E-04	0.50028658	1.00E-04	1.00E-04	0.10440683	0.16565788
1.00E-04	0.75874508	1.00E-04	1.88403821	0.08158092	1.77390804
1.51427195	1.95887512	1.52319676	0.99494957	2.02343996	1.8758656
1.00E-04	1.00E-04	1.00E-04	1.1663123	1.00E-04	1.00E-04
1.0679168	0.7826798	2.8614698	2.87572348	2.83163825	2.43765904
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90609459	1.00E-04	1.06844428	1.71312556	0.89787266	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.14014461	1.00E-04	1.00E-04
2.00633324	1.76331214	1.75472403	1.19210007	1.32490234	1.43547944
1.00E-04	0.88563595	1.00E-04	1.00E-04	1.00E-04	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6444073	0.65510607	1.00E-04	1.00E-04	0.0905788	0.36890356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54975373	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.0146536	1.00E-04	0.75516634	0.59954149	1.16949422
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.75382236	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01203292	0.93389268	2.58592601	1.5917807	0.4362065	2.24298696
1.00E-04	1.00E-04	1.00E-04	0.62209038	1.00E-04	0.55626958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91391909	1.52922089	1.00E-04	1.00E-04	0.23239377	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.05661104	0.13038568
0.61983099	1.01663651	1.00E-04	1.00E-04	0.45622593	0.48971388
0.27874649	0.62160043	1.00E-04	1.00E-04	0.3336416	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.04826627	1.00E-04	1.00E-04
0.72251853	0.55591422	1.28609943	1.00E-04	1.11474198	0.55265578
0.7096669	0.79219723	1.8503227	1.31532479	0.39919623	0.49041951
0.47015998	0.63032212	2.5395022	2.25489635	2.36406809	1.39446655
0.60784988	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18229203	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66023508	1.00E-04	1.00E-04	0.88170534	1.00E-04	1.00E-04
1.00E-04	1.19933331	1.00E-04	1.00E-04	1.08674991	1.00E-04
2.61472596	2.73665219	2.80336645	1.50771087	1.68275704	2.2734702
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88272848	1.00E-04	1.00E-04	1.93714354	2.40785271	1.099488
1.00E-04	0.89160088	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.94201925	1.00E-04	0.86014803	0.62290717	0.21329315
0.15907666	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.80592673
1.00E-04	1.00E-04	1.00E-04	0.81161137	1.00E-04	1.00E-04
1.00E-04	0.88624907	1.00E-04	0.69241499	0.49386847	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53888819	0.55253127	1.00E-04	1.00E-04	0.13427639	1.00E-04
1.35846232	0.69136595	1.00E-04	0.37325883	0.18945863	1.00E-04
1.35915705	1.00E-04	1.00E-04	0.8793532	1.85951327	2.40275457
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91652766	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93851318	0.53054394	1.00E-04	1.00E-04	1.49704933	0.37352143
2.59235403	2.67908552	2.06596253	2.03959507	2.04386123	2.11142474
0.60252178	1.53156605	1.00E-04	0.24575289	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35419377
1.00E-04	0.45495213	1.00E-04	1.85189368	1.26574876	0.58836182
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.35444182	1.00E-04	0.72457051	0.3979404	1.00E-04
0.86842265	1.00E-04	1.00E-04	0.15557081	0.1826159	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.77393875	1.00E-04	1.34021827	1.06589108	0.94049581
2.5087857	1.20262412	2.44943331	2.79197803	2.47285701	1.66360794
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.2905073	1.57975014	1.30986649	1.55314001	1.88407259	2.5706943
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77888984	1.63694215	1.78117254	2.3560368	1.36767058	1.96596606
1.00E-04	1.00E-04	1.00E-04	1.10962298	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45228912	0.83494736
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.19663001	2.03689855	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.90185779	1.52319676	1.73156597	2.87564952	2.48437094
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72375712	0.49626678	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55132028	1.00E-04	1.00E-04	1.00E-04	0.55708232	1.00E-04
1.00E-04	0.96289389	1.00E-04	1.00E-04	0.21911936	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65519325
1.00E-04	1.00E-04	1.00E-04	0.4783264	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08701677	1.02269801	1.00E-04	1.16916833	1.74799742	1.64787769
0.55132028	0.65326668	1.00E-04	1.52328225	1.00E-04	1.17949751
1.05035542	0.64318133	1.00E-04	1.00E-04	0.43517553	1.00E-04
0.30100755	1.00E-04	1.00E-04	1.00E-04	0.34669369	0.60388987
0.85603912	1.08971469	1.00E-04	0.72001768	0.80604794	0.49535738
1.00E-04	1.00E-04	1.00E-04	0.73505635	0.18229203	1.00E-04
3.16818993	2.82522134	1.82687244	2.20026341	2.80448279	3.06564771
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57217101	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6856681	2.15061381	1.00E-04	3.26079981	2.35138092	2.42176749
1.00E-04	0.78691146	1.00E-04	1.00E-04	0.75205431	1.03556978
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.78770757	1.00E-04	0.58468642	0.47330183	1.00E-04
1.00779182	1.00E-04	1.00E-04	1.00E-04	0.78280357	0.41953258
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43895744	1.76189221	2.99089156	1.51199252	2.0238781	2.08135269
1.17040826	1.05787479	1.00E-04	0.97300432	1.67877084	0.90030913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25103438	0.15499183
1.22467589	1.35612885	2.24726389	1.11720266	1.19017286	1.30519028
1.00E-04	1.00948859	1.00E-04	0.15557081	1.00E-04	1.54858936
1.13968349	1.31667697	1.01811585	1.02469214	1.44698562	0.56180756
1.00E-04	1.16751183	2.18505109	2.21831709	2.92752717	2.19732223
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.83271169	1.00E-04	1.00E-04	0.86582485	0.9888022
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.44891413	1.00E-04	1.00E-04
0.82040313	1.00E-04	1.00E-04	1.00E-04	0.95757605	0.40555046
0.78860226	1.11579658	1.00E-04	1.5866998	0.24760841	0.53800788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.08102676	1.00E-04	1.00E-04	0.33004234	1.00E-04
1.57502143	1.30589883	1.00E-04	1.00E-04	0.9494855	0.84412674
1.00E-04	1.04947162	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47422388	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59719642	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74769896	0.59074735	2.02747781	2.25793753	3.05045571	3.02882839
1.23280236	0.96458915	1.00E-04	1.00E-04	1.43942217	0.93952458
0.77434289	1.19192507	1.42763756	1.00E-04	0.7442146	1.19678466
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37890772	1.48433476	1.00E-04	1.21137695	0.90973837	1.28437774
1.00E-04	1.00E-04	1.00E-04	0.70120444	1.13678266	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.11152371	1.00E-04	1.00E-04	0.59416948	1.00E-04
0.1163586	1.00E-04	1.30789632	1.00E-04	0.33848153	1.00E-04

1.00E-04	0.99455541	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60252178	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58408879	0.48971388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68932354	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.61001117	1.00E-04	0.49041951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.65068802	1.00E-04	1.00E-04	1.63632235	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71162396	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61959988	3.12217406	1.06844428	0.71017745	2.58788824	2.7028183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5046079	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29028813	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.23611578	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67399315	1.00E-04	1.15473115	1.00E-04	0.2457152
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45216556	1.37894017	1.00E-04	0.71860592	0.83220793	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81625573
1.02016327	1.00E-04	1.00E-04	1.00E-04	0.79667951	0.37758271
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.11516578	1.00E-04	1.00E-04
2.75401902	2.58944731	1.00E-04	0.96673143	1.79958185	2.16248868

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24834324	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.72457051	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.52138741	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63402236	1.00E-04	1.00E-04	1.00E-04	0.33647818	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75492738	0.53054394	1.00E-04	3.05491292	1.98565442	1.14045855
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.82673555	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47235434	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89633168	1.59127864	1.00E-04	1.00E-04	0.54937466	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.86953679	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.32722852	0.68902433	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86600793	1.30832285	1.00E-04	1.44016876	1.16258389	0.2462289
1.00E-04	0.41409474	1.00E-04	1.00E-04	0.30390784	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.665055	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75334019	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.60360132
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.60387859	0.0905788	0.70840066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27874649	1.00E-04	1.38754516	0.54842099	1.00E-04	0.82450589
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	0.48793187	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.52319676	0.67325668	1.00E-04	0.44175658
1.00E-04	1.00E-04	1.00E-04	0.84357126	1.00E-04	0.3321585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86651014
1.00E-04	0.4932192	1.00E-04	0.56029689	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69167046	1.30949324	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.19178187	1.59527297	1.01811585	1.69218595	1.29936348	1.05594672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
0.71706674	1.00E-04	1.00E-04	1.00E-04	0.54857924	0.84393191
2.75986561	2.20954761	1.00E-04	0.61072705	0.21391442	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84107971	0.24251465	1.00E-04	0.24834324	0.13427639	0.68391317

4.7078987	4.76700202	2.8125425	3.15640465	3.60615952	3.41833231
0.09415495	1.00E-04	1.00E-04	0.66574538	1.37177677	0.70554313
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48339243	0.88624907	1.00E-04	0.97021453	1.09729541	1.28678983
1.00E-04	0.30163127	1.00E-04	1.00E-04	1.00E-04	0.14317243
2.69326341	2.63383151	1.00E-04	0.71860592	0.72392948	0.63211657
2.13373536	1.00E-04	1.00E-04	1.5771646	0.57401197	0.46996251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.83725338	0.85543927	1.54305554
1.61527646	0.97658927	1.00E-04	1.29654098	0.33004234	0.85525492
1.48424798	1.84345955	1.00E-04	1.56997586	1.65801425	1.52984743
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36523389	0.76259626	1.51203435	0.9405472	0.71418605	0.36890356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.87202073	1.69626951	1.00E-04	1.2083259	1.33412346	0.88437543
0.29810286	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72686915	2.93569852	1.84324908	2.26462158	2.03994774	2.66853383
1.00E-04	1.00E-04	1.00E-04	0.24575289	0.28858336	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67158499	1.00E-04	0.83195132	0.11579337	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.78264478	1.00E-04	1.00E-04
0.55896898	1.00E-04	1.00E-04	0.73505635	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29591257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.59003438	0.70804323
1.00E-04	1.00E-04	1.27996271	2.00192246	1.95106602	1.95259005
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.62929637	2.04537441	2.45758283	2.31267256
1.84431452	1.00E-04	1.00E-04	2.60736867	0.81498832	1.816689
1.34397209	1.00E-04	1.00E-04	0.88257138	1.00E-04	0.64152968
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47422388	0.58160361	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56111303	1.00809121	2.17224714	2.4109303	1.49258934	1.61345807
1.00E-04	0.63220067	1.00E-04	0.92183113	1.00E-04	1.00E-04
2.60911129	2.64159464	1.00E-04	2.77867062	3.24251298	2.81177878
1.07659	1.00E-04	1.00E-04	1.64317074	1.2522505	1.27882996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32854769	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.87372373	1.00E-04	0.91945114
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.74888187	2.19481897	2.69876803	2.12719616	1.45139741	1.94291438
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.5168034	1.18393193	1.00E-04	0.4266763	0.85384553	0.57118139
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.993717	1.00E-04
1.00E-04	0.86125158	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08673988	0.59232953	1.00E-04	1.42609278	1.66035851	0.75129102
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61749663	1.00E-04
1.66702297	2.26762005	2.19974456	1.96527603	2.37130238	2.04250858
2.34967811	2.47745781	1.00E-04	1.04152725	0.83936457	1.48659026
0.09415495	0.43809141	2.2636409	2.60980411	2.55983378	1.96069154
0.95833877	1.00E-04	1.00E-04	0.60586945	1.57502456	0.84550761
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.89455072	1.00E-04	0.6902533	0.65944691	1.3596566
2.9505032	3.13869721	1.68194567	2.12147536	2.05292814	1.80126223
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37082421	0.17637488	1.01593807
0.24136489	1.00E-04	1.00E-04	0.44711858	1.12817879	1.00E-04
1.28551852	0.89995983	1.00E-04	0.70892528	0.59313287	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95098373	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77340534	0.78929304	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30980585	0.65510607	1.6068095	1.54106702	1.27015924	0.65004362
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7826798	1.00E-04	1.11571005	0.73278761	1.54946087
0.09292159	0.8829895	1.00E-04	1.00E-04	0.37624996	1.47327334
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86437004	0.98957117	1.00E-04	2.10324398	1.36189484	1.07118842
1.00E-04	1.00E-04	2.08421616	1.00E-04	1.10238917	1.62375552
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.17319537	4.08161922	2.55951548	3.17078039	2.95709816	3.40539694
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00781832	1.00E-04	1.00065293
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49538073	1.49670593	2.75181031	2.03823616	1.96074135	2.18764912
1.00E-04	0.30163127	1.00E-04	1.00E-04	1.00E-04	0.16565788
0.81156129	0.44777316	1.00E-04	0.72536601	1.00E-04	0.4683059
0.65450806	1.97984038	1.00E-04	1.00E-04	1.00E-04	1.24594855
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.81421222	0.72281899	0.82365382
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.60372301	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26792156
1.00E-04	1.00E-04	1.00E-04	0.79830865	0.65334627	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.39596165	1.00E-04	1.00E-04
1.00E-04	1.5258516	1.46133917	2.46014532	1.94518387	1.5900359
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77326409	1.119814	3.01299431	3.04525096	1.68638812	1.82458996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70400943
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32006707	2.61176103	1.00E-04	0.969372	2.4534193	1.89593459
0.49134585	0.24251465	1.00E-04	0.73505635	0.88253699	1.88811785
1.00E-04	1.00E-04	1.00E-04	0.67325668	1.00E-04	1.00E-04
1.00E-04	1.21746707	1.00E-04	0.71417168	0.36639306	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24575289	0.31843376	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85763521	0.90594121
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.9070621	2.46099858	1.00E-04	1.18091763	2.0367619
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12052537	1.22167056	1.74110187	0.63389895	0.41261184	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15557081	0.40281018	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71720198	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03507016	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.33427736	0.69835557	1.42763756	1.05871514	0.2528522	0.60859844
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.38408963	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53687768	1.00E-04	1.11372213	0.36639306	1.12033468
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39776263	1.00E-04
1.00E-04	0.74771768	1.00E-04	0.64978022	1.00E-04	1.00E-04
1.00E-04	0.66201723	1.28609943	1.89374331	0.33327329	0.62918788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74484335	0.91754055
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17099404	0.53054394	1.00E-04	0.58410459	0.37492451	1.48102704
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01401322	1.00E-04	1.00E-04	1.00E-04	0.71592889	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44837254	0.79592565	1.00E-04	0.63389895	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.33186543	1.00E-04	1.82818418	1.55012144	1.9262833	1.58297398
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.03720904	3.11158527	1.52319676	2.17431068	2.05082507	2.6120996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46253117	1.00E-04
2.13259196	2.12576254	1.00E-04	1.00E-04	1.00E-04	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77827049	1.00E-04	1.40283744	0.94176115	0.74773056	1.32406433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48063511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23164135	1.28911245	1.00E-04	1.38027946	1.40386656	0.14317243
1.00E-04	0.86765272	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18229203	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18963098	1.78788519	1.00E-04	1.43236866	2.06701543	1.45088408
3.06380061	3.15490255	1.00E-04	1.99120276	2.29583741	2.78673981
1.00E-04	1.00E-04	1.00E-04	0.24834324	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.28609943	1.00E-04	1.00E-04	1.00E-04
0.66023508	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34272783
1.00E-04	1.00E-04	1.00E-04	1.18619552	0.33003024	0.64490035
1.00E-04	1.00E-04	1.00E-04	1.34911876	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.51203435	1.25112351	1.0990571	0.75539794
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.18224213	0.74286646
0.50090333	1.00E-04	1.00E-04	0.15557081	0.29405942	1.00E-04
0.09292159	1.00E-04	1.00E-04	0.15557081	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.6068095	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62394601	1.00E-04	1.00E-04	1.00E-04	1.16269865
1.00E-04	1.00E-04	1.00E-04	0.37082421	0.32828536	1.00E-04
0.61152103	1.00E-04	1.00E-04	1.00E-04	0.34669369	0.69241199
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.44609438	0.50776922	0.44280636

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4683059
2.84165568	3.24884836	3.26470486	5.0702835	3.19210563	3.35508471
1.50932312	1.66145274	1.00E-04	2.31591568	2.08501076	1.49429026
1.00E-04	0.60883144	1.00E-04	1.38442861	0.7965986	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04652317	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.23957815	1.58193979	1.00E-04	0.70120444	0.95757605	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29810286	1.52592656	1.30789632	0.95864566	0.74061171	0.74540363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51477986	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81455276	1.00E-04	1.00E-04	1.44982909	0.42425592	0.46120108
1.46619122	1.00E-04	1.00E-04	1.00E-04	0.92094392	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66694363	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.43239631	1.27837495	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.46633175	1.00E-04	0.21329315
1.00E-04	0.3967811	1.00E-04	1.56118762	1.49262733	1.93302331
1.00E-04	1.00E-04	1.00E-04	0.37771766	0.62925662	1.00E-04
0.5845187	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.28749506	0.70600012	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38100058	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.6000906	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50776922	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
1.13682074	1.00E-04	1.06844428	1.00E-04	0.76119895	1.00E-04
3.08858413	2.85845357	3.38746196	2.87351766	3.12096066	2.76296712
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62436222	1.0291239	1.00E-04	0.58410459	0.32267537	0.52132614
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34600017	0.74771768	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.81857288	0.80127736	1.74110187	1.31667372	0.33004234	0.89353118
5.246782	5.00540695	5.98921596	5.86448813	5.77736583	6.07159093
0.89863713	1.00E-04	1.00E-04	1.00E-04	0.26654268	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.83183674	1.00E-04	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.47606859	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.36277786	1.00E-04	1.00E-04	1.00918011	0.31208863
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44112676	0.30163127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53812177
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.87220487	1.00E-04
0.51186136	1.00E-04	1.00E-04	1.00E-04	0.17637488	1.00E-04
0.65481446	0.79250795	1.00E-04	1.14704384	1.07100588	0.28680082
2.44215971	2.17838076	2.98395157	2.95201657	2.1874764	2.87673797
1.31990067	0.4932192	1.00E-04	0.86585373	0.11579337	0.30913278
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92995371	1.46133917	1.05871514	1.00E-04	1.00E-04
0.94690556	1.53178201	1.00E-04	1.00E-04	1.00E-04	1.14053979
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58450605	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64435322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61929211	1.44367394	2.11474001	1.00E-04	0.58159157	0.60360132
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.12302746	0.55282829	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.64315265	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.60263629	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53800788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.52738567	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30980585	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
0.7048471	1.21958647	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78248786	1.00E-04	1.00E-04	1.00E-04	0.0905788	0.15671146
0.42124784	1.00E-04	1.00E-04	1.10996936	0.23269493	1.00E-04
0.96937806	0.78691146	1.00E-04	0.45991406	1.86383847	0.40793063
2.65929715	2.85533513	1.00E-04	1.68410279	2.5327063	2.34932903
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.9511297	2.8142225	4.66500136	4.33745417	4.92362942	4.88661935
0.92135957	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64453124	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56875798	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82030785	1.77864006	1.00E-04	1.53496988	2.4414956	2.3537782
1.00E-04	1.00E-04	1.00E-04	1.40542136	0.4897726	1.04128115
1.00E-04	0.67284418	1.00E-04	1.00E-04	0.62571237	0.38874354
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8007554
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43809141	1.00E-04	1.00E-04	1.00E-04	0.2878742
2.92421822	2.95687804	1.9150802	1.67269227	1.51564308	2.72299985
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86580123	1.00E-04	1.00E-04	0.15557081	0.42455119	0.30974433
1.00E-04	1.00E-04	1.00E-04	1.48696669	0.26654268	0.21329315
0.27093267	1.00E-04	1.00E-04	1.00E-04	0.33004234	0.40555046
1.00E-04	1.00E-04	1.00E-04	0.61001117	1.00E-04	1.2453837
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	1.00E-04
0.32608229	0.8426349	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54572308	0.81842718	1.00E-04	1.72824173	0.89281206	1.32915513
1.00E-04	1.00E-04	1.00E-04	0.78264478	0.41749904	1.05225723
0.76240468	1.14098126	1.00E-04	0.63321171	0.11579337	0.54828133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.32122197	2.27210028
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55323863
1.00E-04	1.00E-04	1.11518827	0.61790071	1.43298874	1.00E-04
2.19460806	2.09377123	2.46600867	3.80915819	2.69613093	3.2027385
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15797978	0.48013639	1.00E-04	1.00E-04	1.00E-04	0.7865631
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	1.00E-04	1.00E-04	1.00E-04	0.76551669	0.47910281
1.61057581	1.914328	1.00E-04	0.92240972	1.99634923	1.6171402
1.32862866	1.25815699	1.06844428	1.12866902	1.39796269	1.3742046
2.60433613	2.81495775	1.00E-04	0.74870729	1.8165441	2.60197185
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.08958579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68978759	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32197209	0.67284418	1.6068095	0.45991406	1.56847193	1.30841443
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.12803385	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.0131958	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74054048
1.00E-04	1.00E-04	1.00E-04	0.86704502	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53738242	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12343937	1.99637699	1.38754516	2.8142576	3.0300708	1.49186548
1.00E-04	1.00E-04	1.00E-04	0.37082421	1.00E-04	1.00E-04
0.89711149	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.86961246	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.5231205	0.59436393	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.85532896	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	0.83086789	1.00E-04	0.86169302	0.75212724	0.65359027
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68166237	0.50399332	2.32722852	2.10156801	0.97674854	1.75607375
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01387792	2.0870164	1.27996271	0.15557081	0.7932308	0.16565788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71162396	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11097615	0.31765625	2.81239203	1.01811288	2.17463307	1.81864004
1.00E-04	0.36607432	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.30764686	1.00E-04	0.42693264
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26331377	1.00E-04
0.37484237	1.49564618	1.00E-04	0.96735064	1.00E-04	1.02223871
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.29016598	0.81016154	0.93011675
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.59306014	1.00E-04	1.00E-04	1.00E-04	0.71255687	1.00E-04
1.00E-04	0.49885661	1.00E-04	0.84528238	1.72691619	0.46519661
0.60507862	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90609459	1.52360921	1.00E-04	1.00E-04	1.00E-04	0.72644607
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16448447	0.41900942
1.00E-04	1.00E-04	1.00E-04	1.27847945	0.6153374	0.44347704
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.67272238	0.40665698	0.31227169
3.09217707	3.16334173	2.0351745	2.59594284	2.93235775	2.65655604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.10006054	1.26788869	1.00E-04
4.08024431	4.0519983	1.00E-04	1.48901024	0.54937466	1.54681224
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89087135	1.56072742	1.01811585	2.68081241	2.26816469	1.15235884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63250491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23269493	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.69282833	0.31877834	0.67387996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.65456396	1.00E-04	0.61457452	1.45520004	0.13038568
0.75382236	1.2664076	1.00E-04	1.00E-04	1.00E-04	0.43066061
1.00E-04	0.57497591	1.00E-04	1.00E-04	0.51382551	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48564151	0.74331533	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39107963	0.50028658	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45884696	0.21289605	1.00E-04	0.58410459	0.70519902	0.91598364
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.86704502	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44413777	1.00E-04	1.00E-04	1.67890286	1.04924177	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.665055	1.00E-04	2.00691644	2.1142957	2.93679618	2.89533211
0.30060549	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68349296	1.23497305	2.21877923	2.16068753	3.26500301	3.19154431
1.00E-04	1.00E-04	1.00E-04	0.69313868	1.00E-04	1.78712077
1.12854716	0.78691146	1.06844428	0.73505635	0.68882961	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48393323	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75176803	2.51681865	1.11518827	2.72783897	2.69570751	3.0330808
1.59621878	1.92141329	1.81104972	1.22153362	2.09483114	2.12807525
0.57026941	1.00E-04	1.00E-04	1.00E-04	0.48497572	0.15671146
1.00E-04	1.00E-04	1.00E-04	0.78559119	1.00E-04	1.00E-04
2.27172491	0.72812177	1.54304638	1.33968156	1.95729254	1.71824889
1.00E-04	0.30433976	1.00E-04	1.35802488	1.04644877	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37888756	0.16236604
1.30725182	0.48794717	1.00E-04	1.00E-04	1.00E-04	1.20493844
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21589621	1.00E-04	1.00E-04	1.60198678	0.41674088	1.41818873
2.49509882	1.52648443	2.64267359	3.83721064	2.80123985	2.63583863
1.00E-04	0.24251465	1.00E-04	1.00E-04	0.55778139	0.74704602
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50776922	1.00E-04
0.45390172	1.00E-04	2.18505109	2.20355461	1.36157575	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.26160122	1.00E-04	1.00E-04	1.00E-04	1.21461353	1.90278093
1.0396509	0.60493976	1.11518827	0.79830865	1.67159821	2.60016033
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24760841	1.00E-04
0.58871261	1.00E-04	1.00E-04	0.78145076	0.12723689	1.00E-04
2.48695877	1.62809774	1.00E-04	1.62105655	2.55247266	2.26433758
0.4620769	1.00E-04	1.00E-04	1.00E-04	0.32492211	1.00E-04
0.86700902	1.00E-04	1.00E-04	1.00E-04	0.65944691	0.35419377
1.00E-04	1.00E-04	1.00E-04	0.72411675	1.0611341	1.00E-04
1.00E-04	1.27391516	1.00E-04	1.00E-04	1.00E-04	1.13665715
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.99641734	1.01504184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.98813688	1.00E-04	1.00E-04	0.50746482	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49392672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.02567901	1.31852649	0.85815205
0.78650194	1.00E-04	1.00E-04	2.13579841	0.57776666	0.82598366
0.86580123	1.00E-04	1.52319676	1.90645957	0.85326951	1.12706604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6290145	2.035669	1.00E-04	1.34749938	1.65345377	1.92070137
0.89950289	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.00E-04
1.56958188	1.40095506	1.49210505	1.6037379	1.66574553	0.62018962
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60842651	1.20630552	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.76035117	1.49509321	1.00E-04	0.95861813	1.02050576	0.64074196
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81625573
0.30980585	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25940884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55552765	1.00E-04	0.77114203	1.51604785	0.28509766
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.23659422	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68386031	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.75354541	1.00E-04	0.73342256	0.7048695	0.75682992
0.69167046	1.00E-04	1.00E-04	1.00E-04	0.50337509	0.92594064
3.62423779	3.40545515	3.36089842	3.33683765	3.54066858	3.38897197
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46040738	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06514715	1.32142423	2.08421616	1.05919018	0.85727463	1.9850801
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67402432	0.94524509	1.00E-04	0.5252732	0.75517628	1.40050794
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48564151	1.00E-04	1.00E-04	1.00E-04	0.23239377	0.40709304
1.00E-04	1.00E-04	1.00E-04	1.0380396	1.00E-04	1.00E-04
1.28461877	1.63741506	1.00E-04	1.40163911	2.20583735	1.57239874
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.54393038	1.00E-04	0.60372301	0.76119895	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60765791	0.60883144	1.00E-04	1.00E-04	0.12723689	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.67707868	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66787256	2.34382706	2.28458124	2.34152832	2.60365534	1.99503716
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8780427	2.40966259	1.00E-04	1.6810114	2.09175878	1.87853923
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.11516578	0.43141891	0.87057004

1.29478506	1.06938287	1.00E-04	1.36040264	1.15635467	0.93789089
1.42762476	1.27445039	1.00E-04	1.53831712	0.54937466	0.91515594
1.00E-04	0.75203029	1.00E-04	0.78815465	0.69897538	1.00E-04
1.00E-04	1.00E-04	2.79392509	3.07661484	3.61867339	3.34193773
0.97023368	1.00E-04	1.00E-04	0.62209038	0.17637488	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56964029	0.91151745
1.00E-04	0.87554855	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.56411247	3.28471127	1.97044181	2.33553005	3.66864053	3.4184346
1.00E-04	1.00E-04	1.00E-04	0.56487062	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.85722768	1.00E-04	1.00E-04
2.9970917	3.33867327	2.27918617	2.5090105	2.59304696	3.47238533
1.00E-04	0.69392408	1.00E-04	1.00E-04	1.17150769	2.07636763
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.0351123	0.62204603
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.7125325	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.22972813	1.00E-04	1.00E-04
0.49592013	1.22802585	1.00E-04	1.00E-04	1.00E-04	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.18020261	1.00E-04	1.00E-04	0.49595628	0.61234576	0.7059831
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77223739	1.98187498	2.24726389	1.95147361	0.22206006	1.7680053
1.00E-04	1.00E-04	1.00E-04	0.60692892	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47235434	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22445287	0.24928507
0.47462842	1.00E-04	1.27996271	1.26295554	1.00E-04	0.94049581
0.72475269	1.00E-04	2.05395321	1.2985915	1.02920546	0.89361623
1.91154807	0.65077588	2.1993766	2.41994281	2.16632506	2.13268077
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15499183
0.35507067	1.2006004	1.00E-04	0.15557081	1.00E-04	0.4919979
1.00E-04	1.00E-04	1.00E-04	0.92639647	0.23269493	1.00E-04
1.09705642	0.78390163	1.00E-04	1.00E-04	1.00E-04	0.37073618
0.99878062	1.00E-04	2.08359672	1.00E-04	1.00E-04	1.4768547
2.93683619	2.48891734	1.00E-04	1.90505241	1.78663489	2.2174318
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66694363	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9853596	0.3321585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.49885661	1.00E-04	1.00E-04	0.08158092	0.90189898
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55538784	2.22607629	1.30789632	1.51770875	1.10570145	1.75861042
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18249342	0.83227052	1.06844428	1.00E-04	1.29319199	1.00E-04
1.00E-04	0.7880324	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51186136	1.00E-04	1.00E-04	0.78264478	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57176089	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92773011	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.17734768	1.00E-04	1.00E-04	0.27564669	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58443014	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33099482	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28218092	1.00E-04	1.00E-04	0.84354793	0.91060923	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60402476	0.86631967	2.37523392	1.3882442	2.16212745	1.66268821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50857658	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21175116	1.04426827	1.00E-04	0.55437397	1.75310037	1.68897866
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17216094	1.00E-04	1.00E-04	1.00E-04	0.43517553	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41953258
0.46739644	1.00E-04	1.00E-04	0.53238302	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57358482	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09934454	3.0566153	3.04681163	2.6758101	3.39767824	3.74639814

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.83013888	1.6978543	1.55118543	1.65933078
1.00E-04	0.8066487	1.00E-04	0.53821433	1.37333008	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.64324128	0.34078751	1.06144883
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.47606859	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47010325	1.51178333	1.00E-04	1.00E-04	0.55708232	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33863567	1.00E-04	1.00E-04	1.26225086	1.00E-04	0.94790925
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56456051	1.00E-04	1.00E-04	1.02163077	0.63655476
1.00E-04	0.9602151	1.00E-04	1.46450081	1.91389698	1.81531648
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03287907	1.0823475	1.00E-04	0.41438246	0.60661228	0.68278852
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98213111	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22852292	0.6377961	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.38754516	1.81242954	1.49122407	1.11156595
0.37484237	1.32686154	1.00E-04	1.34262276	0.7883995	0.75120144
0.88262754	1.00E-04	1.00E-04	0.71219483	1.76132059	1.00E-04
0.70185963	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19191379	0.2878742
0.09292159	1.00E-04	1.38754516	1.77995945	2.58655608	1.49993
0.16178697	1.00E-04	1.00E-04	0.83322253	0.92466175	1.91611958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.86640468	1.00E-04	1.00E-04	1.00E-04	0.69350361	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76232783	0.92075871	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36338382	2.04365049	1.00E-04	1.00E-04	1.00E-04	0.49041951
0.47015998	0.48013639	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47462842	1.23919031	1.00E-04	0.90627653	1.20596054	2.07926439
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.90571514	1.00E-04	0.58410459	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.30480035	1.00E-04	1.00E-04	0.23269493	1.24877731
1.00E-04	1.00E-04	1.00E-04	0.46633175	1.00E-04	1.00E-04
1.00E-04	0.87634654	1.00E-04	1.00E-04	1.02050576	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.07879845	1.00E-04	0.34272783
1.00E-04	0.45118201	1.00E-04	0.69241499	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.89257979	1.00E-04	1.00E-04	0.33052186	1.26487829
0.71978565	0.4932192	1.00E-04	0.79512331	0.54171977	1.0340427
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95194963	0.58339192	1.00E-04	1.00E-04	1.14603937	1.15868225
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.72053079	3.4921061	2.89516736	3.65228719	3.42853408	3.55366249
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.31877834	1.33033033
0.60708278	1.00E-04	1.00E-04	1.91643969	1.01722535	1.25791475
1.31459359	1.5187593	1.30986649	2.01704301	1.98538938	2.4101527
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49434781	1.00E-04	2.00743688	0.68556127	0.79694252	1.00E-04
2.01897107	2.07776147	1.00E-04	1.90404406	0.75334019	1.08881277
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95869383	2.25837334	1.00E-04	1.16757364	2.25384503	1.3869936
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.77692731	0.78968019	0.53915889
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19191379	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09267399	0.44747489	1.42763756	2.13950588	1.31506516	1.72195773
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41954009	1.00E-04
1.00E-04	0.7518857	1.00E-04	1.00E-04	0.48497572	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94841238	1.00E-04	1.00E-04	0.60024425	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46253117	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96652812	0.57077907	1.00E-04	1.00E-04	1.39385946	1.44638369
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.2379082	2.63541373	3.64792655	2.82089009	3.04750072	2.69171837
1.00E-04	1.24566779	1.00E-04	0.32864749	0.32492211	0.50379365
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.15221854	4.08135313	4.57522787	4.78435457	4.27669731	4.55706356
0.91814756	1.00E-04	1.00E-04	1.65273421	1.07726027	2.32453075
0.44087771	1.00E-04	1.00E-04	1.00E-04	0.75718831	0.13067397
1.00E-04	1.00E-04	1.00E-04	0.81161137	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.54080566	0.89010689	1.00E-04	1.00E-04
3.5453333	2.44661505	1.00E-04	2.58723944	2.26411151	1.65606443
2.52506838	2.17364465	1.74110187	0.52138741	0.91946776	1.53039494
0.62340317	1.00E-04	1.00E-04	1.46509454	1.01868746	0.60388987
1.00E-04	1.00E-04	1.00E-04	0.79512331	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61564386	1.54456482	1.00E-04	1.82396797	0.86834624	1.73138855
1.79461191	1.00E-04	1.00E-04	0.65887123	0.52812965	1.0841752
0.65593614	1.00E-04	1.00E-04	1.56854463	1.21244815	0.43137149
1.00E-04	1.75322306	1.00E-04	0.57264305	0.8528567	0.38032321
1.00E-04	0.85117793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51731848	1.6529846	1.00E-04	0.96008477	1.37709327	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81402316	1.00E-04	1.00E-04	1.00E-04	0.81862451	1.32162436
1.49733451	0.76393893	1.00E-04	1.00E-04	0.84535871	0.34272783
1.23287375	1.41970198	1.00E-04	0.59034814	0.65215979	0.15499183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28529616	0.65519325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45495213	1.00E-04	1.00E-04	0.88886241	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02969082	1.97410452	1.00E-04	0.34813435	1.93186236	0.28509766

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.52319676	1.46729347	2.13422581	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55906966	0.27135164
1.00E-04	1.00E-04	1.00E-04	1.28067955	1.38372904	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58995952	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.11088023
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	1.00E-04	1.00E-04	0.91292926	0.16793254	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94768045
1.96986152	2.81033781	1.00E-04	0.46085181	0.97802022	0.65519325
3.39262375	3.64092869	1.00E-04	2.41700418	2.26563134	2.94169577
1.00E-04	0.65947666	1.00E-04	0.32864749	0.18229203	0.43730888
1.00E-04	0.68630804	1.00E-04	0.52138741	0.16793254	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.24037565
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2352258	1.34128573	1.00E-04	1.00E-04	0.18229203	1.00E-04
1.74398219	0.5449975	1.00E-04	1.13342149	1.15051418	0.53054394
2.12924212	1.47135245	1.00E-04	0.9605097	2.27988844	1.0920202
1.00E-04	1.20596947	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.16312605	0.4887782	1.00E-04	0.82445589	1.60389747	1.26209025
1.70250533	2.00241523	1.00E-04	1.1467821	1.65521029	1.43074394
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.4241808	1.61579295	1.00E-04	2.25873833	1.67825103	1.60779076
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24760841	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47010325	0.65510607	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25357427	0.81771455	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30974433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.05311912	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	0.55591422	1.00E-04	0.97219021	0.38224435	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01362001	1.01621139	1.00E-04	1.00E-04	0.54857924	1.00E-04
1.00E-04	0.7919723	1.6068095	1.85481697	1.06843068	0.62918788
0.44197566	0.9602151	1.00E-04	0.37771766	1.10238917	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27093267	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.68902433	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.35585701	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45118201	1.00E-04	0.56029689	0.55632674	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20575258	0.64701907	1.11518827	1.51961438	1.00E-04	0.49041951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.04888333	1.00E-04	1.00E-04	1.00E-04	1.48515945
1.00E-04	0.64993987	1.00E-04	1.35419375	0.58193357	0.9436231
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37073618
1.00E-04	0.87554855	1.00E-04	1.00E-04	1.00E-04	0.91818072
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48875286	0.87634654	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.54611412	1.00E-04	1.00E-04	0.10440683	1.00E-04
0.1163586	0.99730148	1.30986649	0.79237511	0.61517397	1.55921919
0.49134585	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89178533	0.566323	1.00E-04	1.00E-04	1.12450093	0.55323863
0.66021506	0.24251465	1.9503961	0.44891413	1.44556921	0.5016449
0.70536937	0.41409474	1.00E-04	2.13985554	2.33757667	2.68917942
0.09292159	1.00E-04	1.00E-04	0.76506038	1.4022759	0.57985417
2.34580054	2.02486796	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74041362
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69136595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87478875	0.88624907	1.00E-04	0.6902533	0.87688369	0.45304823
1.00E-04	1.00E-04	1.00E-04	1.66795245	0.22323289	1.33115341
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.49626678	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.04721655	1.00E-04	1.17088107
1.94743983	1.46310043	1.42763756	1.27672613	0.98101748	1.99469697
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.19347859	1.00E-04	0.64978022	1.00E-04	0.87135296
0.75023767	0.62999079	1.00E-04	0.61072705	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.59574527	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08232316	1.59098561	1.00E-04	0.50430847	0.86888869	1.07842281
3.37137132	3.25313851	1.00E-04	1.00E-04	1.35126182	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.88563595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.69674853	1.00E-04	1.00E-04	0.94293075	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68189862	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.84271777	1.00E-04	0.6902533	1.47656961	1.00E-04
1.00E-04	0.46062364	1.00E-04	1.00E-04	0.98413184	0.31361773
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.52265047	0.9361583	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.67526174	1.00E-04	1.00E-04	1.00E-04	0.25940884
0.09292159	1.00E-04	1.00E-04	1.00E-04	0.51734773	0.70400943
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.1691158
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	0.91915942	1.00E-04	1.00E-04	0.45995863	0.21329315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58113809	1.00E-04	1.00E-04	1.00E-04	0.69469104	1.00E-04
1.00E-04	1.17392285	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30594036	2.8203733	1.00E-04	1.77081712	2.28582503	1.51203656
0.85964435	1.51670874	1.06844428	1.00E-04	1.21941831	1.5177224
0.16178697	0.58812963	1.00E-04	1.00E-04	0.45995863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44777316	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80221069	0.55253127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.28417796	2.28693645	1.00E-04	0.70892528	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.28316224	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4953796	1.61839783	1.00E-04	0.14912336	1.16122663	0.8716886
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.66190635	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14354879	1.21833943	1.40283744	1.66239458	0.82614728	0.75315821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95637509	1.36772673	1.00E-04	1.00E-04	1.14942272	1.17088107
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30060549	1.00E-04	1.00E-04	1.63655126	1.00E-04	0.9089619
1.00E-04	1.00E-04	1.00E-04	0.64386309	1.10091871	0.15499183
2.99271376	3.10653117	2.40739645	2.22239017	3.03290057	2.32249701
0.7339697	0.3708313	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60765791	1.00E-04	1.00E-04	0.65887123	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46739644	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53054394	1.00E-04	1.35105689	1.32010036	0.30913278
2.39907259	2.42758784	1.00E-04	2.43966457	2.70332754	2.7555014
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38069372	1.58157552	1.00E-04	0.15557081	0.67939566	1.00E-04
0.5929689	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.59170191	0.3708313	1.00E-04	1.00E-04	0.48393323	1.00E-04
0.32608229	1.00E-04	1.00E-04	1.00E-04	0.57479248	1.08615276
1.00E-04	1.00E-04	1.00E-04	0.87664623	1.27634722	2.46005789
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78554826	1.00E-04	1.00E-04	0.56487062	1.34124659	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48437207	1.83333383	1.00E-04	1.4562296	0.88051293	1.94557871
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.71911344	1.00E-04
1.00E-04	0.96289389	1.00E-04	1.00E-04	0.41954009	1.00E-04
0.32831434	1.00E-04	1.00E-04	0.69313868	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14929198	2.57179637	1.00E-04	1.12389323	0.75384885	1.76705711
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.63230804	2.2490863	3.82084209	1.51147743	2.53825871	2.19146335
1.8895259	2.11818355	1.00E-04	1.94408053	1.13092957	1.66473427
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64219475	1.10799855	1.00E-04	1.36844336	0.94150901	1.81196419
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54857924	1.00E-04
1.61330288	1.31809099	1.00E-04	1.00E-04	1.00E-04	0.36890356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37747523	1.25126235	1.00E-04	1.00E-04	0.57722862	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55030447	0.75416913	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	1.00E-04	1.00E-04	2.10580906	2.541113	1.7507214
0.30980585	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.80248082	1.00E-04	1.00E-04	0.276319	1.15333585
0.95679329	1.55639616	1.00E-04	1.00E-04	0.32492211	0.50843649
0.90453016	1.24085827	1.00E-04	1.74045461	0.58087218	1.20527357
2.68828007	0.70978369	2.28102325	1.13174128	2.81534509	2.72459056
1.00E-04	1.00E-04	1.00E-04	0.6000906	0.12723689	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.66862807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11609167	1.26734141	1.00E-04	1.69721687	1.15714773	1.21480553
3.52003388	3.01753044	3.33677423	4.19573753	3.61747658	3.61618339
1.64114125	1.47514916	1.00E-04	2.05576559	1.15746673	0.42693264
1.38205896	1.65133473	1.00E-04	1.46219031	0.55632674	0.30661977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2878742
1.00E-04	1.32395851	1.00E-04	0.56487062	1.00E-04	1.00E-04
0.689454	1.00E-04	1.83013888	1.88222418	1.70139714	1.64174154
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.80295674	1.00E-04
8.91595521	8.64194473	9.7918615	9.11471887	8.02160864	7.5645505
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.79592565	1.01811585	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71162396	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46431119	1.00E-04	1.00E-04	0.93476764	0.42455119	0.53054394
0.52161306	0.50469062	1.00E-04	1.74819901	1.00851873	1.05977126
1.00E-04	1.34911458	1.00E-04	1.69352721	1.00E-04	0.57907525
1.00E-04	1.00E-04	1.00E-04	0.37082421	1.00E-04	1.00E-04
0.88011859	1.00E-04	2.02595912	0.58849759	0.35534378	0.54828133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94049402	1.00E-04	1.00E-04	1.00E-04	0.13235227	0.56131478
0.42111345	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62998669	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53651672	0.92382628	3.0049341	2.98759337	3.07547286	1.73299214
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84383301	1.53999856	2.27748158	1.37347312	2.00312503	1.7365288
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18246388	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6761805	2.94882095	1.57238317	2.9832045	2.24031491	2.24914327
0.48564151	1.00E-04	1.00E-04	1.00E-04	0.33327329	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75023767	1.00E-04	1.00E-04	1.61812686	1.00E-04	0.35948108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58972055	1.00E-04	1.00E-04	0.24760841	1.00E-04
0.53612888	1.00E-04	1.00E-04	1.00E-04	0.22725774	0.38032321
1.00E-04	1.00E-04	1.00E-04	0.45683807	0.28093474	0.66952911
0.34600017	1.00E-04	1.00E-04	0.86953679	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.71296225	0.77117836	0.16236604
1.00E-04	1.00E-04	1.00E-04	0.7349394	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.32142667	1.56458592	0.29591257
1.00E-04	0.97760013	1.00E-04	1.00E-04	0.33307364	1.00E-04
0.76033547	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.72411675	1.10961224	2.51346231
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.26720833	2.58236949	1.00E-04	1.54705148	2.56994253	2.43979755
3.63358471	3.30582602	3.16610978	3.50417735	3.85183113	3.45419127
0.81156129	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.88746147	2.78225711	1.00E-04	1.03866126	1.11054731	1.0672794
1.41902873	0.92769294	1.00E-04	0.4783264	0.66694363	1.29413968
1.41769233	1.40778135	1.00E-04	0.64324128	1.00E-04	0.96587894
0.33863567	1.06139066	1.00E-04	1.32019803	2.04219223	1.33363305
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36639306	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25602239	0.68918882	1.00E-04	1.9916984	0.74161121	1.53725332
2.88562361	3.27709762	3.95751921	4.22319251	2.84500864	2.57591783
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62242987
1.00E-04	1.00E-04	1.00E-04	0.79512331	0.57479248	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58646544	1.72902459	1.00E-04	1.00E-04	0.17279347	1.21374895
1.00E-04	0.37215976	1.42763756	2.02535413	2.74115328	2.50318208
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22725774	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.57623019	0.69136595	1.00E-04	0.93779755	1.00E-04	0.40840894
1.00E-04	0.50028658	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.81930474	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.30724701	0.78770757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18556663	0.76361068	1.00E-04	1.00E-04	0.42757985	1.17088107
1.00E-04	1.12176477	1.00E-04	1.05079562	0.39916426	1.00E-04
0.37284702	0.44867039	1.00E-04	1.00E-04	1.5373767	1.38840026
0.64176485	1.00E-04	1.40283744	0.96931493	0.12723689	0.25940884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51042798	1.9406273	1.00E-04	0.69542714	0.65596761	1.17815124

0.15907666	0.36710226	1.75472403	1.00E-04	0.8942159	0.44610034
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24433588
1.00E-04	1.00E-04	1.40283744	1.00E-04	1.00E-04	0.19641509
1.88563675	1.28767239	2.49158895	1.38145921	1.51096314	2.699121
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.09506332	0.69428731	1.44971418
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.83398909	1.00E-04	1.00E-04
1.23295662	1.14730128	1.00E-04	1.86033615	1.54894471	0.95694899
1.93449725	2.02760713	1.00E-04	0.37250181	1.43957093	0.13038568
1.62896036	2.13648756	2.49876771	1.67817204	1.14811596	1.51447785
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17167018	1.58577687	1.00E-04	0.25428292	1.00E-04	0.57907525
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4186102	1.44864277	1.42763756	1.48709355	2.09896173	3.02903881
2.21879367	1.3524331	1.00E-04	0.97157183	0.92773339	1.80555936
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28509766
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15028932	1.00E-04	1.46133917	1.35360178	2.1209485	1.40615805
0.63162278	1.00E-04	1.00E-04	1.02528121	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28805361	1.21095791	2.39042884	1.32435279	0.91546735	0.88153409
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41685102	1.00E-04	2.04595548	1.00E-04	1.15856294	0.86495116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04
2.85730842	3.06932888	1.00E-04	2.11776699	1.99802623	1.80298672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.64423614	1.01682131	1.00E-04	2.15169496	2.14640168	2.00336068
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47900737	0.24251465	1.00E-04	1.29831798	1.66798333	0.9178873
1.00E-04	0.57176089	2.17531885	0.14912336	1.00E-04	1.91361944
0.5929689	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44112676	0.57176089	2.08421616	1.00E-04	0.22206006	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92253755	2.54080566	1.00E-04	0.38224435	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17590512	2.36998033	1.27996271	0.67325668	1.62797013	2.27292547
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09618423	1.00E-04	1.00E-04	1.15638177	0.49240339	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.04039712	0.89930822	1.00E-04	2.21428795	1.36300791	2.20572225
1.00E-04	0.30433976	1.00E-04	1.00E-04	1.00E-04	0.43730888
0.27622926	1.00E-04	1.00E-04	1.00E-04	0.86595835	0.15499183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.12003292	1.6068095	1.08889817	0.95757605	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22206006	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.05467416	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.14927284	1.00E-04	1.00E-04	0.76119895	0.5128789
1.00258872	1.21522291	1.00E-04	1.00E-04	1.00E-04	0.30047008
0.99553895	1.60257186	1.00E-04	1.30142158	0.86799282	0.75704985
0.66598136	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91833136	1.00E-04	1.00E-04	1.00E-04	0.73414939	1.00E-04
1.07700101	1.14927284	1.00E-04	1.7048452	1.71536272	1.00E-04
0.32831434	1.43436549	1.00E-04	1.42719512	0.7642164	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.76506038	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22725774	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52268451	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27874649	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.82041777	1.70240856	1.00E-04	1.04076098	0.75361766	0.74106355
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9111553	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.89642155	1.00E-04	1.00E-04	0.22725774	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.09623661	2.71314232	0.77869964	1.46337856	0.2878742
0.99359366	1.39545674	2.18505109	1.50645757	1.4443102	2.12292068
0.81402316	0.44777316	1.00E-04	1.97458311	1.03139983	1.18009752
1.00E-04	1.00E-04	1.00E-04	1.18027785	0.26843247	1.37323779
1.00E-04	0.7494365	1.00E-04	0.95864566	1.00E-04	1.00E-04
0.81455276	1.00698287	1.00E-04	0.91883416	0.48497572	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.12803385	1.00E-04
1.00E-04	0.9430151	1.00E-04	0.46085181	0.91662683	0.82203721
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45216556	1.37171796	1.00E-04	2.05435416	1.99801132	2.86003028
1.00E-04	0.76648865	1.00E-04	1.53022103	0.82727624	1.00E-04
3.03329071	1.3083428	2.22899124	2.56616304	2.90574276	1.79381815
1.00E-04	1.59089364	1.49210505	0.37180681	1.56382985	1.32196707
0.65593614	1.2603719	1.00E-04	1.00E-04	1.00E-04	0.46873513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55674853	2.41649763	1.00E-04	1.00E-04	1.5102564	1.41663901
1.00E-04	1.2291372	1.00E-04	0.64978022	1.00E-04	1.26798384
1.00E-04	1.00E-04	2.81792521	1.65265104	2.84541119	2.32891344
1.00E-04	1.00E-04	1.00E-04	2.32303729	2.11001193	2.54291011
1.00E-04	1.33121803	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59418646	1.00E-04	1.55314398	0.88636061	0.97371597
0.71720198	0.68583034	1.38754516	0.76113877	1.06234101	1.1413503
1.00E-04	1.00E-04	1.00E-04	1.24481075	1.00E-04	0.800443
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.25189382	1.00E-04	1.00E-04	1.00E-04	1.24698199
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
0.67028524	0.68630804	1.00E-04	0.37082421	0.43319748	0.37965916
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24405756	0.3967811	1.9503961	0.60024425	1.21049087	0.68072806
1.95367582	1.00E-04	1.40283744	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.58410459	1.00E-04	1.00E-04
1.00E-04	0.4932192	1.00E-04	1.00E-04	0.27385755	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34578266	0.43189376

1.00E-04	1.00E-04	1.00E-04	0.41438246	0.21911936	1.00E-04
0.1163586	1.00E-04	1.00E-04	0.46085181	1.24581722	0.35948108
0.48318981	1.00E-04	1.00E-04	0.15557081	0.90668041	1.22905582
2.29406059	2.34202526	2.48700141	1.95816272	1.54187847	1.58078638
0.60252178	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
2.63561041	1.20701058	1.30789632	1.63871623	2.36870881	2.17975959
0.65481446	0.90571514	1.00E-04	1.00E-04	0.1324183	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50592253	0.64887418	1.00E-04	0.76506038	0.72026076	1.3129574
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.13501793	1.54461452	0.46063237
0.4516944	0.44747489	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75023767	0.67227121	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24575289	1.00E-04	0.87222979
1.00258872	1.15240147	1.00E-04	1.00E-04	0.36372495	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	0.21289605	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76266933	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.57977765	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22206006	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.84528238	0.32174827	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.6626693	1.00E-04	1.00E-04
0.52161306	1.00E-04	1.00E-04	1.00E-04	0.85902946	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62998669	1.00E-04
1.94661769	1.44786902	2.46099858	1.12953786	1.86082811	1.80629382
1.00E-04	1.66984909	1.00E-04	0.86686258	1.11065452	1.4375127
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.41929553	1.00E-04	1.00E-04	0.94942514	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.07167623	1.32137556	1.00E-04	2.07410406	1.64903806	2.10901821
0.3786425	1.65717277	1.00E-04	1.00E-04	1.64864005	0.53054394
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.98663962	1.92880517	1.49210505	1.86752924	1.33331267	1.08144044
0.36630267	0.57497591	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.55898923	2.88883772	3.6139842	2.31683422	3.08629238	3.49532546
0.5929689	1.00E-04	1.00E-04	0.25428292	1.22762754	0.88743981
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39068502	1.0333014
0.84091888	1.00E-04	1.00E-04	1.3835924	0.35587677	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72101067	2.36646815	2.28302125	3.17332273	2.50315853	2.37562232
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.39504696	2.2597535	1.00E-04	0.88152357	2.08131766	1.98513049
0.64435322	1.00E-04	1.00E-04	0.56657147	1.00E-04	1.00E-04
1.00E-04	0.68167976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.5153255	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67526174	1.00E-04	1.41935098	1.10741775	1.26079167
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.69034992	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37724529	1.00E-04
2.65047205	3.16175138	1.38754516	2.76025772	3.10729401	2.76307451
1.00E-04	1.00E-04	1.00E-04	0.78559119	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24834324	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.57193083	2.23678181	1.01811585	0.41438246	1.94423363	1.45064019
1.48167128	0.56456051	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32872256	1.84191211	1.27996271	1.00E-04	1.02770164	1.11524967
1.04309858	1.2046447	1.00E-04	1.0022168	1.01510874	1.10858217
1.21464768	1.00E-04	1.01811585	1.00E-04	0.23269493	1.00E-04
0.86313626	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69742645	1.00E-04	1.00E-04	1.00E-04	0.76232431	0.71972996

0.18020261	1.00E-04	1.00E-04	0.73342256	0.18945863	1.79711627
0.71033544	0.78234075	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.73391598	1.52319676	1.00E-04	1.27210687	0.81801716
1.00E-04	0.74888855	1.00E-04	1.00E-04	0.57885604	1.54337875
1.00E-04	1.00E-04	1.00E-04	0.25428292	1.00E-04	1.00E-04
1.5374388	0.9602151	1.00E-04	0.15557081	1.00E-04	1.00E-04
1.49939407	1.00E-04	1.00E-04	0.76113877	1.00E-04	0.74754086
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64168186	0.63361864
2.12611482	1.61882177	1.00E-04	1.02263558	2.016767	1.90206111
1.00E-04	1.00E-04	1.00E-04	0.90998416	0.45834436	0.46104644
1.00E-04	1.00E-04	1.38754516	1.00E-04	1.00E-04	0.68468606
2.79217362	2.89806763	3.32988068	2.84190505	2.99644011	2.70989725
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19384396	1.60857514	2.78999683	2.19092333	1.44984518	1.67640461
1.00E-04	0.45495213	1.00E-04	1.00E-04	0.16793254	1.00E-04
1.00E-04	0.92769294	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58995952	1.11518827	0.41438246	0.8456601	0.44175658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.70120444	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.72937106	0.64223079	1.27634213
0.43243323	1.2864938	1.00E-04	0.44987755	1.21895702	1.89499945
1.00E-04	0.5280252	1.00E-04	1.00E-04	1.12743963	0.65200641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	1.00E-04	1.00E-04	1.00E-04	0.35534378	0.70114606
1.00E-04	1.00E-04	1.38754516	1.00E-04	0.8858382	1.00E-04
1.00E-04	0.92769294	1.00E-04	1.00E-04	0.74789916	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.32836699	1.00E-04
1.00E-04	0.37215976	1.30789632	1.00E-04	1.19200249	1.10824913
1.66077068	0.31765625	1.00E-04	1.00E-04	0.32008236	1.01494099
1.00E-04	0.842007	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96967054	1.01811585	1.11758476	1.11471434	1.41103394
4.91738784	5.07346993	3.91007708	3.73946462	4.1473507	4.91870755
1.20530801	1.00E-04	2.16483827	1.00E-04	0.75239907	1.34823597
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62872675	0.62999079	1.00E-04	1.00E-04	1.96940773	0.9680801
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43785363	1.30986649	1.00E-04	1.00E-04	0.8007554

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75008908	0.86088844	1.11518827	0.98743709	1.36006082	1.53127674
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45834436	1.00E-04
2.7902814	1.76372804	2.95747885	2.45327915	2.51237	2.73480071
1.00E-04	0.88624907	1.00E-04	1.00E-04	0.54937466	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	0.70991074
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89323948	2.39438778	1.00E-04	1.52444336	2.23924919	2.49582911
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.88563595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54599247	0.92874112	2.3620845	1.12069129	0.72420242	1.35114135
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77091482	1.00E-04
1.00E-04	0.5780606	1.00E-04	1.00E-04	0.50118162	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28857149	1.45446	1.00E-04	1.28918745	0.53769813	1.5221252
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.52360732	1.00E-04	1.00E-04	0.54857924	0.16565788
1.10766366	0.90571514	1.00E-04	1.67606483	1.57182965	2.01216831
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48318981	1.00E-04	1.00E-04	1.00E-04	0.61695164	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.23983238	0.94769951	0.40667566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40709304
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.7964001	2.34736035	1.00E-04	0.72536601	0.95004137	1.30340133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
2.03446341	1.47435334	2.54491599	2.38436679	1.65183557	1.4984431
0.86716871	1.57375313	1.00E-04	1.00E-04	1.00E-04	0.58069185
1.00424316	0.78770757	1.00E-04	1.00288096	0.61233403	0.42451619
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4683059
1.00E-04	0.36710226	1.00E-04	0.60024425	0.64723747	1.00E-04
1.00E-04	0.66862807	1.00E-04	1.00E-04	1.00E-04	0.58836182
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69979688	1.00E-04	1.00E-04	1.00E-04	0.16276316	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33848153	1.00E-04
1.00E-04	1.01087377	2.31022934	1.68627438	2.34620128	2.69574199

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24251465	1.52319676	1.00E-04	0.74289333	1.0438859
0.52523255	0.91580179	2.54080566	0.65114092	0.57358482	1.87077575
0.66329157	1.00E-04	1.00E-04	1.00E-04	1.5413963	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.41438246	1.00E-04	1.00E-04
1.26979951	0.91167416	1.91026073	1.78197622	1.66472183	1.24498929
1.64506976	1.00E-04	1.00E-04	1.00E-04	0.13427639	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.53299634	4.46072224	3.70166982	2.43723713	4.09534967	3.97611235
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64556232
1.00E-04	1.34911458	1.00E-04	0.59574527	0.78500535	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27564669	0.45304823
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28404155	0.91754055
0.85294199	1.21746707	1.00E-04	1.00E-04	0.62925662	0.53054394
0.72087393	1.00E-04	1.00E-04	1.00E-04	0.66744725	1.00E-04
1.08682331	0.81589779	1.00E-04	2.22702805	2.00010146	1.54533889
1.00E-04	0.56312682	2.40739645	1.22419207	0.91930525	1.00E-04
2.71033109	2.5171873	2.20889536	1.54266932	2.21650908	2.88577388
1.958971	2.15283882	1.83054554	1.03993249	2.47623881	1.28111171
0.1163586	1.00E-04	1.00E-04	0.20501279	0.11783267	1.00E-04
2.02877509	0.58441889	2.39042884	0.48793187	2.12982449	1.03376485
1.00E-04	1.46658779	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67227121	1.00E-04	1.00E-04	0.17819052	1.00E-04
0.1163586	1.33616639	1.00E-04	1.57200902	1.06282317	1.53102377
1.50129803	1.89037806	2.33957445	1.78510587	2.17604405	2.44457547
2.27992912	1.21177964	2.70026492	3.34699286	3.26686405	2.121406
1.43261824	1.79775846	2.33748797	1.58730023	1.91161015	1.30735652
1.83642597	1.55549975	1.00E-04	0.92911772	1.00290482	1.94695767
1.11193429	1.32289509	1.00E-04	0.76353732	0.16276316	1.01150369
0.53371412	1.00E-04	1.00E-04	1.00E-04	1.32069702	1.33830883
1.00E-04	1.00E-04	1.30789632	1.24703668	1.00E-04	1.6824308
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67284418	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25891243	1.44551406	1.9150802	0.67384177	0.98583471	0.89546246
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55703647	1.00E-04	1.00E-04	0.64138534	1.00E-04	1.00E-04

1.25199921	1.00E-04	1.00E-04	0.91029899	1.00E-04	1.00E-04
0.93834075	0.56456051	1.00E-04	1.00E-04	0.13235227	0.30788028
0.63255951	0.31765625	1.00E-04	1.00E-04	1.51721986	0.2878742
1.00E-04	0.68179762	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38454298	0.93943729	1.40283744	0.79830865	2.11690794	2.00901566
1.40802467	1.22738245	1.00E-04	0.90387367	1.48931569	1.71478469
1.18308907	0.74331533	1.00E-04	1.00E-04	0.79667951	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.89500382	3.4096603	3.63016529	4.13477317	4.34891189	3.63210272
1.00E-04	1.00E-04	1.00E-04	1.19832847	0.71255687	0.89492868
2.41549772	1.13006741	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.93894146	0.34578266	0.2878742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60772963	2.01817862	1.00E-04	1.00E-04	1.31368688	0.61402199
1.00E-04	0.9146484	1.11518827	1.60578921	1.7482537	1.92064627
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31843376	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47805205	1.00E-04	3.31817485	0.94814662	1.44092098	2.28728868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.15473567	1.00E-04	1.00E-04	0.28093474	0.62242987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61152103	0.93290921	1.00E-04	0.71568747	1.51255465	1.33023269
0.58826351	1.00E-04	1.00E-04	1.00E-04	0.19191379	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8785323	0.66397997
4.30485958	4.53259857	4.01204953	3.43520579	3.6633774	3.70803243
0.77467472	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4683059
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26869671	1.00E-04	1.00E-04	1.00E-04	0.343361	0.44347704
3.98444685	4.40645366	2.90935424	3.71280177	3.70043108	4.1506092
3.40982726	3.23194893	1.00E-04	1.77181499	3.06572641	2.36872528
1.00E-04	0.66862807	1.00E-04	0.5393223	0.36372495	0.60388987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4595327	1.00E-04
0.72375712	1.00E-04	1.00E-04	1.00E-04	0.53134517	1.90370378
1.00E-04	1.00E-04	1.00E-04	1.22972813	0.12723689	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.65114092	0.74128414	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	0.75203029	2.93144939	1.2796587	0.19191379	1.14812056

1.00E-04	1.00E-04	1.00E-04	0.61790071	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48013639	1.00E-04	0.67325668	0.33052186	0.41953258
1.13457814	0.44747489	1.00E-04	0.76620686	1.00E-04	1.00E-04
1.00E-04	0.87276769	1.00E-04	1.78205635	1.2717178	0.30047008
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40465048	1.50621899	1.00E-04	1.46620419	1.00E-04	1.08851162
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44175658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.56662099	0.53800788
2.10218128	2.11152326	1.28609943	2.54762136	1.88307259	2.30992272
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56456051	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62581593	1.00E-04	1.00E-04	1.42641207	0.67387996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18229203	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50337509	1.00E-04
1.2892265	0.59924251	1.06844428	0.764425	2.12092352	2.49193809
1.00E-04	1.00E-04	1.00E-04	0.52738567	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.97093798
1.50374503	1.05001998	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66225578	2.43255661	1.95610501	1.51494115	1.45526645	1.4533884
0.59306014	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69167046	1.03629494	1.00E-04	0.58468642	1.00940174	1.19911488
1.10508055	0.67318844	1.00E-04	0.46085181	0.96439762	1.08651504

1.00E-04	1.00E-04	1.00E-04	0.58468642	1.00E-04	1.00E-04
0.47015998	1.56581335	1.81104972	0.20501279	1.61543834	1.19710431
1.00E-04	0.21289605	1.00E-04	1.00E-04	0.33848153	1.00E-04
1.00E-04	1.8752272	1.00E-04	0.15557081	0.9183512	0.72205322
1.00E-04	1.00E-04	1.52319676	0.59680653	1.0357077	1.31899386
1.00E-04	1.04806167	2.04595548	0.97176731	0.81880342	1.06694376
0.68986289	1.45223206	1.42763756	0.65887123	0.89939288	1.35442336
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32943408	0.93631321
0.29610852	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70991074
1.00E-04	0.63220067	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.6377961	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07021726	3.05744704	1.40283744	1.14256762	2.88706153	2.23223151
1.70652491	1.60706326	1.00E-04	0.79237511	0.32008236	2.50254106
1.00E-04	1.14640595	1.00E-04	1.00E-04	0.57885604	0.38032321
1.00E-04	1.38496757	1.00E-04	0.76825397	1.00E-04	1.00E-04
0.59691882	1.00E-04	1.00E-04	1.00E-04	0.39776263	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17279347	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26905279	0.49885661	1.00E-04	1.00E-04	0.49725216	1.14927522
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31843376	1.00E-04
1.00E-04	0.55591422	1.00E-04	0.91883416	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24575289	1.00E-04	1.00E-04
1.32196133	2.32844437	1.00E-04	0.97176731	0.58450605	0.40555046
1.45509495	0.86067462	1.89266115	1.04231394	0.78710834	0.40555046
1.00E-04	1.00E-04	1.00E-04	0.37771766	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.73898438	0.86651014
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34272783
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76490424	1.00E-04	2.08421616	0.14912336	0.47594087	1.00E-04
1.40165684	1.00E-04	1.00E-04	0.43961201	1.0006143	0.30913278
0.85681038	1.55067012	1.75472403	0.57129	0.38100058	0.94621569
1.93247569	2.09063404	1.00E-04	1.32217386	1.43247345	1.87204754
1.00E-04	0.59560932	1.00E-04	1.00E-04	1.00E-04	0.25549896
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78739023	1.00E-04
1.26131906	0.93700716	1.00E-04	1.00E-04	1.00E-04	0.92154516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.16585489	0.68727927
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90726669
0.69627972	0.65837836	1.75318857	0.76806399	1.03804393	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93280457	1.75172595	1.00E-04	2.85755275	1.72719174	2.18993128
0.24405756	0.56368347	1.00E-04	0.25428292	0.42077887	0.25940884
0.70365107	1.00E-04	2.08421616	0.56399031	0.41961341	0.46112954
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94841238	0.41409474	1.00E-04	1.09979779	0.81144057	1.4971597
0.8945181	1.00E-04	1.00E-04	1.16219285	1.59388623	1.00E-04
1.7904536	1.21438885	2.52228149	2.07328052	1.42183554	1.36811231
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32943408	1.00E-04
1.00E-04	0.6377961	1.00E-04	1.00E-04	0.36372495	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65519325
1.00E-04	0.78390163	1.00E-04	1.00E-04	0.17279347	0.13067397
0.1163586	1.00E-04	1.00E-04	0.86014803	0.94942514	1.00E-04
0.6319347	1.00E-04	1.00E-04	1.00E-04	0.45001236	1.00E-04
2.48153996	2.42581885	1.00E-04	2.02908233	2.32695789	2.18849565
1.03389175	1.39083302	2.1943037	2.7269875	2.35512224	2.41032698
1.00E-04	1.00E-04	1.00E-04	1.8343755	1.65727459	0.68390115
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86532772	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.03218544
1.00E-04	0.4932192	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99090222	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68314556	1.20348714	1.00E-04	1.13952685	2.27888863	2.08525727
0.81103579	1.00E-04	1.00E-04	1.53248872	1.43549161	0.90728893
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9643525	0.46785861
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.72536601	1.00E-04	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65703815	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65517993	1.35821079

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.63659938	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93851318	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94689898	1.00E-04	1.28316224	0.90184193	1.00E-04	1.00E-04
0.27093267	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.10590388	1.00E-04	1.20216003	0.98221958	0.76697314
1.00E-04	1.00E-04	1.00E-04	0.63321171	1.00E-04	1.00E-04
1.00E-04	0.60883144	2.08421616	1.00E-04	2.19432553	1.50753397
1.00E-04	1.00E-04	2.91223725	2.02766878	2.95329288	2.3450566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24760841	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37771766	1.00E-04	1.00E-04
2.74785306	2.67707457	3.42120857	2.71013457	3.10697334	3.39383956
1.00E-04	1.00E-04	1.00E-04	0.37771766	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24251465	1.00E-04	0.46085181	1.56679257	0.82203387
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43730888
1.00E-04	0.52991195	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.8650625	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38224435	1.00E-04
0.87550241	1.63606222	1.00E-04	1.13251678	0.98444828	0.68774835
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9148763	1.07702376	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37073618
0.9323496	1.00E-04	1.85693283	1.00E-04	1.84993994	2.18577014
0.60327704	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.71592889	0.63250491
0.5845187	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8626241	0.95939106	1.40283744	0.46633175	0.59177946	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.76232783	1.00E-04	1.00E-04	1.00E-04	0.40665698	0.53812177
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
10.4886278	10.4874051	11.1270518	10.7223027	9.31192982	9.04654251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47010325	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90158563	0.78691146	1.00E-04	1.00E-04	1.1879761	0.60833489
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53888819	0.53738242	1.00E-04	1.00E-04	0.96633765	1.00E-04
1.00E-04	0.67158499	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29028813	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55282829	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49007695	1.00E-04	1.00E-04	1.12405541	1.91696632	1.33847651
1.22052999	0.45495213	1.00E-04	0.46085181	1.12896711	1.16715528
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84174121	1.00E-04	1.00E-04	0.64978022	1.87064599	0.9914621
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.52812965	1.00E-04
1.90855113	2.69213275	1.00E-04	1.76997633	2.52061223	2.29575518
1.01401322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.5393223	1.00E-04	1.00E-04
0.8444645	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.9503961	0.98671283	0.96241635	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25199921	0.54611412	1.69994631	2.54235015	1.61683258	1.2470779
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43163139	1.00E-04	1.00E-04	1.00E-04	0.57358482	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.24576724	3.20014387	2.46883592	3.24362573	3.36579919	3.57902464

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32174827	1.00E-04
1.22892813	0.69136595	1.00E-04	0.55437397	1.07219839	1.34509636
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67284418	2.52228149	0.72267013	0.27033643	0.70400943
1.00E-04	1.00E-04	1.46133917	1.00E-04	1.37511522	1.22485433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44112676	1.34693114	1.46133917	1.00E-04	0.30390784	0.4273841
1.00E-04	1.00E-04	1.00E-04	0.5252732	1.00E-04	1.32321965
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
1.27160693	1.3661244	2.49818012	1.74408728	1.14528456	2.45058666
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49041951
1.48136016	1.8932549	1.00E-04	2.68331671	2.31490045	2.70674936
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63771785	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.31487727	1.00E-04	1.00E-04	1.22915167	2.07842651	0.67633377
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92349562	1.00E-04	1.00E-04	1.00E-04	1.03189146	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9457469	0.76710006	1.00E-04	1.32674803	0.85427943	0.60360132
0.82711346	1.00E-04	1.00E-04	1.34164667	1.25871604	0.96857435
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83189259	0.43066061
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.80642779	1.38754516	0.62896086	0.36580327	1.60512698
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.03913506	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32854769	1.00E-04	1.00E-04	1.00E-04	1.30195376
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.95551225	0.78768369
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61021201	1.00E-04	1.00E-04	1.66805921	1.37386986	2.30229968
1.00E-04	1.00E-04	1.00E-04	0.28453275	0.22206006	0.26767025
1.4253901	1.96697635	1.11518827	1.34190582	2.05409857	1.17281722
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72375712	1.00E-04	1.00E-04	1.49869197	1.3693954	1.08609818
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45881046	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89711149	0.8876832	1.00E-04	1.00E-04	0.39916426	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.66641237	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.27168218	2.32777466	2.24726389	2.43405095	2.47394552	2.56640092
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55006408	1.28084357	1.40283744	1.66040592	0.99669623	1.35419147
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29610852	0.62495469	1.00E-04	0.4266763	0.54937466	0.98565474
1.94162817	1.96953725	3.35867024	3.30153399	1.64792172	1.8490659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.52345452	2.48950279	2.08421616	1.00E-04	1.40987009	1.69165324
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.52490587
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.20151443
0.73425373	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.65068802	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56508007	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29610852	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.7801124	0.45716681
1.53422132	0.72677262	1.00E-04	1.38643688	1.40169949	1.06405657
1.00E-04	1.02424798	1.00E-04	0.52138741	0.33327329	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16793254	0.52479524
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53687768	1.00E-04	1.00E-04	0.3883143	1.53351817
0.64435322	1.00E-04	1.00E-04	0.93139991	0.17279347	1.00E-04
1.33648467	1.00E-04	1.00E-04	2.2894511	0.84090077	1.61256845
2.6084542	2.45198435	1.30789632	1.69618652	1.83879342	2.6079211
2.07346988	2.50168886	1.00E-04	0.89059596	1.42242131	1.49676829
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76902563	2.29160096	2.6235984	2.16066551	2.70779677	3.27978113
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32854769	1.00E-04	1.34600957	0.16793254	1.32970201

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50540032	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.27996271	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.44891413	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.59528506	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58683111	1.00E-04	1.00E-04	0.95864566	1.00E-04	1.00E-04
2.62264191	2.14263526	1.40283744	1.71025696	1.98443534	2.01839823
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61094949	2.38015383	2.28302125	0.75725904	1.6278919	1.08234451
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62242987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.17073067	1.30986649	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.28451623	2.06285982	3.24395976	3.58554508	3.30226421	4.09435049
1.00E-04	1.00E-04	1.00E-04	1.02886389	1.00E-04	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62170501	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55840391	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.10153202	0.98784937
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63771028	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.86067462	1.00E-04	0.15557081	0.12723689	1.14326557
0.32608229	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96579515	0.49626678	1.11518827	0.90288502	1.41368387	1.24482326
2.40536958	2.02550456	1.30986649	2.40671964	2.3016106	2.47259111
0.97912	0.8180596	1.30986649	1.37231103	0.66619517	0.66719315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58162891	0.92387651	1.00E-04	1.83951781	1.51679258	2.27002129
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49732005	2.07083117	1.00E-04	1.49823373	1.73530498	1.99817771
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82727624	1.00E-04
2.13622685	1.68689064	1.00E-04	2.82605641	2.74433015	2.64908484
0.89810663	0.86765272	1.00E-04	1.00E-04	0.55632674	1.00E-04
0.51044831	0.43785363	1.00E-04	1.00E-04	1.00E-04	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26478902	0.84410758	1.00E-04	0.70263718	0.63738487	1.00E-04

0.2424282	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.80306694	1.00E-04	1.00E-04
1.00E-04	0.70638095	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25199921	1.54059015	1.00E-04	0.56487062	0.86557266	1.00E-04
4.2982319	3.81376792	2.3824664	2.89343209	4.40820046	3.48321935
3.49768756	3.7471145	2.38763995	3.71330151	2.9072881	2.98240902
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.78691146	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67318844	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.53821433	1.00E-04	1.00E-04
2.69460079	2.52363444	1.28609943	1.56048785	2.48913004	2.07557658
1.00E-04	0.45118201	1.00E-04	0.50430847	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94679648	1.143381	1.00E-04	1.89424179	2.24757302	1.67489126
2.12288673	2.12250612	1.00E-04	2.12790229	2.32106168	2.59456234
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41103745	0.59418646	1.00E-04	0.37250181	1.20967792	1.22741915
0.37284702	0.8316515	1.00E-04	0.7537902	1.00E-04	0.50906749
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56648379	1.00E-04	1.00E-04	0.75936443	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62739879	1.00E-04
1.74163416	1.92251584	1.00E-04	1.61842653	2.22668373	1.78697871
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27630131	0.62581593	1.75472403	0.25428292	0.91659102	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.77357558	1.00E-04	1.00E-04	1.43745884	2.1935156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.66491371	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.662901	1.70544309	1.40283744	1.97520709	2.56707794	1.47640104
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.6152583	2.39347704	1.38754516	2.13267974	2.62361292	2.10452042
1.00E-04	0.43785363	1.00E-04	1.00E-04	1.00E-04	1.55921919

1.00E-04	1.3238066	1.00E-04	1.20510573	0.97568877	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.45952656	1.7376959
1.00E-04	1.00E-04	1.00E-04	0.4266763	0.49392672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.29539766	1.00E-04	1.00E-04	0.88886241	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62657266	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.80029234
1.00E-04	0.65326668	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.85117793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.9989809	1.40283744	0.46085181	1.00E-04	1.00E-04
0.72842404	1.00E-04	1.00E-04	1.11747906	1.00E-04	1.37131659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49315536	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.32854769	1.49210505	1.00E-04	0.47843456	0.99944561
1.50808264	1.71154837	1.28609943	2.04336544	1.32118408	1.09090742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.7639348	0.56874469	1.06844428	1.00E-04	0.79825736	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.97945217	1.6068095	1.00E-04	1.00E-04	0.28534395
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77562963	1.00E-04	1.11518827	1.00E-04	0.32492211	0.97093798
1.00E-04	1.2450782	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.69419018	2.00905634	1.06844428	1.01221779	1.72688961	1.42679911
2.52879783	2.46620081	1.38754516	1.70318355	2.25065421	2.40629501
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.59680653	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.9039174	1.00E-04	1.00E-04
2.16816948	3.07619232	1.00E-04	1.0911459	2.84859326	2.76675796
0.98107486	1.222805	1.00E-04	1.42437045	0.12413672	1.20151443
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4783264	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.57264305	1.0351123	1.16607566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55132028	0.56456051	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.83937507	1.8720483	2.92607586	2.42053191	3.36357251	3.03487463
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.23285384	1.45141191	1.00E-04	1.19717455	0.23630946	1.15127948
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30433976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58316053	0.84395439	1.72441395	1.66244565	1.9843591	1.75880506
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37771766	1.58043222	1.00E-04
1.00E-04	1.00E-04	1.49210505	1.14008059	1.00E-04	1.45241386
1.00E-04	1.00E-04	1.00E-04	1.81082175	1.64159825	1.48430419
1.00E-04	0.30163127	1.00E-04	1.06571691	0.34578266	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73667733	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19270543	1.28249756	1.00E-04	1.00E-04	0.34573513	1.00314762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49979907	2.54458957	2.08421616	1.99403317	1.47583022	1.99746332
1.00E-04	1.00E-04	1.11518827	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44137171	1.00E-04	1.30789632	1.00E-04	0.46900124	0.92154516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	0.67387996
1.00E-04	0.53687768	1.00E-04	0.85722768	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.90002347	1.96827365	2.19528676	1.79147686	1.27548601	1.49236046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.56487062	0.92946343	0.9089619
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17279347	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55434479	1.76213957	1.00E-04	1.90289923	1.43937354	1.71435064
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9251117	1.00E-04	1.00E-04	0.49595628	0.17279347	0.50428197
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16448447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.60507862	1.00E-04	1.27996271	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.65719881	2.58654009	2.51557512	2.18196534	2.64678091	2.66532008
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68372907	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67526174	1.00E-04	1.00E-04	0.5021994	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.53726822	3.67929705	2.20686243	2.54631916	2.9307962	2.80453156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.5366743	1.00E-04
1.55698717	1.12859058	1.81104972	1.76371912	1.59354729	1.00E-04
1.39549652	1.35116869	1.00E-04	1.87771109	1.64036489	1.35002457
2.91175459	2.48177512	2.54051082	2.88431549	1.76075798	2.41491752
1.00E-04	1.00E-04	1.00E-04	0.84653972	1.00E-04	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.50919734	1.00E-04	1.00E-04	0.54922401
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37484237	0.59232953	1.00E-04	1.31120022	0.64581869	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34328809	1.37858018	1.00E-04	1.24921139	2.27387644	1.72620784
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89999551	0.90571514	1.01811585	2.20321598	0.85650392	1.90938353
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.10468876	2.60116092	2.00840892	2.22747434	2.80782565	2.61530377
1.00E-04	0.41409474	1.00E-04	0.92906465	1.00E-04	0.30047008
0.29610852	1.28897321	1.99302242	2.14133045	2.80988822	2.71800821
1.00E-04	0.67526174	2.45034925	1.34650441	1.35655336	1.45301776
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.98686145
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	0.48913524	1.00E-04	1.00E-04	0.80865502	1.09221315
2.25800911	0.3708313	1.00E-04	0.51879438	1.15845567	2.200904
1.00E-04	0.78691146	1.00E-04	0.63321171	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96289389	1.00E-04	1.00E-04	0.26654268	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.82673555	0.75772264	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07193349	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.06844428	1.38510053	0.61616478	0.92175859
1.76494813	2.3386887	3.51385995	1.94906498	2.0818065	2.86380484
1.06352269	1.00E-04	1.00E-04	1.16338286	0.68042773	0.68727927
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20280944	1.47451594	2.36258242	1.96699734	1.04208561	2.0992232
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.69313868	0.63738487	1.00E-04
2.5795582	2.04534696	1.00E-04	1.58630771	2.21133572	1.87917821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45044286	0.94686078	1.00E-04	1.05386994	0.87200552	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58106834
1.48575803	1.23159702	1.91177822	1.27673116	0.22206006	0.70400943
1.00E-04	1.00E-04	1.42763756	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47462842	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49134585	0.5280252	1.00E-04	0.86473302	1.00E-04	0.12854881
0.16178697	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.60563539	4.00547978	3.88017457	2.87577686	3.69213127	3.06347693
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.11518827	1.00E-04	0.74289333	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.9424835	0.80626265	2.33104437
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.20807923	2.28946292	2.31349279	1.7803957	1.6120429	1.61111114
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.14367718	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.4266763	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47462842	0.3972097	1.00E-04	0.87693458	0.27343452	0.63250491

1.8748035	1.67343477	2.85393148	2.03141392	1.88505596	2.03851222
0.60893139	1.70297667	1.74110187	1.86290024	1.17622491	0.95330352
1.00E-04	1.00E-04	1.00E-04	0.46085181	1.10276961	1.40550215
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10131855	0.63220067	2.49071003	1.14014461	0.99729209	0.97377108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45118201	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50857658	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29628668	0.86961246	1.00E-04	1.45237144	1.17986452	1.35315815
1.39231671	2.52315644	2.68982563	2.32416885	2.04865397	2.31711238
0.92188652	1.40764745	1.00E-04	1.00E-04	0.69078871	1.26497469
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46253117	1.00E-04
3.22088243	2.91216517	1.57312553	1.21750296	2.66217443	1.7078127
0.63402236	0.49626678	1.38754516	0.58417725	1.06114126	1.07017714
2.1858456	2.03970462	2.68930982	2.42108838	2.31139606	2.37517151
0.57346664	0.45118201	1.00E-04	1.00E-04	0.35063257	1.20189708
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32197209	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50369671	0.72542868	1.00E-04	0.56029689	1.68363922	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.54676642	0.53844945	1.04134541
2.1750333	2.48866091	2.62729997	2.35878728	2.08927565	2.10402229
1.00E-04	0.60883144	2.04842855	0.71860592	0.88886241	1.16860489
1.00E-04	1.00E-04	1.00E-04	0.46633175	0.19941384	1.03532836
1.00E-04	1.00E-04	1.00E-04	1.44228796	0.77692034	0.68390115
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34078751	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77194867	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82240454	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63255951	0.91792461	1.00E-04	1.99544865	1.68663598	0.71584687
0.48564151	1.53610246	1.00E-04	1.2300194	1.00473876	1.83825085
0.16178697	0.86125158	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08646158	0.92769294	1.11518827	0.78018664	1.80877435	2.11272974
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.90627653	1.00E-04	1.00E-04
1.98995686	2.0066684	2.61471256	2.22738862	0.67400647	1.85847274
0.6596661	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.28609943	1.00E-04	1.00E-04	1.00E-04
0.73897369	0.4887782	1.00E-04	0.7349394	1.00E-04	1.57560228
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59418646	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.25428292	0.0905788	0.85278439
1.53603391	1.24859565	1.74110187	1.49124358	0.88994363	1.00E-04
1.00E-04	0.49626678	1.00E-04	1.00E-04	0.47711017	0.13038568
0.68386818	1.573524	1.00E-04	1.90487404	0.34578847	1.63114143
0.27093267	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21329315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25216623	0.19641509
1.00E-04	1.51976315	1.00E-04	0.24575289	1.00E-04	1.70297692
1.54661169	2.02626561	1.00E-04	0.30764686	0.87963457	0.74294388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6853338	1.18727395	1.00E-04	1.00E-04	0.0905788	0.64548125
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.89408742	1.00E-04	1.6068095	1.49029144	0.68701705	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.64315265	1.28490663	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
2.56925769	2.86993048	1.98585178	1.48939821	1.17496617	1.8866826
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.56029689	0.42757985	1.00E-04
0.39859373	1.25664105	1.00E-04	1.51370689	0.33848153	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.17150769	1.00E-04

1.00E-04	1.00E-04	1.01811585	1.00E-04	0.74227834	1.17111646
1.03829446	0.96289389	1.6068095	1.20061702	1.55166408	1.00E-04
0.84153928	1.00E-04	1.00E-04	2.14539968	0.73753588	1.00E-04
1.68183227	1.2428929	1.00E-04	1.34339174	1.95656922	0.67630142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92031514	2.04595548	1.09403695	1.04872534	1.06185673
0.62080191	1.00E-04	1.00E-04	1.00E-04	0.10440683	0.27250157
1.00E-04	0.69835557	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.20574382	1.64427061	1.00E-04	0.6717016	0.96308702	1.30704301
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13764926	1.32420698	1.00E-04	1.04817273	0.9472859	0.5579205
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49815381	2.23037478	1.00E-04	1.00E-04	1.71877707	1.82634569
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9666051	1.00E-04	1.00E-04	1.07669043	1.95320489	1.46282478
1.00E-04	0.99697199	1.00E-04	1.32450684	2.17966716	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53014199	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94768045
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32008236	1.00E-04
0.33099482	1.14927284	1.00E-04	1.00E-04	1.00E-04	0.93127485
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15499183
1.00E-04	1.00E-04	1.00E-04	0.6902533	1.0783747	1.32721124
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16448447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.64315265	1.00E-04	1.00E-04
1.00E-04	1.21746707	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.79512331	0.56850619	1.76260141
1.00E-04	0.65326668	1.38754516	1.67263095	0.84570108	0.20628126
1.00E-04	0.53054394	1.76382238	1.34709455	1.87297035	0.84328594
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4362065	1.00E-04
1.00E-04	0.71162396	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9209661	1.00E-04	1.01811585	1.00E-04	1.00E-04	1.00E-04
0.6967263	1.00E-04	1.00E-04	0.79306028	0.21911936	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.2068352	1.00E-04	2.64113278	1.57741126	1.81112968
1.00E-04	0.30433976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9209661	1.60800506	1.00E-04	2.25637279	1.32118694	1.88769075
0.48875286	0.81479847	1.01811585	1.00E-04	1.47835714	0.81486079
0.77562963	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.56631227	0.18229203	0.13038568
1.00E-04	1.00E-04	1.00E-04	0.65562728	0.36326031	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.86071357	3.65501463	2.51463301	3.70547046	3.44344916	3.21943704
1.00E-04	0.93510772	1.00E-04	1.00E-04	0.63320368	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.80840231	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36708358	0.60493976	1.00E-04	1.28244527	1.05968755	2.23441001
1.29902832	0.86067462	1.30986649	2.38485568	2.49592864	2.58430374
1.22046953	1.8246399	1.00E-04	1.14239066	1.55964574	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23654757	1.00E-04	1.00E-04	0.49600825	2.03036243	1.81122106
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.78025129	0.42077887	1.00E-04
0.66644555	1.00E-04	1.00E-04	1.00E-04	0.49725216	0.92964171
1.00E-04	0.75174116	1.00E-04	0.2788676	0.52284511	0.67387996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.01811585	1.00E-04	0.3340074	0.48063511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68166237	1.04584264	1.00E-04	1.57790407	0.91290268	0.94638224
0.09292159	0.57077907	2.00743688	1.00E-04	0.15700548	1.44330664
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87530084	3.29994935	2.8811525	2.53853569	3.2768731	3.27135879
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24500901	1.05218623	1.00E-04	2.31049682	2.05343065	2.8973923
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37624481	0.99255677	1.00E-04	1.00E-04	0.31628849	1.00E-04
1.15758938	0.8829895	1.00E-04	1.00E-04	1.02630249	1.00E-04

1.00E-04	0.67526174	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09457395	2.04617039	1.11518827	1.39594902	1.472826	1.73493727
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.47235434	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.91715715	1.34858672	2.10092533	2.01884608	2.50309914	1.86320786
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	0.13067397
0.09415495	1.0816107	1.00E-04	0.65562728	1.49915334	1.55073288
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88329156	2.37149793	1.06844428	1.11108692	1.56137333	1.05485408
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.89621647	1.00E-04	1.00E-04	0.17279347	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96661825	2.06813082	1.00E-04	0.68902433	0.84824668	0.74066433
2.82847726	2.15409819	2.7308259	2.80716912	3.11012378	3.09111965
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.6377961	1.00E-04	1.00E-04	0.76119895	1.00E-04
1.86525151	1.83461287	1.42763756	2.11933425	3.13616258	2.59900238
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.93022784	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.13067747	0.89064064	0.62242987
2.78804206	3.24531081	1.00E-04	1.00E-04	0.55162746	1.00E-04
3.96739381	4.1614403	1.28609943	3.02024167	2.69389964	3.48324997
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42757985	1.00E-04
1.44577605	1.64628498	1.00E-04	1.55928693	2.63728128	1.22853096
0.1163586	1.19332074	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47422388	0.98523098	2.08421616	1.1245101	0.98674224	0.90735129
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61152103	0.97356765	1.00E-04	1.06480553	0.55956325	1.17088107
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57885604	0.83508919
1.80986509	1.01613188	2.19079503	0.60372301	0.22725774	1.53385994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	2.08095863	2.52443178	2.81963707
1.00E-04	1.00E-04	1.00E-04	0.86704502	0.69558204	1.00E-04
0.93851318	1.00E-04	1.00E-04	1.00E-04	0.34669369	0.49041951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08002679	1.32382338	1.00E-04	1.6901483	1.13754883	2.13522432
0.37484237	1.0823475	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.38420996	1.28542239	1.76077422
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97713634	2.21843056	2.04595548	1.18252882	0.97887992	0.55036061
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8682204	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00236528	1.25822557	1.00E-04	1.78161711	1.07950311	0.85540771
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5579205
1.00E-04	0.45495213	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4887782	1.06844428	0.68902433	0.74320366	1.00E-04
0.86466629	2.13203438	1.00E-04	0.61790071	1.00E-04	0.78004197
1.00E-04	0.67284418	1.00E-04	1.00E-04	0.57479248	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73897369	1.84452153	1.75472403	1.00E-04	1.00E-04	1.00E-04
2.54101414	1.92141083	1.00E-04	0.65562728	0.08158092	0.72644607
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86450552	1.0345186	1.00E-04	1.00E-04	0.51000573	0.64152968
1.3924222	1.09408728	1.00E-04	0.74310137	0.52504978	1.25512651
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21764412	1.18531272	1.00E-04	0.82515197	0.12723689	1.70858122
0.71720198	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80455443	1.77592043	2.47621138	1.9640491	2.26072669	2.05913609
2.19738626	0.62581593	1.00E-04	0.97967775	1.1336828	1.15150467
1.00E-04	0.79592565	1.00E-04	1.27921359	0.72021415	1.80422385
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04
1.00E-04	1.10576423	2.32722852	1.98592517	1.00E-04	1.45182827
1.00E-04	0.7090563	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.44270952	1.00E-04	1.00E-04	0.12413672	1.00E-04
0.1163586	0.37215976	2.20934452	0.74392763	1.66750014	0.61829434
1.00E-04	1.00E-04	2.1943037	1.00E-04	0.79734239	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.60493976	1.00E-04	1.00E-04	0.78739023	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40850475	1.02760975	1.00E-04	1.00E-04	0.50337509	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17279347	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.99697056	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15499183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50045326	0.61419632	1.00E-04	1.00E-04	0.88886241	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.04220694	1.00E-04	1.00E-04	0.33307364	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03644198	1.00E-04	1.00E-04	0.65887123	1.00E-04	1.00E-04
1.12305814	1.00E-04	1.00E-04	1.03442665	1.43138249	1.96467186
1.00E-04	1.0823475	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64318133	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57497591	1.00E-04	0.79306028	1.00E-04	0.55323863
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62160043	1.46133917	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23269493	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.72937106	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52586187	1.00E-04	1.00E-04	0.79830865	0.95351484	0.99711626
2.02920843	0.89117944	2.46099858	0.2788676	0.59989148	1.01635239
0.67325245	1.00E-04	1.00E-04	0.88756361	2.19501395	2.20493386
0.52058037	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4932192	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.34385176	1.00E-04	1.00E-04	0.22206006	1.00E-04
1.00E-04	0.67526174	1.00E-04	1.00E-04	0.50337509	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.56399031	1.00E-04	0.28509766
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91499273	1.34662732	1.40283744	0.90265252	1.00E-04	0.59379497
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33004234	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80652316	1.05577313	1.00E-04	1.00E-04	0.93781428	0.44175658
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71655627	1.00E-04	1.00E-04	1.00E-04	0.96500236
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.65900518	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.08889817	1.00E-04	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35948108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.39596165	1.00E-04	0.20628126
0.65481446	0.71162396	1.00E-04	1.46731033	1.45928786	0.63361864
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.00E-04	3.81554915	2.25130039	2.90417094	3.3332997
1.00E-04	1.00E-04	1.00E-04	0.79846192	0.24760841	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.01460945	1.00E-04	0.60854564
1.7422161	1.59914152	1.00E-04	1.60402043	1.09474022	1.10567086
0.66644555	1.00E-04	1.00E-04	0.59574527	1.00E-04	1.00E-04
0.37484237	1.20001941	1.00E-04	1.00E-04	1.54042446	0.85526335
1.00E-04	1.00E-04	1.00E-04	0.67521107	1.00E-04	1.00E-04
2.82248976	2.35089979	1.00E-04	1.45305196	2.34337346	1.32636193
1.17232681	0.97209545	1.00E-04	1.00E-04	1.52420547	1.18745207
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92425221	0.36710226	1.69994631	1.58748468	0.08158092	0.30974433
1.42543639	1.00E-04	1.00E-04	1.80497517	0.23239377	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58238565	0.90571514	1.00E-04	0.71860592	1.7009925	0.65124634
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.33657183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.74114016	1.00E-04	1.6068095	0.93995654	1.15997645	1.26389601
1.09720173	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.46423373
0.9230346	1.18589656	1.00E-04	1.00E-04	1.12653602	0.63644258
0.73100112	1.00E-04	1.00E-04	0.94346086	0.70532318	0.76916177
2.34986363	2.84650937	1.30789632	3.14257081	3.43283988	3.3481331
2.02508288	1.00E-04	1.00E-04	0.82161535	2.19187856	2.08202575
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47653388	1.00E-04	1.00E-04	0.87372373	0.41010519	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.43392554	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32927451	2.65794726	1.00E-04	1.00E-04	0.11783267	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66644555	0.59374324	1.00E-04	1.95966206	1.34155361	1.44689212
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15557081	1.00E-04	1.00E-04
1.00E-04	1.18727395	1.00E-04	0.25428292	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98769322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2866935	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50337509	0.43730888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.32840112	0.66049242
2.65054876	2.73018022	3.70236519	3.26531606	3.21833699	3.06560471
1.90192152	2.53947453	3.10826777	3.32304264	3.5206361	3.95172348
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53566633	1.00E-04	1.00E-04	1.01783316	1.00E-04	1.26452013
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72251853	1.00E-04	1.00E-04	0.20501279	0.49214074	0.2878742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.46739644	1.00E-04	1.00E-04	0.68354979	0.67182388	0.65124634
1.00E-04	1.00E-04	1.28609943	0.87332844	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.19590207	2.54054058	1.75472403	1.57783336	1.45614325	2.29897877
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75319552	1.00E-04
0.35507067	1.00E-04	1.00E-04	1.00E-04	0.49981427	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.39747641	1.81946276	1.73497509	2.98384052	2.54384517	2.34050407
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91337419	1.00E-04	1.00E-04	0.67915539	0.25103438	1.00E-04
1.00E-04	0.69136595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77916737	0.84355469	1.00E-04	1.45786291	1.22922394	0.62916979
1.00E-04	0.3972097	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.82344747	1.00E-04	1.00E-04	0.61305105	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95361756	0.7969366
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.99711626
2.54353049	1.57625476	1.06844428	1.2736968	1.67829143	1.69361422
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66644555	1.00E-04	1.00E-04	0.66574538	0.81401049	0.95745076
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50204647	1.00E-04

0.88096186	0.90401646	1.00E-04	1.00E-04	1.1122528	1.26165892
1.00E-04	1.00E-04	1.00E-04	0.75133275	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55810642	1.14397998	1.00E-04	1.00E-04	1.17778845	0.34272783
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82432854	1.51886161	1.00E-04	1.26894685	2.29803616	2.10272228
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	1.00E-04	1.00E-04	0.60372301	0.65334627	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.92594064
1.00E-04	1.00E-04	1.00E-04	0.68902433	0.37624996	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95194063
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.00E-04	1.28316224	1.00E-04	0.75709101	1.00E-04
1.28402991	1.23237602	2.26969129	0.5730619	0.54414793	0.60854564
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.40534895	2.56080642	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.33367967	3.13211568	1.00E-04	1.00E-04	0.96378883	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41080213	1.00E-04	1.00E-04	2.49952093	2.53305698	2.73859114
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21479637	2.2509461	1.00E-04	1.87154206	1.39155338	1.00715244
2.06174574	2.74169627	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.7913857	3.93130681	2.10092533	1.34178356	1.93758059	1.98155097
0.29610852	1.20022117	1.00E-04	0.59838119	1.00E-04	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22206006	0.92154516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.52738567	0.40232738	0.16565788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5256597	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
0.27093267	1.00E-04	1.01811585	1.00E-04	0.89588063	0.91945114
1.00E-04	1.07191113	1.00E-04	1.00E-04	1.43186619	1.43999905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28088901	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.5292097	2.23783116	4.61217321	5.3211322	4.64926597	3.97210531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.75472403	1.00E-04	0.45952252	1.00E-04
1.30652414	2.2109943	1.00E-04	1.77120137	1.73181054	2.5172632
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41271906	0.31227169
1.60525786	2.3834633	1.00E-04	0.37250181	1.00E-04	0.65519325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.21350931	1.7592127	1.00E-04	1.78789043	1.86428381	1.3182772
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	0.48013639	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.51975702	2.06750826	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.87372373	1.00E-04	1.00E-04
1.59212337	1.33172074	1.06844428	1.41821034	1.06269876	2.02719824
1.00E-04	1.00E-04	1.00E-04	1.11467264	1.00E-04	1.00E-04
1.00E-04	0.67318844	1.00E-04	1.00E-04	1.00E-04	0.2878742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36639306	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.92065407	3.46520238	3.2693779	3.71115579	3.38745499	3.25525389
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08484538	1.00E-04	1.00E-04	1.42866346	1.00E-04	0.30974433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73861886	1.61293942	2.18505109	1.63596235	0.38224435	1.16037737
1.22066589	0.91197032	1.30986649	1.48585875	1.29302965	1.22718205
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77955777	1.35748356	1.00E-04	1.60330483	1.00E-04	0.77780814
2.67249482	1.90794333	1.00E-04	1.23098429	1.68304961	1.69997778

2.42122816	2.37347762	1.30789632	1.01031397	1.31636663	0.66911247
1.00E-04	1.00E-04	1.00E-04	0.56029689	1.00E-04	1.00E-04
1.00E-04	0.44777316	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4365896	1.00E-04	1.00E-04	1.00E-04	0.97894318	0.56269138
0.75008908	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.04339684	2.14371117	2.83372962	2.73361936	2.95717385	2.86113144
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.59680653	0.36807087	1.38103626
0.74972965	1.00E-04	1.11518827	0.93655872	2.14821141	1.98851672
1.00E-04	1.00E-04	1.00E-04	1.72318368	1.55097441	1.85091909
1.5083911	1.00E-04	1.28609943	1.02738213	0.88545288	1.07059724
1.00E-04	0.78691146	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03906235	1.54968003	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21928537	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.73342256	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29028813	0.75900887
1.07118224	0.8111827	1.00E-04	1.00E-04	0.86192772	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.59034814	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34580631	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13470268	1.30516497	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.50430847	1.00E-04	1.00E-04
2.14341724	2.21829225	3.74759614	3.14080076	3.13226475	3.60389668
1.26167089	0.71964489	1.00E-04	1.004923	1.77732889	2.03173179
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.34936795	2.18709333	1.11518827	2.3692884	2.34511813	2.04912322
0.29810286	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7090563	1.00E-04	1.00E-04	1.00E-04	0.5579205
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01529744	2.23247503	1.00E-04	0.37771766	1.26990139	0.67593468
1.00E-04	0.62160043	2.28302125	1.29516753	1.06066002	1.98590655
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.49592013	1.14640595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82936983	0.83844605	1.49210505	0.49600825	0.16276316	1.01150319
0.75331114	0.92253755	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.08889817	0.32174827	1.00E-04
1.01108912	0.21289605	1.00E-04	0.58468642	0.32943408	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69979688	1.00E-04	1.00E-04	1.00E-04	0.43517553	1.00E-04
1.11493577	0.79592565	1.00E-04	1.00E-04	0.17279347	1.00E-04
0.43243323	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	0.14912336	0.72308265	2.03968764
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36890356
2.72442744	1.95068545	1.82713664	1.69686673	2.05928762	1.96340706
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.07136863	4.8769919	1.00E-04	1.51267772	1.12444791	2.18456991
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.76259626	1.00E-04	1.00E-04	1.00E-04	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08213076	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.58871261	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.78025129	1.00E-04	0.30974433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.6377961	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56874469	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.97176731	0.39090832	1.04880322
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99850881	1.35687714	1.81104972	0.59574527	0.94406547	1.34029874
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37771766	0.84716445	1.21585335
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
1.51247207	1.74945213	1.28316224	1.94955701	1.50927701	1.9958675
1.00E-04	1.40205457	1.00E-04	1.00E-04	0.68701705	0.58836182
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.91737734	0.63913365	1.00E-04	0.87030984	1.00E-04	1.00E-04
1.27965054	2.30550931	1.00E-04	0.7186938	0.49392672	1.93163565
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.08424027	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40771349	1.32830149	1.00E-04	1.00E-04	1.14958389	0.30974433
1.00E-04	1.00E-04	1.00E-04	0.58884863	1.54717335	1.14393952
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29810286	0.61419632	1.00E-04	1.00E-04	1.41088622	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.64324128	1.54385681	1.14081023
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	0.66862807	1.00E-04	1.00E-04	0.22439264	0.15499183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1481644	1.00E-04	1.00E-04	1.00E-04	0.84289952	0.30661977
2.31968791	2.83835631	1.27996271	1.86390906	1.47001139	2.20765818
0.09415495	0.63344667	1.00E-04	0.48793187	0.54857924	1.00E-04
1.35108845	1.9861985	1.00E-04	0.59680653	2.5188516	2.35323274
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.62383756	1.76745502	2.04246546

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.6902533	0.81862451	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.5393223	1.37709327	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49240339	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88954272	0.14317243
1.35139429	1.44506494	1.11518827	1.36995704	1.61395535	1.16001854
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.96897807	1.54957171	1.00E-04	1.1269768	1.10611522	0.79167399
1.00E-04	1.09886992	1.00E-04	1.78185911	1.73134146	1.26493104
0.50857658	1.46364089	1.00E-04	1.19681942	1.56921558	1.06794168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.60696838	2.39251721	1.00E-04	1.00E-04	0.57635471	0.99195025
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30047008
1.00E-04	1.00E-04	1.00E-04	1.03616365	1.60713354	0.83099307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35811479	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.42376952	1.41994806
3.42498	3.13226495	3.22417233	3.05155289	3.3638344	3.45310568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74336161
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.69648077	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46253117	0.93645834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.59511417	2.29599177	1.00E-04	2.46993398	2.45691949	2.94011906
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.24558033	1.73351785
1.00E-04	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.00E-04
1.54982061	1.29910617	1.00E-04	1.00E-04	1.07050597	0.76100567
0.74114016	1.00E-04	1.00E-04	1.00E-04	0.88857708	0.57849992
1.00E-04	1.29893035	1.9733719	2.44239803	3.1302685	3.5826414
0.46739644	1.00E-04	1.00E-04	1.4621049	0.77319043	1.16607566
1.00E-04	1.00E-04	1.00E-04	0.86953679	0.11783267	0.16236604
0.23992814	1.40067666	1.00E-04	1.00E-04	0.18945863	0.72072413
2.29748053	2.01626424	1.00E-04	1.00407491	0.66215944	0.93105541
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.07903446	3.26061127	2.92264694	1.16218316	2.36568593	2.90068334
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22518545	2.11420651	1.00E-04	1.63738938	0.95589275	0.96610567
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.5252732	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.12362879	1.80595557	1.11518827	2.22605543	1.83837384	2.5361925
0.57907938	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37352143
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41953258
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43243323	0.95187547	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30433976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.01099878	2.77600286	1.95516574	2.38978053	2.11465101	2.25240449
1.61567388	2.12981651	1.28316224	1.14467783	1.28448172	1.22918466
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.09205714	2.66488274	1.54304638	1.38720069	1.75014063	2.1118822
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54857924	0.15671146
0.86640468	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.84653972	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59788179	2.83959667	2.26969129	1.83758009	0.64780085	1.15752056
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.60815209
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35419377
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94536411	1.99461474	1.00E-04	0.24575289	2.05828154	0.42693264
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.86296919	1.00E-04	0.77918287
4.36350492	4.41317929	3.19157327	3.17460214	3.56925008	4.09432934
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34600017	1.62313373	1.85693283	1.39721853	1.05419184	0.47317945
1.00E-04	1.00E-04	1.00E-04	1.07022906	1.01015805	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
0.3581959	1.00E-04	1.00E-04	1.00E-04	0.23804377	0.4941156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51731848	0.97327174	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20501279	0.34078751	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25940884
1.00E-04	0.78978538	1.00E-04	0.79650495	0.59528506	1.35746739
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65248576	1.00E-04	1.00E-04	0.20501279	0.24638724	0.91632913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39933313	1.00E-04
1.6022701	1.93820728	1.00E-04	1.00E-04	0.61022427	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53253339	0.86314901
1.66403215	0.86225965	1.00E-04	0.58410459	0.5046079	1.00E-04
1.00E-04	1.00E-04	1.30789632	1.00E-04	0.3987491	0.66170831
1.00E-04	1.00E-04	1.06844428	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.70957382	1.00E-04	1.00E-04	0.45834436	1.13132074
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48121618	1.00E-04	1.52319676	1.00343694	0.96399542	0.39307503
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.89451126	1.00E-04	0.71307202	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.04267378	0.33004234	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.48793187	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.49600825	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95403637	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.29528021	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.63321171	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.17212163	1.00E-04	1.00E-04
1.89913705	1.62958955	2.39042884	2.54257511	1.524769	1.75007761
2.44931482	2.80405449	1.11518827	1.70412162	2.20617876	2.00971537
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.90726756	0.94304278	2.8861196	2.45917786	1.49980627	1.50017351
1.06882325	1.00E-04	1.00E-04	1.11190981	1.10522172	1.00E-04
0.61388665	1.38436999	1.46133917	0.54676642	0.4791719	1.00E-04
1.69188703	1.00E-04	1.00E-04	1.00E-04	0.47690765	0.30047008
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.63220067	1.00E-04	1.00E-04	0.73390504	0.86314901
0.43421155	1.14355021	1.00E-04	1.00E-04	0.51815449	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88886241	1.45177541
1.00E-04	1.00E-04	1.00E-04	0.87843708	0.40505464	1.00E-04
1.24648873	1.00E-04	1.00E-04	1.00E-04	0.1826159	0.14317243
1.63211399	1.36724908	3.14542739	3.87857902	2.68431026	3.61942513
1.00E-04	0.56368347	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.70892528	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62872675	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90456833
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3604091	1.05999468	1.01811585	0.84528238	0.33052186	1.3995212
2.83281429	2.30446364	1.00E-04	2.4387739	2.30106782	2.16409783
5.29293854	5.23584894	3.14920366	4.77526214	5.10639324	5.23478099
2.7610999	2.8848721	1.01811585	1.67819203	2.29236437	1.61691774
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53054394	1.49210505	1.82338483	1.67335108	1.59924514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70260075	1.00E-04
1.00E-04	1.00523735	1.00E-04	1.00E-04	0.19941384	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
0.78677924	0.69136595	1.30789632	1.28079167	1.00220479	1.00E-04
0.8521458	1.93111202	1.00E-04	1.85811694	1.34588066	1.24799192
0.16178697	1.00E-04	1.00E-04	1.01110284	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82939757	0.43785363	2.61591839	1.45668404	1.79979425	2.16444778
3.60835331	3.35509173	3.63660206	1.97054554	3.35284421	3.74073575
0.09415495	1.00E-04	1.00E-04	1.00E-04	1.80024351	0.59293553
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02829285
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41954009	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.9941448	4.29367219	1.30789632	2.36437499	2.36892807	2.7996032
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36372495	0.58963784

2.50637846	2.80922615	2.04595548	1.46248246	2.8168429	2.48825928
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4365896	1.22066621	1.00E-04	1.00E-04	0.5048936	1.00E-04
0.69286887	1.00E-04	1.00E-04	0.4266763	1.00E-04	1.00E-04
0.34600017	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6853338	1.00E-04	1.27996271	1.00E-04	0.55818571	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4897726	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	0.16565788
1.98603361	0.90571514	1.00E-04	0.32864749	1.00E-04	0.70840066
1.23130462	0.48013639	1.00E-04	1.00E-04	0.80455293	0.14317243
2.48815589	2.87840998	1.01811585	1.59390095	2.0447646	0.64138525
0.73100112	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21109097	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.49549252	4.53392283	1.00E-04	2.76990608	3.22824942	3.40818233
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71162396	1.00E-04	1.00E-04	0.22725774	1.00E-04
0.54572308	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	1.00E-04	1.00E-04	0.69313868	0.10440683	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	0.63220067	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.00E-04	1.00E-04	0.67434801	0.86642667	0.65035631
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20455459	1.00E-04
1.00E-04	0.24251465	1.00E-04	1.02116902	0.39428138	0.12854881
1.72490528	2.138641	1.00E-04	1.42683403	1.68770445	0.83495354
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40665698	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54243547	2.49509991	2.11893491	1.99562598	1.99191394	2.81367326
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66135977
0.5929689	1.31187923	1.00E-04	1.00E-04	0.50118162	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41953258
0.40515069	1.25652586	1.00E-04	0.58468642	1.09109469	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50891932	1.13195496
0.15907666	1.34290269	1.00E-04	0.61790071	0.13235227	0.3321585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.71417168	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.00E-04
0.1163586	1.28343202	1.00E-04	1.43879678	1.1619185	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33863567	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34256967	1.07039279	1.00E-04	1.00E-04	0.45834436	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.96008477	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47010325	0.79018667	2.18505109	1.00E-04	1.13281308	1.04306338
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95933095	0.71655627	1.00E-04	1.00E-04	0.41749904	0.67387996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83353181
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42124784	1.05695122	1.00E-04	1.00E-04	1.00E-04	0.55323863
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.43738844	1.00E-04	0.80306694	1.00E-04	1.65635906
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43251054	1.00E-04	1.00E-04	1.00E-04	0.70276476	0.14485168
0.51186136	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67227121	1.00E-04	1.00E-04	0.25263848	1.00E-04
1.00E-04	0.87276769	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49134585	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.94682227	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64887418	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33099482	0.62690381	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.14640595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.4266763	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66662613	2.26620697	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93062605	1.67534389	1.00E-04	1.00E-04	1.88238911	1.74773454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.1233493	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	2.63355518	0.53238302	0.80377506	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66194041	1.39505985	1.00E-04	0.98383398	1.29014529	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.93469681	1.00E-04	0.66574538	1.32844072	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44867039	1.00E-04	0.5252732	0.23269493	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.46085181	0.79492588	0.97093798
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.6377961	1.01811585	1.3740316	1.00E-04	1.14846581
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4362065	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	2.00454595	1.95795921	1.32375664
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86781621	1.00E-04	1.00E-04	0.76113877	0.52812965	1.00E-04
1.00E-04	0.72342246	1.00E-04	1.00E-04	0.43074515	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49134585	0.50399332	1.00E-04	0.86391047	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50668735
0.45390172	1.46104672	1.49210505	1.24069599	0.49725216	1.44026075
1.12912666	1.00E-04	1.74110187	1.43067201	1.00E-04	2.2915275
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.7452606	2.94275867	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16565788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18953558	2.11250552	1.00E-04	1.99613636	1.65392721	2.79847386

1.97930626	0.72342246	1.00E-04	1.00E-04	1.29516802	1.21099019
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43421155	1.2055671	1.00E-04	0.53821433	0.54699343	0.55488024
1.00E-04	0.58160361	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23239377	1.00E-04
1.00E-04	1.05551841	1.00E-04	0.5730619	0.13235227	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48393323	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18463361	0.43600786	1.00E-04	1.80894294	1.06944343	1.78667692
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.91958632	0.39496032	1.27996271	0.65562728	0.95816402	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	0.13067397
0.52058037	0.79913849	1.49210505	2.10813995	0.5534669	1.00E-04
1.00E-04	0.21289605	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.88619878	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13427639	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.81555458	1.42695946	0.25940884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41699456	2.40541009	1.7081747	0.57243387	1.35818671	1.63600015
0.50857658	1.28543451	1.00E-04	0.92515863	1.04282307	0.92137533
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2878742
1.00E-04	0.54329442	1.00E-04	1.00E-04	0.47601188	0.13067397
1.19545453	0.95077932	1.00E-04	0.79830865	0.4839149	0.38193877
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47015998	0.96358176	3.2744949	2.22751521	2.55837228	3.25979185
0.60784988	0.66201723	1.00E-04	1.168916	0.24760841	0.89361623
1.52651896	0.55591422	1.00E-04	1.00E-04	1.21960276	0.6673656
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.3004085	0.43066061
1.00E-04	0.88563595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.75333424	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75235999
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16448447	1.00E-04

2.82469693	2.85501056	2.92234331	2.69545461	2.18672368	2.64304627
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.75203029	1.00E-04	0.14912336	1.00E-04	1.61469745
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49981427	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42124784	1.07897488	2.46099858	1.91389907	0.76343718	0.63541579
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55840391	0.37215976	1.00E-04	1.86793063	0.55282829	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04
3.44770052	3.74757201	1.76382238	1.84103698	2.80247609	3.21469414
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41954009	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.45991406	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.04282307	0.16236604
0.77658702	0.84410758	1.00E-04	1.00E-04	1.00E-04	0.27250157
1.00E-04	0.61419632	1.28316224	0.49595628	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00103518	2.22479578	1.42763756	0.20501279	1.3799262	2.05358018
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.62192003	1.63632873	4.24964969	3.33410206	3.09799018	3.31547731
0.95024091	1.34646056	1.9503961	2.49390795	2.40577036	2.06846999
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1648072	2.63156483	2.56047203	2.02038687	2.06460862	1.14573116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.75203029	1.00E-04	1.00E-04	0.48393323	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	0.21289605	1.00E-04	1.00E-04	0.37978463	0.25940884
2.57993572	2.02562	1.40283744	1.93870606	2.29104099	2.54363486
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.84541885	1.00E-04	1.00E-04	1.00E-04	0.40799504	1.02134511
1.00E-04	0.55591422	1.30789632	1.00E-04	1.00E-04	1.44995223
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61888052	1.00E-04
1.07381677	1.31220291	1.00E-04	1.00E-04	0.64416845	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.63402236	0.7518857	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.9989809	1.00E-04	0.68572619	0.47745743	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
1.00E-04	0.6377961	1.00E-04	1.00E-04	0.78009573	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09790718	1.55246249	1.00E-04	1.08889817	0.22206006	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62355644	1.00E-04
0.62708415	1.21746707	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.38666605	0.08158092	0.46873513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.4267552	1.00E-04	1.00E-04	1.42520572	0.86314901
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3679039	1.85982418	1.30986649	1.00E-04	1.80699144	1.14053979
1.00E-04	0.46062364	1.00E-04	1.48632118	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.1400267
0.98213111	0.84565437	1.00E-04	1.07397513	0.18945863	0.57696471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41954009	1.00E-04
1.23417051	1.52075447	2.90416868	3.31701341	3.65834948	3.4092903
0.24405756	1.00E-04	1.00E-04	1.38728821	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35412884	1.00E-04	2.02887422	0.94745719	0.75418127	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.79837719	1.00E-04	0.4266763	0.13235227	0.80572127
1.00E-04	1.00E-04	2.18505109	0.20501279	0.17649229	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.98273	1.96077437	2.78066026	1.96265968	2.42755507	2.18177842
1.00E-04	0.56456051	4.70290709	4.60431158	5.10136075	4.43340063
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66170831
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68622409	2.39046648	1.75472403	0.94124117	1.69919838	1.31258654
1.00E-04	1.00E-04	1.00E-04	0.15557081	1.00E-04	1.00E-04
1.00E-04	0.34385176	1.00E-04	0.39596165	0.24760841	0.40555046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.2196017
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.45683807	0.68631456	0.30974433

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.0125444	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09864165	0.76834604	1.00E-04	1.00E-04	0.25346846	0.24928507
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67491458	1.00E-04	0.66641237	0.6608766	0.93127485
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30913278
1.00E-04	1.08424027	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76033547	1.00E-04	1.00E-04	1.00E-04	0.86532772	0.86651014
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67318844	1.00E-04	0.61001117	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.59680653	1.00E-04	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60256892	0.59190211	1.00E-04	1.21518098	0.18229203	0.99204304
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22725774	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.40283744	2.03308527	0.57694237	0.31227169
0.69016855	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75235999
1.70320003	1.24340683	1.00E-04	2.18482832	1.16838966	1.92849071
1.00E-04	1.00E-04	1.00E-04	0.59680653	0.65081246	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39341155	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.00E-04
0.37484237	1.05820929	1.00E-04	0.73505635	0.40109178	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3548392	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88803219	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48437207	1.00E-04	1.28609943	0.67325668	0.72915573	0.75221811
1.17685334	1.18836648	1.00E-04	1.00E-04	0.51809791	0.98739223
1.38863046	1.00E-04	2.08421616	2.74672901	1.33060591	1.12149717
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77658702	0.59436393	1.82342144	1.62517819	1.5312182	2.09113261

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59795095	2.02343119	3.28332898	3.13248521	2.64193484	2.44414731
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.88209664	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97898301	1.00E-04	1.00E-04	1.63539137	0.35400979	1.08036565
1.00E-04	1.00E-04	1.00E-04	0.58417725	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.39052443	1.26203805	1.00E-04
1.00E-04	1.00E-04	1.30789632	0.84168944	1.00E-04	0.43730888
1.00E-04	1.0657847	2.39042884	1.00E-04	0.40109178	0.60522108
1.00E-04	1.00E-04	1.00E-04	0.6309036	1.00E-04	1.00E-04
1.00E-04	0.84355469	1.00E-04	1.09083617	1.00E-04	1.29310697
2.41932734	3.00939776	1.00E-04	1.45464214	0.70381508	1.56114276
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53888819	0.72050085	1.38754516	1.00E-04	1.00E-04	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76232783	1.00E-04	1.00E-04	0.6309036	0.66694363	0.82108151
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19191379	0.14485168
3.30553133	3.12324314	3.09625	1.66129709	2.54637055	2.68403311
1.67029369	1.47052935	1.00E-04	1.69143397	1.48992019	0.94954769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40281018	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39070552	1.72781522	2.02747781	0.54676642	1.84853515	2.06964506
1.00E-04	1.77437062	1.00E-04	1.00E-04	0.17637488	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70115442	0.79592565	1.00E-04	0.92063716	1.17159659	1.00E-04
1.91943398	1.47415013	1.42763756	1.33305255	0.84348782	1.9176444
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.12803385	1.00E-04
0.51044831	0.85117793	1.81104972	1.00E-04	0.33004234	0.35948108
0.45859847	1.41991611	1.00E-04	1.84728267	1.19982573	1.05076033
0.49592013	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68259123
1.00E-04	2.07563342	1.00E-04	0.37771766	0.69828813	1.3074925
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34644957
0.86640468	0.30163127	1.00E-04	1.00E-04	1.64995677	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39916426	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50428197
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.84599613	1.00E-04	1.65840934	0.87689645	1.2057632
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.48964519	2.4271823	2.11345857	2.52915453	2.12347945	2.46529108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77866989	1.44396316	1.00E-04	0.7388441	0.89877806	0.74279665
0.69605353	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58408879	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.82673555	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.49235482	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32492211	1.00E-04
2.63307585	2.4447348	1.00E-04	1.90515739	2.04074555	2.90557167
0.58683111	0.87554855	1.00E-04	0.85787483	1.40610366	1.67214471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.85193947	1.9639692	3.00300169	2.53481556	2.10039379	2.37172527
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.56508007	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.98694112	2.10742505	1.00E-04	1.77579373	1.46887494	1.69528836
1.00E-04	1.00E-04	1.00E-04	1.08889817	0.1826159	1.29190649
0.85682814	1.00E-04	1.00E-04	1.00E-04	0.16448447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.74310137	1.00E-04	1.00E-04
1.99180969	2.08688573	1.52319676	0.59574527	1.36609868	0.91458387
1.00E-04	1.70428442	1.74110187	1.01655192	2.04024626	1.52782742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57696471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33429329	1.33600206	1.01811585	1.00E-04	1.14582007	1.92410958
0.665055	0.50399332	1.00E-04	1.02061239	0.343361	1.47903025
1.00E-04	1.00E-04	1.00E-04	0.60372301	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24575289	1.00E-04	1.00E-04
2.79006207	2.89963854	1.85579326	1.59375549	1.99286813	2.06286056
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88581966	1.99675687	1.6068095	2.27647864	2.76765275	2.24912636
1.00E-04	1.00E-04	1.6068095	1.41618476	1.00E-04	0.38874354
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29810286	1.00E-04	1.00E-04	0.84586254	0.30390784	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27564669	1.16992415
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41953258
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.4193111	0.55323863
2.01554711	1.04124394	1.82342144	2.1304608	1.80511064	2.18303498
0.90065038	1.00E-04	1.00E-04	1.10125371	0.68909677	0.72205322
1.28626038	1.05159626	1.27996271	1.27120178	1.77579735	1.67098843
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.36942904	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18897717	1.75793287	1.00E-04	2.25164833	1.13911489	1.38788891
1.12213213	0.32854769	1.00E-04	0.56487062	1.00E-04	1.00E-04
0.48875286	0.64318133	1.00E-04	0.94426071	0.11783267	1.00E-04
1.751865	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41175736	3.20139488	2.10092533	1.39075676	1.21226386	2.37466173
1.64280082	1.90256297	2.94097639	2.65660401	2.11820141	2.6784073

1.52368616	1.79631006	1.00E-04	1.7146506	1.95852308	2.13648989
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.84168944	1.00E-04	0.28509766
1.05880401	1.00E-04	1.00E-04	1.58240388	0.3340074	1.24292717
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49835691	1.00E-04	1.00E-04	1.05818656	1.38955147	0.14485168
1.00E-04	1.00E-04	1.52319676	1.01300953	0.91504574	0.75682992
1.00E-04	1.00E-04	2.80165893	1.84508515	0.77587215	0.99521531
1.13055847	1.00E-04	1.30789632	2.38973784	1.86436987	2.86374384
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	0.36890356
0.7689957	1.87032725	1.81104972	2.78888894	2.27513166	2.39495419
1.00E-04	1.00E-04	1.00E-04	1.67058258	1.64272586	1.42352636
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09020403	1.10949395	1.00E-04	1.11869142	1.66592692	1.85987185
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36630267	1.00E-04	1.00E-04	1.00E-04	0.25750812	0.83984552
1.00E-04	1.00E-04	1.00E-04	1.55461319	1.10407236	0.48971388
1.00E-04	1.00E-04	1.00E-04	0.82673555	1.00E-04	0.76890723
1.14598117	1.00E-04	1.00E-04	0.95102306	1.00E-04	1.14777409
0.30060549	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8829895	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.84920329	3.08961406	1.00E-04	3.9919302	4.40042203	4.52651232
1.00E-04	1.00E-04	1.00E-04	0.37171839	1.00E-04	0.31551176
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45216556	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.81239203	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83598039	1.11152371	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21289605	1.00E-04	1.00E-04	1.00E-04	0.50428197
1.00E-04	1.00E-04	1.00E-04	0.47606859	0.13235227	1.41646026
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77918287
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17533586	0.83086789	1.00E-04	1.43914523	0.64431293	1.665338
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73665597	3.08841535	2.86103563	2.1171812	2.54246656	3.445049

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83160248	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.17800186
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00269796	2.16483827	1.00E-04	1.00E-04	1.00E-04
0.82130058	1.0711547	1.01811585	1.00E-04	0.50499442	1.03773075
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.40283744	1.00E-04	0.50204647	0.43730888
1.00E-04	0.77720637	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8426349	1.00E-04	1.00E-04	0.40456196	0.49593941
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.65423914	1.00E-04	1.00E-04	0.16448447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93000202	0.88341584	3.83026247	4.02692448	3.96856686	4.05815941
1.45247633	1.00E-04	1.00E-04	0.86014803	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94114725	1.00E-04	1.00E-04	0.6000906	1.13678266	0.2462289
0.45216556	1.00E-04	1.00E-04	1.00E-04	0.1826159	1.08927097
1.00E-04	1.00E-04	1.00E-04	1.17494737	1.00E-04	0.81625573
1.00E-04	1.00E-04	1.00E-04	1.04964316	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64955269
2.79923423	3.14109989	1.00E-04	1.66276298	1.04081305	2.1171427
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30974433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37506193	1.00E-04	0.12854881
1.00E-04	1.00E-04	1.00E-04	0.59034814	1.00E-04	1.00E-04
1.22286149	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93127485
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54975373	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86511143	1.00E-04	1.00E-04	0.72056597	0.70918682	0.91227984
2.50149681	2.28480487	1.06844428	2.21156203	2.72707139	2.2722251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.04612242	0.36000776
0.88011859	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.14622371	4.45558549	2.51885156	3.17388603	4.05810462	3.57277154
1.00E-04	1.00E-04	1.00E-04	1.23359577	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50350359	1.00E-04	1.00E-04	1.00E-04	0.38897907	1.00E-04

0.86054052	1.13356823	1.00E-04	1.00E-04	0.18945863	0.16565788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.96825099	1.00E-04	1.00E-04	0.95537362	1.00E-04	0.46104644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.34385176	1.00E-04	1.00E-04	0.63738487	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.71307202	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52397519	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74600709	1.00E-04	1.12957423	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49981427	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41953258
1.00E-04	1.1474508	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97898301	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5256597	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68386031	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40709304
1.00E-04	0.24251465	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.71706674	1.00E-04	1.00E-04	0.68902433	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50045326	1.36149963	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.04770889	1.00E-04	0.24575289	0.32311486	1.11104238

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56508007	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16565788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.84207463	3.75212921	3.85326623	2.91447402	2.06954153	2.98175724
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.67325668	0.65820008	1.85090523
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45044286	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93240805	1.61052006	1.98685244	0.56399031	2.00758599	1.22493318
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.35585701	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.38754516	1.00E-04	1.00E-04	1.00E-04
1.265564	1.00E-04	1.00E-04	0.93995654	1.62199595	1.74921434
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37250181	0.22206006	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65519325
4.59957347	4.64401862	3.16791925	3.80334203	4.19632851	3.87780145
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75382236	0.68167976	1.00E-04	0.84590779	1.00764386	0.6636595
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.71255687	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43743552	1.00E-04
2.51351474	2.51644025	2.89716407	3.27675548	3.28469287	2.40290055
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.49600825	0.41749904	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.41871868	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17279347	0.65574892
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99345872	1.00E-04	1.00E-04	0.69614033	0.08158092	0.36813315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.06381005	1.00E-04	1.00E-04	0.49725216	1.00E-04
4.19498125	3.78425672	4.48223123	3.9160934	2.66167108	2.21710567
0.29610852	1.00E-04	1.00E-04	2.33966678	2.49820231	1.82776502
1.00E-04	1.00E-04	1.00E-04	1.33871947	1.75779914	1.48566477
0.90470685	0.36710226	1.00E-04	1.20704939	1.84290838	2.3880104
1.66248498	2.33172052	1.6068095	2.98210814	2.75438076	3.51183024
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19191379	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18820496	0.9806851	1.00E-04	1.00E-04	0.60650449	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.05254865	1.00E-04	1.00E-04	1.12784329	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60842651	1.65507632	2.09778918	2.3368091	1.89554584	1.11336535
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71904902	2.19475831	1.28609943	1.10735094	1.42247244	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28404155	1.00E-04
1.17755611	0.67526174	1.00E-04	1.00E-04	1.00288861	0.53800788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32492211	1.00E-04
2.89058644	2.46027924	2.44353204	2.14877642	2.59299079	0.87252163
2.71072878	2.06817185	1.83973834	2.48300026	2.30020915	2.33805186
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.36580954	3.07493814	3.21342353	3.95028256	4.01031955	3.64502622
1.00E-04	0.70638095	1.00E-04	1.10722012	0.90168802	0.21329315
3.9211866	4.19925222	3.80669252	4.22073867	4.68849787	4.6025683
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93415002	3.20113876	1.00E-04	1.74645015	0.98917296	1.62521764
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.20218102	3.72826549	1.00E-04	2.72665342	3.09345502	3.22562261
1.00E-04	1.00E-04	1.00E-04	0.56029689	0.44591356	1.29119617
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48013639	1.00E-04	1.00E-04	1.16696321	1.00E-04
0.59719642	1.00E-04	2.32722852	0.5730619	1.00E-04	1.39024332
0.9981793	0.94044172	1.00E-04	0.56399031	1.00E-04	0.45304823
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13427639	1.00E-04
0.66644555	1.00E-04	1.00E-04	0.82673555	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30060549	1.09964803	1.00E-04	1.76701265	2.01241052	2.28572357
1.00E-04	1.00E-04	1.00E-04	1.53699536	0.87204808	0.13067397
1.00E-04	0.69392408	1.00E-04	1.1512217	0.54857924	0.35419377
1.11036659	0.92995371	1.00E-04	1.55886872	1.40765904	0.84481391
1.22657106	2.16096979	2.34714825	2.04040213	2.60411878	2.68869146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.08421616	0.79306028	1.00E-04	0.77081969
0.1163586	1.00E-04	1.30986649	2.29922299	3.37237149	2.97812429
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.89928497	1.00E-04	1.00781832	0.22445287	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.52360732	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.29681904	0.86355027	1.00E-04	1.84514707	1.05696807	2.00730074
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85443296	1.00E-04
1.00E-04	1.00E-04	1.92675998	1.95610413	2.46875893	1.54642488
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8663464	0.75315821
2.83932071	3.1176841	1.27996271	2.99756805	3.03931694	2.58401332
2.04091979	1.70678702	1.00E-04	1.00E-04	1.97948044	1.31723138
1.00E-04	0.67526174	1.00E-04	1.00E-04	0.65800658	1.00E-04
2.45801094	2.54985243	2.41654993	2.32958918	2.61399064	2.80207401
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.06639547	1.00E-04	0.98121868	0.46253117	1.70364785
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.38789686	1.00E-04	1.00E-04	0.52138741	0.31478635	0.55323863

0.47462842	1.14927284	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39655685	1.04770889	1.00E-04	1.00E-04	1.00E-04	0.14485168
1.3179194	1.68177643	1.00E-04	0.71417168	0.35400979	2.05088956
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37624996	0.37073618
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50775505	1.09749893	1.00E-04	0.84528238	0.83539216	0.53800788
0.16178697	1.00E-04	1.00E-04	0.71219483	0.60938027	1.00E-04
1.24624602	1.0067139	1.00E-04	1.04068233	1.00E-04	1.00E-04
1.38304485	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69016855	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11089306	0.65456396	1.75472403	0.98343428	1.26170087	1.34928219
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.58849759	1.00E-04	1.00E-04
4.08863681	3.82912903	3.9839313	4.67333494	4.92144259	4.43247556
3.55288297	3.00426505	3.42309924	3.44044576	3.57494118	3.91455351
1.00E-04	1.00E-04	1.00E-04	1.26816725	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5021994	0.40555046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94436522	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.79734239	1.00E-04
1.51091273	1.41936358	1.00E-04	1.00E-04	0.29281054	1.00E-04
1.00E-04	0.78390163	2.16483827	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21289605	1.00E-04	1.00E-04	1.50361975	1.00E-04
0.98769322	1.00E-04	1.00E-04	0.15557081	0.22725774	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56625226	0.78068903	1.00E-04	1.00E-04	0.57484762	0.75986611
0.56875798	1.00E-04	1.00E-04	0.67521107	0.24531689	1.00E-04
1.00E-04	0.36710226	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.76119895	0.35419377
0.67265997	0.65947666	1.00E-04	0.37325883	0.660322	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.59099254	2.0118017	1.75472403	0.15557081	1.58239493	2.07613128
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28509766
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44175658
1.71225303	1.13919687	1.00E-04	0.6309036	0.8840243	1.99237373
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77562963	1.00E-04	1.00E-04	0.79512331	0.99856208	1.03688055
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64176485	1.00E-04	1.00E-04	1.24264164	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77542894	1.08982436
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55591422	1.00E-04	1.00E-04	1.32505144	1.10006472
1.00E-04	0.45691315	1.00E-04	2.71928791	2.07489429	1.76044632
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64993987	1.00E-04	1.00E-04	0.96664352	1.00E-04
0.5256597	1.00E-04	1.00E-04	1.16877138	0.9137823	1.11506633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57077907	1.00E-04	1.00E-04	0.98810679	1.37054763
3.86077938	3.88773661	2.03123029	1.70357133	1.68798092	1.26085911
1.00E-04	0.56352431	1.00E-04	0.64324128	0.13235227	0.94638224
0.58345775	0.8426349	1.00E-04	1.00E-04	1.00E-04	0.83508919
1.20755529	1.14993458	1.00E-04	0.69429069	0.87469083	1.55886427
0.9230346	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37073618
0.77553407	1.00E-04	1.00E-04	0.15557081	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.41954009	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33848153	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60311578	1.7217929	1.74110187	2.09226006	2.31463611	1.20650459
0.83086416	1.07664792	1.00E-04	1.00E-04	1.05151841	0.2878742

1.21002384	1.00E-04	1.00E-04	1.00E-04	0.99094976	1.07053391
1.00E-04	0.50399332	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43730888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
0.67325245	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33307364	1.00E-04
0.89408742	1.00E-04	1.00E-04	1.00E-04	0.66694363	1.00E-04
1.91309164	1.53372778	1.30986649	2.27122798	2.79926876	2.00886467
0.57623697	1.00E-04	1.00E-04	1.45936291	1.48628864	0.44059693
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.2866935	0.95256381	1.00E-04	1.00E-04	1.00E-04	2.2130974
1.00E-04	0.83552864	1.00E-04	0.37325883	0.59109271	0.81704581
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60842651	1.00E-04	1.00E-04	2.77582658	1.80462324	1.00E-04
0.77866989	1.00E-04	1.00E-04	1.00E-04	1.0351123	1.00E-04
1.00E-04	0.93451938	1.00E-04	1.00E-04	0.44401863	1.00E-04
0.51731848	0.67526174	1.00E-04	1.43570156	0.62739879	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.79734239	0.77081969
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.72630853	1.16516875	1.00E-04
1.00E-04	1.00E-04	2.04595548	1.00E-04	1.13400569	0.94768045
0.15907666	0.69449592	1.00E-04	2.03656658	2.52436143	1.78139902
3.69276004	3.83067165	1.00E-04	1.00E-04	0.80043918	0.91866851
1.34176909	0.93725443	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51343019	3.12894711	1.11518827	2.71146355	3.03692217	3.04387549
1.21928537	1.70403697	1.00E-04	0.90391365	1.13850735	0.4683059
0.65481446	1.00E-04	1.00E-04	0.72457051	0.21911936	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.85787483	1.00E-04	0.62242987
1.24058731	0.71319421	1.01811585	0.14912336	0.94504811	0.30913278
1.10806511	1.28461103	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43785363	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31842876	3.7285813	1.00E-04	0.42431645	1.81617465	1.97808668

1.43789187	1.00E-04	1.00E-04	1.00E-04	1.02875157	0.92594064
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.02853894	1.30789632	1.51290056	1.44709066	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.72536601	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56263483	2.89246871	2.37523392	3.13516708	3.28167925	3.61945674
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26839031
0.75382236	1.00E-04	1.00E-04	1.00E-04	1.23052109	1.00E-04
1.98630391	1.2227783	2.54080566	1.00E-04	1.50062082	1.2785418
1.00E-04	1.35070348	1.00E-04	1.00E-04	0.99354025	0.63250491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.20474682	1.18868874	1.00E-04	0.64200621	0.83838721	0.89659124
1.00E-04	1.00E-04	1.00E-04	0.54842099	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.42124784	1.00E-04	1.00E-04	1.00E-04	0.10440683	0.85356319
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	1.00E-04
0.89711149	0.24251465	1.00E-04	0.24834324	0.11783267	0.29591257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	5.92420868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.46921448	1.00E-04	1.00E-04	1.00E-04	0.49041951
0.86700902	0.96030591	1.00E-04	1.00E-04	0.33052186	0.73110175
0.86640468	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.10436493	0.63738487	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.23992814	1.00E-04	1.00E-04	1.30441593	0.61546782	1.50164128
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.79734239	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46873513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30661977
1.00E-04	0.32854769	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.84893236	0.16565788
0.29810286	1.00E-04	1.00E-04	1.00E-04	0.50337509	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54857924	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8866214	1.00E-04	1.00E-04	0.72411675	0.39480297	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.30789632	1.11544037	0.16448447	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.80295674	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.343361	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.65338571	1.00E-04	0.90456833
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67325245	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.30925897	2.64332299	1.28609943	3.19139324	3.79824632	2.63683077
1.00E-04	1.00E-04	1.27996271	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8978623	1.00E-04	1.00E-04	0.16793254	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.2241058
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38491409
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.90265252	1.97623741	1.65328476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.5730619	1.00E-04	0.82963732
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.19159997	1.00E-04	0.94946945
0.47010325	0.67284418	1.00E-04	1.39046641	1.00E-04	1.00E-04
3.43056689	2.94153644	3.15803292	3.78430417	3.46630998	3.52865383
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9089619
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02636011	0.85030743	1.00E-04	1.36902348	0.52812965	1.58104858
1.06450281	1.84133312	1.00E-04	1.0768655	0.5021994	0.73836905
1.00E-04	1.00E-04	1.00E-04	0.5730619	1.00E-04	1.00E-04
0.16178697	0.98755476	1.00E-04	1.61907973	0.60245641	1.59241485
1.00E-04	0.87634654	1.00E-04	1.00E-04	1.04925644	0.72221277
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33647818	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30390784	1.51379986
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37624996	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65574892
1.00E-04	1.00E-04	1.00E-04	1.16794108	1.17074755	0.65742611
0.81156129	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.78559119	1.45410984	1.50032946
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15557081	0.343361	1.00E-04
0.43421155	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30201496
1.91451386	1.74991227	1.00E-04	0.43961201	1.56509836	1.34311809
0.82337034	0.86235778	1.00E-04	1.00E-04	0.43517553	1.38084954

0.37624481	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.10092533	1.03669546	0.43110068	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46535134	1.00E-04
0.48437207	1.20455116	1.00E-04	0.9405472	0.79132885	1.68012726
0.51477986	1.00089001	1.00E-04	1.00E-04	0.57885604	1.16037737
1.0946388	0.57217101	1.00E-04	1.00E-04	1.00E-04	0.74704602
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58995952	1.00E-04	1.04172637	1.62184934	0.62848175
3.75388667	3.9082254	3.19867676	3.16869545	4.2899667	4.39258478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	2.17267565	0.49981427	1.22669937
1.00E-04	1.00E-04	1.00E-04	0.56657147	1.00E-04	1.00E-04
0.1163586	1.00E-04	1.00E-04	0.94051059	0.30162306	1.00E-04
0.62241067	1.17618691	1.00E-04	1.00E-04	0.69648077	1.00E-04
1.00E-04	0.38408963	1.00E-04	0.4266763	1.00E-04	0.87416824
1.00E-04	1.00E-04	1.00E-04	1.44200184	1.62559241	1.9787723
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51477986	1.00E-04	1.00E-04	1.00E-04	0.55708232	0.9089619
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.22388062	1.22741256
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82200558	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56427265	1.00E-04	1.00E-04	0.49600825	0.17649229	0.70705885
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19039497	0.64234672	1.78801416	1.00E-04	0.64168186	1.00E-04
1.65810528	1.48028864	1.00E-04	1.27575951	1.53815377	0.84630586
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.46133917	0.85604394	0.95584345	0.15499183
0.30060549	1.00E-04	1.00E-04	0.68902433	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30433976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22942344	2.423322	1.52319676	2.61358939	2.93894328	2.26271536
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.8718832	1.90207035	2.58618627
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	0.59074735	1.00E-04	0.85722768	0.28410406	0.95194063
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.86433132	3.52059686	1.00E-04	2.39548905	3.2831088	3.26587112
0.70536937	0.86067462	1.00E-04	1.00E-04	0.57885604	1.00E-04
3.3883039	3.26101649	1.00E-04	2.42826848	2.79486532	2.72891402
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34624729	1.21181728	2.03015736	0.64978022	1.16011682	1.34370315
1.21312421	1.49357439	1.00E-04	0.58417725	1.04446722	0.6326541
1.10203408	0.88778535	2.28161571	2.69653038	2.61591973	1.75824405
1.00E-04	1.00E-04	1.00E-04	1.26031259	1.27630876	1.22082049
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58449486	1.35848782	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18229203	0.16236604
1.00148903	1.00E-04	1.00E-04	0.14912336	0.50826178	0.24928507
0.3185612	1.00E-04	1.46133917	1.00E-04	0.82217812	1.00E-04
0.45216556	1.00E-04	1.00E-04	1.15820213	0.66849003	0.43066061
1.00E-04	0.78390163	1.00E-04	1.00E-04	0.36612447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30974433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.86589696	2.54080566	1.19926584	1.3188644	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36630267	1.65555451	1.00E-04	1.69832466	1.61589941	1.0996102
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.91883416	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.94658676	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.71208971	2.90562374	2.54080566	0.82247244	2.61925305	1.74547594
2.88798756	3.01522953	3.32988312	3.43505331	2.78381153	2.88101057
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73100112	1.2106007	1.00E-04	0.28453275	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.56029689	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.17392285	1.00E-04	0.86473302	1.00E-04	1.00E-04

1.3911452	0.91063166	3.30092043	1.43278212	2.5234956	2.79391313
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7518857	1.00E-04	0.80922734	1.08551877	0.92333399
1.02228101	1.84203323	1.00E-04	0.52738567	1.37305542	2.52034666
0.16178697	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49134585	0.54329442	1.00E-04	1.00E-04	0.13427639	1.00E-04
0.86120425	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30661977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.46633175	1.00E-04	1.17800186
0.79519774	1.00E-04	1.00E-04	1.42282464	0.4338843	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.84653972	1.00E-04	1.00E-04
1.65208133	1.00E-04	2.48636146	2.58679819	2.65180426	1.87480084
1.94373557	1.67740179	1.00E-04	1.9622948	2.06639543	1.82912111
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.3786425	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94252539	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21682962	2.12902175	2.98903871	2.3100572	2.78476415	3.52037631
1.00E-04	1.00E-04	2.08421616	1.00E-04	0.97201146	0.56131478
0.29810286	0.93977278	1.00E-04	0.7537902	0.35534378	1.00E-04
0.96970542	1.38481923	1.00E-04	2.14880708	0.08158092	1.33295373
0.81103579	0.69136595	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.52712428	1.26823707
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24021141	1.17088107
1.6303768	1.00E-04	1.46133917	1.27947247	1.25162172	1.92698414
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49981427	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.86453657	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.5730619	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	2.01958073	0.36639306	0.28509766
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.30986649	1.00E-04	0.10440683	1.00E-04
0.73667733	0.71162396	1.00E-04	0.52738567	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05035542	1.00E-04	1.00E-04	1.00E-04	1.31303325	1.00E-04
1.07285152	1.00E-04	1.00E-04	1.11260695	2.40056054	1.3432558
1.00E-04	1.00E-04	1.00E-04	0.74877042	0.83074755	0.48063511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54937466	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75682992
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23269493	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.27485773	3.10574273	2.53230876	0.8434289	2.14420153	2.65402263

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.57835534	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00940174	1.00E-04
0.88269566	1.00E-04	1.00E-04	1.00E-04	0.17649229	1.00E-04
1.73311765	1.24266788	1.00E-04	1.63794646	1.78437748	1.98710974
1.0960856	1.54815787	2.89147355	1.66464807	1.46090014	1.95425075
1.00E-04	1.00E-04	1.30789632	1.15915296	0.64289142	1.11343897
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	1.39713881	1.27996271	1.00E-04	1.2031816	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.505193	1.00E-04	1.15915296	1.05089054	0.98504875
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.47957636	1.00E-04
0.75023767	1.00E-04	2.81239203	0.7530512	0.81333326	1.28487793
1.21147122	1.77559397	1.00E-04	1.00E-04	0.23269493	0.25886916
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59560932	1.00E-04	1.00E-04	1.00E-04	0.14485168
3.62864423	3.89292018	4.02189038	3.18015737	3.29511293	3.60614427
1.00E-04	1.00E-04	1.00E-04	2.99552567	3.38693289	3.07663313
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39916426	0.46104644
1.26414025	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33863567	1.00E-04	1.00E-04	1.00E-04	0.80605151	0.15499183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72863915	1.00E-04	1.00E-04	1.00E-04	0.71498292	0.95040513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54223633	1.00E-04	1.00E-04	0.78996092	0.64940414	0.26792156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.01516537	0.64496235	1.28316224	1.45262841	0.12723689	1.20454534
3.30141642	3.50010863	3.33137858	2.68222404	2.98784793	3.48483689
0.32197209	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65077201	1.78651363	1.00E-04	0.64315265	0.91423923	1.08634873
3.23141499	3.4453016	1.62929637	2.17167622	3.06522272	3.47590893
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.84352956	1.00E-04
1.00E-04	0.72342246	1.00E-04	1.00E-04	0.13235227	0.14317243
2.50936852	3.28709392	1.00E-04	0.32864749	2.34988889	2.21927051
1.34922014	1.62186306	1.00E-04	0.32864749	1.837574	1.24262652
1.51502769	2.09513639	1.28316224	0.79954297	0.88801423	1.29488084
3.17219467	3.44654895	3.18999238	2.39182404	2.34487425	2.83048486
1.42827962	1.40034957	2.39042884	3.2637396	1.8210958	1.32043991
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44747489	1.00E-04	1.00E-04	0.12723689	0.64065995
3.17557636	2.78830023	2.48141048	2.79553834	2.90005184	3.71749185

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55282829	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01040658	2.69733594	1.38754516	0.77794585	2.32218913	2.07783754
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37422656	2.1466723	2.32650705	2.06620193	2.03594123	1.36984322
1.00E-04	0.32854769	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.61053364	3.48472762	3.41768696	2.9749187	3.26096995	3.64578459
1.00E-04	0.45118201	1.00E-04	1.00E-04	0.47957636	0.13067397
5.72225519	6.24610869	3.69548361	2.88931393	5.39643248	5.12807534
2.73778311	3.49136709	2.88011934	2.63895922	3.08789374	3.11543452
2.64714247	2.98830397	2.19079503	1.70740279	2.26841684	3.06561399
0.99566214	1.40319627	1.06844428	0.98743355	0.30485197	0.37073618
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31984718	3.20092332	2.20339202	3.3531535	3.09482066	3.24621568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.28184341	0.89163518	1.38754516	2.01716151	2.26773639	2.42142581
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.7988304	2.69706281	1.00E-04	1.34490593	2.24547288	2.10478819
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.18885438	1.40463559	1.11518827	0.82885671	1.12587037	1.55634362
2.27823148	2.49802984	1.00E-04	1.02015645	2.0621001	1.00793244
1.00E-04	0.71162396	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.81295773	1.97697417	1.00E-04	1.60391564	2.70262764	1.98591523
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33848153	1.00E-04
0.77866989	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67365985	1.00E-04	1.00E-04	1.07310298	0.41961083	1.14095289
4.80508304	4.75008081	5.49344883	5.66247379	5.69403757	5.96553056
2.48799979	2.81967993	2.65058247	2.02220624	2.33114554	2.54367851
2.55819065	3.18447874	1.00E-04	0.99928818	2.36133424	2.43853113
1.00E-04	1.31994441	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80498751	1.90958271	1.28609943	1.15653592	1.13530331	1.00E-04
0.09415495	0.3708313	1.00E-04	1.00E-04	0.18945863	1.00E-04
0.73100112	1.24994247	1.00E-04	0.58849759	0.67855274	0.75315821
1.33639158	1.26450445	1.00E-04	1.17990682	1.62023648	1.41851099
0.47422388	1.74585075	1.01811585	0.56029689	0.74136548	1.7458432
1.00E-04	0.65068802	1.00E-04	1.00E-04	0.16535238	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5021994	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.21194812	1.00E-04	1.00E-04	0.78061588	0.21329315
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.01481667	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75023767	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88535534
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.59816795	5.77002598	5.10359411	5.03875275	5.76262608	5.58321014
0.15907666	0.60883144	1.00E-04	0.54676642	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.71845832	4.25522533	3.438398	4.26010635	4.31505167	3.03929365
1.00E-04	1.00E-04	1.00E-04	0.78025129	1.18627452	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60848319	2.09597606	1.70608413	2.37923696	2.13146615	2.31750077
2.94234805	3.32740429	2.25176765	1.90520209	2.97428877	3.28302383
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27093267	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.29051632	1.50399214	2.69248804	1.20755672	1.54615702	1.7940403
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
1.64039615	0.53738242	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57176089	1.00E-04	0.39596165	1.00E-04	0.32900361
1.13970996	1.20888865	1.00E-04	0.75725904	0.49981427	1.46027761
4.29258646	4.44553146	4.32566947	4.41094994	4.56353316	4.49200843
3.35677849	3.2240422	2.66197392	4.52491828	3.39416729	3.20631312
1.00E-04	0.98023092	1.00E-04	0.71307202	0.17637488	1.00E-04
3.3977269	3.35439899	2.56197018	3.71199288	3.91966178	3.93847153
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.75874508	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.2470779
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.13844157	2.33445155	1.52319676	2.28871686	2.48774867	2.36272524
0.93994318	1.00E-04	2.40739645	1.00E-04	0.31877834	0.13038568
1.62755146	1.00E-04	1.00E-04	1.00E-04	0.40748646	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87746953	0.63425028	1.00E-04	1.00E-04	0.58662144	1.01442375
3.01380118	3.12997548	1.00E-04	2.36739728	2.13765016	2.80782747

0.67088901	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.43961201	1.00E-04	0.91598364
1.00E-04	0.45118201	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.9826668	0.90271507	1.69861292	1.00E-04	1.19566468	0.97784165
1.16018255	1.40982882	1.00E-04	1.00E-04	1.04461319	1.00E-04
5.13149597	5.24862451	4.65820082	4.96040971	5.0341196	5.00230152
4.26932942	4.29866228	4.47839399	3.98019379	4.48705015	4.15799386
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.16492726	1.25036032
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.97176731	1.00E-04	0.99082262
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.08103146	1.7585056	1.00E-04	1.11461238	1.04825636	1.2628884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37495006	2.47872255	1.28316224	2.31372407	2.74661114	2.84951383
4.1934243	4.51161358	3.91578201	3.60386938	3.53567894	3.72319166
0.09415495	1.13014365	1.00E-04	1.00E-04	1.07512196	1.28339137
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40365864	1.00E-04
1.00E-04	0.89451126	1.00E-04	0.41438246	0.12723689	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64435322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15685358	2.53489895	2.44101867	2.28880981	1.91824626	0.86966509
3.87857075	3.7894095	2.55846012	3.65527635	2.5475247	2.93852274
0.24405756	1.00E-04	1.00E-04	1.00E-04	1.53453422	1.00E-04
1.00E-04	1.00E-04	1.28609943	2.51751756	2.75379093	2.61605039
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73090252	1.78811191	1.00E-04	1.00E-04	1.56864737	1.67387331
0.09415495	0.36710226	1.00E-04	0.9722845	0.58748532	0.47271944
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.333258	5.51789308	4.04346357	5.22107166	5.37612731	5.21230736
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55626958
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.66544148	1.02612061	1.00E-04	0.90265252	1.99084857	1.35204455
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.99711626
0.56875798	1.05347705	1.00E-04	1.00E-04	1.00E-04	0.62242987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15592313	1.52826402	1.00E-04	0.82605326	1.58819505	1.68292061
1.44719208	1.16546321	1.00E-04	0.72801349	1.55997173	1.85332651

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43243323	1.00E-04	1.00E-04	0.67325668	0.92821192	0.91063929
4.36829135	4.24872943	4.78222886	4.54183018	5.13472334	4.97641889
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.72342246	1.00E-04	1.00E-04	1.00E-04	0.96587894
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43251302
0.33863567	1.08711125	1.00E-04	1.00E-04	0.57792693	0.40555046
1.00E-04	0.60493976	1.00E-04	1.00E-04	0.12723689	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51731848	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34272783
1.89761695	0.50399332	1.28609943	1.00E-04	0.98615984	1.19004679
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.00519394	1.86692472	1.82818418	0.69626284	1.45061763	0.76929311
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81625573
0.81402316	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.00E-04
1.49475146	1.28282064	1.00E-04	1.00E-04	0.60780541	0.84007701
0.84541885	1.00E-04	1.00E-04	1.81683735	1.32820205	0.60947794
0.2866935	1.00E-04	1.00E-04	1.00E-04	1.0351123	1.00E-04
0.54975373	1.00E-04	1.00E-04	1.00E-04	0.61891142	0.91063929
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.29610767	1.00E-04	1.00E-04	1.00E-04	1.32373407	0.73802209
1.15675461	1.20088997	1.00E-04	1.00E-04	1.00E-04	0.38241597
4.49406388	3.99460851	4.79614536	4.93844563	5.03052416	4.77895175
0.98237436	1.00E-04	1.00E-04	0.15557081	1.00E-04	0.32900361
1.59667251	1.4940262	1.28609943	0.59034814	2.14466079	0.9199821
1.00E-04	1.00E-04	1.00E-04	2.24441572	1.00E-04	0.78598698
1.00E-04	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41980667	1.04766008	1.00E-04	1.00E-04	0.76329363	1.6205077
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74704602
0.5798625	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.64709546	4.4167739	4.570918	3.82338789	3.3902609	3.36687707
1.15169682	1.05977517	1.06844428	1.00E-04	1.33248419	1.78545299
3.19309028	3.31791646	3.70205981	3.05397268	3.14241106	2.92469272
1.00E-04	1.00E-04	1.00E-04	0.84168944	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68179762	1.62929637	0.95662213	0.19191379	0.24597208
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.02658713	2.83924297	1.40283744	2.59120371	2.68521046	2.72700613

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.40515069	1.00E-04	1.00E-04	1.00E-04	0.23239377	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84881985	1.64715342	1.28609943	0.46633175	1.17231811	1.13700556
0.93520551	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4683059
1.0336751	0.9984243	1.00E-04	0.99056462	1.41926106	0.95770462
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3708313	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07700622	0.66190635	1.00E-04	1.00E-04	0.32943408	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64887418	2.3355398	1.4997907	2.24319292	2.87162028
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.68415126	2.95860618	2.32042218	2.30157975	2.50228455	3.33863296
0.48437207	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49041951
1.00E-04	1.00E-04	2.46099858	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09051974	1.21329944	1.00E-04	1.79540124	1.78625006	1.26465509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10461008	1.9948149	1.00E-04	2.26365751	2.38317262	2.29739947
1.00E-04	1.00E-04	1.00E-04	0.81392237	1.00E-04	1.00E-04
2.74649992	1.53282614	3.29753863	2.32680547	2.06642797	2.36694808
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.95537362	0.15137331	1.00E-04
2.07459377	2.27717559	1.7081747	1.55750979	2.06901029	1.90224056
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.4203479	0.53738242	1.00E-04	0.49600825	1.00E-04	1.00065293
5.49473091	5.32150391	4.02343982	4.74052833	5.61132613	5.49057071
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43243323	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62270905	1.67224649	2.17731027	2.81500548	1.84335763	1.94700106
1.06793443	0.21289605	1.27996271	1.00E-04	0.82244462	1.13227501
1.78422352	1.27082914	1.00E-04	0.15557081	1.50065955	1.18950071
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15671146
5.56253706	5.35580808	4.80711104	4.6581512	4.21996322	4.09196992
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.3507993	1.04127594	1.00E-04	0.81759696	0.64930733	0.49874724
1.00E-04	0.48794717	1.00E-04	1.00E-04	1.00E-04	0.73077403
0.43243323	1.00E-04	1.00E-04	1.00E-04	0.22725774	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.4266763	1.00E-04	1.00E-04
2.04194276	2.30977461	2.02152458	0.86602959	2.53533005	2.08355342
0.58826351	0.88082352	1.00E-04	1.00E-04	0.74445889	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.63114286	4.58992699	3.36163383	3.87445229	4.85104615	4.67028962
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.65923672	4.04966788	2.45627189	2.99312272	3.81563122	3.77856084
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.90860516	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.85748116	5.03637168	3.52032704	2.8548124	4.38021911	3.97785016
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85667501	0.67227121	1.00E-04	1.00E-04	1.5182732	1.17605954
1.91611906	1.40518789	1.00E-04	1.00E-04	0.97127559	0.77081969
3.07028445	3.0652902	3.06441876	3.19227924	2.90414552	3.40231534
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.05922446	3.30479761	3.87274374	2.76908853	3.21250831	3.49230444
0.32608229	1.52828167	1.00E-04	1.00E-04	0.39776263	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53844945	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.60518575	0.64822431
1.00E-04	1.00E-04	1.00E-04	1.53844338	2.27364377	2.17558528
1.00E-04	0.66201723	1.00E-04	1.96069165	2.24534048	2.23273282
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36639306	1.00E-04
0.93562465	0.92387651	1.00E-04	0.4783264	0.99249276	0.96827939
1.00E-04	0.56352431	1.00E-04	1.00E-04	0.39540733	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99090222	1.00E-04	1.00E-04	1.02486574	0.46260132	0.55289428
1.00E-04	0.45495213	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32860841	0.54115817	1.52319676	3.82457543	3.08691263	2.72877672
4.26219026	4.31413727	2.90136462	3.63363788	3.54512244	3.79086739
1.00E-04	1.11155545	1.00E-04	0.53821433	0.85497083	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.73300614	0.64059078
0.97898301	1.00E-04	1.00E-04	1.98684679	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.95537362	0.47330183	1.00E-04
0.93000202	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52268451	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43785363	1.00E-04	1.23398888	1.00778229	1.20546616
6.48536827	6.75225112	5.55575816	5.15692968	6.64040133	6.45621873
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.0739569	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75023767	1.20009037	1.00E-04	1.46411779	0.56508007	1.66281239
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43418212	1.00E-04	1.6068095	1.00E-04	0.23239377	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67008602	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16668976	1.27685618	1.00E-04	1.00E-04	1.5344409	1.18974661
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64621418	1.3384881	1.28609943	0.86014803	0.74989374	1.12348468
1.79570707	1.1625828	1.00E-04	1.5512267	1.13281308	0.89085937
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.8918081	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.73271204	3.87033219	1.00E-04	1.08945997	0.8401823	1.06663466
2.13375711	1.02431668	1.00E-04	0.53821433	2.21891722	0.92671199
1.00E-04	0.72812177	1.00E-04	1.45384078	1.29220938	1.13961778
0.09415495	1.31825696	1.00E-04	0.37771766	0.95757605	1.00E-04
3.35617662	3.36304216	3.19299459	1.61378962	2.72735015	2.45676042
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54975373	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25008842	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.56045193	1.27111518	1.00E-04	1.11012529	1.01971747	1.52489543
1.54076525	2.74675945	1.00E-04	0.4266763	1.98086697	1.22586779
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57700167	1.00E-04	1.00E-04	1.00E-04	0.32525259	1.00E-04
1.78110068	1.96514813	1.40283744	1.37481492	1.800178	1.78463986
1.69946412	1.00E-04	1.00E-04	0.24575289	0.65588066	0.30661977
1.00E-04	0.94686078	1.00E-04	0.63321171	1.3343827	1.38372223

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.76468068	0.37985824	1.00E-04
2.56394442	1.63448563	1.00E-04	1.73829729	2.30451569	1.92272393
0.66598136	0.4932192	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.40283744	0.91037714	2.05288179	2.55527622
0.1163586	0.85679172	1.00E-04	1.00E-04	0.42112811	1.36916101
1.8522093	1.87548203	1.00E-04	0.90681433	0.11579337	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	3.55634863	0.97177	2.76176556	2.97306845
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50117949	0.84168645	2.54080566	0.88744824	1.79555285	1.98873994
3.07277543	2.56526161	2.90872065	2.40114227	2.25455824	2.39481735
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.39361907	5.49274206	5.37522864	5.69722256	5.49332344	5.4220814
1.00E-04	0.50469062	1.00E-04	1.00E-04	0.64581869	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37771766	0.23623567	0.42693264
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30920117	2.11115921	1.06844428	1.89686282	2.45548685	1.87483963
1.19733781	1.82246012	1.00E-04	1.10536729	1.31208528	0.60331726
2.12117133	1.68544485	1.28609943	0.49689352	0.62525634	1.83063885
0.75803487	0.72677262	1.00E-04	1.00E-04	1.08168809	1.00E-04
2.33605489	2.29185467	1.00E-04	2.91869016	2.58097003	2.53176222
0.24136489	1.06139066	1.00E-04	0.66130263	0.65569047	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.56029689	1.00E-04	1.1691158
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35063257	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.38636496	1.00E-04	1.6624451	1.24936023	1.32786047
1.21112619	0.99059563	1.38754516	1.00E-04	0.70860193	0.45121182
1.11678789	1.00E-04	1.00E-04	1.00E-04	0.3340074	1.00E-04
0.51208842	1.00E-04	1.11518827	1.23527891	0.62941007	1.87339949
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.70793791	1.32289509	1.00E-04	0.81161137	0.87257733	0.60866464
1.00E-04	1.00E-04	1.00E-04	0.91883416	1.08937585	0.94768045
2.71271851	2.52617367	1.30789632	1.6626294	2.12990335	2.06880688
1.00E-04	1.20011717	1.00E-04	1.00E-04	0.58612879	1.00E-04
1.94907193	2.42682241	1.69994631	0.87888621	2.18108563	1.74504002
1.14506273	1.06067615	1.00E-04	0.50327942	0.34867621	1.00E-04
0.79026575	0.58972055	1.00E-04	0.8524253	1.03177066	1.04746027

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67989884	0.5153255	1.00E-04	0.92445184	1.00E-04	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.82604805	5.03319621	3.87974257	3.19740261	4.87733173	4.2567097
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53054394
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.43809141	1.00E-04	1.00E-04	0.23239377	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.06381005	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36372495	1.03667411
1.00E-04	0.21289605	1.00E-04	0.86704502	0.57358482	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66525655	3.05258174	1.89992109	1.14258785	2.500426	1.93943389
2.09204211	2.98702343	2.74059395	3.10055161	3.09961896	2.81859326
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04083268	0.30433976	1.00E-04	1.00E-04	0.66610331	0.30974433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.43607717	0.96881221	1.25231129
4.00209254	3.84522909	3.87172144	4.28058553	4.06527807	4.24051663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56427265	1.06254124	1.00E-04	0.49595628	0.11783267	1.00E-04
1.37296526	1.00E-04	1.6068095	2.12152366	1.9005243	2.53742105
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.79405316	3.05942658	1.74110187	1.28379704	1.2711652	1.10372747
0.64652675	0.75174116	1.00E-04	1.00E-04	0.11579337	0.25940884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.71162396	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57134433	1.03744604	1.00E-04	0.15557081	1.54468515	0.3996048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02163077	0.82847756
1.00E-04	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65593614	1.00E-04	1.00E-04	1.00E-04	0.53844945	1.00E-04
1.00E-04	0.44747489	1.00E-04	1.00E-04	0.28404155	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.48685925	3.45544329	2.95698601	2.87091264	3.94486696	4.08336239
4.19569105	4.01313181	4.79851099	4.1611492	4.52627525	4.41286847
1.00E-04	0.80469331	2.51179881	2.39524247	1.91304967	2.08702479
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.92235946	2.94911465	3.25811275	2.5639059	2.48693124	2.49319183
0.8945181	1.00E-04	1.00E-04	0.7626518	0.57885604	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.39596165	1.38751739	1.22773843
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.59844494	3.93090533	3.17774033	2.43428238	4.12575502	3.65975362
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98644359	2.1740273	1.00E-04	1.11758476	1.50674524	1.12476379
0.30060549	0.62690381	1.28316224	1.00E-04	0.45465336	1.40156423
3.27564755	2.98777073	1.40283744	2.44050009	3.4656143	2.98782625
4.20058255	3.60193965	2.02546493	3.12300011	3.65510468	3.26874039
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36372495	1.00E-04
1.46862499	0.63913365	1.00E-04	0.78264478	1.00E-04	1.00E-04
1.00E-04	0.40836194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.87693458	0.52374494	1.00E-04
2.37854824	1.69198413	1.00E-04	1.21989058	1.99889199	1.4035928
2.29880695	2.18774599	1.38754516	1.67087126	1.86899257	1.34121013
0.60252178	1.00E-04	1.28609943	0.58417725	1.00E-04	1.00E-04
1.00E-04	0.36607432	1.00E-04	1.00E-04	1.00E-04	0.37073618
0.15907666	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.09964803	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85783963	0.69136595	1.00E-04	1.17821078	1.00E-04	0.63793672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61853892	1.04530284	1.00E-04	1.12985091	2.03004682	1.78449288
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34272783
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30913278
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	0.21329315
0.49843975	1.36875532	1.00E-04	1.05871514	1.01020936	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.28792942	3.15660066	1.38754516	1.95021286	3.07545625	1.8613476
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34272783
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.80306694	1.00E-04	0.25940884
0.77658702	1.00E-04	1.00E-04	1.00E-04	0.45228912	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9713295

0.62080191	1.32289509	1.00E-04	0.15557081	1.00E-04	1.00E-04
3.76893008	3.90263181	3.89504251	4.08310528	4.00820738	4.32421399
1.00E-04	1.00E-04	1.00E-04	0.32864749	1.00E-04	1.00E-04
1.38133733	0.45118201	1.84089633	3.05783874	2.60264617	1.99915525
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.91297617
0.58871261	1.00E-04	1.00E-04	1.00E-04	0.25750812	1.00E-04
0.33099482	1.00E-04	1.00E-04	1.00E-04	0.3189932	0.35232833
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.45350244	4.66696448	3.76936863	3.92342877	4.66377539	4.41039691
1.44910215	1.145706	1.00E-04	1.7897091	0.63771785	0.90151273
0.69330522	0.5224743	1.00E-04	1.1233493	1.00E-04	0.92614987
0.44087771	1.00E-04	1.00E-04	1.00E-04	0.36580327	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.09942361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33579007	1.00E-04	6.13941829	5.98969514	6.80532559	7.1747236
1.00E-04	0.62394601	1.06844428	1.00E-04	0.65334627	0.36890356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99600384	1.18935064	1.00E-04	1.00E-04	0.7743539	0.28825543
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17637488	1.00E-04
3.39829906	3.42318747	2.28102325	2.2203364	2.8177289	2.59036218
1.21928537	1.00E-04	1.00E-04	1.00E-04	0.08158092	0.67633377
0.99359366	1.00E-04	1.00E-04	1.00E-04	0.36612447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37624996	1.00E-04
0.1163586	1.01357901	2.26969129	1.24092279	1.57095962	1.33138912
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.64408165	1.62576041	1.00E-04	0.93895895	1.7480626	0.89250348
0.93783613	1.8693301	1.00E-04	1.00E-04	1.2329588	1.11447608
1.00E-04	0.86453657	1.00E-04	1.00E-04	0.78772066	0.77081969
0.87048078	1.06326882	1.00E-04	0.47606859	0.80454116	1.03473317
0.37624481	0.63462979	1.00E-04	1.00E-04	0.59520642	1.00E-04
3.41486139	3.91637072	3.37243664	3.04732584	4.08546298	4.02777583
1.54549506	1.17392285	1.00E-04	1.26797081	1.36415756	2.27696675
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.82251772	1.38263602	1.30986649	1.52816609	1.606139	0.72024243
1.00E-04	1.00E-04	1.00E-04	0.32864749	0.48628564	0.53812177
1.00E-04	1.00E-04	1.00E-04	1.52011601	1.47628234	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
1.00E-04	0.83086789	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.79650495	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00698287	1.00E-04	0.49595628	0.56508007	1.24272344
1.00E-04	0.64993987	1.00E-04	0.98432734	1.10805272	0.98764044
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.9989809	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.18741528	4.08801331	1.92743152	2.78402396	4.03172059	3.84918002
1.00E-04	0.75289907	1.00E-04	1.00E-04	1.00E-04	1.00126965
0.57907938	1.00E-04	1.00E-04	0.56487062	0.15700548	1.00E-04
1.56302616	1.55128515	1.06844428	0.71483527	0.29569648	1.43495472
2.35021081	2.27498285	2.72771699	2.70114943	2.4438551	2.29031209
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.80295674	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.70840066
0.2866935	0.30433976	1.00E-04	1.00E-04	1.00E-04	0.81869677
1.01269593	0.62690381	1.00E-04	1.09379967	0.41614547	0.97099541
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4932192	1.00E-04	1.00E-04	0.86879603	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.78264478	1.00E-04	1.00E-04
2.73275064	3.20419112	1.69994631	2.15339787	2.43687391	2.72698545
2.23251806	1.44143912	1.80090894	1.71334048	1.58103227	1.62183499
1.0701763	0.64993987	2.37523392	0.93196305	0.55082389	1.5517949
1.79852916	2.04034551	2.94648736	0.9147468	1.86587172	2.14037782
1.77196622	1.8435885	1.38754516	2.26451031	2.06728013	2.50794903
0.86580123	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5845187	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.4887782	1.00E-04	1.00E-04	0.65237453	1.00E-04
0.52523255	1.00E-04	1.00E-04	1.00E-04	0.19191379	1.36808096
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13504546	1.06530796	1.00E-04	0.59034814	1.00E-04	0.15499183
2.00241943	2.25709417	1.00E-04	1.00E-04	1.09584837	1.00E-04
2.24901598	1.71917508	1.00E-04	2.24519216	1.53684986	1.49409283
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77102853	0.64234672	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73897369	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11986663	2.07112216	1.00E-04	2.04249074	1.43965175	1.45513099
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.74667061	0.94334322	1.01811585	1.24070066	0.65355367	2.0150355
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07959789	2.9746946	3.63472823	3.92435466	3.649747	3.95528483
0.23992814	1.00E-04	1.00E-04	0.30764686	1.05259089	0.97933523
2.14748311	2.12278366	1.00E-04	0.93498819	1.78455413	0.87169107
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32197209	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90484264	0.71162396	1.00E-04	1.23517384	0.26497846	0.85228858
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.44222027	3.36530194	3.68968338	3.39111707	3.15918873	3.71583271
0.81839493	1.71877729	1.00E-04	1.60209534	1.02604048	0.55312459
2.09640419	2.45009739	1.00E-04	1.55974755	0.9154387	2.3576987
0.67463683	0.98284977	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.27460172	3.05704537	2.32722852	1.36533781	2.49998729	1.98140241
1.00E-04	0.55552765	1.00E-04	0.79650495	1.00E-04	0.29215915
1.00E-04	0.50028658	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22357363	0.8860848	1.00E-04	1.00E-04	1.46270741	0.67387996
1.00E-04	1.00E-04	1.00E-04	0.60692892	0.46570086	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66598136	1.00E-04	1.28316224	0.80481774	0.71255687	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61587219	2.68570936	1.97044181	1.9234682	2.49851591	3.0141165
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	0.2878742
3.95165456	3.598021	2.60279747	2.88763394	3.60021163	3.87917905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.99789723	5.15851957	4.55611358	4.37273079	4.70635736	4.98549908
0.98769322	1.00E-04	1.00E-04	1.00E-04	0.34965935	0.93127485
1.00E-04	1.01430436	1.00E-04	1.00E-04	0.53862715	1.09013287
2.48443433	2.80951175	2.54815068	1.55025285	2.93573457	1.93316003
1.00E-04	1.00E-04	2.48217751	2.09745332	1.91425096	2.4678055
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.24553159	1.00E-04	0.99953588	1.13083942	0.3321585
2.0385477	2.74220846	1.89064666	0.82090315	2.6659391	1.73754045
1.00E-04	1.00E-04	1.00E-04	0.99585509	1.03078926	0.53054394
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59374324	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02333253	0.98754191	1.00E-04	1.00E-04	1.18495486	0.96030624
1.00E-04	1.00E-04	1.00E-04	0.46085181	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.31447862	2.53580629	2.34990633	2.0905191	2.40575243	2.71483479
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53206198	1.75911506	1.00E-04	0.65443388	1.96278113	1.21653728
3.28872036	3.85328425	3.14184539	3.82609837	3.30295765	3.25356646
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.8347143	2.30681346	2.70652486	3.29254484	2.95712307	3.04757641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.40970839	3.86797358	1.00E-04	2.23839216	2.63824662	3.19306282
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51186136	1.00E-04	1.00E-04	0.61790071	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.49443634	2.05306495	2.97006022	2.68455715	2.35896267	2.57562869
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.71219483	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.2415745	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.3967811	1.00E-04	1.00E-04	0.41653529	0.84644064
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.33892297	5.3805294	5.47829755	5.96521266	5.86205698	5.74584221
2.70518757	2.77917398	1.27996271	2.02246608	1.92515224	2.14436042
0.27093267	1.00E-04	1.00E-04	1.00E-04	0.22725774	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.55054818	1.26696671	1.00E-04	1.84399536	1.38038334	1.33605061
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.21289605	1.00E-04	1.00E-04	0.1826159	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.6617832	5.53231359	1.00E-04	1.22760512	2.13928017	0.64152968
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25940884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.01614654	2.56839723	2.82286456	0.90012517	2.82325366	2.00069673
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.04219779	4.25168818	3.38491612	4.10990664	4.14572829	4.23730761
2.26043801	1.35585701	1.00E-04	1.31920489	2.44916889	0.34272783
3.26923242	2.95645869	4.91925532	4.92180074	5.03699798	4.9733388
2.31580477	2.8727728	1.00E-04	2.08762589	2.66012675	2.6102318
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32831434	1.00E-04	1.00E-04	1.00E-04	0.47957636	1.00E-04
0.54951953	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73274379	1.20142231	1.00E-04	2.44265608	1.60815365	1.55092519
0.33099482	1.00E-04	1.6068095	1.00E-04	1.13678266	0.62848175
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60327704	1.64268829	1.00E-04	1.26377794	0.89579167	0.47910281
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88875327	1.00E-04
0.68349296	1.33763185	1.74110187	1.45963047	0.31130482	1.35266441
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44413777	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30027358	2.80982136	1.11518827	1.05634925	2.28905495	2.07658933
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83495179	1.00E-04
1.00E-04	0.9101213	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.50399332	1.00E-04	0.72457051	1.00E-04	0.13067397
0.96579515	1.24540498	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.76829922	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40665698	1.00E-04
0.79393068	1.44496849	1.00E-04	0.96525035	1.02542824	0.89388798
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55552765	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94310206	0.54252238
1.00E-04	1.36944169	1.00E-04	1.00E-04	0.48393323	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.31962709	2.82334364	1.27996271	0.87486832	2.29291613	2.1030649
0.62870704	1.74658684	1.00E-04	0.88257138	0.83786087	0.67691369
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.75482362	1.71431103	2.22408702	1.34634918	1.73926227	1.08349738
1.00E-04	0.55552765	1.00E-04	1.00E-04	1.00E-04	0.44764775
2.29997958	2.75698693	2.77597973	1.9342293	3.07233104	3.57514002
0.24405756	0.56352431	1.00E-04	0.69282833	1.00E-04	1.00E-04
0.8444645	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
3.77314657	4.11077654	3.67836355	1.9227136	3.45971937	3.1046793
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3428436	1.00E-04
0.45216556	0.59436393	1.00E-04	1.00E-04	1.34746216	0.15499183
1.46013716	1.68772875	1.30986649	0.93840255	1.83326626	1.64554237
0.45859847	1.06148266	1.00E-04	0.5252732	1.00E-04	1.00015178
1.98746735	2.29679549	1.00E-04	0.80332719	1.88346332	1.86846426
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.63220067	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30060549	0.64887418	1.01811585	1.00E-04	0.1324183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.72677262	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.29899981	1.00E-04	1.00E-04	0.96931493	0.33307364	1.00E-04
4.80272939	4.59221924	4.51725906	4.73758856	4.41452007	4.4716117
5.28212442	5.55054369	3.08415769	1.1233493	2.2381707	2.19230429
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.51432037	1.26722026	1.38754516	1.4558731	2.2964723	1.91612974
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.30835594	3.24862031	3.98295241	3.92594403	3.91778741	3.93929684
1.00E-04	0.76393893	2.34926999	1.33922878	2.26490809	3.03931992
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.02760975	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62242987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32792021	0.50428197
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02163077	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45691315	1.00E-04	0.41871868	0.43966471	0.40555046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23239377	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.14014461	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52523255	2.08417755	1.00E-04	1.91094612	1.61138013	1.07056441
1.00E-04	1.3940968	1.00E-04	0.76113877	1.04546273	2.50733993
6.00883282	6.22857787	5.30079917	4.43574239	6.00051627	5.70719225
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34867621	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29591257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55632674	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
7.11308812	7.32666891	6.14722198	5.45901825	7.17443531	6.74771046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.50558585	4.42569176	4.14239914	4.36772709	4.48648034	4.83832741
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.46085181	0.1826159	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.5391486	1.30986649	0.46633175	0.45329715	1.82406537
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.83133888	3.19620086	1.00E-04	1.93666763	0.33408632	1.35293733
1.00E-04	0.48013639	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14636335	0.21289605	1.00E-04	0.87025526	0.23239377	0.3321585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50369671	0.8918081	1.00E-04	1.00E-04	1.08812705	1.00E-04
4.50781894	4.36415368	4.38894544	4.68134145	4.77854595	5.16589535
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.6902533	1.00E-04	0.47895959
0.83244705	1.00E-04	1.00E-04	0.30764686	0.68687103	0.57324211
1.28353509	1.70580686	1.00E-04	0.59574527	1.30963286	0.28509766
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5729386	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36639306	1.00E-04
3.33765209	2.81921801	1.00E-04	2.54731276	3.33073783	2.75841259
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30680461	2.12352308	2.37572155	1.09885206	1.66566241	0.90396996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.25216401	0.55552765	1.00E-04	0.90265252	0.4897726	0.65892516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.39448142	1.01893303	1.00E-04	1.00E-04	0.98015696	1.05894999
0.50685107	1.93083531	2.00743688	0.14912336	0.98796146	1.08421554
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95679329	1.59458567	1.27996271	1.00E-04	0.66682395	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.20527357
1.00E-04	1.00E-04	1.00E-04	0.49600825	1.00E-04	1.00E-04
1.141988	1.50156874	2.17829748	1.34636447	2.15030753	1.98857697
0.78855014	0.95682464	1.00E-04	1.00E-04	0.53749043	0.16565788
0.62657266	0.48013639	1.00E-04	0.67384177	0.79552708	0.91632913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83710512	0.94937127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.40283744	0.65544368	1.00E-04	1.00E-04
0.94530249	1.91154845	1.00E-04	1.49225424	1.61371301	1.9494836
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89678012	1.87509926	1.00E-04	1.06279478	1.57042136	2.07882378
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.85593686	4.25775923	3.57710639	2.10631007	3.91238725	3.44801218
6.471684	6.34659006	6.07546931	6.54091698	6.98970065	6.71280885
1.00E-04	1.55321234	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.75600297	5.05066544	3.98080893	3.52635332	4.39316514	4.40744032
2.94598829	2.7436695	3.35727273	2.43025738	3.49070222	3.49855188
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.46850272	0.88012494	1.00E-04	1.00E-04	0.83356188	0.7207748
1.00E-04	0.69674853	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34972558	1.14429862	1.6068095	1.81261603	0.9063953	0.16565788
0.81103579	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.72572187	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	3.8415701	2.88653263	2.78467426	3.67157795
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.63595419	2.67849451	2.50004805	1.08598192	2.4143767	1.27608228
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95614455	1.17088107
0.79818278	1.11019565	1.00E-04	1.00E-04	0.54054718	1.43814446
1.00E-04	1.02399402	1.00E-04	1.00E-04	0.57636783	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
3.86884866	4.01335013	2.78135193	2.6243751	3.45720992	3.60816064
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.64628905
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.99952546	1.00E-04	0.92562803
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64490035
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.72101876	4.56338263	1.00E-04	1.08787293	4.40207322	3.49857552
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.58410459	1.4694446	1.81894898
1.15677197	0.55591422	1.00E-04	1.40113129	2.20986083	1.98314624
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.77443879	2.47026928	1.00E-04	1.92893021	1.72156573	1.76965759
1.50708061	0.78225905	1.00E-04	0.93022784	0.23732872	0.64174318
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.05051801	2.72212263	2.68778629	1.9353958	1.24236526	2.03134447
1.06490827	1.00E-04	2.78973805	0.95151923	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88821618	1.00E-04
1.32676911	1.20132658	1.49210505	0.37771766	1.72941493	1.83282941
1.00E-04	1.00E-04	1.00E-04	0.93918764	0.64581979	0.25940884
1.00E-04	1.00E-04	1.6068095	1.60767154	2.14777683	1.89730442
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50204647	1.00E-04
1.8158392	0.74771768	2.76595558	0.64324128	1.69044728	1.83512615
1.00E-04	1.00E-04	1.00E-04	1.21989058	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.40283744	1.00E-04	1.00E-04	1.00E-04
1.4300514	0.6641313	1.27996271	1.00E-04	0.45063025	0.99598892
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55896898	1.00E-04	1.00E-04	1.00E-04	0.15137331	1.00E-04
0.82240454	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.74179744	1.00E-04	0.49600825	1.65612355	0.64490035
1.00E-04	0.75289907	1.00E-04	0.83505816	1.00E-04	1.00E-04
1.00E-04	0.36710226	1.00E-04	0.80306694	0.70021357	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54857924	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.7537902	0.79498067	0.73344956
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51477986	1.00E-04	1.00E-04	1.00E-04	0.12413672	0.24407857
1.47375461	0.74771768	3.06540637	0.37250181	1.38510641	1.32445424
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.76620686	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.3488772	5.5810731	1.00E-04	1.16825922	2.23383539	0.61962321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.59027987	0.53117747	1.30789632	1.00E-04	1.14638014	0.26920678
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.35811479	0.30433976	1.06844428	1.00E-04	1.00E-04	1.17088107
1.85954151	2.00300227	2.7084741	0.92639647	1.37649302	1.52162419
2.26015829	2.26613045	1.00E-04	2.42151873	2.31148552	2.34825213
3.25785441	3.63989237	3.31109588	3.43639143	3.15415647	3.47004371
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.13305413	2.67027265	2.04027175	2.01728584	2.06596695	2.07321505
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93851318	0.30433976	1.00E-04	0.4266763	1.00E-04	0.54828133
1.421958	1.81075359	2.04595548	0.91223144	1.51183464	1.80823509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73323762	0.67399315	1.40283744	0.66010957	0.32943408	0.48971388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35265944	4.09049293	2.03015736	1.54926392	3.17168586	2.91144726
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83160248	1.00E-04
0.93626656	0.24251465	3.13498866	3.36347375	2.49670112	2.19032756
2.09141842	1.75936137	1.28316224	0.68032127	1.08881785	0.57544353
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.47957636	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99970661	1.0751612	1.01811585	0.83398909	0.61537852	1.63528608
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64176485	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.79018006	3.8687838	4.169204	4.09618062	3.7102612	4.23593139
0.68299491	1.00E-04	1.00E-04	0.56399031	1.00E-04	0.46873513
2.67479455	3.179377	1.77763584	2.78552467	3.17778321	2.8667677
1.20519621	1.89841215	1.00E-04	0.56029689	0.3817484	1.36846672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36612447	1.00E-04
1.00E-04	0.40836194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.26551501	5.22891241	4.75047164	4.69620233	5.35813113	5.06802614
2.83204396	2.93375812	3.44116471	2.34327581	2.63147883	2.92253703
6.15438463	6.29985623	5.92676194	5.63528153	6.43106485	6.48796387
0.67325245	1.00E-04	1.40283744	1.00E-04	0.48393323	0.31227169
4.0922127	4.45375381	4.53114404	4.50527506	4.57821476	4.72810287
0.37484237	0.45691315	1.00E-04	1.00E-04	0.13427639	0.38874354

0.09292159	1.00E-04	1.00E-04	1.14014461	0.64581869	0.43730888
1.00E-04	1.11087529	1.00E-04	0.81334497	0.18945863	1.00E-04
0.72087393	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26139204	1.54037164	1.00E-04	1.00E-04	1.07681189	0.63250491
1.18246388	0.30163127	2.49878182	2.7003763	2.87195572	2.56571095
1.00E-04	1.07702376	1.00E-04	1.00E-04	0.48458608	0.57048441
0.6857151	1.93958063	1.46133917	1.09492512	1.92135087	2.15427919
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.97025234	1.00E-04	1.00E-04	1.06887672	1.00E-04
4.05869894	3.88683985	1.00E-04	1.00481055	1.19807283	0.98665311
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	0.5252732	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.20371186	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02237649	0.9989809	1.00E-04	1.00E-04	0.68222262	0.91044895
3.61890854	3.44428396	3.16982398	2.36342545	3.51493948	2.97398304
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64176485	1.00E-04	1.00E-04	1.00E-04	0.55282829	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54937466	1.00E-04
3.68583482	3.85197458	3.32437016	3.00886491	3.23909082	3.64201422
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33004234	1.00E-04
2.48151619	3.14178766	1.30789632	0.94204556	2.51596056	1.29221162
1.80039312	1.52132288	1.00E-04	1.00E-04	0.76232878	0.90957559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79628606	1.00E-04	1.00E-04	0.49595628	1.70888015	1.01575659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18229203	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.08723431	0.30163127	1.00E-04	1.00E-04	0.34506186	0.51902784
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02929105	0.9054556	1.78801416	1.96778252	1.3194961	2.09274463
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12413672	1.00E-04
2.10718465	2.15747407	1.28609943	1.5458487	1.80056667	1.75048788
0.51731848	1.00E-04	1.30789632	0.79512331	1.00E-04	1.00E-04
1.43693108	1.31927801	1.38754516	0.88910568	1.21186148	1.21000659
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51044831	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61194485	2.85602092	1.7257134	0.82398047	2.59042245	2.0965002
3.05902746	2.62182586	1.52319676	2.77552798	2.86448738	2.66868701
0.75008908	1.00E-04	1.00E-04	0.69282833	1.00E-04	1.00E-04
0.69167046	1.00E-04	1.00E-04	0.6309036	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32831434	0.3967811	1.00E-04	1.00E-04	0.89145578	1.00E-04
3.40387641	3.63528294	2.25028936	3.0435661	4.5050504	4.14891174
4.26781069	4.56695374	3.29145594	4.20805138	3.68502401	3.4607863
1.9079543	1.49327638	1.00E-04	0.46633175	1.40536488	1.16429822
1.99282462	1.74621068	1.00E-04	1.90394872	1.94538866	2.63670159
1.00E-04	0.50399332	1.00E-04	1.00E-04	0.91316172	0.87234049
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86700902	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.00E-04	1.00E-04	2.26467322	1.97268914	1.83917045	2.13165796
2.079724	2.54580033	2.7130028	0.5730619	2.55189247	1.66450477
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15700548	1.00E-04
0.51477986	1.00E-04	1.00E-04	1.00E-04	0.49981427	0.12854881
0.35507067	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.67567632	2.71180244	1.54304638	1.85029328	3.34562335	2.46649403
1.00E-04	1.00E-04	1.74110187	0.6309036	1.05907692	0.30974433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83492723	1.68288441	1.00E-04	0.85722768	0.90682589	0.93810153
0.55896898	1.00E-04	1.42763756	1.09507288	1.32808601	0.36890356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.86453657	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.36630267	0.9341542	1.75472403	0.57243387	0.50276861	1.00E-04
1.00E-04	1.38177591	1.30986649	1.00E-04	1.00E-04	0.67368589
0.69330522	1.12182148	1.74894376	1.00E-04	1.1255039	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.78052184	1.00E-04	0.25428292	1.00E-04	1.00E-04

1.00E-04	1.16848896	1.00E-04	1.00E-04	0.20741555	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.65946786	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.73310115	2.44482715	2.32689592	2.10726863
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.95018698	1.23010278	1.8503227	0.67384177	0.52812965	0.62597232
0.50540032	0.9449026	1.00E-04	1.00E-04	1.00E-04	1.58511141
1.34435278	1.02237602	1.06844428	1.00E-04	1.2369753	1.78408357
2.13768535	1.87581685	1.00E-04	2.40548672	1.81752944	1.54318292
1.00E-04	1.00E-04	1.00E-04	0.30764686	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.00E-04
0.55132028	0.76890367	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.68764222	4.67918458	3.45174175	3.81389122	4.81317412	4.64671176
1.39153917	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	0.48013639	1.01811585	0.73505635	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57907938	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62998669	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93851318	1.00E-04	1.00E-04	0.58417725	1.42422464	1.86684029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.33267709	1.00E-04	1.00E-04	0.95130053	0.24433588
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10543403	1.13564893	1.00E-04	1.00E-04	0.3160278	0.83508919
1.00E-04	1.00E-04	3.2747478	2.09472256	1.27370739	1.74703183
6.66357995	6.60338799	6.29796131	6.2648873	6.60245909	6.57542407
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00991591	1.00E-04	1.00E-04	0.47039756	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.56427265	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.36474324	3.50056814	2.75535898	1.89560015	2.97656478	2.99770305
0.15907666	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.1324183	0.36146537
1.00E-04	0.8138886	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

4.59077963	4.85583017	3.14133272	0.91001045	1.34787885	1.55853553
0.64899018	0.5449975	1.00E-04	1.00E-04	0.22725774	1.00E-04
1.70776884	1.83503288	1.82713664	2.0396678	0.91529948	1.94218074
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53902257	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.03516448	1.08047949	1.15907513
1.00E-04	0.54611412	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.97615349	2.73751278	0.61493603	1.14572499
0.31757588	1.78594876	1.00E-04	1.40681136	1.62585505	1.23024685
0.99937168	0.66964856	1.00E-04	0.64324128	0.69974581	0.55036061
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.27926373	0.79066159
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8932738	1.43621727	1.00E-04	1.00E-04	1.42383032	1.01789427
3.85669375	4.00322831	3.95188307	3.87726949	3.53828478	4.04641788
1.62696301	0.66190635	2.6015394	1.69314538	0.9304203	1.34687836
1.00E-04	0.72677262	1.00E-04	1.00E-04	1.00E-04	1.09942361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.16272396	1.00E-04
1.00E-04	1.42350925	1.94733951	3.33900312	2.85489308	1.83281453
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.42561037
0.90653136	1.00E-04	1.00E-04	1.06967063	1.00E-04	1.33160689
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49240339	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86120425	0.70638095	1.00E-04	1.33442956	1.00E-04	1.00E-04
1.02015964	1.72145869	1.00E-04	1.00E-04	1.26103603	1.08947522
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.54046917	2.90944575	2.18025638	1.08527212	2.62724046	2.61205747
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28509766
1.18745018	0.83441568	1.00E-04	1.00E-04	0.31853502	0.99174262
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24760841	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44867039	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.96011163
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52523255	2.0412751	1.84272348	0.4783264	1.26924038	0.69018905
3.4650022	3.89448761	3.34509248	2.80671855	3.93214433	3.65256724
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32169127	1.00E-04	1.28316224	1.00E-04	0.91463822	1.37282241
1.00E-04	0.57176089	1.00E-04	1.00E-04	0.58408879	1.00E-04
1.47973385	1.3333522	1.00E-04	0.9369167	1.13039641	1.21639921
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.54543348	1.00E-04	1.00E-04	1.22964218	0.63361864
0.61533666	0.89636582	1.00E-04	1.00E-04	0.3548392	1.01249777
1.67501578	1.45964088	1.00E-04	0.74310137	0.96139204	0.55644922
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.80196392	1.16691548	1.00E-04	1.00E-04	1.21476499	0.62918788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57696471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97545101	1.46725202	1.00E-04	0.37250181	1.65004661	1.75023157
0.09292159	1.00E-04	1.00E-04	1.72009738	1.65338146	1.29185805
1.00E-04	0.30433976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.32197225	4.20101847	3.95515335	3.42178414	3.63508428	3.76095429
7.54176085	7.06847102	6.93024715	7.07422772	6.86027403	6.3443786
0.16178697	1.15924793	1.00E-04	0.91287901	0.67227742	0.48392369
1.00E-04	1.00E-04	1.68391787	1.98618367	2.27821769	1.43250903
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78942612	0.36710226	1.00E-04	1.07654141	1.30603332	2.07196925
1.42106856	1.53682635	1.28316224	2.05169678	0.84437207	1.58834968
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.34573478	3.49823853	2.18505109	1.80431202	2.56514926	2.5887115
1.84183711	1.00E-04	1.00E-04	1.05106555	0.78009573	0.65574892
0.3581959	0.86456241	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29810286	0.78390163	1.00E-04	1.00E-04	0.85524143	1.12637288
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.99061247	1.00E-04	1.00E-04	1.4602104	1.01172804	1.00E-04
1.98538728	0.8948254	1.00E-04	1.11612764	1.59154699	1.90509474
1.00E-04	1.00E-04	1.00E-04	0.6796518	0.83189259	1.00E-04
0.09415495	1.00E-04	1.00E-04	0.57264305	0.28858336	1.00E-04
3.30359461	3.0964843	2.18976771	1.98746336	2.4478954	3.12285429

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.24032574	4.65168186	4.38528588	4.13594616	4.2085419	4.71530835
2.15972966	1.75680837	1.00E-04	1.10596871	1.69370368	0.3321585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64887418	1.00E-04	1.00E-04	0.26331377	1.01249777
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.66574538	0.31843376	1.00E-04
2.73773966	2.03613599	1.00E-04	0.88988877	2.06099393	1.16056294
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43161773	1.02478765	1.38754516	0.57756609	1.86363842	1.5627797
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.45820621	5.38558842	5.87377238	5.97048382	5.76014039	5.91373301
1.00E-04	0.58812963	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.50028658	1.00E-04	1.00E-04	0.15137331	1.81176987
1.00E-04	0.56648379	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.54676642	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.97093798
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68083469
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43426816	0.94555242	1.00E-04	1.04223312	1.57997706	1.7771128
1.60819487	1.57787162	1.00E-04	1.56499118	1.75244087	1.95058035
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.64324128	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44112676	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33099482	1.00E-04	1.00E-04	1.00E-04	0.35400979	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53731025	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64360378	1.00E-04	1.00E-04	1.00E-04	0.62571237	0.70160428
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00924216	1.00E-04	1.00E-04	1.00E-04	0.52170307	1.00E-04
1.00E-04	0.52991195	1.00E-04	0.63389895	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.12041685	1.55033005	1.00E-04	1.31814569	1.1510584	1.00E-04
1.27040191	0.21289605	1.00E-04	1.00E-04	0.13235227	1.10621259
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19652986	0.32900361
2.80104345	3.87077511	3.21240566	3.79236047	3.519153	4.1584966

1.05035542	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32608229	1.00E-04	1.00E-04	0.37082421	0.61622233	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.12498232
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29610852	1.00E-04	1.00E-04	1.00E-04	0.31853502	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16448447	0.28509766
2.2023949	1.30409539	1.28609943	1.00E-04	0.91276055	0.8152368
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.70892528	0.46535134	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.25673786	0.92253755	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86779171	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.69313868	0.44506821	0.27250157
3.1506727	2.71532168	2.97710756	2.10329541	2.71838599	2.83613089
1.00E-04	1.00E-04	1.00E-04	0.32864749	1.00E-04	0.64822431
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56456051	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.78815465	1.00E-04	1.00E-04
3.88272734	3.42939374	3.1113485	3.11275509	3.38102585	3.34774558
2.96388397	3.40138397	1.00E-04	1.87037289	2.71687325	3.2173634
0.09292159	1.00E-04	1.06844428	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58770792	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.72091073	1.40193233	1.00E-04	1.00E-04	0.6455703	1.88594899
1.00E-04	0.77856629	1.00E-04	0.37082421	0.11579337	0.44175658
1.00E-04	1.86590669	1.00E-04	1.00E-04	0.69937767	0.5939035
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37848093	1.54156797	1.00E-04	1.56208056	1.84124165	2.7251824
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45834436	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3340074	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.31381874	1.00E-04	1.00E-04	0.384617	0.38874354
2.28771867	1.94322781	1.30789632	2.1859879	2.45562253	1.64058333
1.00E-04	1.00E-04	1.00E-04	0.64315265	0.1826159	1.12415914
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.18865787	3.35321485	3.82158019	3.10848341	2.98249036	3.1402319
0.91845376	0.89640367	1.11518827	1.16948072	1.87554999	0.90824405

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32174827	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57700167	1.00E-04	1.00E-04	1.00E-04	0.13235227	0.68083469
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.28190872	3.06955214	2.60271454	2.74499292	3.46828102	2.76670702
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.7115324	1.89826353
1.42530307	0.5280252	1.00E-04	1.13156417	2.00726864	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.18663051	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.02005054	1.00E-04	2.38083731	1.00E-04	2.30164408
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34669369	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11816312	0.93917482	1.00E-04	1.00E-04	1.116471	0.36890356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.84226787	5.13449174	4.10170002	3.78186596	4.04098949	4.33526605
2.14932774	1.95226433	1.00E-04	0.95537362	1.44878257	1.84573291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56160334	1.70561489	1.00E-04	1.42462504	2.25171743	2.36514423
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14912336	0.63341697	1.00E-04
0.4365896	1.16495903	1.00E-04	1.00E-04	0.41749904	1.55521954
0.66023508	0.84355469	1.00E-04	0.67521107	1.13281308	0.55369041
1.00E-04	0.67526174	1.30986649	0.52738567	1.22343026	0.6359677
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78009573	1.00E-04
1.53975136	2.07607513	1.40283744	1.00E-04	1.57231434	1.44324552
1.00E-04	0.67227121	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.48540586	1.00E-04	0.50430847	1.00E-04	1.00E-04
2.71443482	2.48516962	2.64354951	3.46856835	2.70585499	3.08636265
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.4447033	3.07410132	1.30986649	2.90849483	3.06852981	3.39916799
1.21753661	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28509766
0.69979419	0.66964856	1.11518827	1.00E-04	0.50186414	1.22352409
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.7083881	0.38408963	1.00E-04	1.00E-04	0.32252004	0.81160522
1.05480295	1.93023373	1.38754516	2.27068874	2.06120583	2.6203459
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.24136489	1.00E-04	1.00E-04	0.58849759	1.00E-04	0.15671146
1.00E-04	0.41929553	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56456051	1.00E-04	1.00E-04	0.64862214	1.00E-04
4.18009467	3.98340598	3.98784653	4.23832042	4.62751259	4.55727566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1826159	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26331377	1.00E-04
2.80905218	3.10805134	3.02725911	1.94933333	3.37898981	2.89026928
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.87057004
1.00E-04	0.75203029	1.00E-04	1.00E-04	1.00E-04	0.32900361
6.24042828	6.0098153	3.12245807	2.7414844	3.13568328	3.53833295
3.46379509	3.39135059	1.82884255	2.4736203	2.19928557	2.78302893
5.20121814	5.33788721	1.00E-04	1.42183508	0.91451984	0.87239482
0.79964775	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10451709	1.82495486	1.00E-04	1.01649653	1.33215848	1.1846164
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.43300556	5.32052437	5.07099487	5.49111957	5.42522258	5.47373601
0.81402316	1.00E-04	1.74110187	0.97436818	1.00E-04	0.71813816
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.59105814	0.21329315
0.5651391	1.05213296	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.44979897	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35063257	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.59574527	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.64978027	3.99127485	3.3359081	3.56005177	3.6538892	3.8938236
1.00E-04	0.63462979	1.00E-04	0.15557081	0.11783267	1.00E-04
0.1163586	0.79837719	1.00E-04	0.89336044	0.33052186	0.28509766
1.29497145	1.14705577	1.00E-04	1.00E-04	0.70367824	0.43189376
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.67525761	3.43985923	1.92782151	2.92099069	2.52308464	2.48965788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.89010689	0.39776263	1.00E-04
0.09292159	1.00E-04	2.00743688	0.64138534	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.92404494	1.00E-04	1.00E-04
1.92224384	2.09696184	1.00E-04	1.00E-04	0.19191379	2.01846709
2.17135607	2.10704004	1.00E-04	1.00E-04	1.82376889	1.65579769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82200558	1.00E-04
1.00E-04	0.21289605	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
2.66281838	3.00068053	3.85579899	3.27579831	3.36402961	3.99951459
3.23726993	3.2352722	2.64078061	2.94777416	3.12227481	3.66474409
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22656686	1.00E-04	1.00E-04	1.8722064	0.76212303	1.00E-04
1.45552247	1.00E-04	1.00E-04	2.24556569	2.32764148	1.78287043
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63402236	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30913278
2.63535798	2.47893839	2.49158895	1.49674398	2.80235186	3.07426886
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57696471
3.20896407	2.52907211	2.08421616	1.78282133	3.25182167	3.07878857
1.00E-04	1.00E-04	1.00E-04	0.76160607	0.55242226	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62755295	1.00E-04	1.00E-04	1.00E-04	0.50711617	1.00E-04
3.0675254	3.23499108	1.00E-04	1.64393233	2.56777523	2.5163842
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62355783	0.57696471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54572308	1.00698287	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32427464	2.11230369	1.00E-04	1.72481812	1.32642508	1.27797268
0.5929689	1.00E-04	1.00E-04	0.79830865	1.00E-04	1.79533012
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62657266	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2457152
3.20508609	3.59043456	4.04986744	4.01402814	3.77921446	3.56164515
1.07456912	0.87940945	1.00E-04	1.00E-04	0.96933376	0.720173
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.79734239	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.74310137	1.00E-04	1.00E-04
2.77819308	2.68078899	3.46247878	3.09108994	3.24651918	3.58456758
0.43243323	1.00E-04	1.00E-04	1.00E-04	1.0739569	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.52992686	1.08240421	1.04889253
1.44815141	0.52360732	1.00E-04	1.28773376	0.35529747	1.32519084
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.33863567	0.61145469	1.00E-04	0.79457207	1.16133539	1.41177667
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41886992	2.37764034	1.95610501	2.99718126	2.75014303	2.43021995
2.61553316	2.81624078	2.10071842	2.49938752	2.93106481	2.84727051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27535101	2.16359053	1.28609943	1.17666081	1.81459085	2.52542084
1.00E-04	0.69835557	1.00E-04	0.25428292	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16448447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.33099482	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
7.24755012	7.45215596	6.20041511	5.31719453	6.83087326	6.58329607
4.44212113	4.41661513	5.38659521	5.26378112	4.96048177	5.1629897
3.58763137	3.64719363	2.68139585	3.20866835	4.17984167	4.02304222
1.64201465	1.49731344	1.00E-04	1.00E-04	1.14947305	0.91632913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
1.48390511	1.20680241	1.00E-04	1.00E-04	0.22988071	0.37329531
0.49219963	1.07733504	1.00E-04	1.00E-04	0.79734239	0.43066061
0.09415495	1.00E-04	1.00E-04	0.93779755	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93794388	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.47913818	5.38859132	5.41349739	5.53170007	5.77422871	5.64819514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.53687768	1.00E-04	1.00E-04	0.1324183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.71417168	0.80313159	1.34471824
1.56695833	1.4073544	1.00E-04	1.00E-04	1.24030561	1.33777752
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35063257	0.25940884
0.44112676	0.36607432	1.00E-04	1.00E-04	0.69019971	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07237971	3.0015465	3.23457216	3.5231825	3.95928315	3.98472781
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.00E-04	1.89064666	1.00E-04	0.16448447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82727624	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.66130263	0.21972812	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.09644707	1.12881767	1.00E-04	1.00E-04	0.35534378	1.00E-04
2.77453543	3.23259	3.36450849	2.53679857	2.62248133	2.26784823
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30638204	2.64907501	1.01811585	2.46352782	2.8383704	2.67257191
0.55703647	0.62690381	1.00E-04	0.89834432	1.13544129	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58788121	1.35550922	1.00E-04	1.01760387	1.56478778	0.69558809
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65643787	1.82488488	1.40283744	1.88070697	1.34455162	2.51171421
1.00E-04	0.92387651	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56456051	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21911936	1.00E-04
1.00E-04	0.60493976	1.00E-04	1.21333082	1.16212439	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67462911
1.20874957	1.06415077	1.00E-04	0.44302596	1.12095299	1.08003235
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55470932	1.4942173	1.00E-04	0.4783264	1.38504235	1.00065293
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67588616	0.9403019	1.00E-04	1.00E-04	0.97725146	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37325883	0.88779198	1.00E-04
1.26607845	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.41910176	5.38655451	5.2380487	5.82083879	5.67406872	5.35480359
1.00E-04	0.21289605	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13427639	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.89140745	3.44585669	2.17572513	3.36541206	3.17893089	2.78007886
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61749663	0.31227169
4.23716057	4.33207483	4.55628733	4.04467661	4.52062224	4.80217963
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13427639	1.18028615
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45304823
1.14664731	1.00E-04	1.11518827	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58441889	1.00E-04	0.24834324	1.00E-04	1.00E-04
0.75023767	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46104644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43750068	0.89160088	1.00E-04	0.4783264	1.12826578	0.14317243
1.00E-04	0.8304546	2.00743688	1.00E-04	1.64980992	1.00E-04
1.90908306	2.38253799	1.01811585	2.39162686	1.68178139	0.46307629
1.00E-04	1.00E-04	2.04025287	2.47450446	2.40131339	2.63336584
1.04444309	1.73834194	1.00E-04	0.24575289	0.8819064	1.03632312
0.77866989	1.00E-04	1.00E-04	1.00E-04	0.71418605	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27093267	0.57965788	2.37723222	1.00E-04	0.54857924	0.43066061
1.00E-04	0.79058761	1.00E-04	0.764425	1.00E-04	1.00E-04
1.600811	1.91491001	1.89833233	1.76436769	2.209921	1.6275235
1.90312086	1.9785196	1.30986649	1.47450063	1.00986279	1.09977711
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71055819	1.74460928	1.00E-04	2.0280631	2.09551911	2.60122621
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.70944022	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01209933	2.38902732	2.38790537	0.7683823	1.62845904	2.23764377
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
0.24405756	1.00E-04	1.30986649	0.80285227	0.80896008	0.41215016
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.76190046	0.7325283	1.06844428	1.13075039	1.00132899	0.99941791
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.52759195
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15557081	0.16535238	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.687294	1.00E-04
0.98701797	1.16801519	2.00743688	0.67707868	0.73473524	0.94809094
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87640911	3.13326031	2.77754081	2.64428044	3.03087555	2.9698989
3.22701546	2.8999499	3.8145869	3.44346643	3.46431095	3.27192851

1.00E-04	0.64993987	1.00E-04	1.00276283	0.75566129	2.03724826
1.88991949	2.06915479	1.85579326	1.00E-04	0.96637232	1.00E-04
3.12609625	2.83341544	1.94733951	3.90640838	3.61162988	3.18114031
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15671146
1.00E-04	1.00E-04	2.16483827	2.07708051	1.50273757	1.82241617
2.55010443	2.13945531	2.44101867	2.83456684	1.91007196	2.97281774
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.11518827	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.9030129	3.33223438	2.0171009	3.70965564	3.31293059	3.4768412
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.04787854	0.45875312
1.08650621	1.11152371	1.49210505	1.97505176	1.12480469	0.38032321
4.04967652	3.5241744	3.66222343	3.36611526	4.13070184	4.04706296
3.5898706	3.81057916	1.80090894	1.21197489	3.51230881	3.24073683
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.10596871	1.15623102	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10709535	2.45534704	2.43813895	2.93720666	2.56231268	2.55268631
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72375712	0.44777316	1.00E-04	1.58144085	0.80295674	1.26203692
2.02283857	2.35920128	1.38754516	1.94449454	2.19032339	1.97655028
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68614351	0.20628126
0.43243323	0.81771455	1.00E-04	0.39596165	0.78629286	1.06297627
1.94938045	1.7260519	1.00E-04	1.37183776	1.95965929	1.86058096
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.6314521	0.40419223
2.72273456	3.43629465	1.82818418	1.43399603	2.86795655	2.65654982
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.80535217	1.00E-04	1.00E-04	1.43353758	0.92136841
1.00E-04	1.00E-04	1.00E-04	0.32864749	1.00E-04	0.4683059
5.40033471	5.5855641	3.51312956	4.38384546	5.03098062	4.8808995
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57077505	1.00E-04	1.00E-04	1.00E-04	0.39919623	1.00E-04
2.77500414	2.14157787	1.00E-04	1.68918708	2.02918109	2.17690578
2.33204751	2.73034504	2.22139198	0.66641237	2.03472184	2.06622138
1.00E-04	1.00E-04	1.00E-04	1.15900597	1.12255159	0.87396044
1.34454808	2.14520486	1.00E-04	1.01572592	1.47761461	1.61906413
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.142516	1.00E-04	1.00E-04	0.89626998	1.10416806
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79341826	0.84410758	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32414734	1.3243356	1.00E-04	0.24575289	0.54504652	0.79526686
3.80412008	4.03910144	3.83872431	4.03877831	3.93565897	4.07176429
2.11454377	2.31149722	3.46101081	2.61770214	2.76741209	3.31485649
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46570086	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.49710997	0.45995863	1.00E-04
0.34600017	1.00E-04	2.24726389	1.00E-04	1.00E-04	0.47910281
1.00E-04	1.00E-04	1.00E-04	1.00970657	1.00E-04	1.00E-04
1.8755201	2.19255677	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.48262563	2.21630259	2.85000014	1.66398733	1.20905735	2.07855882
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35063257	0.21329315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80613697	2.0402434	1.28316224	1.12196053	1.58560567	1.37228248
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42274762	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2473181	1.56331263	1.00E-04	1.40418253	0.69860502	1.71962215
1.00E-04	1.00E-04	1.00E-04	0.61457452	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5929689	1.00E-04	1.00E-04	1.00E-04	1.23250769	1.00E-04
0.88603324	1.56826887	1.30789632	1.17078245	0.96371849	0.48063511
2.32990458	2.66913722	1.46133917	3.10976951	2.72117648	3.31828844
1.00E-04	0.69835557	1.00E-04	1.00E-04	0.13427639	1.00E-04
2.61918209	1.85288461	1.00E-04	3.17879205	1.6320357	2.10564843
1.00E-04	0.85532896	1.00E-04	1.00E-04	0.57885604	0.30974433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.81771455	1.00E-04	1.00E-04	0.25750812	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7494365	1.00E-04	1.54485745	1.02354947	1.32924064
0.16178697	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55896898	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1595578	1.48780876	1.00E-04	0.98287309	1.4410562	1.49631217
1.00E-04	1.00E-04	1.00E-04	0.57243387	0.33307364	0.86651014
1.39361266	1.45505795	2.88550861	2.25137563	2.51349714	2.55506545
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32089232	2.79120994	1.00E-04	2.72188326	2.46063904	2.43212727
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.32543165	1.00E-04	1.00E-04	0.37697046	1.04320179	1.19749839
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.01429235	3.88492845	1.00E-04	1.00E-04	1.00E-04	1.25334258

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.84078607	2.35038922	2.89516941	2.27822122	2.57676484	2.44660003
1.00E-04	1.00E-04	1.00E-04	0.99592577	0.35507721	0.76290925
1.71556844	3.0565045	2.45771702	2.52256495	2.45022452	2.44458919
0.61152103	0.5886824	1.00E-04	0.66130263	0.66192602	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30047008
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46112954
1.00E-04	1.22972338	1.00E-04	1.00E-04	1.00E-04	0.46104644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.22574532	4.47888732	4.59767444	3.94568962	4.10081399	4.17947618
1.00E-04	0.8978623	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.59065801	3.3728791	2.92926957	4.70948986	4.34403409	4.12774001
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.59656416	2.68233677	2.87154794	2.31286125	3.06759854	3.31922937
0.50870593	1.24197141	1.00E-04	0.63322325	2.22959339	1.39008716
1.00E-04	1.00E-04	1.00E-04	0.25428292	1.00E-04	1.00E-04
0.15907666	1.00E-04	1.00E-04	1.00E-04	1.28898064	1.04384928
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68630804	1.00E-04	0.56487062	0.11579337	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.80058103	0.9503915	0.38874354
1.00E-04	1.00E-04	1.00E-04	0.61001117	0.13235227	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.84397089	1.82160745	1.89508494
1.53596069	1.61747433	1.42763756	1.08525558	1.6262904	1.61521645
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.31694739	1.12791041	1.7081747	1.81666444	2.0509607	0.85120563
4.63303874	4.91494288	3.38962005	3.10985451	4.48881736	4.22618425
2.49226783	3.12402238	2.11627121	2.03060467	2.96431102	2.95771462
1.20140672	1.00E-04	1.00E-04	0.4783264	1.54388788	0.89248487
2.94508824	3.88492341	3.10889634	3.95110872	3.67620247	4.04346538
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	0.70400943
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25750812	1.00E-04
0.32608229	1.00E-04	1.06844428	0.74865211	0.29028813	0.28509766
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41069437	1.32181104	1.00E-04	1.74418612	0.74765522	1.49187415
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.1426057	0.82233428	2.37523392	0.94989249	2.96506113	2.43003763
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50538854	3.39020955	3.87267965	3.81300044	3.93333165	4.29338502
1.16090818	1.30639091	1.00E-04	0.5730619	0.96020006	1.33949977
1.91738614	2.71820629	2.89887092	3.26138051	3.1613049	3.31816075
1.54069086	0.7910494	1.49210505	1.00E-04	0.89211865	0.88881849
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46120108
1.94325531	2.24765221	1.75472403	2.58387376	1.49964107	2.16004903
0.16178697	0.78390163	1.00E-04	0.59024125	1.11191629	1.17225187
1.78864245	2.19279858	1.84089633	2.50390166	2.51446661	3.15466801
1.26896629	1.63269562	2.16485871	1.73171795	1.90105082	3.12338644
0.92384285	1.00E-04	1.00E-04	1.00E-04	1.29485147	0.15499183
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.68386031	0.83086789	2.93922526	1.18737071	0.69558204	0.67387996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.30764686	1.00E-04	1.00E-04
0.27093267	0.24251465	1.00E-04	0.90265252	0.52284511	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.03389175	0.44747489	1.00E-04	1.14027057	1.82882458	0.59718769
3.25760748	3.222325	1.68391787	2.00627113	2.44956397	1.7685512
0.59567253	1.56924471	1.00E-04	1.67310234	2.14046687	3.02866711
1.65247987	1.49786124	1.00E-04	1.00E-04	0.93947453	1.00E-04
2.42457024	2.9548289	1.00E-04	0.59680653	0.08158092	0.36890356
1.00E-04	1.00E-04	1.00E-04	0.79650495	0.42835832	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35248977	1.00E-04	1.00E-04	1.85467125	1.8404529	1.75370529
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.044708	0.80053623	1.00E-04	1.38783194	1.51814427	1.67668351
1.00E-04	0.37215976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.02822169	1.00E-04	1.53069643	1.38873354	0.21329315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.51716306	1.00E-04	1.00E-04	0.6521672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.84168944	1.00E-04	1.00E-04
0.62504333	0.57965788	1.00E-04	0.62209038	1.00E-04	0.51922329
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.7309494	2.59658577	1.00E-04	1.65398811	2.40378125	1.30596069
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24834324	1.00E-04	0.62242987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.20059412	0.74088902	3.81415796	2.93726631	3.25203826	3.70994609
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49228354	1.72265916	2.40182342	2.6597333	2.38529817	3.01735397

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
1.00E-04	1.00E-04	1.00E-04	0.77128589	1.00E-04	0.15671146
1.60484061	1.47087877	1.28316224	1.00E-04	1.89174683	1.26007749
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.66889195	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.24282261	2.59576012	1.06844428	0.60024425	2.17470582	0.58522359
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87824963	0.97345617	1.01811585	1.01823716	2.11486616	2.33842352
0.69330522	1.44828537	1.80090894	0.99621189	1.44374367	2.23120124
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93364835	0.69887243	1.00E-04	1.12932042	1.07117938	1.0209095
0.37284702	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.3344402	4.34420012	2.44227172	2.91948299	4.24227845	3.80544125
0.54975373	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.59855009
1.00E-04	0.49626678	1.00E-04	0.69241499	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.16688095	1.55585192	0.56065873
3.41922123	3.17204995	3.36758815	3.4329319	3.58413613	3.48606919
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36612447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78542658
1.00E-04	1.00E-04	3.76805602	1.00E-04	0.51809791	1.00E-04
0.78860226	1.00E-04	1.40283744	1.39232667	0.4595327	0.71626415
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.60365335	3.1711762	2.96869664	2.16413247	2.69708901	3.01477635
3.15574497	3.01708139	3.97973668	2.6482697	2.69802276	3.03353668
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00698287	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61811753	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.5280252	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60896187	1.34377683	1.52319676	2.36534098	1.76187546	2.13362268
0.47015998	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92570495	0.68630804	1.00E-04	0.15557081	2.17521559	1.13562412
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64152968
2.03424939	2.06669691	1.00E-04	1.23689094	1.82138788	2.20182976

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.0006398	1.00E-04	1.00E-04	1.96905782	2.71158296	2.51665516
2.52365893	1.34798605	1.00E-04	1.2958652	1.50093613	2.10138692
0.88795712	1.00E-04	1.00E-04	1.00E-04	0.9094337	1.00E-04
0.24405756	0.53687768	1.00E-04	1.21989058	1.00E-04	1.00E-04
1.20584686	1.00E-04	1.00E-04	0.67325668	0.71592889	1.00E-04
3.54486895	3.13314223	2.23381283	3.33045566	3.35095954	2.73771852
1.41630665	0.91698965	1.00E-04	0.87285966	1.31899715	1.63105536
1.54461684	0.56352431	1.00E-04	0.49872987	0.604444	0.3491887
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55562438	0.50028658	1.00E-04	1.79278833	1.15191128	1.17851494
2.8376528	2.84562978	2.52307057	2.02740843	2.56976739	2.5955402
2.93981862	3.00056508	1.75021175	2.31306759	2.37566657	2.19495525
1.00E-04	1.00E-04	1.00E-04	1.42822169	1.00E-04	0.30974433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33291326	2.43118329	1.84440302	2.82481463	1.95641974	1.71951859
1.00E-04	1.49313324	1.00E-04	1.54960516	1.00E-04	1.00E-04
4.03017732	4.20153758	2.51864522	2.53745855	3.59390019	3.40081599
2.3053373	2.21609465	3.17755102	2.99507069	2.41993408	2.97936023
4.16899293	4.31263446	3.61945987	3.81789901	4.15048346	4.31940008
0.1163586	0.30163127	1.00E-04	1.00E-04	0.12413672	1.00E-04
0.58054261	1.00E-04	1.00E-04	1.00E-04	0.1826159	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.37484237	1.00E-04	1.00E-04	1.44625043	1.30082368	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68583034	1.00E-04	1.00E-04	0.20741555	0.61402199
2.03998628	1.61002107	1.00E-04	1.00E-04	1.68479795	1.87991818
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.85879337	3.13679338	1.82342144	2.42028728	3.11858427	2.83173388
4.56245043	4.08310915	3.49108741	3.61030634	4.7466161	4.41721244
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91598364
0.67325245	0.66964856	1.00E-04	1.00E-04	0.50337509	1.00E-04
1.00E-04	0.55253127	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.00E-04	1.00E-04	0.56487062	0.36492203	0.27250157
2.27339715	2.40261478	1.00E-04	1.33533465	1.57032844	0.97656763
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.41939216	1.18006164	0.84802082
2.89048194	2.81633305	2.31156267	1.71181584	2.98339535	2.41050107

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99287682	0.7772442	1.42763756	1.30145231	1.65653451	2.66635864
1.00E-04	1.00E-04	1.74110187	0.46085181	0.32943408	1.00E-04
1.00E-04	1.00E-04	1.06844428	0.7683823	1.10185746	1.00E-04
0.91020423	2.22000511	1.00E-04	0.50430847	0.56777925	0.41953258
1.00E-04	1.17265353	1.00E-04	1.00E-04	1.00E-04	0.65313968
3.5632356	3.87483527	3.34171529	3.86305383	4.02792147	3.99706394
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.65068802	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.35470507	2.84184096	2.61559096	1.00E-04	2.23199686	2.64023888
1.15022744	0.97849	1.00E-04	2.37512726	1.19626546	0.43889535
2.9913759	3.65073277	1.00E-04	1.71620618	3.05541779	2.09707374
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.54951935	4.40863852	2.92103807	3.60575609	4.62141613	4.00942015
2.51220571	1.87900269	2.9932815	2.34699168	2.31709496	2.54284213
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.89400887	5.03155818	4.83042363	5.22812558	5.13632669	5.26032143
3.35795229	3.6466426	3.69777115	3.28989871	3.49432455	3.66900517
0.55880742	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30343188	1.80403522	2.25421302	2.79068841	2.20703309	2.79409223
1.13412923	0.63913365	1.00E-04	0.34813435	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.89450658	2.34366436	1.00E-04	2.64841707	2.42494572	2.48954181
0.5845187	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.89138438	1.00E-04	1.10962298	0.50499442	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21187659	1.75620594	2.06596253	2.91612855	1.80967033	2.90590882
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.70362889	1.60912688	3.29809731	3.29112591	3.3112905	2.89982459
4.78212185	4.81310941	3.22590154	4.04334636	4.47847938	4.3461099
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.59628076	1.00E-04
3.6881793	4.02108291	2.13970598	2.38350569	3.94765514	3.76446802
1.94489508	0.77422238	2.96186899	1.30846988	2.26576802	2.74592488
1.00E-04	1.00E-04	1.00E-04	0.78815465	1.00E-04	1.00E-04
1.74788918	1.29069331	1.06844428	0.39596165	1.39561024	1.63851723

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
2.01151099	2.5306613	2.77510558	3.27274852	2.82426712	3.3397143
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4038796	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24575289	0.57358482	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65299827	1.87665181	2.08869745	2.51050781	1.5122362	2.16915737
1.00E-04	0.82344747	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68678912	0.85117793	1.00E-04	0.93258514	1.33479021	0.48882888
3.30871836	3.34279633	4.14119667	3.74976192	3.17984585	3.57981592
1.83737031	1.95096212	1.38754516	1.70327633	1.82619698	2.05543999
0.44112676	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.99196741	0.55260237	0.67633377
3.62948064	3.58471511	3.23951022	3.21433956	3.41014217	3.19934238
1.00E-04	0.44747489	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88045323	2.34479335	1.06844428	1.00E-04	1.2669187	0.83854628
0.9666051	0.57077907	1.00E-04	1.00E-04	1.0739569	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.74257834	2.04450219	2.13219063	1.97784535	2.64274284	2.46190395
1.77995894	2.40833562	2.17607533	2.17934054	0.94782454	2.0936579
3.50797059	3.6266282	3.90689335	3.31805784	3.71624771	3.69605423
4.29237056	4.06732721	4.13827945	4.17094776	4.1142113	4.20614658
1.72594596	1.69681791	1.00E-04	1.01730319	1.43696413	1.93004637
0.52268451	1.00E-04	1.00E-04	1.00E-04	0.57716556	0.46112954
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24530121	1.2275794	1.9503961	1.00E-04	0.15137331	0.84582017
1.92837926	2.04934661	1.00E-04	1.13849604	1.34368695	1.68377381
1.91338162	1.79784852	1.00E-04	0.39596165	1.00E-04	1.02223871
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48497572	1.73209545
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.20628126
2.66697257	2.9647844	1.06844428	1.95877815	2.82654709	2.69564733
0.65593614	0.9410185	1.00E-04	1.00E-04	1.00E-04	0.43066061
5.39914854	5.35429099	4.56629282	4.70663975	5.0547819	5.42255893
1.70231116	2.6581249	2.0987188	2.31781279	2.42867816	2.79069962
2.98417152	2.53052363	2.11608743	2.21599944	2.48611776	2.50898654
1.69144713	2.55303113	3.55764216	2.49189152	2.52600242	1.68468367
0.96181132	1.64260265	1.00E-04	1.92809375	1.00E-04	1.39219455
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30523377	1.7658808	1.06844428	1.50281498	2.14065694	1.7874713
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.32029275	4.71176597	1.00E-04	0.89505259	1.40546579	0.72530856
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1826159	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37984237	2.09542299	1.81104972	1.66226312	1.54469245	2.01657937
1.00E-04	0.92995371	1.00E-04	1.00E-04	0.56508007	1.00E-04
4.87751338	4.76418316	3.73763302	3.81359837	4.58241227	4.63077457
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18226269	1.09764905	1.00E-04	0.49595628	0.55708232	1.37689372
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.51456908	1.57309282	1.00E-04	1.39014655	2.4934803	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65574892
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83160248	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.87057004
1.00E-04	0.65510607	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34223099	1.04057748	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.92349562	1.4006699	1.00E-04	2.18395215	1.07345664	0.51665983
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49981427	1.00E-04
0.69979688	1.00E-04	1.00E-04	0.65562728	0.39648321	0.73161995
1.00E-04	1.00E-04	1.00E-04	0.79306028	0.18229203	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.60203679
1.78506277	2.12110751	2.07978236	2.27523244	2.09051566	2.73974175
1.87333392	2.51401707	3.27277657	2.38155185	2.51089826	3.29630705
1.08018438	1.04894644	1.00E-04	1.00E-04	1.00E-04	0.94768045
1.00E-04	1.00E-04	1.00E-04	0.41871868	1.00E-04	0.53800788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88266543	1.3865622	1.00E-04	0.80306694	0.91231355	1.48439113
1.00E-04	0.78770757	1.00E-04	0.78077249	0.91165955	1.09424629
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.33136326	1.48794211	1.00E-04	1.20475745	1.18229862	1.62106363
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2878742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48794717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	0.73505635	1.40570701	0.89492868
1.00E-04	0.66190635	1.00E-04	1.00E-04	0.21911936	1.00E-04
1.00E-04	0.50028658	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.80981828	1.00E-04	0.24575289	1.2895467	1.0531331
3.41558489	3.68536868	1.00E-04	2.61075064	3.11542824	2.76114751
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97756082	1.56057347	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	2.04867105	1.00E-04	1.00E-04
0.66023508	1.00E-04	1.00E-04	0.15557081	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48444325	1.5272213	1.70608413	1.08666917	2.15712183	1.78801146
2.04066809	1.70576913	1.52319676	1.86980252	1.30694031	1.75456874
3.71716933	3.81277877	2.27113294	2.9047324	3.89822768	3.25843864
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.96684956	1.87438369	1.00E-04	1.34833745	1.39080452	2.56913712
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78860226	1.00E-04	1.00E-04	0.24575289	1.00E-04	1.00E-04
1.00E-04	1.60752795	2.3247254	0.71307202	1.99197978	1.81663744
2.40092329	3.06376333	3.44430767	2.14892834	2.32814882	2.93864661
0.47015998	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56131478
0.59342542	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.6735917	1.00E-04	1.89182988	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64152968
1.00E-04	1.00E-04	1.00E-04	1.054688	4.75570504	5.44089885
1.00E-04	0.43785363	4.75293269	4.85844136	6.56406553	6.62980079
1.00E-04	1.00E-04	1.00E-04	0.81465144	1.28167866	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53054394
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93543702	3.12168733	1.78801416	2.13579324	2.91115307	3.29770151
1.88823676	1.00E-04	1.00E-04	1.48847006	1.1034514	0.62499949
1.66613884	2.15894836	1.74110187	1.45229165	2.609229	1.89824313
1.13053314	1.00E-04	1.00E-04	0.73342256	1.94137189	1.50283549
1.41769687	0.59418646	1.00E-04	1.00E-04	0.56557605	0.37633997
2.88541896	2.33059528	1.7100959	2.3976501	2.24187212	2.22299583
1.08258274	1.32054939	1.40283744	0.4783264	1.20113544	1.53195248

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.37177609	1.36239536	1.00E-04	1.06528465	1.42399066	1.16300449
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10508055	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.02703883	2.69689174	2.23238104	2.79774577	3.59388948	3.26593629
1.35366607	0.70000477	2.206252	0.37771766	1.96061711	0.64294482
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49802229	1.64201341	1.00E-04	1.00E-04	0.57479248	1.17786999
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2884784	0.40441147
0.60252178	1.87114612	1.01811585	0.56399031	1.02050576	0.73458472
1.00E-04	0.71020935	1.00E-04	0.86704502	0.22206006	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.25757763	3.39121645	3.49173	3.48538414	3.61997557	3.82856688
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21108928	0.48913524	1.30789632	1.672305	1.61061501	1.95623251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22725774	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00501991	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45364258	1.00E-04
0.47015998	0.71162396	1.11518827	1.00E-04	1.00E-04	0.29591257
2.25547465	1.2010524	1.00E-04	1.47584378	2.24780451	1.69539401
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.38357064	3.40004188	3.56821554	3.32434692	3.15872337	3.52615942
4.98680725	4.6854939	4.80942793	5.15005493	4.95360747	4.95693034
2.81357539	2.85310116	4.00017173	4.09277814	4.26010875	4.08450654
2.09940458	1.49540643	3.81728233	4.00865968	3.74647155	3.61996565
3.62877578	3.53379754	4.18276443	4.60905616	4.47024798	4.48456999
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57700167	0.4375449	1.00E-04	0.40377401	0.92756958	1.73868551
1.00E-04	0.78978538	1.00E-04	1.00E-04	0.70133444	1.00E-04
1.00E-04	1.00E-04	2.09251707	0.78815465	0.8046341	1.0765793
1.14186944	1.20008582	2.37523392	1.85168359	2.85267245	2.55716149
1.1876287	1.6166653	1.30789632	1.15661753	1.25649822	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.71934804	3.51164683	5.04252194	5.13819907	4.99032051	5.29857218
2.59425572	2.47928704	1.00E-04	1.8694454	0.74532011	0.64649776
0.66407672	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.74114016	1.00E-04	1.00E-04	0.86266332	0.45703158	1.00E-04
3.73407274	4.0942005	2.2408987	1.69597288	1.33692711	0.87057004
2.48065354	2.90742456	1.30986649	0.98270973	2.51196858	2.42579067
1.33903757	2.27319593	6.0022392	6.14230907	5.89681135	5.98598046
3.44896328	3.45326499	4.18669571	3.67961637	3.90270704	3.95607223
2.25669715	2.09240188	2.54489679	1.23483186	1.81165094	2.23913056
4.24800805	4.300797	4.16832539	4.18352561	3.99306765	4.30319103
5.00683266	4.88648222	5.20905182	5.21447411	5.2041246	5.66103097
4.06732889	4.03377306	4.99599558	5.4321963	5.20257651	5.10217244
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.65654891	2.39908799	3.05471839	2.47446622	2.81225714	2.4839757
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81884938	1.00E-04
5.91994559	5.84089296	5.03592535	5.48623271	5.14716399	5.34925989
4.27629987	4.25296479	4.40015987	4.3501204	4.6520853	4.79155678
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85981543	1.00E-04	3.17585634	3.16160082	3.91719254	4.40528886
0.8799734	1.41718289	1.00E-04	1.00E-04	0.52932647	1.00E-04
6.44517623	6.29016109	5.88925711	6.52264031	6.21920352	6.03729634
5.08369537	5.00933813	5.02954264	5.1148662	4.89369949	4.98835122
0.93019585	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.15626816	5.07513328	5.33177521	5.38374546	5.46341047	5.46150404
3.23431295	2.96415908	1.9520273	3.0394256	3.14748109	2.99554053
0.47191285	0.74771768	1.00E-04	1.02770062	0.97556444	0.93393402
0.866487	1.00E-04	1.00E-04	1.22294737	1.00E-04	1.00E-04
1.95492242	1.75397322	1.00E-04	1.00E-04	0.9549474	1.00E-04
0.47015998	0.57965788	1.00E-04	1.00E-04	0.32114344	1.00E-04
0.09292159	0.7090563	1.00E-04	0.40377401	1.08764519	0.68010856
1.27209029	2.4102302	1.74110187	1.00E-04	1.45160837	1.96797829
0.24405756	1.00E-04	1.00E-04	1.00E-04	0.7104415	0.67630142
1.00E-04	0.93651725	2.81239203	3.11805693	1.40566254	0.80450845
3.18952584	3.53846373	3.04637192	2.97471062	2.77975685	3.27515959
4.27039374	4.22840636	3.85323775	2.45454511	3.01345199	3.1210086
3.7661815	3.44645205	3.34078342	3.63522662	3.4168031	3.86638403
1.80758007	0.58812963	1.00E-04	0.47606859	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.20501279	0.23239377	1.00E-04
4.90536276	5.24104918	7.47057043	7.3949055	7.13250978	7.2808432
4.44484341	4.42918589	4.83297883	5.25164496	5.07878635	5.2525087
4.21533881	3.37536685	3.4808694	3.86841746	4.45733642	4.30019753
3.21564771	3.52405765	2.40960716	2.57158665	3.36710164	2.89030186
3.3610293	3.76882839	3.85174119	3.27307783	3.9153823	3.58432794
2.94652867	3.23460267	3.45068391	1.79438441	2.1103262	2.64479128
1.76925341	2.19575299	1.9503961	0.56657147	0.95710354	1.47150319

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88285198	0.68390115
2.89319637	2.57213451	1.00E-04	1.65089429	2.08200879	1.59923053
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11579337	1.00E-04
1.00E-04	1.0067139	4.61622972	4.4051944	3.78546927	3.81393835
1.78315314	2.05190928	1.00E-04	2.34944734	3.35931893	2.99069702
1.00E-04	0.46921448	1.00E-04	0.81128343	1.38079372	1.64025803
1.85488501	2.54128411	1.27996271	2.38039141	2.17585927	2.22145881
4.05374745	3.94277972	3.72049219	3.6184249	4.21668362	3.90083844
4.90146858	5.01231196	4.64174002	5.07483002	4.75841791	4.75250391
2.01019099	1.86362277	1.00E-04	1.26273791	2.00882514	2.12760651
3.66257944	3.39281699	3.20254527	2.27780157	1.81483873	1.99239377
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.68991737	1.00E-04	1.00E-04	0.84033023	1.00E-04
1.42003222	1.75864534	1.00E-04	0.91883416	1.70607982	1.66440662
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.99059563	1.00E-04	0.41871868	0.19191379	0.5579205
0.09292159	1.16571014	2.18295249	1.71014789	0.94841313	1.13509415
1.40461991	1.00E-04	1.00E-04	0.55976379	0.98216716	0.35419377
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35063257	0.66590273
1.71511513	1.60561233	1.00E-04	1.4640274	1.39604829	2.32758938
0.62872675	1.00E-04	1.00E-04	0.71219483	1.01389405	0.96760588
1.00E-04	0.94266879	2.24726389	0.25428292	0.87376006	0.66135977
2.21785165	1.99740915	1.78117254	2.36654372	3.49308912	3.23087566
1.00E-04	1.00E-04	1.00E-04	0.92639647	1.00E-04	1.00E-04
0.30060549	1.83471733	1.00E-04	2.34735162	2.64429708	2.76908172
3.33530756	3.30115746	3.67035469	3.2229311	3.29601111	3.77825372
0.97982795	1.69095972	2.99588347	2.34185294	2.05015667	1.39352771
1.00E-04	0.75551806	1.00E-04	1.00E-04	0.63505817	1.28610759
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.16121763	0.53808939	0.90824156
0.89950289	1.05299118	1.00E-04	0.99174771	0.4595327	1.33549062
0.72816015	0.85324848	1.40283744	2.1438384	2.20754013	1.13468242
3.71389767	3.73326792	3.24506754	3.83535395	3.72577107	4.03446145
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58526936	0.13038568
2.89156122	1.97520487	2.60121796	2.3860189	2.13996221	1.49034768
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.9503961	1.00E-04	0.83160248	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.63537606	3.3013783	3.28079892	3.9717073	3.68930337	3.72056961
3.34008174	3.37153954	4.16481399	3.82796392	3.59211193	3.40443123
2.20156505	2.44896092	3.45310884	2.39856925	2.06812862	2.2337036
1.92313242	1.46953325	1.00E-04	2.67525445	0.21911936	0.26839031

1.79143748	2.36921142	1.00E-04	1.931504	2.18610184	2.2018382
1.27847784	0.8711176	1.00E-04	1.04831607	0.60278493	0.55036061
2.87782213	2.72277385	1.00E-04	2.68197985	2.43528961	2.8974384
2.89472297	1.42691701	1.00E-04	2.5307638	2.21202739	1.64393262
1.11678789	0.69674853	1.00E-04	1.75857558	1.26320589	1.47568196
0.69330522	0.89790507	1.00E-04	1.00E-04	1.92749751	0.60388987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.81663852	2.14765472	2.53612646	1.07922935	0.90268393	2.01293793
1.76023067	2.55007197	1.30986649	1.37152758	2.41694383	2.12153077
2.96066611	3.87635665	2.86378165	3.33593788	3.38910568	3.80121313
3.19878902	2.88009928	2.96269157	2.01118935	3.22183269	2.89520737
1.59082726	1.07702376	1.00E-04	2.12883142	0.80382432	1.23906208
1.2621473	1.1129173	1.83013888	1.04234404	1.92432605	2.64048332
0.96077805	2.05351068	2.32722852	2.39324682	2.72896549	2.08798975
1.00E-04	0.5011611	1.46133917	0.65544368	1.19194207	1.91102051
1.30741481	0.44777316	1.00E-04	0.45991406	1.0092179	1.24833944
1.65387272	1.21798509	2.79850803	2.57132648	2.49874902	1.52949905
1.69950988	1.80336387	3.36743119	1.57858693	2.21582768	2.66914033
1.00E-04	0.94523826	1.00E-04	1.11088673	1.26990805	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.97176731	1.00E-04	0.46104644
0.60327704	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73425373	1.00E-04	1.00E-04	1.00E-04	0.69046015	0.66795879
0.69979688	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8517957	1.16526529	2.11078021	2.11129852	1.9230836	2.38384809
1.25018563	1.57166304	3.89003012	3.25894526	3.72134725	4.44921511
2.71017463	2.53399889	2.75333562	1.97641692	2.58871845	2.30834404
3.33659413	2.23367226	1.9503961	3.30123165	2.85362508	2.51139682
5.97090615	5.7636872	5.24179757	5.07861305	4.9996762	4.87474993
4.68334942	4.52806169	5.19597231	5.38421947	5.23834689	5.35928598
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83495179	1.00E-04
1.00E-04	0.61715521	1.00E-04	0.24834324	0.39775377	1.00E-04
2.33409926	1.95554315	2.32031219	2.47904657	2.85472303	3.09715222
0.97946624	1.28373876	2.3363295	2.04633347	0.94942514	1.0519172
5.96258013	5.89277577	5.99751992	5.94095287	5.95127624	5.96283021
4.93223093	4.78403154	4.64388093	5.35337094	5.05552909	5.18495721
1.08786096	2.09044124	1.00E-04	2.16953082	1.37222696	0.75315821
2.52731649	2.60375159	1.00E-04	2.78871245	3.04689278	2.19682187
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.84056649	2.30182247	4.28866006	4.17396424	4.35041506	4.72765852
1.96842298	2.16566097	1.00E-04	2.30434786	2.33859689	2.40157061
0.64435322	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18681398	1.13693918	3.49521971	3.24517098	3.73975844	4.04436451

2.63913871	2.36302707	1.85579326	2.15845586	1.58639917	1.78695092
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35534378	0.88555388
1.6446384	1.00E-04	1.30789632	0.56399031	1.01975215	0.93127485
0.74283152	0.52360732	2.7988889	0.37325883	1.31671933	0.71558313
3.15565912	3.43681972	3.88914397	3.45294007	4.06911859	3.84733479
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06188767	2.03250516	1.28609943	1.13190573	1.19106655	1.923804
2.36435759	2.05963922	2.91331062	2.15614895	2.64601632	2.42773256
0.80659443	1.14927284	3.0785211	1.00E-04	0.70230888	0.30201496
3.34358139	3.11710129	3.90676241	3.33365238	3.06431548	3.22248102
3.44847153	3.55654027	2.53719025	2.76027867	3.32554685	3.01078401
3.74633189	3.80745331	1.89833233	2.98368176	3.7922444	3.79927915
1.68348269	2.21918367	2.11765884	2.00234989	2.30934791	2.77929435
3.48281115	3.60329551	3.13068613	3.03739613	3.91545472	3.58117178
5.18852268	5.47191784	4.17611214	4.56180848	4.85596035	4.91079552
2.27845549	2.78852253	1.11518827	2.22087069	2.71026938	3.05782007
3.7892154	3.86953332	2.970906	3.38008887	3.92453712	4.1625834
3.85360365	3.7726801	3.19741322	3.03000646	3.95524226	3.42997736
4.52572676	4.83353276	3.47976422	3.33635493	4.50497974	4.39579628
3.50451419	3.31409167	3.11201065	2.29128965	3.55512654	3.5620327
4.38059079	4.30724082	2.8459491	2.82870707	3.93913794	3.7350393
4.10850195	4.52369807	3.32733571	3.25808231	4.08481929	4.07137231
3.37638716	3.55308752	2.7546457	2.87675497	3.80145977	3.92396731
1.64028091	1.44024492	1.00E-04	2.34922452	1.28897713	1.6098173
1.00E-04	1.00E-04	1.00E-04	0.6902533	0.58785099	0.37073618
4.2864995	4.50734568	2.26969129	1.64902014	2.43399529	2.26456464
2.86768631	2.25422002	1.06844428	2.03673503	2.38866609	2.64131448
3.26517113	2.80966224	3.30394048	2.98837453	3.16698422	3.82064395
4.69942782	4.54866613	3.35678309	3.07828041	4.01251279	3.79509977
2.38047406	2.29896478	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.64591736	4.51282892	3.80681911	4.33511236	5.00263258	5.1662704
5.91429294	6.32769232	2.67126623	1.00E-04	2.32673259	2.6203163
2.87450433	1.96422263	1.00E-04	1.8436969	3.02522496	2.38008785
1.00E-04	0.94667514	1.00E-04	0.72937106	1.00E-04	1.00E-04
3.19113263	3.1188116	1.00E-04	1.00E-04	1.65856974	1.78990641
1.2496924	1.22300415	2.16483827	1.00E-04	0.59245085	1.00E-04
2.32023158	2.16997889	3.13610252	2.2550214	2.98852197	3.25149279
2.5446542	2.09175713	2.30123255	2.73767877	2.77870188	3.01126723
1.44643543	1.03330503	1.00E-04	0.78543366	2.09924507	1.29779981
1.80365758	2.41816836	6.56724666	6.04168539	6.97711908	7.34519818

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57176089	1.00E-04	1.00E-04	0.79772941	1.71545367
4.31770396	4.15879419	4.29585968	4.41627299	4.08667333	4.31508817
3.24790256	3.28251375	2.93465881	2.64812778	3.0969784	3.25154634
3.68427743	4.00067358	3.10263079	3.75896011	3.68239035	3.89308257
4.12140645	4.13369703	4.44213812	4.39298639	3.99119656	4.07430619
4.84036698	5.00787842	4.92430595	4.65658983	4.66702157	5.1638135
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.3885863	1.00E-04
0.90295192	1.5111108	1.00E-04	1.43985475	2.04776112	1.74136937
2.63525751	3.02862736	3.22722282	4.22328701	4.22808652	3.17498694
1.43388057	1.00E-04	1.00E-04	1.00E-04	0.80295674	0.92837213
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.65562728	1.00E-04	0.15671146
1.50967644	2.06698341	2.96493083	3.40404814	4.12610404	3.95939792
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.68315903	1.7845196	1.00E-04	1.78271369	1.08720067	2.0127617
4.94193806	4.89573155	2.81494916	4.25498259	4.12912913	3.92196922
1.00E-04	1.00E-04	1.00E-04	1.1233493	1.11197394	0.84453881
1.14655243	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90726669
1.00E-04	1.00E-04	1.00E-04	1.21413881	0.5912299	0.67509642
1.00E-04	1.00E-04	1.00E-04	0.63389895	1.00E-04	0.53800788
3.21156171	3.21128228	2.37523392	3.20858132	3.43305381	3.46783673
3.21075825	1.9881085	1.00E-04	3.00923815	2.94276455	3.01583522
4.04592954	4.17636958	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61383748	2.2700242	2.66497108	3.00842048	2.35501736	2.77348075
3.69050199	3.70333223	2.80326083	2.22467302	3.31222692	3.53357139
1.00E-04	0.62394601	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86532772	1.00E-04
3.13124464	3.01904941	3.75547334	3.10225567	4.39410313	4.62989218
5.12238993	5.09521959	6.08093612	6.23417105	6.52957799	6.42163973
1.11609167	0.98507934	1.00E-04	0.9948169	0.16793254	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83244705	1.00E-04	1.00E-04	1.00E-04	0.24021141	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.42763756	1.00E-04	0.83189259	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.58468642	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.9569777	4.06752339	3.89531181	3.79870351	4.02008436	4.06031823
2.83746031	2.88800628	2.25176765	2.47295883	2.97812032	2.71125925
3.89916298	3.46247497	3.32189236	2.96596585	3.6482013	4.19750374

2.58831156	3.05295199	2.40341798	2.50875202	3.22670685	3.22363496
1.42735855	1.47567511	2.52228149	0.86059379	0.46457707	0.82525074
3.3618283	3.85757949	3.6665377	2.96107111	3.53989708	3.98913519
2.76096827	2.7801468	2.80640772	1.5218112	2.37499229	2.35242161
2.01236158	1.86837359	3.19375415	1.72768162	1.97909492	1.77264203
1.00E-04	1.44753819	1.00E-04	1.2967375	1.1736768	0.89598762
2.77075277	2.61981677	1.00E-04	1.6243313	1.19076888	0.86817114
3.13377255	3.31413705	1.83054554	2.21865531	2.43413382	3.11772515
0.79623801	0.57217101	1.00E-04	1.25212344	1.62993931	2.03069217
4.65507999	4.92065514	6.33851858	6.56908393	6.19220936	6.13881446
1.00E-04	1.00E-04	1.00E-04	0.71564072	1.00E-04	0.95074859
4.62875603	3.88526665	3.73976704	3.74202007	4.38876637	3.58310752
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14313024	0.63913365	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.33783737	3.75274208	4.33126122	3.01941768	3.76305853	2.93220427
2.31533527	2.60434067	1.27996271	1.95295755	2.48034537	2.22757123
2.70057629	2.85999239	3.179975	2.77214496	2.79215839	3.10453982
1.00E-04	0.96107063	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.4365896	0.97700182	2.43969177	0.24575289	0.13235227	1.39649247
1.15083678	1.42668061	1.00E-04	1.37468266	1.80241261	1.39745666
1.00E-04	0.74331533	1.00E-04	0.5730619	1.53572697	1.24005061
4.3414337	4.36659996	4.23066991	4.27502802	4.77572385	4.81608887
1.00E-04	1.80160097	1.00E-04	0.86512367	0.21115826	1.2117567
1.00E-04	1.00E-04	1.00E-04	0.90192875	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.9503961	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.30764686	1.2984511	1.46362223
1.00E-04	0.9989809	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10784067	2.05842731	1.00E-04	0.97219021	0.10440683	1.00E-04
5.91893861	5.99777848	5.99988255	6.02935949	5.78662684	5.76697483
3.97181545	4.33910111	5.14510829	5.15478734	5.3818483	5.57165828
1.2234146	2.13487399	1.30789632	2.58715604	2.21639291	2.35968094
2.1904464	2.97228511	1.46133917	3.06030871	1.79197624	2.57730766
3.64458946	3.64729651	4.62030437	4.12943117	4.14557196	4.23909723
1.2464305	1.00E-04	1.00E-04	1.00E-04	0.29028813	0.16236604
2.67302716	2.47306261	2.17599253	1.18921301	2.08122695	2.06410104
2.63345993	1.79373096	1.00E-04	1.54151764	2.40075872	1.96300186
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.43883041	4.40947459	4.62644917	4.25230703	4.56051177	4.60214604
3.40719765	3.62635799	3.66212808	2.98204748	2.71279991	3.57532664
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.76867614	3.3903395	1.00E-04	2.34509017	2.66173342	2.93813954
3.74703329	4.18280366	2.01854624	3.35574171	3.75530383	3.98605282
0.97826456	1.00E-04	1.38754516	1.7081157	0.8998139	1.00E-04

2.96192696	2.59514767	1.00E-04	3.08098977	3.15519042	3.03336987
2.63500565	2.00610228	2.56037537	3.62006626	3.64421142	3.10137762
3.48817434	3.62861267	2.95795766	3.58933552	3.90173311	3.73853512
1.61261602	1.54142398	2.01110906	1.00E-04	0.71495812	1.01991337
1.04179219	1.73985985	1.11518827	2.49188162	2.92256882	3.28924986
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.36594558	4.35368974	3.12733829	3.12992895	3.42717052	3.53941432
2.73999334	3.15463098	3.49008537	2.44753883	3.49475994	3.31859128
0.58345775	0.38408963	1.00E-04	0.46633175	0.13427639	1.15061788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.29762176	2.58988867	2.02152458	0.90275828	1.61518294	0.99682569
1.94131164	2.70871289	1.78801416	1.58379711	2.117665	2.050596
1.52083291	1.4325121	1.00E-04	1.08095569	1.06151979	1.00E-04
1.00E-04	0.66491371	3.35823158	1.73211141	2.4691813	1.38572163
3.75097548	3.72431301	5.35386777	5.4393381	4.65163813	4.94043691
1.00E-04	1.00E-04	1.00E-04	1.14855722	0.85074349	0.50163366
4.05483488	4.35232673	3.07582493	3.76060064	4.10274214	3.65959959
3.17047302	3.17162274	2.37984885	1.88396644	2.87787825	2.22199835
3.90914299	4.07548825	4.32459806	3.77249236	4.26227633	4.10266697
2.04616918	2.69296012	2.71542233	2.39777591	2.73646055	2.67183905
0.97089835	1.40226237	1.00E-04	1.65676219	1.2908393	1.33225132
0.8682204	1.00E-04	3.54820413	2.84345834	3.03572817	2.84213762
2.71582503	2.74381276	2.11345857	1.81392038	2.08166619	2.07256018
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69330522	1.44776812	1.00E-04	1.00E-04	0.76119895	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.49219963	1.88503289	1.28609943	2.00172176	3.5672408	3.40779665
3.40340903	3.49866771	2.37984885	2.8560272	3.32339192	2.61010303
4.41747292	4.37283004	5.60478373	5.13619479	5.10468666	5.48839524
2.59837935	3.24451191	1.7257134	1.13863869	1.20384283	1.64205293
1.8466672	0.94658676	1.49210505	1.00E-04	1.14827599	2.1483149
3.43080276	3.60390432	3.26250597	3.15408962	3.34457446	3.82528304
6.38861593	6.31461964	4.83182779	5.24464701	4.65124813	4.74842337
5.06443866	5.49586859	6.62306854	6.78895418	6.56679858	6.45556497
2.77695891	2.60935116	4.51399052	3.47979001	3.61967956	3.61225477
0.77866989	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.98462763	6.3325671	5.09054603	5.49240878	5.93724178	6.17420318
5.11643572	5.45493822	4.50956062	5.01243156	5.15908066	5.19734885
5.97323248	6.02898601	4.82903721	5.52866767	5.78597468	5.33831089
3.58190567	3.28456619	1.01811585	2.35072906	4.01590409	3.32551351
2.92892082	1.76939213	1.00E-04	1.65310477	3.01588966	2.46987485
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.97971984	0.37248205
1.81327673	2.13005292	1.00E-04	0.6902533	1.00E-04	1.00E-04

3.41737361	2.99481778	1.40283744	1.62108059	4.06861773	3.89214732
3.67899725	2.95091412	1.00E-04	1.34119913	4.04183809	4.04005983
3.84526732	3.14066456	2.7280731	2.36796385	4.24302656	4.04139659
4.01297765	3.40115795	1.00E-04	2.90801163	4.50509982	3.9839688
6.16299557	5.47247315	4.10578764	4.92563323	6.57463654	6.20143277
5.43330141	4.83543255	4.32915232	4.29798946	5.86743574	5.38255677
4.4046524	3.74772	3.71629798	2.98181593	4.90540764	4.65440849
4.38200207	4.38045534	3.27710498	4.54016106	4.55262014	4.46576046
1.28699502	1.38866767	1.00E-04	0.98453161	1.53708305	0.59524913
6.08138586	5.94668772	5.68937016	5.1934874	5.31394303	5.10055223
5.18392566	4.95112572	4.86906997	4.93181225	4.80419984	5.0658583
3.39864539	3.56469324	3.57787092	2.98681086	3.2512363	3.45800404
3.56770523	3.66902693	4.39806402	4.76498505	4.75985272	4.70140031
5.37160231	5.31331573	4.58231169	4.97296293	4.68030368	4.55636207
1.59950021	2.14681847	1.06844428	2.06138703	2.0327083	2.16629826
3.63291545	3.03780083	4.44005958	4.09901502	4.96233374	4.90425311
2.89684475	2.74218423	1.60160529	2.60574114	3.01625482	2.54689886
3.27337377	3.20780984	4.1407311	3.29898517	3.74825178	4.0180858
3.60200787	3.64072682	5.58774497	5.69483282	5.52829841	5.68787963
2.33181845	2.13813436	2.77658133	1.15803058	2.70678701	2.51417102
2.97404873	3.28784938	2.0050073	1.95354733	2.72396026	3.24168248
1.80342592	0.77873542	1.00E-04	1.00E-04	0.23269493	1.70788165
3.82473346	4.00864763	3.01702341	2.8081392	3.87496358	3.72006468
1.00E-04	0.87388157	1.49210505	0.77721523	1.58817889	1.54495649
1.00E-04	0.94253889	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86735573	1.42389629	1.00E-04	1.73532683	1.58196007	1.61401142
1.00E-04	0.99240181	1.00E-04	2.72761652	3.37067837	2.32907256
1.51541485	1.08739315	1.81104972	0.93022784	1.43733282	1.00E-04
1.37875825	0.78691146	1.27996271	1.3005869	1.30036016	1.29268447
1.18940893	1.62491173	2.81239203	1.48726928	0.81892998	0.38874354
0.77562963	1.2099127	1.00E-04	1.00E-04	0.12413672	1.00E-04
2.06789012	1.33399691	3.3809043	1.54495945	3.08393306	2.96057389
3.58813863	3.57373869	2.75675417	3.11606103	3.59436897	2.92783293
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32052658	2.4264553	2.26321146	2.45999664	3.05661846	2.59268867
2.57631172	2.5753427	2.39042884	2.18363135	2.49467304	2.16563085
4.54851067	4.44910451	4.64725273	4.4784637	4.30682075	4.22086448
5.31744372	5.44720201	4.77437704	4.22374961	5.23414355	5.21926216
2.64145873	2.43382054	1.74110187	3.16395088	3.00686949	3.427581
4.94739128	4.96567861	4.22014126	4.95916137	4.57608127	4.64943245
4.64826129	4.68331665	5.44366034	5.01572819	5.20285703	5.07905571
5.04880368	4.78174034	1.82713664	2.52341213	2.81841342	3.07981696
3.18190862	2.80017988	1.52319676	2.47349903	3.13128028	3.28922037

5.23202301	5.37991356	5.12888317	5.11841926	5.09150862	5.4433623
1.94552008	2.18882173	2.61495749	2.62883441	2.5920136	2.71735528
2.75755149	2.8749043	2.90106132	2.96343547	3.37831899	3.73975179
2.22599984	2.09541116	1.30986649	1.82718131	1.86497147	2.0719598
2.94740582	2.87589252	4.57089939	4.23705805	4.70770982	4.84813968
3.70734607	3.4583016	4.43634957	4.08897198	4.10172774	4.29943816
0.9883679	1.18727395	1.00E-04	1.1233493	1.00E-04	1.09323555
2.23062542	2.63040144	1.00E-04	1.75778563	2.50199081	2.25762397
5.40076984	5.37298584	6.1534925	6.3424267	6.11584524	6.14974131
2.3959059	2.88505908	1.77763584	2.66956186	3.1127902	2.7779151
2.33217451	2.6190343	1.00E-04	1.56691749	1.01383702	1.00E-04
4.22964031	4.28944074	4.23491673	4.15054519	4.3400005	4.67405298
4.63037439	4.43110935	4.61951271	4.73150318	4.05277615	4.47195802
5.18156954	5.27940269	4.72881507	4.86316104	4.63353522	4.40090313
2.0132568	2.28639346	1.00E-04	1.00E-04	0.43319748	0.28034535
3.51182042	3.80970364	4.04764418	3.26767871	3.26021819	3.72326176
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.0327145	5.27087862	3.7632778	3.21121162	4.42856732	4.35947368
2.43266226	2.68720687	2.23664294	2.44975994	1.86924747	1.61658268
5.41978644	5.3502482	5.50079147	5.41914539	5.66991446	5.40522473
3.41222511	3.43542727	3.66345376	2.85810848	3.38041472	3.70015201
1.4119572	1.80869897	1.38754516	1.85799553	1.21018622	1.7302868
3.45881102	3.92468081	4.61718901	4.08982443	3.94058006	3.96436674
5.55994603	5.55564431	6.41463982	6.08722771	5.79066388	5.89482031
4.52861545	4.3023681	4.67490329	4.65517248	4.71430552	4.83155856
1.05999833	1.65287028	1.00E-04	1.00E-04	0.27564669	1.00E-04
1.16413836	1.00E-04	1.00E-04	0.45991406	0.62685592	0.13067397
1.86583763	2.611221	1.00E-04	0.25428292	0.88564266	0.81096959
3.32680711	3.35032366	3.24717504	2.75317561	3.40107832	3.84464232
1.62280865	1.36332148	1.00E-04	2.89714046	1.00E-04	1.7506571
3.15000157	2.79641446	2.73509342	2.84383164	3.47934352	3.50887739
3.23226151	3.09825347	1.96479434	1.49859962	2.16135499	1.95982008
5.44836654	5.63016493	6.38903191	6.62364928	6.45793978	6.19192348
0.62708415	1.00E-04	1.00E-04	0.91883416	0.61749663	0.63250491
0.69755382	1.26082648	1.30789632	1.00E-04	0.41954009	0.93758195
1.99469061	1.23081771	1.00E-04	1.24707498	1.58036826	1.59282349
0.09292159	1.04562925	1.00E-04	1.46331504	1.1139935	1.48143009
4.77971861	4.70426092	5.18940031	5.18673606	5.19592661	5.2674406
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57885604	0.53120866
3.86582256	3.93172533	3.78869154	3.54190263	3.82297353	3.79712818
2.46829685	2.74083454	1.7257134	1.92222929	2.91387421	2.65624473
1.00E-04	0.32854769	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.94907772	3.26573326	4.62015084	4.79898028	4.72808678	4.19551237

0.96263391	0.55253127	1.6068095	1.1245101	0.49569328	1.14923738
5.02420294	4.78561532	4.86320575	4.7631903	4.84878716	4.72112735
0.48060402	1.13318277	1.00E-04	1.655596	1.69008302	1.32882228
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.18598455	3.99455833	3.92731921	4.69065812	4.737035	4.71744019
2.814862	3.75956023	3.55954291	3.74726723	3.66851384	3.59504483
4.91496774	4.90778789	4.93961606	5.21984697	5.15861439	4.94185695
4.37264721	4.24994592	4.57147477	5.04334354	4.741799	4.66530123
3.74755889	4.11137063	4.01826354	3.7895552	3.84612562	4.21164118
2.89208809	3.2645231	3.5241261	2.71778351	2.91302191	2.79523918
3.85954413	3.67114951	3.79762498	4.14912901	3.71394536	3.63976423
4.2576317	4.1771136	4.73356613	5.0156428	4.90617037	4.64771036
5.19728306	5.34233937	4.20945029	4.3541199	4.61372099	4.60607323
2.35208423	1.95146157	3.33029507	4.1191768	3.49531021	4.08207422
2.33838172	2.58028564	1.00E-04	2.06733862	1.40259755	2.21058363
0.09292159	0.92075871	2.18505109	1.00E-04	0.95958382	1.60498906
1.52202405	1.45946471	2.44739879	2.38209344	2.4348408	2.08633942
2.76847023	2.77756936	6.1891579	6.35212997	6.08375458	6.25203515
1.00E-04	1.22860111	1.00E-04	0.6391028	1.00E-04	1.2901333
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21911936	1.00E-04
3.056602	3.20995752	2.63990517	3.11900564	3.77220131	3.66599122
3.73064155	3.64302923	5.00150679	4.90214701	5.03716354	4.96323909
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.56840285	3.83422057	2.99675758	3.47281686	3.27979454	3.41110725
5.31227669	5.31548844	5.16726122	5.32591093	5.31085019	5.27117679
4.90889456	4.89254936	4.99967644	5.26824425	5.05883062	5.14347604
4.57478968	4.58121286	4.50831245	4.70021773	4.47068159	4.62942233
2.11559301	2.43736424	2.08421616	1.26770746	1.86179231	1.48605922
2.78213331	2.48233797	3.83656251	3.44644337	3.47154709	3.75864343
2.18603954	2.60150029	1.67979948	2.73605153	2.67029172	2.83795899
4.25868478	3.87787757	2.37523392	4.01827702	4.86615967	4.47636527
3.81621575	3.80448474	3.75441136	3.82238598	3.29741424	3.76198782
1.00E-04	1.00E-04	1.00E-04	1.37997348	0.1324183	1.00E-04
4.74191435	4.78944333	4.82604443	4.48054774	4.53121549	4.65893039
5.28847377	5.21273191	5.49263153	5.43212491	5.5085677	5.59826621
3.43046734	3.46240603	3.00677785	3.72677866	3.81791368	3.50075343
4.02668417	4.07469233	3.28612367	3.64179099	3.64994265	3.84065459
1.66891244	1.89351691	1.00E-04	0.15557081	1.40709289	1.23696729
0.74657239	0.7711922	2.58608756	2.08874892	2.62256215	2.18361035
0.69167046	1.00E-04	1.00E-04	0.56399031	0.37624996	1.00E-04
0.97109706	1.56584173	1.52319676	1.35209321	1.05524438	1.28718461
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62918788

1.41069346	1.59197331	1.30789632	1.00E-04	1.5969079	1.62590928
0.56100223	1.14927284	1.00E-04	0.73580749	0.41505766	1.5097795
4.50438877	4.02377859	5.16535233	5.16289487	5.13069567	4.84089566
3.14141063	3.71828146	2.05821718	2.60449052	2.74003488	3.24843324
4.00136885	3.93266289	5.82072623	6.48261829	6.02886874	6.35895996
2.04446743	1.68987414	2.22899124	1.92012814	1.93468481	1.43420911
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.40128979	3.35537698	4.15679066	4.15797662	4.46517614	4.56471125
3.40778559	3.36450731	1.11518827	2.85942276	2.72046551	2.61114806
4.44615494	4.25298678	2.87751136	1.00E-04	0.3851	1.87959826
1.09363979	1.00E-04	1.9503961	1.25884513	1.16656716	1.00E-04
2.3324831	2.47164715	1.00E-04	1.86225995	2.16009054	2.48016995
1.00E-04	1.00E-04	1.00E-04	1.0768655	1.00E-04	0.91632913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.76467337	5.5685768	5.47296956	5.7592289	5.44318832	5.34980416
3.53904358	3.70127823	3.58810773	3.52065643	3.85701049	3.86994043
3.46103161	3.88890694	3.44745328	3.29246036	3.50859282	3.48862154
4.34667642	4.54952716	3.6689772	3.95856977	4.1122492	4.12780603
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1.00E-04	0.64993987	1.00E-04	1.00E-04	0.16276316	1.00E-04
2.27596182	1.92036582	1.00E-04	2.54956404	2.79940732	2.39067852
3.51858464	3.41547053	3.19302014	3.30175498	3.22004914	3.48408827
4.79793896	4.92830662	4.96771582	4.53174258	4.65243314	4.71877143
2.87632562	2.07894028	1.00E-04	2.79942553	3.18572136	2.37836162
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30500232
3.02576611	3.23647493	3.58641437	2.84281327	2.79679062	3.05454207
5.4542158	5.31444584	5.41152843	5.64499437	5.62196086	5.65082664
2.80573514	2.9199277	3.38320507	3.06443098	2.75273834	3.28240962
2.7324066	2.56419357	3.28201894	2.95714522	2.89344517	3.10839374
1.08826477	1.64243238	1.00E-04	0.83586807	0.75286027	1.30769306
2.60056059	2.6112719	1.00E-04	0.62822661	1.57744183	2.85465999
7.77962939	7.65497865	6.6720731	7.21573573	7.11482561	7.14747844
4.27564939	4.05155802	4.26863873	4.12877606	4.51875795	4.42738313
4.21205918	4.01694469	4.60465208	4.53007685	4.63902537	4.72207002
4.04450535	3.68567763	3.32306571	3.70021306	3.79303904	4.0625539
1.81256921	2.09462309	1.00E-04	0.85722768	1.00E-04	0.13038568
1.00E-04	1.00E-04	1.00E-04	0.37082421	0.52812965	0.65574892
2.47178969	3.22050471	4.41608577	4.14023579	4.68069487	4.73686389
6.37080021	6.3960317	4.94700494	5.05416682	5.17062817	5.16981482
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.77411304
4.92638264	5.01074344	5.04203294	4.8057142	5.02501143	5.0780311
4.34174776	4.53291355	4.10175401	4.13757053	4.05191689	4.2708179
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51830351	0.24251465	1.00E-04	0.61001117	1.00E-04	1.00E-04
2.16378021	1.9796124	2.08421616	1.41640735	2.40678366	2.13592483
3.66301903	3.98787787	5.1729432	5.33680262	5.24622631	5.24334783
3.73128625	3.16409563	3.68686965	3.75720371	3.83294064	4.20336685
3.05199579	2.55362998	2.42512226	2.46474403	2.78473124	2.75674157
3.68182031	3.86623313	2.48086228	2.87206816	3.44030461	3.64387547
4.58434399	3.94413115	2.46099858	4.04358179	4.97828636	4.6160875
2.7932521	1.3723413	1.00E-04	2.15549344	0.19066734	1.78574439
3.91387793	3.83064559	3.2152396	0.86602959	1.17451571	0.56131478
1.92682508	1.3578077	1.00E-04	2.641486	3.07525719	3.01290576
2.71516511	2.55874636	2.79318956	2.2690807	2.84217605	2.45442464
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.99448056	4.66220573	5.04243862	5.71110886	5.63289075	5.26012142
2.01529815	2.20268127	1.49210505	2.32806099	1.77129593	2.34462665
1.39910754	1.78699089	1.00E-04	0.94462364	1.5176822	1.77041415
1.69908574	1.98564454	1.99856393	2.20914135	1.53686159	1.55496821
4.04566049	3.77969249	3.93189696	3.95756847	3.89565681	4.18475651
1.59350203	1.06828575	1.00E-04	2.11048778	1.49126239	2.01267453
1.54638434	1.89248051	1.00E-04	1.70551175	1.88149857	1.80466455
2.48099239	2.30415886	2.66365749	1.94926625	2.19300396	2.09820767
3.70003775	3.17484533	1.67979948	2.97010258	3.97875088	3.09487213
1.8303299	2.16590255	2.08359672	2.20140915	2.19007553	1.99024354
4.5478124	4.70182699	4.40731116	5.0134681	4.72999611	4.71229726
3.64717841	3.284051	3.81174064	3.56388639	3.25753912	3.50009922
2.62407065	2.11368491	1.11518827	1.57036066	2.11794192	2.69891508
2.0365021	2.33099031	1.00E-04	1.94211142	2.5858954	3.15835964
3.79564997	3.3289802	1.00E-04	0.25428292	1.0827422	1.02238368
1.7667778	1.04799244	1.00E-04	0.48690722	1.31807783	0.65829001
4.44014092	4.34976509	4.28290837	4.426945	4.35040299	4.54053338
3.42255664	3.32917448	3.08597495	2.60380768	3.4009271	3.2521672
2.51600516	1.70205094	1.28316224	1.24879796	2.12787103	2.30761154
3.2002317	2.92036374	2.8295934	2.63770822	2.95101563	2.87859912
3.47436675	3.62919927	6.44121045	6.39476175	6.75568585	6.95395595
5.3143044	5.20086951	5.98887324	6.40965971	6.36153805	6.38591448
3.32346735	3.22707504	2.23274937	1.79473015	3.02682494	2.91638827
4.86034236	4.53503045	4.93193006	5.7589971	5.85009921	5.70226881
4.7781164	4.57011981	4.51512621	4.94933834	5.22148067	4.85661271
2.59464711	2.84369866	3.67523562	3.25128619	3.68125554	3.78428226
2.43656214	2.52416774	2.78440359	3.5533659	2.90552897	3.21095467
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.36544224	5.32518161	2.35742396	3.00751949	3.04189595	2.98888857

1.00E-04	0.61145469	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88640994	1.00E-04	1.00E-04	0.88514491	0.47188617	1.31181513
4.22455014	4.25059017	3.19096582	2.89450863	3.92931876	3.94559757
1.03293445	1.00E-04	2.37523392	0.78264478	0.18229203	1.00E-04
3.7770694	3.94203699	2.7122629	3.33256844	3.73989458	3.63825783
1.61131757	0.59418646	1.00E-04	1.93431769	2.10749916	1.15421378
1.747209	2.38265406	1.06844428	2.2977469	2.83240902	2.99319392
3.56284636	3.47709544	3.58308922	4.01990996	3.80187726	4.07511568
4.73413317	4.727425	4.6750297	4.49377325	4.3085847	4.74923515
4.75966712	4.72637218	3.28870455	4.38144791	4.36186723	4.13155549
1.00E-04	0.57077907	1.00E-04	1.77029899	0.23239377	0.51406222
4.64631777	4.57486186	4.44131025	4.55933703	4.34116036	4.64379632
2.50036094	2.12954044	4.167505	3.96857127	4.40656027	5.0242115
3.42716072	3.30941939	2.48995546	2.46388042	3.3339484	2.89307824
3.9851064	4.24659453	3.87521569	3.99707717	4.10204268	4.20058547
1.23113389	2.38225912	1.00E-04	1.29848718	0.84467176	2.23803559
0.49134585	1.19743785	1.00E-04	2.52299979	0.45000111	1.00E-04
4.62998201	4.70082642	5.11632715	4.92661394	4.68036697	5.04127573
1.02845078	1.15154849	1.00E-04	0.94676785	1.61834639	1.75294855
3.91439503	3.93839303	3.58480121	3.84073681	3.54479712	3.93030401
3.23767813	3.21048566	1.9875272	2.28334402	2.67822673	2.98961531
2.95256363	2.00278557	1.00E-04	1.89411961	2.49781962	2.56941016
2.84445931	2.7394985	1.84272348	3.24119325	3.516527	3.08013077
3.78766929	4.03904109	4.08261658	3.93533039	4.50843684	4.45695303
5.29569976	5.17052934	5.43588616	5.38040979	5.34662354	5.38365092
6.27438468	6.10801765	5.91306033	6.43358067	6.1897358	6.22677795
3.69800062	4.24168296	3.03843779	4.37704518	3.81824349	4.0710623
0.71955774	0.55552765	1.27996271	0.91984897	1.41502768	0.25940884
4.0640848	3.60285858	4.42221658	3.92286222	4.09337012	4.27455558
2.377157	2.10386388	1.00E-04	2.01122251	2.66710219	2.55305457
3.75441021	3.118246	2.99620325	3.20190835	3.0483821	3.19658898
0.87852864	1.99591914	1.11518827	1.02749941	2.04672572	1.33394006
3.35870916	3.41897303	3.23345665	3.55003844	3.62052226	3.17105459
3.51058031	3.25438983	2.46883592	3.64471763	3.49612136	3.03992187
3.79412111	3.3868967	3.77993374	2.30880548	3.12729387	2.92645644
1.44210452	1.05587061	1.00E-04	1.21989058	2.16232945	2.08865198
4.40996086	4.19669831	5.92054998	5.77378219	5.80488479	5.958178
3.0425302	2.91514796	2.34515906	2.88491947	2.86402348	2.73440138
3.39292968	3.31915631	4.09840298	3.71467912	3.9762305	4.04917709
3.73313389	3.66454076	3.43221391	3.49921036	3.73881029	4.01863155
4.57476978	4.72510607	4.56235541	4.93539567	4.77315031	4.64094399
2.36546821	2.4339405	2.97759047	1.71129976	2.22850141	1.77576593
2.62441787	2.71309451	1.93591379	2.80952468	2.61508124	2.65242436

2.63004987	2.89176066	1.67979948	2.29770129	2.79384591	2.22613696
3.44547175	3.59732114	2.30885109	2.93960647	3.32192659	2.94974691
3.79795066	3.88455019	3.3937257	3.17268141	3.22605012	3.64006754
3.19400228	3.51912417	3.14456076	2.91055029	2.84097	2.75681847
2.63835195	3.02076207	2.28102325	2.06927327	2.83331284	2.97437578
2.7864771	3.38218133	1.74110187	0.96796532	2.6451939	2.97987165
1.10530039	1.08048903	1.06844428	1.27011508	0.79350922	1.28076652
1.00E-04	1.00E-04	2.66538346	1.8386539	0.72498	1.21042481
5.55474035	5.54866532	5.01845576	5.52264056	5.05525976	5.22343688
2.16200874	2.70027136	2.58667848	2.65597493	2.89948628	2.49438646
2.50549905	2.8247267	1.00E-04	1.20185895	1.90527622	2.90182567
4.42265812	4.47830472	4.23293707	4.43639762	4.4383372	4.31758003
0.26160122	0.75265145	1.00E-04	1.46924696	0.87172499	0.9361868
0.75008908	0.78691146	2.24726389	1.49218828	1.00E-04	1.00E-04
1.95440505	1.58198272	1.52319676	2.12922699	2.15027858	2.37417022
2.36849357	1.78659471	2.79807128	2.67165524	2.67927815	2.86728889
3.78781411	3.83451089	2.59344874	3.10023826	3.15306599	2.52044756
1.54684083	1.2052997	1.06844428	1.18544321	0.64568391	1.17141469
0.16178697	0.3972097	1.00E-04	1.00E-04	1.58821245	0.45121182
2.38349625	2.06525454	1.01811585	1.00E-04	1.36863205	1.30654004
1.14636787	1.00E-04	1.00E-04	1.67451696	1.0735474	1.09942361
1.00E-04	1.00E-04	1.00E-04	0.98129603	0.71119643	1.00E-04
1.05284252	1.10383165	1.00E-04	0.95814622	1.00E-04	1.29811449
1.00E-04	0.56648379	2.90563777	1.00E-04	1.00E-04	0.5579205
0.52586187	1.74998153	6.90483921	6.91192901	7.20053486	7.24361428
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44747489	1.00E-04	0.85722768	0.57246952	1.00E-04
1.00E-04	0.58995952	1.00E-04	1.28239169	1.00E-04	1.00E-04
5.34602615	5.1943162	5.36299117	5.77458222	5.71647007	5.56353523
2.41631751	2.68986041	2.28102325	2.42396766	2.10459608	2.58644978
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95757605	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13427639	1.00E-04
3.25867059	2.58374181	3.81457798	3.54868321	3.42587404	2.97946627
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.4128952	2.13417248	3.39010832	3.60139619	3.20584049	3.00681598
3.33085248	3.64125347	1.28316224	2.81316264	3.46826966	2.96878138
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94177907	1.75781789	1.06844428	1.5522253	1.53964992	2.05630693
0.83987899	1.00E-04	3.41985584	3.64373247	3.79860894	4.20400693
3.48251742	4.07402902	1.00E-04	2.97556192	3.54822075	3.64474112

3.08559872	3.3481004	2.04842855	2.54915781	2.82124987	2.60069869
4.16289946	4.1499249	4.22243936	3.91356582	3.82875001	4.24781745
1.06445353	1.31403416	1.00E-04	1.44228909	2.33251103	0.97992638
3.88980048	3.646604	3.49932063	3.71407655	4.37471368	4.30000741
0.57428479	1.65067597	1.75021175	1.20451017	1.80808757	1.54029394
2.66710498	2.52027998	3.08574137	2.3647939	2.74505083	3.3993532
4.21782808	4.29515369	4.49181467	4.28009775	4.57124923	4.36721417
4.31352357	4.36809623	4.19600901	4.3804407	4.50758624	4.43016863
1.83766136	1.74284469	1.00E-04	1.11314414	1.20672069	1.73798876
2.29141236	2.40796432	1.57312553	1.14152979	2.38616823	1.44512643
3.53522988	3.61791617	2.89746678	2.94810373	3.74750467	3.3920135
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16276316	1.00E-04
2.15958938	2.35763269	2.85588235	2.42892219	2.55212031	3.12626986
2.67305172	2.725694	1.74894376	1.56822021	2.7881798	1.70383366
2.2407737	1.8482838	1.00E-04	0.81210341	1.98397886	1.21480794
3.89110428	3.61354879	2.89050289	3.16813234	3.46173078	3.99133377
3.19611067	3.2609164	1.00E-04	1.8195537	3.00894037	2.47788602
0.60765791	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31416772	3.01720115	2.46454249	2.00967254	2.63549599	2.56741013
2.88731611	3.0465803	2.4766585	2.70808179	2.93191466	3.23179716
2.13613296	3.20092703	1.40283744	2.86139261	2.15168942	2.69915229
2.1289838	2.78279543	2.08421616	1.00E-04	2.1552991	2.17774694
2.99751134	3.19868468	2.26808328	2.69498708	3.16928832	3.51916156
2.87322126	2.84070584	2.42667918	1.51140267	2.65583183	2.75947505
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.3410397	3.80041401	3.94935189	3.41292863	3.46606091	3.76512253
4.23875168	4.44217367	3.83115711	4.00610544	3.93861819	3.91660454
1.52298227	0.78390163	1.00E-04	1.00E-04	1.16778298	1.64919549
1.00E-04	1.45263379	1.83054554	0.80472047	0.35400979	1.00E-04
3.13109346	3.39678105	2.19528676	2.49379051	2.22302938	2.85584094
1.37372413	1.2571753	1.00E-04	0.51536651	0.96281995	0.44797288
3.395452	3.60931952	3.54395122	3.29970864	3.31028438	3.50901845
1.00E-04	1.00E-04	1.00E-04	0.87693458	2.0278147	0.95843195
2.87084641	2.52738843	1.00E-04	1.80671094	2.80106516	3.14417757
2.16254622	1.91082413	1.40283744	2.1391846	1.92383732	2.37703652
1.00E-04	0.85532896	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.09719297	4.16609452	3.45930333	3.16399358	4.44018932	4.15000912
4.29412413	4.36374847	2.60232255	0.65114092	0.69648077	1.00E-04
4.43710511	4.45804105	4.5251678	4.60479145	5.06839056	4.97723012
3.83883079	3.92229515	4.53102694	3.62029744	4.10774436	4.28483289
2.97699303	2.54577913	2.88447401	3.53536357	3.07746181	3.5353485
4.1573367	4.38827143	3.14557166	2.74759473	3.65179687	3.91902112

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75446349	3.28121543	2.78112446	3.16642223	2.86947545	3.40215587
3.02016477	2.92655128	2.00643543	3.32733499	3.76788775	3.66628131
2.88434438	3.17882846	3.18431394	3.30252395	3.66731914	3.79978059
2.41616018	2.82494052	1.00E-04	2.24879381	2.56800727	2.58405323
2.33849454	3.02056381	2.69591723	2.06238334	2.78511853	2.71554777
4.90443663	4.75908503	3.82674284	4.490137	4.67220866	4.48343188
4.35132373	4.10970729	4.39410716	4.31121221	4.36701174	4.30399291
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81156129	1.33969482	1.00E-04	1.38803366	0.58802109	1.14735881
2.06081557	1.893858	1.52319676	1.83814772	2.03372624	2.34465519
2.56067528	2.66226831	3.9511211	4.07593351	4.73524509	4.80220702
0.8792467	1.8099462	1.00E-04	1.99018396	1.31444208	1.85601545
1.75145302	1.63564629	1.00E-04	1.6248902	1.54219331	1.49001249
4.53511273	4.39738943	3.3514503	3.91209777	3.51653138	3.5210625
1.00E-04	1.00E-04	1.01811585	1.00E-04	1.00E-04	0.65574892
3.67089953	3.61027588	3.61005833	3.65610494	3.53827737	3.8166978
1.88645034	1.22771887	1.74110187	1.19726092	1.26550048	1.52074656
5.0176724	4.85375784	4.90366415	4.9654775	5.04772551	5.28867851
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.43121757	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.16237314	1.00E-04	1.00E-04	0.45977681	0.48971388
3.13241786	3.67565659	2.63797801	3.83620989	3.5683192	3.67931124
2.59114814	2.36896137	1.81104972	2.78355194	2.59805231	2.94229131
2.12020685	2.0425524	1.30789632	1.85568359	2.02878056	1.65039467
4.28391313	4.53313642	4.27539784	4.90178368	4.97946307	5.02570592
2.87374855	2.9806304	2.5719545	2.93404603	3.82753503	4.01443893
1.00E-04	0.57176089	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.76393893	1.00E-04	1.00E-04	1.00E-04	0.68727927
6.45345781	6.27409203	4.794266	5.70830106	5.71139216	5.65230257
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.15571524	3.76021637	1.00E-04	2.84387416	3.50503505	3.03107721
3.29616303	2.61813376	2.92851494	2.41794334	2.83085742	3.44436023
4.34254123	4.49569433	4.52654079	4.43651747	4.6136732	4.46540858
0.75023767	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.44330214	3.05555774	2.48988936	3.16011357	3.18498572	3.42075126
1.00843045	1.77817937	1.00E-04	0.37771766	1.38483562	1.98090467
3.54406338	3.49526528	3.22493209	3.41190695	4.40994188	4.33067055
5.17805719	4.88853949	4.30766207	4.51355597	5.58667664	5.25513608
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.225447	1.14730818	2.01665726	0.5252732	1.1443586	1.96473174
4.89263869	4.87858085	4.89751414	4.74588309	4.58117558	4.79290819
4.17500641	4.1372942	4.02490947	4.33527157	3.92230013	4.35783602

4.84122231	4.66674357	4.43532638	4.67955889	4.5897756	4.59865702
2.51157153	2.39949458	2.32722852	2.39940707	2.26967763	2.80661044
2.73426343	2.77202541	2.3892568	3.29208286	3.51357614	3.9739391
2.59169634	2.61896097	4.69326285	4.80445159	4.4345633	4.61503087
2.27251216	3.20197366	2.48550265	2.81564123	3.29103201	2.73690956
0.63255951	0.92031514	1.00E-04	1.56196069	1.04562679	0.8460073
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.27872666	1.00E-04
5.06715891	4.87232721	3.57180552	4.49949709	5.02519153	4.67928495
4.48012959	4.33354049	4.7547623	4.84052882	4.85877467	4.8329692
5.02414229	5.16892778	4.15961565	5.18191883	5.1380973	5.21265252
4.43973004	4.42554291	2.26969129	1.65300593	2.0027764	1.25375605
0.89000222	1.46378504	1.00E-04	1.76891558	0.74870779	0.80932651
3.27309698	3.48120397	2.14568035	2.96375644	3.32515388	3.38129721
2.50345512	2.85573799	2.76910131	2.94179875	3.22968836	2.832093
3.23096272	3.31635169	3.43180553	3.54938886	3.87379804	3.82138067
2.96144544	3.49688351	3.80355104	2.84114377	2.99519952	3.4150106
1.33750866	1.63805123	1.00E-04	1.00E-04	1.17026998	1.32594419
2.55670572	3.2229744	3.12352744	3.13366288	3.43955977	3.38548448
5.27677965	5.2703488	4.7835478	5.40721283	5.22390566	5.34933615
2.39445392	2.78683219	3.23858413	3.25628747	3.5345864	3.35262666
2.4431285	2.13334443	2.78928975	2.23271791	1.7302161	2.37691591
5.37987225	5.50982591	3.65768563	3.66496013	4.82297008	4.56831402
3.1533979	2.65854306	1.82698984	2.01566243	2.84130426	2.55990709
4.25616219	4.11401152	4.50657133	4.09270329	4.19648076	4.26960498
2.94366667	3.06312588	2.8094994	2.54511051	2.67707922	3.18077475
2.2881503	2.84575524	4.2786575	4.56920474	4.36939471	4.62814878
1.21970864	1.13438236	2.07825983	3.36695703	3.54689982	4.06647712
2.02779691	1.89985014	1.38754516	2.03277414	2.38565006	2.46292642
4.24770431	4.52862949	4.33370967	4.34348598	4.06155263	4.55619215
4.725738	4.2452555	4.49276924	4.51583701	3.95038034	4.10698377
0.75008908	0.97327174	2.39153295	2.07312004	2.76505032	2.19612907
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.12380073	3.96246156	3.99506979	3.81029273	4.09322203	4.20232406
2.86037777	3.06671464	2.48700141	2.77374119	2.97985094	2.39495768
2.91987598	2.6386496	2.5035701	2.40469473	2.42127137	3.28943884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.79315539	3.80601109	4.13015562	4.57464539	3.97519455	4.26105374
1.21047022	1.05704318	3.14791028	3.32452781	3.66436391	3.42887614
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.60009394	1.00E-04

1.00083569	2.07051152	1.40283744	0.91138161	1.82714954	0.40793063
3.03758947	2.52528509	1.00E-04	1.00E-04	0.8938033	0.91642614
1.13824948	1.30218045	1.75472403	0.70445831	1.99615679	2.24890027
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35400979	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.35900301	1.09232823	1.48950845
1.00E-04	1.00E-04	1.00E-04	1.35798561	0.63192257	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.15574138	0.67855274	1.12377539
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.61072705	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.58410459	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.58995952	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.30986649	1.54509684	1.16187998	1.66328812
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67227121	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77438897	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62080191	1.43226634	1.00E-04	1.00E-04	1.13160488	0.60388987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36890356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2878742
0.09292159	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.4311967	2.89139205	2.42251072	2.25142075	2.96235995	1.83371616
2.62884382	3.5866857	2.10938299	2.296036	2.64249924	2.72501889
4.30741358	4.34958229	2.84027135	4.02684497	4.26796201	4.23155919
0.45044286	0.64887418	1.00E-04	1.00E-04	0.22206006	1.00E-04
1.45220407	1.53813175	1.00E-04	0.96735064	1.32477734	2.04127978
3.76552227	3.90149246	2.83301519	2.77768811	3.57087765	3.45561457
4.08163858	4.29636926	6.765933	6.9700685	6.86010995	6.92734598
1.00E-04	0.91995662	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.91621364	2.76949573	1.9150802	1.7304763	2.43017661	2.0871166
3.33161512	3.3586264	1.89266115	2.8082861	3.51574425	3.39691828
5.49909516	5.32755615	5.38861086	5.67006973	5.29975846	5.48933156
3.15368015	3.55501441	3.68528156	4.40424434	3.86828389	4.45642292
3.31983678	3.28688341	3.19164821	3.5997142	3.84056904	3.89981954
3.35292797	3.31806955	2.12882461	3.5072861	3.59217052	3.34372898
2.96368529	3.57764668	2.76898135	2.57427545	3.01658074	2.86443049
0.29810286	1.00E-04	1.30986649	1.00E-04	1.08108358	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37073618
1.00E-04	1.00E-04	1.00E-04	0.70120444	0.28516457	0.77077425
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.37216412	2.398929	1.84440302	1.54842956	1.12433351	1.71398701
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.78788982	4.00721203	5.00600632	4.72183567	5.0330287	5.28774082
2.09875836	1.42101387	1.00E-04	1.8072261	1.95391829	1.75197919
3.60489702	3.42637445	2.54051082	2.68363872	3.63976396	3.47186513
3.06143881	3.34709458	2.31349279	2.87057406	2.2134384	1.69297936
3.46811159	3.3324968	3.93679245	3.32325976	3.37842158	4.20050852
0.47462842	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.19284824	1.70893861	3.19318705	2.57249484	2.29267408	3.02383129
1.34963918	1.56167956	1.27996271	2.15677081	1.94138713	2.51810966
1.41283035	1.09057199	1.40283744	0.74877042	0.87087961	1.25904848
5.57559506	5.54850834	5.1481103	5.48415531	5.76375214	5.73049341
4.21065694	4.50269114	4.11747126	4.20899279	4.46701951	4.86157125
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55253127	1.00E-04	1.00E-04	1.00E-04	0.91598364
1.00E-04	2.17264974	5.47075083	5.37733865	5.35461116	5.59506044
2.4390095	2.30860847	2.33534776	1.44698039	2.0780279	2.44779396

2.98764622	2.93147172	1.80090894	2.24427319	3.29501569	3.40331251
4.52804541	4.59773094	4.91337652	5.07854615	5.33787368	5.36435191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02400207	1.12336949
2.38429432	2.66529607	2.5084181	2.5709161	2.58162965	2.62876598
2.46924591	2.45501646	2.24726389	2.12311377	2.20303039	2.31907046
2.31136469	2.73789674	2.28484398	2.42495009	2.8774948	2.92899575
0.16178697	1.71777309	1.00E-04	0.99221654	1.68873608	1.82655746
2.92171814	3.04563674	2.55569614	1.92155891	2.76186424	2.48561213
4.01000028	3.90508641	3.56542959	3.72099568	3.79358165	3.94118611
1.00E-04	1.00E-04	1.00E-04	0.73505635	1.00E-04	1.00E-04
1.06121655	1.51334765	1.00E-04	0.74974741	1.89426906	1.19302304
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.61180488	0.85796467
1.97390409	2.03810747	1.88904308	1.50568649	2.11277522	1.7187449
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.66023508	0.68918882	1.00E-04	1.0768655	1.00E-04	0.39264592
1.11315684	1.00E-04	1.00E-04	0.69313868	0.36298477	0.91151745
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.65834485	1.13557773	2.54080566	1.93821796	1.88058593	0.67756658
1.00E-04	1.00E-04	1.00E-04	0.763008	1.07979792	0.64490035
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.97675051	0.65423914	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.13351546	2.17264099	1.00E-04	2.79125703	3.2436944	2.49847106
1.49692569	1.16513719	1.00E-04	3.20652658	3.33892311	3.14681003
1.68775535	0.68786535	1.00E-04	0.82247244	0.71592889	1.02790481
0.86640468	0.57497591	1.00E-04	0.99561358	0.16793254	1.00E-04
1.00E-04	0.75874508	1.00E-04	1.00E-04	0.66694363	0.54492932
1.23562251	1.86793705	1.00E-04	0.91998591	1.56585514	2.05527093
1.64603024	2.02412105	1.9503961	1.22911534	1.99433757	2.61757267
3.58409536	3.60672316	3.09936176	3.50156962	3.48870487	4.01088043
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94841238	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53888819	0.65947666	1.00E-04	0.63389895	0.41274015	1.44591496
1.44349279	1.82172167	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.6068095	2.11703308	1.10227841	0.45121182
3.69403219	3.63875385	1.98585178	2.81396285	2.7875051	3.3653648
2.63728366	2.00676634	1.30789632	3.20055033	2.79162429	2.45238182
2.07930981	1.70035826	2.44227172	1.12177884	1.94780768	1.98493193
1.00E-04	1.00E-04	1.00E-04	2.15075951	1.0051151	0.12854881
4.85388944	4.94723906	4.4870722	5.06479355	4.91990559	4.8489718
1.00E-04	0.68583034	1.00E-04	1.00E-04	0.68591416	0.75586596

3.34828336	3.00359962	2.00743688	3.71274516	3.68473708	3.49305045
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.41293195	1.32197188	1.9503961	2.47782522	2.04454577	2.47213614
2.78148455	3.02979729	3.89935408	3.27271423	3.85639151	3.3986244
1.038029	1.00E-04	1.00E-04	1.00E-04	0.36639306	0.30661977
2.30848693	2.13141793	1.27996271	1.59579659	2.29062867	2.64575684
4.72572747	4.68167351	4.7482428	4.51085735	4.88662856	5.05162253
3.32805494	3.51968733	2.24726389	3.03653811	3.45388704	2.72156406
4.78414707	4.96434949	4.65226118	4.14943609	4.23034532	4.49439844
4.22316361	4.18251126	4.44679447	4.52740165	4.39195008	4.4213623
2.21368199	1.59900753	1.00E-04	3.08299407	2.16202631	2.42415891
1.8037094	1.53876164	2.80515203	2.84906435	2.71662398	2.58545088
4.55011912	4.5466122	3.64803798	3.87240349	3.99972174	4.09107875
0.65481446	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.81946484	2.57277534	1.00E-04	3.4005984	3.20856363	2.9543313
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.14227624	3.19897365	2.7269633	2.43628462	2.37016795	2.25623299
1.69211346	1.58444679	1.00E-04	0.8793532	1.51650079	0.87418642
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64604708	0.52918077
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.66476267	3.2949796	1.30789632	2.8464485	3.03701371	3.08452641
2.34572142	2.66346833	4.0786413	3.59987623	3.82230656	3.72525443
2.13432932	2.877624	2.73471664	2.57011572	3.02279045	2.09353303
2.87537897	2.8696812	2.64329811	2.08068767	2.82190145	3.0200502
5.04847164	4.78991949	4.74896668	4.99112998	4.97300801	4.78167107
1.00E-04	0.48013639	1.00E-04	0.764425	1.00E-04	1.00E-04
2.73608592	2.99550042	2.60612144	3.32830281	2.63150812	3.00854915
4.58900241	4.75301906	4.87404205	5.17191908	4.92122304	5.00490662
0.23886217	1.08724847	1.00E-04	1.29290626	1.63029887	1.22609549
5.44861391	5.08193439	5.24631929	5.17207746	5.19143524	5.04839081
4.47266268	4.27548452	4.21460531	4.29018605	4.44882389	4.39106655
1.72006108	1.42495587	1.00E-04	1.36123086	0.65250188	0.95390612
2.01571454	2.2090832	1.00E-04	1.17740735	1.92668292	1.52703857
1.93674212	2.06694179	1.00E-04	1.59005671	1.63060048	0.92367601
0.83190622	0.74472226	1.00E-04	2.40054314	1.26294231	1.20455732
1.24780893	1.00E-04	1.00E-04	1.15441757	1.06902282	1.00E-04
4.09728125	4.20851236	3.91058685	4.19331425	3.98110152	4.20484505
2.71306325	2.88363633	1.00E-04	2.33297764	2.35649457	1.78553905
2.96752498	3.2468961	2.93572443	3.02827258	3.10900135	3.13030293
2.85355329	2.53778663	1.73310115	2.679026	2.79292031	3.20949566
3.34554023	2.97816052	2.85253027	3.87818186	2.96713627	3.59785851

0.84831262	1.37939322	1.00E-04	1.64996364	1.61083387	0.86593467
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.98565474
2.86216591	2.83570492	2.82339917	2.99714713	2.74777073	2.89183559
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.60653577	4.33898241	2.17137641	3.16735404	4.57141512	4.17975665
3.30513605	3.57760934	1.00E-04	2.19213666	3.03361006	2.77275911
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.515445
3.50305339	2.70424509	3.20033704	3.21875009	3.32445671	3.13846501
2.92036123	3.30500504	2.08611893	1.66531867	2.90066439	2.75221011
3.97949881	3.92797506	3.95187378	4.0614436	3.68394911	3.8758012
3.46267278	3.39572451	2.87639556	2.5453238	3.32804632	3.22574833
5.15550227	5.16537771	4.95871291	4.74712936	4.90651108	4.88988905
2.80379434	2.79717079	3.45586238	2.84253245	2.77130028	2.83527943
1.6406698	1.51937635	1.49210505	1.36879223	1.49713966	1.79742964
1.00E-04	1.00E-04	1.01811585	1.35808563	2.33169726	2.42470668
3.03269833	3.08959907	1.00E-04	2.43382173	2.90343261	2.39509055
2.71298017	3.07978587	1.40283744	2.31688342	2.76736661	2.82941073
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01353496	1.15763594	3.77845593	3.83869554	3.74350305	3.87262298
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90764825	1.16495903	1.28609943	2.20465369	1.59395358	1.75705123
2.57410754	2.49571808	2.83697275	3.81565786	3.85644419	3.15912625
2.69948521	3.15331461	1.00E-04	2.21139617	0.97354119	0.38032321
5.82027401	5.65229016	4.23081385	2.82724991	2.96352166	2.57540941
3.00491034	3.46167981	3.18847787	3.29046939	3.69688432	3.96802558
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.57137844	2.40724257	2.81485629	3.02391882	3.21925585	3.73179074
4.02698437	3.86479696	4.41804734	4.06811322	3.72397462	3.86346504
3.40128225	3.63040398	3.19792888	2.66505532	3.8858165	3.63280702
2.50795891	2.75282983	3.54683022	2.86778927	3.69999573	3.68152604
1.8896298	1.93839545	1.73310115	1.54234204	1.57201215	2.19806371
1.1405297	1.21782496	1.00E-04	1.00E-04	0.1826159	1.16037737
5.23297562	5.38314287	4.40727269	4.45513909	4.46300728	4.53296045
1.64993117	1.94436564	1.00E-04	1.04171986	0.20455459	1.14549672
4.83332276	4.61793428	1.00E-04	1.17690745	1.48675049	1.66537454
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30788028
1.47234535	2.05044501	1.46133917	2.10024889	2.65592787	2.30764893
5.38623005	5.22901618	4.46146601	5.8080771	5.89639873	5.5141509
1.4487072	1.00E-04	1.30789632	2.29151289	1.73375753	1.21014251
3.53766209	3.63104871	2.75365414	3.35432178	3.0416412	3.23964333
0.60327704	1.00E-04	2.70706946	4.32893569	3.73959822	4.19645714
4.18380339	4.27515177	3.41111032	3.67090522	4.21699978	4.20144013

2.39700222	2.80168975	1.73497509	1.84169321	2.19295374	2.95007054
2.06194218	2.42277008	1.00E-04	1.96176298	2.50008444	2.47539218
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23269493	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.30720342	1.24534308	2.56424075
1.00E-04	1.00E-04	1.00E-04	0.54676642	0.73390504	1.6126385
1.46037655	1.67204364	1.00E-04	1.37716627	1.64896002	1.8534171
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3883143	1.00E-04
1.00E-04	0.34385176	1.00E-04	1.00E-04	1.00E-04	0.45304823
0.51477986	1.81758203	1.00E-04	2.0260319	0.71860399	1.01918184
2.11579059	2.49696667	1.00E-04	1.17117646	2.07527566	2.16640614
1.83023064	2.49043661	2.07825983	3.02355997	3.02046998	3.06277992
1.00E-04	0.64993987	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.25887296	4.16152973	4.43383251	4.85152669	4.65058677	4.74485635
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55708232	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24251465	1.00E-04	0.37325883	1.0351123	0.42693264
1.5121576	2.01929072	1.83013888	1.65718119	2.38851987	2.10506452
1.23079922	1.13528154	1.00E-04	1.30176569	0.42757985	0.972899
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.94139921	3.56218421	3.46061704	3.60966851	4.01661218	3.62988269
3.60123982	3.65503757	2.07825983	2.13875165	2.6169937	2.80889213
3.6318613	3.88561792	2.5487962	3.01779437	3.9187516	3.63968112
3.16566952	3.42647872	1.82818418	2.35614242	3.41424458	3.22349029
3.42412578	3.33796184	2.04711781	2.91012192	3.32983541	3.40084305
3.7216087	4.12185242	1.06844428	2.49594478	3.17467311	3.06728055
2.63173794	2.96542438	1.28609943	1.91468797	3.08215921	3.25645574
3.14849291	3.62703203	3.38420075	3.05090109	3.89449716	3.90073092
3.41283646	3.73171896	2.45280978	2.37830556	3.6070881	3.84997322
2.56180604	2.76070764	2.00743688	2.08526399	2.62007364	2.32984622
2.59537856	2.96671762	1.54304638	2.13538685	2.56403537	1.6333618
2.76436333	2.91776014	2.49400064	2.22430598	2.9343492	2.92183424
4.06610705	4.01233646	2.88136409	3.39289149	4.10088473	3.9666042
3.31930379	2.83277341	2.64139138	1.45428987	2.61496194	2.81687267
3.53076091	3.39966156	1.11518827	2.82680355	3.35792754	3.19706689
4.06449924	4.3384782	2.5982159	3.09324273	4.37978583	4.29368206
3.02900476	2.42761442	1.88729871	2.09842698	3.15141442	3.09200947
0.51477986	1.00E-04	1.00E-04	1.00E-04	0.73185919	1.16269302
3.6188531	3.99449081	2.90033884	3.20522187	4.10786994	3.7986527
2.93084538	2.26110697	1.84440302	1.60601419	2.72702164	2.74999386
3.81585086	3.91876516	3.88386281	3.31624243	3.65588562	4.15472464
3.24570753	3.47981521	2.61353915	2.06897527	3.22437884	3.31305351

3.35892664	3.46873173	2.34680792	2.59049831	3.4163645	3.57795301
3.58959592	3.5132868	3.10164397	3.1911806	4.11576346	3.7671678
3.96874444	3.94282611	2.96728687	2.94128601	4.12463246	3.79291668
3.49540894	3.38057176	2.33417712	1.65919385	3.07720301	2.91317875
2.86235509	2.95582167	1.40283744	1.94288265	3.15681156	3.14896132
3.09659881	2.67906916	3.41066145	2.10564283	2.72454657	3.2862606
3.19645042	3.58074727	2.19528676	2.87443556	3.41161904	3.64648077
3.99387231	3.966852	3.65609184	4.01971524	3.90410489	4.08228987
2.66560106	2.66450007	2.70441558	1.96933008	2.52434247	2.83201672
3.16883077	3.39822255	3.0137003	2.88685467	3.79429405	3.51875482
4.43005639	4.59580118	3.49191343	3.24850783	4.70823483	4.70944021
3.5604666	3.63101157	1.00E-04	3.05586078	3.33178813	3.30189172
3.28940403	3.28553247	2.03688221	2.53751927	3.72281438	3.50581232
2.58950261	3.05879534	1.7100959	1.83143979	2.79493198	2.78556064
2.0462182	2.63795989	1.69994631	2.1217566	2.65294248	2.86561806
2.94128621	3.23971376	2.14870406	1.87208534	2.80032566	2.04885857
3.31403751	3.4135533	2.41790022	2.56220834	2.79887973	3.28952461
3.72751999	3.5182911	3.31993895	3.14742637	3.29351433	3.73206608
2.21721683	2.58567742	1.06844428	1.27598254	0.94900915	1.26136075
2.34586459	2.8711323	2.08421616	1.4207376	2.40361014	2.0761338
4.6756703	4.63761163	3.24268774	3.36480006	4.21408983	3.82837008
3.09667376	3.17122059	3.30136976	2.66085178	3.84654476	3.4309511
4.11932514	4.05273356	3.25268289	3.30847355	4.36389585	4.2532854
1.78070751	1.83360255	1.00E-04	1.61016892	1.21975507	0.32900361
2.91314612	2.7486483	2.05754114	2.17767533	3.04878799	3.01868839
3.904854	3.97582853	2.11217548	2.81788214	3.84682094	3.15307324
2.45696069	1.95176487	1.00E-04	1.70856925	2.11277228	1.82572762
2.92473654	3.0533305	1.27996271	2.44299868	3.18613768	2.94527216
2.5981087	2.69472433	1.77763584	2.37624996	2.67791354	2.5414961
2.57236932	2.89813639	1.27996271	2.11377027	3.25701523	2.93168749
3.8812993	4.01812078	2.82514802	2.25595823	3.53482362	3.58603943
3.0728832	3.29992887	3.21056016	2.14483787	3.28938671	3.02430665
4.01324269	3.91733169	2.73161186	3.56355625	4.35498623	4.28906988
4.06781331	4.33936039	3.2490766	2.77764694	3.8753121	3.61015746
2.50690037	3.21826796	2.19528676	1.8290756	2.92399185	2.15843227
3.11006819	3.46355154	1.67979948	2.45727794	3.6616559	3.38047335
3.16829649	3.31569901	3.06468467	2.47001907	3.44288496	3.31852735
3.32547304	3.45140249	2.76570602	2.30804332	3.35298189	2.93480897
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2.78983068	2.98919832	2.9321371	3.0662043	3.43423126	3.29890634
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4.19110647	4.03797844	3.15507369	3.65778419	3.88118255	3.91406659
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2.19566276	1.73021612	1.00E-04	1.28459929	1.96013317	2.63130505
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3.80778303	3.7009888	3.52657923	2.1552404	3.61352717	3.73550924
3.60261697	3.55900858	2.3383565	3.03464412	3.44987906	3.41463234
3.88351122	3.87394832	3.50070553	3.18356622	3.63511591	3.55119162
4.58030635	4.68746981	3.4356909	3.50165553	3.73298636	3.35897427
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3.93807742	3.77892393	2.69085785	3.53112946	3.84620259	4.22726998
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2.40265307	2.96976692	2.69811095	1.46373222	2.23152937	2.49209433
4.92231403	4.86509264	5.21063847	5.65459506	5.43582452	5.46219422
3.96340759	4.00905502	2.04595548	2.8446508	3.00372416	2.82651678
3.00931733	3.33787782	2.55790629	2.04217559	2.66065043	2.74602471
1.00E-04	1.46757733	1.00E-04	1.30433935	1.00E-04	0.13038568
3.40079332	3.81013517	1.00E-04	0.764425	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.00E-04	1.00E-04	1.16688095	0.40564361	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	4.56736855	4.70642507	4.86605835	5.15738202
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3.60833565	2.69588428	1.00E-04	2.88837053	3.98094411	3.80199771
0.84541885	1.00E-04	1.00E-04	0.81392237	0.12413672	0.35419377
1.00E-04	1.00E-04	1.00E-04	0.78559119	0.49981427	0.50635978
2.83999638	3.10261389	3.42478032	3.2572203	3.26873559	3.16306585
0.92349562	0.45691315	1.00E-04	0.78311197	1.15452223	1.28354146
2.37837509	2.91229539	1.70608413	2.21996232	1.36499173	1.45698441
1.00E-04	0.41409474	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.16837969	3.26364078	3.13608884	3.39923524	2.94242561	3.59602932
4.49510251	4.53118999	4.63980132	4.86722784	4.49840307	4.34060876
1.38658766	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63250491
1.00E-04	0.78390163	2.24726389	1.61209966	0.59914726	2.01030326
3.37961342	3.39757891	3.73166363	3.20296346	3.24635032	3.13190921
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33004234	1.00E-04
5.83247572	5.86065109	6.29218429	6.16418183	5.7812566	5.81939396
3.38542921	3.47244126	3.56699645	3.3123181	3.17578255	3.96759165

4.18666482	4.24310413	4.12203051	3.861467	4.03202198	4.28321793
2.54715226	2.63704296	2.43496062	2.48206167	2.22953163	2.29278815
1.00148903	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45932099	1.00E-04	1.00E-04	1.00E-04	0.91415999	1.00E-04
4.06933184	3.97366209	3.90603264	3.85866953	4.05219934	4.69857298
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.8763634	5.81476718	5.57193032	5.70601783	5.77703479	5.73728327
3.67392508	2.7446347	3.75525375	4.23445578	4.33806922	3.83212268
5.19253654	5.23510318	4.57792937	3.9399131	3.88946272	3.75357342
2.13841447	2.15628343	1.00E-04	1.49343905	2.26529638	2.62794232
0.69072098	1.46375232	1.54304638	1.34100061	2.93426065	1.77727091
1.1807592	1.8902876	3.29691922	2.64320676	2.22056157	1.24434531
2.7316726	2.69001608	2.23910215	2.38094452	2.4984207	2.41859956
1.00E-04	1.00E-04	1.00E-04	0.764425	0.52317786	0.85278439
1.3163424	1.48407103	1.00E-04	1.85872265	1.63456469	0.46745727
0.80946357	1.00E-04	1.00E-04	1.00E-04	0.57981598	0.65200641
1.47631559	0.88502373	2.74410229	3.05817012	3.34941357	3.43396887
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18229203	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	0.82105536
1.9179274	0.94658676	1.27996271	2.92783748	3.12793275	2.28387525
1.6302658	1.00E-04	1.00E-04	1.26872746	1.40522145	0.75726803
3.32738646	2.90465198	4.07299272	4.62714773	5.06146795	4.52277495
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.47475067	3.55597241	4.42060409	4.05155376	3.95435234	4.26169067
2.85117832	3.1883463	3.19677367	2.05181988	2.95923482	3.09676906
3.46708872	2.96502042	3.35727377	3.85058621	4.26476731	4.29674056
3.88066729	3.87226689	3.55825324	3.79162142	4.11914183	4.07374479
2.9925048	3.00455568	1.00E-04	2.90767354	2.96691402	3.43751461
3.37933546	3.29032206	3.57478147	2.86519858	3.77184629	3.39183494
3.95741935	3.5170392	3.09407012	3.51542413	3.68494397	4.15031537
2.51487532	2.73294489	3.68731772	3.69716111	4.54812635	3.82159148
3.52844575	3.65551347	1.00E-04	2.51574998	3.23893738	2.86814255
5.64758112	5.54282141	5.24546468	5.37718512	5.65304981	5.75271149
2.71563206	3.04508353	2.46099858	2.64888074	2.84298427	3.10174267
2.39917569	2.73828691	1.89064666	2.68149787	2.3792373	3.44374791
2.56699549	2.46959754	2.37618357	2.36639711	2.31044765	2.25352858
2.99379878	2.80615901	1.30986649	2.26597419	2.4068323	1.95981904
3.04824526	3.31194584	3.47451927	3.63449243	3.04132858	3.35854403
4.32183201	4.34090827	4.04767021	3.87862557	3.74186036	3.68719272
2.71069517	2.35178164	2.49927301	1.71422767	2.57689573	2.58953298
3.10490643	2.92453038	3.03711445	1.9841112	2.83159731	3.15550089
3.19463109	3.64025544	2.78581746	3.45547177	3.49905395	3.61459587
2.18737415	1.79465423	2.89425434	2.17639451	3.14533025	3.16792475

2.32415129	2.00134387	1.81104972	2.31414786	2.74197713	2.26862613
3.72027702	3.55243059	3.96282617	3.82803938	4.38767633	4.97719917
3.85873935	3.6352236	2.96593779	3.333423	4.05630482	4.10879153
3.63453971	3.99772533	4.68159477	4.24310634	4.55670549	4.87233777
5.26790327	4.96340718	5.04146242	5.32946069	5.23724567	5.19343041
3.89798902	4.04575473	4.15534787	4.47959735	4.49273881	4.17833532
1.97541185	2.54829944	2.29598168	3.06383386	3.36754549	3.52378605
2.79029717	2.69337354	3.90826325	3.52534784	3.81080456	3.82322071
3.97769503	3.54496412	1.88496008	3.40906978	3.93009545	4.01025977
1.97832532	2.90712289	2.44990628	2.76769241	2.34749136	2.38571672
4.0990472	3.90811323	3.58672801	3.74494596	3.99823976	4.25986984
3.40629313	3.57754567	3.00120551	3.16276808	3.8835134	4.14045814
3.41995117	2.97475395	1.06844428	2.53543925	3.44397341	2.74468341
4.33730848	4.25849374	4.19466327	4.37830618	4.38457253	4.33520521
3.90520344	4.29785024	3.86704547	3.57439935	4.21509071	3.93977526
4.21929023	4.14254386	4.61666328	5.15237024	4.92512971	4.86985196
1.00E-04	0.50399332	1.00E-04	0.84653972	1.00E-04	1.00E-04
4.18832644	4.1483878	4.62684337	3.94601417	4.06316162	4.02787906
3.41655723	3.79974327	4.28498372	4.13247031	4.05480907	4.26800653
3.16202643	3.50727415	3.65920046	3.28172844	3.2560166	2.39259445
4.72465667	4.7503214	4.78786717	5.2689059	4.93113451	4.78124539
2.73865073	2.88746867	2.93658256	2.76933817	3.09147607	2.42717823
4.28049476	3.94250652	4.11343148	4.36784896	4.16845661	4.37342913
1.8089706	1.61645376	1.00E-04	2.19149805	2.07031234	1.2242256
2.0906553	2.5340933	4.36151352	3.77069449	3.24566364	4.32186561
3.63338899	3.48905513	2.76417142	3.33487907	3.31383218	3.15452042
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.09315489	3.14827005	2.60884822	3.19033901	3.27148692	3.17544761
4.34018115	3.95675068	3.33081845	4.24847963	4.01682141	3.74780525
3.25778485	3.22554305	2.33149239	2.54296615	2.81822892	3.29028235
4.75488437	4.78796858	3.43544095	4.31736822	4.67008163	4.72932364
4.25802789	3.75650116	4.35715597	4.46888252	4.33535289	4.34544962
4.98309809	5.0597085	4.7436763	4.73769631	4.60217617	4.69309693
2.88725222	3.21383305	1.9150802	2.72960517	3.32068309	3.71660677
3.22380269	3.33985186	2.65239508	2.78455913	2.71076299	2.47556849
0.62708415	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.25940884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.32625645	3.60947636	1.52319676	2.93409024	3.04758519	2.6646647
5.5892431	5.72934617	6.68388285	6.53740639	6.33666432	6.26347962
0.44112676	1.00E-04	1.00E-04	2.21639643	1.7574253	1.20789374
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63771785	1.00E-04
2.00057688	1.89456398	1.00E-04	0.46085181	1.20241686	1.00696419

1.44482482	1.84328102	4.07964467	4.48993897	3.7490144	3.51145566
1.38355424	1.2283377	1.00E-04	1.44382463	1.20257232	0.29591257
4.03609144	4.00099494	3.46438387	3.7848772	3.97170951	4.0474801
0.79341826	1.40692338	1.00E-04	1.88520728	0.76362135	1.33246556
1.00E-04	1.00E-04	2.46099858	1.00E-04	0.33647818	1.00E-04
1.05597207	0.62690381	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14655243	1.40052692	1.6068095	1.1380357	1.52922024	1.00E-04
0.29810286	0.59232953	1.00E-04	1.99016254	1.00E-04	1.2470779
1.85426615	2.1572754	1.00E-04	2.87747564	1.21695864	1.30862675
1.09073493	0.40836194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65593614	1.00E-04	1.00E-04	1.00E-04	1.00E-04	2.41168131
0.89408742	0.62690381	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85981543	1.58663	1.00E-04	1.37172308	1.23957815	1.29655936
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58930403	1.38419451	1.00E-04	0.69313868	0.13427639	0.53054394
0.72314841	1.35144105	1.00E-04	1.75123893	1.45488977	1.55694578
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.08334851	2.21701559	1.00E-04	1.31152752	1.87940378	2.00686819
2.92989856	3.03057517	1.30986649	2.79794776	2.94384288	2.46956593
0.44112676	1.09279234	1.96479434	0.96160122	0.97064751	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22725774	1.00E-04
2.33838204	2.3965204	2.2320249	1.93300144	2.77692554	2.39583331
3.79032278	3.83518625	3.94754722	3.57279327	3.90089125	4.06844031
2.90101992	3.19569638	5.0668358	5.30271374	5.2498342	5.60801926
3.18611764	3.40934071	2.32781468	2.90982424	3.23031286	3.36263599
1.75475674	1.73493254	1.00E-04	2.01628441	1.25845696	1.3691654
3.99173723	4.33404879	4.00133609	4.20617316	4.53612939	4.71660783
3.31724308	2.74846537	1.28316224	6.20648591	2.99510882	3.24139299
1.86571519	1.82481031	1.00E-04	5.49222756	2.74876542	2.68883653
2.37655183	2.74596922	3.2632061	2.2202524	2.15852563	0.57985417
2.36611552	0.57176089	1.00E-04	2.56944685	2.41210036	2.30910208
3.64420913	3.44727401	2.54691313	3.08711743	3.65772374	3.52131235
3.74173586	3.93093637	4.21250522	4.10865574	4.21121327	3.82099879
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48939551	1.16478082	1.87145018	1.9578141	1.87576491	1.5055877
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46104644
4.2090135	4.18625558	4.32361329	4.49659895	4.76838582	4.35287717
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.08224039	2.96733206	4.33769919	4.0313414	4.14227209	4.40467166
2.73276721	2.77006296	1.8503227	1.28397276	0.84849416	2.18335871
1.93769727	1.55322962	1.00E-04	0.76825397	1.08019837	0.48971388
1.00E-04	0.62999079	1.00E-04	1.00E-04	1.00E-04	0.38032321

1.00E-04	1.00E-04	1.00E-04	0.52138741	1.00E-04	1.00E-04
1.00E-04	1.19822435	1.00E-04	1.43420988	1.3896159	0.93414677
1.00E-04	1.00E-04	1.00E-04	1.99532108	1.41554465	1.93021378
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62080191	0.92769294	3.72941704	4.37114019	3.22483874	3.19096569
3.46072249	3.3707835	3.31629791	2.55305835	3.09603153	2.92827269
2.87653207	2.94985993	3.02288851	2.36589594	3.0057957	3.06434764
6.30577098	6.18605088	5.84214989	5.98520268	5.76959436	5.79248986
1.00E-04	0.56368347	1.00E-04	0.43961201	1.00E-04	0.64556232
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.01249777
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33647818	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14389261	1.54021358	1.00E-04	1.00E-04	1.02830441	0.90585973
4.45702781	4.36589139	4.08878154	3.48382915	4.69460005	4.60260938
1.83667002	1.78067788	1.00E-04	0.93779755	1.00E-04	0.62204603
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64176485	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.31439322	1.97160884	3.24402946	0.69241499	2.404365	1.08338511
2.6525158	1.96274641	1.30789632	2.0242102	2.36638745	1.06103848
0.94259071	1.00E-04	1.00E-04	1.00E-04	0.63771785	1.00E-04
1.43686494	1.78653545	2.68175168	2.98406273	2.91899027	3.03602553
1.00E-04	1.00E-04	1.00E-04	0.84046693	1.31764813	0.51190606
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.78559119	0.57479248	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92197128	0.91957344	1.28609943	1.97672537	1.03943222	1.60359501
5.62359456	5.69869178	5.74033475	5.28925494	5.23427056	5.42582746
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.75199401	5.93824649	4.46177155	4.58602189	5.44167899	5.40672684
5.62111867	5.73756614	4.66027907	4.60956327	5.3741948	5.32987308
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63252234	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.07621696	1.00E-04
5.62049677	5.68796549	4.8990312	4.83298974	5.90850464	5.66483504
2.15331772	2.14412769	1.38754516	2.60354679	2.52500632	1.8950697
1.46072981	1.00E-04	1.00E-04	0.89639416	1.38930504	1.29917902
3.2653356	3.52904999	1.00E-04	2.35102126	2.437045	2.52136502
0.86640468	0.65423914	1.30986649	2.09330684	1.5204174	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.54880319	1.38112521	1.06844428	1.70627561	1.54844024	2.40585604
1.1444882	0.61419632	1.00E-04	0.75725904	0.19066734	0.63764861
1.00032682	0.94529038	1.83054554	1.00E-04	0.4338843	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.15557081	1.00E-04	1.00E-04
3.7309636	3.47604757	2.92888912	2.89967509	3.42620266	3.45329854
1.06611264	0.69136595	2.62177423	2.19235122	2.14174676	1.949642
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49392672	1.00E-04
2.25416024	2.65503806	4.19426632	4.05348279	3.8421395	4.46465657
2.88207136	3.16398669	1.00E-04	1.00E-04	0.56508007	0.21329315
2.9581738	3.42933278	3.32660088	3.62915568	3.17874957	3.54271584
1.00E-04	0.61715521	1.83013888	0.60692892	1.2052329	1.57898533
3.02730927	3.64887262	3.96654093	3.34111487	3.63981775	3.49431236
1.00E-04	0.36710226	1.00E-04	1.38673046	1.14710682	0.67633377
0.67785604	0.53738242	1.00E-04	1.31973348	1.00E-04	1.00E-04
1.4505175	1.8409029	3.44459898	2.80480479	3.13879511	3.26321431
5.50884377	5.52576217	6.34826584	6.26017777	6.1374871	6.16598962
5.45000236	5.22679682	2.26969129	3.6781266	3.15043726	2.55557054
5.43927608	5.57078419	4.12690598	3.87551547	4.51749287	5.01453518
4.42371729	4.35207483	4.03811339	3.92789233	4.14667446	4.47014133
2.33415518	1.69009138	1.00E-04	2.18207755	2.10036632	2.61103597
1.00E-04	1.00E-04	3.0785211	1.20949457	1.27580005	1.06749822
1.00E-04	1.59577684	1.00E-04	1.00E-04	0.11579337	1.094773
5.28660103	5.22489124	6.06535111	6.07413662	6.16323733	6.07006291
1.92180461	1.73071469	1.00E-04	0.97176731	1.00E-04	0.70840066
0.56248291	0.95587494	1.00E-04	2.42347778	1.81699477	1.50207168
4.15356523	4.22796571	3.68413165	4.44529205	3.76948654	3.29574256
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.24575289	1.00E-04	1.00E-04
4.96655923	5.11615376	5.30566543	5.16257227	5.20948517	5.16071266
4.61726115	4.28106791	5.13394079	5.19672815	5.27161887	5.31133371
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.53977976	2.32722779	1.00E-04	3.41417829	2.80993977	2.90287664
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53460887	1.00E-04
2.79556624	1.0998169	4.09160323	3.75318951	3.62262113	3.39391147
1.00E-04	1.00E-04	1.00E-04	1.70750019	0.45119077	0.14317243
1.00E-04	1.05299118	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60252178	1.00E-04	1.00E-04	0.76506038	0.79734239	0.78004197
1.80175007	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64993987	1.00E-04	1.00E-04	0.52812965	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.50540032	1.22427324	1.00E-04	0.65153756	0.73654847	1.00E-04
0.66644555	0.48013639	1.00E-04	0.81161137	1.00E-04	1.00E-04
1.43696116	1.8404402	2.49876771	1.88872807	1.77115305	1.99301944
0.92595527	1.31500039	1.00E-04	0.7683823	1.24297087	0.13038568

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72825032
1.00E-04	1.2852372	5.60320289	5.47873781	5.25263661	5.10868638
4.03335373	3.88680471	3.79667288	3.86259017	3.47603348	3.89458393
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33848153	1.00E-04
1.00E-04	0.72542868	1.00E-04	1.00E-04	1.32477734	1.00E-04
1.6053307	1.67334578	1.00E-04	0.73505635	1.00E-04	1.00E-04
0.64434921	0.3972097	1.00E-04	0.59680653	0.85210519	1.29127649
1.4620247	0.73228787	1.00E-04	1.6939942	2.05511734	2.79108862
3.00513084	2.56767238	3.18339794	2.70291671	2.84311495	2.80831402
4.33913636	4.24892337	2.56475999	2.49922956	3.81998578	3.3646306
4.69290183	4.77182911	4.29298573	4.53484692	4.31591909	4.74730172
3.71933136	3.94497573	3.34465147	3.80782217	3.60294978	3.51787081
3.76402864	4.17426905	3.98684981	2.96952102	3.67828172	4.08663123
5.36513251	5.42809543	5.04948701	5.1473948	5.17399815	5.45070997
0.46739644	0.95941789	1.6068095	1.11222064	1.12208095	0.86100472
2.61714722	2.22492715	2.89557995	2.5845649	2.19022289	2.87060983
3.70631022	3.85333265	2.7021465	3.18170994	3.8390441	3.97072547
4.488979	4.4791947	3.8487008	4.53029822	4.42398042	4.74422743
3.87717229	3.70444771	3.72200619	3.75517275	3.8584133	4.22994024
3.84220355	4.09762395	2.46185598	3.07848163	3.95578273	3.86196608
4.0709513	4.02802213	4.24212541	4.46422935	3.93276185	4.36934128
3.24080938	2.59126903	2.53474428	2.30903938	2.70096128	2.99472104
4.82270816	4.52669619	5.34474284	4.86250615	4.60418577	4.72664085
3.18452016	3.40977294	2.97475973	2.44369264	3.43601985	3.84120403
1.75495631	2.03871582	1.28316224	1.43814475	0.9623254	0.85998772
4.74918926	4.62038288	4.07288079	4.36429698	4.32659755	4.42622588
3.0031101	3.46422357	2.42878068	3.45946141	3.70759567	3.41901957
0.79523987	2.1884683	1.00E-04	0.77912286	1.91393762	2.37337018
3.69826268	3.79737047	3.54206972	4.18506428	4.23247348	3.85656354
3.26147988	2.91678819	1.28609943	2.46512462	2.77680834	2.42097565
1.3593777	1.14303191	1.00E-04	0.74471719	0.82930833	0.36146537
1.69681039	2.17987249	4.85479378	4.63576151	3.68333844	3.17414369
3.64362537	3.5635043	3.96376383	3.73030107	3.24436356	3.68517563
2.71171824	2.51029396	2.36712343	2.28793825	1.63284186	2.06675197
3.43738365	3.52698161	3.8188884	3.78501057	3.8479402	3.03609042
2.46260918	2.48137773	1.69861292	1.49838017	2.03917526	2.15640469
7.07498317	7.25902794	6.57552398	5.83795592	7.26283355	7.12375067
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30390784	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.17294174	1.00E-04	0.47983404
2.54410038	2.98259931	3.41211743	3.10487133	3.04051167	3.30413929
2.90593372	2.53609284	3.80495871	4.05809197	4.63326958	4.51431757
3.31121799	3.3187447	2.75695643	4.01122048	4.04417254	4.1074987
2.90878692	2.79970061	2.8336789	2.68641163	2.61461166	3.41275355

3.46646805	3.51742371	1.30986649	2.66986166	2.89559346	3.32442618
3.4776408	3.16392449	4.06493814	3.15512854	3.91664298	3.87933315
2.89338694	3.1949117	3.13118116	3.78262179	3.32505172	3.04082806
1.45289876	1.57319765	2.63884077	2.63580255	2.33318167	2.58484583
3.4142601	3.54238531	3.05427956	2.95860277	3.7931218	3.50258283
1.66809748	1.76858431	2.46820472	3.18272116	3.1459067	3.05365264
2.25375796	2.31617791	1.00E-04	1.9409514	2.22480787	1.67542529
0.55132028	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7120437	1.47320789	1.95516574	1.5073588	2.23200332	1.31627199
1.38519168	1.59234691	1.28609943	1.74500762	1.36767961	2.31579913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.13590461	4.18565326	4.72373666	5.44181334	5.23483265	5.25531359
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.08421616	1.00E-04	0.36946043	1.12454509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.173626	0.82847756
1.00E-04	1.00E-04	1.11518827	2.49552504	0.9768332	1.43662599
2.24638917	1.55934323	1.9520273	1.22356723	1.80685486	2.3950351
3.8487374	3.58879032	3.9957091	2.94614929	3.84680025	3.66337056
4.94951311	5.11917425	4.64334832	4.36642162	5.04462084	5.12449521
1.15189307	0.48013639	1.00E-04	1.00E-04	0.34669369	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.66251722	5.55618693	4.65998513	4.54514126	4.88426573	5.18023204
1.06166155	0.95655603	1.00E-04	1.68145659	0.60733996	1.23158224
3.44476614	3.64442995	3.32496627	4.02441028	3.78455232	3.78166413
2.17468624	2.40863285	3.0320548	3.73683042	3.79639687	4.26821115
2.52055151	2.85481021	3.49766833	3.3644687	3.57066649	3.27266129
4.0209129	3.90393554	1.40283744	3.75570471	4.08678667	4.3478231
1.3362058	1.40044011	2.71245893	2.40653592	3.0650175	3.02083047
2.95705237	3.06231098	3.49571526	3.36064422	4.09706013	4.22850365
4.58871457	4.51790765	3.83251853	4.00214741	4.35733164	3.97442525
4.03550894	3.75339178	3.70184196	4.00684118	3.98959687	4.10599608
4.80643818	4.30796599	4.02448487	4.38876761	4.49595886	4.18624482
2.04570646	2.2414618	2.04595548	1.00E-04	2.02073266	1.99020675
3.70866599	3.13998144	3.97361547	3.63638408	3.26291601	3.13614026
1.00E-04	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2457152
1.00E-04	1.00E-04	1.98685244	0.59307779	2.13714949	1.27347582
2.76980171	3.03429943	2.28302125	2.26089954	2.98547017	3.43470873
1.9528062	2.19268961	1.30789632	1.83063374	1.81007818	1.69145452
2.00894892	1.79054705	6.05609992	5.68010989	6.03370527	6.193891
0.95691223	1.02358569	1.11518827	1.35533879	1.90389261	2.5759219
0.32831434	1.34071761	3.30719496	1.00E-04	0.83160248	1.28522867

2.25569758	2.98026412	3.00981944	2.4392145	2.37470932	3.12259401
2.92668292	3.51818887	1.9733719	2.07423852	3.29660894	3.28437828
4.67098128	4.50735444	4.62960361	4.87883837	4.63525598	4.6512713
4.26823538	4.42844098	4.4458737	4.19915754	4.73449842	4.71689842
4.53401691	4.45085424	4.89586516	4.88468593	4.8762848	5.11028924
4.40267423	4.48754854	4.91636127	4.99535312	5.15594705	4.9431271
3.74336082	3.76050593	3.45391434	2.94056449	3.34516482	3.66965916
3.71036298	3.70851364	3.35372784	4.14530526	3.52161444	4.09711782
1.16851051	1.7245971	1.91181319	2.2540175	1.92523764	2.23489416
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.36949113	2.00273229
1.00E-04	1.00E-04	1.00E-04	0.61072705	1.00E-04	0.70840066
1.13857846	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.34288376	4.21836175	4.14542841	4.00493758	4.0545777	3.94363491
6.36063435	6.18489659	5.39223214	5.21073958	4.86695368	5.27058283
6.1062509	5.76250707	2.58499917	0.66278154	2.40692557	1.56099384
1.00E-04	1.44880612	1.00E-04	1.39069933	0.83641693	0.92154516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
1.81683747	1.19639766	1.98685244	1.83345662	2.22611243	2.71484085
3.53919969	3.36075308	3.43887999	2.99019765	4.01944656	3.92922255
2.42243645	1.54638666	1.06844428	0.6432856	1.54769183	1.02827962
2.35537943	1.97045762	2.79897794	2.97818379	2.62443114	2.5425682
1.84223677	1.37948562	1.00E-04	1.56424892	1.40892313	2.05438076
2.59707089	2.62703121	1.00E-04	2.80830919	2.61377367	2.92682409
3.86486352	3.68969325	3.3061773	3.60602438	3.5001677	3.54101091
4.63066899	4.30065938	3.16586778	3.13566536	4.44263082	4.23515288
3.24075074	3.16239091	1.96479434	1.7570189	2.77185899	2.5741332
1.00E-04	1.00E-04	1.00E-04	0.73505635	1.00E-04	1.00E-04
3.68411485	3.50101646	2.78904741	3.20168363	2.79829972	3.29372885
0.85517888	1.48372564	1.00E-04	0.56657147	0.67698921	1.41706364
3.02757025	2.78845285	3.44489847	4.42259203	4.01234834	3.61896467
2.80093373	2.40505826	2.51559051	3.40281596	4.22423718	4.59109837
3.66178794	3.50149313	4.22637603	3.67495025	4.27151792	4.53500071
3.30887591	3.15872777	4.20804976	3.37109303	3.94193005	3.97748227
4.98355144	4.75283059	4.10033493	4.56283389	4.45881044	4.72106172
4.70973053	4.78230899	3.76848994	3.50835147	3.46260055	3.2842305
1.98649348	1.23702917	3.78448183	4.99010033	4.63213177	4.8737701
4.32130455	4.39775024	4.83533718	4.74212838	5.38233563	5.55244448
1.00E-04	0.46062364	3.76805602	1.00E-04	1.26901477	1.00E-04
2.49349966	2.74143232	3.53218964	3.3764967	3.84119739	3.98603125
1.60235178	1.44667794	1.00E-04	1.43275563	1.76023943	2.19722356
5.49600635	5.74211729	5.65512324	5.57825247	5.33975496	5.23672048
2.09995106	2.86004275	1.30986649	2.99889472	2.3757688	3.10758466

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1826159	0.30047008
4.76184375	4.54421829	5.30611483	5.6182654	5.43248056	5.38289767
5.96915899	5.88294176	5.56456111	5.72303691	5.6953255	5.7823866
6.327782	6.16800763	5.78977062	5.86498139	5.75634055	5.73443303
3.85961095	3.66261221	3.10589961	3.43397771	3.70792081	3.53744938
3.12689266	3.139498	3.39709365	3.28441596	3.41243607	3.90556796
4.89281257	4.52837683	4.68578143	5.06773546	4.56806497	5.1083284
5.68045592	5.89800677	5.45761681	5.38187882	5.34296218	5.55792545
5.95252865	5.78122804	5.52563365	5.97838652	5.88531169	5.80334369
4.04601956	4.0660665	5.58739018	5.40314076	5.31067928	5.39727649
2.96380936	2.79143576	1.00E-04	0.73017762	0.12413672	1.04106735
2.84120902	2.89796491	1.00E-04	1.00E-04	1.49657483	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.45991406	1.00E-04	1.00E-04
2.46193186	3.04035137	2.9848764	2.7373543	3.00521773	3.03121803
3.01724439	3.05093124	2.86908912	3.32904823	2.74857496	2.74517993
2.16978294	1.51606225	1.00E-04	0.54676642	0.68469933	0.13067397
2.76960244	3.27437511	3.48531516	2.8727999	2.98964352	2.51358203
4.02564815	3.95124315	3.4213607	3.94084276	3.72668047	3.69978563
5.52468962	5.49459964	4.7664995	5.16724245	5.35758767	5.28298825
2.76669231	2.8033865	4.80164101	4.3022476	4.50222201	4.53343618
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.52812965	1.00E-04
1.25362428	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.05552577	2.16592745	1.00E-04	1.65550473	1.67024509	1.3931366
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.60184919	3.11038885	2.91125536	3.22195281	2.576968	2.02587374
1.27774759	1.00E-04	1.30789632	1.16247656	2.02338163	2.23739756
4.2357902	4.02917898	3.7910467	2.7830838	3.31243481	3.14642499
0.61152103	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5256597	1.2069214	3.68164688	3.97670526	4.0552532	3.97459699
2.49179329	2.31970424	4.57228308	4.48157172	5.18681872	5.65077067
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.64488457	4.35824934	3.30590329	3.47467962	4.46554867	4.41198787
3.68422491	3.63382095	4.37054949	3.7738969	3.96307331	4.1631572
4.72682539	4.60821587	3.11172574	3.26658756	4.65533675	4.46821551
4.06031322	4.20255201	3.14542305	2.55739682	3.93991642	4.00893424
4.55181556	4.44090958	3.52871728	3.83151343	4.62035093	4.43657212
4.611673	4.56253061	3.31386801	3.64273307	4.48179716	4.46498874
3.96111725	3.7875309	2.6990308	3.16055432	3.95403899	3.68194601
5.20382591	5.03328377	4.68032928	4.0962276	5.43979232	5.03681349
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.80580975	3.84154533	2.17308935	2.90417783	3.56813425	3.82659833
4.03315446	4.15639914	3.43502277	3.21256261	4.16971177	3.97586688

3.88009456	3.91807853	3.21901415	3.06650789	3.93723017	4.28887294
3.54031749	3.12666877	2.62083344	2.58739081	3.29041579	3.42777942
3.65834023	3.3729179	3.44099292	3.54566267	4.14544168	4.12334982
4.1750188	4.03674669	2.38247483	2.83627393	3.93168029	3.48900951
2.49502674	2.82379578	3.12279319	2.67906352	2.55432757	2.42190242
4.05406684	3.89622404	4.27260746	4.35806365	4.23304496	4.22864604
3.24139926	3.62792078	3.28955684	3.21321481	3.89838905	4.12277524
3.64932038	3.70824222	1.28316224	2.7768216	3.31451411	3.27633339
3.39448558	3.08116507	2.80392932	2.09532803	2.53994338	2.85188264
2.56547633	3.02370363	2.30622631	2.2329728	2.73242695	3.18144589
3.5779873	3.95409579	3.07555031	3.3873652	3.78981182	3.60573401
3.64859868	3.27152469	3.18365508	2.61724875	3.73045029	3.18147612
4.47855027	4.72430346	4.30520403	3.74375938	4.75752533	4.83259937
4.30063025	4.2923854	2.49183337	3.51981622	4.18071322	3.86415607
4.14971778	4.22700197	2.23078732	3.18384119	4.16911641	4.04732805
4.95541016	4.99894725	4.18369966	3.9082754	4.77870844	4.78686111
2.3413352	1.37282047	1.11518827	1.60053372	2.30431695	1.69379382
4.27926766	4.48796302	3.71992939	3.33302285	4.29781529	4.00751427
4.00017093	3.92954876	1.06844428	3.11884556	3.83502529	3.57615897
4.23258019	4.19965565	3.76082617	3.41823954	4.88443433	4.85207619
4.24953478	4.05471909	3.6275671	3.24908069	4.50898936	4.43906435
4.37580886	4.19671336	2.49908417	3.18773674	4.50221889	4.1508368
4.56300392	4.43563917	3.39777369	3.77445429	4.51317051	4.16973508
4.35312105	4.13001669	3.54611806	3.19653423	4.2550403	4.27230359
4.54303756	4.49172099	3.00514547	3.77635428	4.62593589	4.34060056
3.74046616	3.54937877	3.46270062	3.2630261	3.4981811	3.67501828
3.77716108	3.64864071	2.70039098	3.15429436	3.72976025	3.64736819
3.76582625	3.56415937	3.20283101	2.54989265	3.65175309	3.84384487
4.61493763	4.59677299	4.42566437	4.62381234	4.66117058	4.56664391
1.00E-04	1.23102405	1.00E-04	0.46085181	1.00E-04	1.00E-04
4.16870256	4.16676908	3.12114172	2.7960499	4.18494605	3.81578502
3.95534729	3.95335333	3.19496635	3.22164877	4.37585347	4.10800815
4.29935567	4.03867172	2.97842912	3.63879981	4.78789368	4.7197695
3.08058813	3.40389675	3.18724232	2.87105303	3.65604305	3.62665867
3.95883744	4.24848225	3.22861328	3.41027232	3.83980117	3.66453676
3.40694432	3.39095741	3.91733617	3.14171439	3.45661358	3.70799648
2.29899329	1.4915867	1.62929637	1.40526907	1.85710725	1.01417168
1.96866747	2.23669368	1.00E-04	2.49444932	1.00E-04	0.61402199
0.63255951	1.50853931	1.00E-04	0.86014803	0.96886302	1.00E-04
1.00E-04	1.00E-04	2.10092533	1.20659877	1.51458926	1.00E-04
1.00E-04	1.24080349	1.00E-04	1.00E-04	0.49981427	1.66969727
3.37549454	3.22114939	3.26635168	3.30028539	3.08014437	2.68107949
3.62342277	3.46853847	3.71849028	3.09167795	3.95982654	3.81208091

0.48712948	1.3569422	1.00E-04	1.93048436	1.85143526	1.91107857
1.78320887	1.89293018	3.74941444	3.60514846	3.55991724	3.45510249
1.59780584	2.02406197	1.00E-04	1.00E-04	1.00E-04	0.16236604
0.1163586	1.00E-04	1.00E-04	1.00E-04	0.4897726	0.15499183
3.27175303	3.13139737	2.89299941	2.89511015	3.21878276	3.22611847
3.68496193	3.8929784	4.65463572	4.38438114	4.44224929	4.52384827
4.79018295	4.81347089	2.25179073	3.66782695	3.12475605	2.41109161
4.77035557	4.8651237	3.77030905	3.78416717	4.61646765	4.33867598
5.59717234	5.39294448	5.73289415	5.79046373	6.15011437	5.7999104
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41267718	1.84266927	1.00E-04	1.00E-04	0.7511167	0.5579205
3.28944549	3.34142174	3.44582927	2.88979513	3.00193209	3.16704275
1.89212086	2.80162696	1.00E-04	1.1713679	2.86218142	2.94338453
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	1.00E-04
4.13209323	4.36600118	4.32072052	4.20566633	4.01030626	3.84634426
3.7702477	3.57670501	4.83350948	4.86598912	4.60781203	4.34752172
2.07942645	2.03865857	1.00E-04	3.53455068	3.17956616	2.65475812
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.98504875
2.77188414	2.36048068	2.22691924	2.74966404	2.92637704	3.17076945
3.51543817	3.65844347	3.4489448	3.58583336	3.32852293	3.30583156
1.00E-04	2.17554129	1.62929637	0.46633175	1.17364885	0.40555046
3.56449348	3.11068401	5.79873218	5.755225	6.01072687	6.28978727
5.48251548	5.26808704	6.33725477	6.283017	6.30551238	6.09920014
2.35686026	1.99500151	1.00E-04	1.67918529	2.22444685	1.32168219
3.60707475	3.66419501	3.82881092	3.89320249	3.69763894	3.91707433
3.09369931	2.70636902	2.32346339	2.83116107	3.50261468	3.62768214
3.34600928	3.36333714	3.28492732	3.39680141	3.23195276	3.64555214
3.30967409	3.46306981	2.8289499	2.97366803	2.98131817	3.26660419
3.35029458	3.03361988	3.49317158	3.06431645	3.13381838	3.51586875
1.00E-04	1.39493164	7.19844173	7.35459983	7.14068168	6.84909902
0.24405756	0.38408963	1.00E-04	0.49689352	0.63053453	1.00E-04
5.18724889	4.93265382	5.06392096	5.12077318	5.30991638	5.3140815
2.08059661	2.41325644	2.37523392	2.70651931	2.70687015	2.10822412
3.8253369	3.72090869	3.47584927	3.08781598	3.47552343	3.34448789
2.6247576	2.29155238	2.68195419	2.65937482	3.16145409	3.04050637
0.86640468	0.91056265	1.28316224	0.2788676	0.16276316	1.00E-04
2.9454141	2.84107651	2.90524702	3.28891717	2.95947932	3.01339445
2.87805673	2.54579717	3.24720564	1.79651961	2.30488962	2.86089837
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56206061	1.0437775	2.83245338	2.36945173	2.43441662	2.8207084
2.25321587	2.33393209	3.1665279	1.92366094	2.60207645	2.2210204
2.07748822	2.41488414	1.42763756	1.72294078	2.33646047	2.22097685
1.79827643	0.75933825	1.00E-04	1.83685888	2.3713756	1.94681654

1.00E-04	1.00E-04	2.48138591	1.31248654	1.89668461	1.00E-04
1.21912954	1.25092961	1.00E-04	1.00E-04	0.22725774	0.49041951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.84040837	1.00E-04
2.80232497	2.34369695	2.31235669	1.94209004	3.11780977	2.36399674
1.00E-04	0.64276374	1.00E-04	1.75825134	1.00E-04	0.12854881
2.70604449	2.75064091	1.00E-04	1.45693696	1.57179777	2.14836942
4.80863031	4.69103777	5.12740635	5.33182159	5.05253612	5.28347196
3.99963959	4.04037829	4.22922604	4.57043242	4.46016494	4.50516214
1.20962855	1.00E-04	1.00E-04	1.16688095	2.22866319	1.30090559
1.00E-04	0.59074735	1.00E-04	0.65562728	1.00E-04	0.70400943
5.43990659	5.37564796	5.58221862	5.57944406	5.59098104	5.69404901
4.06367945	4.38443272	5.17130819	4.93978064	4.65507696	4.6196075
5.01034507	4.93801908	5.34374439	4.92316703	5.32884742	4.9587796
3.08509866	3.06957372	2.91689484	3.05180894	3.13420796	3.21389328
5.71419493	5.82663272	5.8057995	5.80600815	6.07690808	6.11673323
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.15907666	1.00E-04	1.27996271	0.37082421	1.59085586	1.34610736
3.4227634	3.33773254	4.11164115	4.148029	4.18611429	4.25207906
4.35272895	4.1911964	4.2995509	4.77124881	4.90358351	5.12299499
2.76000065	3.77936216	2.39462377	3.26776805	3.5729268	3.67249133
2.88132149	3.24353453	5.3823612	5.36528942	5.3671665	5.59840938
1.18246388	1.47121123	1.00E-04	1.59401249	1.47044571	1.00E-04
3.83112554	3.61823344	4.23297406	4.41434875	4.52504835	4.44748526
3.97621172	3.25320997	1.75472403	2.75517283	3.11223901	2.35906351
0.60583147	1.34243686	3.75352265	3.51763745	2.98957144	3.32625129
5.68143462	5.54989325	6.26042182	6.2227778	5.91709902	5.50543934
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.94764368	1.00E-04
5.1741555	4.49718537	5.96336487	6.04536966	6.23199541	5.70762376
3.93460213	3.54800868	2.98260722	3.31910478	3.97788945	3.4395758
2.1979581	2.37233399	2.26969129	2.05561208	1.69140809	2.21502252
1.77039764	2.53898992	3.7056541	2.92196626	3.05868768	2.40924667
2.47110133	2.22895853	2.01665726	0.63849114	2.61676297	2.17061483
5.25972544	4.70016591	5.73261642	6.49524459	6.13355652	5.48892724
3.67587428	3.08212718	2.77835403	3.05005789	3.44995237	3.6212275
2.22575952	2.57837743	2.41439412	2.64657132	2.37263179	2.73125193
3.90550416	3.89903091	3.99069031	3.84780481	4.03327539	3.92759236
4.58538657	4.37461313	4.57598432	4.38021014	4.53003753	4.45419695
3.04597333	3.10793448	3.38470241	3.64995015	3.34468004	3.59419543
3.53629101	3.46845941	3.26303635	3.30696114	3.34371253	3.62144939
3.4402207	3.64393031	1.11518827	1.93942601	2.54763256	2.85847856
4.36877839	4.34313952	4.25290893	4.17491403	4.27996	4.31664784
2.99620329	3.27441333	3.29098932	2.25520795	2.87008785	2.8189468
1.00E-04	0.56312682	1.00E-04	1.00E-04	1.00E-04	1.66718883

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56131478
4.20672796	4.12573266	4.18698538	4.03232978	4.31529519	3.93792495
3.62391062	3.53940525	2.23238104	2.90774387	2.95919513	3.1603806
3.29634779	3.25202936	1.99302242	1.88211572	2.2052253	2.73142038
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37250181	1.00E-04	1.00E-04
3.59872669	3.71282349	3.57850514	3.67087526	3.51861844	3.91226844
3.04853229	3.15476242	1.81104972	2.42707229	2.57136003	3.0451605
3.96354967	4.1363416	2.63754375	3.2100629	3.96121279	3.8822768
1.00E-04	1.00E-04	1.00E-04	1.22052385	1.00E-04	0.61402199
2.5881006	2.40534046	2.60377655	3.59245084	3.04312699	2.84310599
0.63771028	2.2856143	4.41560568	4.45268969	4.40802074	4.47818352
1.88858546	1.02596763	2.23591737	2.48201152	1.97344846	1.98886559
1.31755229	1.91608777	1.85579326	2.64738383	2.59735639	2.63015502
0.79771092	0.89451126	1.00E-04	0.9039174	1.08053138	1.04511372
3.8171588	3.29812284	3.11360276	3.66830174	3.67016934	3.44868354
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0.35811479	1.29404768	1.00E-04	1.179755	0.71592889	1.2037073
4.63962745	4.67343259	4.97698413	5.48234174	5.1913349	5.33330484
3.12348283	3.28325015	1.6068095	2.43263313	3.10386586	2.18922289
2.55327614	2.6852157	2.43856649	2.25150966	2.75284096	2.83676152
2.58683652	2.30873169	1.06844428	1.43174181	2.42120689	2.0725509
2.78145742	2.80401318	2.5530326	1.59872504	3.01528484	2.99560442
3.03471688	3.05132358	1.70608413	2.85476677	3.1603106	2.98787206
3.599817	4.17859509	3.87101583	3.75895386	3.77716037	3.95409134
2.88984875	1.92752473	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76033547	1.14421167	2.04595548	0.79114471	0.17363019	2.54874841
3.90502421	3.62636496	3.8129131	2.432211	2.85956583	3.30940133
1.00E-04	1.00E-04	1.00E-04	0.99241422	1.00E-04	1.00E-04
5.89965558	5.88055697	6.0234184	6.25788154	6.00978194	5.99425604
1.85771864	2.67674552	1.52319676	1.45467573	2.01750723	1.88375179
2.61097024	3.22148284	3.48525523	2.7278482	3.12583832	3.5671957
1.76002045	1.26218915	1.00E-04	0.15557081	1.45045186	1.30054498
3.45414292	3.7049107	3.57234442	3.50564925	3.7040102	3.49416759
2.11288167	2.09456505	1.01811585	1.50957745	2.80567812	2.59630542
3.01764293	2.77318238	2.16139578	2.3390612	4.12370352	3.27286641
1.09230131	1.06139066	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.52427406	1.00E-04	5.08058699	2.07022927	4.4631953	4.63281913
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31843376	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.61015601	3.69218575	3.52491383	2.95897953	3.46259149	3.66484281
2.99086276	2.70619544	1.6068095	2.67990859	2.76133089	3.04698404

1.00E-04	1.00E-04	1.00E-04	0.764425	0.27564669	1.00E-04
3.12736074	3.11889699	5.30056276	4.87833201	4.70356143	4.95781943
0.95242031	2.02313517	2.33037205	2.62155142	2.02672288	1.83959589
5.2827973	5.33718795	2.26969129	0.96979427	2.29141914	1.00E-04
5.23377436	4.97664315	1.00E-04	1.00E-04	2.46994099	0.9089619
2.39838132	2.30438506	1.00E-04	2.29844572	1.28146295	1.91858286
2.06060181	1.94018683	1.7081747	2.60982672	2.29186576	2.38263155
2.10899331	2.2596795	1.00E-04	0.96247631	2.28735361	2.25630921
2.87555814	2.96002287	2.3069114	2.47972858	3.00211406	2.99634708
4.82250795	5.05606643	5.15581893	5.17356018	5.18312829	5.45297233
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64937513	1.00E-04	1.00E-04	0.54258072	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.59189515	1.70251676	1.00E-04	1.35692751	1.71904339	1.8167286
1.00E-04	0.87276769	1.00E-04	1.25961512	0.99967316	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.56622586	2.42423327	1.40283744	2.4494377	2.72090736	3.05172967
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13427639	0.25940884
1.00E-04	1.00E-04	1.00E-04	0.37082421	1.00E-04	1.00E-04
4.35967283	4.52766313	4.27895788	4.92650682	4.89722055	4.88868749
3.33706999	4.11088967	3.79579612	3.76020671	3.59566704	3.64504695
4.59204984	4.42509618	4.24503834	3.99310106	4.350065	4.64866756
1.78398623	2.27932749	1.52319676	1.77031309	1.59612117	1.76666408
4.81529025	4.73385819	3.37811293	5.21877212	4.37496448	4.52786098
0.86891274	1.41787886	2.00743688	1.5747869	2.22576015	2.10965338
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81863726	1.00E-04	1.00E-04	1.23790887	0.54072481	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.1943037	0.20501279	1.09147835	1.58052302
1.15885294	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.92594064
1.09298992	1.30695497	1.00E-04	1.29995323	0.9586598	1.83114631
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49981427	1.00E-04
0.85764258	1.00E-04	1.00E-04	1.00E-04	0.0905788	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.47549363	0.25940884
1.00E-04	0.74771768	1.00E-04	1.00E-04	1.00E-04	1.18116473
1.89654603	2.59504721	2.08869745	1.76498591	2.70228895	3.19202406
1.76552897	1.96827095	3.0025232	2.83993659	2.81955458	2.89314652
3.88285258	3.55861993	3.58809952	3.89958475	3.81872668	3.92626439

2.82186186	3.05742945	1.89833233	2.1460859	3.24965778	3.14528356
6.47770939	6.62541497	5.71541379	5.09394487	6.53177618	6.3568236
5.2254995	5.24983058	3.52524517	4.01184671	4.8546273	4.86280981
3.38581661	3.50642015	2.67850113	2.465197	3.84097909	3.98833642
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24760841	1.16153411
3.9039478	3.85648763	2.87551297	3.49024203	4.07997479	4.05661806
3.36631323	2.63972981	4.07981082	3.9100702	3.95500924	4.34418712
0.16178697	1.00E-04	1.00E-04	2.15983783	2.5667907	2.29672196
0.96562566	1.96196369	1.01811585	1.50087552	1.7752433	1.88128912
3.28597789	3.58139803	1.84272348	3.78257192	3.57182162	3.87304957
1.62509809	2.60752144	2.31745768	2.50732239	2.38792035	2.7264988
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.32643881	2.92861923	2.75170863	3.40859305	3.3021961	3.08648058
2.92266094	2.78417243	2.91617015	2.93771744	3.36534394	3.44061123
2.33922726	2.22120883	1.00E-04	1.08889817	2.13070952	1.21446633
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.26088955	5.34224985	5.25704024	5.67113457	5.83075407
4.11220326	4.3202778	4.10551779	3.74525434	4.08844246	4.57354522
3.20554634	3.04090114	3.49221354	2.93698317	2.5460325	3.19654086
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43703307	1.00E-04	1.00E-04	0.7683823	0.90705141	1.39112043
0.52523255	1.00E-04	1.46133917	1.9753228	1.00E-04	1.00E-04
3.76265423	3.90054407	4.01369166	4.10479045	4.19055564	4.09832308
2.73811192	3.12238457	1.11518827	1.6513476	2.63263767	2.56974815
2.63460903	2.81160618	1.54304638	1.52485209	2.44173471	2.8213564
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.3516973	3.2673146	1.01811585	2.31458744	2.95597555	2.5206421
3.81247664	3.63192978	2.25617274	2.75825652	3.2248724	3.61111899
2.14006928	2.33007951	1.87145018	1.87945791	2.6433931	2.28895186
1.93420773	2.30069371	1.30986649	2.10279202	2.75664894	3.02847426
1.96774156	2.41897908	1.00E-04	2.92521006	3.52272583	3.3537736
1.58305144	0.6377961	1.95516574	2.07444592	1.96624532	2.14239725
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.76911639	3.91484505	2.64878924	4.21500951	3.99686457	3.6979059
3.29919784	3.43987791	2.97703999	2.87176861	2.88029398	3.17738997
2.34964933	2.83532554	1.60160529	2.3881778	2.86264656	2.82978609
1.00E-04	0.66190635	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.72304345	4.79055893	5.05079913	5.06469988	5.08653193	4.95387894
2.2497145	2.09966504	1.91177822	1.65381155	2.0421013	1.58179795
4.42724544	4.47539932	3.68521165	3.74003779	4.03593642	4.18523362

3.87768505	3.9716281	3.9983172	3.89327854	3.99675969	4.1423086
2.19440145	3.0015304	2.44126892	2.0758019	2.91462035	3.3568125
3.20814641	3.62514147	3.67675414	2.63935592	3.00355505	3.12215599
3.55790403	3.45483233	2.74531971	3.16177896	3.37471439	3.2191691
3.97859969	4.36828388	3.99429491	4.17904405	4.12937621	4.18516287
4.94875506	4.80285258	3.68481061	3.58499777	4.71713431	4.62828695
3.54790636	3.80989564	4.09970091	3.7230719	3.82537984	4.26875399
1.80476798	1.78169349	1.00E-04	1.01811288	1.76741955	2.08312654
3.29172487	2.79181122	3.29774394	3.80598042	3.19614343	3.58295297
5.29761423	5.505284	4.41333159	4.20188454	5.15052362	5.12143449
3.5444686	3.84964863	3.93311563	3.96218576	3.498992	3.83013742
4.45558946	4.71529201	4.8136714	4.53161382	4.42983027	4.42044241
2.44521034	2.72964753	2.31140606	0.29016598	1.63705399	1.36315852
1.00E-04	0.5011611	1.00E-04	0.80662901	1.00E-04	1.00E-04
4.73881944	4.67063088	5.02295702	5.1446365	5.2670003	5.39522685
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88469091	1.30203291	1.00E-04	1.00E-04	1.13481029	2.14407999
3.42240151	3.49466761	2.56651613	2.93828617	3.1584176	3.30455779
2.824118	3.02645175	4.2502683	3.53598614	3.82570188	3.65716791
3.49243093	3.19458537	3.94251222	3.42988948	3.86290955	3.82784453
4.77940078	4.71587211	5.3266599	5.52558848	5.48724921	5.57496107
0.09415495	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43110068	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64152968
0.68166237	0.65068802	1.00E-04	1.00E-04	0.30390784	0.82757222
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.18055175	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.6391028	1.00E-04	1.00E-04
2.22450757	2.33956797	2.44843767	2.26774727	2.74222763	2.17337916
1.00E-04	1.00E-04	1.00E-04	0.97025246	0.60009394	1.20151443
1.37713197	0.56312682	2.29598168	2.46743597	2.63863544	2.01276372
1.37796181	1.39038842	1.00E-04	0.94052863	2.12568912	1.97896708
2.80002691	2.54984483	4.10888029	3.8650398	3.60660501	3.63170321
0.5929689	0.99108095	1.00E-04	0.96867845	0.16448447	0.14317243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.50740098	3.85421377	4.0437313	3.88770131	3.91682416	4.16736928
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.8438918	4.4056306	3.6061437	4.49210787	5.41298437	5.29508954
0.69427906	1.39597788	1.00E-04	0.89953608	1.00E-04	0.69076654

4.8902326	4.97201159	5.11998976	5.10646241	5.12853093	5.33998238
1.81110144	1.97233317	1.42763756	2.32677832	2.34133468	1.96554885
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8007554
1.43364026	0.63220067	2.35247328	1.50401297	2.02310548	2.32318012
2.90891768	3.52890696	2.24945316	3.24004977	2.95120551	3.79573359
2.46659964	2.63641844	3.50827948	3.38929958	3.82342708	3.60505412
1.00E-04	0.56874469	1.00E-04	1.25407535	0.86813859	0.48063511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.65710294	2.67386119	3.01315814	2.76703158	3.0979206	2.53896906
4.28687918	4.42984238	4.5567372	4.50760769	4.08285661	4.39297959
5.19401046	5.36505678	5.08872037	4.6371089	4.99854285	4.84449514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
3.46903047	3.83673691	2.38353833	2.73802501	3.79654282	3.44275561
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.87057004
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.49600825	0.45997381	1.00E-04
0.81156129	0.66862807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.9260152	0.78009573	1.00E-04
3.41795708	3.71189547	1.8503227	1.97654584	2.07756575	2.42481582
3.47353619	3.48848143	3.18538758	3.12146789	3.68447582	3.82656831
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.97093798
4.42647819	4.35813238	4.45537885	4.49981157	4.61867636	4.65615197
0.80221069	1.00E-04	1.00E-04	1.00E-04	0.16276316	1.00E-04
1.60504179	1.00E-04	1.00E-04	0.88523064	1.01683261	1.92349373
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.70120444	1.00E-04	1.00E-04
0.29810286	1.7319497	1.28609943	1.00E-04	1.57270328	1.00E-04
2.73453149	2.11714833	2.28302125	1.91750123	3.04548096	2.63914149
1.62904968	0.87369735	1.00E-04	1.00E-04	0.7511167	1.44270915
4.30873603	4.43580418	4.4819135	4.19935055	4.17008343	4.54229045
3.94413007	3.70450281	4.03526168	3.93515636	4.12292856	3.8249688
3.03316037	2.91118345	2.04080341	2.34610997	3.34016093	3.16771706
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.25428292	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.00E-04
3.29431184	3.62426594	3.83735159	3.48425185	3.49512766	3.98680088
4.61029602	4.80143549	4.34687773	4.20098721	4.35869544	4.43772704
1.86139107	2.24424168	1.00E-04	1.00E-04	1.72019641	1.61894942
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.26157641	1.00E-04	0.8818268
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49814014	1.00E-04	1.00E-04	0.91029899	1.00E-04	1.00E-04

1.93181563	2.21398142	1.00E-04	2.14929099	2.84851775	2.62705944
6.2159815	6.09079393	6.76242506	6.82408893	6.52540873	6.43253741
5.0519292	4.89742705	4.98020242	5.1118372	4.85141355	4.94245854
2.40676475	0.96467999	4.15427145	4.60955666	4.16422284	3.11494516
4.51651746	4.13282187	4.41334656	5.1535702	4.9928997	4.25281068
2.82161327	1.86127187	4.40847803	4.5966476	4.51583796	2.87816275
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65519325
2.63427887	2.65177279	3.00208245	3.4261821	2.90570294	2.66952159
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45780763	1.55153152	3.25315649	1.58990077	2.34487734	2.11607243
3.40784207	3.53331699	1.98448885	3.03330994	2.88497396	3.026543
3.20075748	3.24667275	2.37366532	2.54737162	2.7935629	3.36810267
3.69727715	3.87779434	3.7154739	3.68856813	3.76700399	3.82638893
1.00E-04	1.00E-04	2.58499917	0.46633175	1.00E-04	1.00E-04
1.2808064	0.53731025	3.04064811	1.00E-04	0.45995863	0.24928507
4.34985047	4.71418549	4.30207419	4.67731418	4.51579874	4.72625923
3.56055032	3.49338268	2.27374227	3.28596721	3.68792829	3.88308916
1.81456836	1.70627992	1.30986649	0.71219483	1.4157909	1.16028109
5.00958588	4.9747086	4.4700657	4.835663	4.75449184	4.70608631
0.54572308	0.43600786	1.00E-04	0.71417168	0.89804566	0.9089619
2.03308692	1.84111831	3.25928426	2.58878396	3.01956088	2.24412922
1.09768883	0.95537337	1.00E-04	0.81960177	0.0905788	1.00E-04
1.56043508	1.94875875	1.00E-04	1.03555863	1.54856423	1.60921648
1.00E-04	1.00E-04	1.11518827	1.34962082	1.85278922	2.13250434
5.7889358	5.73148649	5.38439506	6.18771753	5.95420905	5.75470806
0.47900737	1.989923	1.42763756	0.46633175	0.39776263	0.97762673
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45228912	1.00E-04
1.9795121	2.83688177	1.81104972	1.66868623	2.70538701	2.8162037
1.19814906	1.71727656	1.00E-04	2.39070815	2.2103381	2.74141301
1.00E-04	0.67284418	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.27548041	1.40418703	1.00E-04	0.14912336	0.93193785	1.15046638
1.63893873	1.23011788	4.49564348	4.18265982	4.37334562	4.5146511
3.3998411	3.03869555	3.71023533	3.79765394	4.39086002	4.01576673
3.9793228	4.33365803	2.71314232	2.28565599	3.43826158	3.74184648
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60765791	0.65456396	1.00E-04	0.15557081	0.89650867	0.54828133
0.50857658	1.00E-04	1.75472403	0.39596165	1.00E-04	0.48971388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30661977
0.77467472	0.84355469	2.00743688	0.88914608	0.31970569	0.61402199
5.01840982	4.98496512	5.08287761	4.13086119	5.32098407	5.25143024
5.58958771	5.5103316	5.37575938	5.48957292	5.43306659	5.5596957

4.28663741	4.39738187	4.89675266	4.67453951	4.74312543	5.04516294
5.55022573	5.472934	5.07375344	5.37334471	5.44405562	5.65049762
2.06215364	2.81836451	1.57312553	2.8035208	3.15990989	3.13466857
5.1304772	4.79908427	4.03686669	4.99264387	5.02882204	5.19839094
3.32866487	3.2804237	2.66876761	3.51269869	3.47449985	3.91055677
1.83563063	1.56442441	1.00E-04	2.75215844	2.48155102	2.64313755
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2.84611274	3.12406311	2.16618058	2.75020881	2.90635403	2.98136401
4.95683518	4.99634521	5.2793792	5.38738042	5.45959134	5.41769698
4.238741	4.61951397	4.76898517	4.62262175	4.94120676	4.86123039
5.3602784	5.26405298	5.57421184	5.72203139	5.6246252	5.62945138
3.5117258	3.48167458	2.69858748	2.39443259	3.02860764	2.98270089
3.13420282	3.11728271	2.17237467	2.45774732	2.97298317	2.55659116
2.49916785	2.23233645	1.9150802	1.42372597	2.35253773	1.09773407
4.67218009	4.460163	4.46975529	4.79559607	4.73900698	4.75899052
3.04892197	3.68289482	3.74617663	2.82800521	3.49249257	3.29638812
3.42523042	3.54939826	1.00E-04	3.39184621	2.45917652	2.78065173
2.49345404	2.21894162	2.82404803	2.36436176	2.61480659	2.92389401
2.49194338	3.0437838	2.96170871	1.93080868	2.43606787	2.29974236
3.60598047	3.49010752	4.18732108	4.5446014	4.04451316	4.24710008
1.3689975	1.56230878	1.00E-04	0.97692361	1.00E-04	0.43066061
3.70635923	3.93758363	1.95118444	2.66175483	3.53112994	3.57078065
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.55653387	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.77533391	5.05078672	4.92177144	4.99042914	5.01344541	5.26670726
4.4625191	4.12043779	3.44250472	4.39959104	3.96249705	4.52516705
2.29409991	2.66070075	1.00E-04	2.36819588	2.70571324	2.69921631
4.95527534	5.11033334	4.3317937	4.67588182	4.49354782	4.91749263
0.45390172	1.6081423	3.08276785	3.15057037	3.80974374	3.83650973
2.74034961	2.75624783	1.00E-04	2.06737997	1.36831085	2.53414191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.4494063	1.91713028	1.00E-04	1.56470149	1.78905727	1.38654781
1.00E-04	0.47235434	3.28772558	2.79240878	2.98016453	2.82498276
4.01420228	4.05415844	1.57238317	2.91985754	3.5755082	3.24315473
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.85536837	2.82753386	1.11518827	1.61749136	2.87161974	2.79630332
1.00E-04	1.0678471	1.00E-04	0.49595628	1.00E-04	1.00E-04
2.30547137	2.81422507	1.40283744	1.29256349	2.46038724	1.98003409
1.94281772	1.25940109	2.18505109	2.33704178	1.64905521	1.40674196
1.25255045	0.24251465	1.00E-04	1.00E-04	0.16276316	0.62597232
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74412336	1.32880924

3.24341392	3.02313071	2.11206509	2.72541732	2.71762741	2.90077435
2.43923871	2.33506494	1.01811585	1.3709715	2.41246915	1.69400825
2.606664	2.94541575	3.43206062	2.60006412	3.51400738	3.68398916
0.37284702	1.00E-04	1.00E-04	1.00E-04	1.83967782	0.30913278
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.2062921
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.46085181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65481446	0.45118201	1.00E-04	0.75133275	1.00E-04	1.00E-04
2.35556567	1.84651346	1.00E-04	0.83238257	1.04996848	1.78668377
4.12630816	4.26107546	3.26462086	4.05669884	3.91558308	3.89712785
3.1037216	2.98257072	2.11197681	2.43540875	2.98150702	3.00981323
2.4650578	2.50888845	1.40283744	1.41805399	1.48715131	1.09547838
4.10867113	3.69579368	4.50728289	4.63861961	4.59202599	4.65544262
3.72586958	3.328578	2.17029038	3.64227594	4.20148407	4.08514023
3.98407672	3.50936072	1.75472403	2.23016062	2.15716644	1.09264269
4.83567097	4.82420747	4.7917362	4.85445369	4.87658375	5.11141251
4.61797505	4.45651738	4.12567684	3.89830241	4.48987776	4.48834555
3.03649695	3.13033036	3.11932601	3.19156616	3.32088635	3.42489138
3.11548734	2.95601035	2.46258408	1.97009825	3.15923651	2.40682541
4.38356706	4.55002725	4.40292547	4.14580783	4.33780862	4.66062466
3.004535	2.72748279	2.7797753	1.98382237	2.80553143	2.86863408
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61181453	2.31536604	2.7708691	2.59636167	2.59505162	2.96819591
2.9952871	2.81649549	2.60490724	2.28137367	2.62436193	2.91867177
3.02297425	3.37764902	2.71459598	2.49491988	3.69081839	3.41949223
1.54022314	1.50556208	1.9503961	1.03018326	0.96400647	1.19318225
2.8092419	2.83417348	3.0450756	2.486853	3.44039968	3.73664781
3.37153346	3.54745176	1.06844428	1.81847042	1.86772201	2.64836541
1.00E-04	1.3729657	2.1943037	2.36926254	1.60555104	2.41578295
0.66735066	1.00E-04	1.00E-04	1.00E-04	0.16448447	1.00E-04
2.22241129	2.73774686	2.27519925	0.57756609	1.38228654	1.03558113
2.77540332	3.26287913	2.37413569	2.2015689	2.82460584	2.81675727
3.59838595	3.56395096	2.72164377	2.75993593	3.3889981	3.52837565
2.79354047	3.10464401	2.17137641	1.75259034	3.07115506	2.72454082
4.90666554	4.89868721	4.23763537	4.79897555	5.01499527	5.13548932
4.18428931	4.40028676	4.72819248	4.76605813	4.91804251	4.71027532
3.34570967	3.30228881	2.05395321	3.21271886	3.28680966	3.49827046
1.81139794	1.69519893	1.11518827	2.06444959	2.43164006	1.92407724
0.81402316	1.49540609	1.00E-04	0.41438246	0.50594366	0.20628126
2.43782763	2.98552441	2.44708917	1.72506802	3.18231306	2.9535266
3.31989949	3.72470969	3.46431566	3.48601385	3.58630251	3.46333679
1.00E-04	1.46440071	1.00E-04	0.43961201	1.40369603	1.72684775

3.44598448	3.26813144	3.93777621	3.84952231	4.01212021	3.53604157
4.90237551	4.81856354	4.97540653	4.71146245	5.20816991	5.1415937
1.11729616	1.46714671	1.00E-04	0.86953679	0.62477178	0.35419377
4.24985403	4.51286484	4.93992112	4.97128918	4.53750761	4.80931055
4.99073931	4.99261848	5.17556329	5.4952038	5.49186174	5.46455229
1.86119771	1.75258714	2.43526739	1.83966744	1.91973732	2.42501324
3.72774603	3.83966088	2.97566298	3.43956066	3.52585688	3.66363233
3.49320464	3.73244737	3.77570055	3.55114876	3.38029232	3.70641034
5.12460618	4.82287089	4.53974252	5.47026013	4.85356503	4.60782894
3.44431327	3.25684195	3.36850809	3.15862129	3.67665672	3.25781447
3.61283914	4.03590823	4.60480554	4.04362412	4.27238078	4.32167154
3.37170079	3.2644961	3.92209082	3.71420562	3.68186526	3.41696346
4.02554926	3.72911289	4.47506957	3.90402252	3.73687491	3.87588107
4.04769619	3.98183294	1.00E-04	1.81905144	1.85024774	0.8886554
2.55175322	2.02255218	2.22283957	2.69928471	2.41105459	2.02740451
4.51390575	4.47365025	4.841431	4.52284508	4.69289114	4.78294747
3.28144112	2.79724777	3.30598038	3.00087028	3.29941117	3.56374549
3.38713301	2.9399553	3.23145091	2.591081	2.80773667	2.9236196
2.02647361	2.47114058	1.00E-04	0.41871868	1.49213153	1.90436113
2.26642076	2.29476911	1.00E-04	2.6765459	2.22182391	2.13409001
3.88083734	3.74520471	2.54118463	3.32080781	3.25495053	2.88995127
3.16259683	3.54028005	3.70466623	3.3424708	3.16652721	3.76747605
3.90949298	3.89526134	3.36451528	3.74844934	3.64581482	3.76173087
1.03309975	1.91425716	1.27996271	1.76287301	1.52148763	1.4022123
2.89904528	2.73626678	2.90978359	3.12616314	2.76631936	2.38470431
3.14468763	3.51488076	2.90416975	2.97568588	2.98140764	3.28004977
3.09223194	3.24514293	3.76843397	3.25301163	3.61457806	3.56435657
3.84293861	2.83172596	4.00863274	3.56325359	3.56064688	3.67402043
5.28511557	5.08673699	4.677018	5.24576843	5.05703704	4.98819211
4.50174967	3.9798387	4.37159702	4.32883943	5.52960415	5.47114459
2.51546901	2.33392288	3.12463639	2.59417133	3.21088818	3.33458349
3.88643258	3.61033742	2.43331783	3.77264336	3.81467868	3.58544929
1.71717757	0.79775398	1.00E-04	0.59680653	1.21218744	0.8328095
3.63231364	3.33882375	2.04842855	2.85227562	3.38433335	2.99019176
1.00E-04	0.59418646	1.00E-04	1.00E-04	0.55708232	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.43075068	4.13556104	4.07624926	3.98612665	4.26460699	4.6519236
1.8728704	0.82848589	1.00E-04	0.30764686	1.44358097	1.42601171
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.86532772	1.00E-04
3.52151648	3.21393116	3.13742196	3.58932509	3.79615476	3.77287529
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.1221452	2.01849388	1.00E-04	2.28314578	1.33456889	1.58946314
0.60784988	1.00E-04	1.00E-04	0.95537362	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.30986649	1.4929763	0.81416046	0.60360132
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.02760975	1.00E-04	0.63389895	1.16440535	1.00E-04
2.83086102	3.08927477	3.46808573	3.5149935	3.70318305	4.11612294
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64490035
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.73459624	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27885677	0.14317243
3.45374882	3.02093524	2.16313319	2.44169101	2.56115305	2.54212926
2.16915177	1.96228394	2.65341012	0.83357789	1.52005179	2.00005361
1.00E-04	0.92387651	1.00E-04	1.00E-04	0.87193489	0.96011163
0.35811479	1.00E-04	1.00E-04	0.6902533	1.00E-04	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57907938	1.00E-04	2.03015736	2.12040341	3.34097486	2.80102576
3.5267344	3.69558494	2.66673907	2.90725784	3.53019384	3.46561734
1.28605288	1.42316497	1.11518827	3.44587159	2.80358089	2.63799837
3.03980786	3.40863044	1.40283744	4.75196534	2.91816552	2.16232896
2.30889196	2.94522413	2.59650894	3.87517844	1.20805052	2.46110341
2.0837833	2.17915706	1.00E-04	2.20593546	1.54523138	1.18294184
1.23218748	2.39360454	1.00E-04	1.48586908	1.36736983	1.33309223
6.37727082	6.30779908	5.15759517	5.5230373	6.66901622	6.45597372
3.10861437	2.44901246	2.08421616	1.47083854	2.5242239	2.30969487
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37073618
2.38780268	0.80990746	2.85182876	3.03194132	1.2867054	2.92207957
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.55176112	1.00E-04	1.00E-04
2.19354652	1.83173583	1.00E-04	0.6391028	0.62739879	1.00E-04
1.70594198	2.47218136	1.11518827	1.00E-04	2.18595303	1.98455656
4.34919741	4.59484571	3.7234894	3.93809485	4.33495781	4.28282007
1.00E-04	1.04562925	1.00E-04	1.00E-04	0.74289333	0.65200641
0.75023767	1.00E-04	1.00E-04	0.46633175	0.41954009	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.7413024	0.4338843	1.00E-04
2.00743154	2.77695672	4.00347563	3.84792591	3.52128148	3.61852774
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.86769113	3.11291308	1.00E-04	0.79457207	1.00E-04	1.00E-04
3.55290284	3.12891324	1.11518827	3.22735681	3.48339071	3.07312529
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.30110053	2.96305269	2.31496153	3.40046655	2.97920343	2.90994256
3.36444081	3.31803175	2.33496889	3.02601769	2.85857269	3.13681602
2.8433361	2.86416287	2.56293468	4.0535595	3.6033007	3.42296006
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.28707483	0.96587894

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58450605	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.1679374	3.03890653	2.98680539	3.458998	3.07726098	3.72531904
0.97977992	0.69835557	1.00E-04	1.3140882	0.48497572	1.00E-04
3.41379566	3.79386112	3.2943416	3.78422533	3.51563837	3.74444078
5.15447583	5.18232263	5.18048438	4.81182238	4.77844856	4.89675573
4.64665937	4.83498188	5.31589161	5.48683783	5.34824485	5.48098338
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.15226475	2.34007685	3.07884322	2.94550639	3.37781119	3.65819786
2.03991858	2.33538985	2.73015835	1.50658756	1.66470464	2.16200406
2.07982107	2.43318109	1.01811585	1.27324677	2.47207996	2.15537054
3.18497153	3.35416941	2.00840892	3.25330473	3.37606638	3.07040696
3.01103743	3.20299172	1.00E-04	2.08235633	1.82796125	2.09048145
2.86066449	2.98780265	2.12829077	2.81439247	3.05514288	3.15702983
1.00E-04	1.00E-04	1.00E-04	1.24917646	0.58408879	0.34272783
5.11669101	5.19547847	4.50417766	4.19182059	4.45816351	4.89721855
0.35811479	1.39509496	1.00E-04	0.6717016	0.90966017	0.62848175
1.00E-04	1.00E-04	1.00E-04	1.43575911	1.00E-04	0.9697454
4.8481759	4.71475379	4.76825719	5.06107916	5.05858574	5.22073071
2.00498736	1.79056874	1.00E-04	1.00E-04	1.31416321	1.00E-04
0.33099482	1.2535176	1.30986649	1.00E-04	1.00E-04	0.30913278
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.2476311	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72644607
1.00E-04	0.31765625	1.00E-04	1.25305615	0.41439373	0.99514203
4.23043313	3.47282026	3.97182186	4.1085695	4.7424595	4.36381777
3.05252146	3.40113597	2.7354118	3.40094322	3.48644928	3.54991334
1.27246205	1.00E-04	1.00E-04	1.1233493	1.10238917	0.24433588
1.00E-04	1.00E-04	1.00E-04	0.81392237	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.71689591	4.40678189	5.19465799	5.19963908	5.18223522	5.18829398
3.17429581	2.69961581	2.73403285	3.48736224	3.32686337	2.87439897
1.00E-04	1.00E-04	1.40283744	1.00E-04	1.00E-04	1.00E-04
1.15853878	1.01980258	1.00E-04	1.35853233	0.5046079	1.00E-04
1.57801629	1.53399765	4.52254216	4.34133704	4.2103189	4.39616466
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.37143573	1.00E-04	1.00E-04	0.82727624	0.48971388

2.69080719	3.15507281	1.30789632	1.79309415	1.91788036	1.87742717
0.57907938	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.78031791	0.31765625	1.6068095	2.46532971	1.90378437	1.65730526
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.66641237	0.7228987	0.96118791
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.48832577	4.68063328	3.66932887	3.94697144	4.26580438	4.35405947
1.66279981	1.04947162	2.31674415	2.32513785	1.98565819	1.76417421
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00337581
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37771766	1.00E-04	1.00E-04
1.00E-04	0.63503652	1.00E-04	1.00E-04	0.49544445	0.13067397
3.76864086	3.97406641	2.48995097	2.50686024	3.21265231	2.97486331
3.5303743	4.24476664	4.07791845	3.88093778	4.4453173	4.31304354
2.84768027	2.85842769	2.40739645	1.67669788	2.85173903	3.34492394
1.24827739	0.84467818	1.85579326	2.0806265	1.02247229	0.98758499
4.09603608	3.68630174	4.36223969	4.17365909	4.43913744	4.3179236
3.43270443	3.26069728	3.52770499	3.08894424	3.67240061	3.72972068
4.28293532	4.0645588	4.0515793	4.23228069	4.39117715	4.16818157
3.70328453	3.49590883	3.23792033	3.66111965	3.74881349	3.39442965
2.00312187	2.34438947	1.27996271	1.73406453	1.48053604	1.45689615
2.41872429	1.7696056	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.00601384	3.17401103	3.58904975	2.84060524	2.91039653	3.36546772
2.60939943	2.82026882	1.00E-04	2.26077466	3.01154917	2.73698912
1.31932957	2.43311835	1.30986649	1.02858512	2.41083533	2.16645411
4.29863866	4.36461974	4.20951635	4.15191158	4.34865212	4.49146416
4.10558397	3.67753766	4.35049181	4.33369504	4.57690401	4.66312866
1.00E-04	0.88563595	1.00E-04	0.91883416	1.10293622	0.5579205
1.00E-04	1.82931041	3.26192046	4.50377466	3.13861173	4.28810295
4.80716716	4.5626986	4.93054634	5.35302884	5.49968033	5.21187826
3.58726879	3.81157572	3.23211095	4.20024645	4.36952795	4.32481374
3.53717121	3.53352947	3.57358958	3.6240577	2.95509403	3.78509327
4.84128973	4.39106908	3.54966653	3.97951849	3.29316253	3.54023086
2.26334177	2.57952758	1.40283744	1.96179153	1.89373904	1.30126894
1.00E-04	1.00E-04	1.00E-04	0.56399031	0.18945863	0.70400943
3.15664922	3.25539909	3.46889794	2.68180989	2.35496968	2.99051014
5.91564188	5.76127345	5.48421695	5.75515353	5.76881008	5.69555213
5.58729129	5.42654699	5.37648745	5.2653444	5.17731508	5.3581857

2.60422538	2.69738189	1.00E-04	2.49687926	3.04375094	2.9822927
2.15036935	1.0199925	1.00E-04	1.33401753	2.23876923	1.91314206
2.99250422	3.30396395	1.00E-04	1.9514981	2.8331553	2.90541858
2.69706631	3.40186607	1.87145018	3.31710472	3.2464537	3.47369495
1.72103415	2.05085738	1.49210505	1.63942872	2.12966413	2.08520598
0.66023508	1.00E-04	1.00E-04	0.82011922	1.35559268	1.07048846
3.20991317	3.02475515	3.00247994	3.24394675	4.22671918	4.38292528
2.8388995	3.00308155	1.75318857	2.07943039	2.32136565	2.67333806
1.00E-04	0.44747489	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.31090939	4.57446807	3.8498585	3.41208739	4.65869491	4.54754807
3.76127619	4.03001669	2.02849974	2.55086243	3.75393569	3.70113945
5.27551001	5.29959676	4.28561383	4.6437958	5.06620231	5.10248416
4.21652599	3.97603747	5.01536414	5.11245886	5.25111482	5.45191999
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64548125
0.47462842	0.59074735	1.00E-04	1.45293679	0.45995863	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
2.09480368	1.93393892	2.04874719	2.11666888	2.54390708	3.64258348
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.88624907	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.72579292	3.3047944	2.39008152	3.17330477	3.66202291	3.36008778
1.25219518	1.24404827	1.00E-04	1.87242656	1.55148884	0.61644979
3.53337046	2.52839029	1.27996271	1.97999883	3.46248265	2.13220928
2.99220582	3.04162794	3.60067438	2.64466425	2.61898153	2.86369325
4.01729572	3.99773334	3.69315329	4.21195957	3.37716245	3.69843546
4.3556619	4.5093692	3.57554427	3.80109178	3.40635209	3.75770413
2.92687244	2.93745718	2.88457282	1.9829137	2.1124639	2.51175633
1.00E-04	1.00E-04	4.01299914	4.70778584	4.54394865	4.32208439
3.16764672	3.58285848	4.32403782	4.39977899	4.03096774	4.10610018
4.35722579	3.72719762	2.79117117	3.66500666	4.03139804	3.54233141
3.6197244	3.96979491	3.76183118	3.02722456	3.63083573	3.77443011
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93127485
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.82105023	2.62637567	3.20286317	3.21386552	3.55374858	3.70720502
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40278452
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.90895235

0.55980574	0.67526174	1.00E-04	0.93965872	0.75017171	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.75289907	1.00E-04	0.59363436	0.34669369	1.00E-04
1.00E-04	0.3708313	1.00E-04	0.30764686	1.00E-04	1.00E-04
3.27371994	3.52195881	1.82698984	3.11743422	3.59482822	3.45001653
3.92371736	3.80609156	3.89187222	3.58608804	3.43374014	3.7007369
1.00E-04	0.5280252	1.00E-04	0.71307202	1.00E-04	1.00E-04
1.52671615	1.16340358	1.00E-04	1.40527828	2.29656179	1.28968704
2.5729525	2.60722098	1.68391787	1.08935781	2.36688796	2.38617669
3.95434934	3.78024745	4.40302272	4.45447368	4.4399517	4.46008065
4.88968301	4.7801133	4.79724488	4.83189247	4.36463165	4.71117507
2.69729981	2.10371569	1.38754516	1.04040634	1.66921832	2.83929389
4.70243972	4.49082683	4.79257204	4.96178422	4.63946268	4.72226952
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.74704602
1.00E-04	0.9989809	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.78288803	1.00E-04	5.58109353	5.33664631	5.68456408	6.01011434
0.72917597	0.43809141	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.03194421	4.06121569	4.70570089	3.90224349	4.29699518	4.81940829
1.44549062	0.75874508	1.11518827	0.78025129	1.15773635	1.04532702
1.00E-04	1.00E-04	1.00E-04	0.77721523	1.35911182	1.45797665
2.6969556	3.23813921	3.09734624	3.47712698	3.3462099	3.98805578
0.25942914	1.48664695	2.74112176	1.73502943	1.14741991	2.69794433
2.81500217	2.95374269	2.5530326	0.85455855	1.55788692	0.40957839
2.2021031	2.01645708	1.00E-04	0.91883416	1.82916788	1.02884094
1.44635826	1.21149767	1.00E-04	0.59574527	1.00194255	1.43961225
0.82582478	0.96697374	1.00E-04	0.75345389	1.39161041	1.57416666
3.63306861	3.54001315	6.05996463	5.88350058	6.01279748	6.01799335
0.6593327	1.00E-04	1.00E-04	1.09664793	1.14422332	0.21329315
1.00E-04	1.00E-04	1.00E-04	0.75133275	0.51879861	1.00E-04
3.09776053	3.01041573	2.24726389	0.67885791	1.07072904	1.75668662
2.29057214	1.71916127	1.01811585	1.99994557	2.18731514	1.5104777
1.00E-04	0.58160361	1.00E-04	0.37771766	0.4977315	0.41953258
1.00E-04	1.00E-04	1.00E-04	1.4267927	0.27885677	1.45393198
2.57158043	2.88628595	1.11518827	1.88833492	1.5904776	2.76965228
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.32069076	3.90245153	4.11753841	4.17243516	4.44154429	4.17239633
1.00E-04	1.00E-04	2.81239203	1.02643223	1.22430032	0.63326453
1.41469812	0.72524327	1.00E-04	1.4742155	1.42304588	1.32027331
4.45992565	4.36535731	3.71095333	3.8795738	4.77808074	4.44328522
2.66501887	2.96575371	1.30986649	2.45830112	3.09959519	2.57891796
4.0688236	4.3288165	3.51915516	3.61934253	4.35974845	4.2178143
3.62286472	3.56932146	3.36397895	3.21735431	3.8467274	3.22577626
5.98425632	5.97196208	5.59247572	5.75336228	5.9648077	5.9105052

2.94801466	2.78682095	1.28609943	2.97302517	2.8460839	2.65824088
4.02837608	4.01907032	4.23479254	4.20467878	4.44936687	4.39058788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.98200488	1.84177915	1.00E-04	2.45940325	1.38585615	0.93699778
2.98753497	2.88293004	3.14164922	2.7142981	3.04654456	2.84957566
5.63627433	5.60003551	5.29638179	5.3403957	5.36484476	5.42418116
1.21783915	2.19596515	3.12070643	2.7353248	3.20517641	3.15694682
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.44935153	4.4743759	4.57906044	5.12482524	5.28671642	5.20512984
1.3859101	1.00E-04	1.27996271	1.00E-04	1.04283054	0.56646271
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51044831	1.00E-04	2.56581381	2.15939534	3.03458447	3.15437178
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.46062364	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86580123	1.48968668	1.11518827	2.07286318	1.74196656	1.66146764
0.89690761	1.01147722	1.00E-04	1.61024286	1.45982001	0.59970508
2.73527114	2.46652436	2.38834637	2.04208484	2.27568662	2.12239948
5.67578249	5.56457088	5.81738838	5.66889907	5.74230486	5.69564433
4.09849473	3.92256669	4.14945936	3.83835602	4.38311358	4.40364132
2.99466373	3.08817076	2.82210123	2.47978229	3.79000514	3.93552514
2.76182534	2.63971888	5.48519723	5.40952238	5.31461034	5.5222495
6.11727328	5.85316061	6.46038139	6.80431015	6.43734782	6.5211639
0.7048471	0.91056265	1.00E-04	1.00E-04	1.00E-04	1.87611965
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62918788
2.93466069	3.01740049	2.97086062	2.41669303	2.6899269	2.99929001
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.04796052	3.95076027	4.02251052	3.81552858	4.07819342	4.21568882
4.87549445	4.7059227	4.47867814	4.66046389	4.68636818	4.45041677
2.11789475	2.4102585	1.00E-04	0.88937862	0.83989469	2.04196783
2.47361106	1.75862192	3.56473092	2.58277459	2.76527974	2.96776663
3.62375599	3.26269883	2.61758318	2.31037623	2.95207096	2.54881847
5.7869484	5.77236775	5.6109748	5.28141723	5.41643242	5.51423453
3.53273565	3.52005336	5.61592432	5.65675824	5.55371995	5.82367996
2.40644039	3.05397613	1.38754516	2.81655144	3.30536677	3.22486714
1.00E-04	0.30163127	1.00E-04	1.00E-04	0.42757985	1.00E-04
0.29810286	1.00E-04	1.00E-04	1.23252215	1.00E-04	0.70388641
2.62815478	2.82510391	2.42788323	2.19314929	2.45762554	3.04845006
1.00E-04	1.34750992	1.00E-04	1.56118893	0.47880981	0.56131478
2.4305724	1.46049266	1.9503961	2.3997638	2.53721002	2.13193317
2.48671338	2.63976496	1.75472403	0.65114092	0.24021141	1.82753105
1.00E-04	1.00E-04	1.00E-04	0.25428292	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.08165928	1.00E-04	1.00E-04	0.45622593	1.6002724

4.39725208	4.44261924	5.0042897	5.34646778	5.05330355	5.25635699
3.66799139	3.49747657	3.5357328	2.98195721	3.99084744	3.82902941
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.87984785	2.42562247	3.26149521	3.7934408	3.52917525	3.65116405
5.78941394	5.71422687	4.98601841	5.46495098	5.60930374	5.66115509
3.30812908	3.15223946	3.18370368	3.24447506	3.49293583	3.70559727
3.84688551	4.26543821	3.15914362	3.57097132	3.3682646	3.9779355
4.23220868	4.270216	5.27528497	5.06276942	4.99926071	5.23308326
1.97090737	2.40261839	1.11518827	1.96893695	2.41143121	2.63626002
0.64176485	0.68167976	1.00E-04	1.00E-04	0.83495179	0.30661977
3.51971334	3.48420903	3.62854659	3.7125764	3.39032931	3.53740123
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.70760376	2.17922347	2.97737881	2.66507362	3.3628573	4.05225931
1.87628132	0.97064772	1.00E-04	1.24859339	0.99941846	1.32968166
5.38180312	5.21528231	4.90626381	4.97611477	4.82196079	5.07716528
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.67318726	3.72288951	3.71736187	3.53256484	3.22761791	3.20638478
1.00E-04	1.00E-04	1.00E-04	0.70892528	0.77966267	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	0.30788028
4.01406449	3.69539292	4.70478197	4.49526479	4.380095	4.4644542
0.99696865	2.2229093	5.29823822	5.1802451	5.29085545	5.44221478
2.36161464	2.4320128	2.59228395	2.29735599	2.04776368	3.24151693
1.19415775	0.89557431	1.00E-04	0.56657147	0.49439979	1.23931248
1.41870542	2.13109535	5.35824918	5.03106106	5.35079401	5.66048182
1.89697705	1.72566071	1.00E-04	0.46633175	0.6361528	1.96597328
0.97233302	1.00E-04	2.65802345	1.95431601	2.66064931	2.64032278
3.0383318	3.58609026	3.42322488	3.59991358	3.67206181	3.85581785
1.00E-04	0.48794717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.56283916	4.47506528	4.31591472	5.05644969	4.30346782	4.03218556
1.00E-04	1.63011596	1.00E-04	1.9328895	1.8368914	1.94310738
0.83710512	0.87634654	1.27996271	1.00E-04	0.47975712	1.00E-04
2.38109065	3.0852629	1.00E-04	1.15990753	0.40019137	1.87801602
1.18838822	0.50028658	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.48179648	4.21015981	4.36168621	3.84575535	4.07821954	3.46440495
4.35003539	4.34855671	2.64263943	3.55286486	4.62960074	4.39516488
3.50687252	3.75861765	2.56805766	3.07957278	3.62575238	3.7832478
0.57925322	0.41929553	1.00E-04	1.13198526	0.08158092	1.00E-04
4.40880484	4.52073959	4.22158046	4.19186052	4.16789624	4.47815817
3.60776327	3.61254632	3.14585774	3.31266388	3.22186034	3.16133169
1.84924205	2.36678833	1.00E-04	2.45737121	1.90035594	1.98938329
2.67644199	3.42120203	3.94394581	4.32265956	3.70485332	3.35161588
3.97379377	4.09255659	3.89948943	4.73153918	3.97178595	3.98616993

4.29460214	4.48282805	3.69327419	5.21712758	4.24034644	4.55935042
4.15826518	3.72869064	3.29691922	3.59231482	2.94360907	3.15965331
1.77302854	2.38987023	2.69312138	0.75965039	1.8302192	2.30233289
3.35357833	2.61591992	2.63520215	3.18215883	3.1064501	3.16587558
2.63148674	2.37988139	1.06844428	2.41340151	3.02968429	2.16226847
3.20463986	3.28897683	2.46666596	3.54195933	3.34074364	3.42302428
3.19778292	3.18746578	3.96126331	3.24229582	3.36581367	3.71601938
6.5500123	6.34446711	3.4059863	3.9107411	3.87151927	3.67934436
3.26976105	3.16224956	2.77125937	4.4936874	3.68504056	3.81225572
0.4620769	1.00E-04	1.00E-04	1.00E-04	0.93899772	1.00E-04
0.62778254	1.14238869	1.27996271	2.14537288	1.07215729	1.56192932
1.70296643	0.67284418	1.00E-04	1.70637156	1.65181132	0.13067397
2.20637113	2.30253552	4.59570778	4.64630246	4.76151666	4.85384864
3.34605073	3.54483279	3.53628439	2.51783398	3.39466666	3.40027376
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.96377367	1.41497304	1.00E-04	2.32243114	1.77090557	2.62469889
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27093267	0.32854769	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.6185593	3.87482875	2.82512526	3.93147031	3.17268302	3.4833344
3.2078577	3.45407509	3.99469709	4.37759283	4.23135795	4.58922236
3.19164893	2.99142958	3.25066824	3.89845788	3.13254388	3.12919347
2.57878288	2.98223794	2.34990633	2.94511803	2.52253476	3.04787349
1.92533267	1.73140711	1.00E-04	1.00E-04	1.13678266	0.53054394
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.64315265	1.00E-04	2.12872167
0.75908152	2.14691604	1.00E-04	1.00E-04	0.91591075	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.30163127	1.00E-04	0.49600825	1.00E-04	0.97474713
1.00E-04	1.57252161	1.00E-04	0.87372373	1.00E-04	1.00E-04
3.96964826	3.89127046	4.42582763	4.37284025	4.12543084	4.36693878
3.59710409	3.56560525	3.26542866	2.66978114	2.93078553	2.67392995
2.74115104	3.21686437	2.89025521	2.56883863	2.9208621	3.38780793
3.52636667	3.58344474	3.13066602	2.72540079	3.72016669	3.46557763
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21911936	0.72825032
3.87690191	3.76769094	3.78169246	3.47833273	3.49953587	4.05257907
5.48531941	5.43713477	5.35575907	5.7496214	5.71274353	5.70486842
2.25535709	2.15522014	4.08248126	3.10905192	3.25177207	2.5576706
1.94186207	2.30497446	2.5530326	2.5226636	2.64334269	2.67643021
5.3422407	4.90915858	5.21189356	5.03166863	5.29848492	5.16836238
3.17198524	3.156099	1.85579326	2.15864755	1.91450963	2.12171799

4.37241081	4.4184327	3.76578541	3.34692611	3.25394844	3.68651314
2.16500343	1.62535211	2.85376048	2.50734678	1.19763357	1.62497791
0.7048471	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66397184	2.87721112	2.61167555	3.29286418	4.05333624	3.64818833
3.10236628	3.45832965	3.31411723	3.22427786	3.08383798	3.52402727
4.81763964	5.10450425	3.86983138	3.83830362	4.59981721	4.32698664
4.43879528	4.58467954	4.12270514	4.70705756	4.4547077	4.46097
0.86120425	0.86067462	1.00E-04	1.00E-04	1.00E-04	1.09111398
1.13025294	2.02380767	2.93210507	1.53618897	3.0375513	2.69794538
5.2449318	5.06235878	5.15380405	5.46759232	5.42516276	5.36430228
3.2299305	2.95115855	2.79890489	3.45296636	2.69069657	2.84432105
1.00E-04	0.72342246	1.00E-04	1.00E-04	0.39916426	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49389328	0.48013639	1.00E-04	1.17386419	1.90160172	1.35255762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.79465745	1.38603175	1.00E-04	0.72536601	0.30513208	0.48971388
1.00E-04	1.00E-04	1.00E-04	0.57264305	0.35534378	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.41997733	2.52351789	1.00E-04	3.30511873	1.313566	1.35812304
0.89897669	1.81021857	1.00E-04	0.76506038	1.36120072	1.5643967
1.00E-04	1.00E-04	1.00E-04	0.73505635	1.00E-04	0.73899514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30270558	1.00E-04
1.00E-04	0.62160043	1.00E-04	1.00E-04	0.16276316	0.13038568
1.00E-04	1.00E-04	1.00E-04	0.6902533	0.40665698	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86700902	1.00E-04	1.85579326	1.00E-04	1.50393015	1.23034212
0.17793811	0.32854769	2.31290568	3.03729727	2.42208234	2.55767847
0.47010325	1.00E-04	2.37523392	2.85757208	2.19176566	1.39490078
0.9851367	0.87554855	1.00E-04	2.32400715	2.00242397	2.24882955
1.00E-04	1.00E-04	1.00E-04	0.72536601	0.57885604	0.53612243
1.00E-04	1.58118896	1.11518827	1.94871716	1.1740984	2.09562672
0.24405756	0.34385176	3.22339322	2.68339294	1.74066379	2.15082158
1.00E-04	1.00E-04	1.00E-04	1.61736581	0.60439193	0.60388987
0.9851367	0.6861079	1.00E-04	2.20750986	1.80128517	1.77358785
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.40283744	1.00E-04	1.00E-04	1.00E-04
0.6705468	2.27420254	2.39042884	2.06864137	2.6787606	2.85062989
4.76475365	4.88750847	1.00E-04	2.34371233	2.94577581	3.22309511

4.56220513	4.42507094	4.95165982	5.11945912	4.60589338	4.81440097
1.75889115	1.91481197	2.76026929	2.20027073	2.51526041	2.53901646
1.18185215	1.28892939	1.68194567	1.52031223	0.71099872	1.30738541
2.90034151	2.43064045	2.60926384	3.20506099	2.9432789	3.73786719
5.06060705	4.90787031	5.12517817	5.45312732	5.04152121	5.09185734
2.51148549	2.60556128	2.66593797	1.92267778	2.42469166	2.98388002
3.90814089	3.87624026	4.23241285	4.23389743	4.03530724	4.19119
2.98143985	2.79845898	2.83960221	2.85229206	2.76659271	3.04258835
1.84832065	2.97516654	2.63355518	2.08119793	3.11536309	2.99865943
0.72917597	1.00E-04	1.00E-04	1.69914925	1.00E-04	0.76890723
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.35508845	5.15849437	5.63257462	5.83408443	5.38057636	5.59892354
4.14799744	4.17392008	4.46986362	4.13408938	4.64743864	4.80625196
4.87795144	4.8606345	4.06012779	4.65907996	4.30993031	4.418281
3.04873458	3.47008934	1.9503961	2.60699209	2.39307946	2.50326669
3.52123415	2.95553198	1.38754516	2.70506391	2.98617426	3.08867093
4.45264473	4.40501264	3.96343577	3.83764976	3.99893359	3.83312835
3.91180126	3.88756579	4.40066811	4.51687223	4.18362462	4.45915497
5.65499173	5.51755067	6.56116821	6.80645336	6.58843904	6.51686311
3.63520377	3.08063398	1.01811585	2.33149635	2.67462805	2.64994797
1.93971168	2.50601617	2.0974779	2.60607595	1.82557768	1.92270787
3.96945067	3.84648971	5.80588655	5.95173167	5.84788167	6.20815727
1.62908353	1.00E-04	1.00E-04	0.95537362	0.46040738	0.60566439
1.00E-04	1.00E-04	1.00E-04	1.27465681	0.51689714	1.00E-04
2.57355125	2.51695721	1.8503227	2.48857003	2.77148699	2.44261373
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78739023	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.35217371	2.42789598	1.00E-04	1.00E-04	1.4544827	1.50103102
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30788028
0.47900737	0.94677444	1.00E-04	0.45567567	0.36474392	0.35232833
1.00E-04	1.45595489	2.46682134	2.19266094	1.62942249	0.35948108
3.27341716	3.72340422	2.84126396	3.34399082	3.84535346	3.58630353
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
2.91854467	3.23350873	2.05395321	2.94928587	3.00093314	3.50143538
3.74948371	3.43457722	3.60142438	3.6626003	4.0276711	4.01215009
1.88850395	1.89136	1.00E-04	2.36426274	1.46235259	1.92799683
3.30392009	3.32258457	4.25029636	3.84290429	3.47990182	3.74660105
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.60745015	2.25404665	2.090011	2.38042764	3.17699442	2.9458173
3.36852648	3.68301394	3.33039447	2.98209871	3.60369732	3.27735878
0.4620769	1.00E-04	1.00E-04	0.45991406	1.00E-04	1.00E-04
0.97546385	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

4.7160538	4.79452439	4.26357349	4.07427387	4.31739747	4.44715397
3.50555305	3.51864801	3.46961124	3.08604731	3.49315429	3.36190486
1.13595529	1.00E-04	2.03123029	3.10193466	2.47032843	2.60360772
3.6115519	3.3082465	2.11078021	2.39337416	3.57390905	3.36619269
1.75606033	1.4731606	1.00E-04	0.91798955	1.87396344	1.0800989
4.37271135	4.55119	4.32453804	4.29963049	4.41745664	4.10629882
4.11978908	4.20320386	3.06458312	2.52926145	3.94999983	3.51224303
4.14224792	3.8159317	3.88457235	3.6997106	4.18880435	4.12485741
4.91999887	4.90473406	5.01052843	5.0955232	4.89375709	5.03238955
3.66032032	3.61213815	3.39766144	2.48449324	3.28500915	3.39564815
2.84088956	3.29605666	3.49477584	3.74076623	4.08847871	4.13138019
1.00E-04	0.64993987	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.7083632	2.89686991	1.38754516	2.4379303	2.76927837	2.5851521
1.00E-04	1.00E-04	2.16483827	1.2944383	1.07071084	1.00E-04
1.43992243	1.00E-04	1.00E-04	1.00E-04	1.18076962	1.00E-04
2.64063409	2.3748113	1.00E-04	2.47181449	2.59365776	2.9665837
0.55840391	0.82344747	4.37067143	3.28246179	2.45790878	3.16988917
2.14482784	1.31836682	3.09850177	3.73265118	3.61465176	3.19263392
0.98213111	2.73252252	4.82649127	5.62808318	5.44495799	5.25571538
0.80254522	2.03185033	2.43604581	3.33392399	2.70914443	2.79341796
0.70992966	1.41779875	6.55499595	6.75760387	6.73616111	6.79522288
6.40299272	5.89111118	6.05776003	6.48057395	6.28817219	5.95134553
4.25755291	4.30379426	4.98567801	4.55796712	4.81664627	4.63702087
4.97733565	4.54458952	2.38162051	2.24461179	2.32633098	2.28648481
0.47010325	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.46285913	4.30941445	1.00E-04	1.79168261	1.19969014	2.3994394
1.00E-04	1.00E-04	1.00E-04	2.49976386	1.38433978	0.68083469
0.55880742	1.04057748	2.08421616	1.53814271	0.63769051	0.84637147
0.94841238	0.46921448	1.06844428	2.49802683	2.88603083	3.1408441
1.038029	1.00E-04	1.00E-04	0.76113877	1.7086001	1.31749628
4.06109926	3.981504	4.27661602	4.25201549	4.42434365	4.429465
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.4289491	1.11518827	0.47606859	1.59530586	1.43058827
5.94808349	5.85535257	3.48616341	3.96875679	3.97355979	3.74791295
2.85664735	3.08039586	4.82365789	4.60258466	4.5468863	4.64436115
5.20299174	5.17325675	5.07572278	5.48845449	4.93316679	4.62027459
2.45233539	1.77438806	2.60604244	3.61837808	3.38724369	2.94266746
3.49604628	3.28964421	3.32485068	2.26925686	2.6291853	2.5684736
2.63698441	2.63359691	2.1291165	1.75989471	2.59603202	2.03842516
2.17613896	1.74689669	1.00E-04	1.3119538	1.22980115	1.00E-04
1.00E-04	1.74067267	1.00E-04	1.05684613	1.7609747	1.00E-04
2.63810862	2.7477161	2.81239203	4.02355038	3.55621481	3.7861978
3.73722522	3.16548531	1.00E-04	1.00E-04	1.00E-04	0.61402199

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.07418797	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.37499111	3.44587452	3.10443551	2.21729247	3.30621077	3.32554173
3.50398968	2.7474053	1.68391787	2.25765223	2.93247912	2.95815444
3.71595554	3.61189424	3.48910555	3.64566723	3.71479242	3.51683841
1.58319406	0.65068802	1.00E-04	0.97802525	1.52466816	0.38874354
4.87049289	4.81684996	4.35702972	4.37639379	4.93748792	4.74406923
3.24001049	3.48635891	2.39977116	2.76967454	2.65164958	2.35793423
1.48784208	0.9704284	1.00E-04	2.1584507	1.49367245	1.00E-04
4.58703994	4.0643459	3.17788855	3.28426586	3.96210877	3.74872414
2.10207284	1.83512605	1.40283744	0.59574527	1.53259481	1.84847121
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19191379	0.93758195
3.8987134	4.10686732	3.81723435	3.5210518	3.13025039	3.36430998
1.02986826	0.9568472	1.00E-04	0.79512331	0.73360992	1.62073809
3.24200212	3.34758757	1.30789632	1.91410966	1.88218349	2.11182342
0.09415495	0.69835557	1.00E-04	1.81926043	1.81393069	2.73828213
3.08810633	3.19431189	3.06486409	3.35961783	3.75155395	3.66875594
4.07350794	3.99364294	1.00E-04	0.70547552	3.48307704	3.50305086
1.00E-04	1.00E-04	1.00E-04	0.2788676	1.76963935	1.02417157
1.00E-04	1.00E-04	1.00E-04	1.16373716	1.00E-04	1.00E-04
4.20486093	4.52350585	5.38835638	5.66348741	5.29774307	5.46624617
2.26830253	1.90316587	1.6068095	0.79719725	2.22860763	2.46473319
1.61385408	2.56462286	1.95610501	2.04309975	2.28016759	2.77421471
0.97924452	0.89419963	1.00E-04	0.91885891	0.67345206	0.55949161
4.12966308	4.0328173	4.12345284	4.01144739	4.3075288	4.2478757
1.39070552	1.00E-04	1.00E-04	1.00E-04	0.75670116	1.00E-04
3.17770014	3.52813021	3.27998265	3.342313	3.65713788	4.0240657
2.97325097	3.71526784	1.7310621	2.62880973	3.63621033	3.35233301
5.37721126	5.32013579	4.98505849	5.63454545	5.27940317	5.2781073
5.1009088	5.14444258	5.02907378	5.17660499	5.05868308	5.09199369
3.56002791	3.50979385	3.16385692	3.12512807	3.2248623	3.56742474
4.74092186	4.73608869	4.18500999	4.73392971	4.91333699	5.12595583
3.94400233	4.07139149	2.71897845	3.95115569	3.8254041	3.90593092
2.63044071	2.84114371	2.89139186	2.97697819	2.89941605	3.23100383
3.08483836	2.92322265	3.00040946	2.17706598	3.3886472	2.43757251
2.66740946	2.28983253	1.83054554	2.74082917	2.82460406	2.35650693
1.00E-04	1.00E-04	1.00E-04	0.79830865	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40281018	0.15499183
5.67514984	5.19540821	4.5201104	4.70772443	4.78155054	4.44943604
1.74763126	0.70933252	1.28609943	1.42313125	0.96691921	1.62243042
4.07421687	3.26908274	3.33714407	3.32000325	3.05377443	3.15129373

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26331377	0.55626958
5.01015285	4.82761145	2.90978359	1.16274673	2.05885147	2.71872356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32943408	0.97093798
1.45191809	0.81170382	2.40829397	1.49572882	1.40615936	1.1243101
3.949679	3.89863402	3.20557597	4.50259343	3.31798225	3.66672238
2.0062822	1.68351234	2.47921533	1.32444528	2.33328516	2.82580951
0.47015998	1.00E-04	1.00E-04	1.73453603	1.67768248	1.00E-04
3.50418322	3.67387739	2.58549981	2.83678774	3.45411653	3.302578
1.00E-04	1.00E-04	1.00E-04	0.66574538	1.00E-04	1.49800893
4.97154187	5.20026144	4.97204197	4.89674525	5.00699192	5.27903391
2.89525508	2.2002443	3.58127982	2.55427116	2.75022491	3.53033067
2.62891124	2.17534202	2.97630456	2.15541387	2.50604508	2.94594487
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.14132992	0.9027859	0.87600901
5.20583675	4.74162616	5.40005108	4.9172679	5.13148831	4.79493231
3.50406629	3.76412315	4.92799257	4.57650461	3.38562446	4.24046838
0.63402236	1.19640051	1.00E-04	1.00E-04	0.89740485	0.56091724
2.45782871	2.0748003	1.00E-04	1.99966119	1.32989761	0.5500213
2.87624563	2.93499645	3.42030024	2.8924325	2.5328447	3.41344356
2.24387527	2.42029367	2.1272342	2.11928823	2.26089882	2.09116588
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.74193503	3.3333787	3.63255892	3.10170175	3.65647251	3.46355768
4.46641683	3.99918986	5.67356516	5.60150352	5.46087673	5.03634345
2.42823728	2.60937759	3.31174806	3.31641255	2.93011422	3.46144793
3.46627763	4.0296236	4.44355548	4.39291287	4.20693292	4.62774356
0.32197209	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80970576	1.00E-04	2.32722852	1.00E-04	0.88351579	1.00E-04
2.00828919	2.0066115	2.46172912	1.14840791	2.86129287	2.39871926
4.52599033	4.51773496	4.18016116	3.49843942	4.30983912	4.29954554
2.85697588	2.81617358	3.41704231	2.83159492	2.89121672	2.98156145
3.6710405	3.87977647	2.71585693	3.48468815	3.01653794	3.67226274
2.55251283	2.63454406	2.07842622	2.47096087	2.41563086	3.20179944
1.20375051	1.52945461	1.00E-04	0.49689352	1.44683539	1.48037954
1.8015138	2.35529615	1.84960269	1.11219637	1.92350811	1.8160035
1.00148903	1.08999942	1.11518827	1.0695395	2.07896248	1.9355944
0.41139949	0.53054394	1.00E-04	1.00E-04	1.32365983	1.59791452
3.19575319	3.19258835	3.14925971	3.19635637	2.82576676	3.64893472
4.62200221	4.56926377	4.61030028	4.53761583	4.48224128	4.68718212
3.65300745	3.28844827	3.38911433	3.30752205	4.02282902	3.87638287
1.88560844	2.01332838	1.28316224	2.65044005	2.70491442	2.88649496
3.45680608	3.5332612	2.69056712	2.7876547	3.22421837	3.49041324
3.1248758	3.16616088	2.48736972	2.70076158	3.28364212	3.95559815
3.4819226	3.09247392	3.1630514	3.11087091	3.46881258	3.53378786

1.93710931	1.55512157	1.75472403	2.85501637	1.7556785	2.08510902
1.00E-04	0.92387651	1.00E-04	1.00E-04	0.3163048	0.67523654
2.91495926	3.15864774	3.59583818	3.17810986	3.69544288	3.9112045
3.95842823	3.63504355	3.9969372	3.72647674	3.73598627	3.92123812
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13067397
0.74262013	2.30642619	1.38754516	1.21788654	2.49199575	2.29950047
3.66052713	3.69482163	3.46495504	3.65401446	3.68582884	3.96547274
4.73137076	4.60980094	4.07653965	4.20382335	4.80439697	4.74459726
3.15066134	3.09227504	1.11518827	0.94646974	2.9974621	2.61792195
6.31855056	6.46971428	5.4446425	5.23343382	6.4174484	6.31445741
3.68214794	3.49087373	3.18386335	3.22310094	3.73521032	3.75350939
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.05035542	1.52062444	1.40283744	1.45370272	1.3177638	1.06030172
3.99949857	4.23904177	4.69434986	4.81149331	4.8446781	5.02056239
1.7078473	1.00E-04	1.00E-04	1.61629593	2.67533592	2.30805013
3.13301471	3.39764622	3.49297216	3.0984499	3.8991797	3.30312585
2.28008868	1.4600498	1.00E-04	1.59103323	1.79178908	2.00358451
4.20959462	4.35132078	3.99730799	4.60407784	4.27672005	4.62743279
5.87830925	5.89352726	4.65163586	4.50894396	5.5156583	5.50894564
2.7023398	2.39191988	1.00E-04	2.3347611	1.99013992	2.17915219
1.00E-04	1.00E-04	1.38754516	1.00E-04	0.57703806	1.17590991
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.8300891	3.17037442	2.52453391	2.28462346	2.5101807	2.90138971
0.51186136	0.92884919	1.00E-04	1.16504078	1.10621546	2.5772667
1.54769538	2.12819105	1.00E-04	0.94445806	2.12588792	1.64275728
3.7502585	3.92764727	4.78583051	4.67786588	4.99432518	5.1221093
2.52214575	2.72003779	1.11518827	2.81252647	2.66828276	2.77693831
2.07932607	2.98155785	2.66290634	2.88259716	2.05483084	3.05956225
2.08329808	1.98232995	1.97176871	1.83011647	2.21640532	2.0919581
1.00E-04	0.90118311	1.00E-04	0.77932464	0.39657743	1.56439447
1.00E-04	0.46921448	1.00E-04	1.00E-04	0.50922815	1.00E-04
1.00323243	0.57217101	1.38754516	0.71307202	1.07050108	0.76352188
0.5845187	0.59074735	5.25734759	5.48083605	5.58027154	5.77376126
0.79317849	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2878742
3.29795032	3.50459315	3.94848349	3.49902567	3.93323	3.98142771
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85732459	0.81232489
2.31040506	3.53489563	2.96734363	3.05954946	2.64773636	3.64907527
3.74876779	3.15521783	3.54758851	3.41546557	3.67992379	3.24511228
4.54276083	4.37674583	3.70673276	3.2509563	4.0257145	3.90063363
3.61953995	3.90373916	3.10586883	3.25333534	4.05040072	4.23834642
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.80952785	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.94784119	4.20957311	3.09393485	3.94460076	4.05780701	4.25833365
3.69904841	3.88277017	4.5415466	4.17536576	4.48809562	4.60636953
3.16954183	3.25146906	3.74910502	3.0386139	3.36531274	2.89848588
3.98073485	3.57866855	3.27022253	2.98589171	3.45749041	3.46692858
0.75575563	1.00E-04	2.71261484	3.19905686	2.8871485	3.42950781
3.42543996	3.1968804	1.00E-04	2.12102319	3.04244301	3.02953056
2.77892314	3.02751302	4.15062921	3.58909683	4.16427214	4.4193153
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4595327	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72982445	2.88004735	1.95118444	2.49052198	2.30113075	2.45766117
3.29939916	3.93564702	1.74894376	3.13362124	3.27251062	3.10628043
3.86993339	3.93002007	3.15767464	3.62228125	3.79054981	3.91537475
3.34248696	3.4523413	2.00743688	2.68511839	3.37847632	3.28456221
5.2529572	5.10422298	5.59896863	5.50840936	5.27975782	5.32837672
1.00E-04	1.00E-04	1.00E-04	0.65562728	1.83769189	0.83494736
5.10238857	4.86860122	5.38321633	5.5673165	5.77596438	5.75273036
3.86718766	3.93301353	3.26261404	2.80558826	3.41214404	3.40316167
3.26928938	3.46486108	2.26586959	2.78436622	3.40910295	3.34717356
2.18081007	2.12701412	1.84272348	2.33848931	2.8108623	1.96346346
3.13577786	2.71257129	2.1256519	1.05805794	1.90189894	1.61620855
3.21907809	3.36003993	4.04464233	3.94822257	3.88370295	4.23902077
5.53211501	5.21224486	4.95015044	5.06874546	5.06324293	5.22965276
0.79931889	1.37006973	1.01811585	2.83906813	2.57320311	3.42520437
0.77340534	0.6641313	1.00E-04	0.87265649	1.30728819	0.82847756
1.40186536	0.84410758	1.40283744	1.71373469	1.70551068	0.81869677
3.48363475	3.63303665	4.09910254	3.96509237	3.99658129	4.13480508
4.02716499	3.72470889	4.02289488	3.78880575	3.99209628	4.28368704
4.08683463	3.94577203	3.80327266	4.17208231	3.99829092	3.65120037
3.67235822	3.64770443	3.70871175	3.24806385	3.37289456	4.24432096
1.11705292	0.67284418	1.01811585	1.32500453	2.14949097	0.68539762
5.09889042	5.17567524	5.10923002	5.16089039	5.16554604	5.16827355
3.57195496	3.65744992	3.71017116	2.87327185	3.06890348	3.2032773
3.32810303	3.83658653	4.39700711	4.13452479	3.22014746	3.97678331
5.28361559	5.17780272	5.66923945	5.81486095	5.66003786	5.59666809
4.30771519	4.5635015	3.74607364	4.47816543	4.1326528	4.27605591
5.68686232	5.57172995	5.52434431	5.43042135	5.4200651	5.65683983
1.00E-04	1.00E-04	1.00E-04	0.14912336	0.3340074	1.00E-04
2.87335953	3.0064491	2.77596589	2.02166749	2.72491667	3.16733312
1.13971457	1.00E-04	1.00E-04	1.30416383	1.04057264	1.01061126
4.89227664	4.6820037	5.16949448	5.1858086	4.72547879	4.88124277
3.6686953	3.93880574	2.38754966	2.69066726	3.56356479	3.32364056
3.67688095	3.69949651	3.79930193	3.23101306	3.56631251	3.22768333

1.80433196	2.20516958	2.37434441	0.37250181	2.09123655	2.25576585
3.79880682	3.72794091	4.05377137	3.55085584	3.8308478	3.63594297
1.64243986	1.77351823	1.00E-04	1.00E-04	1.38962723	0.88203701
5.84651508	5.62509475	6.17431628	6.29902187	6.04514248	6.10098641
2.45270877	2.93611228	3.22806831	3.55843326	2.48816191	2.11117765
3.24850527	2.08160157	2.5136162	3.14755058	3.27775065	3.25080613
4.56638296	4.23340376	4.8030373	4.54507357	4.56386112	4.74674886
1.00E-04	1.17346568	1.00E-04	1.41674338	1.75119224	1.19765159
3.63275603	3.37494431	3.82770053	3.18740947	3.61136123	3.81707705
1.27767592	2.07272589	3.43686773	2.7949061	2.37514561	3.07591309
2.10528862	1.83841581	1.00E-04	2.18981141	3.02085348	2.49186713
2.2990581	1.64710081	1.00E-04	2.22199192	3.13637558	2.761582
1.25057726	1.06139066	1.28316224	1.99076418	0.59902423	1.17495567
2.80357442	3.2694591	3.13690073	2.50497119	2.53766132	2.03999953
2.42807398	2.655248	1.30789632	2.09813845	2.23358021	2.65758779
4.98585774	5.14844169	4.78809806	5.30636404	4.6417929	4.43311826
3.98405757	3.94997044	3.50047096	3.49770135	3.75074745	3.32052755
1.00E-04	0.97397869	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.53879765	2.33519284	2.26668789	1.93851592	2.40368352	1.79196406
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16276316	1.00E-04
3.95778149	3.80517424	3.11343939	2.82393952	4.23834369	4.07719249
3.31333189	3.87034246	2.94633554	3.7869371	3.75898821	3.73169524
3.99812584	4.10267355	4.20125754	4.364284	4.19086017	4.3949404
3.90912569	4.31317587	5.07210776	4.81316587	4.99356848	5.4006365
2.16835117	2.54332815	1.42763756	2.28005624	2.92079885	3.0785577
1.2293103	1.61826841	1.78117254	2.31046454	2.2126454	0.31227169
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24760841	1.00E-04
3.23859072	2.83096529	3.19548408	3.14952251	3.54274999	3.64964041
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.40165684	1.00E-04	1.00E-04	0.97687869	1.00E-04	0.4683059
3.51461534	3.17276739	4.34538421	4.0087115	4.27008575	4.27922206
4.35425832	4.24268179	3.25529885	4.1852627	3.59723112	3.55276909
3.92829598	4.40430454	4.44540457	4.70964344	4.55079592	4.86490308
2.91297011	3.35739788	3.89422544	3.39805592	3.62027026	3.55027037
1.00E-04	0.57176089	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.43929971	5.41327001	5.20225688	5.54189739	5.36585744	5.32624732
3.98591202	3.99496697	3.46026511	3.09624501	3.14602768	3.66048637
2.42033403	2.34789869	2.86760527	2.10438778	1.99152083	2.6490271
2.55164347	2.88227979	2.00743688	2.73796792	2.6172183	2.92484713
4.62443282	4.6524781	4.29325213	4.85364643	4.81641499	4.61101371
6.11533252	5.94987804	5.68843788	5.84693921	5.76233538	5.73182413
1.79586507	1.06381005	1.27996271	1.53313139	1.49831575	1.48797747

1.93898906	0.36710226	4.13074208	2.50356196	2.88889148	1.83900023
0.95452565	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.03885129
3.6656579	3.58333298	1.00E-04	1.40739785	1.51247025	1.62643503
1.14698927	0.47235434	1.11518827	1.52200863	0.72197351	1.00E-04
0.86580123	1.89826742	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.65320731	2.09941204	1.00E-04	1.92553955	2.73778275	2.00198115
2.7585666	3.08923456	2.04595548	2.65854535	3.43730684	2.48224088
3.19223175	3.704492	3.28644231	3.20233395	3.33731547	3.68344307
2.59854812	2.74543417	1.40283744	1.49066609	1.59805329	0.51922329
3.73122529	3.86645346	3.1097436	3.37703684	3.49252685	3.65127647
3.46678033	3.49556447	1.92675998	3.82719198	3.67970296	3.88477618
1.6150334	1.56270425	1.00E-04	1.82662842	1.83803221	1.67200737
3.79245459	3.66140876	3.37352238	3.5705137	3.32247401	3.73535832
3.12020588	3.46797486	2.94868528	2.79534086	3.14607763	3.49087864
1.77055414	2.5490432	1.60160529	2.22838554	2.0017926	2.0262537
3.11948267	3.79056702	3.9739042	3.80726285	3.79360976	3.62896775
2.11252602	1.65575196	1.00E-04	1.37525931	1.31642267	2.1240388
2.28274097	2.94529507	1.94749921	1.62812193	2.8467286	2.81992402
0.90089469	1.68964376	1.00E-04	1.92513074	1.28787364	2.01441652
1.37188954	0.69392408	1.00E-04	0.79512331	0.77183158	0.29591257
3.02251356	2.7188056	2.8075814	3.27872127	2.90119536	2.91557822
3.03128317	2.71314908	4.23858642	2.26812919	3.06211011	3.18524716
3.92864453	3.97898522	3.55111392	3.79848753	3.92675977	4.32537897
1.89673294	2.00513776	2.36102084	2.2106036	2.23198325	1.94544597
0.90344878	0.97259361	1.00E-04	1.00E-04	0.79392443	1.00E-04
2.82547303	3.18827967	2.24136132	2.29737459	2.71125813	2.9662509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.68583034	1.00E-04	0.67915539	1.00E-04	1.00E-04
3.90460934	3.69495064	1.11518827	2.48812619	3.43061152	3.5573925
0.50369671	0.57965788	1.00E-04	1.00E-04	0.61749663	1.06524898
0.3507993	1.29124757	1.00E-04	1.72513971	0.83160248	0.72644607
4.91208463	4.71419196	5.27437295	5.3813051	5.08905742	5.18202917
4.17561162	4.3373456	4.4946572	4.38212448	4.24304366	4.49734664
3.33087633	3.32566021	4.488613	4.8157821	4.75869943	4.99606651
1.00E-04	1.00E-04	1.00E-04	1.05832541	0.17279347	0.9134032
4.38136032	4.41581236	4.55911707	4.63558348	4.28500067	4.33169693
3.15777603	3.33281135	3.84952289	4.32594814	4.04552787	3.91716875
3.64928786	3.90135246	6.14222123	6.18414922	5.99584916	5.95245478
5.41299506	5.5619292	5.07897411	3.9615914	4.50630217	4.50680297
3.96632366	3.89482146	4.24342749	4.23456517	4.26638708	4.34062869
3.3034198	3.30668862	1.84272348	3.09050272	3.20049842	2.98885249
5.38272097	5.4562052	5.62580219	5.98723405	5.47872624	5.44553232
1.96672273	2.52029832	2.50532086	2.71601902	3.12043102	3.16436734

1.2547779	2.50081764	2.47623607	4.12305707	3.71147993	3.92171884
3.27011783	3.15485644	4.14441381	3.37089268	3.71684363	3.25827245
5.74598636	5.79887466	4.93049932	4.44095161	4.71939559	4.77663216
2.7892744	2.91232395	5.95126209	6.12496428	6.35400924	6.35783886
4.20282093	4.15218115	4.65622095	4.85384153	4.73387851	4.73459893
2.32487097	2.14387465	3.76679386	4.01320771	4.49310648	4.15238793
3.26032348	3.01108589	1.11518827	0.37697046	1.51602502	0.95183378
0.47232616	0.63854789	1.00E-04	1.00E-04	0.11783267	1.00E-04
2.88509928	2.67247291	2.53521624	2.05740005	1.8804705	2.15476889
2.38610093	2.411232	2.76758465	1.64801793	2.52693357	1.9392976
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.46266391	3.67129708	2.68846353	3.01014454	3.64883283	3.65475316
2.88558436	2.98215197	2.91022154	1.98014643	3.07414652	2.33587002
2.96173286	3.23313942	1.67979948	2.45473707	2.93498562	2.75808178
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.93239944	2.83602327	3.63012911	2.51624579	2.55412388	2.52461862
0.51044831	1.01430436	1.00E-04	1.00E-04	0.6314521	1.00E-04
6.53967231	6.44859245	6.19033169	6.4629669	6.3169228	6.38060549
3.40332674	2.9885859	3.97690572	3.49579846	3.62586511	3.91499805
3.18766572	3.28618465	1.52319676	2.78276926	2.49340434	2.88308209
1.66457221	2.05065738	1.27996271	2.3541954	2.63727431	2.8142258
0.27093267	1.59787107	1.7257134	1.83553122	1.32845424	2.02946142
4.13569604	4.39684461	4.5719821	3.81799666	4.00048365	4.47489779
1.56564854	2.24293498	4.68376609	4.78993898	4.63955081	4.5753271
2.63152101	2.77173147	4.16585706	3.59774745	3.83606366	3.53580519
2.36258857	1.37678293	1.00E-04	2.01003347	1.68480499	2.42248822
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49313346	1.00E-04
0.56387254	1.00E-04	1.00E-04	1.2778664	1.96344295	1.70026844
1.00E-04	0.96039778	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.42755698	3.29846596	4.24944803	3.82227178	3.94061325	3.95461064
3.52167954	3.54033242	3.11515835	3.01321069	3.80956404	3.68377485
4.03725407	3.72957037	4.40637528	4.26433189	4.36653661	4.52825203
4.45449186	4.3195074	4.13863892	4.57211434	4.33298528	4.35106323
7.73061793	7.63402717	4.93876833	4.45659917	4.84187035	4.58108246
2.34005519	2.8833766	1.00E-04	1.41245387	1.36357267	2.17811175
4.0345058	4.2961421	2.55825568	3.67100161	3.79082109	3.77800004
1.36027858	1.00E-04	1.28609943	1.07424496	1.52149325	1.05967315
3.26918348	3.31906397	3.70050219	3.20164413	3.17048935	3.73157441
0.46739644	1.00E-04	1.00E-04	0.86473302	1.00E-04	1.00E-04
1.21756204	1.43277842	1.00E-04	0.37325883	0.27791277	0.76989031
1.00E-04	0.9847165	1.00E-04	1.98026188	0.60223233	1.40628128
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.70792238	1.19570574	2.08421616	1.96425958	1.31970565	1.47990194
4.87982121	5.07929093	4.72283851	4.95366712	4.81500148	4.93895985
2.28377469	1.61134388	1.30986649	1.10026285	1.84696263	2.15750814
2.60628791	2.9972044	1.01811585	2.69850007	2.63897389	2.82367827
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.98504875
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.72685454	2.04988546	1.6068095	1.57029251	1.66561374	2.3984288
1.69086395	2.56567289	2.65654069	1.00E-04	1.86552347	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
3.67324971	3.77230585	1.00E-04	3.0322008	3.24577131	3.10446319
1.00E-04	1.00269796	1.00E-04	1.00E-04	0.3278193	1.00E-04
1.00E-04	0.78691146	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.45495213	1.11518827	1.00E-04	1.00E-04	1.00E-04
2.89389788	2.28358383	1.00E-04	3.28399412	3.87625711	2.96340754
2.64408295	2.99369774	3.91368697	4.01273053	3.9329307	4.1557626
2.19598397	1.64553698	5.04805878	4.27341169	5.00761309	5.13455084
1.00E-04	0.6463312	1.00E-04	1.00E-04	0.41749904	1.00E-04
4.37893781	4.23154132	3.67369259	3.65538328	4.35492068	4.48775278
1.00E-04	1.00E-04	1.52319676	0.4266763	0.45001236	1.00E-04
4.34447663	4.33867564	4.1085657	4.22781113	4.56618566	4.70585829
5.45186385	5.31106106	5.03403959	5.50875299	5.37227939	5.70178835
0.60507862	0.65510607	1.00E-04	1.35435199	0.83495179	0.90862721
4.03539321	3.91171923	4.43938447	3.87590699	4.1439554	4.04611292
1.06915088	2.32059863	1.38754516	1.03458526	1.26533253	2.60097789
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.58686363	1.7566381	2.63023335	0.59363436	1.23720128	0.74704602
0.44406439	1.095261	5.88105009	5.7175124	5.56962133	5.93842858
1.1468333	0.72342246	1.00E-04	0.14912336	0.73301358	0.54147455
3.12741561	2.08259932	2.12966099	2.68472	2.91703115	2.74965297
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.42045686	3.05062468	2.97016767	3.41029476	3.87155545	3.80169492
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64496235	1.00E-04	1.00E-04	0.0905788	1.00E-04
0.98234406	0.72677262	1.00E-04	1.59298241	0.74919282	1.29755276
1.41391864	1.00E-04	1.00E-04	0.37250181	0.41030232	0.15671146
1.00E-04	1.00E-04	1.00E-04	0.61001117	0.66694363	1.00E-04
2.16386015	2.96146045	4.85119992	5.06894971	5.00247447	5.33127102
2.07594968	2.08056967	2.54737597	2.53580559	2.75005081	3.1931563
0.17793811	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75315821
0.69016855	1.00E-04	1.00E-04	1.00E-04	0.3883143	1.00E-04

2.31687702	2.15457264	2.80860781	2.99534139	2.60199188	3.30744357
1.65315226	0.40836194	1.00E-04	0.15557081	2.03028879	1.05641999
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
3.78854874	3.68456499	3.2447026	3.74697674	3.65538314	3.80862153
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.21701665	1.01323802	1.00E-04	1.61028022	0.6615498	0.57696471
4.83149728	4.80924843	3.63809341	4.24796799	4.56799298	4.72312714
4.07619199	4.23273614	1.00E-04	2.5873709	3.45252844	2.75597086
1.00E-04	1.00E-04	1.00E-04	0.72536601	1.00940174	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37771766	1.00E-04	1.00E-04
5.13551096	4.72295296	3.48289226	4.87733996	5.14146511	4.32719198
1.77537576	1.32289509	1.00E-04	0.96231752	0.5407129	1.01379944
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.16399061	1.86894563	2.72416363	2.95000357	2.95068739	3.06544924
3.66752549	3.07012401	3.4369708	3.41206684	3.58609131	3.88644305
1.70953692	1.51576972	2.72666506	1.93117366	2.30776527	2.3357131
0.6596661	1.53736516	5.73462636	5.79660995	6.08431372	6.45914778
2.66256813	1.86078238	2.0171009	2.26344964	3.20978244	3.33657142
2.96068819	2.66356045	1.42763756	3.39935718	3.77362676	3.84311071
1.26662567	1.00E-04	1.00E-04	1.00E-04	0.86942294	1.00E-04
2.27071779	1.89904155	1.00E-04	0.84356057	2.09322949	1.75424038
1.03496757	2.57947097	1.00E-04	1.78948423	2.25748878	2.08720787
4.33176305	4.66983428	1.46133917	2.28614004	2.17382255	1.88769026
3.20665476	3.8005593	4.60620934	4.22881421	4.03892899	4.8750854
0.89698743	1.87640118	2.04595548	1.62914429	2.02318062	2.83313043
0.53888819	1.00269796	1.00E-04	1.52651728	1.24204861	1.00E-04
2.12946292	2.35989257	1.00E-04	0.37771766	2.11347035	2.20186175
0.74427313	0.91070145	1.00E-04	0.49689352	0.21911936	1.01421476
3.01315073	2.59084482	2.63521076	2.5709335	3.02881308	2.97276768
1.58974016	1.91192507	1.00E-04	1.46641814	1.46778918	1.3215152
4.16447948	4.32293017	1.74110187	2.49738994	2.58226699	1.93117448
5.22285635	5.25350475	6.09810686	6.18901733	6.00849419	6.14089619
0.9893065	1.27688474	2.3824664	2.1209377	1.44782576	1.59550857
0.94114725	1.00E-04	1.00E-04	1.00E-04	1.02050576	1.00E-04
2.69896955	3.50694168	6.10294371	6.48780961	6.02178152	6.13013161
5.76431706	5.63599189	5.86859847	5.74552245	5.4079072	5.36291719
1.5331252	2.0347238	1.6068095	1.64097463	1.44830063	2.3731586
2.84144184	2.46589234	2.84720812	2.46157488	2.69608801	2.35436336
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19191379	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.34620316	2.76353498	5.77170275	5.95481446	5.87642225	5.93819368
1.53081478	1.56350438	1.00E-04	0.70117394	1.2037908	1.11043619

4.58176562	4.63225308	4.87985664	4.72943684	4.90026441	4.92041043
0.09292159	1.00E-04	1.00E-04	1.00E-04	0.27108341	1.19809148
1.76046656	1.46001948	1.38754516	1.57523439	0.57479248	1.00E-04
1.00E-04	0.30433976	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.40511714	4.37524423	5.41924355	5.18306133	5.19571826	5.48372522
3.20621152	2.31460665	3.54029464	3.39762936	4.20293176	4.19306481
1.00E-04	0.46921448	1.00E-04	1.08889817	0.66694363	1.00E-04
4.23466094	4.30144453	4.43600727	3.96403103	3.6104794	3.48622241
5.16367256	5.32826904	5.62214551	5.92057437	5.4921289	5.34272547
3.07556853	3.14164096	2.5493711	2.96373954	3.18047916	3.04400531
0.56325428	1.00E-04	1.00E-04	1.64572645	0.64242031	0.864288
4.54152597	4.73868249	5.23973387	5.46053309	5.37997256	5.17733051
0.44837254	1.03025416	2.33426252	2.49989295	2.27266999	2.82202659
0.56875798	0.92033066	1.27996271	1.35226441	0.97665438	0.90726669
2.00912666	1.27681257	1.6068095	2.13256035	2.32503219	1.72630132
1.42719836	1.08884456	1.00E-04	1.86913181	1.53047479	1.06342816
3.69021978	3.5896115	4.28416952	4.36795187	4.10405162	4.25977868
0.5845187	0.36710226	1.00E-04	0.60263629	0.3340074	1.00E-04
3.02094721	2.77157279	1.00E-04	1.00E-04	0.85869782	0.49041951
3.43659631	4.01031207	4.1375065	3.86520995	4.33383243	4.70150734
4.72324961	5.08622721	4.57199641	4.24002315	3.47021758	2.72984306
1.95133355	1.9005251	3.85909776	3.03872613	2.75496067	2.89151665
2.38599001	2.63395331	2.17829748	0.82673555	1.17674019	1.78547311
0.86640468	1.00E-04	1.00E-04	0.84528238	0.94494216	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.65123185	0.49318132	1.00E-04
0.3786425	1.00E-04	1.00E-04	0.57243387	0.41954009	0.79800572
1.00E-04	1.00E-04	1.00E-04	0.44891413	1.00E-04	0.98565474
2.69318087	2.32039084	1.52319676	2.04578903	1.82068911	2.22626023
0.81455276	0.59560932	1.00E-04	1.35220939	0.16276316	0.95405473
1.07144524	1.24031356	1.83013888	2.46553616	2.76438709	2.88926221
0.8682204	1.54028056	1.00E-04	1.00E-04	1.30667697	1.26113058
3.42968104	3.59334902	1.73497509	1.60914299	2.94139313	2.65063434
3.63441555	3.9312895	3.44320168	3.74204149	3.57529228	3.65462354
4.01157283	3.84416938	3.776546	3.74255698	4.3704996	4.28111188
4.35799419	4.09884781	4.59006018	4.36898841	4.04093105	4.1642637
1.15869833	1.75606034	1.00E-04	1.00E-04	0.53746607	0.46873513
3.08449761	3.58569748	3.02941907	2.30454239	2.6830823	1.95911438
2.83786183	3.17154232	3.23829623	3.05732842	2.79885723	3.36686179
1.08887481	1.84534767	1.00E-04	2.83447176	1.98018825	1.60878885
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46104644
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.65889979	3.7741212	2.48240349	3.53783093	4.37625344	4.3268114
1.76778071	2.15699332	1.00E-04	0.15557081	0.69210797	1.70594913

1.80753042	2.94503886	1.85807109	2.49609219	3.38112154	3.32997026
1.00E-04	0.81283922	1.00E-04	1.00E-04	1.23265735	1.9658913
0.44112676	1.00E-04	1.00E-04	0.68446324	0.15137331	1.00E-04
2.65282015	2.54280969	2.69164085	2.91494652	2.57896573	3.10059531
0.91842113	0.85664929	1.00E-04	0.77555202	0.89084492	0.96731294
1.95390192	2.34751565	1.91285577	2.5411564	2.76495129	2.40118815
1.24966953	1.64746276	1.46133917	1.52923566	0.97398048	0.88457596
0.51731848	0.64496235	1.00E-04	0.25428292	1.00E-04	1.00E-04
1.00E-04	0.65326668	2.08421616	1.00E-04	0.90033514	1.00E-04
1.74713439	1.3623252	1.00E-04	0.7683823	1.85773492	1.00E-04
2.01772076	1.68800618	1.28609943	2.3004929	2.67265892	2.30565928
1.62316531	1.00E-04	1.00E-04	1.71144183	1.57238599	0.63956932
1.65094116	1.73499718	2.39042884	1.59913599	2.43776598	3.10007866
4.90173681	5.19190102	4.0772083	3.87066441	4.85349303	5.01635131
3.05211982	3.3734557	3.47206619	2.99638212	3.38205148	3.53418427
3.37273199	3.33368462	1.00E-04	2.84403638	3.00909662	2.68752436
3.41110966	3.45497195	1.01811585	3.48639116	2.98953603	2.62816474
1.57136501	1.2263654	2.39042884	3.0454694	3.43918491	3.18437979
0.75023767	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21172048	2.67426454	2.8262616	2.67094071	3.27830457	3.09676757
1.57631337	1.51378718	1.00E-04	1.00E-04	1.02944668	0.65004362
0.48651874	0.63344667	1.46133917	0.72937106	1.17892976	1.3927705
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.73158815	1.00E-04
0.59719642	1.00E-04	1.00E-04	1.50600614	1.13850463	1.28694237
1.13014238	2.25142756	1.00E-04	1.28913632	1.43287931	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.43348575	3.27277016	1.73310115	2.05149296	2.75659087	2.90765892
1.21146213	1.42626689	2.45211077	2.57022979	1.225337	2.11551384
1.09746523	2.09322294	1.00E-04	2.2771331	0.97270604	1.24885496
3.32064016	3.30392657	2.56428664	3.44229483	3.00461684	2.75124534
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22905141	2.50416705	1.00E-04	1.21989058	0.6448617	1.17252861
0.4620769	1.04300322	1.00E-04	1.57084864	2.15743507	1.37887807
0.75382236	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.07503547	1.71789372	3.21017241	2.02647673	2.99280613	2.80067612
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.75553033
1.00E-04	0.73861847	1.00E-04	1.00E-04	0.08158092	1.00E-04
4.86863256	4.886859	7.10021648	7.08623325	7.18307195	7.31503312
1.00E-04	1.00E-04	3.42744868	3.44829356	2.67525658	3.15621332
2.29769958	3.05389493	6.38705225	6.59642778	6.58382907	6.62688273
1.63035423	1.5751115	1.11518827	1.83418478	2.34020344	2.9225056
1.00E-04	0.71655627	1.00E-04	0.37082421	0.86547289	0.436998

1.00E-04	1.06381005	1.49210505	1.17201064	1.08224302	1.00E-04
1.25350688	2.06635152	1.00E-04	0.67915539	1.34675901	1.23761015
1.00E-04	1.00E-04	2.78107364	2.01902175	2.01889189	2.54148858
4.37716552	4.26833126	6.4613542	6.35622298	6.34853835	6.48101349
3.07469945	3.18812788	3.47275903	2.79631589	3.20866501	3.34032121
1.00E-04	0.48013639	1.00E-04	1.00E-04	0.79734239	1.05792702
3.52118842	3.67028502	2.68684067	2.15666711	3.31982008	3.00068591
3.09432243	2.99493304	2.69239371	3.8350881	3.8786755	3.79725608
2.93460761	2.26808859	1.00E-04	1.17386419	0.90713037	1.00E-04
3.79177915	4.06210825	3.28960999	3.21448809	3.02622772	2.94432409
1.00E-04	0.64993987	1.00E-04	0.66130263	0.78241155	1.32115394
2.80308665	3.17613483	3.65562579	4.56819129	2.89051831	3.37960395
2.5546132	2.64360143	1.28609943	2.67525626	2.35114449	2.50850304
3.53187494	3.88580089	3.44909341	3.36659603	3.61092838	3.57019795
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67008158	2.43448144	4.9960329	4.71711232	5.4305838	5.58641693
3.32613699	3.04464947	2.23892716	2.35009963	2.99049618	2.99858678
3.68612434	3.70517658	3.41080086	3.28182442	3.56903473	3.97664554
4.00445134	4.04086214	4.29025515	3.9596781	3.9937084	4.02003156
2.24461909	2.29627428	3.26994391	2.849223	2.39842638	2.4128206
2.8111122	2.96779583	1.81104972	2.51438794	3.54464635	3.30344034
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.54041437	5.47321333	5.2403462	5.01155379	5.25989604	5.59036349
2.90975711	3.28572074	2.83626108	3.05178531	3.76549594	3.50676153
3.7099109	3.71840263	3.45043681	3.25555718	3.70465631	3.66827859
0.29610852	1.00E-04	1.00E-04	0.7683823	0.31877834	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.40283744	1.00E-04	1.70549081	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73061767	2.72802315	2.64734373	2.65952327	3.5853448	3.64758367
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.22836845	0.62571237	0.54261238
1.00E-04	1.00E-04	1.00E-04	0.95513653	0.36639306	1.00E-04
1.10938989	0.85036781	1.30986649	1.86786751	0.43936842	1.45547828
4.58634383	4.93453228	4.16572818	4.44953206	4.5853451	4.98640003
3.53466992	3.27430867	1.28609943	3.41277509	3.02332437	3.321987
0.60708278	1.44083352	1.00E-04	0.57243387	0.91504574	0.37073618
2.18127234	1.75497463	1.06844428	1.86129583	3.0647159	1.92524656
1.21391817	1.06139066	1.30986649	0.79830865	0.45881046	1.00E-04
2.71075088	2.72886702	2.70364411	2.20044034	2.74842413	3.15048576

1.00E-04	1.00E-04	1.00E-04	0.24575289	0.52734337	1.27168914
1.40889302	1.71063205	2.62286466	2.31509921	1.6330379	1.70331863
1.00E-04	0.38408963	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.38456992	3.89678201	4.17773268	3.76090274	3.92094502	3.839217
4.36231009	4.40937041	4.39241963	4.20321059	4.37991587	4.57935543
3.8123249	3.9689897	2.90605002	4.19997209	3.88263129	3.79656038
1.62714761	1.71757463	1.95516574	1.6450853	1.99618616	1.46061341
3.86732457	3.72332946	3.07897626	3.95521587	3.40064677	3.41555573
5.34068318	5.55917827	4.90110929	4.50158854	5.00367477	4.92281078
3.51579124	4.32582912	1.68391787	3.52058939	3.11791946	3.58294711
0.63606515	1.29006084	1.00E-04	1.97264914	1.86689112	1.24411545
3.97687288	4.13744826	3.4279963	4.5869809	4.34622333	4.33604343
3.35913983	3.07423862	3.53857555	3.0372889	2.54173303	2.87827643
1.00E-04	1.00E-04	1.00E-04	0.84653972	0.92758739	0.74246202
1.85488052	1.00E-04	4.63677804	5.29570359	5.2310244	5.13049887
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91632913
0.93851318	1.00E-04	1.00E-04	1.00E-04	0.68701705	1.00E-04
2.74712583	3.08101331	3.45585847	3.16881753	3.4165522	3.67021216
1.14399993	1.75297332	1.00E-04	1.00E-04	1.11414809	1.62212378
3.0094044	3.27143989	2.63216074	2.58720711	2.95473194	3.00244106
3.23601978	3.50385217	2.87092673	2.60810045	3.45866849	3.71807762
1.00E-04	1.00E-04	1.28609943	1.05710007	0.53168171	1.31222349
1.76627943	1.29667785	1.30789632	2.00382659	2.09782076	1.56390612
4.35107125	4.83209644	4.77826317	5.10058343	5.18588255	5.14061029
3.33064502	3.39374014	4.02120166	4.29112384	3.85824575	4.47585441
2.39371409	2.54354821	2.39963379	2.94676895	2.12785775	2.58844376
2.859974	3.39918233	4.03319682	3.42276743	3.55989927	3.35104673
2.66857172	2.53792884	1.00E-04	1.27594024	2.67650457	2.60015458
4.13146894	3.75120468	4.09324624	4.4539309	4.3391168	4.07326587
3.8829081	3.73528672	1.9875272	2.0882984	3.80633304	3.50934807
3.14046066	2.70181279	1.40283744	1.59721591	2.2656641	2.734842
2.8875054	2.81244613	3.1872243	2.80423282	3.02570544	3.16227298
1.21819857	2.20912308	1.92675998	1.62712446	0.67288289	2.19159043
1.29447075	2.39530302	1.91285577	2.46024455	2.59179428	2.27512937
3.51297897	3.60704479	2.91903401	2.74527736	3.02057814	2.81856172
3.972782	4.38039971	3.59210473	3.48398007	4.11431695	4.14338361
3.40064348	3.31750832	3.18199386	2.78059048	3.07007795	2.96057071
3.84701313	3.19631821	2.47369145	4.55259586	4.76478488	3.75295472
3.49638505	3.58051116	3.25928702	3.77684964	4.08488435	3.88696897
1.79202083	2.63886726	3.26065198	2.66999118	2.40973308	3.14783359
4.23185019	4.1651938	4.8951266	4.86025492	4.80808987	4.90662302
2.50557736	2.93447945	1.97176871	2.76667536	3.23205457	3.69535747
1.15639811	1.07061134	1.00E-04	1.82717858	0.85443296	0.32900361

0.3786425	0.91611654	1.11518827	1.41795412	1.26003011	0.96564465
1.10442621	1.14889814	1.00E-04	1.00E-04	0.29787799	0.35419377
2.82615671	2.35765536	2.23078732	2.95537819	3.50707271	3.57073689
3.53378838	3.68649094	3.40504321	3.7110735	3.42683424	3.61425461
3.55805581	3.37454095	1.00E-04	2.41979785	2.80685978	3.49594115
4.25456078	4.34889869	2.7120355	2.94895402	4.15165982	4.00192649
2.46564175	3.14446994	2.92277972	2.46201874	3.43828007	2.85434972
4.7509763	4.02045432	4.0160404	4.30862549	4.51294713	4.05848377
4.12215295	4.18328413	4.86201351	4.44585465	4.45349256	4.62066378
2.68168147	2.76416521	2.47773992	1.30905259	2.32283979	2.54681356
3.96176584	4.12364965	1.88729871	2.74631931	3.39644413	2.85137884
3.77140286	3.48852771	3.47821236	3.12598659	3.78311106	3.9439044
3.93062677	3.88246889	3.73446455	3.09766128	4.10896758	3.80065202
2.8180917	2.90502977	2.40341798	2.5748515	3.64209703	3.52797474
3.79368298	3.80404335	2.25176765	2.5982461	3.47441751	3.45850816
3.45350481	3.59358335	1.01811585	2.71053522	3.17316826	3.09106231
4.14783653	4.43065355	3.28933145	3.08287613	4.33982614	4.13101709
3.71475013	3.71569284	3.22241169	3.16125717	3.67911526	3.70885923
4.30266441	4.42591084	2.84993092	3.34772318	4.35670831	4.14473774
3.01077868	2.68660474	1.00E-04	2.10765357	2.47060005	2.7454606
3.65280992	3.6106614	3.1981385	3.3935556	2.7915132	2.92587735
3.45915125	3.17691978	3.49096215	4.06378531	3.3895919	3.8395727
2.99183836	3.302793	3.77640033	3.29839029	3.32334581	3.71874326
2.07959959	1.77906957	1.00E-04	2.325785	2.60008884	1.33869722
3.70497535	3.46656512	3.29315567	3.20275225	3.55051924	3.78380478
1.84579686	2.46668298	1.75472403	2.20104664	1.59451804	1.394476
3.94328299	3.92600607	3.83620967	3.86985719	3.98203841	3.53547139
3.85905516	4.21222507	3.6337205	3.45473266	4.04816798	4.28769001
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3.55154041	3.6047381	1.00E-04	2.13490125	3.18428616	2.84247541
2.43904544	2.44270767	2.66499184	2.32896928	2.67533192	2.36581147
3.45575959	3.46396325	1.28609943	3.04279543	2.87141999	2.98992232
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.92564863	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.02049241	2.27825818	3.21871392	2.20044551	2.57268211	2.95143299
1.40599994	2.04321871	1.6068095	1.17657566	1.95329477	2.23863325
3.52226089	3.45162423	3.54278197	2.3271694	3.00471189	3.28888013
4.37803132	3.90528259	3.48592292	3.33976415	4.1128673	4.17566932
2.56673523	2.92560847	2.04027175	2.65996117	2.2561032	2.95487501
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.52002179	2.21329498	2.37434441	2.45562828	3.03324153	3.00711394
2.1469218	1.47018018	1.00E-04	1.23757796	1.03670114	0.76650304

2.18444541	2.43049701	1.42763756	2.11195855	2.010719	2.34354902
2.19971708	2.06963739	1.00E-04	1.94771589	2.39134623	2.41890537
2.94241899	2.80891706	2.89322616	1.70575489	2.88353655	3.06948797
2.45025924	2.29570661	1.28609943	1.93081187	2.4371519	2.46933761
0.79562014	0.86067462	1.00E-04	1.23323183	0.16448447	0.66795879
0.95251548	0.75333424	1.00E-04	1.23033032	0.92032915	1.34011818
3.5030551	2.98863211	4.17259448	3.99627166	3.57143107	3.60592384
0.4516944	0.90262666	1.00E-04	0.78025129	1.04456603	1.01478877
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.95369371	3.91400423	3.74746409	4.13985458	4.00430209	4.11770342
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45216556	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65519325
4.8709063	4.72407382	5.00303382	5.33606912	5.1732067	5.30458752
2.13698337	2.80962718	2.73639551	1.24231184	1.39575715	1.67560886
1.00E-04	1.00E-04	2.08421616	1.05292967	1.34232331	0.30788028
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.63250491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.72463751	1.37786817	1.00E-04	0.67521107	1.14919529	0.53581487
2.19958404	2.3727883	1.00E-04	1.07756175	1.00E-04	0.58369452
1.00E-04	0.88624907	1.11518827	1.00E-04	1.00E-04	1.00E-04
2.09107977	2.11792306	1.42763756	1.42324947	1.61346741	1.2020497
3.49188025	3.71428923	2.96017	2.43808934	2.95234274	3.37848354
3.98836394	4.15481981	4.73227471	4.60172376	4.38728148	4.59694716
2.96175358	3.14460994	3.32539713	2.19266088	3.04302567	3.13444566
2.8902893	2.70507843	1.8415676	3.75033398	3.23385737	3.09279946
3.73200911	3.69341794	4.02453284	4.24437446	4.04271823	4.29245668
5.11305212	4.70737754	4.94652028	6.16252486	6.21008884	6.06943813
0.09415495	1.00E-04	1.27996271	1.00E-04	0.39916426	0.72825032
1.96330931	2.33847865	3.93562366	3.64616132	3.71269807	3.86020327
3.02143561	3.13433403	2.78866856	2.26793933	1.86635605	2.33419742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.40776691	3.2349462	2.42936025	2.5281195	2.7659042	2.6467843
3.22294894	3.3092178	3.02487167	2.90026408	3.41762617	3.14264882
4.34110516	3.91434222	3.52916917	3.50528038	4.13976469	4.08800339
2.00054989	1.00E-04	1.00E-04	0.57264305	0.71347641	0.77797503
1.00E-04	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.00E-04
3.65627605	3.7689606	4.66316819	4.41917656	4.39231282	3.93950859
0.32197209	1.00E-04	1.00E-04	0.63849114	0.42918379	0.86314901
1.00E-04	0.61227164	1.00E-04	1.48303676	1.30139737	0.12854881
1.00E-04	1.60389167	3.58975696	3.53384595	4.040781	3.74167386
3.11181261	3.66395625	2.04025287	2.93013336	2.18598714	3.25773052
1.57856479	2.00960492	4.73149691	5.20287023	5.25084473	5.3042655

5.10852578	4.99775131	4.98507726	4.80696966	4.78974303	4.95117627
5.07814029	4.95934266	4.43267332	4.44952757	4.91931188	4.68208877
5.03739432	5.16463151	4.06063337	3.74445078	4.74410659	4.81361077
1.01761094	0.87863849	1.00E-04	1.54310486	0.70492934	0.90490463
3.0042776	3.00287099	1.00E-04	1.37965783	2.20178641	1.96651779
2.34299366	3.06284436	2.76408753	2.18993777	2.60752051	2.82480482
2.46101468	0.60145322	1.00E-04	1.39597771	2.18967864	1.33151733
5.07543542	5.10903011	4.55808399	4.8896695	4.94980662	5.16946508
2.85251928	3.11629169	2.46099858	2.71417454	3.16596445	3.02256796
2.36958723	2.52349486	2.21067498	0.98411996	1.86392715	2.57272007
3.14938894	3.16995336	3.44449518	3.17541644	3.15222402	2.94340892
3.58764865	3.31114367	2.11717293	2.75420781	3.06398224	3.18847326
4.41510275	4.29816798	3.84283521	3.87663702	4.06362281	3.7666311
1.99834442	2.5140479	2.2040098	3.43947471	2.23380355	3.0994038
2.61768049	2.24726118	3.50038238	3.01504681	3.37656284	3.61072565
4.05257389	4.24002284	4.51162464	4.73122008	4.58783635	4.70358166
1.62215339	1.87729174	1.89992109	1.47257642	2.1689276	1.62877209
3.83081426	4.31175462	4.24065728	4.1543923	4.14653989	3.75957249
4.98550629	4.81353292	5.28609694	5.21221109	5.01672448	5.05194936
4.12010104	4.08035687	3.1909452	3.8222463	3.48063173	3.29666279
1.57504557	2.30971852	2.57807325	1.85293932	2.4776542	0.68791734
2.21853439	2.34902114	2.52668353	2.43432438	2.94244447	3.21510594
4.28857901	4.42572394	3.63919468	3.37508345	4.15335108	4.45200231
3.00090169	3.11388691	4.21955714	5.08083743	4.97382598	5.07139421
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02050576	1.00E-04
3.4325393	3.89401523	1.87145018	3.1642853	3.02891889	3.27869025
3.84039417	3.95493564	3.82709238	3.67748732	3.70090409	3.69891584
2.09981398	2.73399048	1.00E-04	1.89855765	1.77744668	2.73675886
0.81467912	1.00E-04	1.00E-04	2.49568771	1.74070701	0.30788028
3.89951431	3.48281017	4.21787228	3.5696812	3.89026098	3.64923963
1.97082907	2.51473486	1.00E-04	1.59244742	2.6502601	2.8164307
4.0948642	4.19209016	2.89120376	2.77495446	4.11159653	4.0158285
5.4443852	5.05230971	4.62821398	4.72363826	4.73159061	4.80188879
4.09776528	4.43712538	2.629346	3.18231878	3.97354837	4.0461889
4.56130849	4.40193622	5.00990105	5.22697571	4.82962044	4.4569095
3.33974191	3.2484773	2.67299792	2.76444113	3.21522588	3.41081337
6.36372345	6.26503448	5.74518638	5.81049491	5.68395898	5.62110906
4.70430001	4.77570769	5.19846175	5.3120017	5.24767361	5.0799666
1.04003939	1.26737329	1.00E-04	0.96996826	1.41528941	0.80866733
4.67273812	4.26670406	4.49513317	4.30188045	4.40993896	4.32640587
1.337599	1.71803211	1.84960269	1.08324695	2.09855181	2.1476211
1.00E-04	1.00E-04	1.01811585	1.41942164	0.54946454	0.68083469
4.58349079	4.77242303	3.24272001	3.31606022	4.66683314	4.28357129

0.45320594	1.50705283	1.00E-04	1.12768434	1.14021809	1.70771544
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.88336572	3.70243931	5.41715924	5.55327792	5.40045964	5.13320529
3.99101669	3.61621039	3.83305085	4.28838665	4.09564349	3.91743627
1.79516798	1.47432427	2.79405775	2.02973829	2.23263694	1.95942605
5.67823415	5.68528876	2.35742396	2.24398032	2.86654354	2.62343003
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.00392961	4.05562832	3.46597395	3.00770169	3.55933698	4.13333252
1.00E-04	1.00E-04	1.00E-04	1.10629332	0.91504574	1.00E-04
0.66023508	1.00E-04	1.00E-04	1.00E-04	0.74773056	1.00E-04
0.60327704	1.00E-04	1.00E-04	0.91688153	0.22725774	1.00E-04
4.18204106	4.19552791	3.68222521	3.72960949	3.82291722	3.82395962
4.05877018	4.2006254	4.04527709	3.71814564	3.73386214	4.06127453
1.17579456	1.88217818	1.00E-04	1.83961658	2.11864592	2.78659258
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37724529	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
3.9328091	4.10060475	3.2058472	2.61942133	3.53839614	3.93311246
1.84599836	0.44777316	1.00E-04	1.69439282	0.7964695	1.09315654
2.90848337	3.44132158	2.56657457	3.35281903	3.57346625	4.01646602
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67445357	1.60163644	1.8503227	1.00686731	1.90330912	2.22314252
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.98415407	2.63573573	1.8415676	2.17277611	1.88327944	2.15959151
1.88202769	3.13120097	2.32722852	1.18087666	2.82852228	2.99461583
1.46760937	2.07122017	1.30986649	1.90219066	2.07940044	2.13532066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.89113547	1.46133917	1.00E-04	1.1575387	1.38898704
3.64932611	3.7755448	3.22404873	3.12159009	3.44795637	3.61566206
2.95901512	3.18637222	2.6856664	3.40138226	3.07497269	3.46706496
1.66066022	1.58028993	1.00E-04	1.76649847	0.18945863	1.00E-04
2.66339941	3.06298489	2.87920538	3.53808624	3.29272998	3.84008826
4.63898572	4.35639211	4.10516754	4.38785994	4.30339764	4.29002603
2.65601957	3.19087003	3.38461004	3.04233652	3.51929738	3.76663305
3.99470068	4.23105471	3.45870772	3.63892455	3.79406852	3.91347501
3.42920054	3.40975114	3.99370015	2.91336518	3.72437384	3.51575007
4.73750653	4.63083356	4.84585571	4.75149586	4.47571714	4.70335107
5.18763284	5.10988337	1.00E-04	2.82761312	3.88134158	3.02623258
0.52427406	1.00E-04	1.00E-04	1.00E-04	0.4362065	0.12854881
4.16855071	4.09337014	4.68911646	4.22478882	4.5964265	4.7623313
3.18642375	3.63327752	3.33040842	3.71076606	3.56896869	3.65992934
1.00E-04	1.00E-04	2.24726389	0.63389895	1.00E-04	1.00E-04
4.39794792	4.48497497	3.29869887	3.97647521	4.31983597	4.19552355
4.69959652	4.98715964	4.66954412	4.52349158	4.5153124	4.48775291

2.04160277	1.93093839	1.00E-04	2.45439506	2.54215497	2.54063407
5.6782949	5.7599377	6.2142878	6.40095622	6.15342035	6.05861528
2.28260062	2.26621431	2.5530326	2.49795236	2.54254563	2.78372992
5.44085464	5.15510319	5.61784439	5.49311892	5.62555696	5.47195183
6.00224943	5.98218904	7.12055312	7.16728645	7.11538583	7.18485337
4.48874539	4.38975005	4.37547681	3.97621288	3.69652016	4.21168738
5.4137721	5.5173906	4.22121288	4.83218145	4.92182575	5.10804416
5.04413398	5.12447349	5.33709725	5.15242435	5.23423185	5.34037593
4.00076525	3.77606992	4.49832711	3.96633574	4.34067581	4.49425662
4.25706503	4.16384137	4.29111908	4.44846158	4.30254514	4.54629881
4.54957721	4.8112013	4.72493966	4.60979968	4.41972569	4.73785523
4.71068974	4.91412054	4.35470405	4.61007026	4.53216747	4.66785293
4.69365349	4.47215319	4.36886746	4.31074607	4.40089034	4.47242886
1.00924216	1.14918854	1.00E-04	1.10149857	1.00E-04	1.00E-04
3.53214852	3.40589916	3.70891487	3.09885711	3.37482837	3.55336992
3.45662023	3.18464853	2.93749629	3.46037951	3.51317962	3.59459156
4.45536703	4.55499432	3.99031941	4.13617188	4.20826339	4.20403343
4.75312142	4.54170462	4.5246284	4.73986362	4.81759011	4.72349792
5.83827264	5.46605762	5.42014962	5.86906978	5.6431094	5.67295564
2.5666134	3.17989645	2.65324013	2.9894951	2.7350767	3.17851562
3.75269964	3.75214632	2.62087004	3.49626086	4.1561783	4.23746553
0.6853338	1.33916791	1.00E-04	0.87262853	0.70602601	0.9609779
3.87908362	4.03770944	4.40557504	3.73261661	3.89992161	4.00840951
3.72533751	3.68521644	3.39859775	3.22600147	3.32435747	3.4878866
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.02458642	3.11391707	2.39528878	2.45034523	2.95261265	3.21458642
3.23802694	3.58772164	5.58749107	5.45057512	4.93966577	5.30288049
2.82654615	2.7593563	1.00E-04	1.80137661	2.80059656	1.66038466
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.40762379	3.31357917	3.26855393	2.33567974	3.32921344	3.14498892
2.47951291	2.07738375	1.11518827	1.72209235	3.00596533	2.99099491
3.49453087	4.15132325	3.27323324	4.47151127	4.4326001	4.51420656
3.22757863	3.83788682	2.09506847	2.8446576	3.16213672	3.01704258
0.22057811	1.18943573	1.00E-04	1.44875764	1.04891611	0.81829195
3.04284448	1.72622801	1.00E-04	1.85167	2.39366422	1.5774506
2.57021525	2.95620976	2.38184887	3.07737496	2.6376636	2.71769241
1.00E-04	1.00E-04	1.30986649	0.61001117	1.00E-04	1.00E-04
2.6167577	2.1838277	3.37104412	2.59899571	2.76970581	2.8940025
2.47176825	2.85306038	1.00E-04	0.24834324	0.72803658	1.36407876
3.65525839	3.49632302	3.42688603	3.2663938	3.35578049	3.66281921
1.5949659	1.98333889	2.8430923	3.02426173	2.37559461	2.53359824
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.75480141	2.4858086	1.00E-04	2.07210851	2.69819252	2.13263715
1.00E-04	1.00E-04	1.00E-04	1.48681843	1.00E-04	1.00E-04
5.10168135	4.9290412	5.44961453	5.42478165	5.40890505	5.14276353
2.30975437	3.04858489	2.23737614	2.62724407	2.35043832	3.09161239
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42736004	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38333601	2.08407167	3.96752689	3.68339681	3.98904212	4.2555491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.6226156	4.37752631	4.59798878	4.34902594	5.1691063	5.15219371
1.49811015	1.92948008	1.00E-04	0.79457207	1.11095034	0.75235999
3.47544899	3.65226415	2.87512488	2.58675908	3.5164136	3.75331775
2.39580138	2.73860413	1.00E-04	1.64162653	3.02046931	2.02061687
4.66829306	4.60804966	2.94606153	3.79046613	4.60200762	4.41703665
4.67190015	4.69612508	4.40920652	3.62861212	4.27487577	4.07528365
1.65395169	2.38020528	2.33425259	0.80382114	2.27516756	2.67755942
3.64244879	3.61245917	2.80288573	2.98135597	4.00217156	3.49444344
1.88596325	2.0274013	2.6547538	2.40716934	3.34428359	2.92999555
1.1540638	1.98702828	1.00E-04	0.41438246	1.00439536	0.26760818
3.13097627	2.84426402	2.12431594	2.23067058	2.69501965	2.79334111
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.80248963	4.58963266	4.43658539	4.38743183	4.4748186	4.29598924
3.57630839	4.06190278	3.49601733	3.8461732	3.43713416	3.87177361
6.39859901	6.34981003	1.6068095	2.95391291	3.86310747	3.3107558
0.50045326	1.00E-04	2.52228149	1.00E-04	1.00E-04	1.00E-04
3.51270956	3.09086698	1.00E-04	1.34695946	1.39196137	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.32864749	0.32943408	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02460065	1.00E-04
0.81455276	0.7090563	1.00E-04	1.00E-04	1.00E-04	0.70144471
1.23111844	1.80280934	1.00E-04	1.00E-04	0.22206006	0.48822636
1.00E-04	1.40334411	2.16483827	1.00E-04	1.00E-04	0.43066061
1.62600614	2.25868202	1.00E-04	1.87697142	2.10087603	1.82655635
3.05735977	2.79658644	2.37984885	2.56361448	2.48541665	3.04997659
4.65374868	4.53679677	4.13749534	4.9152891	4.80283284	4.68248951
1.00E-04	0.89451126	1.00E-04	1.00E-04	1.00E-04	0.99114509
4.29947986	4.38973826	4.23143584	3.70437781	4.25646898	4.59990552
3.52208529	3.82571041	3.10048657	3.07836493	3.18955331	3.2820196
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55006523	1.00E-04
1.28402235	2.19242641	2.52171916	2.80821283	2.9963363	3.64843684
2.81298136	2.28860639	2.31463219	1.90243633	2.63304656	2.47867744
2.9161194	2.73758452	3.25738641	3.18727432	3.66134293	3.51928357
5.30406542	5.12944441	5.19046423	4.76567186	5.1224615	5.19974584
3.94763615	4.08032983	3.22256107	4.22004439	4.12053803	4.21098917

4.85856409	4.90902323	6.18783916	6.13720413	6.28973196	6.45001724
0.09415495	1.00E-04	1.00E-04	0.70475672	1.39572942	1.63288848
4.64903553	4.4228033	4.56392681	4.3240708	4.56832356	4.57175239
2.36337837	2.49923054	1.00E-04	1.6589742	1.09867663	1.09854806
4.46686132	3.89703003	4.24039671	4.57670953	4.2096383	4.30835976
3.66859741	3.50636255	3.53277742	3.92229887	4.22838552	4.17608813
5.3704141	4.82711866	7.55629278	7.90401018	7.63661944	7.71701348
6.34308343	6.45011443	7.81631861	7.72222904	7.66703465	7.80483555
2.36780895	2.38211015	3.88484547	3.79334698	3.81697423	4.5675066
3.84996451	4.05490521	6.31585197	6.80025041	6.52401483	6.62325161
1.23994506	1.00E-04	3.15679057	1.80705231	1.00E-04	1.00E-04
6.63349429	6.5849017	4.38976311	4.41896106	4.60295277	4.16332094
3.28529215	3.14834831	4.19809064	3.5307742	3.70519414	3.97770628
5.68080399	5.47981205	1.00E-04	2.81547665	2.4721581	2.61896269
3.75139577	3.81797318	3.514766	3.6516812	3.79184556	3.62627737
3.02697097	2.91453492	3.43596142	3.28213712	3.00720131	1.70257872
3.43010325	3.19748156	2.54160734	0.6251947	1.61473267	0.15499183
3.79958899	4.18515208	3.46643082	3.92929455	3.33203219	3.46363065
4.79974765	4.75060542	1.30986649	2.27513876	2.48202574	2.15749671
5.22837674	5.11667197	5.18293881	5.54963011	5.37366082	5.31934461
0.71706674	2.09001607	1.00E-04	1.148841	2.36503009	1.88109949
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53812177
4.00933364	4.32692404	4.58869696	4.95218365	4.64699385	4.8881894
3.17494745	3.29448172	3.76221618	2.88012063	3.37701396	3.61270261
3.51070248	3.60410967	2.22847601	3.59134218	3.21129593	3.49660732
5.14488101	4.9857813	3.24293981	3.63326077	3.49654914	3.62050538
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35075552	1.00E-04	1.00E-04	1.00E-04	1.33950975	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.77562963	0.82204989	2.43462845	1.00E-04	1.00E-04	0.16236604
3.57496033	3.64630095	2.52821805	2.83636977	3.67209379	3.46265175
4.33590113	4.40422339	3.75793188	4.13650312	4.49119109	4.92914023
4.02525292	4.11504048	4.5058658	4.27703062	4.36136193	4.43029643
2.04747268	1.93451367	1.06844428	1.88860879	2.10211031	1.56926795
1.49320537	1.40253391	1.00E-04	0.967617	1.43674511	1.81809877
3.30749539	3.33516369	3.58758514	4.07746143	3.91937554	3.89956868
0.76232783	1.00E-04	1.00E-04	0.5252732	1.00E-04	1.00E-04
4.23540323	4.02982114	2.98203563	3.44491634	3.20634255	3.28254833
3.72329879	3.63271034	4.32369759	4.59834122	4.88046721	4.99448579
1.00E-04	0.62690381	1.00E-04	0.45991406	0.41961083	0.48063511
1.00E-04	1.11109055	1.00E-04	0.78559119	0.34078751	0.44347704
1.91999179	2.28092069	2.56273919	2.60204316	2.18031331	1.68149377
1.8437268	1.23540341	1.00E-04	1.40083446	2.01835107	1.79154548

1.00E-04	1.00E-04	1.00E-04	1.14205161	1.00E-04	1.00E-04
0.52523255	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40555046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.70856018	1.68220122
0.15907666	0.65068802	1.00E-04	1.58708599	0.59478983	0.9116029
1.00E-04	0.97710614	1.00E-04	1.48926338	1.95774446	1.00E-04
3.68801671	3.39020614	3.74446042	4.20120478	4.24303156	4.30937364
3.56216342	3.13172414	4.52806572	4.06153192	4.72962243	4.41457327
3.15799117	3.46028851	3.30086374	2.43169387	2.59021261	2.65038466
1.00E-04	1.00E-04	1.00E-04	1.13551406	1.00E-04	1.00E-04
0.70416676	1.00E-04	1.00E-04	1.54400262	1.76580289	1.81174499
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	1.00E-04
0.83972673	0.97327174	1.00E-04	1.19249273	1.45924802	1.34868567
1.65600178	2.0591675	2.12459253	2.23385542	1.80603622	1.59651661
3.43156693	3.59321454	4.16719897	3.38381335	3.18899146	3.28253555
2.46967573	2.30288319	2.95425112	2.61883402	2.56837565	3.15070236
3.36446453	3.33014502	3.24634297	3.66753221	3.04678401	3.21207758
2.87497219	3.03752809	3.08946913	2.8387442	3.15605943	2.94339921
3.12719401	2.67340461	2.09251707	2.70842436	3.17581276	2.62681992
4.61546819	4.66741775	4.8652692	4.79731491	4.64404929	4.87903282
3.33510369	3.76391264	4.33284043	3.14120447	3.10433582	3.60321803
2.95753732	3.3438427	1.75318857	2.76681659	3.09113467	2.87261691
5.07036433	5.05954327	4.9732335	5.15360441	5.05761079	5.21822493
1.65297537	2.16018031	2.44547352	2.46042283	2.32200403	2.54021498
5.62682165	5.49030302	5.31753067	5.06032453	4.91119264	4.87970911
4.69293628	4.63803208	4.39747043	4.14867909	4.6762064	4.54137446
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.69014278	0.93188467	1.00E-04	1.35957867	0.63376542	0.43251302
2.48250301	2.94277556	1.84921664	1.50533426	1.56214436	2.50854257
2.89796475	2.95563264	2.61984271	2.22147595	2.53545035	2.13777511
3.03031887	3.15905873	3.2500613	2.73088118	3.22655122	3.56124854
3.7633515	4.18442913	4.01686	3.75976453	3.84151623	4.03441584
0.45390172	0.86589696	1.00E-04	1.00E-04	0.71592889	0.26920678
3.04377069	3.4016563	3.79262216	3.38347974	3.60601332	3.63782363
4.08366148	4.59656785	4.34679266	4.20064562	4.53735564	4.7873682
1.91444259	2.27053433	1.38754516	2.1933798	2.2366002	2.3025678
4.48298901	4.59277478	4.4133052	4.86666073	4.96526209	5.01521668
1.14226	0.56312682	1.00E-04	0.71860592	0.87177374	1.67685869
1.00E-04	1.00E-04	1.00E-04	0.7537902	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.84653972	1.00E-04	1.00E-04
1.00E-04	0.45495213	1.00E-04	1.00E-04	0.41749904	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26331377	1.00E-04

1.19852797	1.00E-04	1.00E-04	1.00E-04	0.1826159	0.87830242
1.00E-04	0.72542868	1.00E-04	0.77511777	0.31843376	0.12854881
0.55896898	2.15491506	1.00E-04	0.37771766	1.43342438	1.00E-04
2.68331234	2.82413178	3.11420791	2.4248347	2.8016424	3.02492926
0.82956275	1.52404169	1.00E-04	0.46085181	0.39850246	0.91866851
1.00E-04	0.9901584	1.01811585	1.10962298	0.87185588	1.46378621
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.3537973	3.33738381	1.74894376	3.59073189	4.15194079	4.23066433
3.40972944	3.84281932	1.06844428	1.37261228	1.66356225	1.43460489
2.94259423	2.92742426	1.95516574	2.16033311	1.94394813	2.22104589
3.21137084	2.65930062	1.89992109	3.14388843	2.85973969	2.81454668
3.36263595	3.23728856	3.21431611	3.22705803	3.67278185	3.24251464
5.59649572	5.64015057	4.77558474	4.9733931	4.79496371	4.89253174
5.9317486	5.85059391	5.8341423	5.94981852	5.70884207	5.72142422
1.24387312	1.03801802	1.92782151	1.87901027	1.60968035	2.20864073
0.60609512	0.9410185	1.83013888	1.00E-04	0.92115514	0.62848175
1.82252185	0.9978682	1.00E-04	1.00E-04	0.41668917	0.12854881
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70185963	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.6894036	1.86369224	1.00E-04	1.55537416	1.65387556	1.8163788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
0.85266136	0.90046634	1.00E-04	1.05377814	1.41126148	0.44530814
0.9572295	1.292772	2.10841409	0.49600825	2.47855976	1.98295156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32608229	1.00E-04	1.00E-04	1.00E-04	0.33327329	1.00E-04
1.43952294	0.67526174	1.95610501	0.79457207	2.54385606	2.79675157
1.00E-04	1.00E-04	1.00E-04	0.60024425	1.10238917	0.4683059
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.56029689	0.45253098	1.00E-04
0.69330522	1.00E-04	1.27996271	0.54842099	0.64604708	0.59599254
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.07114005	1.00E-04	1.00E-04	0.45991406	0.42455119	0.21329315
1.70136764	1.68613732	1.00E-04	1.00E-04	0.88455392	0.55109306
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.69142984	1.83458917	2.00743688	1.58054591	2.30685828	2.00303706
1.00E-04	0.63462979	1.00E-04	0.37082421	1.00E-04	0.54252238
2.03790406	1.41189733	1.00E-04	1.15395593	0.57885604	1.87467765

1.00E-04	0.5882165	1.00E-04	0.56487062	1.00E-04	1.00E-04
4.60506315	4.89702496	5.4173307	4.59040822	5.70044029	5.70214623
1.20103702	1.17321717	1.00E-04	2.01275418	2.22218334	0.69511444
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35400979	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.12766876	2.59329214	2.67464006	2.36402808	3.39680976	3.09037342
1.1113623	1.3146336	1.00E-04	2.33939748	1.330885	1.67406768
1.00E-04	1.00E-04	1.00E-04	0.50430847	1.15785369	1.25
2.82632906	2.92512124	3.72576587	3.94237554	4.5431145	4.72613876
1.0356407	1.11955523	1.00E-04	0.65562728	0.50868135	0.40278452
3.37829763	3.33172911	2.70325097	2.73913967	2.61100347	3.08698391
5.62133303	5.27573792	5.53144662	5.93125133	6.21600709	6.14234783
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.53428509	2.2001623	1.00E-04	1.58288415	1.33992924	2.45637666
2.02354765	1.08424027	1.00E-04	0.91640475	0.93404811	1.19424719
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44102711	1.00479742	1.52319676	1.92978112	0.16276316	2.70592466
3.98430616	4.01687167	3.46231928	3.45456606	3.79341864	3.95776464
4.54967267	4.57568052	4.42616271	4.62264321	4.66276874	4.45149514
2.05164598	2.41881444	1.01811585	2.46769235	2.13362595	3.08260104
3.56652493	3.5049264	2.08359672	2.68227863	3.74395459	3.14890846
4.7933537	4.99733788	1.30789632	2.88627748	3.31820023	3.42745573
2.69431082	2.96679867	2.73678867	2.75485438	3.05651649	2.83773142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62343015
4.6511949	4.57608451	4.64159268	5.00263193	5.10925194	5.24816064
4.41457722	4.63073953	3.31913978	3.4959984	4.56744849	4.35177369
4.35018344	4.34449183	1.84921664	3.41244377	3.912682	3.98448744
4.23021749	4.15484199	3.39371257	3.98937093	4.04223548	4.00362503
4.22951951	4.49237908	3.78214388	3.36559993	4.05881702	4.24744377
4.21033701	4.07768799	2.69301278	3.74019127	4.37685227	4.44356498
5.63209042	5.56963332	4.15160386	4.48261037	5.40101648	5.15403449
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.86275651	4.98386241	3.93069245	4.04781511	4.7189346	4.46186399
3.69700322	3.21921323	1.82760611	3.22111429	3.70239335	3.7300257
3.44413627	3.63048955	1.38754516	2.91686183	3.60346431	3.57833165
3.89918747	4.05238075	3.3901735	2.99972222	4.04218772	3.79426266
4.0080938	4.08199177	3.79327339	3.00381882	4.14347097	3.94696136
3.17886062	3.19188917	1.90642126	2.75465801	3.85725368	3.61282762
4.25667183	4.10188231	3.53300858	3.29000646	3.94749572	3.73367208
4.99956588	5.02572427	4.56192943	4.66998804	5.03951759	5.03981268
4.81680798	4.83414224	3.89050126	4.08404852	4.4259274	4.63464971

4.74541598	4.98379524	1.92782151	3.68939807	4.55515261	4.22622841
3.19740625	3.58032185	3.19697479	3.32834996	3.63965631	3.23807035
3.45103738	3.54241049	2.32944431	3.24064089	3.56081563	3.15324342
2.98455083	3.12756904	1.11518827	3.03919094	3.51223685	2.90353772
1.43682791	2.32768523	1.01811585	2.12054463	2.48852233	1.53393425
3.42966843	3.45175312	3.02117409	2.64183173	3.10219848	3.24027365
3.96576872	3.83050501	3.65678291	3.47475475	4.37426775	4.13692696
3.49782585	3.65018589	3.7144518	3.01348668	3.04589585	3.61383694
4.49202015	4.38260449	4.37099474	4.47382892	4.41280073	4.70569252
2.09161707	2.06003623	1.00E-04	1.5172956	2.06795261	2.26763488
3.93494504	3.58839095	3.70894263	3.25197157	3.91825478	3.88524568
3.92308981	3.91976761	3.7821569	3.65655179	3.92330397	3.71497981
4.09606516	3.94805886	3.5128795	3.53906194	3.78022673	3.65476806
4.44093052	4.26224852	4.42343476	4.63284538	4.43733388	4.47599247
3.3674688	3.73519211	3.31556142	3.08889547	4.00830026	3.86108093
3.01263527	3.24816586	3.19199415	3.10281069	3.55679967	3.46458312
3.82295053	3.9218166	3.02004445	3.16937557	3.91898603	3.80348285
2.86454786	2.34142685	2.18108759	1.955631	2.17041523	2.92000602
3.66899552	2.93025788	2.83469015	2.73122759	3.65221618	2.9828063
4.16714924	4.10109822	3.24592812	3.13204217	3.83741694	3.94169693
4.05992674	4.11296679	3.5117334	3.14660693	3.9786494	3.93090774
3.45183228	3.32210078	2.40667684	2.71841314	3.54667235	3.42946168
5.05494707	5.35837587	3.81104292	4.05760274	4.94729532	4.59501568
4.26449199	4.17964948	3.29691933	3.9157859	4.55302317	4.12168906
3.03002793	2.74321656	1.68391787	2.81912315	3.07004597	2.30405586
5.32071859	5.24044092	6.06151258	6.35988802	5.93899224	5.84433201
3.65004058	3.50091921	3.96181079	3.36523195	3.70070629	3.87677818
3.29894965	3.45011285	1.00E-04	3.10761694	3.13103503	3.26415067
3.50379346	3.51720194	3.02925809	2.79786476	3.40024048	3.50766902
2.73973243	2.7613459	1.00E-04	1.77537874	2.68814967	1.42918625
2.99074562	2.95327743	1.00E-04	1.85643116	2.46835176	2.810714
1.00E-04	1.00E-04	1.00E-04	0.64138534	1.00E-04	1.00E-04
5.4164447	4.99629869	5.46012968	5.22783291	5.1508097	5.36374841
3.49212786	3.03230049	2.04080341	3.23009032	3.64087337	3.18221633
1.00E-04	1.00E-04	1.00E-04	0.24575289	0.31853502	0.40840894
1.00E-04	0.79219723	2.4510087	2.06362403	2.58744412	2.80440135
1.92596936	1.5530245	1.00E-04	1.65311879	1.41470599	1.8750066
4.20755969	4.44456897	1.00E-04	0.37082421	1.19362015	1.63097379
1.46281492	2.63107314	3.99414185	4.36871205	4.61815124	4.82167987
1.65141844	2.01254591	4.77975158	4.17282682	4.81059021	5.07455631
4.0882378	4.25890783	4.19418271	3.84893366	4.49065442	4.56885373
4.01526609	3.94649147	3.87940361	3.82068869	3.93588751	3.89370423
5.0761567	5.03973972	5.11248439	5.29100208	5.24912276	5.29134307

5.70059021	5.76125531	5.43107245	5.83003276	5.61991921	5.50565611
2.58842025	2.81424679	1.00E-04	2.51285394	2.62282788	2.72248206
3.47455955	3.51851695	3.19048837	3.22410321	3.49262917	3.13420902
1.09109096	1.65304943	3.04107109	1.9712586	2.01392448	2.37746542
2.3964723	1.88290921	1.83013888	3.46581878	2.59966563	2.68135072
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.61533666	1.00E-04	1.00E-04	0.78025129	1.00E-04	0.40106531
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.56508007	1.00E-04
1.00E-04	0.85117793	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.69926765	3.69580334	3.90877559	3.40332881	3.98604096	3.71901216
5.11581634	4.84022154	5.0616889	5.04468772	4.93696309	4.90785201
3.22312042	3.00598304	1.94733951	3.35298429	2.85741708	3.5399045
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.78609579	3.52760063	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.84271777	1.00E-04	1.00E-04	0.54072481	1.89895244
4.47027687	2.86549248	2.73807187	3.95419375	5.13512805	3.03205894
0.60073652	0.48913524	1.00E-04	1.00E-04	0.3548392	1.00E-04
0.4620769	0.24251465	1.00E-04	1.00E-04	0.45895682	0.16565788
3.47097698	4.04216957	5.97733401	6.24526613	5.83538535	6.05081829
4.08394185	3.7495132	2.82445124	2.96077228	3.40859835	3.4521091
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.00885396	2.30745677	1.49210505	1.2199326	2.3073506	1.99268036
5.47152303	5.57163227	5.03870246	5.17808323	5.53578049	5.24031038
0.45859847	0.92995371	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.7884265	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.43554529	1.23684169	1.96479434	1.89535742	1.8014314	1.70165888
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.48875286	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.5724802	1.79618204	1.72441395	1.84449548	2.04624579	1.82496358
0.78491222	2.15430652	5.80908164	5.20237526	5.57710529	5.83668886
0.637654	1.51099139	6.17133048	6.0035797	5.55309801	5.1711697
1.00E-04	1.37460051	1.00E-04	1.00E-04	0.68701705	0.89492868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.29278479	1.00E-04
0.2866935	1.21746707	1.00E-04	1.00E-04	0.70728376	0.68797166
1.42514458	1.57240193	5.70273132	6.0893127	5.59312756	5.40731427
5.11897611	5.26298087	6.20261058	6.09372703	5.78041538	5.98562225
0.97770034	1.15779449	1.00E-04	2.23691157	1.06209841	0.53800788
2.54377187	3.25380663	1.00E-04	1.05087657	0.24760841	0.97066231
6.36880808	6.36162451	6.20326206	5.86342974	6.52784969	6.60141407
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.19293049	1.00E-04
3.99504421	3.84048942	3.79619763	3.36749779	3.98282908	4.15596614
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.746155	3.03638553	2.89630283	3.14291519	3.47529334	2.86388029

4.07843998	3.9273422	4.23239754	4.5759668	4.85265334	4.61511191
4.97124509	4.9257602	4.90413365	4.99520686	5.18870225	5.3142205
1.00E-04	0.38408963	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.52492638	3.27542921	3.02042383	2.97395847	3.33979467	3.61248802
2.7060193	2.66587034	2.78796683	3.14882179	3.33420432	3.57540598
3.81189302	3.55643506	1.73310115	2.60729872	3.66971476	3.57712872
5.42038697	5.0197625	4.68442932	5.00968011	5.03995514	5.03268463
4.37086432	4.48724426	4.33335823	4.40070851	4.47069876	4.67870961
5.08524259	4.90716102	3.89875123	3.8057593	4.25556964	4.1973905
3.00778727	3.20933483	1.00E-04	2.29141997	1.21957791	2.05906348
1.27431368	1.00E-04	2.26668789	2.80211012	2.91413233	2.33876179
2.98324827	3.30883084	3.19792991	3.04036446	3.47569052	3.5874583
4.74166784	4.89740352	5.06476723	4.60151005	4.64743111	4.36146414
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65944691	1.17800186
1.00E-04	1.00E-04	1.00E-04	0.90265252	0.3340074	1.00E-04
6.0037411	5.68935198	4.75545279	4.53613574	5.16302848	5.20407776
3.36489664	3.78380257	3.54475511	3.36081324	3.6335619	3.8267431
0.16178697	1.00E-04	1.00E-04	1.24442824	1.00E-04	1.00E-04
5.43438379	5.41827107	4.36837868	4.16499364	4.21729533	4.12470478
1.00E-04	0.24251465	1.00E-04	1.00E-04	0.22206006	2.49174694
4.11613697	3.58539135	4.03306831	4.36290983	4.75854297	4.95962801
3.88294073	4.30074746	1.99302242	3.25225148	3.67988683	4.31656322
5.13650154	5.14114498	4.84611726	5.12642254	5.26858977	5.37992753
5.66103429	5.62503676	5.35246713	5.58245655	5.66508549	5.6422487
1.42136754	1.00E-04	5.27642095	4.63275279	5.41515263	5.52412633
7.35593957	7.32152859	6.39707628	6.27065099	6.2253914	6.41776687
4.5994462	4.64882942	1.00E-04	0.69241499	1.44005324	2.11754727
0.45044286	0.86765272	1.49210505	0.62209038	1.98226005	1.71500473
3.37124249	3.54515925	4.43569787	4.6204701	5.10299708	5.25810154
1.09230122	1.51517076	1.00E-04	1.00E-04	1.00E-04	0.55036061
0.46739644	1.00E-04	2.16483827	1.2327718	0.27564669	0.94638224
1.00E-04	0.5011611	1.11518827	1.42108615	0.23269493	0.70400943
4.83325568	4.71898397	5.12985038	5.22934323	5.35324135	5.08661813
1.8834526	2.05270849	1.6068095	1.32075973	0.43517553	0.12854881
2.73172911	2.97921841	3.74745401	3.54625371	2.94422443	2.01358541
1.00E-04	0.55552765	1.00E-04	1.00E-04	0.31877834	1.00E-04
1.00E-04	0.69392408	1.00E-04	0.25428292	1.12948104	1.82757228
0.55590981	0.66190635	1.00E-04	1.75661737	0.62273955	1.48739734
1.00E-04	1.00E-04	1.00E-04	0.77721523	1.00E-04	0.13067397
1.00E-04	0.62581593	2.61212341	1.31294114	3.06973728	2.82300576
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.87162624	1.00E-04
1.27967782	1.00E-04	1.00E-04	0.86329744	0.79346013	1.05385044
1.00E-04	1.00E-04	1.00E-04	0.20501279	0.11579337	1.00E-04

1.01401322	1.1484322	1.00E-04	1.00E-04	0.51182608	1.23078889
2.80449999	3.33008045	2.86962433	1.95437285	3.07874943	2.86517358
3.57099388	2.99133593	2.14274778	3.03612747	3.02355667	2.8872941
2.64248374	2.9084862	1.95610501	1.71113291	2.88373223	3.05798532
2.70096747	2.57339177	2.16483827	2.0569169	2.37502551	2.41292515
2.23969976	2.47954655	1.00E-04	1.72655425	1.07707494	1.50322922
3.65409221	3.77229927	3.72678334	3.96329055	4.42837151	4.34012244
0.09292159	1.82741783	1.00E-04	1.44905997	1.00E-04	0.74054048
0.75104299	1.00E-04	1.00E-04	0.97176731	0.97374316	1.00E-04
1.00E-04	1.00E-04	1.57238317	1.02315894	1.00E-04	1.71056307
3.17280974	3.45540359	3.13416054	3.08661566	2.70468723	3.49965012
3.39525007	3.36625959	2.50933718	3.0053442	3.42946421	3.39089861
5.44984944	5.44465265	5.25646855	5.31367811	5.29686056	5.1978483
5.72060729	5.64999339	5.47585058	5.46230366	5.53351241	5.60750507
3.8612398	3.76995515	3.06562878	3.62609358	3.57989771	3.92842437
3.99808664	3.90457066	3.94153824	3.87095109	4.1146072	4.13292347
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.24943972	3.09698667	3.71985841	2.96740068	3.37146704	3.1971531
3.77090027	3.53234536	3.96322096	3.80672292	4.37777089	4.32987179
2.09098915	2.59225732	1.06844428	1.61512062	1.92030794	2.31069859
3.62975716	3.43620668	4.3617109	3.85820834	3.630656	3.57756848
2.94986878	2.70937174	2.10092533	2.94159876	2.4389391	1.9570464
0.86126621	0.73983839	1.00E-04	1.29522775	1.42920605	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.45476398	0.49933521	1.52319676	1.27694695	1.48055299	1.18798102
2.05791602	2.20687507	1.00E-04	0.72411675	0.58557408	1.00E-04
3.98241405	4.12297751	3.73948201	3.11502297	3.50540607	3.75069149
2.85417851	2.62452326	2.55236992	2.5295266	3.23369066	2.66143857
4.11424526	4.35196034	3.19444376	3.60469099	3.92330188	4.06012921
1.25043178	2.03718113	2.6842089	2.97463287	3.0585554	3.37704602
2.94433556	3.54041989	3.46887188	3.27707458	3.52540352	3.86697663
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21288363	2.62100553	2.11893491	1.51431018	2.19646624	1.73169576
2.01935344	1.25507439	1.00E-04	2.10132435	1.79792264	1.4115094
1.15100583	1.54402956	1.00E-04	0.14912336	1.46213397	1.55921919
3.92989652	4.09993271	4.04536461	4.17869803	4.06957723	4.26505203
1.5847456	2.26176884	1.30986649	1.46013799	1.80013014	1.46758878
2.66923366	2.74088613	2.42721355	2.07381368	2.65711018	3.673196
3.56702044	3.34025248	3.99433793	3.52310267	3.85350241	4.12645955
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.86936736	3.02771131	2.79833334	1.94942334	1.98102505	2.14605549
4.35409058	4.1465261	2.5929532	3.43434799	4.71973181	4.6395068
2.00237789	1.58991492	1.06844428	1.27173605	0.84056563	2.23441032

2.27307826	2.23657412	1.00E-04	2.04998333	0.77551591	1.14874424
1.57523325	1.08103983	1.00E-04	0.67325668	1.26756357	1.79696647
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.02200806	3.13569023	1.42763756	2.89736525	2.84843751	2.8586277
2.52180099	1.6050888	3.66664588	3.4169575	3.41265216	4.0070367
1.73349034	1.24672313	1.00E-04	3.03348666	2.08037851	2.15255147
0.47900737	0.58812963	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62718384	2.66622464	1.6068095	1.57796184	1.83319786	2.36561835
4.42072423	4.31804751	1.00E-04	1.00E-04	0.37724529	1.00E-04
2.73336716	2.61974646	3.04254807	2.3732412	2.61574736	2.87474626
3.17565267	3.05020654	1.57312553	2.97362984	3.38507801	3.26306363
2.67233348	2.6671778	1.00E-04	2.27723636	1.44551658	2.25345174
1.00E-04	0.45118201	1.00E-04	0.88239944	0.58450605	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.13208847	1.00E-04
3.90440563	3.9074969	3.87696362	3.24989417	4.2682851	4.2835438
3.51862649	3.35936002	2.8543371	3.072779	3.35570534	3.71330336
5.56645954	5.19760101	6.00464844	6.36043617	6.09571823	6.03058463
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61309418	2.49114002	2.19086746	3.05605154	2.6508149	3.515256
1.46894989	0.30433976	1.00E-04	1.18411125	1.50036473	1.51294727
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.5035689	4.64247816	4.50060946	4.69480286	4.72950815	4.73147017
2.15462801	2.05917022	1.00E-04	3.0867564	2.16487774	1.88817132
3.24220995	2.92063472	1.00E-04	2.65701094	2.29096322	3.04524778
3.89347032	3.40598543	3.53184189	4.19560752	4.21110681	3.83768728
3.03045984	3.32216911	4.09452019	3.66325572	3.95376101	3.7203294
2.62217678	2.45727975	1.27996271	2.15173052	1.99056843	2.03305556
1.87565389	2.3866262	3.31019243	2.49894495	2.09643856	2.15178587
2.59090622	2.16872196	1.82687244	1.47688014	2.31850022	2.93040653
2.25431596	2.35554126	2.21067498	2.3796931	2.89618149	2.74361512
4.40755939	4.07934647	4.63466445	4.76610859	4.54783005	4.53540229
4.52245971	4.71962005	5.15013721	4.97571759	4.95819474	4.81799914
5.57404482	5.63990613	5.72992025	5.74267326	5.69490476	5.76156486
3.15553812	3.30608793	2.61471256	2.98236635	3.05820303	3.13985101
1.00E-04	1.00E-04	1.00E-04	0.44891413	1.00E-04	1.00E-04
5.27133635	5.23663295	5.27971808	5.27468561	5.07958868	5.17141792
3.76035091	3.69974317	2.72175272	3.28559967	3.79260848	3.54239781
2.40372717	3.05080726	1.81104972	2.59778211	2.64716295	2.4576112
4.80116376	4.61875179	4.58092283	5.22969351	5.30735845	5.10858422
3.56821205	3.70465033	3.2485859	2.92008867	2.71276715	3.67995043
3.74733867	3.20607234	3.52232899	3.43575578	3.81424539	3.57136139

3.03212785	2.74359696	3.47368395	2.24862054	2.98797264	2.60758975
0.87834553	2.24692809	3.49653598	1.88359349	2.47797623	2.79124901
3.382648	3.30220682	2.82037928	3.14895418	3.57204091	3.56284476
3.59483886	2.65951923	2.32722852	2.6204472	3.67988644	3.17620753
4.55387196	4.65893185	4.58859458	4.31992715	4.6684049	4.89045889
0.51731848	2.24670699	1.00E-04	1.00E-04	1.00E-04	1.29054279
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.20498201	4.18456754	4.26999929	4.05080162	4.13148415	4.45528085
1.00E-04	0.9628914	1.00E-04	1.00E-04	0.41954009	0.97205116
5.09090799	4.86557464	4.42670309	5.06194148	5.26716254	5.04595621
2.86650585	2.93471716	2.25176765	2.91475391	3.51011767	3.07849369
2.18143174	1.50901839	3.52522104	3.55229556	4.08534178	4.04274459
4.09531028	4.33008981	3.76546137	3.85373583	3.60556164	4.31792992
4.19970461	4.29630021	4.44730692	3.89196278	4.19439982	3.88978076
1.74855323	1.96261347	1.00E-04	1.4021521	1.27416724	0.92154516
2.54742578	2.46346637	1.30986649	2.40739221	3.17708708	3.21072244
1.00E-04	0.9989809	1.00E-04	1.21989058	1.00E-04	1.00E-04
1.00E-04	0.91027475	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.16985374	5.12775308	4.18696347	3.97939661	4.1318277	4.31758911
2.84958476	3.21091977	6.11942168	6.07944254	6.22459981	6.52128789
4.43502431	3.90061216	2.81570601	4.14453301	4.03537367	4.21717645
2.62803325	2.95927751	2.496034	2.70912653	3.29848735	3.05423323
5.82524877	5.7488974	5.64424672	5.78291433	5.80540817	5.65627276
3.08678269	3.12504525	3.38660844	3.32666798	3.33814486	3.28136924
2.70709435	1.56527312	3.23202481	3.54392827	3.07983914	3.48542363
4.19563345	4.09199349	3.66434019	4.58197223	4.67757434	4.46639758
2.62267559	2.05877717	3.61443145	3.6538582	4.71176359	4.72616646
1.00E-04	1.00E-04	1.00E-04	1.12945833	1.49294205	1.80587561
2.35883684	2.74552008	2.24023237	2.28931245	2.27166311	2.05404441
1.37663797	0.80781425	1.06844428	2.50102702	2.78467613	3.2980577
3.20871108	2.58635722	2.92680954	2.70138814	2.3226056	2.10683579
0.87680183	1.00E-04	1.00E-04	1.00E-04	0.26331377	1.00E-04
3.87132241	4.09939276	3.93256995	3.84257315	4.89308678	4.91759167
0.30100755	1.00E-04	1.00E-04	0.60692892	1.21379076	1.20760644
1.77488571	0.69267407	1.00E-04	2.45731261	1.8133565	1.81205268
0.64538864	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.32831434	1.19245377	1.00E-04	1.11758476	0.74484335	0.7585481
0.74143003	1.00E-04	1.00E-04	0.37082421	0.31853502	0.40278452
1.00E-04	1.00E-04	1.00E-04	1.1511825	1.00E-04	1.00E-04
0.62080191	1.32287042	1.00E-04	1.07117856	1.79022067	1.86199896
4.53344133	4.56696126	4.17792108	4.93363491	4.6047556	4.64729807
4.83627704	4.68009688	4.61563245	4.85088072	4.73846412	4.73698711
0.24136489	0.36710226	2.00743688	2.65232163	1.40778563	1.11723631

1.38020082	1.57971263	1.00E-04	1.91507168	2.24531774	1.06948599
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54988392
3.60131762	3.63529774	3.141354	3.61458801	3.70088253	3.6732632
1.59802117	1.03761228	2.56977955	1.58866343	1.18233108	1.96683912
2.30401218	2.48402563	1.99302242	2.70327625	2.6426172	3.16040756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
0.73425373	0.57497591	1.00E-04	1.00E-04	0.83358247	0.15499183
3.55843053	3.8126184	3.02950888	3.8221803	3.520995	3.82952992
0.93268311	1.5260746	5.5648333	5.15168841	5.42665422	5.75582082
3.998722	4.19441447	2.44990628	2.47352265	3.15452123	2.90988526
1.15048607	0.38408963	1.00E-04	0.70822662	0.83584167	0.46120108
4.40706158	4.48248496	4.54972426	4.02064591	4.18113991	4.39306679
3.23520984	3.65298786	2.29748569	3.17616867	3.31356083	3.75730007
3.53563744	3.92732387	2.73383676	3.66670302	4.00350388	4.16080865
5.17898457	5.01262218	5.50509202	5.28033766	5.40711297	5.20838795
1.00E-04	1.00E-04	2.45542063	2.91979771	2.30822123	1.70570827
5.09764224	5.06151801	4.81565879	5.69530535	5.56412852	5.61098388
2.12229028	1.12414109	1.00E-04	0.90582794	1.75852635	1.67979246
3.80949044	3.80225376	3.31342161	3.72499095	3.6461567	3.97996195
5.44837845	5.25520283	4.57445681	4.60553496	4.65792348	4.61983824
3.20139611	3.27363596	1.57312553	2.69436675	2.72227094	2.6736497
2.53701348	2.82949965	4.27565095	4.77120987	4.62812352	4.9776443
4.67115774	4.91659788	3.70573858	3.2917554	4.3732939	4.23942516
5.08046755	5.44309696	5.14944498	5.35176865	5.41243852	5.55427678
3.21764268	2.87220339	3.26323852	3.25538566	3.49330571	3.66757418
3.92465077	3.80789831	3.54562912	3.82815894	4.37131721	3.80575415
4.34550573	4.44355119	4.70485611	4.87174091	4.81289872	4.67548085
6.79729554	6.61715414	6.31394094	6.16836869	5.99655322	6.13708188
0.84161507	2.33108913	1.74894376	1.053967	2.394135	2.12552034
2.55573999	2.90826054	2.87401769	2.93000739	2.71081129	2.5746955
3.29050313	3.04021427	2.58432585	1.7586845	1.99707766	2.44352956
2.62894896	2.84218418	2.4613901	1.45385633	2.44747875	2.65665632
2.6382647	1.93127663	1.00E-04	2.41074678	2.20288749	1.60521602
3.85175653	3.70589589	3.94070748	3.71558024	4.05643651	4.01600936
4.88376137	4.75747399	4.41577866	4.58144156	5.06495483	5.12603218
5.1007059	5.34507062	4.99000484	4.76301412	5.47934795	5.75227965
0.15907666	0.9891462	1.00E-04	0.68354979	0.72842966	1.00E-04
0.65745803	1.28190978	1.00E-04	0.86473302	0.76061049	1.00E-04
7.24238527	7.44530882	6.45951858	5.66856639	7.10773808	6.96313342
2.62585325	3.12855975	2.4193897	2.89443852	2.94384874	2.69594532
3.78288506	3.38737283	3.04811748	2.94641529	3.3969742	3.6613277
2.699667	2.79021669	1.00E-04	2.02510336	2.14220662	2.36484701
4.55986934	4.51236398	3.79250692	3.94429644	3.7094487	4.27375139

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.00002181	4.05753256	3.49280856	3.42976116	4.34798572	4.58210839
3.87735729	4.06426694	3.25300815	3.7710236	3.7958187	4.26910753
4.48392457	4.40962768	4.34060911	4.64951423	4.76052154	4.88201547
1.18257476	1.19538874	1.00E-04	0.44891413	0.8847401	1.80263003
1.28628328	0.72108502	1.00E-04	1.00E-04	0.68959086	1.10525809
1.00E-04	1.00E-04	1.00E-04	0.15557081	1.00E-04	1.00E-04
5.01474938	4.87461954	5.7466427	6.16241635	5.77050094	5.855066
3.17142835	2.948821	3.10335281	2.7212405	2.65144352	2.88640075
2.95304687	3.32953871	1.01811585	2.46940197	3.03300031	3.15620438
3.0706849	3.41792112	2.92085847	3.47822677	3.55678617	3.8919511
2.19963147	1.96125756	1.92675998	1.62245306	1.81807966	2.3592061
2.00565386	0.9617924	1.00E-04	2.56220005	1.89446342	2.21247506
3.72064529	4.15115552	4.0520134	4.29118996	3.89387537	4.37305042
3.23234286	2.86114493	4.01706965	3.95258148	4.19952762	4.31947525
1.7237358	2.45771284	1.00E-04	0.90227318	2.09659552	1.79946389
1.00E-04	1.00E-04	1.00E-04	0.5393223	1.00E-04	1.00E-04
1.07480959	0.4932192	2.04595548	3.15515767	2.49991213	1.516838
2.66807163	2.92890298	1.00E-04	2.1696176	2.18192039	2.09478673
5.03828596	4.87343269	4.90797505	5.17565574	5.13925975	5.17600943
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.61795835	3.73603618	4.97781773	4.62471521	4.61516216	4.64932935
1.00E-04	1.00E-04	1.00E-04	1.12960075	1.90814158	0.37073618
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.0793064	4.62380438	4.30142682	4.55751274	4.39135499	4.39008141
3.47056318	3.60830121	4.21961333	4.0249551	4.31409879	4.55082026
4.6518296	4.61479066	3.37383014	3.86746429	4.40908135	4.23636044
5.04499214	4.88101219	4.98909291	5.43695124	5.47002974	5.18583089
4.78110414	4.96607101	5.47847656	5.49748132	5.46477608	5.40003296
4.6162405	4.24385264	3.97877125	4.67696175	4.4634439	4.57247514
4.49900427	4.2668902	4.76010998	4.02689965	4.29394663	4.51617728
3.84811798	3.15119007	3.49858644	3.24832471	3.50488898	2.87766462
4.34636461	4.40915937	4.51260178	4.86033055	4.54360662	4.49199258
4.86143636	4.92581607	5.52470018	5.7045098	5.60492707	5.44774908
1.00E-04	1.00E-04	1.00E-04	0.96369211	1.00E-04	0.68390115
3.43057254	3.45481546	1.00E-04	2.76683903	2.99203717	3.2357484
2.34853204	2.35037989	1.00E-04	0.79512331	1.99485493	0.89361623
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26621579	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.57395294	4.64771911	3.41944133	3.71443003	4.76342329	4.36920106
3.35796339	3.24921183	3.12475793	2.64987007	3.43690774	3.45307033
2.76437382	2.77703952	3.98467334	3.2485018	3.25807756	3.3731894

1.00E-04	0.3967811	2.20756886	1.44869523	0.46729914	0.60737477
3.07043903	3.36344883	3.20993865	3.34508183	2.88903499	3.33815623
1.91025839	2.44920958	1.00E-04	1.00E-04	0.82136996	1.93685615
3.04357604	2.97528396	1.00E-04	2.26237423	2.23456935	1.85140007
5.01161136	5.13341482	4.91897119	5.00949036	4.8086632	5.0480938
3.12811714	2.98860826	2.78184446	2.87744478	2.83455152	3.49409905
2.53143256	2.84659771	1.06844428	1.47344936	2.43023446	1.7791982
4.75442307	4.8579736	4.56305406	4.21646547	4.54793421	4.44741478
6.34861069	6.10180488	5.66032692	5.60654472	5.76244142	5.5285403
0.53423748	1.00E-04	1.00E-04	1.98549462	1.39455381	0.57696471
1.34523739	3.46058558	5.77291475	6.00574699	6.20364524	6.41851502
5.35299868	5.34165473	5.16920244	5.05997214	4.73123347	5.15573178
3.49426944	3.79265605	3.98864125	4.0093686	3.80801163	3.64158842
2.10004147	2.65700008	1.00E-04	1.05976276	1.86194262	2.11155235
2.84649482	2.80899367	2.18851787	3.21217717	3.09595626	3.32536483
5.31534638	5.20050037	4.73618314	5.19452933	5.1617249	5.22930438
5.69070701	5.53301249	6.44148338	6.59853058	6.38811691	6.50158612
1.00E-04	1.00E-04	1.00E-04	0.5730619	1.00E-04	0.57587866
2.6975995	2.68260575	1.00E-04	1.00E-04	1.06379195	0.56202506
0.1163586	1.00E-04	1.00E-04	0.78025129	1.00E-04	0.31227169
5.71088254	5.64686264	5.05887011	5.61031807	5.33383763	5.69152514
1.60451604	1.41673897	2.75333562	2.40669805	1.75410654	1.4797091
3.15241079	3.45823314	3.52134819	3.41784484	3.60201847	3.59489999
1.8422115	0.90368046	1.00E-04	2.11493295	1.70826053	1.99899723
3.21978499	3.41776781	3.70743847	4.18270639	4.42266736	4.15420005
1.45499452	1.55624645	1.00E-04	1.00E-04	1.05055375	1.00E-04
1.40235811	1.2677265	1.27996271	1.56049927	1.10074798	1.63420603
2.99283871	3.10854702	4.02746129	4.22291981	4.8937167	5.07584788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.39745596	3.81695946	3.41970015	3.91533917	4.13991925	4.42759379
4.25326732	4.30324374	4.83711789	4.39741893	4.69809304	4.66778444
5.18943465	5.02051186	4.68160208	4.84092502	5.01258869	5.11296287
5.74392778	5.77455259	5.57326609	5.66973053	5.54973165	5.83380128
4.16515634	4.09501277	4.93537949	4.77965224	4.92884238	4.89770497
1.00E-04	1.12093122	1.00E-04	1.00E-04	1.06978487	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.84085895	0.74881825	0.38032321
3.08938591	3.09429054	4.37376508	4.98255607	5.11890701	5.10007904
3.94379565	4.41072643	3.61487279	3.03323326	3.10082437	3.40739098
1.00E-04	0.76259626	1.00E-04	1.00E-04	0.47379323	1.08588145
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	4.90233097	4.53904443	3.99474492	3.49852706
2.49837885	2.64046854	1.00E-04	1.00E-04	1.54197344	1.00E-04
5.01385524	4.54589051	5.63345759	6.093717	5.91651507	5.37859801

1.01318851	0.50028658	4.89550863	5.05385909	5.16343927	5.24726798
0.85211649	1.00E-04	1.00E-04	0.72411675	0.343361	0.65519325
0.67325245	1.87043603	1.00E-04	0.80306694	0.75232419	0.60158028
4.88182546	5.15537142	2.77848467	2.99183528	3.29769056	3.31486498
3.08755364	3.28965869	1.00E-04	1.15939991	1.99702468	1.47934855
1.00E-04	0.99982759	1.00E-04	1.47258052	0.58629004	2.16158367
1.00E-04	0.41409474	3.57700123	2.9194233	3.16891692	3.61168069
1.05605985	0.36710226	1.00E-04	0.9880992	1.60861103	0.53273325
0.71963065	0.74331533	1.00E-04	1.07830506	1.00E-04	0.57226055
1.2830039	0.72050085	2.08421616	0.67051518	0.92664747	1.15176234
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.7053031	5.87504206	4.74752342	3.17321309	4.534674	4.82600777
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.49682085	3.768872	3.82030106	2.83053105	3.63923639	3.57692745
5.09736428	5.02467854	5.12698146	5.15873839	5.19729057	5.18402628
2.3828783	2.66522923	3.31180587	2.49681759	2.76069849	2.80974169
3.92002441	4.12474225	5.15271496	4.92644262	5.24785488	4.85349111
1.77335159	0.72542868	1.00E-04	1.30670335	1.73822874	0.69111637
2.32396432	1.44649862	1.00E-04	0.66574538	1.3578725	1.79450311
1.68492751	2.28169937	1.00E-04	2.82903917	2.58707929	2.49512633
1.00E-04	1.00E-04	1.00E-04	0.7626518	0.33647818	1.00E-04
2.47835806	2.42123525	2.30123255	2.89581738	2.36705083	3.28375078
3.07320495	2.91560262	1.00E-04	2.85315656	2.17341888	1.93743541
1.00E-04	0.54611412	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.91492359	4.97958437	5.19563828	5.86191544	5.66563707	5.50851101
4.92495742	4.93244569	4.88664561	5.39690773	4.84072855	5.07933036
2.97032216	3.059375	3.75737537	3.35074984	3.37166967	3.6528228
3.55283175	3.5395115	3.61948248	3.14620975	3.37471321	3.63834863
3.84380139	2.94729489	3.70888867	3.54735224	2.86739621	3.39347122
4.39557075	4.07026634	4.33930069	4.25507319	4.05830907	4.37467517
4.03041579	3.94494956	4.44765124	4.07195438	4.05859393	4.30924412
3.25312359	3.56977828	4.29683473	4.08195005	3.93287549	3.72117983
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.04189607	1.09413978	1.00E-04	1.24547121	1.53707964	0.43475361
3.36914962	3.50072229	4.06498972	3.25007734	3.61301732	4.17861374
3.89456325	3.6836327	3.81768198	3.08201949	3.60005112	3.77166645
1.47061898	2.2167029	2.05821718	2.76418423	1.99311433	1.65288319
2.87521084	1.76540889	3.46680371	3.56512626	3.03587589	3.8015849
1.12215925	1.43304024	1.28609943	0.75395882	1.37416751	1.45541792
4.12020402	4.09457956	3.46063015	2.89192697	4.12139924	3.76464713
2.84948606	2.00965298	3.36806709	3.51137584	3.69733176	3.83182675
4.10475297	4.28752034	3.82879741	3.64581742	4.05693503	3.5685003

4.9075492	4.60376879	3.76460014	4.45014814	4.28114349	4.25700413
3.44400471	3.7698242	2.70299022	3.60014834	3.61043985	3.65334198
1.30885788	1.34257024	1.00E-04	1.00E-04	0.33052186	1.00E-04
3.91807694	3.88591908	3.35345556	3.64394654	3.70219889	3.76723062
2.61582994	2.85368258	2.87377769	2.68528597	2.67373638	2.76074929
3.34497122	3.58655429	2.86801208	2.98238994	3.22170692	3.48939614
2.13713714	2.22175307	1.01811585	1.40814412	1.41650907	2.10378656
4.04246156	4.22212204	4.7066166	4.5805248	4.6667784	4.79635273
3.35386423	3.45040028	1.75318857	2.30540265	2.5267399	3.13233117
3.71744028	3.75006965	3.3052748	3.90570488	3.76692227	3.72556873
2.80629804	2.18785312	1.00E-04	1.71673683	1.2135701	1.00E-04
3.55032035	3.59998107	2.92205972	2.95930706	3.49911525	3.38501079
4.39205939	4.04809011	4.00201395	4.06712177	4.49528839	4.32230326
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.11578187	5.11968039	4.8805117	5.3185522	5.10633389	5.39416154
5.27271338	5.15296119	5.3984746	5.21362537	5.19510829	5.14797997
4.4882771	4.58000873	4.30038629	4.33834269	4.44380928	4.49988784
3.43246478	3.35544396	3.10058573	3.4603191	3.51022674	3.66981962
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5.31858849	5.07650231	4.98557205	4.97947975	5.08835388	5.14332856
3.77518065	3.33293004	3.68409049	3.6663945	3.55054139	3.77922631
2.96315711	3.13343193	1.84960269	1.98052506	2.34625285	2.55626612
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4.07824607	4.05550269	4.3299312	4.04994994	4.24989533	4.00567359
3.24043193	2.85436696	3.69931019	2.54290045	3.22654114	3.5090794
3.28591789	3.65424756	2.27044758	3.38797892	3.25724804	3.15804188
0.62080191	1.00E-04	1.00E-04	0.45991406	1.04735702	1.00E-04
1.92596252	2.30500661	2.59955941	1.83694434	2.25139324	2.77069434
1.00E-04	0.8646573	1.00E-04	1.00E-04	1.00E-04	0.19641509
3.48335043	3.56775699	4.17091627	4.64501159	4.65022819	4.35673237
2.43165546	2.76891152	1.91285577	1.56924449	1.85007958	1.34554385
4.90190659	4.61712716	4.81642769	4.84875907	4.82225072	5.16265721
5.17502902	5.06545644	4.90336259	5.46365393	5.45401291	5.55669786
3.15612281	3.15510649	2.68094632	2.84815027	2.9919691	2.9698796
4.06061127	4.1797855	2.98051058	3.30642044	4.19895928	3.88423432
6.127201	6.05749165	5.33602032	5.21351624	5.19390394	5.00339724
2.81194158	2.71258969	2.59149812	3.17206253	3.07786628	3.58689208
1.00148903	0.93699041	1.00E-04	2.1054823	1.2059436	1.02223871
4.73996545	4.52416258	4.78031921	4.85729504	5.07519847	5.02454564
3.06909403	2.74244218	2.0881732	2.62921089	2.75645521	2.35667865
1.76459967	2.85621249	1.7257134	2.67119257	2.94202333	2.52834378
1.00E-04	0.50399332	1.00E-04	0.89690252	1.01543865	1.22744645
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.73504349	1.00E-04	1.00E-04	1.00E-04	2.1457516	1.2398409
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.70120444	1.00E-04	0.57696471
5.72516123	5.71128936	4.81588429	4.77742906	4.77988164	4.78325275
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.80448067	4.00820661	6.24247696	6.12784458	5.07520304	4.94082625
1.00E-04	0.49626678	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.15188218	3.0859123	3.73962969	3.75289628	3.23775629	3.34573662
4.84310232	5.10084138	3.88787128	3.92448857	4.81896362	4.62902853
4.98677764	5.04041297	4.50991036	4.69067825	4.6508865	4.64673326
4.4102724	4.47124048	4.47501777	4.32731956	4.39936974	4.65310034
2.87472961	2.85042391	4.34960463	4.46395479	4.64566226	4.28964727
3.08772679	2.24024548	4.76239262	4.84176411	3.878787	3.56924283
3.79227717	4.18203155	2.31096304	3.37530233	3.06834797	3.45738769
3.70501374	3.93650115	2.55101739	2.96950991	3.26184556	3.39217752
3.69931158	3.63220482	4.12975074	3.28363751	3.50278108	3.40639276
3.70165556	3.47185778	1.11518827	2.75628655	3.13111625	3.07038534
3.28474953	3.14155694	2.32230707	3.28764734	2.79614269	3.11624739
3.50414076	3.49338895	3.79074095	3.677394	3.81182767	4.14541379
0.96289522	0.75333424	1.00E-04	0.24575289	0.81661316	1.24575277
2.21902927	2.88571402	1.01811585	2.11211201	2.66160635	2.67684355
4.43381429	4.23413991	4.32012268	4.08075815	4.28129002	4.50016394
3.76145226	3.41489528	2.89551067	2.98751158	3.71474663	3.58608548
2.42730083	2.38261716	3.0402206	2.64179475	3.07751528	2.96542624
2.87548279	2.88442625	1.00E-04	0.41871868	2.13705839	1.80221479
0.99686157	1.00E-04	1.00E-04	1.00E-04	0.68305516	0.46785861
4.507555	4.63968622	4.72428045	4.91539012	4.65382488	4.91482409
1.5668767	1.38596673	1.28609943	0.54938023	1.4899704	1.22417577
4.58683668	4.65723163	4.85291816	4.61704024	4.61859476	4.61987062
5.51594007	5.72060745	4.3054124	4.831288	4.83610071	4.78745631
0.98723488	1.43455858	2.08421616	2.64991662	1.96130292	2.0231815
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49981427	0.14317243
1.19421756	1.99625484	2.3224042	2.66060301	1.33119021	1.86404767
2.89645339	2.22284944	2.52649059	1.70531456	2.57486167	2.65155471
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83508919
1.43251121	0.59374324	1.38754516	1.20626936	1.36620524	1.37339755
3.03550106	3.43363255	2.81628866	2.25724476	2.69199435	2.1637984
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.39633344	1.63464032	1.00E-04	0.95537362	0.89217244	2.15392175
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.94259071	0.63913365	1.00E-04	1.00E-04	0.24021141	1.00E-04
4.23221204	3.91282705	4.65460072	4.37741037	4.58117955	4.65030542

2.11233792	1.81296234	1.6068095	0.85024537	1.83010477	1.60450855
1.00E-04	0.56368347	2.00743688	1.39094491	0.46813749	1.33181339
2.09191873	1.97256617	2.96459883	3.6045902	4.23530565	4.24584844
3.34005787	3.30667994	3.45122503	3.39955444	3.00637385	2.86828538
0.15907666	0.46062364	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.93512484	1.96210247	2.52228149	2.26881431	2.08939392	3.05193308
1.28989919	1.45576377	2.04595548	2.10085376	1.19197383	1.25610048
0.73425373	0.5011611	1.00E-04	0.90265252	0.95038766	1.00E-04
0.62872675	0.86123138	1.00E-04	0.95537362	0.78739023	1.00E-04
4.79484013	4.75399684	4.25238109	4.21768851	4.42529929	4.60491668
1.15128253	2.0451718	1.06844428	0.89018596	1.73452971	1.76202158
4.57219311	4.98322195	5.04305112	4.86407172	5.27461045	5.46477778
1.35690769	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36890356
4.85312606	4.59385817	4.93441249	5.25359011	5.2343193	4.83948696
2.86803252	3.65732665	2.85297309	3.10204678	3.60367087	3.2391799
4.02804752	3.77023109	4.44058156	4.46004572	4.51378339	4.18363813
5.14704179	4.93911985	4.83146653	5.17012501	5.03808892	5.04845033
4.66369708	4.35049127	4.5409744	4.33089129	4.78584546	4.75812941
1.95118562	2.05644596	1.89833233	1.03091787	1.86131811	2.0151625
0.88503446	1.5417382	1.00E-04	0.56244147	1.64648049	0.97590369
2.59235632	2.23517988	1.00E-04	2.27361962	2.6889033	2.17447006
1.00E-04	0.64993987	1.00E-04	1.00E-04	1.00E-04	0.60360132
0.71720198	1.20390682	1.83013888	1.00E-04	0.40109178	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.21435137	2.78290373	4.14870529	3.37021074	4.11735826	4.10700194
1.00E-04	1.00E-04	1.00E-04	0.6391028	1.00E-04	0.31227169
2.15660297	2.51949608	3.02081526	2.57481309	3.43815376	3.46545631
4.80776884	4.77224322	4.77220098	4.72390364	4.59189633	4.87594653
2.45333545	1.66765742	3.03343535	1.42419652	0.84542162	0.79247915
4.37177899	4.62407647	3.72671634	3.74894738	4.56294025	4.2026355
6.00962426	5.90733646	6.56745217	6.8598499	6.46440005	6.45529317
1.00E-04	1.00E-04	1.00E-04	0.28453275	0.39986	0.46873513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16276316	1.00E-04
5.47869002	5.60089554	4.98904642	3.99653196	3.35253388	4.13686396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.36671575	4.04327234	4.04033357	3.54538898	3.78945371	3.93681281
1.00E-04	1.00E-04	1.96627008	0.9746162	2.34877326	3.18023588
6.5446085	5.62459601	5.38918613	5.04523201	6.5218801	6.03656923
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.61103524	4.846145	3.32799451	3.15270547	2.78701979	3.27763477
2.30097703	2.59835313	2.63176708	3.02014499	3.10434988	3.20341263
3.62187344	3.98056999	3.13898651	3.19855701	3.72894378	3.65833505
2.71615968	3.10044259	2.37545837	2.45816518	2.99696618	3.50267741

3.87521766	4.25499345	4.29245264	4.39896366	4.33239849	4.44972572
5.46170665	5.2690328	5.61164861	6.20897769	5.43057371	5.50078598
4.23813373	4.43010774	3.63789351	3.64089984	4.62421953	4.65817378
2.35594208	2.80240402	3.34578447	3.41225436	2.94560885	3.12104179
4.22236449	4.51265303	2.31900226	3.33255825	3.65912281	3.20629361
2.91060091	3.12055647	3.52626681	2.58357768	2.93122784	3.21485081
1.2990025	2.35940549	1.69994631	1.3851604	2.03052788	1.5668035
4.46154467	4.50099748	3.62978433	3.45069349	3.62342181	3.95418791
2.41846761	2.05611811	3.50613635	2.80839157	3.15769591	3.28870092
2.69810053	3.12484406	3.29691922	2.32244057	2.41262867	3.29364944
2.76169312	2.87229396	1.52319676	2.31455347	2.34762015	2.07293342
1.6030008	1.41568417	1.00E-04	1.94014567	2.45267537	2.19472891
0.27093267	1.85317221	1.27996271	1.02315894	1.12003754	0.57877703
4.18714473	3.86832694	3.63402789	4.51908487	4.34690113	4.23365004
2.87793395	3.26800323	1.7100959	2.47832049	3.43428922	2.49559513
1.00E-04	1.00E-04	1.6068095	1.00E-04	1.00E-04	1.00E-04
2.30765884	2.53236426	1.00E-04	1.00E-04	1.32217417	0.20628126
2.60903386	2.65568862	1.82884255	2.09299805	2.90403637	2.92289029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.42510376	2.20226521	2.38639631	2.29312946	2.84568117	2.84609177
4.64265522	4.80142649	4.86926728	4.91031461	4.82100036	5.17906661
0.59342542	1.00E-04	1.00E-04	1.00E-04	0.47032865	1.00E-04
3.88242351	3.65868094	2.79294563	2.6991682	3.37406689	3.27675138
3.72658828	3.39980259	3.05271634	4.15578206	4.14420035	3.86106652
4.08427193	3.850378	4.99324598	5.10710391	4.68876539	4.42769183
5.49935667	5.40234959	6.38128285	6.71273306	6.12510228	6.01795221
1.00E-04	1.18038168	1.00E-04	1.00E-04	1.47729037	0.13067397
2.22750402	2.54364675	2.04817879	2.39236918	2.25310306	3.17969591
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.11684281	4.7836031	4.92332877	5.23185247	4.96644638	5.13515563
2.07097883	2.18604126	1.52319676	1.00E-04	1.22347642	1.00E-04
2.4219974	2.77728625	1.49210505	2.16204948	3.24510379	3.12552952
1.28743043	1.9158199	2.98009445	0.86512367	1.46136863	2.50021477
4.77558587	4.83488481	4.49945629	4.67089255	4.83494068	4.42266548
1.82637597	1.1654746	3.88779205	4.41237165	4.37516238	4.48516289
4.45623784	4.50192351	3.9711475	4.50840468	4.52930389	4.84689842
0.49688713	0.76114587	1.00E-04	1.92422799	2.12451552	2.41508653
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01315637	1.59410308	1.00E-04	0.24575289	0.72425006	0.94239441
1.00E-04	1.00E-04	1.00E-04	0.56399031	0.33647818	1.00E-04
1.17161515	1.90420049	1.00E-04	1.3031113	0.79469182	1.56630025
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.24391547	2.998077	5.08979173	6.16653924	5.33939575	4.70601189
3.07093804	3.14546091	4.61410898	4.18090596	5.1816808	5.22478228
0.78993387	0.9989809	1.00E-04	1.63708359	0.10440683	0.32900361
2.41735993	2.74374632	4.33648383	4.27688881	4.21918372	4.08831005
0.51186136	1.30502164	4.36633696	4.56106846	5.29304137	5.4873452
2.57807234	3.14376384	3.157813	1.93995429	3.24809412	3.26445695
4.86219892	4.51521153	2.67126623	1.06200282	1.54799383	2.35873328
4.4283213	4.60729308	4.45762113	4.43490356	4.38088644	4.0462197
1.80127377	2.89478931	4.21084978	3.20474649	3.85456691	4.58657685
3.41016414	3.88283325	2.45798211	3.24289066	4.32903471	4.17907055
3.72859871	3.55766121	5.71896494	6.05890227	5.49795275	5.0491661
1.40498808	1.22732966	1.9503961	1.1348349	1.710225	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.23163301	0.69835557	1.00E-04	2.58433244	1.50960074	1.00E-04
3.74116522	3.98770165	2.3824664	1.00E-04	1.14464577	1.01593807
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64381219	2.29670883	2.26668789	2.82844099	3.28630973	2.8644178
1.41757843	1.93613825	2.54080566	2.75360018	2.96464654	2.87268104
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.67125757	4.44654928	1.28316224	1.00E-04	1.42864205	1.18704974
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57137294	0.40709304
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67743264
3.62794763	3.99051325	3.59504753	4.88504704	4.14927486	4.33925911
2.55954035	2.76781472	3.02289423	3.44657878	3.73903409	3.57572651
2.13723343	2.06948975	1.38754516	1.76097354	2.62406536	2.76163502
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.81977205	2.19612408	2.13773842	2.85638531	2.60772155	2.99180521
1.10061435	0.74331533	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.52687612	0.58738387	1.00E-04	0.79830865	1.32985422	1.68360055
1.45315142	0.96557607	1.00E-04	0.88854218	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.46524062	1.70512668	2.68944868	0.49595628	0.90815941	1.6764409
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.79442709	4.94269652	5.06339297	4.86878365	5.19247521	4.88102063
1.96890784	1.6577497	1.00E-04	0.86014803	1.1442339	1.48642061
1.53801185	1.97636087	5.93262113	6.10339959	6.3084629	6.30431063
2.53650473	2.52605914	2.23591737	1.64383503	2.4871806	2.31397134
1.00E-04	1.00E-04	1.00E-04	0.56029689	1.00E-04	1.00E-04
5.42949406	5.56014444	5.01858929	4.88716954	5.22824405	5.38429283
3.35599625	3.20496541	3.31730599	3.57220711	3.53918383	3.43744657
2.56266248	2.93700657	1.00E-04	0.7537902	0.41144162	0.38694381

1.00E-04	1.88577907	2.04595548	2.29260761	1.29182694	2.43964737
2.71958532	2.70958772	4.8122728	4.96012241	5.03935208	5.31307291
3.00753924	3.19902084	2.83626108	1.39618463	2.68676295	2.62134748
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42990687	0.96587894
3.89557889	3.8064377	3.3583582	2.45172396	2.32549662	3.3147582
3.7984303	3.90748088	3.80238127	3.58069731	4.25138633	4.33072861
5.55683565	5.56466102	6.01459018	6.30352017	6.10009784	5.94090787
1.00E-04	0.67526174	5.50627285	5.24137933	5.67969056	5.62280045
3.87567066	3.37693003	3.57995531	3.72473368	3.69009266	4.25498215
4.23310406	3.90947909	3.84872231	3.93414606	4.06205466	4.41848851
3.02267633	3.2195144	2.88529623	2.72054934	3.36133541	3.54613737
1.44794357	1.38346199	1.00E-04	0.96008477	0.68845175	0.53812177
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.1593935	2.96165492	2.10092533	2.69006222	2.73324572	2.52467926
0.35507067	1.31591445	1.30789632	0.62779469	1.03996553	0.89335143
1.00E-04	1.14933417	1.49210505	1.19140816	0.4987306	1.1187246
1.16327245	0.24251465	2.5539294	1.5857672	0.8077833	0.48552487
1.97482046	0.38408963	1.27996271	1.61536731	0.48582051	1.16985061
1.34330707	1.00E-04	1.00E-04	1.05531909	1.00E-04	1.00E-04
4.68630183	4.48025439	4.77292335	4.97789328	4.725017	4.53823078
2.95732441	2.90140242	1.30986649	1.08391103	0.97272408	1.00E-04
2.31918965	3.13716761	1.82687244	2.22617124	3.24186771	2.85714154
3.83718219	3.51592495	3.1006537	4.43630273	4.29294944	4.17249304
5.78607103	5.64305373	5.06936143	5.52834173	5.18293399	5.14328013
2.37157163	2.56524591	2.57887867	2.57075868	2.82763674	2.47288091
4.41410708	4.41838292	4.26893318	4.48782317	4.0622121	4.05925611
1.00E-04	1.16874713	1.00E-04	1.29753501	1.13281308	1.00E-04
0.80839884	0.6641313	1.00E-04	0.75208954	0.51350741	0.88345356
2.77907153	2.43548748	4.69978948	4.18878026	4.44994634	4.72051115
3.92201627	3.846805	3.99672553	4.54104851	4.87348704	4.52562436
1.08500165	1.89830683	1.00E-04	0.86014803	0.42311709	0.68276565
1.20169303	1.00E-04	1.00E-04	0.71219483	0.42757985	1.00E-04
2.31367514	1.71251475	1.00E-04	2.05207815	1.53660188	2.23406592
1.00E-04	1.00E-04	1.00E-04	0.89834432	1.00E-04	1.03340237
0.09415495	1.00E-04	1.00E-04	0.78025129	1.00E-04	0.60854564
1.53628474	1.00E-04	1.00E-04	1.00E-04	1.05130916	0.78661173
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65519325
0.29810286	1.35346919	1.00E-04	1.00E-04	0.65334627	0.35419377
2.59524768	2.60739462	1.00E-04	2.60721989	1.94649567	3.04881836
5.64300547	5.63211373	5.72692333	5.71943659	5.87058724	6.07552398
2.90385303	3.03664551	2.84118039	2.55940017	3.48441134	3.53758668
2.36489689	2.41510672	1.00E-04	0.75158285	1.64869037	1.73920581
3.71237906	2.87071718	1.93119131	3.36731013	3.44318672	3.10548592

3.65750755	3.83340829	3.56190901	3.25230429	3.70446539	3.25665779
2.20471449	2.99888194	1.27996271	2.30985775	2.87806004	2.33472692
4.50847563	4.62026212	3.99096193	3.65633722	4.19975486	4.59931862
2.8943345	2.57266233	1.00E-04	1.74041216	2.21372006	3.17235687
3.08930741	3.62659164	3.31356533	3.10602826	3.0639164	3.75039135
4.21839262	3.85768669	3.71032735	3.99418563	3.86985521	3.88581964
3.69285573	3.0007099	2.44843767	3.41160957	3.4929408	3.42105145
2.46046062	2.51293782	3.16957564	1.98851861	1.89819159	1.56333852
0.64937513	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.20356643	2.11764667	2.61843225	2.39234282	2.19849466	2.86603306
6.89183248	6.87628089	6.46828025	6.42139485	6.72953079	6.73927331
2.28599776	2.606714	1.6068095	1.6817478	2.31132262	1.44477977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.16666189	3.27031037	2.36138217	2.94793244	2.60530237	2.88000969
0.48875286	0.55591422	1.00E-04	1.00E-04	1.71256474	0.90117553
1.76616167	2.53484707	2.34652722	1.38443767	2.12427916	1.87178328
1.35595622	0.79122954	1.00E-04	1.32004078	1.11059834	1.05302275
4.86311109	4.73434603	4.77915706	5.04316564	5.0048167	4.8758392
3.96944115	3.95528808	3.48152455	4.52126246	3.9908803	3.77280584
0.8568541	0.64234672	1.00E-04	1.73323097	1.45546494	1.8389154
3.77450572	3.4038089	3.66265924	3.23473736	3.73254332	3.93683068
4.13162913	3.90368427	1.62929637	2.58309367	3.6576342	3.3256844
2.26229018	2.75849762	1.00E-04	3.01609142	2.80203252	2.79717347
4.38281191	4.2621156	3.03194679	4.45677441	4.89499656	4.81297597
2.564524	2.26328944	2.61784235	2.47677896	2.4191304	2.26955568
1.99419419	1.15887536	1.00E-04	1.00E-04	0.48036069	1.00E-04
3.771447	4.08354312	3.6789876	3.69664522	3.96078941	3.89225611
4.461214	4.31235492	3.85800379	3.4925302	3.67945755	3.95973066
3.07120393	2.64915261	1.00E-04	2.72106926	3.11151589	3.7620624
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	0.43251302
0.18020261	1.00E-04	1.00E-04	1.00E-04	1.27510931	0.76004942
2.44514151	1.00E-04	1.00E-04	0.72056265	1.64739709	1.9356627
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.51373847	1.00E-04
2.45703076	2.88594635	1.42763756	1.90263773	1.99696531	2.3833661
2.7380586	2.89533535	1.00E-04	2.3227786	2.77541726	2.52031607
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.36673198	2.6582773	2.04874719	1.70806132	2.38965275	2.0065966
2.69110786	2.25994384	1.01811585	1.90328852	2.22093482	1.71556947
4.13344944	4.39055104	3.1139551	3.74033048	4.04890133	4.26425757
3.86389558	3.77384307	1.90695286	3.11972647	4.13237945	3.73265187

4.87649323	4.73116344	3.84531082	4.21292335	5.25719754	5.23697783
2.44856517	2.1059567	2.31786783	2.41664414	2.28270626	2.2101613
4.90873144	4.80161211	4.82852013	4.40208814	5.10930342	5.25502058
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34669369	1.41522302
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10780538	1.00E-04	1.00E-04	1.09681708	2.13942889	1.00E-04
4.19195369	4.17770243	4.0754059	4.17082984	4.18166933	4.19803289
3.43620312	3.01267157	2.87791029	3.73446719	3.4488618	3.02659524
3.36976043	3.89148872	4.78495364	4.24374864	4.68225015	4.42720785
4.20487584	4.39953349	4.5520607	4.56543195	4.69130038	4.65382094
1.00E-04	1.00E-04	1.28609943	1.00781832	0.58781157	1.00E-04
3.45554938	3.65892864	2.35241616	1.70746478	3.02574117	3.06296142
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.14514366	3.91825309	2.91741067	3.74297392	3.42325767	4.04586347
5.02118231	4.93831597	4.72110531	5.09508613	5.02271386	5.07754354
3.48837294	3.54960039	4.85682268	4.63211758	4.32422998	4.44236857
2.68016601	2.72059699	2.19528676	2.27134744	2.38994428	2.29619768
3.1029435	2.78940765	1.7100959	2.8640559	2.72141806	2.34405807
4.64878425	4.81309067	3.8461017	3.39317443	3.68660757	3.49194531
3.95407276	4.15257887	2.01665726	2.7048953	3.31878229	3.53458796
1.00E-04	1.00E-04	1.00E-04	0.56487062	1.00E-04	1.00E-04
4.84686242	4.79509167	4.50729458	5.00329823	4.9304154	4.78297036
4.94956731	4.95525017	6.03189282	6.44546307	6.0791643	6.09237759
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.67277844	2.47496924	1.00E-04	2.04052679	2.631303	2.60002949
3.53739157	3.38727987	3.70716534	3.96172394	3.77049519	3.64970522
3.22438346	3.0590334	3.05668312	2.83869684	2.62656104	2.8124767
1.81413726	2.41543555	2.40550592	3.00692314	2.68706787	3.11781293
2.69993191	2.73169161	1.00E-04	2.15502022	3.02760002	2.29177966
2.7194317	2.19487635	5.05633674	5.53582164	5.56347547	5.64978534
0.86119732	1.81212397	2.30123255	2.2429053	1.7166097	1.25214728
4.44500038	4.44363108	2.60414399	3.87633374	3.49929142	3.76049588
3.50345311	3.44270647	3.73036386	3.50412058	3.32637205	3.44507796
5.35400561	5.36538021	5.07815438	4.76605356	5.0100755	4.96513211
0.87586501	2.06719442	3.48091396	3.45546768	3.56150191	3.25129727
1.00E-04	0.8918081	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	3.9229445	3.53404028	3.09407029	3.39722159
2.47809617	2.88479385	2.67555844	3.14999793	3.41466581	4.0701031
0.33863567	0.99216602	1.00E-04	1.00E-04	0.32174827	1.00E-04
2.31769374	2.2107283	1.62929637	2.06280745	1.92979554	1.1729532
3.68966499	3.59860673	2.97997821	2.86936115	2.86047738	3.44039062
3.29050273	3.48796883	3.44844608	3.05297277	3.30240014	3.5631284
4.93686154	4.53831273	3.93723252	4.74750779	4.55374326	4.83820427

0.85783963	0.86067462	1.00E-04	1.27303861	1.00E-04	1.00E-04
2.12153263	2.67083086	2.53252177	3.05494505	3.14472566	3.31322796
1.00E-04	1.00296909	1.00E-04	0.37250181	0.62917772	1.07549753
0.74558547	0.43785363	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.93883049	3.65359423	2.81318377	3.23276021	3.65581281	3.82574713
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63255951	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.91117975	3.46548786	3.77714301	3.6156419	3.67126731	3.1974528
2.75344254	3.0204848	3.15155028	2.68099961	3.30097737	2.91720673
4.65982699	4.7155948	4.38587863	4.22377592	4.36753024	4.36889854
3.92702582	3.68808645	3.758593	3.43469598	3.50792153	3.78884404
3.45890714	3.80951248	4.54440181	4.54700677	4.32348359	4.3647755
3.15838264	3.29732885	3.4183136	3.00356894	2.99633231	3.3664938
0.94404752	0.5882165	1.00E-04	1.6488069	0.95940625	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.79679502	1.5596351	2.89644398	2.67340785	3.13977088	3.74632938
1.42493066	0.67399315	1.00E-04	0.7917538	0.23239377	1.00E-04
5.41039929	5.27274199	4.53155333	6.94292975	5.2336978	5.02430985
3.29330418	3.75956068	3.38846918	3.30954899	3.23496104	3.51999431
1.16078406	1.31464409	1.46133917	1.3390221	2.52755333	1.12258953
1.73520531	2.24452964	4.14400922	3.93220132	3.57364007	4.07698103
2.94762883	3.20213237	3.39763661	2.79613845	2.81095351	2.58280289
3.12545591	3.35307152	3.42427047	2.85252068	3.04828745	3.21778991
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.77347577	1.38754516	1.4826278	1.00E-04	0.59587285
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43458804	1.39936456	1.00E-04	0.81392237	1.23982298	1.98122025
4.63052419	4.47725082	4.28321894	3.7218868	4.01361895	4.43012284
1.70675788	1.24426525	1.01811585	1.79194637	1.84259806	1.26115339
1.75061069	1.70546367	2.22351578	1.647825	2.13194796	1.50556822
3.12100208	3.12769025	3.5573008	3.35261877	3.3200178	3.32814798
2.63372656	2.42236194	1.00E-04	0.78875579	0.77703945	1.00E-04
4.22072647	4.0334749	2.38763995	3.26631167	3.93330605	4.05228371
5.62039048	5.53551102	5.07737501	5.64726644	5.68350172	5.62836242
1.00E-04	1.35585701	1.00E-04	1.00E-04	1.00E-04	0.91632913
4.54400386	4.7187515	4.42624604	4.29733596	4.51633126	4.75095876
3.1388512	3.07032966	3.71406894	3.71674291	3.29488415	3.74577615
2.87943568	2.39582611	2.98989442	2.91994727	3.0135493	3.2243246
1.00E-04	1.23280026	1.00E-04	1.65713257	1.52550533	1.51116887
2.57841891	3.02899914	2.73943471	1.4352025	1.4145463	1.87881765
3.69148463	3.56397716	1.06844428	2.57902989	3.78596447	3.84782782
2.52802259	2.52105155	2.40966879	2.62730153	2.33641739	2.40281474
3.79941663	4.01709387	3.1822913	2.91565166	3.72125709	3.90691373

3.78473992	3.45982692	3.39885006	3.18142099	3.55219032	3.6481584
3.80255432	3.69424381	3.26980949	3.2619053	4.12025443	3.85988571
1.00E-04	0.82344747	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.04593881	5.13124293	5.72778142	5.72168365	5.4786401	5.40178286
3.29665923	2.33064524	3.79372574	4.38092796	3.73021019	3.43837689
4.85695067	4.82976111	4.42786733	4.09686655	4.60218622	4.57786981
3.91776461	3.72033971	4.53398216	3.92056971	4.20928127	4.62806862
3.18746898	2.98155575	1.00E-04	3.05213874	3.14776748	2.87698261
4.02488514	4.02255759	3.57397885	3.08047479	3.80087262	4.12289554
4.08252314	3.89962369	3.52304655	3.09032545	3.54983844	3.81366198
3.52644913	3.48256115	3.17667154	3.69936128	4.17618479	4.0374998
0.90855876	1.35252312	1.00E-04	1.78409211	1.0351123	0.13067397
2.52520726	3.26356064	3.89586931	4.12974232	4.47248449	4.74679045
1.00E-04	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.00E-04
5.89600294	5.68296177	5.5311542	5.85889811	5.67571641	5.81149937
4.90733289	4.89599856	5.12004362	5.010356	4.8167549	4.72906634
2.88954966	2.7444917	2.94014634	2.65447554	2.69917503	2.44037483
0.35507067	0.99708569	1.00E-04	1.00E-04	1.07047522	0.67633377
4.4525471	4.52793609	3.30980884	3.14640011	4.3392288	4.09737937
0.80221069	1.00E-04	1.6068095	0.89834432	1.00E-04	0.90726669
2.43154139	1.28364852	1.00E-04	2.24867132	2.02877323	1.44294273
0.65481446	0.8978623	1.42763756	1.00E-04	0.5021994	1.00E-04
0.52523255	1.25087891	2.7988889	1.1925634	1.16649474	0.53812177
6.18801412	5.55598348	3.61259071	3.24955428	3.47725676	3.4379398
0.63771028	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.47183175	2.60839735	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51044831	1.00E-04	1.00E-04	1.2543128	1.00E-04	1.00730535
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.0210211	2.61873272	4.17075107	3.85930667	3.76706098	3.59186557
3.01537016	3.13336667	2.35830043	2.75597622	3.10981186	3.65357695
4.02145526	4.09050195	1.74110187	3.5774433	3.90084747	4.24916876
3.36023784	3.72024922	2.54080566	2.30478945	2.86116527	2.75668109
3.63691806	3.63741137	2.72275006	2.4007612	3.35857592	2.58681485
1.64762401	0.36710226	1.00E-04	1.00E-04	0.39539088	1.00E-04
2.71160329	2.9594431	1.27996271	2.4190845	2.82525523	3.38812457
1.35087848	2.22512691	2.88479379	2.1439245	2.69869559	2.85451505
4.67142853	4.8637784	4.82423316	4.52924424	4.51490585	4.69830809
2.78034295	2.65264012	2.10161054	2.7708706	2.54037301	2.26229839
3.03853451	3.44262482	3.66448788	3.40854095	3.08823289	3.06341816
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.28055977	4.06571014	2.40227448	3.31509275	4.01255397	3.91156276
2.68074406	2.35925611	2.7894529	2.94824867	2.84798805	2.74541164

3.13209701	2.90506944	3.78985368	3.70891562	3.52897117	3.81118053
1.03523996	0.37215976	1.85693283	1.45830231	1.25612879	1.54427617
1.15714019	0.61145469	1.00E-04	1.9857923	1.20627395	0.97721846
1.00E-04	1.00E-04	1.00E-04	0.65562728	0.21911936	0.74704602
2.24702365	2.4408833	1.00E-04	1.00E-04	1.00E-04	0.36890356
3.82280762	4.15008468	2.8438386	2.78436033	3.53561942	3.53098372
8.10388265	8.35164055	6.76456822	6.33977749	8.10851947	7.80973091
7.53962093	7.72712271	6.39700986	5.65691777	7.1845292	6.87464211
6.90752908	7.0493689	5.3674012	4.96038542	6.43323378	6.05055548
7.08384555	7.35142329	6.22752674	5.48389097	7.00312972	6.81601218
8.11955242	8.32601673	6.84853911	6.40936285	7.64743104	7.65075018
7.76222109	8.0072185	6.40587341	6.02437688	7.34787854	7.16359834
6.695984	6.85733932	6.30515947	5.37238881	6.61132918	6.55215449
6.77956364	7.13738356	5.70988276	4.99933979	6.60906486	6.27993642
6.87014872	7.12097791	5.81806997	5.16369858	6.77757648	6.50534278
7.81367997	8.02863369	6.8816289	6.25517064	7.7997377	7.71108555
1.00E-04	1.00E-04	1.00E-04	0.64324128	1.00E-04	0.16236604
6.92950735	7.17715723	5.84841046	5.22908617	6.8318875	6.66581287
7.27391441	7.38099053	5.41733088	5.27370907	6.70133231	6.26750704
6.81800237	7.01976825	5.79364496	5.22309156	6.79935848	6.62588221
4.66656481	5.08143852	3.88280281	3.87770333	4.99317959	4.68522681
6.57704435	6.75755682	5.85608825	5.17902081	6.39826367	6.21280439
6.92030231	7.12990548	5.15224716	4.67271297	6.50981005	5.92034928
6.78426539	7.03740725	5.99743287	5.35437597	7.00314515	6.79371939
6.22914215	6.41675461	5.01853353	4.46164055	5.97017993	5.73889141
2.17929175	2.40335143	2.63053384	2.42137735	3.04007216	2.65737183
6.98661884	7.13234292	5.76093791	5.14474502	6.52780224	6.26270334
7.50604634	7.68036904	6.09654817	5.7305514	6.9779053	6.85584761
6.87822625	6.86230505	5.33953476	4.93179804	6.49629195	6.22199847
4.4934874	4.6447402	3.4469107	2.64241836	4.44318588	3.97164063
7.45113659	7.69360957	6.40391432	5.92701933	7.40497041	7.08633616
7.69717025	7.9331448	6.58200499	5.98517058	7.62135587	7.35568113
3.80512329	3.910949	3.09443933	2.95274204	3.37505959	2.80479517
6.32015057	6.41459783	4.82627305	4.45385964	6.1689633	5.85747519
6.93162294	7.14002385	5.62908769	5.01347006	6.7368947	6.46352037
6.68176511	6.88727467	5.33333702	4.61035291	6.03278544	5.76770238
6.82096494	7.07524111	5.58619477	4.93910685	6.72113228	6.42382997
6.790162	6.85258917	5.52413486	5.07522968	6.31404006	6.19984938
5.10688989	5.29020832	3.69881692	3.23888302	5.0289529	4.34036395
6.99506078	7.23710753	5.86748649	5.08332604	6.84312091	6.60277811
4.79758168	5.59545529	3.43675924	3.05410265	5.09974974	4.52305457
6.77104888	6.94068757	5.97191311	5.15987971	6.74877483	6.45604171
7.0055506	7.15221453	5.60324987	5.06483271	6.59090856	6.31363838

4.75715736	4.72543489	3.42450166	2.70513655	4.70848548	4.37563383
1.87711756	2.53797513	1.00E-04	0.52035346	0.80057236	1.40901786
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.10206646	6.30751016	5.73586355	4.96675624	6.04808393	6.12425358
7.66385147	7.80813159	6.34422716	5.93889009	7.34786959	7.12184268
6.98774503	7.26033378	6.16194216	5.4322679	7.00052549	6.7103646
7.30705934	7.47817217	6.22757745	5.50589764	7.1002395	7.02303419
6.07994466	6.31468075	5.33717485	4.62779263	6.28162493	5.97953698
7.32533258	7.6099744	6.1312367	5.65374659	7.31082642	7.08947218
3.40846372	3.36642051	3.74400949	3.35815878	3.26795841	3.79822211
7.39431696	7.56250849	6.12645789	5.77896869	7.23140516	7.13371992
7.10125432	7.31930656	6.13584273	5.55943657	6.92646342	6.85091132
7.21534205	7.36508926	6.13455272	5.460829	7.1695799	6.94382529
8.04568466	8.21525616	7.03010317	6.42000653	7.93535184	7.91837036
7.03545449	7.23046555	5.7392616	5.39530406	6.8289085	6.70414106
4.36092052	4.25051998	4.01139691	4.22374184	4.45899531	4.53069299
4.47957368	4.36819713	3.96018316	3.78164761	4.30021033	4.31814326
3.13237219	3.26837128	3.29610612	2.90635271	2.94214392	3.15026978
2.90343063	3.18936017	2.49818012	1.7555118	3.22822799	2.67885817
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.66517677	2.84629121	1.68194567	1.5037706	2.93364878	2.94172592
2.87366834	3.39792152	2.34585778	2.47228371	2.5188453	2.92355514
2.69379915	2.5555694	3.27711562	1.81390178	2.22529651	2.55479996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.29689194	2.2374905	1.6068095	1.4375163	2.35427497	1.43778207
3.90051876	4.09211751	3.76578608	4.11182367	4.14438231	4.54532236
3.62297465	3.68120434	4.05146633	4.57622009	4.30270959	4.45389238
5.35625745	5.38632941	4.69952534	5.46476408	5.22953178	5.39408232
1.62881063	1.85724295	1.00E-04	1.93631131	1.65240692	0.7217731
7.54779002	7.68529993	6.14855022	5.55758273	7.11716983	6.8154406
7.13326986	7.28993273	5.8875926	5.20744425	6.76880966	6.44682445
7.59793435	7.75929349	6.15336307	5.87070826	7.40879095	6.97298352
7.09181752	7.24519847	5.6443557	5.0575684	6.85263343	6.52677773
7.68963424	7.86255603	6.33304786	6.04164865	7.42506481	7.27543685
7.61034659	7.71987939	6.39272075	5.95818475	7.23840345	7.04209422
7.31046575	7.47696182	5.91385382	5.27853821	6.9498046	6.72094767
7.24931349	7.47400131	5.87801481	5.22029236	6.8806012	6.72379781
6.48153037	6.57134117	4.87013228	4.57288738	5.77538144	5.62876031
8.45396161	8.67910913	7.15944464	6.40628256	8.05772403	7.70616563
8.01404405	8.10091131	6.61635017	5.96522814	7.65276928	7.41124959
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6.93800102	7.12829419	5.50987001	5.29868176	6.60048821	6.52116862
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7.6320986	7.90413947	6.38043927	5.87851457	7.5124839	7.20573354
6.37836327	6.55465485	5.1234718	4.48643167	6.01074552	5.66123084
6.31004782	6.46887291	5.0915709	4.56412652	6.13059007	5.75712042
6.91500174	7.07758347	5.58728902	5.50847363	6.65892373	6.24324291
6.84267961	7.11017808	5.57311373	4.83499945	6.4632223	6.07426347
3.62073348	3.72878979	3.01098172	2.28685691	3.75099771	3.26648682
7.71974529	7.92007171	6.67450182	5.99749666	7.6889354	7.37177108
4.70691326	4.8845647	3.16667651	3.45731193	4.89754685	4.58844222
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6.80427228	6.98739322	5.8642523	4.88483651	6.18798954	6.02393229
7.20343398	7.44865938	6.01795613	5.53199676	6.85651757	6.65306361
7.27242674	7.45222739	6.63227446	5.98214285	7.41406407	7.21637619
6.49983172	6.85312002	4.81232003	4.29297822	6.63807395	6.40230907
4.10160441	4.4656127	3.05869747	2.50218603	4.07891146	3.75238592
7.40242365	7.6717419	5.91907873	5.57158016	7.20820057	6.88641308
4.31727273	4.28096331	3.39560766	4.27679748	4.34400333	4.74139038
5.63154068	5.57653092	4.43364657	3.74490246	4.08868984	4.50352091
5.954319	5.84617307	4.4535705	5.11013061	5.08682489	4.80649303
2.43987348	2.50787151	1.73310115	2.76411615	2.90837151	3.13925073
5.59720359	5.32305248	6.30263212	6.15633843	6.55313674	6.76260677
2.02893346	1.44660531	1.00E-04	0.75725904	0.69648077	1.00E-04
4.29168159	4.19032039	3.80136183	4.23478417	4.2991396	4.00377112
2.57409302	3.12318553	2.2594183	2.60593783	2.92558735	3.17410734
5.23048332	5.1118255	5.64049922	6.07353358	5.6823345	5.71712545
1.00E-04	0.48913524	1.30789632	2.32532932	2.24064266	1.94682796
7.77297046	8.02753039	6.5469222	5.99794815	7.52356974	7.33086451
7.75521865	7.85778378	6.83878265	6.14387384	7.75765329	7.57172768
7.3354373	7.44542938	6.14097407	6.04211066	7.22715519	7.01941189
6.9510505	7.08687324	5.89242345	5.48194124	6.91039967	6.70966408
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.67799222	4.61086905	4.71606153	5.1243786	4.93074053	5.0255394
1.9165449	2.19313835	1.00E-04	1.35800873	1.25119953	1.59692642
1.83962009	0.64318133	1.00E-04	1.2424044	1.32399236	0.63361864
1.94084201	2.50511754	1.00E-04	2.03970074	1.04283073	2.03074466
3.04722791	3.03077872	3.07391493	3.53426295	3.55660675	3.39980828
1.56010366	1.20643383	5.8584391	5.40073986	5.54684221	4.75101988
3.30873972	3.43501522	1.73310115	3.01718878	3.33752954	3.59344766
2.19284305	2.45674152	2.04595548	3.19326413	2.23481743	3.15420107
3.06974122	2.97868254	2.14151916	3.15963382	3.68434604	3.6582079
2.74193272	2.571071	2.36038097	3.56142723	3.33453372	3.91147253
1.71390109	2.24311881	1.00E-04	2.83154992	2.63403537	2.87024729
5.45762229	5.32148951	1.00E-04	1.92193805	2.67783334	1.54089059

4.14573381	3.9107487	4.68099666	4.49268496	4.3996263	4.12262891
4.64036184	4.45430414	5.52823962	6.04017507	5.70323605	5.76207824
1.00E-04	1.00E-04	1.00E-04	0.91034298	1.18167165	1.00E-04
3.86466201	3.65695067	4.54750573	3.97943268	3.8900317	3.9544506
1.5101637	1.05103633	2.81239203	1.71045718	2.63869437	2.57892879
2.92447503	3.31815816	3.25265765	2.63179506	2.77974205	3.12596628
2.90823229	3.16466731	1.49210505	2.9369061	2.0485079	3.04859096
2.91336822	3.20942023	2.7408734	2.00029116	3.03814079	3.0849806
3.07718871	3.33362545	3.0254642	3.06119714	3.50144233	3.41955844
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2.91254618	3.56547197	3.67262752	3.11756341	3.23205092	3.65335491
4.28891749	4.21722985	3.29158764	3.43733238	3.62581562	3.62041257
3.80020002	4.14875478	2.46513508	2.81608003	3.60939492	3.70553079
2.81782149	2.59352112	2.32124755	2.13235671	2.72180327	2.7136195
2.35563117	2.76717432	3.305293	2.24593513	2.86689413	3.3156491
1.76235439	2.03280659	2.62613498	2.43273387	1.74432623	1.85909076
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.04289984	0.63913365	1.00E-04	4.54256746	1.78906594	1.00E-04
4.35791278	4.45729907	3.82164045	3.8844638	4.18700833	4.34135563
4.75677224	4.8581156	4.60846311	4.77521715	4.76610274	4.90073034
5.53307835	5.39313672	5.25060424	5.49630877	5.3540851	5.32698324
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1.28260244	1.00E-04	1.00E-04	1.36529184	1.0351123	1.00E-04
0.72087393	1.65886596	1.00E-04	0.74877042	1.23611578	1.00E-04
0.91775387	1.47792307	1.87127713	1.89449144	2.22866925	2.00889441
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1.00E-04	1.00E-04	2.00743688	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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4.68390046	4.67913924	4.35346219	4.78470113	4.59924843	4.7322683
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33004234	1.00E-04
3.20450814	3.42593263	2.28302125	2.56949289	2.90811394	3.45789296

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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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4.19617294	4.33703568	4.90426239	4.90427691	5.06469478	5.17552103
1.00E-04	0.64234672	1.00E-04	1.00E-04	0.99833212	1.00E-04
3.42892312	4.40170515	1.00E-04	0.34813435	1.0351123	1.66013362
0.79480506	1.00E-04	1.00E-04	0.95537362	0.90923964	0.29848676
1.23164285	0.94725315	2.77618708	2.57250195	1.44708401	2.63133028
1.68048914	1.56113684	1.01811585	1.78015372	1.68294321	1.38245462
1.00E-04	1.00E-04	1.00E-04	0.86473302	1.00E-04	1.00E-04
2.15492729	1.96643395	2.51264733	2.90513317	3.09699898	3.36658093
1.87651438	1.57342164	1.00E-04	2.40962604	2.44206315	1.5879228
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1.1876287	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26815703	0.69136595	3.43264013	2.45625466	2.92576486	2.63990378
1.00E-04	0.86356763	1.00E-04	1.00E-04	0.17637488	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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3.47477121	3.48725174	3.75097569	4.43176627	4.28698767	4.18828379
0.86068649	1.70544667	1.00E-04	0.72886169	0.49701538	1.38219544
4.44813057	4.38736727	4.04839387	4.2341814	4.40045736	4.56081015
3.55089333	3.65899417	3.93813503	3.59506957	3.64995798	3.57502151
4.190495	4.54223058	2.91480094	3.86026184	3.37068427	3.53538052
1.00E-04	1.00E-04	1.00E-04	1.42536177	0.977688	1.23496445
1.63328676	2.59794694	1.01811585	1.37033425	2.30687085	1.75738029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17119616	2.93695408	1.00E-04	1.76562112	1.03088908	1.29570536
5.60527008	5.74550816	6.2087135	6.1177787	6.27517432	6.38522953
0.16178697	1.00E-04	2.96680273	2.82729847	1.53137986	1.21476781
5.40844136	5.52527922	6.36409266	6.41817056	5.74585144	5.61831726
4.48818895	4.30965416	3.95028818	3.82349022	3.95113985	3.85292463
2.37319075	1.62247762	1.00E-04	2.60441903	2.29810251	2.31092431
2.79792409	2.58732549	3.71306292	3.43839029	3.63911593	4.39057402
2.95931587	3.02671547	1.7081747	2.4615582	2.92098149	3.22109723

2.90975667	2.77979407	1.00E-04	2.40606539	2.67889696	3.04229005
4.74104926	5.02186445	4.06560597	3.31985306	4.68209019	4.51431005
1.70117396	0.64993987	1.00E-04	0.85662812	1.23291767	0.94638224
2.78436331	2.71103902	2.84520168	2.58142229	1.86848938	3.10559632
2.70622415	2.6907566	2.81239203	2.59550491	3.47180681	3.33489058
2.71125828	3.16969572	1.82818418	2.35012924	3.3858163	3.15908578
1.82180082	1.69085605	1.00E-04	1.00E-04	2.29564711	1.07010439
1.29782672	0.46062364	1.00E-04	0.88729673	1.33714317	1.64903763
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48996021	1.54631289	3.23536672	2.71399971	2.92968157	2.4939468
2.77352457	3.00552478	2.62091026	2.7363601	2.40050736	2.70681733
1.00E-04	0.32854769	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.74547101	2.55465687	1.00E-04	2.20228144	2.3774115	2.47115417
4.56139506	4.46586392	5.22271447	5.2531577	4.82063119	5.02480958
4.02405617	3.57973314	4.48450805	3.80902552	3.96907344	4.01472823
2.36502336	1.02722559	2.7375452	3.45807761	3.44219308	3.23863198
3.18773881	3.18976876	1.28316224	1.64515516	1.56234116	1.66477271
1.16226602	2.28324751	2.18505109	1.55506145	0.45228912	0.83690136
1.65183364	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
5.95258515	6.07870787	5.06006499	5.07355996	5.99587375	5.99247183
6.01400604	6.10440762	4.49567822	4.77689673	5.9697119	5.92254397
2.95734258	2.38225008	1.00E-04	0.95084055	2.28607962	2.5740954
2.44047719	0.69111047	1.00E-04	1.69320845	1.61485416	0.99705512
1.00E-04	1.35585701	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.77932464	1.00E-04	1.00E-04
3.25070789	2.0035985	1.74110187	2.00025571	3.10320798	2.92504802
0.60765791	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.92494307
6.89466195	7.01470656	4.75129641	4.98387196	6.14780573	6.33310922
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.68066902	6.51934082	6.04678503	6.10388306	7.17158039	7.13216214
1.40635907	0.79219723	1.00E-04	1.00E-04	1.84745146	1.00E-04
2.36180603	2.09104267	1.00E-04	0.57264305	1.57178239	0.65200641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
2.06531542	2.18498872	1.00E-04	1.60722576	1.25968222	0.83508919
3.23253732	3.76369317	3.57276485	3.42936476	3.08453489	3.40158896
2.19247161	3.34255046	1.00E-04	1.62684733	1.09094785	1.54681224
0.47462842	1.30202508	1.00E-04	0.853036	0.94992608	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.3484206	3.7163542	1.00E-04	1.00E-04	0.75212165	1.77635081
1.00E-04	1.00E-04	1.28609943	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.47606859	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.33564764	2.71715635	2.54908928	2.19304398	2.17298578	2.60906685
1.94506834	2.10103172	2.04842855	1.17204413	1.555562	1.46739436
4.25303258	4.23936873	4.30289453	4.50077519	4.35880989	4.72035773
3.16540583	3.85826773	3.48624024	3.64057379	3.33544091	3.50362541
3.66450262	4.1433283	4.18920311	4.0862537	3.7324441	3.70102701
4.88838969	4.69640586	4.7733447	4.39788118	4.65581237	4.39749539
4.14362082	4.0297462	4.63250368	4.65185413	4.38262462	4.61069472
1.52941221	1.2571753	1.00E-04	1.43484573	1.2869699	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64219475	0.79871177	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.12803385	0.12854881
2.59748736	2.74984534	2.28302125	2.00823353	2.90367165	3.37730455
0.53888819	1.03875534	1.00E-04	1.00E-04	0.50891932	1.00E-04
0.83953839	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.33472514	3.3090416	4.32510107	4.15473433	4.66360937	4.71984547
0.95345171	1.62635478	2.72818375	1.81170713	2.05597057	2.4903866
1.00E-04	1.80547796	2.46682134	0.93022784	1.38786576	1.41185733
1.63251764	2.05380901	1.00E-04	2.32887087	2.01550353	1.60669811
3.44797102	3.6877429	1.00E-04	0.37771766	0.9251151	1.00E-04
3.35451324	3.04402662	4.7516189	5.25439547	4.97122523	4.8152235
3.24266398	3.44727585	4.00471369	3.91121029	4.02162391	4.17657133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42757985	1.00E-04
3.94872265	3.79299045	4.11082049	3.50588217	3.64645632	4.05872578
3.12075172	3.35307303	2.58527151	3.25309986	2.30929346	1.73448741
3.72348277	3.67388072	2.58221853	4.40960958	3.1562188	3.3295008
4.90003985	5.00615821	3.06920373	4.41025198	4.05248869	4.02383072
2.92595724	3.56034898	2.19775796	2.70343209	3.33091328	3.25104016
3.94236569	4.11059342	4.07713232	4.14522301	3.6228042	3.80894792
4.60414958	4.24896053	4.07841854	3.71140787	4.37447249	4.4241349
3.09485001	3.22731098	3.63412367	2.64369971	3.23878287	3.61832116
2.6486501	2.48197432	3.07009105	2.49459715	3.29059139	2.9379607
3.83554825	3.56763909	3.93982462	3.65725881	4.0655338	3.90290563
2.7607259	3.06016893	2.0974779	2.08584887	2.61402596	2.40108891
1.00E-04	0.36607432	1.00E-04	1.00E-04	1.00E-04	1.08836507
0.77012854	1.14927284	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.84911922	3.88819611	3.34971411	3.57134821	3.75772978	3.48989601
3.69197679	3.8594385	3.84220858	3.37764507	3.5054045	3.20909803
5.48989486	5.36579764	4.76313658	5.2009196	5.47167836	5.0798718
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.01593807
0.80221069	1.35040522	1.00E-04	1.5381653	1.00E-04	1.49593043
4.65823723	4.89200166	4.19671527	4.84894449	5.08159809	4.81484497

4.91650047	4.75251293	4.28763607	4.43077703	4.50305154	4.60175463
1.43254814	1.49038042	1.00E-04	0.79090768	1.70871694	1.47168898
3.0599588	3.05134844	3.03958012	2.85971105	3.13904422	3.4467211
3.31811018	3.20479034	3.25092165	3.11160422	3.18461748	3.49248455
2.60565854	2.63429846	3.01515039	4.20481252	3.50976979	3.80017769
3.99860284	4.10736223	2.84408148	3.00195072	3.62497994	4.09013311
2.96325813	2.96194659	2.76058294	2.49113151	2.79321285	2.71252526
4.93933453	4.20751562	3.89364446	4.82414698	5.52734715	5.26792354
3.64619357	3.56266997	3.26197415	3.22388384	4.1438432	4.21685346
5.32482528	5.11532691	4.24884644	4.54899238	4.16712753	4.71641245
1.00E-04	1.00E-04	1.00E-04	1.35802488	1.08641214	0.57237351
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.65574892
1.73862085	2.30549752	1.27996271	2.98005978	2.47350675	2.69292256
1.87921919	0.55552765	1.40283744	1.61173808	2.21886871	1.57634838
1.21097623	0.89484958	2.23017301	2.07621958	2.46543364	2.27571597
3.09389049	2.8327083	1.00E-04	2.05985816	2.55192891	2.57912038
3.37424299	3.24583638	2.37590155	3.37588384	3.64810323	3.04551858
3.43820587	3.31702887	2.76015533	3.27823726	2.82739623	3.28238094
4.96852799	5.18058364	5.63517115	5.91642553	5.43359774	5.58303512
0.80221069	2.08041371	1.00E-04	0.41438246	1.00E-04	0.30913278
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.85747416	4.46924986	5.06109361	4.64519939	4.63043752	4.49146015
3.88261885	3.68493822	3.39944436	3.50863406	3.55761981	3.89244076
1.80857302	2.27389094	1.86358336	1.87252215	2.16301063	1.7394905
1.00E-04	0.46921448	1.00E-04	1.00E-04	1.06137214	0.46104644
3.34577215	3.3263471	1.94733951	2.76285373	2.59107822	3.32009288
2.81423214	2.20149159	2.32562916	3.11763869	3.00245261	2.85108889
5.40303477	5.45545317	5.35750842	5.7339958	5.48653573	5.70717786
4.4429709	4.27138698	4.70047049	4.61198579	4.19635332	4.47235202
5.42635043	5.16221909	5.16547379	5.39106656	5.24543194	5.34865897
3.90841002	4.19899335	3.88225891	4.45704767	4.35836546	4.57805393
4.20334268	4.37967389	3.89835763	4.38403507	4.16913063	4.30958517
3.95240265	4.04931574	3.4214559	3.83326462	4.41587104	4.70891758
2.28213163	2.74222637	1.11518827	2.41352781	3.03429811	3.18223666
2.51386985	2.5737956	2.51264733	2.09575766	1.98007834	2.75624583
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.55509437	3.73019471	1.96740946	2.94655873	3.53159519	3.51088403
3.93639404	3.92239917	4.0047612	3.60120854	3.78949483	4.29442762
6.16819361	6.05118953	5.62480192	6.18385746	5.91392598	5.97666795
1.00E-04	1.00E-04	1.84117224	3.40264468	3.56073162	3.83712123
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.61515205	1.78096289	3.28386144	3.07099391	3.24915353	3.07889307
3.71951383	3.34182124	1.82342144	3.83288432	3.46555528	3.29536407

1.00E-04	0.4887782	1.00E-04	1.42521948	1.45206918	0.42588447
1.06821357	1.05058483	2.54080566	1.06528465	1.70780953	0.85496785
3.82776858	3.73711112	4.26743031	3.81560217	4.60073795	4.3710733
2.66321053	2.80450885	2.17729977	3.0698511	3.14532126	3.10987571
0.35811479	0.77327378	1.00E-04	2.73020785	1.47577803	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.02315894	1.00E-04	1.00E-04
5.05060862	4.96098326	4.61113842	4.99593677	4.62549103	4.86731416
4.89122244	5.20214358	5.44437068	5.62479499	5.15781356	5.56549563
1.00E-04	1.00E-04	1.00E-04	0.79237511	1.13281308	1.00E-04
1.5705761	1.59803535	1.00E-04	1.00E-04	1.06511208	1.00E-04
1.8991916	0.78688859	1.40283744	1.05129258	1.31472627	1.51067716
0.44413777	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.19300341	4.51252953	1.00E-04	3.97267747	4.50486118	3.94381759
1.00E-04	2.16199804	1.00E-04	0.37325883	1.00E-04	1.78512374
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2878742
1.00E-04	1.00E-04	1.00E-04	3.2438633	2.89509824	3.23583174
2.10507452	3.06795912	1.82528077	2.40862094	2.3344489	2.38126991
1.25121106	0.8426349	5.06878873	5.31930211	5.01734545	5.38679049
4.96824866	4.63564201	4.67608203	5.59631955	5.21838242	5.07413659
2.43041828	3.09380006	3.57399667	3.53427884	3.735532	3.43703248
4.73590459	4.70152293	4.78812142	4.55028123	4.60841636	4.66887791
3.14119294	2.9554275	3.40087802	3.42352264	3.42850856	2.63375086
2.06046038	1.83998234	1.00E-04	0.59363436	1.00E-04	0.94638224
6.27602042	6.32941028	5.36330668	5.22591307	5.45817373	5.12759473
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	3.76805602	0.5393223	0.48497572	1.00E-04
2.99233385	3.13882406	3.60296947	3.78879357	4.04209213	4.26135584
1.28963702	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64219475	0.65407886	1.00E-04	1.00E-04	1.00E-04	1.16037737
2.05352544	1.88448831	1.00E-04	0.4783264	1.00E-04	1.00E-04
1.58859491	0.65423914	1.00E-04	0.67707868	0.16793254	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45859847	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.88257138	1.00E-04	1.00E-04
0.79341826	0.99008146	1.00E-04	0.76620686	0.49584757	1.00E-04
2.95527488	2.64611585	5.67211535	5.87367392	5.74209082	5.91603185
2.77626603	2.82639587	2.1180505	2.28020885	2.23964115	2.00177828
1.58558531	1.41144483	1.00E-04	1.17532438	1.42074959	0.46521845
0.27093267	1.00E-04	1.00E-04	1.29593521	1.00E-04	0.96587894
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.27566155	3.25987091	3.01946208	3.34344109	3.3043605	3.12620193

4.59583456	4.47275008	5.01120949	4.78107265	4.81588897	4.86998749
3.30918558	3.22125174	2.3009473	3.11585301	3.35282362	3.48919602
1.00E-04	1.00E-04	1.00E-04	0.39596165	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11783267	1.00E-04
2.94619841	3.15461557	2.96783732	2.86068899	3.13652644	3.53368218
2.24385602	1.00119054	1.28316224	1.87234901	2.72888837	2.44464125
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.47580903	1.96096034	1.00E-04	1.00E-04	0.59886371	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.66641237	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.54640025	2.94234552	2.86872297	3.15861184
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02995768	2.05297631	1.00E-04	0.9219679	1.92764598	1.26351394
1.34283683	1.00E-04	1.38754516	2.12210553	1.24685336	1.3427629
4.08497734	3.92116412	3.82669289	3.87807435	3.57454459	3.56851773
3.85166897	3.68712629	3.98358008	3.95457554	3.76706468	4.15042578
3.53338857	4.0147819	3.76630287	3.34298817	3.71372724	4.08009345
1.00E-04	1.08375276	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.53492738	3.0872792	1.42763756	4.26868554	4.56518736	4.18664907
1.00E-04	1.00E-04	1.00E-04	1.88720889	0.22206006	0.61476453
1.77902847	1.06137653	1.00E-04	1.00E-04	0.33912734	0.12854881
4.61698017	4.37187593	4.87491386	4.89969482	5.24801887	5.1067118
1.00E-04	0.44747489	2.18505109	0.61790071	0.55282829	0.87770734
4.55704561	4.63602113	6.51364173	6.44146566	6.28470384	6.33931336
3.01175946	3.31010818	3.40072754	3.29633423	3.16062999	2.5856048
3.39502053	3.72377946	2.21769966	2.87250811	3.35930616	3.30790026
3.38690348	3.27332774	1.00E-04	2.66095656	3.37133288	2.67268262
4.12059021	4.10120177	3.41372778	3.48860009	3.88022372	3.69104156
4.12239969	4.23987335	3.81095236	3.88873873	4.07025777	4.15317974
1.00E-04	0.64496235	1.00E-04	1.00E-04	0.54651002	0.65200641
3.09071564	3.1635691	3.15809301	2.65580404	3.04256284	2.94052309
3.24241701	2.9812543	3.34991209	2.98639571	3.21621397	3.39800118
1.13411697	2.12613791	1.27996271	0.46633175	1.19435851	2.01255394
3.6338251	3.67230591	4.07625792	3.51626565	4.0880364	3.84406864
3.04078219	3.16021193	2.49236373	3.05397998	3.15460975	3.56875702
1.8316187	1.83082068	1.00E-04	0.15557081	2.04723317	2.38087674
2.72847504	2.85403553	2.35731017	1.93850978	2.51091621	2.91740428
1.53657916	1.97453639	2.16483827	1.51686841	1.00E-04	0.55626958
2.2577436	2.45125827	4.97760537	5.04404277	4.20744856	3.48989017
1.00E-04	1.00E-04	1.00E-04	0.56399031	0.25750812	1.00E-04
1.05956986	1.89128586	1.11518827	1.21528971	1.69016478	1.81663205
0.97585659	0.34385176	1.00E-04	0.86391047	0.18945863	0.65574892
1.62482349	0.40836194	1.00E-04	0.97312225	1.35846401	0.83244537
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62571237	0.68727927
1.00E-04	1.63477467	1.00E-04	0.49689352	1.30321469	1.26131647
4.48268626	4.59392861	3.82546937	3.36842592	4.18718317	3.98667689
4.15727012	4.23208451	2.65868505	3.2961061	4.21745027	3.79530499
3.68077122	3.39390664	1.38754516	2.89832637	3.50077481	3.2458195
3.26798086	3.21397504	3.53903224	3.4819919	3.23133673	3.43016368
1.50489892	2.80158153	3.98849281	3.37912277	3.78207264	4.43916973
1.69362839	0.48794717	1.00E-04	1.91350349	0.62603231	0.46112954
1.00E-04	1.00E-04	1.00E-04	0.79830865	1.00E-04	1.00E-04
1.00E-04	0.62394601	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.68672427	3.75847337	4.58019248	4.29181565	4.02033632	4.44527457
4.30960865	4.58464241	4.58402399	4.410421	4.35872522	4.65786797
3.52836827	2.95738374	3.3585047	2.81919508	2.98658463	2.48639271
2.82463768	2.51767446	2.88294543	2.92261756	2.80104462	2.79047113
4.54967694	4.1761926	3.83053467	4.5848	4.37609348	4.51457148
3.09697001	3.04942841	3.53694218	3.15215307	3.41699546	3.44069717
3.46726575	2.70190914	2.35742396	3.49538964	3.4217192	3.59162355
3.85850553	3.91983644	3.0369602	3.91180853	3.77963234	4.09930522
4.90950348	4.94606908	4.46652088	5.0603112	4.97899183	5.05496109
3.43055284	3.65437522	4.01660224	2.87566602	3.74263745	3.87362617
3.7185416	4.07101256	4.09456979	4.33341948	4.0568879	4.08210309
5.00116824	5.07396022	5.31118559	5.26067314	5.15569686	5.3491713
1.03171909	1.99559145	1.40283744	2.80199482	2.31916995	2.96083691
3.23371521	3.46928638	2.22283957	2.66799606	3.12725662	3.19147911
3.28128207	3.34397966	2.41337179	2.72520221	2.45627045	2.72629064
4.92029302	5.01685458	3.46543661	3.77614465	4.81570592	4.4288092
4.40912063	4.45459246	3.75620545	3.18920672	4.45399633	3.91325162
4.92358816	4.72795664	4.42894199	4.20183597	4.72684924	4.48662939
5.02301722	4.75905908	5.26645653	5.01511407	5.04265761	5.02930949
4.31866138	4.22199857	3.78183435	4.29358522	4.19997413	4.49910159
4.15627565	4.08682907	3.85467626	4.40086708	4.11961159	4.53459755
1.00E-04	1.00E-04	1.00E-04	0.37250181	0.22713799	1.00E-04
3.80888479	4.18855387	3.30756243	3.47706165	3.67315944	4.23527222
4.21321003	4.04881393	3.65759169	4.66547309	4.37845225	4.35594227
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12413672	0.31227169
4.33122942	4.31377644	2.26969129	1.4678375	0.24021141	2.39428045
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.36846672
4.62066211	4.59145016	3.30574821	3.80463043	4.24663044	4.04096274
1.36002604	1.49376718	1.00E-04	1.14639067	2.03497022	1.29235925
3.04722379	3.60196424	3.8173557	3.91764317	3.7059844	3.9544592
4.27640639	4.04363807	3.87492968	3.73234552	4.61469273	4.02891562

2.59114905	2.05046285	1.00E-04	1.41792186	1.21120358	0.88507764
1.58283512	1.75372922	2.54949935	3.1754503	3.11487575	3.77484067
3.56470745	3.29742667	3.5823935	2.99139122	3.4773889	3.91458634
2.77045778	2.68129695	1.00E-04	1.75431014	2.20706988	2.3026124
4.38451299	4.03845651	3.515498	3.77921828	4.26367962	3.98094186
4.59380529	4.57311548	3.42660305	3.68779118	4.02935581	3.81759956
0.99694862	1.00E-04	1.00E-04	1.00E-04	0.57479248	1.00E-04
5.37969313	5.30305202	3.79064937	4.23708282	5.44617401	5.27045858
2.10931783	2.57974696	1.00E-04	0.7349394	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.60363566	3.8540138	2.23044561	3.17960786	3.27582946	3.33492825
4.6554615	4.42900083	4.05399356	3.87448016	4.83981662	4.6023382
1.00E-04	0.86961246	2.24726389	1.00E-04	1.00E-04	0.13067397
1.00E-04	1.04888333	1.00E-04	1.38505799	1.25284522	0.51610492
2.72935912	1.95992465	3.56111816	3.47719311	3.22421632	3.59428245
0.76389831	1.44020297	1.00E-04	1.94284577	2.07311017	1.61315406
1.00E-04	0.4932192	1.00E-04	0.69241499	1.74080664	1.02967592
1.00E-04	1.00E-04	1.00E-04	0.65887123	0.1324183	1.28428671
1.00E-04	0.32854769	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.56418114	3.31686752	5.4014696	6.31289376	5.49584326	4.97216516
2.75438665	3.27260826	2.26969129	1.09361787	1.50793588	0.38032321
1.26014157	1.06685948	1.83013888	1.25239357	1.00E-04	1.20748644
6.19282215	6.17750614	5.5641139	5.30503517	5.16218727	5.51244975
1.00E-04	0.32854769	1.85579326	0.73342256	1.00E-04	1.00E-04
1.61366853	0.97956718	1.00E-04	1.60998938	1.47688376	0.2457152
0.89678644	1.00E-04	1.00E-04	1.00E-04	0.11579337	0.36890356
1.54657694	1.95615715	1.00E-04	1.71715819	1.55284444	2.18694315
0.09292159	2.39969899	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.8329932	1.81810717	1.00E-04	2.24467498	2.32188078	2.25873351
1.00E-04	0.69674853	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.74771768	2.31100726	0.67707868	1.00E-04	0.98913431
1.77841081	2.71525735	3.92052397	3.40372007	3.5666208	3.85598441
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31976648	3.34865644	3.04183869	3.66083891	3.15585915	3.22598385
4.05759877	3.97726856	3.65063613	3.91183989	4.15296164	4.09011167
2.08017428	3.13520657	2.73838482	1.83259103	2.71355066	2.99919823
4.81334498	4.51629312	4.90305501	5.09397613	4.98573431	5.01495858
5.55050781	5.60406708	5.66802143	5.80588354	5.6196781	5.81939757
5.34420867	5.53245476	4.45683355	5.04822403	4.72243771	4.95165324
1.82045747	1.88711954	1.00E-04	1.96937914	1.76130112	1.7200843
3.05432906	3.08968983	1.7100959	2.40850548	2.78958637	2.82263691
3.69421042	3.66966561	3.36622731	3.00136513	3.65950324	3.33905451

2.78979968	2.753061	2.22024024	3.017615	2.8409399	3.28051614
4.30114353	4.39688141	1.00E-04	0.76825397	0.9791287	1.1616712
0.29610852	1.00E-04	4.70372043	4.90291286	5.29741062	5.11084271
5.48480358	5.54311539	5.09241309	5.15186135	5.30104712	5.4200115
1.43610583	0.87634654	1.00E-04	1.9864314	1.1612181	1.40132668
0.45216556	0.62690381	1.00E-04	0.49689352	0.33647818	0.13038568
4.61975774	4.74994426	4.34140988	4.42459251	4.61950623	4.85383287
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
0.5798625	1.00E-04	1.00E-04	0.15557081	0.90261309	0.45556464
1.00E-04	1.42556489	1.00E-04	1.00E-04	0.39062758	0.72549465
5.41873109	5.33136062	2.97991067	3.61828575	3.90729355	4.08123274
5.98898382	5.87977671	5.39897287	5.3632449	5.47351651	5.38190246
1.81081306	2.05908263	4.23412573	4.13741982	3.8999009	4.26348298
4.60517743	4.97697537	5.06555392	4.64823954	5.06267438	5.3110944
3.30888735	3.06324429	3.83141599	3.92378551	3.62014281	3.70742818
5.27358964	5.25695684	4.82083376	4.77184682	5.11423515	4.99963955
2.13836819	2.52357353	1.00E-04	1.06755874	2.15173142	2.35461228
5.65966597	5.5311197	4.85335789	4.39606999	5.80910848	5.59333527
4.06133805	4.01566476	4.11157425	4.12376123	3.7375126	4.10187931
4.59774356	4.69249916	4.64769371	4.23939808	4.2483243	4.13356533
1.00E-04	1.00E-04	1.46133917	1.01809259	0.46570086	1.00E-04
3.77978482	3.94569897	4.42901133	4.10729842	4.22773054	4.55857094
1.15498471	1.63266666	1.00E-04	2.17067187	2.21698625	1.39830537
4.04215797	3.57068254	6.41756265	6.5605443	6.23324975	5.90513541
4.44905141	4.77425309	3.96911028	3.68457145	4.64081363	4.42493592
1.00E-04	1.00E-04	2.56259673	2.16044036	3.42149514	2.84507653
3.47368556	3.0041632	2.46682134	2.78688615	3.28048923	2.57504483
1.00E-04	0.88624907	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.78559119	1.00E-04	1.13912029
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.72812177	1.30986649	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.31823357	4.44978697	5.53168401	5.31808761	6.18838856	6.0962091
0.58443014	0.52991195	1.00E-04	1.00E-04	0.13427639	0.49041951
0.62524679	1.00E-04	1.00E-04	0.88108305	0.9027859	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.19950461	1.00E-04	1.00E-04	1.00E-04	0.25750812	0.16565788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.55571424	3.7722728	3.37105034	2.68233989	3.34518536	3.31071933
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.15229986	2.77270123	3.0497547	2.85103016	2.37650033	2.84904905

4.58151143	4.53744146	3.77209629	3.78591179	4.28347801	4.16344201
0.96347666	1.21930639	1.00E-04	0.73342256	1.00E-04	0.32900361
1.00E-04	1.25121748	1.00E-04	1.48642874	0.49725216	1.9336053
2.81911834	2.65399786	2.81239203	3.0319902	3.82134577	3.42083855
1.20747046	1.69761923	1.00E-04	1.19959631	1.00E-04	1.00E-04
2.54930627	1.8757297	1.11518827	0.63321171	1.09963785	0.20628126
0.62524679	0.36710226	2.42761619	1.86615616	1.78401886	0.25861557
1.00E-04	1.00E-04	1.00E-04	0.54938023	1.00217616	0.61224494
1.16272384	1.00E-04	1.00E-04	1.40483337	0.43201441	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.72713497	3.00972258	1.82818418	2.26340176	2.6688331	3.28169004
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.64522422	3.21048835	2.74255546	2.61021976	3.48436803	2.98715339
4.02755714	4.25738186	4.29521844	4.93809216	4.95801196	5.07852906
2.98953735	3.49871359	2.96847658	2.51452055	3.64807292	3.51965447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.69330522	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.6815383	4.82472862	3.94053333	4.65574114	4.79283892	4.99748814
3.8598966	3.82417044	3.04411612	4.07361504	3.44051299	2.23616061
3.44560012	3.31767701	4.73849684	4.35623867	4.22991556	4.21342876
2.04228473	1.77850392	3.3927213	4.34510516	3.89952727	3.88842475
5.08440264	5.15230848	4.4387067	4.406307	4.7602905	4.73414301
3.48649014	3.40819915	2.16483827	0.82139576	1.33814203	1.87524786
1.97934827	2.61019926	2.82898015	3.09178473	2.9373644	2.55346123
2.93019611	2.92966158	3.13113203	3.19046922	3.09982117	3.50490588
5.75334267	5.4310431	5.81393291	5.73954324	5.51144016	5.51639399
4.09556413	4.02776993	4.54176312	4.32692794	4.59473775	4.68472921
2.73364288	2.81826592	1.00E-04	1.70735427	1.76685773	2.5668601
5.22123019	5.13412388	4.97913224	5.48056891	5.38298201	5.48481764
2.18833142	1.94156591	2.26969129	1.60002309	1.85489219	1.8374059
3.70894287	3.58452389	3.62807386	3.20523444	3.77793791	3.84721905
2.00535262	2.59764505	1.30986649	2.73654898	1.90252098	2.31926013
4.22243478	3.81647672	3.80543568	3.59505415	3.82067125	4.15523695
3.71328686	3.57116179	3.82041517	3.89382179	3.83659612	4.28207856
5.59068297	5.51753933	5.4360644	5.31444272	5.33712063	5.22549845
1.03634365	1.00E-04	1.30986649	1.30961329	1.35387047	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16793254	1.04042156
4.92381674	5.00666606	4.36999888	4.51149255	4.52814791	4.59652369
3.50374503	3.59336339	3.57365012	2.87648527	3.30778205	3.07051501
3.30874017	3.15021822	2.83795076	2.43927368	3.05166952	3.5632397
3.75622892	3.72159381	4.17023377	3.55086785	4.1041749	3.94929443

5.26712335	5.06717566	5.2513589	4.96597748	4.91824338	5.06535686
4.41438695	4.43155968	4.25811044	3.91430508	3.91198428	4.27126299
4.11664369	4.33862508	4.01559103	3.63509869	4.16549998	3.93556537
2.56727049	2.78855731	2.37034769	2.46444848	2.67785155	3.19058675
4.00791565	4.01189021	3.19696281	2.52450374	4.07061474	4.08315231
4.26745337	4.51713605	2.98598591	3.53709254	3.97518286	3.75179913
4.03644033	3.8481057	3.62684841	3.96075662	3.65052154	3.82699159
4.3741143	4.20356438	4.64496278	4.49488764	4.38368875	3.84385209
5.21849567	5.26062638	4.21978641	3.93516858	2.76320662	2.70969942
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.43661047	5.12046204	5.6330825	5.60628906	5.24875673	5.04145181
1.20777713	1.99814206	1.00E-04	1.91682567	1.18105517	1.73246942
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
0.09292159	0.58812963	3.45604274	2.99020411	3.74225762	4.39861964
1.00E-04	0.97582164	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.33339629	4.5461655	4.71822208	4.89087977	4.46094137	4.47861364
4.04025794	4.03925182	3.50412059	2.79942594	3.7160113	3.6916525
2.5421751	2.06768191	1.00E-04	0.39596165	2.00616816	2.17485632
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91549699	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.84168944	0.5021994	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4897726	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.59622183	4.06142239	3.02433471	1.04937215	2.91641322	2.4148733
2.56859993	3.10269101	1.00E-04	1.9242767	1.389059	1.28495227
2.55250942	2.32774871	1.40283744	2.5840604	2.09796634	2.9319688
3.40237696	3.35212318	2.19058385	2.98787077	3.50295045	3.671236
2.48367591	2.03663249	3.12811104	3.51052459	2.88660827	2.72730121
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3233996	0.60861714	1.00E-04	2.14619597	1.36132823	2.28972677
1.31332935	0.97849	2.46682134	2.69493426	1.87642602	1.9433935
0.88525227	0.76829922	1.00E-04	1.1233493	1.00E-04	1.00E-04
1.27216223	1.00E-04	1.00E-04	0.81421222	1.86649278	1.3566761
1.80564778	2.74979312	2.54080566	1.06918436	1.10345117	1.62404519
3.26611637	3.31386054	3.79305949	3.18966716	3.47809661	3.78777068
1.00E-04	1.00E-04	3.62723855	3.69125182	4.55194417	4.69772696
3.20918045	2.93293701	3.29397082	3.76943138	4.03628543	3.4630942
1.57489836	0.53054394	1.00E-04	1.99576769	1.43275567	1.22505352
5.58097762	5.48873198	5.63036039	6.26177547	6.00236403	6.10858438
3.64178776	3.86484312	2.92680954	3.29572334	2.76535027	2.80027837
1.00E-04	0.5153255	1.00E-04	0.64315265	1.39789847	1.00E-04

1.64400042	0.72342246	1.00E-04	1.98129087	0.34578266	1.7673358
3.79855543	3.69789836	4.38321552	3.57050348	3.89042226	4.14555122
4.0452724	3.62971618	4.86571503	4.67092962	5.3357449	5.47026018
1.00E-04	0.43600786	1.00E-04	1.53395147	1.00E-04	1.00E-04
1.77839848	1.69196621	1.00E-04	0.15557081	1.9038433	1.73347375
0.69330522	1.00E-04	1.00E-04	1.00E-04	0.45881046	0.76605712
2.06456476	2.91937867	4.29715228	4.05011018	4.08727936	4.22848213
2.73039855	2.94145333	2.97230894	3.89399368	3.70870053	3.52747666
3.1737426	3.20173548	2.6416016	2.98825549	3.23214935	3.30551604
2.50281889	1.8785978	3.47282376	2.3458072	2.88927825	2.60800432
2.38893461	2.087105	2.24726389	1.50079434	2.25902391	3.05057576
1.43057296	1.00E-04	1.00E-04	1.60442216	1.43597128	2.2707065
4.01291106	4.35603677	5.27173618	5.17997853	5.65743541	5.89858922
3.29948891	3.36572666	1.00E-04	0.65887123	1.59065836	1.70316577
2.77762715	2.67101684	1.00E-04	0.86953679	1.02050576	1.00E-04
3.08693078	3.48093007	1.00E-04	0.94932312	0.22725774	1.19723322
2.64331968	1.64097919	2.33748797	2.54826807	2.94859905	2.74354917
4.02980726	4.14199838	4.29330925	3.3839412	3.94190514	3.98485829
1.00E-04	1.00E-04	1.11518827	1.38546478	0.67484044	1.00E-04
2.27645469	2.24511352	1.40283744	3.46162718	2.79007526	2.52078831
0.54572308	0.98126296	1.11518827	1.70474598	1.96683257	1.73657446
0.67799108	0.98363653	1.00E-04	1.01829018	1.65322562	1.6064527
1.08319659	1.00E-04	1.00E-04	1.03530318	1.00E-04	1.00E-04
0.66849135	1.00E-04	1.00E-04	2.21859552	1.55148672	1.90770956
4.82659282	4.60304493	4.82242514	5.05663921	5.29367546	5.43162734
0.52058037	0.53687768	1.00E-04	2.10296758	0.1324183	1.00E-04
6.13216808	6.19249897	4.81855383	4.48267002	5.91853933	5.88561349
4.27394017	4.39165855	1.00E-04	2.50595231	3.11507691	2.38282082
3.15334149	2.78803265	3.31086636	2.99010623	3.75898893	3.73711667
1.00E-04	1.21746707	1.30789632	0.30764686	0.08158092	0.8007554
4.62861079	4.39044489	4.07661353	3.41300204	3.61369134	3.69228338
2.08339724	2.73882717	1.00E-04	1.44248189	2.18027544	2.72059793
0.64652675	0.36710226	2.81239203	0.71417168	0.7380221	1.00E-04
1.83506698	1.66559856	1.00E-04	1.0806489	2.37270063	1.9276312
3.58386929	3.99233017	3.93031486	3.63572504	4.13257997	4.05656406
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
1.00E-04	1.00E-04	2.54080566	1.00E-04	1.00E-04	1.00E-04
4.37272068	4.38173234	4.95697312	4.57383591	4.54276863	4.93580029
2.50164925	2.53386613	2.57108641	1.58484359	2.01737791	2.43339281
5.90555488	5.79868388	6.47318062	6.324046	6.61114721	6.47149705
1.48665342	1.00862495	2.8427709	2.59727467	3.15717589	3.73908964
2.40614202	1.83033076	1.00E-04	2.41175244	2.04403868	1.90282756
2.49385165	3.00282364	5.43524556	5.73178268	5.25234446	5.5512205

2.62365335	2.49942837	1.00E-04	2.7967474	1.42805136	1.33225987
1.66779264	1.5379574	1.00E-04	2.3087597	1.36418806	1.61673159
2.62179026	2.82587005	2.32722852	2.64383391	2.51585586	2.38188125
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33327329	0.38874354
1.99800574	1.08290035	1.00E-04	1.23655776	1.57884621	0.40709304
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55202259	0.13067397
1.49388008	1.24818414	1.52319676	2.20581285	3.12303112	3.4897886
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55282829	1.00E-04
3.42521544	3.26791225	2.81793552	2.97636514	3.83601024	3.81762941
2.15923818	1.11583467	2.71631833	2.76932132	3.01728724	2.98896669
1.00E-04	1.00E-04	1.38754516	0.24575289	1.00E-04	1.14689352
2.23008837	2.52903591	3.46403456	2.51409491	2.80437627	2.78021088
0.75397391	1.98047626	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60592062	1.58241157	1.00E-04	2.39026814	1.67924526	2.28354222
1.00E-04	1.00E-04	1.00E-04	0.66641237	0.25750812	1.00E-04
0.59306014	0.82344747	1.00E-04	1.56332632	1.00E-04	1.21236447
1.0569741	1.00E-04	1.00E-04	0.64315265	1.00E-04	0.24433588
1.00E-04	1.00E-04	1.00E-04	0.86150156	1.00E-04	0.96587894
0.15907666	1.00E-04	1.00E-04	0.91053304	2.15472734	1.90927354
1.28465151	1.27947195	1.06844428	0.7530512	1.19645776	1.02223871
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.95828408	0.61297608	0.61345252
1.00E-04	1.00E-04	1.00E-04	0.75065243	0.66694363	0.77918287
4.31736078	4.30710807	3.43710401	4.34860076	4.09633628	4.26116456
1.00E-04	1.00E-04	5.37704829	5.19258747	4.96026152	5.00517212
1.04358443	1.67618865	1.01811585	0.68902433	1.43512569	1.53634954
0.60252178	0.44777316	1.00E-04	1.00E-04	0.83218292	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00940174	1.00E-04
1.00E-04	0.92995371	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22097947	1.613717	1.00E-04	1.00E-04	0.78009573	1.00E-04
1.00924216	0.7090563	1.00E-04	0.95864566	0.46253117	1.00E-04
3.1740805	2.87773148	1.00E-04	2.60859602	2.91274879	2.87340663
4.18306022	4.33964767	4.4755324	4.19899995	4.13532503	4.62775404
4.35195565	4.37514645	4.84200575	4.80277809	4.93863982	4.92083686
1.53566576	1.57691257	1.00E-04	1.81556524	1.56568838	1.7277868
2.52663448	2.54167383	2.03911791	2.43540533	3.15985102	3.58400063
1.73956008	1.30717767	1.00E-04	1.59566977	2.19660681	2.29612987
4.59969858	4.76381198	5.29369418	4.97469498	4.75254675	4.69487584
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38173047	2.20244045	1.74110187	2.44077817	2.62522542	2.79859281
3.91058217	4.00439181	4.90197865	4.62747417	4.50575211	4.84684679
3.23339239	3.40097379	2.75613256	3.99997791	3.86339741	3.73119544

1.00E-04	1.00E-04	1.00E-04	1.10839891	1.2505725	1.10719769
1.00E-04	1.16448744	1.00E-04	0.30764686	1.00E-04	1.00E-04
2.18703946	1.94224174	1.00E-04	1.24630553	0.31853502	1.00E-04
0.57700167	1.27718528	1.00E-04	1.91337241	0.99799534	0.76441677
3.4994384	3.18251703	3.06665819	3.97213158	4.07044025	4.11272553
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.44112676	1.11621868	1.00E-04	1.45517219	0.49912154	0.65574892
3.36085737	3.90137406	3.34707358	3.45459895	3.64508045	3.71950695
3.28523212	3.20904584	2.22149094	1.96945138	2.72988762	2.90042398
1.92856375	1.74677106	1.00E-04	1.29865652	1.73257448	1.08211093
3.47090064	3.51132491	1.00E-04	1.12798011	2.02245664	1.00E-04
2.40034192	2.8762629	1.67979948	2.85247896	3.49531667	2.84636594
1.9186981	1.67557859	1.00E-04	2.34014771	2.15873948	1.62290578
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.71592889	0.68427479
2.72897205	2.07928365	1.00E-04	2.65050556	3.12836851	3.27189585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.78774224	0.53687768	1.00E-04	1.01007551	1.0072745	0.20628126
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.83160248	1.00E-04
0.45014835	0.9274557	1.00E-04	0.24575289	1.01242103	0.9895494
2.07460716	1.1927114	1.00E-04	0.99866734	0.45754435	1.63712424
2.45779248	2.69752884	4.9693044	4.89447395	5.06505851	5.39305696
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.60673763
2.03846219	2.15757732	1.88729871	0.82186995	2.37895889	2.92804197
4.80891991	4.84231957	5.81329427	5.75124823	5.44775369	5.11664804
4.15529785	3.97226515	4.05793567	4.83320009	4.72246966	4.89172222
6.45806929	6.31177114	6.19074746	6.40725168	6.088332	5.81178694
3.1195815	3.18173388	3.34293549	1.7920113	2.77848443	3.2788676
3.76082415	3.75363094	4.03052909	4.49480469	4.67366333	4.58516077
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.67318844	1.40283744	1.00E-04	0.3830282	0.73680436
3.73077705	3.67015371	4.45580241	3.88173436	3.93002137	4.40481949
4.75394712	4.61763934	4.98655308	4.78437998	4.80585465	4.84972386
3.51292106	3.64306303	3.53232411	3.09182019	2.99361809	3.27031876
4.37299617	4.16857936	4.60911075	3.81840787	3.78584122	3.67893595
3.76827717	3.6204018	3.15342653	2.95304206	3.2292588	3.89008185
5.47389618	5.37465883	5.79475648	6.38068776	6.39620936	6.466865
4.96316375	4.5864675	5.88957977	6.00709747	6.05050017	6.04765368
4.88263856	4.61306509	5.05189166	5.22870675	5.08378788	5.1364439
3.24491186	2.81893647	4.65869701	4.47141324	4.60202018	4.61904454
1.80410902	1.20766942	2.81239203	1.76270348	1.83766893	1.76524438
4.38597276	3.9755771	4.21933292	3.96381942	3.80610607	3.77546515
3.7936734	4.09703729	4.51326141	4.11987009	4.14965503	4.4297277
2.16980465	1.70573724	1.00E-04	1.85125236	2.38153485	2.66660333

0.64128862	1.23581265	1.49210505	1.53925066	1.25497231	1.42701197
1.91034193	2.03135097	2.44990628	1.72286738	2.61530411	1.98842102
2.65715454	2.49691169	1.00E-04	2.60653082	2.46559209	1.94911268
3.69239624	3.43445995	2.70324671	2.76469017	3.49113092	2.85228968
1.03507016	1.52033909	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.47049883	3.55545115	3.08096071	2.30979259	3.25070726	3.36653905
0.4365896	0.63240236	1.00E-04	1.00E-04	0.66694363	1.16153411
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70185963	0.9602151	1.00E-04	1.3830838	1.00E-04	1.00E-04
0.46739644	0.56456051	1.00E-04	0.64138534	1.00891332	2.25305833
0.27093267	0.8426349	1.00E-04	0.92639647	0.50891932	1.00E-04
2.92923506	3.11707761	3.430995	1.91579044	2.96287042	2.70786996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.23269493	1.24790174
7.14087643	7.03560822	6.86439165	6.8976848	6.9227477	7.00489762
5.21728278	5.05077048	5.1982019	5.42345801	5.48339215	5.4187501
4.89928008	4.66876865	5.18906501	5.16149214	5.10306188	4.9363977
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21329315
4.63717287	4.71226096	5.46358885	5.53918112	5.58008418	5.271735
1.69945515	1.79939994	1.49210505	2.277952	1.66892253	1.43655224
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36372495	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.81849568	4.77239328	4.56343571	4.2981089	4.71357613	4.40206247
1.69341631	1.27790851	1.28609943	2.15725092	2.03112258	2.03582416
4.06805538	4.51547055	1.00E-04	2.54835083	3.34289887	3.37284972
5.3039361	5.25767528	3.32921899	1.15101404	2.26760354	1.66354794
1.93089773	2.60988322	1.00E-04	0.48793187	0.55282829	1.60141827
4.56392334	4.47987158	4.49461309	4.28931719	4.12908283	4.36784885
3.66082338	3.90103958	2.26969129	1.88547037	1.35151196	1.07060508
3.2479167	2.3610835	1.00E-04	0.97176731	1.04617451	0.83960611
2.70392755	2.30487334	1.00E-04	0.73017762	1.60349931	0.35948108
1.87574882	0.72542868	1.00E-04	1.00E-04	0.46687817	0.76329399
2.77219938	2.0659524	1.00E-04	1.08889817	2.5164862	2.38421174
3.63971672	3.88035396	3.6843231	3.80682939	4.18397194	4.27518604
2.64123741	2.11528518	1.00E-04	2.07380369	1.80236005	1.61733192
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.23297434	2.27950008	1.75472403	1.02250028	1.27413869	2.15400083
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50776922	0.28509766
1.19476816	1.00E-04	1.00E-04	0.37082421	0.38162712	0.75315821
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.23269815	3.88297371	4.0757994	4.64678523	4.60871398	4.73409683
3.63704016	3.06054485	1.52319676	3.67822212	4.38027589	4.34517046
3.20599716	3.58201401	4.54339826	4.75672853	4.81455527	4.93686138
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

4.17698737	3.85986481	2.80911205	2.28537967	2.60444826	2.9195075
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	0.43251302
1.56061523	2.31955063	2.90820899	2.54565627	2.86790789	3.00713491
0.94468958	0.56456051	1.00E-04	1.10611052	1.02099692	1.61256845
4.99863699	4.71638294	4.61872971	4.56605692	4.66926799	4.45863234
2.74803325	2.90131443	4.22637525	4.17297166	4.32007663	4.518297
1.00E-04	1.55952696	2.62043354	1.13404497	2.41106225	3.0086338
2.12909028	1.96399088	1.00E-04	0.37771766	1.26956328	1.9390847
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48497572	1.01249777
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.47010325	0.99898868	1.00E-04	1.00E-04	1.47478667	1.46991839
2.13592147	2.3985814	1.30789632	1.21656568	1.63456008	2.1557672
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.67001712	1.56572441	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.56399031	1.00E-04	0.32900361
2.14757363	2.25727659	1.00E-04	2.02682367	1.96199496	1.83748118
2.53710321	1.95813605	1.8855032	2.95761066	3.18422315	3.05437252
4.00661465	3.81713369	3.42758744	2.82305997	3.50330317	3.45419154
1.18647308	1.35585701	1.00E-04	1.00E-04	0.58408879	0.27250157
0.54572308	0.79219723	1.00E-04	0.72937106	0.33307364	1.00E-04
1.39977674	2.34705747	4.44828442	4.767183	4.44298551	4.68210491
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.17800186
0.52427406	0.45118201	1.00E-04	1.01357697	1.00E-04	1.00E-04
1.29743805	1.52936033	1.00E-04	1.00E-04	1.50430047	0.99080244
2.1622169	2.61476175	3.22270948	3.61354731	3.71162655	3.59166087
1.14786854	1.00E-04	1.00E-04	0.75133275	1.00E-04	1.00E-04
3.7126592	3.50747182	2.4468358	2.42924274	3.58782561	3.31758263
3.07422959	3.33449041	1.00E-04	0.97176731	2.05920085	2.63052081
1.81059714	2.15960461	3.76994279	2.8412263	3.01604736	3.45367945
3.05218647	2.94891755	1.00E-04	1.89083836	2.04916834	2.35703814
4.44587895	4.65258996	4.44065054	4.5377331	4.2583345	4.46943211
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30913278
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55708232	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.86305089	4.18681293	3.45122217	4.24917968	4.09494762	4.65240035
0.32197209	0.45691315	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82240454	1.00E-04	1.00E-04	0.58453186	0.23239377	1.00E-04
0.87960005	1.00E-04	1.00E-04	1.00E-04	0.46002139	1.175402
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.43486758	1.82717935	6.33952416	6.34418619	6.62043818	6.85837546
1.57028421	0.5780606	2.18505109	1.05217148	1.61612685	1.55152689
0.16178697	1.00E-04	1.00E-04	0.9248005	0.65409706	0.60200712
3.26851976	3.44023993	1.46133917	2.65040022	2.71030749	3.26716267
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53612888	0.91523597	1.00E-04	1.55736922	1.00E-04	1.70574372
1.87157374	1.34212988	1.00E-04	2.44168153	1.33427793	0.8617996
1.98893012	0.32854769	2.3824664	2.52872766	1.92631711	1.87026348
3.38121423	3.54379083	4.55499949	4.08342942	4.40597944	4.94314647
3.26649826	3.15549166	2.98892773	2.61401771	3.37497652	3.29083622
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5046079	0.29591257
1.00E-04	0.4932192	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.16373809	3.88918351	4.16483482	4.08786289	3.90628712	4.03801274
3.85796717	3.71213616	3.75802349	4.08330422	3.79195396	3.72426654
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.90503596	1.58698085	1.00E-04	1.38594196	0.44476801	1.00E-04
0.64937513	0.86453657	1.00E-04	0.55821678	1.44666772	0.30913278
2.6459041	2.25677387	3.52590948	3.81664475	4.01647638	4.1104442
1.56973776	1.00E-04	1.00E-04	1.30412422	0.13235227	0.13067397
1.00E-04	0.38408963	1.28316224	0.8921213	1.24138402	1.48275871
2.72020683	2.49368461	1.00E-04	1.67269317	2.04812116	2.08602647
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.60957959	0.56352431	1.00E-04	1.49433793	1.70440222	0.38578366
1.04850958	2.30541698	1.00E-04	1.38518585	1.13757739	0.84332325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78009573	1.00E-04
0.78936327	0.31765625	1.27996271	1.10303594	1.32049098	0.12854881
1.15349999	1.99709276	1.74110187	1.01150217	1.74019614	2.27457611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.53844945	1.00E-04
1.00E-04	0.65423914	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.62087519	1.76191167	1.30789632	2.24034594	2.43769268	1.44707506
4.30329824	4.51522407	4.54342343	4.43836492	4.27548047	4.27764133
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.3685102
1.36506105	1.81597461	1.00E-04	0.83981662	1.88898371	1.89097763
1.00E-04	1.16656541	1.00E-04	1.0768655	1.19293049	2.3758997
5.60584835	6.02061257	7.88055844	8.09501907	7.90963455	7.89008884
0.09292159	1.00E-04	1.00E-04	1.00E-04	0.35284025	0.47449387
1.15073671	1.18360612	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.84328433	2.77162806	2.07842622	2.45664978	2.98515302	2.64339642
0.83522023	0.78691146	1.00E-04	0.85186148	0.98997387	1.52608487
3.16092195	3.05968487	1.60160529	2.55900556	3.08770494	3.1816573

4.14797463	3.76014285	3.12642367	3.80552634	3.74131379	3.88204965
4.0776543	4.13587026	4.92892256	5.47722456	5.26833897	5.26685653
2.21095709	2.52627878	1.75021175	2.04888473	2.20126842	2.67859056
3.309834	3.51100737	3.39676376	3.46589684	3.55173172	3.73858804
3.66508744	3.53861893	2.61207903	3.52893428	3.60453786	3.73316901
1.11305615	1.60579485	1.00E-04	1.45718844	0.36492203	1.46399681
1.75663929	2.26048873	2.52228149	1.06546949	2.40661578	1.97301345
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.44292474	2.35611677	2.94939597	1.94597462	1.79116505	3.01164167
1.31197577	0.89160088	1.9671721	2.90733624	2.75402177	3.07168008
1.5323938	1.00E-04	1.00E-04	0.66130263	0.86549006	1.00E-04
1.68637854	2.17022029	1.00E-04	1.3998261	1.87512749	1.07105153
4.22773917	4.10059636	4.09105956	4.02219594	3.88030267	4.08324243
3.83614082	4.14256514	3.41625474	3.12834002	3.66708593	3.83160909
4.8872412	4.82680386	4.27478106	4.42308574	4.42326956	4.46855496
2.88165974	3.05830587	3.36909231	2.86082175	2.86747459	3.04048277
2.77573732	3.27837572	3.0095185	3.0556559	3.35923498	3.41641672
1.84785847	0.90957977	2.60541333	2.15800014	2.21720066	2.29183064
5.13790858	5.20632599	4.63639001	4.35176841	5.28066888	5.17165671
3.28528644	3.24981955	2.69275155	3.96723863	4.09189925	4.79052312
1.00E-04	1.00E-04	1.00E-04	0.9405472	0.62925662	0.54492932
2.66363463	2.86168674	1.00E-04	2.14322327	2.21121555	2.33103383
3.56562709	3.10922426	1.83973834	3.37807206	3.84656422	3.71238077
0.52523255	1.40607811	1.00E-04	1.00E-04	1.18723241	1.01430607
1.99025623	1.9962266	1.00E-04	0.97614966	2.08346148	1.97253444
3.95617502	4.09479176	3.56464224	3.80748637	4.02748069	4.38208313
3.64885746	3.47758552	3.58627353	3.4160738	3.38054516	3.70997157
2.55559153	3.09237912	2.23552129	2.71194916	2.71125807	3.0834092
3.05205558	3.27411939	1.00E-04	2.44332462	3.24829851	2.59033683
3.87051471	3.96730195	3.41530192	3.37204505	4.4239189	4.28789875
3.03400375	3.56377198	1.82687244	2.97524512	2.95598776	3.12748915
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.7878889	1.00E-04
3.78078638	3.75250925	1.00E-04	2.45585429	2.29887628	2.95526619
2.50459324	3.40604653	3.92639136	3.31672379	3.97117224	3.80445625
2.45425073	2.38006488	3.38304815	4.52423441	3.18024507	2.84453725
0.56427265	1.73088606	1.00E-04	1.01251522	0.43110068	1.71120376
3.67672156	3.69491283	3.96973742	3.27173809	2.81405488	3.36019799
0.68438587	1.00E-04	1.00E-04	1.00E-04	0.52812965	0.98525333
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.74335135	4.97075452	3.59896278	3.81737493	5.02829547	4.54148488
1.20769578	0.81288487	1.00E-04	0.53821433	0.72733774	0.15671146
0.33863567	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.02223871
2.55515655	2.87345404	1.00E-04	1.95946074	2.6032031	3.40015375

0.81324831	2.34935917	2.54080566	1.62901437	2.41226326	2.57370879
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.0423235	1.45544587	1.00E-04	0.9460112	1.8148581	1.51555109
2.87380212	3.22349941	1.85579326	2.60487069	2.72299434	3.14973925
1.00E-04	1.13710365	1.52319676	1.00E-04	1.00E-04	0.30788028
0.94832624	1.36129452	1.00E-04	1.00E-04	0.24760841	1.00E-04
0.42124784	1.00E-04	1.00E-04	1.00E-04	0.62372278	1.37042534
1.38954577	0.81616489	1.00E-04	1.51329497	1.62197883	1.28092819
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.99004933	1.33244719	1.00E-04	0.32864749	0.90981799	1.03825519
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94721506	2.23316705	1.98585178	2.25031353	2.89355574	3.25808306
2.53193752	2.19277085	1.57238317	3.72964595	2.78909395	3.43023387
0.09415495	0.58812963	1.28316224	0.77978799	0.50204647	1.00E-04
2.92925761	2.79145167	2.70943321	3.26019638	2.99262756	3.1563831
2.63451197	2.72664477	1.74110187	1.78617377	2.46237364	2.67162806
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.8444645	1.00E-04	1.00E-04	0.99232461	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77918287
2.40226427	2.56673844	1.75472403	2.88496097	2.85240432	3.29680882
0.81195681	1.76271706	1.00E-04	1.23300699	1.30522059	1.14097151
2.13975378	1.79360067	2.50752323	2.08000107	3.01962657	3.13940781
1.27377123	1.00E-04	1.00E-04	0.56029689	1.33718112	1.33608151
2.36459521	2.21942253	4.07928597	1.74362288	2.38995601	3.29659853
1.80287084	1.4956263	2.3048241	3.15581451	2.39117325	3.35071868
2.41557817	2.53845063	1.06844428	1.24865236	1.46783785	0.93398934
1.8769905	0.38832713	1.00E-04	0.63389895	0.49981427	0.12854881
3.66459572	3.80012216	3.89723561	3.56059895	3.32617938	3.495458
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.84079321	4.55698422	5.43255792	5.56796844	5.86446436	5.84029264
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.27250157
2.92959659	2.63679204	1.06844428	1.05809944	2.39750792	1.72615904
0.71567779	0.65837836	1.00E-04	2.07510049	1.93787888	2.16479986
1.81258374	1.74020233	4.04076878	3.53744679	4.35143227	4.47807098
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.61385433	0.92617582	1.00E-04	1.80464646	2.75693958	2.08609735
3.27266485	2.90135048	3.71655868	2.13140084	1.95249256	2.04718786
1.94290162	1.66971299	2.09553986	1.91162009	1.53934257	1.98521179
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.62234846	1.64599664	1.83966528	2.43471512
0.56427265	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.92472401	2.7532497	2.98634837	2.40338492	2.42404102	1.99120482

4.03555681	3.90398203	4.44030787	4.37486065	4.4576125	4.46039066
3.47675209	3.46227879	2.66095528	3.16690252	2.99832762	2.9813284
4.27459822	4.0753558	3.63167611	3.73203126	4.00386214	4.28046095
1.00E-04	1.00E-04	2.00743688	0.37250181	1.06788516	1.47265845
5.07543847	4.92021033	4.70854184	5.34728951	4.98989324	5.32388866
1.88479721	2.22461092	2.26969129	1.63048637	2.66538676	2.07477573
2.06589329	1.86829346	3.05057917	2.90016586	3.12480049	3.23688281
3.335033	3.60093942	2.71038634	2.7459131	2.97907697	3.61086475
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.74680157	1.00E-04	0.6796518	0.58408879	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.66946765	3.53951992	3.15304658	3.20609263	3.3897651	3.6363127
3.13149375	3.04348602	3.7942416	4.06411294	3.26024344	3.29767295
3.61664764	3.76805877	2.74568818	3.34701635	3.74740943	3.61576867
2.05884571	1.90279896	1.80495607	1.90149381	2.24817643	2.43736311
3.30659101	3.37637431	3.12445599	3.29061962	3.58553118	3.70026952
3.20801852	3.05052642	2.07723847	1.28228524	2.82464731	2.62964505
1.84798637	2.09601584	1.82713664	1.50741755	2.1317557	2.90845716
2.87394839	2.77049436	1.28316224	1.8842342	2.97427542	3.26066528
2.34234986	2.08958516	3.01298693	1.71798866	2.70286727	2.21605464
1.46677725	0.67239608	1.00E-04	0.48793187	1.58487317	0.59750053
3.82699312	3.61103643	4.14043988	3.25591201	3.56300075	3.74091974
4.144845	4.26750678	4.14911534	4.18259978	3.74959638	4.04201913
4.02107036	4.31522968	3.81241963	3.78238564	4.38320359	4.07574755
1.00E-04	1.00E-04	2.00743688	0.79457207	1.00E-04	1.00E-04
3.56962143	3.22242672	3.20105769	3.15825946	2.96772042	3.06304434
3.36698621	3.75544956	3.83137808	3.38511098	3.40415868	3.67027507
2.4964875	2.02468773	2.33627942	1.88990872	1.78281981	1.77821491
1.00E-04	1.97650379	1.62929637	1.27891785	0.97898521	1.58321958
1.4059646	0.93265712	5.02926841	5.57008467	4.86187561	5.4174849
2.15160085	2.9707824	1.00E-04	0.67051518	0.64963779	1.48697891
2.62510774	2.26882267	3.43032351	4.0478418	3.98940213	4.55631825
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.62315799	3.77021165	3.55179274	3.57207588	3.50753327	3.76988156
1.89831859	2.77671197	1.00E-04	1.16688095	1.14235214	1.13604727
1.57467841	1.80998901	1.00E-04	1.00E-04	0.93027127	1.31932901
1.67451587	1.00E-04	1.00E-04	0.72937106	1.22447919	1.06253996
1.89465519	2.42116035	4.11738946	4.65440289	4.1732072	4.28533181
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96518807	1.00E-04	0.76506038	0.62094941	1.29363069
3.0463317	3.52326376	3.52736033	4.05473291	3.72292656	3.41953758
2.42267314	2.7609765	2.65534573	1.63872825	1.85556888	2.08639264
1.3134227	1.00E-04	1.00E-04	0.15557081	1.36628541	0.88757622

2.95175275	2.91976286	2.65080495	3.38074814	3.44129982	3.81834961
1.32136529	1.66718523	1.00E-04	1.00E-04	1.50267459	1.8197826
5.64946982	5.54202075	5.09954117	5.26329959	5.16052632	5.10222464
3.30299557	3.84515026	4.3081583	3.61206086	3.91894572	4.05352102
1.00E-04	1.57778011	5.49850523	5.57467465	5.78873456	6.39490384
4.34286375	4.32024761	2.32004574	2.95520743	4.08222789	3.91543566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.64263752	3.07011721	1.00E-04	1.42748178	2.10053422	2.09491896
2.79841602	2.79931643	1.85579326	3.31226158	2.87230633	3.51381307
1.71141275	1.31458551	1.74110187	2.58117562	2.79303178	2.74199068
1.00E-04	1.00E-04	3.81261211	3.74135914	3.75450676	3.14433961
4.36268413	4.57835186	4.51524064	4.5011598	4.87881128	4.77951874
2.60384939	2.64561916	2.50833377	1.62887203	3.00506255	3.05896927
4.25494232	4.24879724	4.88047011	5.06166147	4.97602754	5.27439655
4.99864935	4.87387466	5.49117957	5.93411137	5.7676209	5.79743442
1.00924216	1.00E-04	1.00E-04	0.3335146	1.74661309	0.27720511
2.53876955	2.92607064	2.89287584	3.161042	3.66142782	3.58948324
2.72967526	2.93872732	1.83013888	1.49495408	0.95790727	0.60388987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.78980739	2.79570614	2.290193	3.26982535	3.82060579	3.71197331
0.72558424	1.00E-04	1.00E-04	1.62236619	2.08448528	1.821825
1.00E-04	0.68179762	1.00E-04	1.00E-04	0.41954009	0.67743264
3.13211589	3.25903481	2.48047272	2.34005014	2.52454315	2.99492047
2.61729291	2.87800332	3.48907638	2.52522333	3.18031911	3.2314603
3.03155866	3.67301737	1.75472403	2.05669919	2.22288134	2.54860844
3.62148879	3.86164279	3.10049827	3.44217075	3.669364	4.03595311
2.13995382	1.17587373	1.30789632	0.24834324	1.97742695	2.36670124
3.86751075	4.04835507	3.43224275	3.84453156	4.41199523	4.15652071
1.98130581	2.86620914	1.00E-04	1.22760512	1.10587512	1.11299891
2.46224753	1.4153856	2.4342691	1.93837566	1.56079525	1.81799277
2.22797836	0.98026975	1.00E-04	0.4783264	0.11579337	0.84393191
2.47241685	2.74678659	2.33221482	2.82893986	2.49090344	3.02734704
1.11831413	1.55803921	1.00E-04	1.58478696	0.29540724	0.4595271
3.13622346	3.07760808	1.97484589	2.81910334	2.70546323	2.60628755
1.68160522	2.20800849	3.96867812	4.35115333	4.47598499	4.61530794
3.78928964	3.38416171	3.94639062	4.60542434	4.60856612	4.48921176
4.37685003	4.61549032	4.74455273	4.06050758	4.47228929	4.9363816
1.00E-04	0.78770757	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14104325	1.23455783	1.00E-04	1.3227076	0.19191379	1.00E-04
2.87745135	2.52062231	2.64569391	2.20316286	2.40477331	2.53506465
0.40515069	0.67526174	1.00E-04	1.4793964	0.67081425	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56456051	5.1279435	4.78819453	5.34506213	5.79620162

2.89123056	2.88847829	4.14847648	4.08230378	3.97185403	3.93805524
1.58531709	1.17595015	1.00E-04	1.83985051	1.95079416	2.12724925
0.72375712	0.52991195	1.00E-04	1.00E-04	0.41046866	0.61736931
2.61069541	2.64254089	3.35245691	3.30389473	3.51885393	4.03245396
2.48562423	2.29509787	2.81239203	2.50133093	2.78045504	2.9487264
1.00E-04	0.78691146	1.00E-04	1.00E-04	0.97079534	0.46104644
1.98216994	1.724221	1.00E-04	1.5360738	2.45558987	3.53587117
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31392788	3.79223618	3.49023593	3.30673451	3.3380049	3.21258657
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.83112921	1.88900069	1.00E-04	2.05171305	0.80427381	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.48198166	1.00E-04
3.04699821	2.93521537	2.34479695	2.83491631	2.54105609	3.15544714
2.63726924	2.07316962	2.97831667	3.06521221	3.04145841	3.17367588
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.02594104	1.00E-04	1.00E-04	1.00E-04	0.80262549	0.94843302
3.02075042	3.20948344	4.06202423	3.64929878	3.35451238	3.06453195
5.06931911	4.95932979	4.98444404	5.63316185	5.21941829	4.84874383
1.19317593	1.4931852	1.00E-04	2.5121198	1.98264783	2.07078183
2.09164946	3.02998298	1.00E-04	2.44688032	2.07123656	1.83264208
3.65827787	3.74275798	2.11078021	2.53488653	3.17675625	3.28896156
1.38876446	0.86987972	1.00E-04	1.515403	1.87538402	2.22818635
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29810286	0.79675938	1.00E-04	1.00E-04	0.33647818	0.43889535
2.74403927	2.3440233	1.00E-04	1.54013513	2.47962701	2.30114842
1.00E-04	1.00E-04	1.00E-04	0.37250181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38717795	1.57680763	1.00E-04	1.00E-04	0.48684448	1.37492324
2.16798165	2.62282202	1.28316224	1.97883866	1.72023257	2.34822939
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81455276	1.00E-04	1.00E-04	0.68902433	0.79131372	1.36022059
3.42869883	3.72441829	1.75472403	2.36623244	2.42177853	2.79260007
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.52138741	0.60015864	0.15671146
0.62534503	1.21905297	1.38754516	0.83001963	0.87940262	1.25689066
1.00E-04	0.8876832	1.00E-04	1.00E-04	1.00E-04	0.13067397
1.03484199	0.96289389	1.00E-04	1.00E-04	0.43110068	0.53054394
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63162278	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.23535101	3.42908929	3.91056046	3.37584618	3.23189776	3.50856586
1.00E-04	0.59418646	1.00E-04	1.32940183	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.98292156	1.00E-04	1.00E-04	1.00E-04	0.91900178	0.73210023
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.87087196	0.61493603	0.53120866
1.00E-04	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.00E-04
1.18311716	1.00E-04	1.00E-04	1.55503238	1.12874952	2.12688246
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.50097847	4.64428675	4.85998694	4.91344667	5.08427747	5.20159994
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.3272988	1.78732678	1.00E-04	0.82445794	1.01719108	0.27250157
2.00231422	1.58728232	2.54080566	0.99463102	0.19191379	1.00E-04
3.6584251	3.30407596	2.88619295	3.12221652	2.35350408	2.55522847
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.37215976	1.00E-04	0.87693458	0.68701705	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.54857924	1.00E-04
1.11890853	0.72542868	1.00E-04	0.86473302	1.00E-04	0.48063511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.82308657	4.41085754	3.52234827	2.8176111	3.60591532	3.74642098
4.18641288	4.39702399	4.65317149	4.53114144	4.63789559	4.63890363
3.50832762	3.54877023	2.77018981	3.50723985	3.14484422	3.75531118
3.39005177	2.83789132	1.46133917	3.23251425	3.57972469	3.78926563
1.83966413	2.16514919	3.05042213	3.29035865	3.46515879	2.69612326
2.3819844	2.15461688	2.83477783	2.58856288	2.88452951	1.7244518
3.3739299	3.7168339	1.00E-04	4.2075915	3.56247358	3.42253908
1.00E-04	0.48913524	1.00E-04	1.00E-04	0.82200558	1.00433438
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32280291	1.61146519	2.08421616	2.79789361	2.97387499	2.45644771
3.19047254	2.75004451	4.67336398	4.29550085	4.61391517	4.47993723
3.34775873	3.63545996	1.30986649	2.38417651	2.95983514	2.63574173
1.00062344	1.25524102	1.00E-04	1.69233516	1.30971715	0.53812177
3.878282	3.87606941	3.31067526	2.98946324	3.67279697	3.6514882
1.44527979	0.62690381	1.00E-04	1.00E-04	0.33669923	0.62204603
1.00E-04	1.00E-04	1.00E-04	1.13469445	0.9304203	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00329714	0.30661977
2.83596695	3.06241105	3.47824364	3.52703177	2.74194014	2.51847086
4.04114688	3.89084813	4.38377668	4.65310791	4.46991374	4.57756281
4.08938538	3.80177471	3.65954939	3.91895556	4.26404513	4.52025687
4.73203011	4.96078807	1.75472403	3.33644269	3.79444703	3.82872185
1.09909695	2.32379995	1.00E-04	2.19081759	2.74255917	2.73120738
1.82543377	2.9127626	2.04842855	2.49031537	1.90096191	2.43475099

1.00E-04	0.92769294	1.00E-04	0.64978022	0.79734239	0.57288739
0.91791306	0.5280252	1.28609943	0.69241499	1.00E-04	1.00E-04
1.00E-04	1.68896825	1.00E-04	0.79830865	0.71119643	0.16236604
1.00E-04	0.90571514	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.0351123	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32943408	1.00E-04
1.00E-04	0.5153255	1.00E-04	2.16449042	2.05017341	1.97296713
1.00E-04	1.00E-04	1.00E-04	1.35142535	1.00E-04	0.38032321
3.22694859	2.28931897	2.73253413	3.33956811	3.80517391	3.79381263
5.81894358	5.78186353	6.24162081	6.36486083	6.30817756	6.19239481
1.40394345	1.00E-04	1.01811585	2.78711078	2.59735744	1.54192398
2.64830251	2.61736692	1.00E-04	0.48793187	0.24021141	0.49041951
1.12013702	0.49885661	1.00E-04	1.00E-04	0.52560591	0.65519325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85278439
3.97062564	3.87676432	1.30789632	3.45616146	3.28275924	3.53597581
3.99478415	4.30608797	4.3114219	4.08688538	4.12403127	4.30436962
1.16460224	1.46439734	1.98685244	2.28859457	2.36711034	1.52495952
1.51126731	2.2925157	1.30789632	1.9230847	1.89674279	2.64819387
3.23322861	3.61799338	1.00E-04	1.00E-04	1.17930607	1.05514262
0.93000202	1.00E-04	1.6068095	1.00E-04	0.17649229	1.00E-04
4.41109212	4.55796716	1.40283744	4.72450296	2.76692661	2.78937263
0.68789296	1.02030941	1.52319676	0.95537362	0.78930998	0.66135977
4.50734221	4.35816881	3.22900855	3.37204511	4.37405316	4.21160281
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	0.38032321
1.00E-04	0.57176089	2.26969129	1.01763334	1.00E-04	0.8007554
0.47422388	1.01969762	3.16480174	0.86753166	1.8844664	2.43205247
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32900361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.34600017	0.5011611	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.07695585	5.04958107	5.22698132	5.35850999	4.7075765	4.93212124
5.3462518	5.22134619	5.13006933	5.56086514	5.40290543	5.53157759
2.06572161	0.55653387	1.00E-04	1.86838461	1.30099039	1.83051382
4.91972254	5.23121359	4.77892875	4.72488038	4.63764827	4.95355759
3.97459555	3.84712668	3.00821343	3.79682769	3.3809084	3.53082907
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09810229	2.11839337	2.73307053	2.49982766	2.8876592	2.92538944
1.81724403	1.87770498	1.00E-04	1.6542593	2.03046784	1.79653903
4.1128694	4.0033342	1.97900798	4.03652365	4.2211977	4.47242183
1.04771572	0.78770757	1.00E-04	1.57445238	1.21070756	0.44347704
4.94937632	4.92837781	4.48646883	4.84875223	4.34762052	4.81783008
4.490685	4.77111958	5.49569266	5.31012657	5.24624217	5.30150018

4.39984272	4.56622904	4.43157899	4.23406724	4.13605369	4.27949048
3.58808597	3.68731523	2.94734749	3.57196494	3.08035884	3.44540368
1.10504988	0.75510726	2.26969129	0.97314008	1.48103923	1.55073256
4.31859815	4.46522494	5.79970141	5.25777112	5.51917746	5.4865646
0.94782264	1.5086629	2.00743688	1.62587815	1.93503753	2.65121832
1.73624979	1.55926986	1.00E-04	0.61850267	0.64047462	1.00E-04
5.68801272	5.67797033	5.15489666	5.18825113	4.7214283	4.80067874
4.5055384	4.2819509	3.7127618	4.07547179	3.66883581	4.13117767
0.60516599	0.87634654	4.52528479	4.70812208	3.61480244	3.25553569
5.47424492	5.5104798	5.56794881	5.51421958	5.49681541	5.5846328
4.15295402	3.94314328	4.56430488	4.64783021	4.47943773	4.57410577
5.16659565	5.10864824	5.323647	5.35545994	4.89064449	4.57424434
3.61912596	3.46846735	3.81358559	4.40871661	3.63028755	4.05379737
3.30813166	3.27591739	3.35865875	3.81367117	4.10486075	4.17195835
3.79822141	3.93541638	3.87479465	3.25550135	3.53762813	3.63340533
5.33892779	5.32934036	5.25663986	5.41181861	5.4032193	5.4374589
3.64737824	4.24876246	4.31273399	4.32939492	4.13531523	4.39288871
2.89511541	3.36824121	3.52201695	2.65856062	2.86062213	2.92752858
2.99838646	3.30641178	2.04080341	2.67297831	2.78511102	3.4678048
1.00E-04	0.85117793	1.00E-04	1.00E-04	1.12829054	0.95667591
4.05210179	3.98525592	3.27724685	3.08673897	3.57693381	3.43925943
4.43459449	4.39617402	4.30111736	4.64178943	3.94029183	4.0862464
2.11628409	2.88953294	1.30986649	1.00E-04	0.97925352	1.70546458
2.53927127	2.84886138	1.49210505	1.71166564	2.53592889	2.12775502
4.71160209	4.65879694	4.57785014	4.28613559	4.11988263	4.45560284
4.71680586	4.53577086	4.26694085	4.11639324	4.13986172	4.47357843
5.14074639	5.21553402	5.16661333	5.33328292	5.18987776	5.40504544
4.75944377	4.59442301	5.39881917	5.74977488	5.48717705	5.50468263
5.89491553	5.69419325	5.60395005	6.26396848	5.33218363	5.42038964
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.1252747	1.00E-04	0.52738567	2.36553404	0.81446712
1.00E-04	0.66862807	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.91722507	3.83586665	3.35809734	4.15201898	4.12613921	4.02518517
2.0154618	2.61688152	2.56977955	2.10724284	2.29463673	2.23984725
5.14567266	5.4679647	3.77107638	3.62760362	4.87753383	4.79089755
5.27069372	5.1151564	4.73453847	5.15976113	4.96198528	5.09879976
3.23582292	3.53999151	3.23460354	2.95226719	3.1783513	3.57077186
5.31433815	5.27986886	5.48020061	5.38833998	5.37541027	5.28911717
4.66540319	4.65072204	5.03103104	5.12748717	4.50653137	5.0876182
1.50840899	0.5280252	1.42763756	1.55406826	1.78659524	1.67396976
3.01530983	2.31170913	3.60012502	2.73720348	2.82818158	3.46555688
1.89721185	1.37519714	2.55360932	1.87954816	2.86354312	2.47653038
2.61729106	3.31724015	3.226378	2.64926356	3.06571654	3.37982316

3.95653153	3.72613111	3.74965689	2.7439712	3.37853466	3.34716378
0.73897369	1.00E-04	1.95366243	1.28063051	0.96319352	0.96242273
3.1068781	3.49911903	2.57007059	2.22627851	3.20324844	3.15615095
2.15509513	2.38415463	2.46682134	1.73868523	2.30516408	2.26267152
2.36576107	2.77513234	1.00E-04	2.42528672	2.72330686	2.61174068
4.33344047	4.55059389	4.56177769	4.33873581	4.60086217	4.29588355
2.25355327	2.45843943	2.26668789	2.40129322	2.19468924	1.05834043
1.2758792	1.00E-04	1.28609943	1.71909709	1.70203774	1.11409275
0.7913592	1.85508646	2.37523392	0.54938023	1.3054473	1.42046734
3.7994382	3.78911726	3.55460449	3.05391903	3.82764659	4.17420222
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.01732698	2.85104959	1.60160529	1.27090047	2.84593566	2.44083938
1.00E-04	0.72542868	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71683847	2.49101934	1.00E-04	1.58111002	1.44777913	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.1691158
2.96700997	3.0597208	2.0270781	1.88021836	3.05829622	2.77847422
2.33880249	3.01751607	1.01811585	1.61998433	2.95768226	2.90310893
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.09132832	2.87571655	2.68297528	2.90828355	3.43089592	3.40728576
2.75770518	2.2350432	3.61382153	3.03996533	3.53701369	3.27320956
3.07747944	3.64898682	1.00E-04	2.90741557	3.31902823	3.1176513
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.21380205	1.00E-04	1.00E-04	0.52699329	1.00E-04
0.76033547	1.00E-04	1.00E-04	1.00E-04	0.18945863	1.00E-04
2.68466371	2.00865218	2.71231307	2.318674	2.8953536	3.14800804
1.00E-04	0.56456051	1.00E-04	0.8650625	1.00E-04	0.16565788
0.55840391	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.33046838	4.09536123	3.38917286	2.96978345	4.10244261	4.07184766
1.26728109	2.51394676	1.00E-04	1.8288101	1.95626876	1.40846638
1.00E-04	1.00E-04	1.01811585	1.00E-04	1.00E-04	1.00E-04
1.52854036	1.23808232	1.00E-04	1.00E-04	1.62264751	1.54956801
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.57289397	3.59842559	3.53563617	3.99813806	3.73084393	3.36389813
3.49281271	3.6197618	3.4134568	3.60077645	3.58403277	3.58959388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.64234672	1.00E-04	1.00E-04	0.16448447	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.79830865	0.31843376	0.15499183
2.76419717	2.44780258	1.00E-04	1.00E-04	1.00E-04	0.13067397
2.58554956	2.90361753	2.83132806	2.94716559	3.52417415	3.26362148
2.80218923	2.35997359	1.73310115	1.89056009	2.82333153	2.12466349
0.60834696	1.00E-04	1.00E-04	1.28091524	0.74908237	1.37930015
3.30336352	3.30181482	3.27205024	3.11451334	3.2319659	3.41518969
0.32608229	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.52556783	3.46918719	1.00E-04	2.37970611	2.18451717	2.19362674
0.17793811	1.00E-04	1.00E-04	1.20645445	0.30238084	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.63759006	3.94246818	3.42555753	3.29417236	3.87627084	3.55563357
1.00E-04	0.3708313	1.00E-04	0.77932464	0.84534226	0.80672336
2.32698607	2.80680397	1.27996271	2.39410488	2.53146941	2.38895058
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.58408879	1.00E-04
3.83991423	3.65040148	3.67782723	3.94742695	3.65062136	3.44375951
1.39863505	1.25018001	1.06844428	0.83302572	1.82871734	1.15114546
4.39595828	4.17905065	5.23433241	5.4838436	5.34002111	5.35755877
5.36105792	5.34806616	4.90849468	4.83597438	4.83724462	4.72739674
1.00E-04	0.40836194	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31966481	3.71495433	4.92036447	5.11831596	5.37635642	5.29392842
6.02852512	5.83462602	6.19226604	6.31315915	6.25368878	6.11801769
3.0550404	3.08629963	3.35155155	2.98421143	3.40499585	3.15924895
2.06794196	2.19829081	1.74110187	2.22069098	1.90339238	2.42102152
1.00E-04	1.00E-04	1.00E-04	0.41871868	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.27093267	1.00E-04	1.91351535	1.37508229	0.7732292	0.82630984
3.61745145	3.59482399	4.63759458	4.30044431	4.43594538	4.6638251
1.00E-04	1.00E-04	1.00E-04	0.37506193	0.19893605	0.27250157
3.30296605	2.95632438	2.98661767	2.84928337	3.43695659	3.32320134
3.06320037	3.25245835	2.53060295	2.27920152	2.82484002	2.5906381
1.00E-04	0.69835557	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.70386128	2.68994909	3.63801422	3.42306188	3.63037888	3.49853782
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3.48678275	3.62860299	3.06789261	2.87778627	3.02226686	3.74638792
2.96425532	2.63443658	3.43890646	2.77314235	2.72845016	2.52093456
3.20612864	3.54046582	2.76110754	2.59404215	3.05403546	2.92239671
2.94324729	3.6306963	1.60160529	1.68853062	3.25716657	3.54727996
1.00E-04	0.48794717	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.78499353	1.00E-04	1.00E-04	1.00E-04	0.68895314
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21464768	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.33590083	5.13617386	5.09817546	5.43610482	5.3266384	5.28485958
1.00150049	1.74102938	1.00E-04	1.35309403	1.03938287	2.0353523
4.138954	4.13011587	2.55991674	3.40373812	4.08500488	4.11375348
3.49319914	3.41358859	3.38057837	2.80912526	3.48648457	2.9256326
1.95378977	1.02137619	2.3824664	1.53283628	2.5741754	2.3874854
1.83517838	2.02850298	2.82508876	3.33645809	2.93222227	2.4394734
1.52188094	1.486373	1.00E-04	1.00E-04	1.21234238	0.53812177

5.13586836	5.22721707	2.52319254	3.8321371	3.30337094	3.15787872
4.20102748	4.34112275	3.89922978	3.92717915	3.82961066	3.99823918
3.69467334	3.8020021	1.73310115	1.89555169	3.12526241	2.57974238
3.51109031	3.31241589	2.20392634	2.60897209	3.05106027	2.58892053
1.92994846	2.72823904	2.26969129	2.03100375	2.35729068	2.84167096
3.4091008	3.25807825	2.86329061	2.44367401	2.45503323	2.51085797
3.18056627	3.18819369	2.94631814	2.80114444	3.01234074	3.10273067
4.83060492	4.76228789	5.02734071	4.84946267	4.94509653	4.90851116
2.11228965	2.71078304	2.52800881	2.02273355	2.42495652	2.82661607
4.48035985	4.28672188	3.97744786	3.7875256	3.9871683	4.10239123
4.62741701	4.75656207	3.8235578	3.66590085	4.35564127	4.5656011
4.24924346	3.99830134	3.41376822	3.00696643	3.74678889	3.745134
1.30833072	1.9658295	1.00E-04	1.36529184	1.15060258	1.38801877
4.15542613	3.84576467	1.76382238	3.19421283	3.72920183	3.91867122
4.37186955	4.45053901	3.92504626	2.92647012	4.12965062	4.03779287
4.32550266	4.5636414	3.97674893	3.86346733	4.63485553	4.5950631
4.1185471	4.0696338	1.97984605	3.00631647	4.02148024	3.79245083
3.23258743	3.11412925	1.90695286	1.74893232	2.71939052	2.87943589
3.81715767	4.05389361	2.53397315	2.03004539	3.74795066	3.22438019
4.23769921	4.24243474	3.75294592	3.94837905	3.9084915	3.55963987
1.00E-04	0.56312682	1.52319676	1.00E-04	1.00E-04	1.00E-04
5.69402459	5.44463527	5.11697554	5.66816251	5.51376686	5.49512121
5.06012521	4.99708316	3.93934825	3.54705458	4.3138866	4.70172195
1.00E-04	1.00E-04	1.83013888	1.00E-04	1.00E-04	1.01249777
0.91698777	1.41866716	1.00E-04	0.56657147	0.11783267	0.86314901
2.38156303	1.4555529	1.00E-04	1.00018268	1.9552274	1.00E-04
4.51274769	4.57765357	3.77709018	3.76715469	4.51159769	4.48311399
2.49080267	3.07969111	1.40283744	2.05434994	2.94745225	3.0895389
4.34980708	4.59991653	4.13986866	3.81197645	4.36710615	4.30835743
4.16864548	3.58334784	3.30973298	3.78026677	4.04794515	3.96241124
4.00592415	3.72164489	3.00306664	4.18610499	4.14695094	4.11310335
2.98216311	3.08546934	2.88736099	2.73991979	2.75519843	2.36502959
2.91040809	3.13267887	1.38754516	2.81392382	2.9348135	2.95908903
4.85391065	4.81244421	4.9017259	5.17397215	4.95790707	4.88418808
5.34703543	5.25759161	5.21853976	5.11940512	5.15367549	5.45447402
2.76298363	2.37457965	2.77499139	2.53863874	3.25224566	2.91371861
1.92706671	2.76478063	1.00E-04	1.00E-04	1.83366401	2.05199487
2.88047396	3.12220952	1.00E-04	2.77144686	3.35512379	3.52130414
3.54111979	3.24482679	1.00E-04	2.80558263	2.8335927	2.2681609
3.3081655	3.52420466	3.42856222	3.64807236	3.58147911	3.30981593
3.9791686	3.92053302	3.5749464	4.09378055	4.06483105	4.34764248
1.76576125	2.3512737	1.28316224	0.20501279	1.29222809	1.46327646
1.52025144	1.46559972	1.00E-04	1.26044478	1.39002776	0.73195881

0.2591487	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
3.4308162	3.23074323	3.38837234	4.28705982	4.47966763	4.3948782
4.48139873	4.00625169	4.38113832	4.02638795	3.81474455	3.75545517
3.97334148	3.78105605	3.33579347	3.73557336	3.71543964	3.79497615
4.58378974	4.57419592	6.6760393	6.74645878	6.87710911	6.85084403
4.27794357	4.30466442	3.54779675	4.05903309	4.67877854	4.62934913
3.74383168	4.11478232	2.68536171	3.57345875	3.38451452	3.67162536
1.00E-04	0.37215976	1.00E-04	0.79650495	0.11579337	1.00E-04
3.00520439	2.88053278	1.00E-04	2.12644195	2.59714024	2.76495676
0.9323496	1.00E-04	1.00E-04	0.97618839	0.22439264	0.89827395
4.58998796	4.70587483	4.45606755	4.88521897	4.95496106	4.99033588
3.50309653	3.66886685	3.81471303	3.40686089	3.86044088	4.23479524
4.9579304	5.10409135	4.8017508	4.68549607	4.85779	4.75915657
0.92596058	1.00E-04	1.00E-04	1.66248372	1.56047929	1.94309725
2.62217311	3.1987556	2.22446606	3.42714108	3.31148796	4.03863896
3.93382379	3.86606639	4.60027868	3.74923375	3.63812173	3.80985615
4.17143964	4.18869699	2.03688221	3.82234053	3.5460235	3.58118651
1.769645	1.73050202	2.0270781	1.33004724	1.79006255	1.85197934
1.4416784	1.77559678	1.00E-04	1.11274309	0.2996173	0.8944755
4.60587703	4.70922311	2.9700826	3.22685242	3.51139502	3.02570818
2.80096186	3.51939288	2.03123029	2.1579358	2.37568461	2.20526383
1.09684643	0.50469062	1.00E-04	1.00E-04	0.63512764	1.12002984
2.97844106	2.39329032	1.00E-04	1.96472643	2.24778639	2.46594414
2.90703925	3.60800572	3.42357436	4.36175053	4.08624112	4.30534219
1.87027396	2.18623037	2.8054736	3.61893272	3.43906727	3.49587816
2.33874073	2.92794095	2.87329459	3.36622527	3.01293388	3.1842741
3.92243064	3.90849512	3.52593332	3.10797129	3.89637127	3.63766816
4.52706051	3.84912055	4.15241996	3.87977682	4.57182413	3.53360082
1.62383016	0.77082985	3.86726558	3.65744738	4.16545057	4.15168239
0.44197566	0.21289605	1.01811585	1.49176806	1.63866041	2.66733921
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43110068	1.00E-04
5.78919591	5.65301771	5.45704292	5.52061208	5.58382623	5.68320699
3.43738157	3.91707287	6.25261819	6.31598505	5.98758181	5.91209408
0.62241067	1.48312635	2.00743688	1.97461113	0.27885677	1.26780435
2.10934538	2.28534047	2.88504151	3.04584465	3.46665925	3.46680391
0.58826351	1.13157917	1.00E-04	1.00E-04	0.80683637	0.90448119
0.54572308	0.55591422	1.00E-04	0.72382203	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17279347	0.53725635
1.47043649	1.83306567	2.08421616	1.92825814	2.10628923	2.1283675
4.9103737	5.49683058	2.6120959	3.83961723	3.87209516	3.65072733
3.24080892	3.8169613	6.41506864	6.53646814	6.19845847	6.29962486
6.27425594	6.22235825	5.72264356	5.92832539	5.67422356	5.89182536
5.40984038	5.48287663	5.25921635	5.28831889	5.41240765	5.20794993

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.40283744	0.78815465	0.86087302	0.89528535
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.46099858	2.70491649	2.7318216	3.7931718
0.8524249	1.00E-04	1.00E-04	0.48153018	1.87982403	1.67961262
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43505352	1.22036187	1.00E-04	1.00E-04	0.3883143	1.00E-04
1.72060235	1.06381005	1.00E-04	1.00E-04	0.16276316	1.2768619
0.85981543	1.24269538	4.74053859	4.4162787	4.39293754	4.78021002
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.84817039
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62241067	1.4750123	1.42763756	0.93779755	2.0562577	0.64822431
1.00E-04	1.21380205	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.23592101	4.41543913	1.99302242	2.01943803	2.11964843	2.26340154
2.66662222	3.1705612	2.08421616	1.9461574	2.06992449	1.70544897
1.13557189	0.52991195	1.00E-04	1.5560291	1.44538046	1.00E-04
0.45044286	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.30980585	1.00E-04	1.00E-04	1.30453494	1.57517901	1.98944628
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.09002619	3.73333362	3.23902935	3.46337694	3.22912045	4.03096703
5.83667657	5.81776242	6.05137446	6.88846452	5.75162678	5.78793462
5.18906899	5.12201868	5.09278315	5.66191314	5.19315626	5.54097785
2.66342736	1.71580607	1.00E-04	2.48143362	1.54687213	1.48820286
4.37461247	4.50368554	4.90463946	5.45670291	4.96909654	5.2577253
3.28786519	3.39992023	3.78144149	3.03393893	3.22511867	3.18285448
5.05994761	4.87837715	4.34792352	4.51270983	4.556501	4.81792191
3.99226697	4.30413957	3.78307414	4.54020668	3.8711068	3.8938423
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.15958821	1.00E-04	1.00E-04	0.66616267	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12723689	1.00E-04
1.4650074	2.57264786	3.86953428	3.14227221	1.999628	3.41479825
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.18229203	1.00E-04
2.6979048	2.9400644	1.30986649	2.70151721	2.00822175	2.27131569
3.22964697	3.1664675	3.58741804	2.93310801	3.27556568	2.92719361
3.40284991	3.41731651	4.55541426	4.37693044	3.75903611	3.53758673
1.77704449	2.29574802	2.16483827	1.99357551	0.27075658	0.77841026
0.97418909	0.39496032	1.69861292	2.0970992	1.24921574	0.3321585
1.74725639	1.00E-04	2.50525015	2.54343509	2.65914903	1.63520265
1.88644116	1.20055159	1.00E-04	2.84173052	1.92010389	2.48572635

3.51178367	3.84033202	2.12317658	3.63787716	3.83185847	4.14588979
0.24405756	1.04947162	1.00E-04	1.00E-04	0.83218292	1.0333544
5.09926615	4.75475021	5.31782516	5.46378466	5.3065396	5.29235008
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	2.7504248	2.34740255	1.91953873	1.97328715
0.82424504	0.55591422	1.75021175	1.42573214	1.65946655	0.9178873
2.49171123	2.98299771	2.63228534	2.41467997	3.29197989	3.13100157
4.54302628	4.52801638	2.88332747	4.43565474	4.22906384	4.4952863
3.05268377	2.65431292	1.00E-04	2.8701982	2.64161181	2.83409879
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.57767707	4.66546051	4.70948195	5.00524531	4.63851161	4.67054281
0.8065113	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.7048471	1.82578691	1.00E-04	2.00522532	0.20417386	1.19783605
1.00E-04	0.45495213	1.00E-04	1.00E-04	0.51809791	0.89361623
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.5898784	1.99144305	1.11518827	2.33712472	2.13044527	1.60071755
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
3.30161561	3.25427324	1.75021175	3.29025245	3.28833857	2.71798753
0.47462842	1.00E-04	1.00E-04	1.00E-04	0.51815449	1.00E-04
0.71720198	1.33727625	1.46133917	1.00E-04	0.54094522	0.85956858
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.48514125	2.36331651	1.42763756	2.48281132	2.90483236	2.82556429
2.22266789	0.67318844	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.27664964	2.01287206	1.70608413	2.66196236	2.65434509	2.36725653
0.82280344	1.47496674	1.00E-04	0.94636882	1.28623591	0.9146481
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01460434	2.38647376	1.00E-04	2.62266278	2.03525847	1.78211098
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.14776234	5.24880961	4.89556005	5.25567573	5.31323436	5.31655228
3.06935841	1.79686643	4.25977556	4.34014078	4.30979133	4.60121068
0.74114016	0.96024271	2.18719845	1.89798611	2.76044478	2.56604815
1.26360731	1.3650487	2.54477214	3.27339139	3.19065761	2.68749362
0.79459003	1.59114919	2.98081126	3.24123677	2.49724384	2.83606738
0.27093267	1.03825739	1.00E-04	0.98658811	1.1105214	1.50033884
1.00E-04	0.67158499	1.00E-04	1.11516578	0.44971016	1.00E-04
0.33099482	1.02760975	1.00E-04	1.00E-04	0.76119895	1.00E-04
3.42258953	2.9554464	3.73316021	3.91246438	3.92193813	3.98485828
4.64548637	3.89950085	5.4467398	5.36948424	5.41355388	5.35902927
1.57701335	1.00E-04	2.32722852	1.5180082	0.62091118	0.90532432
1.00E-04	0.9906822	1.00E-04	0.41438246	0.42083495	1.00E-04
4.53488596	4.73747007	3.47948174	3.85580952	4.74349261	4.6061658
4.42936284	4.29430779	3.8262984	3.28439016	3.90735945	3.92621638
4.40140322	4.29433438	3.40041131	3.26292453	4.00015237	3.80203055

1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	1.00E-04
1.53205701	1.59604917	2.7284105	1.00E-04	0.87155379	0.62343015
2.30124997	1.98476286	3.55163061	2.70680509	2.98715044	0.58575506
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43707319	0.74704602
4.41538245	3.86810356	4.56284031	4.98078835	5.33552505	5.06463141
4.67714221	4.52973775	4.88106119	4.70540908	4.73151517	4.92326765
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.94871306	2.03220122	1.00E-04	2.44365332	1.56765654	0.50025877
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.96609815	5.07857437	5.19945423	5.15445613	5.04784848	4.97071623
1.34466531	0.9602151	1.00E-04	0.56657147	0.73518803	0.65732504
4.89663406	4.8849148	3.58561417	4.77467221	4.91001417	4.83760965
3.32081899	3.35155563	3.25815495	2.63151867	3.51543946	3.15989853
3.89238139	4.15252995	3.86006692	3.77430781	4.12151142	4.00831611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.6957138
2.22986901	2.65726451	2.12829077	1.69367308	2.14884729	2.5990401
1.00E-04	1.00E-04	2.3824664	1.00E-04	1.00E-04	1.00E-04
2.8859035	2.26322657	3.69595786	3.79315041	4.09173162	4.31267627
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.07057074	2.92930067	2.86038752	3.12594154	3.38787527	3.5583007
5.94589829	5.68051334	5.95704546	6.22903167	5.97503609	6.01611327
3.77233092	3.92265273	5.07257498	5.51668655	5.40339967	5.46840149
1.87575531	2.98633356	1.30986649	1.64982693	2.49492732	2.44649856
0.44413777	1.26837205	1.42763756	1.00E-04	0.0905788	1.37314191
1.46550752	1.85303672	1.42763756	1.81310705	2.33495903	1.7921917
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.41927057	4.40622586	1.00E-04	1.00E-04	1.21561663	0.9779627
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49240339	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.93024084	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.25341758
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.68029765	2.38368755	3.67518218	2.02344243	2.71710601	3.07060324
4.1508305	4.28159536	3.66574453	3.51146018	4.10824509	4.29198522
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.38234885	3.28196648	4.32909346	3.77134767	4.35619182	4.3976004
1.07921678	1.00E-04	1.00E-04	1.00E-04	0.37647095	0.43388789
2.59997036	2.83911792	1.30789632	1.85936167	1.96703117	2.25799678
3.13829842	2.09187196	2.53697865	2.71415626	3.15343118	2.89749729

1.80822945	1.77885519	1.00E-04	0.67325668	0.33647818	1.00E-04
2.87945377	2.92136579	1.49210505	1.4771377	0.53188893	0.81993071
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55632674	1.00E-04
1.00E-04	0.91025425	1.00E-04	0.80322583	0.46570086	0.65648987
4.14775367	4.73553881	2.24726389	2.09401055	2.28630513	2.51880695
1.00E-04	0.67979967	1.00E-04	0.64324128	1.00E-04	0.27250157
3.09701928	2.24368188	1.00E-04	1.95595387	0.55632674	0.7969366
0.54975373	1.35494419	1.06844428	1.00E-04	1.10251874	1.28618287
4.8855208	4.7448498	4.43368504	4.42289437	4.35286274	4.7589066
3.53583923	3.19529426	3.9070991	3.97455507	3.86315265	3.45225269
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40665698	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.3269484	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.08110925	4.91668018	5.16960844	4.56646877	4.64854224	4.77701601
1.00E-04	0.71965748	1.00E-04	1.00E-04	0.69851499	1.58016014
5.53812124	5.22681803	5.17311653	5.42022055	5.40798908	5.41248205
1.38182905	1.712637	1.06844428	1.63885508	1.95679622	2.31861263
3.2475732	3.83738513	5.603871	5.77656282	6.04664217	6.14283434
3.02309199	3.79078637	4.9682732	4.92683018	4.76670905	4.9726714
0.76232783	0.94682227	1.11518827	1.24464855	0.85427943	0.94768045
1.00E-04	1.00E-04	2.92288042	2.3080326	2.2039262	2.90729459
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.2204282	3.42854116	2.40227448	2.94218502	2.10765562	2.7510629
2.17318752	2.07134141	1.00E-04	1.46111349	0.78843747	1.85059364
3.71050725	3.28652484	1.30986649	1.94858355	1.80211746	2.41580213
1.11568681	0.31765625	3.05305646	1.94636155	2.20808817	2.14807467
1.00E-04	0.79988803	1.00E-04	0.80417724	1.00E-04	0.69241199
2.94013948	2.83723687	2.37523392	2.59155029	2.59581088	2.68641678
0.64092409	1.1087812	1.70608413	1.33282433	1.49871654	1.87451269
3.09062526	2.87238441	2.59877332	2.04500976	2.39180013	3.35471447
3.57452452	4.03540155	4.26556801	3.03652177	3.05186712	3.10367717
2.51289887	3.07586211	1.57238317	1.72591509	1.99054487	2.52182172
3.79093706	3.79590574	2.1256519	2.72252005	3.5782184	3.3168647
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.73384424	4.70308328	4.42194555	4.41715413	4.37833391	4.48298198
1.00E-04	1.07702376	1.00E-04	1.00E-04	1.00E-04	0.51866835
3.69496029	4.17241012	5.24368487	5.47964259	4.86267978	4.86903548
1.00E-04	1.00E-04	1.00E-04	0.45991406	1.00E-04	0.43189376
0.60507862	1.6858656	1.00E-04	0.69282833	0.54361684	0.93983399
1.581657	2.00411255	2.34652722	3.21190807	2.79244468	3.17910938

3.57974017	3.79024847	3.93606727	3.58655763	3.93133987	4.10132184
4.42638513	4.53861991	3.90297668	5.12803331	4.72599256	4.98468146
1.45319545	0.96918046	1.62929637	2.15567954	1.59376657	0.68037216
4.10756139	4.11990416	3.42185646	3.75080043	3.71084968	3.39751196
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.71255687	1.00E-04
2.98747793	3.3279131	2.6958583	3.08329425	3.05999006	3.19866143
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46112954
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.29284906	4.42597011	4.94993255	4.77677111	4.74871964	5.00547496
3.1562042	3.40195763	3.06191602	3.05782986	3.84731307	4.14829476
5.30322316	5.14274441	5.81701298	5.71830989	6.22711017	6.02111979
3.13697394	3.10164064	2.91623923	1.82905493	3.18920094	2.89059893
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.48587176	4.30162303	4.06613798	4.07750828	4.1041322	4.0468097
0.9667801	0.74708494	1.00E-04	1.93533107	1.21701072	1.15453209
3.33710718	3.43519519	3.80610141	3.79854974	3.46220768	3.56989368
1.00E-04	1.00E-04	1.00E-04	0.71307202	0.53848946	1.05977126
1.76352239	1.9163857	1.01811585	1.18998435	1.12532784	1.37263131
1.00E-04	1.00E-04	1.00E-04	1.16642403	1.00E-04	0.94768045
2.3805888	2.18960502	3.35661153	2.47590335	2.34809114	3.06127179
1.04592632	1.13087855	1.00E-04	1.78526863	2.18570124	2.05789132
5.22437598	5.17693159	5.52537878	5.41603179	5.4809481	5.49495709
4.99401419	4.86588164	5.39007203	4.97298673	4.88325546	4.92062031
3.86764185	3.89884633	3.07695605	3.64508044	3.79037596	3.8707476
1.87143813	1.80003967	1.91181319	2.61530782	2.17557119	2.49463586
3.12812347	2.9793372	2.55006479	3.62500309	3.29090265	3.17152003
1.99465534	1.61051375	1.00E-04	2.14030325	1.28144111	1.31919131
4.13672256	3.85135704	4.8352621	5.58273099	5.37212026	5.35056939
2.76340937	2.69798695	4.06010902	3.48449549	4.09854978	3.61533976
6.00939154	5.87633258	6.23023889	6.4867417	7.2146556	6.92228718
4.64580343	4.83843039	3.21924047	3.91513025	4.63982363	4.13043352
0.8945181	1.59221062	1.52319676	1.3899991	1.34077923	1.41228613
3.25982731	3.68736143	3.03390656	2.68420481	3.45699873	3.2131955
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.2611651	5.40295711	4.24338268	4.32141907	5.25068392	5.28805128
4.40850688	4.63155174	3.27724627	3.56677104	4.20878576	4.35202841
4.42146136	3.81093073	3.98342634	3.95427801	4.09184065	4.00952987
3.32902134	3.40316164	3.34407368	2.94861783	3.04808474	3.34707774
3.65165625	3.98503771	2.87500938	3.5111754	3.54546262	3.66201916
3.92255857	4.14512275	3.36396112	3.1317309	3.89104837	3.65657395
4.82270568	4.99924909	4.47955558	4.43539693	4.4005	4.33100149
5.77547754	5.73512036	5.01872534	4.91369162	5.06859232	5.1674801
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	0.44175658

3.97735488	3.64595342	3.70037581	3.38349195	3.66634324	3.49541809
2.8845012	3.35407328	1.75318857	1.85477893	2.67726135	2.70215251
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.08127331	0.13067397
3.08772888	3.03751581	3.20727678	2.09700466	2.62530819	2.57505695
2.42123746	1.61547494	2.34652722	2.13619122	2.74018335	2.61780588
4.7826371	4.86704092	4.82881324	4.84650594	4.68038356	4.81211304
5.72966972	5.52774066	6.15404082	5.963407	5.98873342	5.9454358
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.42455119	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.81421222	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14912336	0.41274015	1.00E-04
3.51371321	3.2024088	3.67203662	3.4736892	3.60954518	3.49442418
4.21928912	4.04640976	4.17577278	3.55148875	3.9194481	3.88091893
5.06832375	5.01466582	4.48013164	4.24667599	4.6833761	4.51621036
5.62921141	5.73983062	5.15689872	4.99880245	5.36022395	5.60354671
2.06805066	2.31950563	2.08421616	1.79381112	2.0636	1.77642631
4.55619031	4.77794575	3.83051421	3.76757974	4.31520609	4.52132733
5.06097275	4.9476911	4.15478686	4.37402166	4.53380494	4.16283916
5.02473996	4.95986981	5.04090777	4.79511598	4.89638127	4.97888934
5.75535345	5.66739935	5.30223062	5.31447157	5.39473262	5.47657732
4.0809978	3.90530814	4.15577299	3.78427332	3.94337138	4.20752134
5.47293932	5.54986008	4.62290559	5.02724114	5.41030373	5.15227092
3.23206854	3.20937272	3.09536573	2.81288137	2.65673134	3.32178364
4.12484515	4.43491721	3.27272522	3.49449349	4.62175913	4.30029287
1.83268981	1.27109062	1.85579326	2.27895606	2.80862881	1.91529909
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.4663351	4.77689546	4.83094046	4.65891471	4.34759226	4.44228218
2.97703965	3.20119963	3.00088069	3.47919859	3.57746768	4.06920603
4.0724644	4.28962664	1.00E-04	2.64365195	3.26568941	3.56440793
5.10802786	5.16206367	4.03764493	4.24291399	4.47957427	4.42650838
3.93650729	3.88796781	3.19304298	3.092633	3.60361898	3.73826277
5.58397333	5.56280838	5.4379384	5.53420875	5.4827966	5.29228844
4.79095157	4.5579325	4.65213178	4.02815311	4.5431032	4.525642
4.59002108	4.52979653	3.48068797	3.47979189	4.24373756	4.48789341
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.12799038	1.6407878
1.00E-04	1.39758307	1.00E-04	1.11758476	1.00E-04	1.00E-04
4.06040095	4.22252563	3.65999455	4.08413632	4.10879176	4.0830004
6.49227842	6.35246221	6.90852765	7.27169646	6.9869799	6.92298543
2.00056238	2.26611516	2.44905482	2.75824979	3.51129793	3.66212671
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.7517282	3.09754482	2.27598943	2.21247904	2.78454975	2.90244182
1.5422969	1.42431533	1.00E-04	1.44456997	1.81656493	2.03645205
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.8007554

4.30918155	4.35643095	3.44289723	3.77868885	4.15005518	4.14859698
4.97845582	4.99319146	3.19242374	3.51706384	4.68062077	4.42698652
3.92621608	4.16894866	2.60133687	3.08676032	3.72600159	2.83733024
5.14733002	5.33881313	4.272393	4.05819934	5.20153494	5.05662962
2.91962411	2.50196523	2.81053739	2.57253489	2.62356822	2.90202106
0.55880742	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1826159	0.77918287
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.43639125	4.32824834	3.63970766	3.73950073	4.38916962	4.26741004
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.53563164	2.09610059	1.75472403	2.19549037	1.51584791	1.24283382
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.60836726	4.56751846	4.36991785	4.15731482	4.4531134	4.68601851
2.75830671	2.67440888	4.39703851	3.62228113	3.99649003	4.12770265
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.3104735	5.39629269	5.32484406	5.64075413	5.59632872	5.79099574
3.01900328	3.52185819	4.59636533	4.28119717	4.74458571	4.88935821
4.57418032	4.67028222	5.75236971	5.74420953	5.8486904	6.03518974
1.97740673	2.38657357	3.54370397	2.26652907	2.31625499	1.50421076
3.0743038	2.71735186	3.59051203	3.86103169	4.37447327	4.67637703
2.49738184	2.48660013	5.05394341	4.50353233	4.76812245	5.1943252
1.0292798	1.6251473	1.00E-04	2.09842222	2.46152228	2.46210998
5.31745288	5.50889367	4.42025302	4.93898827	4.96500484	4.87801502
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86700902	1.00E-04	1.00E-04	0.76620686	1.00E-04	1.00E-04
1.64817987	1.51798513	1.52319676	1.42132668	1.09518567	1.08282553
1.57725815	2.89866237	3.47299629	2.04975895	2.38424686	2.69379052
3.16495721	3.19202809	1.00E-04	0.88186769	2.16923379	1.60030717
3.22459882	3.89284377	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.42962806	3.30610521	1.28316224	2.53352431	2.63838602	2.18036282
3.79060593	3.74141892	4.88386825	5.77185747	5.57352077	5.54472918
4.55378513	4.07078972	4.62774669	4.69779386	4.71735633	4.90381754
2.86469655	1.94232759	3.86545171	3.14320171	4.42586353	3.33698529
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.88288788	5.77867544	5.26791877	5.3088811	5.31931885	5.14552106
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36516154	1.1306614	6.38207854	6.36120824	6.69004321	6.74840833
0.29610852	0.87599043	3.60160343	3.09718683	3.71776901	4.10222108
1.96647148	0.86125158	1.00E-04	0.73505635	0.52410298	1.00E-04
2.55013959	2.71027521	2.46099858	3.06448657	2.25134224	2.09073199
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.26594268	2.11523023	2.82099039	2.90533923	3.47698392	3.28783318

6.3634138	6.26518222	6.10342453	6.43330794	6.33757498	6.34905628
5.40382084	5.34561086	4.96044225	5.20729814	5.21467017	5.22470765
1.32073509	0.88874379	1.11518827	1.00E-04	0.19191379	1.00E-04
3.47956934	3.71827436	3.71894527	4.04791914	3.72628493	3.59904854
3.97607851	3.66954461	4.10609047	4.11955097	4.1824428	4.12382166
3.16877969	2.90434544	3.63487594	3.08207041	3.25286371	3.55618807
3.43622041	3.13058662	3.04034335	1.39974633	1.71588757	2.06477669
3.75288752	4.04568173	5.25311167	5.05182972	4.98058434	5.30203434
0.66023508	1.45116069	1.00E-04	0.84795898	0.42757985	1.2470779
1.00E-04	1.00E-04	1.00E-04	1.53782359	1.02306101	1.00E-04
1.39572191	1.59115089	1.01811585	0.66130263	1.4010542	1.63863685
2.21064609	1.90027316	6.80616734	6.89163451	6.63064613	6.66598213
3.44007686	3.1558771	3.70220059	3.74116425	3.62747143	4.112316
4.44393128	4.36761748	3.5190532	3.57504751	3.85647235	3.596532
3.62752204	3.35122362	2.16191232	2.29222852	2.72704359	2.5251606
1.20370695	1.80326943	2.37523392	1.08357403	1.85669349	1.80713456
0.51731848	0.34385176	1.06844428	0.95537362	1.18779107	1.00E-04
3.40362044	3.40787195	3.50747539	3.11101389	3.20695408	3.28210954
0.73182784	0.59418646	2.6015394	1.59376175	2.34296702	2.30997046
2.96570144	3.62093168	2.78386019	3.52772314	3.2044381	3.65199509
4.11826183	4.00399773	3.7191321	5.29320517	4.26264365	4.34490939
3.38566873	3.07375631	3.26206605	3.83162597	2.86369347	3.27337024
5.12110324	5.22019558	5.40268651	5.99351031	5.65366006	5.40777478
5.93489991	5.64870539	2.90978359	2.52596278	2.42608762	2.71651243
3.2157988	3.41000167	3.68977299	3.47356101	3.70718	4.09929738
4.73919364	4.82297439	4.77907566	4.82979481	4.87204559	5.03602577
3.19074349	3.39189647	3.40446429	3.44070974	3.64035921	3.88562495
5.09281917	4.79169675	4.96286068	5.03708767	5.01693474	4.7798104
5.31330931	5.36247018	4.80662585	5.45178927	5.1159242	5.28964818
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57768853	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.45044286	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.59418646	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17637488	1.00E-04
0.15907666	1.00E-04	1.6068095	0.37180681	1.20113295	0.14317243
0.09415495	1.00E-04	1.00E-04	0.66574538	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.18979041	2.28551405	1.00E-04	3.2217841	2.53239262	2.89786449
5.34465634	5.36939286	5.38902856	5.28875377	5.45876986	5.40256752
5.24389218	5.19919844	4.80548636	5.07749071	4.26144555	4.21904504
2.73266154	3.17046488	3.46040465	3.49777372	3.32592781	3.46540473
4.31815295	4.23476447	3.80348796	3.69343627	4.30381987	4.11273062
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3.10145872	3.24930096	3.54914776	3.5215623	3.80989773	3.83333744
2.78584748	2.5137578	2.70993079	2.77948802	2.86210097	2.98474861
2.96743419	3.198616	2.85326526	2.05818797	3.09282566	2.97344358
6.35702861	6.24288196	4.63038338	4.92537177	4.91377042	4.84996931
6.85826274	6.94813922	6.10499183	6.10596718	5.89781201	5.95229396
5.27228445	5.25742775	4.50976724	5.01863474	5.07274352	4.95672527
3.05856109	3.15258578	3.65613188	2.70359836	3.61227646	3.56046617
3.96275223	4.21089765	3.3214032	3.97982402	3.84664834	4.14024056
3.71030446	3.63123722	4.42032997	5.02376441	4.70137387	4.86345058
0.95518037	0.57965788	1.00E-04	1.00E-04	1.10254465	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.11758476	1.00E-04	1.00E-04
0.35811479	1.00E-04	1.00E-04	0.70120444	1.00E-04	1.00E-04
1.71697384	2.16821581	2.81915405	2.28676295	3.17031096	3.185417
1.00E-04	1.00E-04	1.00E-04	1.1682971	1.26640793	1.24062984
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1.00E-04	0.5153255	1.00E-04	1.11938245	0.97883295	0.79734046
4.33053947	4.43232042	4.04644452	3.31062844	3.57847888	3.75324835
3.30787155	3.23894012	4.41812234	4.53756393	4.27786017	3.90603181
5.74415251	5.63117601	4.8349702	4.46806837	4.54172585	4.35594807
5.9524551	6.08061273	5.21743917	5.30912251	5.45133889	5.62729255
3.99468278	4.40392107	3.39942742	3.95011971	3.9737633	3.9899599
0.76165832	2.2442286	1.40283744	1.43937848	2.11684855	0.98363568
2.89584566	3.11265706	1.00E-04	2.35060681	2.79605832	2.4893307
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.89037465	4.22805948	2.00743688	2.92107553	2.92704505	3.50619215
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6960488	0.9989809	1.00E-04	0.67571245	2.14955091	1.57970896
3.83797537	4.25558555	3.39908514	3.03917811	3.52481302	3.79963323
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1.00E-04	1.54193166	1.00E-04	0.64324128	0.56435986	0.86651014
3.36639841	3.51042655	1.95118444	2.04841843	3.89014804	3.66904619
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.23985976	2.12812535	2.48975467	1.62388366	1.4063668	1.34483559
1.694581	1.2567505	5.23594739	5.21938037	4.73159053	4.75704342
0.59719642	0.48794717	1.27996271	1.83522915	1.54464043	1.49849778
0.5256597	1.02272094	1.00E-04	0.55176112	0.51450876	0.43730888
1.03826831	1.00E-04	1.00E-04	0.80050412	0.72832265	0.98829402
0.27874649	0.7223572	1.00E-04	1.00E-04	0.79734239	1.00E-04
2.8269572	2.45022304	1.00E-04	2.31030734	2.5531916	3.41314851
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.95726469	2.60916902	2.60623705	3.31440248	3.58087677	3.92364997
1.23760809	1.8199503	2.87568472	1.93712432	2.00705367	2.39537084

3.75250207	4.03582236	3.19859043	2.84631656	3.78424697	3.4956648
4.55651358	4.41120975	5.15096476	5.22502866	5.28934506	5.56726135
1.29337287	1.2538848	1.84272348	2.00271608	1.63629226	0.85436778
1.00E-04	0.56368347	1.00E-04	1.00E-04	1.00E-04	0.88516845
3.02362517	3.21610496	3.89516066	3.68117409	3.5107972	3.35633784
1.11193429	1.00E-04	2.34513991	1.17904546	2.83008485	2.74980021
4.83601978	4.69042772	5.29642673	5.58091923	5.5377511	5.52306693
4.92478266	5.03230327	4.94312878	5.15825082	4.84016245	4.91537789
2.86939774	2.68817759	2.15341655	2.47710521	2.74527501	2.90343526
2.50102352	2.19435293	1.00E-04	2.1714221	2.86567781	2.27084696
3.22366818	3.32125257	2.77936738	2.82339719	3.21070822	3.41515709
4.96904906	4.82242661	5.02177173	5.00832238	4.83084686	4.90073462
3.91441746	3.58417418	3.62372588	3.13839412	3.99432325	3.99057851
1.34308758	1.44356667	1.00E-04	1.30867295	0.36639306	1.00E-04
2.1371671	2.04592482	1.82884255	1.88771103	1.94757059	1.2941958
3.15334723	3.3064273	3.9262859	4.14992164	4.4704865	4.02539116
4.14894415	4.23173874	4.36779309	4.1930249	4.30760642	4.47297968
4.27407797	4.30442792	4.40264936	4.44723838	4.39157023	4.63253112
4.60421604	4.78251568	3.45310436	4.25081957	4.09278666	4.46492122
4.2345611	3.95787419	3.98548298	4.22230293	3.80696461	4.47868851
1.15821257	2.34594802	1.00E-04	1.4731944	0.96437895	1.01674761
1.93458911	1.91950021	2.37366532	3.02031868	3.65601061	3.42909687
1.00E-04	1.04888333	1.30789632	1.32549521	1.411519	0.75315821
2.45393949	2.38496314	1.00E-04	1.87217976	2.69623938	3.00677315
4.78601526	5.07604411	5.43641504	5.35300697	5.77163871	5.98029223
3.31474391	3.47536121	3.40888631	3.57336375	3.58847547	3.42221413
3.37139575	3.40125386	3.67661396	3.9993229	3.98697087	3.92840284
2.85537871	2.98426903	2.39421707	3.36237756	3.49829491	3.79338946
3.77993384	3.78630733	4.39795054	4.15945202	4.34177361	4.61821881
5.03802462	5.01098567	4.95251791	5.40084926	5.44582313	5.54638222
1.72914058	1.44510363	1.82342144	1.5541748	2.26286872	1.98924581
3.14293878	3.14891332	3.98783682	3.77335759	4.15900115	4.31367581
4.29361852	4.0416613	4.3234448	4.17603851	4.38569331	4.45025805
4.23459667	4.06791633	3.24458791	4.43941956	3.84119441	4.11233769
5.49983679	5.36775328	6.8992278	7.15605033	7.43448143	7.5245745
0.51477986	1.00E-04	1.6068095	1.00E-04	0.75616434	1.00E-04
0.83316626	1.24722368	1.00E-04	0.65887123	1.00E-04	1.00E-04
4.09662545	4.243789	1.00E-04	1.00E-04	1.31453729	1.00E-04
3.56675918	3.28072942	2.79453613	3.23814273	3.33023512	3.27352
1.67740626	1.40222734	1.46133917	1.54298651	1.55029773	1.25754803
5.20418538	5.23983943	4.41355132	4.65317725	5.087512	4.63086477
3.68312641	4.00354354	2.56093216	3.40428973	3.49842557	3.51319591
3.97964689	4.35763075	3.01451553	3.58850254	4.00198842	4.22476536

4.70780609	4.86684486	4.42372365	4.83531628	4.53586989	4.66403477
2.48373818	1.79271812	1.01811585	2.22102987	2.38272276	2.28785824
4.90109413	4.77106275	4.95243873	5.29549927	4.52503636	4.3962998
4.15513505	3.92379848	3.43089381	4.0531146	4.09319026	3.36694798
3.70824757	3.96995615	4.65259031	4.35478911	4.79162581	4.83784574
1.49849739	2.42017595	2.00743688	1.13943163	1.71475231	0.72372484
2.89908061	3.10827936	1.01811585	3.01732862	2.77649773	3.37174965
3.58350157	3.55838306	3.80604942	3.46225413	3.86611778	4.00345234
4.70056708	4.45770906	4.08696583	3.89747516	4.25371937	4.42396087
1.00E-04	1.00E-04	1.00E-04	0.77721523	1.00E-04	1.54780276
3.17851791	3.16174481	2.87250277	2.87210373	3.18350588	1.8947176
1.98849963	2.31451222	1.11518827	1.42141286	2.46389277	2.51436108
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.24251465	1.00E-04	1.00E-04	0.23269493	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75023767	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57696471
1.13922081	1.00E-04	1.00E-04	1.62409726	0.66063453	1.00E-04
3.79504886	3.879681	3.27846053	4.09070201	3.6932359	4.23598428
1.26067194	2.67276902	2.17925334	1.27254048	2.54400181	2.47280253
3.55460985	3.67409124	2.94100947	3.27655306	3.57081666	3.14499323
4.8086363	4.67549605	3.81500515	3.81046104	5.08850165	4.82588896
2.970779	2.95251474	1.00E-04	2.62176541	2.6913503	2.88002245
2.28968343	2.74885607	2.97437064	3.44049305	3.52007569	3.93527242
4.56596802	4.74636767	3.3917028	3.31157283	3.54704156	3.86634717
0.4365896	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40278452
1.01340223	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.54676642	0.13427639	0.46873513
4.35807525	4.42903665	4.02777153	4.29687047	3.82677245	4.3828246
4.20053203	4.29879564	3.5423575	4.12418205	4.19161923	4.53315561
5.72541151	5.6966675	6.08248678	5.99323087	5.64932068	5.65063632
3.59299374	3.77990657	2.86942524	3.13784512	3.73625486	3.54249096
3.90334002	3.91737439	3.57256168	3.41665381	3.93590321	3.9482284
3.21664831	3.51329567	3.64221151	3.75817172	3.62397655	3.81521599
2.07394217	2.32962146	1.00E-04	2.13859259	2.54170957	2.26062469
2.77553101	2.76122305	3.32106592	2.45361434	2.7770018	2.29964211
2.85843311	2.79571163	1.40283744	1.97890524	2.76203189	2.76164283
3.75128602	3.9105576	2.69609708	3.42711357	3.81435614	4.014067
1.95163635	2.51629328	1.00E-04	1.8056056	1.30507911	1.75468526
3.97501901	3.35077671	5.22734241	5.1042163	5.27652918	5.2440887
1.00E-04	0.84410758	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.9174028	3.1483365	1.00E-04	1.48568209	0.50945254	1.15896282
3.27848164	3.05116075	1.00E-04	1.00E-04	0.33885847	0.35948108

1.00E-04	1.35585701	1.00E-04	0.54676642	0.4362065	0.49041951
4.69477859	4.81209745	4.5672413	4.73506502	4.50151339	4.80397069
1.12266466	1.79780242	1.00E-04	1.57279892	1.31686755	1.00E-04
2.13738146	1.88854334	1.00E-04	1.96647691	2.33456006	2.03717818
4.57141382	4.81236784	4.8549316	4.6389937	4.44415982	4.80811882
1.30660196	1.00374053	1.00E-04	1.00E-04	1.00E-04	0.49041951
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.57907525
1.00E-04	1.34635981	1.00E-04	0.37325883	1.00E-04	0.89534679
3.21251054	3.47210138	1.28609943	2.10111299	3.69007706	3.15762165
1.00E-04	1.00E-04	2.47123613	1.748165	1.95335704	1.45127411
2.99090385	3.1518962	2.57562266	2.3500407	3.18868933	3.05834585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.06550228	2.4746842	1.75472403	1.93595434	2.87666581	2.24662074
3.24900198	2.8088541	4.99423115	5.04628404	4.80247442	4.71116265
1.87290346	2.89391171	1.01811585	1.85950423	2.3546542	2.05068154
0.65502604	1.09864048	1.00E-04	0.30764686	1.02079902	1.05483132
4.41505635	4.25263783	3.79944197	4.60700686	4.12885196	4.22895484
3.81670182	3.81785639	4.55959707	4.52580496	4.77193915	4.61842971
2.04887681	2.5720403	1.00E-04	1.31074005	1.74499456	1.40262176
1.00E-04	1.0282519	1.00E-04	0.70892528	0.36372495	0.30913278
1.76818612	1.52742623	2.54080566	1.18299699	1.68393205	1.92056863
1.11033462	1.58074992	1.30986649	0.9451867	1.96622763	1.41857987
1.00E-04	1.00E-04	1.00E-04	0.20501279	0.85416885	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.81052908	2.09399268	2.83180408	3.32984523	2.81359784	3.22427856
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.35867226	1.00E-04	3.02860044	3.64102647	4.02268415	4.41027286
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72369047	1.00E-04
1.05137123	1.02036732	1.00E-04	1.47060782	1.45072297	1.28139773
4.21421205	4.27571289	2.83403382	3.56282534	3.61826441	3.72697442
4.5660808	4.73432139	5.08997787	5.15861156	5.18229312	5.42648494
3.50112508	3.46335828	2.95589505	3.61916499	3.5836498	3.74579668
1.40165684	0.21289605	1.00E-04	1.00E-04	1.00E-04	0.94648319
3.67843936	3.5612091	1.28609943	0.39596165	1.08673174	0.4142237
2.60290794	2.91797003	1.00E-04	2.94089407	2.55990046	2.57168767
2.37891098	2.4099764	1.00E-04	1.24690239	2.27871859	2.18554916
4.32201233	4.16268864	4.36894331	4.22838532	3.82855065	4.28730536
1.43067194	1.32703409	1.00E-04	1.76523513	2.49423491	2.45705762
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.55716253	5.31202759	3.69836365	3.90630028	4.40788321	3.4305422
5.55223507	5.31720834	5.84364204	5.88890459	5.46329482	5.42563106
4.34131177	4.45806448	5.26789632	4.47996415	4.54382526	4.6398834
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.90248565	0.64993987	3.29583866	2.70815858	3.04619165	2.95270335
0.52662591	1.04770889	3.70420817	3.5858234	4.17576104	4.64059676
3.67606092	3.17410548	4.04400603	3.76035779	4.59958398	4.63573247
0.82204417	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.01662201	2.42350277	1.00E-04	0.14912336	2.02440674	1.29545323
3.77015965	4.17430321	3.81646019	4.29683152	4.11208061	4.35596069
1.42346442	0.7531032	3.11472424	3.32117162	2.65976385	2.26019662
4.43752824	4.29092182	4.03762052	3.81314383	3.77837168	4.06372402
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.40283744	1.11758476	0.76119895	1.03354967
3.24829346	1.55035221	1.00E-04	1.4433965	1.09080774	0.7306706
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37771766	1.00E-04	1.00E-04
5.08150533	5.11399791	4.80696397	4.50113977	4.52202057	4.6070295
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.84044822
3.67478661	3.87423093	3.64340687	3.82158018	4.08918776	4.4056386
0.44087771	1.00E-04	1.00E-04	0.77932464	1.55988619	1.00E-04
2.88051198	2.42869514	1.74110187	2.07982058	2.8602284	2.57580849
1.12600443	0.96233165	2.26969129	0.64978022	0.56325955	1.70858122
0.50369671	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.74656427	1.68740519	1.6068095	2.09417697	2.35644815	2.04006964
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.97219021	1.00E-04	0.46873513
1.00E-04	1.00E-04	1.00E-04	0.46085181	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.27996271	2.59579269	2.4158811	2.53568262
1.00E-04	1.00E-04	1.00E-04	0.87795375	0.30018273	1.61567002
1.41575353	1.00E-04	1.6068095	1.42151675	0.6314521	0.82154046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2878742
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64176485	0.21289605	3.81736732	2.10100704	1.93344724	2.57490214
3.31154975	3.15746545	1.00E-04	0.79011624	1.16270493	0.41203035
4.76960574	4.2693483	5.40070421	5.41034945	5.65434732	5.82244656
5.70809475	5.38920451	7.35203502	7.52265538	7.5678886	7.50267107
1.46292323	0.58441889	1.00E-04	0.74612419	1.65386073	1.66656295
1.00E-04	1.00E-04	1.00E-04	0.90265252	1.00E-04	1.00E-04
1.50915992	2.73454043	2.51625124	2.67252497	2.54769652	2.70034702
3.89588282	3.68517336	3.24069996	4.09611441	4.15235934	3.87021238
3.38546558	3.17349427	4.01667783	3.82944877	3.65323971	3.99931919

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.59035365	3.21367625	1.00E-04	2.54213057	3.25492953	2.64115113
5.17385714	5.12103969	4.67082662	4.703572	5.00366565	4.78855197
3.8176908	3.43827256	5.14890731	5.55774289	4.76219054	4.94037159
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13038568
4.49430628	4.47976333	5.82769276	6.14040862	5.78648479	5.5395123
0.85619348	1.00E-04	1.94733951	2.13184015	0.61539274	1.39327736
2.62480842	3.2516492	2.75431639	2.50944364	2.6875834	3.32570036
2.32517128	2.94397528	1.82818418	1.51423595	2.28218983	2.02579215
1.00E-04	0.63913365	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5990539	1.56157128	1.00E-04	1.56424476	1.86014209	1.54139941
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.48689648	0.64234672	1.00E-04	1.23113359	0.32943408	0.30047008
2.53059685	2.65313155	2.1375524	1.54202993	1.76050597	2.7106671
2.93040925	3.1908736	3.72875707	2.98974375	3.21200381	3.38794705
2.94407321	2.92936522	1.00E-04	3.32780145	2.37778162	2.84018587
3.07248402	3.22693777	2.94049126	2.6108453	2.8878744	3.3308112
4.75527045	4.9312209	4.62766968	4.84094259	4.5320193	4.76405015
3.65288434	3.74899027	2.03688221	2.62129201	3.82788923	3.85623165
2.86832121	3.51719062	2.48079131	2.65270229	2.7418961	2.74081859
3.7190067	3.7042732	3.60464657	3.12696142	3.70594811	3.87176065
2.21196467	2.33684008	1.30986649	2.59000315	2.81210331	2.63413662
5.73588809	5.40599816	5.13038113	5.18113564	5.19115819	5.2967596
3.05547353	2.82778893	3.34989476	1.89083207	2.40711803	2.7338285
3.95514939	3.52203044	3.92308781	3.83597399	3.96125199	4.06650786
1.76262888	2.57604715	1.51203435	2.46750426	2.38952116	2.76028592
3.6028126	4.02498514	3.82669534	3.44318179	3.63325974	3.93115629
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.14381784	3.93666078	4.41841359	4.27633568	4.05665854	4.01932848
5.47061026	5.09278155	5.1451309	5.51548144	5.26098008	5.23651536
3.2311557	3.1740711	2.24746658	3.19444434	3.34320824	3.24603266
3.1488947	3.00222102	3.11639286	1.77905924	2.25943757	2.01147744
2.20296116	2.29405976	1.00E-04	2.18511448	1.92253934	1.7938906
3.58809127	3.34698296	1.01811585	3.4228985	3.65581891	3.52861615
2.2082677	2.8435315	2.37545837	2.00800831	2.14249067	2.00671423
2.78398964	2.59102934	2.71049237	2.44945129	2.51119761	3.08928101
4.03308815	4.56174256	3.27614346	4.07665254	4.04212136	3.98786307
1.00E-04	0.76393893	1.00E-04	0.41871868	0.86564333	1.00E-04
2.9047969	3.34442064	3.43634602	3.45367745	3.88401009	3.40750738
3.26855221	3.84492753	2.06539557	2.53532405	3.37651707	3.43616824
2.0055714	2.01978419	2.19058385	2.18998926	1.98061184	2.19594983
0.32831434	0.54611412	1.75472403	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.96140289	1.00E-04	1.41944845	1.00E-04	2.04631166

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.87582096	1.00E-04	2.16483827	0.91616112	1.79780169	1.00E-04
0.51477986	1.00E-04	1.00E-04	1.00E-04	0.41961083	0.96587894
4.00347555	3.94594436	1.28609943	2.62164308	1.75705146	2.22635716
0.66344467	1.2603719	1.9503961	1.77150378	0.69163277	1.76696287
5.60238097	5.75701716	5.04836298	5.27928683	6.03883467	5.97203982
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29610852	0.78691146	4.23201421	3.30901098	3.85295926	4.22479556
0.91679782	1.47260678	2.66593797	2.0241107	1.96818837	1.94688824
4.39828513	4.09083034	4.44810201	4.13402335	4.9872993	4.86177577
2.86710607	3.16750219	2.61182223	2.66113385	2.66293848	2.61467936
2.20708229	2.48637852	2.10092533	3.60841144	2.45127651	2.69123986
4.57471372	4.57899117	3.93211999	5.14311976	5.10150379	5.12908101
3.47078019	3.69698091	3.59724959	3.30174227	3.94370657	3.59787723
4.97678931	5.05851759	5.01963211	5.403628	5.27776597	5.23819748
5.03970008	5.12355915	4.96387051	5.384478	5.34226424	5.26411024
5.44934345	5.36796911	5.0521605	5.3164262	5.42364199	5.38419318
2.80317178	2.59739657	1.30789632	2.26370721	2.72085669	2.8956913
5.93192863	5.64073471	6.2734786	6.40756972	6.49576325	6.45538958
3.80823406	3.80076485	2.82177425	3.44775711	3.52570694	3.60844306
3.13725274	3.10845017	3.89235079	3.12218285	2.89906462	2.32147477
3.44987772	3.80314839	3.80791229	3.58042122	3.0878188	3.73989311
3.14471841	2.97420625	1.06844428	1.86011146	2.46462317	2.40827413
3.82725623	3.78544786	3.43477582	4.10509645	3.87985383	3.90628182
3.588359	3.54303338	4.23464819	3.48220309	3.47345923	3.50895986
1.51619524	1.95423519	2.37545837	1.4351344	1.62201766	1.54409256
4.0515151	4.3208964	4.09723892	3.55982432	3.96266873	4.09645506
0.09292159	1.00E-04	1.00E-04	1.00E-04	0.89154155	0.80862457
3.65447787	4.00195168	3.95965556	4.01313263	3.62592255	3.92594985
2.61443394	1.47004687	1.52319676	2.52722822	2.71066979	3.06070105
3.95676885	3.98258211	1.62929637	2.80250577	3.1192501	3.70791696
1.43060843	1.28758915	1.30789632	1.53558724	0.72992379	0.74704602
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.88257138	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.24760841	1.00E-04
0.09292159	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.60708278	1.00E-04	1.00E-04	0.9468829	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62739879	0.55323863
1.00E-04	0.78691146	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.86356763	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

4.88318774	4.89263768	4.00860964	4.48894843	4.0623101	4.60239229
5.1479114	5.0241687	5.06026175	5.01597673	4.64672416	5.06590077
4.84239137	4.7184755	5.00630485	5.34865514	5.14949996	4.90672337
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.07676927	3.84880254	4.18113857	3.89741986	4.09531701	4.35623019
3.93613903	3.94697394	2.42827783	3.85299998	3.39645078	3.39061949
1.65177477	2.07394402	3.11431306	2.27222099	2.49460677	2.6148762
5.53872143	5.40592836	5.40379094	5.12198026	5.12876356	5.24807285
2.49039199	2.53184774	2.78009146	2.64168696	3.03954918	3.02723982
2.34387622	2.0132665	2.14874321	2.58839324	2.89706049	3.31379846
1.00E-04	1.00E-04	1.00E-04	0.5252732	1.00E-04	1.00E-04
5.16156894	5.16163603	4.98494683	4.76872236	5.09781973	4.95420198
2.82653786	3.37056128	2.76912736	3.35651128	2.79857968	2.94687249
2.89207821	3.09194196	2.19454737	2.49777039	2.7788964	3.1092528
4.33621786	4.5271878	1.38754516	1.70201921	2.19427552	2.59610133
3.19445292	3.65769043	4.31727186	4.17591531	4.07138891	4.20269553
2.27729082	2.34822617	2.45010745	1.39301553	2.44522386	3.36623586
3.8124799	3.92774665	6.09619899	6.40322394	6.2707031	6.19862077
4.49267388	4.50493518	4.20831881	4.27878257	3.99365028	4.19567648
2.35178089	1.77110098	1.00E-04	1.9951647	2.73009908	2.54579085
1.63088767	2.86920127	1.06844428	1.74043512	2.17505173	2.71370832
2.89387494	2.99944886	3.66355423	4.0057502	3.61296458	3.64197623
2.21504385	2.82941848	3.45085359	3.89729634	4.03516921	3.97514773
3.45111403	3.38903972	2.47250557	3.66919824	3.60377661	3.50755401
5.01265445	5.00984154	4.66782966	5.031784	4.95890452	5.38957518
3.79217707	3.8497773	3.81999426	3.98052695	4.07220462	4.2625946
4.16978779	4.30185907	5.12470346	5.04938805	4.83973426	4.6234556
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.95715908	2.77943917	3.40056887	3.47326072	3.67798194	3.45506516
4.78446419	4.8312834	3.70623275	3.88713901	3.93187491	4.32971838
1.84391617	1.5113998	1.00E-04	2.33973132	0.78682346	1.83385127
3.85339249	3.58288333	2.99890114	3.53628866	3.34950707	3.87276121
1.54666717	1.21269181	3.6837757	3.4206975	3.66135039	3.48297554
3.59336831	3.51805365	4.03642601	4.26963998	4.68087746	4.60142954
6.51567699	6.4361866	6.74711031	6.82797608	6.86205029	6.86287923
0.50857658	1.94412128	1.01811585	1.14256569	2.34436292	1.14693154
1.96965253	1.70012087	1.97900798	2.52009668	1.76016165	0.38311472
1.16542595	1.00E-04	2.31674415	1.96744324	2.51510264	1.90694788
1.77169472	2.19739501	1.00E-04	3.28246083	2.52689942	2.41766101
3.81407761	3.51347091	3.92196243	3.9693505	4.14912891	4.38954686
4.00767894	4.11596901	2.88829727	3.82983871	3.80937571	3.85864866
3.26344379	3.42191474	3.17439282	3.06006055	3.71572267	3.4335056
3.82845824	3.9324832	2.9339979	2.89799042	3.61163102	3.614141

1.93410874	2.15428507	1.6068095	1.91893706	2.07721252	1.82942424
3.9306292	3.95944378	3.83737914	3.90469619	4.00849019	3.89559021
4.10135728	3.91549313	4.36792935	4.40647809	4.2270759	4.419745
1.80915551	2.11743929	1.28316224	1.46990788	0.89678482	1.16273152
4.55097922	4.59601616	4.61575155	4.39450674	4.41468796	4.47312514
4.19135298	4.2976655	4.22789812	4.48430729	3.85649149	4.08391297
1.00E-04	0.45118201	1.00E-04	1.00E-04	1.00E-04	1.17949751
4.68987865	4.66621158	5.28052347	5.44343928	5.15793924	5.25479102
5.95425739	6.05979624	5.82173833	5.65059229	5.55803842	5.59830848
0.47010325	0.63220067	2.16483827	1.00E-04	1.81671059	0.14317243
2.23937036	1.95614551	2.13219063	1.79197869	2.07234182	2.56168233
2.91857094	2.40988243	1.99016435	2.19491831	2.62064871	2.69812692
2.27438124	2.81803763	2.66837923	1.1403826	1.67519447	2.82687426
3.60668161	3.58519266	3.16053946	3.60020468	3.5646756	3.6461322
1.00E-04	0.67979967	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.81455276	1.00E-04	1.30789632	1.31534925	1.25315704	0.43066061
3.78864421	3.65324638	3.63408636	2.84760001	3.61974274	3.68219854
2.79519256	3.23159594	2.26586959	3.1945574	3.550359	3.06038623
0.61831296	1.41735588	1.00E-04	1.00E-04	0.78285661	1.0519172
1.00E-04	1.00E-04	1.00E-04	0.91883416	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	0.14317243
3.38356139	4.01279024	3.80916607	3.46903223	3.45058384	3.94893004
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	0.48971388
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.45228912	1.00E-04
2.75812372	3.00948181	1.00E-04	1.23190917	1.00E-04	0.78187281
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.49213878	1.07702376	2.62613498	1.85617906	1.94357296	1.27543068
1.12907403	1.33800751	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54110989	0.48913524	3.89016662	3.66943827	4.0381283	4.08545835
5.37654962	5.1745895	1.00E-04	2.10097955	1.79267782	1.54514297
1.6418693	2.52150238	2.19079503	0.84511102	2.32786675	1.86739568
1.58589862	2.10652021	2.7821013	0.71902078	2.13011985	1.15559773
4.24367924	4.36766069	4.45722828	4.04900579	4.45329445	4.34690334
2.47282	2.51285039	1.30789632	2.71065207	2.04518886	3.03566192
4.92916483	4.82741633	4.47225382	4.22056417	4.48033466	4.45801391
1.55430088	1.39765517	1.00E-04	1.31993581	1.84303943	1.94332032
0.4516944	1.16850742	1.00E-04	0.58417725	1.00E-04	1.00E-04
1.54648376	1.87995443	2.92879512	1.78469951	2.32848517	2.58590329
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54978575	2.43462318	3.45424485	2.70233799	2.77490377	3.43875246

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.25424514	2.98256787	2.56679089	2.57062896	3.41121848	2.83082677
3.80376699	3.0925352	3.71140133	3.62746769	4.32681994	3.80291938
0.50270537	0.91082036	1.00E-04	1.00E-04	0.72085807	1.45485841
2.38159099	2.25224802	1.00E-04	1.28824084	2.79772843	2.68477216
4.5247909	4.47377129	4.18003624	4.55742829	4.37241191	4.57766638
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
6.12784831	6.05694089	6.37515604	6.49268598	6.23282936	6.3268682
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.64857131	1.87762311
1.61846678	1.03859327	1.00E-04	1.73525778	1.12714258	2.12063213
4.85470822	4.67434295	4.1567919	4.47711203	4.11939495	4.31770737
1.00E-04	0.24251465	1.00E-04	0.15557081	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.63996189	4.53752701	4.62039383	4.38240631	4.85964523	5.11693851
3.07868928	3.57541228	3.1756994	2.81678799	2.95846516	2.80945791
3.05974758	3.69602192	3.56636748	2.91228873	3.014793	2.39593165
4.59263075	4.90049643	2.04595548	2.64488753	2.41719978	2.34229438
2.62810053	2.43567566	1.00E-04	2.89066886	2.74288744	2.84046224
4.09563911	3.92224944	4.78073179	5.3072995	5.17906533	5.3648268
2.31843462	2.40505261	1.42763756	1.59881496	2.0478001	1.21512333
1.05035542	0.92878131	1.00E-04	1.00E-04	0.61168298	1.15160836
2.91636789	3.05899153	2.07518201	2.10297989	2.36240698	2.3608207
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.7199195	3.83636229	3.64104604	3.67572636	4.15797577	4.0573578
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.10787987	0.8426349	1.00E-04	1.00E-04	0.63341697	1.00E-04
1.48406206	0.92295628	3.11083531	2.6011506	3.19676689	3.38725333
3.30867354	3.01508662	2.46099858	2.96155319	3.72896472	3.40170333
4.06327517	4.18291713	3.31967131	3.33650005	3.66588972	3.87250171
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9178873
2.37347748	3.02497857	1.69861292	2.77224546	2.27950576	3.24452344
3.76665747	3.98190327	4.41808885	3.75957072	3.2537817	3.78490225
1.26960997	2.09375304	1.30789632	0.7831444	1.83340428	1.64782949
1.06134862	0.67526174	1.00E-04	1.67033998	0.13235227	0.57907525
1.50618379	0.97728559	2.08421616	0.86082888	1.97425399	1.90176184
1.00E-04	1.00E-04	2.28268104	1.35976843	1.7176061	2.28844425
2.58100581	2.00908919	1.00E-04	1.83242746	2.04621429	1.95260548
1.1876287	1.4997797	1.00E-04	1.09464833	1.17796789	1.0307074

1.70473472	1.19088226	1.00E-04	0.87783142	1.37505118	1.32788608
1.3162039	1.44440261	3.02286544	1.84396116	2.4493512	2.55885206
1.83697848	1.67008534	1.00E-04	0.94974368	2.29710381	2.35521705
3.82064889	3.84867247	3.54856667	3.25242459	3.73757244	3.98814072
1.00E-04	1.00E-04	1.00E-04	0.67707868	1.00E-04	1.00E-04
2.38587465	2.91212155	2.22349575	3.49272118	3.13431147	3.29367464
3.0365129	3.41328915	1.38754516	2.78914192	2.81179417	2.88219137
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.29610852	1.00E-04	1.00E-04	0.82606236	1.48952456	0.14317243
1.0142172	1.70224074	1.00E-04	1.00E-04	0.13427639	0.89492868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.8166529	4.48119295	4.70564881	5.1219959	5.07292349	4.940958
1.00E-04	0.66862807	1.00E-04	1.00E-04	0.1826159	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.80978539	1.00E-04
4.13003605	3.97736652	3.75005859	4.75586734	4.07743605	4.34688415
1.00E-04	1.06087519	2.53612646	0.56029689	0.42455119	1.00E-04
2.05055377	0.68795474	2.76939322	1.79234144	1.92933068	1.33013354
0.86700902	0.58441889	2.40944831	3.28570767	2.72200388	2.6939526
2.31766101	0.90226603	2.37523392	1.71486684	0.75031321	0.81496833
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30788028
0.8423332	1.00E-04	2.18505109	1.29831798	0.41758634	1.00E-04
1.10128878	0.5280252	1.00E-04	1.00E-04	1.14687157	1.21710079
4.30042796	4.06975874	5.34349684	5.47987464	5.42010093	5.42668429
2.59806827	2.52584605	3.16925921	2.81722512	3.2833903	3.43652134
3.15453042	3.16150605	3.58004964	4.073048	4.1562636	3.9753333
3.49808819	3.42507586	3.63191723	3.30014918	4.04645264	4.0574702
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.10285059	1.15969017	1.00E-04	0.44891413	1.00E-04	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.04695374	2.28781668	2.28302125	2.68849926	2.52891831	2.69016739
0.29610852	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.15984421	1.84394965	1.00E-04	1.05503329	1.6210157	1.47522977
2.55396241	2.37063195	1.85807109	2.01519683	1.70200899	1.81720585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.16565788
1.71555396	0.95814081	1.00E-04	0.91616112	2.11698463	0.12854881
0.44837254	0.56648379	1.00E-04	1.2505312	0.10440683	0.8007554
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.62198777	0.13067397
1.00E-04	0.55653387	1.00E-04	1.00E-04	1.00E-04	0.41953258
1.00E-04	1.00E-04	1.00E-04	0.25428292	1.00E-04	0.2457152
1.27554866	2.01934128	1.11518827	2.07598372	2.05282865	2.60346781
1.95275914	2.32192374	1.00E-04	0.71417168	1.00E-04	0.74704602
0.90609459	1.00E-04	1.00E-04	1.00E-04	1.01123656	0.85987418
3.22048376	2.48406977	1.11518827	1.26457441	1.9429715	0.60388987

1.70322964	1.53037435	1.28609943	2.26711472	2.08632303	2.26776311
4.8135318	4.76176998	4.8759097	5.29395549	5.16420664	5.45254609
3.94946254	4.10924433	4.29451478	4.13534904	3.95798194	4.22272179
4.29358457	4.11529488	3.66435595	3.94012894	3.9015018	4.03522131
1.88369582	2.36592248	3.69290548	4.48403356	4.41207962	4.53714189
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17279347	1.00E-04
5.43391268	5.11307657	1.00E-04	1.77918338	2.37594002	2.88696997
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.88539593	3.11500861	4.02133903	3.63085394	3.72346019	4.20822144
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55632674	1.00E-04
3.50015929	2.94727838	1.54304638	2.40022655	2.35966124	2.88755379
3.53490376	3.35790696	2.4610502	3.03967592	3.4010019	3.73516465
1.00924216	0.62690381	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.17931546	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55036061
4.11573061	4.29060974	2.36241402	3.68265838	3.38044691	4.08111814
3.39747909	3.511658	1.82713664	3.84780717	3.63069387	3.11006734
4.56655806	4.77807246	3.71356674	3.79911853	4.13756414	4.20392411
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.0087153	4.13579779	3.11505815	3.15428091	2.88611758	3.45925582
4.9177131	4.90397223	4.83441461	4.60731566	5.01093852	5.0616999
2.42747824	1.7738661	1.84440302	2.07463471	2.03403097	2.05198775
3.53140998	3.4549589	3.69626797	4.39651132	4.41348494	4.26513353
1.19673154	0.97601686	1.00E-04	1.94045653	1.00953055	0.64822431
4.12820291	4.28352005	4.73300895	4.18442363	4.82037843	5.10574367
3.62995044	3.42664948	3.25408464	3.01950237	3.41985436	3.26893307
4.5136542	4.65271973	5.46902247	5.90381561	5.72429615	5.79407388
4.63517224	4.68250893	4.92788579	4.80228274	5.21174577	4.96168657
3.35029841	3.7275099	3.62025538	2.99503154	2.98433481	3.0044929
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.5845187	1.12850698	1.74110187	0.96735064	0.31877834	0.79699598
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.64822431
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.5449975	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.85034274	2.19538815	2.56648858	2.8244252	4.65005692	2.6313927
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.99711626
3.34665825	3.68305693	3.18598129	3.69041766	3.87797776	4.34522021
1.65391332	1.89310941	2.36550427	2.05729784	1.68284311	2.85932577
0.81444848	1.00E-04	1.00E-04	1.77099173	0.32317403	1.00E-04
2.35613071	2.54515982	1.00E-04	2.28586937	2.34667746	2.34653955
2.74792289	2.86306316	3.10782603	2.19476557	3.35351234	2.96197933
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.91004794	1.48359077	1.01595107
2.97017267	3.34126169	3.09154961	2.23991206	3.28779448	2.72705106

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.92063046	1.69164411	1.00E-04	1.00E-04	0.90541604	0.37073618
1.00E-04	1.00E-04	1.49210505	1.00E-04	1.00E-04	0.45304823
0.77729788	1.00E-04	1.00E-04	1.57046885	1.16740491	0.27250157
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.30986649	0.65887123	0.95757605	1.00E-04
0.53888819	0.69392408	1.00E-04	1.00E-04	1.00E-04	0.13038568
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.62524679	1.00E-04	1.00E-04	1.00E-04	0.66694363	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.67251035	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00420051
3.78259132	3.60421883	3.22648036	2.67873843	2.91950944	3.10809505
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.73148296	1.11236854	1.00E-04	0.86953679	0.82365229	0.54261238
1.64505471	2.18750437	1.00E-04	1.45212602	2.07868018	2.69148802
3.72842447	3.89955334	2.98145178	3.36057376	3.85267811	3.88647643
3.31677189	3.23931496	2.26940073	2.64803314	3.02959419	3.47856737
4.62928921	4.49066225	5.08510796	4.8161189	4.88386666	5.00952725
1.08868023	0.9069623	1.00E-04	1.85177105	2.25330619	1.01836878
2.57601469	2.40381272	1.11518827	1.60181646	2.90609013	2.40644557
4.61833638	4.54113513	4.9466505	4.83171016	5.3153695	5.43795902
2.09369978	2.68007262	2.99822854	2.19453562	2.61299727	2.9469192
2.80212566	3.19320032	2.40423019	2.59217618	3.14245867	2.50639936
2.2531396	1.53326121	1.52319676	2.91045605	2.5115919	2.5105592
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.34359685	0.68179762	1.00E-04	1.26709932	1.32217417	0.15499183
4.16224487	4.10844297	4.71074244	4.28743376	4.68048206	4.45148569
2.37257982	2.82560108	2.12166655	3.32858342	2.27848734	3.03672864
1.40723194	1.71871087	1.00E-04	1.82304813	1.19537018	0.9366193
1.00E-04	1.00E-04	1.38754516	1.00E-04	0.54894606	1.00E-04
1.79242135	2.38894868	2.24726389	1.92374866	1.85321238	1.98312352
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.7717057	2.72922853	1.95366243	3.28688488	3.07129759	3.12603146
2.4809689	3.1599683	1.00E-04	1.56979505	1.4241297	1.79597164
3.18264282	2.83353919	2.68468419	1.97458357	2.43187147	2.90431669
0.1163586	0.88624907	3.54587477	4.11857979	3.42126831	3.43984374
6.01670111	5.93458109	5.13348236	4.94369381	5.55410529	5.38452597
1.00E-04	1.00E-04	2.17648322	1.6719446	2.96231898	2.91129684

0.72375712	1.00E-04	1.00E-04	1.3145515	1.00E-04	0.62335309
1.00E-04	0.79837719	1.00E-04	1.00E-04	0.6789936	1.00E-04
1.02928098	1.50216719	1.00E-04	1.00E-04	2.5153403	2.13998788
4.69880759	4.78289756	4.18686962	4.50880291	4.61290696	5.07045405
5.69884683	5.32548971	5.04928054	5.73353957	5.60842905	5.6668525
4.26772906	4.47493049	1.00E-04	3.41776478	3.38326793	3.03369611
0.84385029	1.1247126	1.89833233	0.61457452	1.6886016	1.19308098
2.60718611	3.31296574	4.28787696	3.43486805	3.75678368	3.79401884
3.06578512	3.04601465	3.17517249	3.37788639	3.99210827	3.43467227
1.00E-04	1.00E-04	2.55580982	1.00E-04	1.00E-04	0.13067397
3.36804997	3.48341592	1.00E-04	3.1371862	3.26098866	3.17667024
1.24813585	1.14561225	2.10092533	1.1454617	1.00E-04	1.00E-04
0.97924452	1.00E-04	1.00E-04	0.61612408	1.0254071	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46570086	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.29799478	4.3947838	4.26815909	4.46040027	4.36711257	4.57232189
4.32474606	4.05011266	3.16133856	4.02407689	4.17312132	4.20400447
5.38034176	5.24536562	5.28909897	5.56522541	5.6782328	5.60152707
2.53669779	2.81234487	2.34164987	0.85439488	2.21621486	2.46983409
1.57885058	1.00E-04	1.00E-04	0.88836944	1.7291596	0.46411138
2.75916855	3.04701771	2.07825983	2.17888735	2.18026185	2.69095495
3.56321366	3.673088	2.54041517	2.77835196	3.00576789	3.1437827
2.00629359	1.66925921	1.00E-04	1.93000588	2.19153834	1.4243922
3.06164876	3.19561199	2.19528676	2.28173451	2.54160459	2.50940645
2.81429855	2.51290195	3.64146108	2.07697421	2.99856188	3.09674513
2.83128942	2.74117628	2.2681588	2.55941852	2.76456788	2.86530026
2.74212951	2.73571813	1.98585178	2.07400126	1.93072389	2.94421867
2.75088086	2.88676924	1.00E-04	1.9649576	2.79584498	2.83931014
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.55706548	1.00E-04
2.37056285	2.52393647	1.91351535	2.21092559	1.68813043	2.53757925
0.22057811	0.99361657	1.00E-04	0.95535454	1.37040088	0.56530641
1.41099946	1.86827978	1.00E-04	1.92570211	1.47653016	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.36338482	1.38600961	1.00E-04	1.45930926	1.95565688	1.86258545
1.00E-04	1.00E-04	1.00E-04	1.63904974	1.94191572	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.14655243	0.82973822	1.00E-04	1.00E-04	1.00E-04	0.76890723
2.2479876	2.95553663	3.03305597	2.62991108	3.41732572	3.3883234
0.54975373	1.6835124	1.00E-04	1.00E-04	0.18229203	1.00E-04
0.81897365	0.9989809	2.50833377	1.00E-04	0.98246402	0.28509766
5.84668344	5.61143461	1.00E-04	1.27753776	2.67023321	1.47844181
1.45181911	1.58476588	1.00E-04	1.33815752	2.217744	1.62310394

2.33063686	2.75139661	1.00E-04	1.96765993	2.59006826	3.14415508
0.74148299	0.5153255	2.04595548	1.00E-04	0.81644886	1.62385335
1.23445385	1.29440229	1.00E-04	1.00E-04	0.86444525	1.58389485
4.18131825	4.15536512	3.97142692	4.13707624	4.11599688	3.97218622
4.80343091	4.81389197	5.2811088	5.19585536	5.00286612	5.15433829
1.92585491	2.93898246	1.38754516	1.23380562	2.70569371	2.20128538
3.48396234	2.85765588	3.65254472	3.02176814	2.9466857	3.60368506
2.64864708	2.01644476	1.11518827	1.70038737	2.3763097	2.98980981
3.38773487	3.29461558	2.93482179	2.98118373	3.6513617	3.40708452
1.78223424	2.32062197	1.52319676	2.26528561	2.00840502	2.42422442
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.24639069	2.21819222	1.28316224	1.42684681	1.76799929	1.8820818
5.36918293	5.30134275	4.83097451	5.20961929	5.20373011	5.16172295
2.89100662	3.66009782	4.31373515	4.23966086	4.00260492	3.1623256
1.00E-04	0.59074735	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.47737658	2.74469422	2.84149696	3.2358872	2.63844304	3.17978495
1.76841908	3.1014974	1.00E-04	1.38582647	1.51497457	1.93969367
0.86900805	1.00E-04	4.01076383	4.32123824	3.5700111	4.48943247
0.44837254	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.17913109
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3.31371316	3.56870365	2.54041517	3.38562761	3.36985129	3.40697021
3.81393428	3.93325172	3.24826769	3.11225911	3.82243595	4.04863669
3.53911217	3.2730356	2.39563846	3.36849158	3.21014963	4.00052252
3.33914691	3.31963772	1.00E-04	1.00E-04	0.49320236	0.37720123
3.62056856	3.36694959	2.09648582	2.86189181	3.30056931	3.24767668
4.07302625	4.39494498	3.18087921	4.02300789	4.02322787	4.46547529
4.34782496	4.31859398	3.42729999	4.24910983	4.46995302	4.85943203
1.46022505	3.00907643	1.6068095	0.41939216	3.535855	3.13157939
4.12726186	3.66744396	2.2621325	3.07517363	3.05843315	2.03216175
1.1518396	1.51823377	1.96740946	1.81204825	1.63824872	1.89041266
0.69584648	1.25782539	2.97153614	1.26072857	2.10535346	2.45312391
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.30777659	2.63292456	1.00E-04	2.34454565	2.16187528	1.56555021
1.7363505	2.02888114	1.30986649	1.22943873	2.54558868	2.03864968
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15700548	1.00E-04
3.74314925	3.23494363	3.38601406	3.51998138	2.88377108	2.49710912
1.00E-04	0.62690381	2.04595548	1.00E-04	1.00E-04	2.1038045
1.19087312	1.61016901	1.00E-04	0.45991406	0.79658484	0.67526668
1.00E-04	0.5011611	1.00E-04	0.34813435	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.22800106	1.00E-04	1.00E-04
2.23622552	2.26682644	1.00E-04	0.95198458	2.51042447	1.78511907
1.00E-04	1.00E-04	1.00E-04	0.75725904	1.00E-04	0.4683059
2.08069718	2.40768061	1.6068095	2.23239279	2.53497725	2.09112307

3.63599047	3.1079706	1.52319676	1.23885868	1.99336998	1.95740704
0.77562963	1.00E-04	1.00E-04	0.69282833	0.94378859	1.0524795
1.69636608	1.94063471	1.00E-04	1.72432895	1.88657058	2.0494803
3.05956347	3.10571921	1.90370108	2.4577558	3.11439906	2.85249005
3.39969207	3.41857037	2.52583792	2.72111248	3.78158722	3.90349547
3.50140659	4.05970885	3.01885361	2.11038401	3.71593611	3.63681748
3.62997803	3.93482412	2.71112885	2.68172441	3.48321177	3.37433423
2.86895511	2.85184218	2.10092533	2.894484	3.17336532	3.0653226
2.13112756	1.90066219	1.93119131	1.21043284	2.48026444	2.11793737
2.82157619	2.41502644	2.33221482	1.8645876	2.62307481	2.81768021
4.14592871	4.0472765	4.13283188	3.71648404	3.97293624	3.84818759
3.24250901	3.7121969	2.37495702	2.02088626	2.92821051	3.13300728
2.99793866	3.04519168	1.91285577	2.5089745	3.03637767	2.90643067
2.76713914	3.03669244	2.58069412	2.31085361	3.08619541	2.87096937
0.88756409	1.09451707	2.43969177	1.0448913	1.93414074	2.06852881
0.45044286	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.9713295
1.7092347	0.46062364	1.06844428	0.46633175	0.24503387	0.16236604
3.40571346	3.17293587	3.46381521	2.95620652	3.40279856	3.4447042
3.21245939	3.13140764	3.0346945	3.30745198	3.39870464	3.7066454
3.93220603	4.49767263	4.10737326	4.03824933	4.7375555	4.83063497
2.66101394	2.11228331	1.00E-04	2.19847933	2.66421354	3.16206967
0.30060549	0.45118201	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.9405472	0.17649229	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.71100417	1.06844428	1.1510802	2.29248951	2.20642609
1.64274854	2.30774083	1.01811585	2.03514927	1.63132791	2.61519229
4.84815402	4.49661552	5.75096842	5.95007557	5.70997971	4.9732566
1.26245951	2.09972022	2.04595548	1.60512354	1.61168373	2.1588876
2.42727184	2.24185649	2.29656836	1.97738735	2.70506997	3.25857414
2.88814195	2.78178483	1.00E-04	2.63198441	2.33297235	2.98332598
2.90506817	3.23876504	3.76549767	3.35328762	2.8990472	3.13623942
1.51061813	2.38077296	2.26339234	3.16390861	2.16405085	2.66718457
3.62122478	3.37898533	2.92617963	4.35869147	3.66670886	3.57192394
1.19451359	1.80386346	1.00E-04	1.25099216	1.69103014	0.40709304
1.69262784	1.00E-04	1.00E-04	1.45064973	1.5681122	1.91417282
3.20881838	3.05221857	3.21164993	2.95900852	2.94267476	3.41110955
1.00991866	0.24251465	1.00E-04	1.4286252	1.55710983	1.68657369
4.74810363	4.79562317	4.91190855	4.51706308	5.06736632	5.13933941
0.52523255	1.00E-04	1.00E-04	1.00E-04	1.07100351	0.14317243
1.00E-04	1.00E-04	1.00E-04	0.85797102	1.00E-04	1.00E-04
1.50950174	1.27834999	1.00E-04	1.00E-04	0.18229203	0.70840066
2.20549304	0.5153255	1.00E-04	2.58376437	2.8379698	2.59127808
2.33121921	2.83529598	1.00E-04	1.31560304	1.1981953	0.93511689

2.6108573	2.78520774	1.92782151	2.80954208	2.35127139	2.03334985
1.93201088	1.51534949	1.40283744	2.35398213	2.94616259	2.80359258
4.10246683	4.25504813	5.06716762	5.31044179	4.94891711	5.04516717
4.21744482	4.58051707	3.57660479	3.09479976	3.52491816	3.93292608
1.10508055	0.9190865	1.00E-04	0.32864749	1.25207515	1.58718105
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.59625278	5.57648052	5.13969126	5.57457581	5.45647574	5.52069441
4.87238572	4.89902914	4.38332919	4.75881027	4.65912914	4.63492934
1.00E-04	1.04972065	5.24035276	4.91645652	4.58024555	4.10919984
1.86571223	1.00E-04	3.13891228	3.56157289	2.35135662	2.68253884
5.10598637	5.15669872	5.49885726	4.94736359	5.16472589	5.16193146
2.52817443	2.29668428	3.25166069	4.07537848	3.44615906	3.94745142
2.52173733	2.71475879	1.83973834	1.48599425	2.10817494	1.61410351
1.98090694	1.0662535	1.00E-04	1.59106221	1.58012451	1.63675154
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.75121054	1.99162872	1.00E-04	2.59875363	2.98050782	1.9938231
0.98438802	0.79058761	1.00E-04	0.90627653	1.00E-04	1.00E-04
2.7503165	2.7484077	2.23642882	3.33975071	3.74755921	3.97503902
0.65593614	1.00E-04	1.00E-04	1.21131009	0.77221918	1.17867604
1.69906559	0.61419632	1.00E-04	1.68622852	1.30456482	1.2338296
0.56427265	1.00E-04	1.00E-04	1.00E-04	1.0566075	1.00E-04
0.34600017	1.00E-04	1.00E-04	0.20501279	0.54668036	0.486744
4.36320797	4.36413149	3.77352018	3.48608673	4.66114601	4.64333533
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.32258473	4.09203	3.2934576	3.82294726	4.39309362	4.51680487
2.67572974	1.64016051	1.01811585	1.32921392	2.42700874	1.99498265
3.79089659	3.60936884	3.34632888	2.6254251	3.47911964	3.42676581
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.30561219	0.83857427	1.00E-04	0.44891413	0.74712424	0.39108477
0.74114016	1.23595177	1.00E-04	0.81161137	0.72471893	1.53545444
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09292159	1.23659422	1.00E-04	0.74870729	0.12723689	0.91291306
3.92442796	4.03812989	4.10302714	4.18947051	4.29551501	4.35552239
1.00E-04	0.51466394	1.00E-04	0.25428292	0.24760841	1.00E-04
2.20233095	0.86876774	2.66271455	2.07569396	1.75756103	1.89453765
4.08093844	4.12888923	3.92798623	3.70715236	4.00451652	4.10918591
3.00149124	2.46681076	2.66876761	2.27715094	2.38244298	2.60037329
4.4116752	4.48869881	4.8731032	4.66064377	4.62213834	4.69709702
5.44965351	5.3249954	5.25281817	5.52591165	5.33780851	5.21765549
3.97518026	3.8536897	4.1232813	3.88396957	4.13856822	4.25856514
2.1434375	2.47254444	2.30167759	2.76130006	2.60044402	2.49862963
4.57476184	4.80806821	3.26586589	3.53771289	4.36570945	4.22097099
3.18354227	3.14835115	3.75053722	3.71902914	3.89553923	4.07274856

5.14389817	5.30716989	4.70286323	4.7515024	5.3258641	5.32864213
5.06778814	4.84194326	4.30811365	4.3730327	4.91092081	4.61128204
0.69167046	1.00E-04	1.00E-04	1.00E-04	0.3340074	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88593423	1.46720012
1.00E-04	0.71020935	1.00E-04	1.00E-04	1.15640195	0.21329315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.57700167	0.9989809	2.83562721	2.30001248	2.60503696	2.01176008
1.04687204	1.00E-04	1.83013888	0.60372301	0.32174827	0.36890356
3.23046239	3.3390232	3.05390288	1.75217599	2.469654	3.29721564
1.00E-04	0.53687768	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.63391557	3.97887745	2.87366997	1.46717775	2.60071788	3.07568767
5.35532013	5.19660051	5.6032434	5.89394314	5.68387906	5.83280369
0.2866935	0.56648379	1.52319676	2.83325904	2.90243764	2.89904085
3.05783776	2.47501415	3.43975435	4.53734139	4.50763822	4.85280329
4.12489325	4.24423632	3.96903523	3.64286455	4.11075113	3.8294819
1.00E-04	1.00E-04	1.00E-04	1.15969366	1.00E-04	1.00E-04
3.48084892	3.64393625	4.54289288	4.41831499	4.2529077	4.17437872
3.30565892	3.09989355	4.27388849	3.57004419	3.8515652	3.71729223
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.14485168
2.10467179	1.81673444	1.30986649	1.22674027	1.85005286	2.3923332
1.89835858	2.726143	1.00E-04	0.54676642	2.62717024	1.54014563
4.76575173	4.66407939	4.35910238	4.11183423	4.39930257	4.227538
4.21893463	4.2051912	2.52437468	3.40082652	3.82725423	3.79510573
3.52614879	3.4639766	1.00E-04	1.32957973	2.39070499	1.47708805
3.56513415	3.44894819	3.22569885	3.31679893	3.53394167	3.26563156
3.69034868	3.49852689	2.90224992	3.48404088	3.49526792	3.42915989
1.85062197	0.69835557	1.30986649	0.37325883	1.30361144	1.58532846
3.5337039	3.42653379	2.59092143	2.86804748	2.92877242	3.30292105
3.26097316	3.07204844	1.9503961	3.30353703	3.55767472	3.36236196
4.00622412	4.20082999	3.4588708	3.03151504	3.87874635	3.9514478
1.00E-04	0.88563595	1.00E-04	1.00E-04	0.21911936	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.42756818	0.73031399	1.77634549
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50298916	2.29808462	1.9520273	1.52059073	2.46786624	2.46847986
0.64176485	1.17549652	2.0351745	0.83782098	1.39242564	1.49511333
2.39446477	2.80050771	3.78570069	3.71480051	3.51897588	3.65751133
2.49022117	2.3171493	3.36693825	2.80660344	3.16849487	3.32812774
2.97094589	2.62859043	3.18610701	2.5392063	2.35922004	2.71413159
3.13842531	3.2545534	1.95118444	2.44810374	3.10458805	2.63587686
3.29216958	2.91464994	2.58420586	3.71999405	3.94829622	3.65565953
2.21931371	2.9127858	1.82342144	3.2364432	2.68143971	0.28509766
2.84827645	3.36721441	2.35644409	3.00707729	2.98521299	3.24110316
2.90785077	2.99670721	3.39933713	2.36769482	2.9058674	3.04039249

1.00E-04	1.00E-04	1.00E-04	0.69241499	1.00E-04	1.00E-04
1.3858631	2.43489184	1.00E-04	1.27300535	2.46097391	2.18512483
1.1092344	1.208007	1.83013888	2.2023013	1.22431187	1.03277635
3.72929557	4.01350574	5.30424701	5.80140574	5.49427763	5.62415903
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19191379	0.14317243
2.98275994	2.40921657	2.64484339	2.65661115	2.91102035	3.20509262
2.78497093	2.63399229	3.64826001	3.44817874	3.26946138	2.68100598
2.53836004	1.06974545	2.04595548	1.09406512	2.26142932	2.02864276
0.94114725	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.29327892	4.22449677	2.84688981	4.77210754	3.77258507	3.84598233
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.78009573	1.00E-04
3.11110311	2.94778754	1.06844428	2.25795671	3.3792478	2.95358456
2.64384695	2.42870774	1.00E-04	2.20249907	2.65991347	2.71426276
3.30230096	3.34025185	3.70164314	3.25347576	3.87041503	3.6883032
3.40334984	3.26726191	2.28983067	2.38412911	2.66854363	3.12503535
1.643346	2.03703308	1.06844428	1.82449395	2.48425943	2.27018684
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.55049331	5.41941333	5.51233212	5.88834733	5.55330026	5.5050547
5.44490774	5.49589782	4.4016913	4.60289272	4.71889335	4.90783048
1.00E-04	1.00E-04	1.00E-04	0.30764686	0.15137331	0.56962806
1.00E-04	1.14948916	1.00E-04	1.29595577	0.75295045	0.19641509
3.09953427	1.32586088	3.71045432	3.72377285	2.10409756	2.46998066
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.72672013	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.09420941	3.07179551	2.91706089	2.77671163	3.60127701	3.56546358
4.70571768	4.43288374	4.32501078	5.17215781	4.50654152	4.42534921
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.95108155	0.43785363	1.30789632	1.04254376	1.76070205	1.17245705
1.40755018	0.32854769	1.00E-04	1.00E-04	1.45122878	1.00E-04
2.56971908	2.15911426	1.96479434	2.62826605	1.66061741	1.2640366
1.56313905	2.43926784	1.00E-04	0.99139319	1.74409837	2.33063237
2.36480634	1.38951297	2.28302125	2.46059347	2.81862342	2.22407563
0.79328557	1.07503449	1.30986649	1.72057509	1.4874707	1.03656166
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.91116725	1.00E-04
4.21573037	4.40454181	3.0472042	3.50408778	4.16615255	4.33343672
3.40939995	3.12558272	1.94733951	2.94420586	2.94002916	3.39393779
4.72138054	4.93130539	3.43120427	4.03811994	4.80942551	4.68816201
4.55759011	4.61006598	3.67612457	3.95996261	4.84064458	4.68216801
0.99916689	1.33506982	1.06844428	1.19215531	2.0365409	2.14137561
1.74808843	1.87827114	2.32722852	2.43253956	3.07568603	2.63013896
1.00E-04	0.48013639	3.68291225	3.95227654	4.58063064	4.63378118
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

3.52805536	3.81356539	5.97908478	5.98610872	6.28002383	6.42794566
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.98382889	3.09722129	1.00E-04	1.10098216	0.68649815	0.98442034
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.26654268	0.4162116
1.56585855	1.10726942	1.00E-04	0.54676642	2.16709446	2.41102602
3.91736593	3.99379453	3.3213428	3.46971166	4.20214428	4.24479241
1.53075194	2.66352598	1.11518827	1.40465101	2.05176465	1.95205755
3.97191444	3.48890834	3.39850658	3.5981699	3.70028381	4.08931476
3.00002047	2.92872212	1.00E-04	1.96487608	1.47129592	1.22872474
4.89317763	4.9297513	6.3160136	6.74426568	6.29231738	6.34701696
3.96576648	4.07846573	3.98655889	3.48842504	3.98421989	3.91310417
3.65338097	3.78444312	2.29748569	2.93901457	3.72252497	3.44677934
2.33281909	2.16194989	1.00E-04	1.65473473	1.47992179	2.21330105
3.25222611	3.45687684	1.82687244	2.91476252	3.22288748	3.8515205
1.00E-04	0.87634654	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.58468642	1.00E-04	0.12854881
2.88985081	3.13639739	2.0987188	2.68425214	3.00864772	2.71231959
1.91539956	2.52898734	3.01303214	3.30649611	3.16786537	2.98038234
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.4783264	1.00E-04
2.01363772	2.36386293	3.15000828	2.92474769	3.66324029	3.47186075
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97322593	2.72781064	1.38754516	2.55674098	2.46345389	2.95345375
0.15907666	1.88802808	2.24399448	1.7552886	3.07965218	3.2506318
1.42437033	2.24467854	3.34409673	2.4640601	3.95259242	4.11159503
1.33942815	2.08146711	1.00E-04	0.48793187	0.69091372	1.16094116
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.08664108	1.00E-04
1.00E-04	0.57497591	1.00E-04	0.764425	1.00E-04	0.56811349
2.79975675	3.09902332	2.22227459	2.36427973	3.10296098	3.05987584
2.57427256	1.53718901	1.49210505	1.61752775	2.34973911	1.67843631
4.8031521	4.48766242	3.98829572	3.63421299	3.82233677	3.51494634
2.64043932	0.91696722	2.47121602	2.30758188	2.27094969	1.96283696
3.42533386	3.32505247	2.51616513	3.30566158	3.42791699	3.21856206
1.00E-04	0.57965788	1.00E-04	1.00E-04	0.47972762	0.16236604
3.26569521	2.569672	4.5868636	3.78411527	3.63760729	3.41597814
3.0485471	3.15379504	3.1114507	2.09652465	2.01673513	2.67101214
1.64709548	1.00713817	1.00E-04	0.67915539	1.7078252	1.57244495
2.16825093	1.39794175	1.00E-04	1.79466752	2.01244012	2.12590129
0.8020797	1.17208828	1.00E-04	1.00E-04	2.0286699	1.03512997
2.41486946	2.42251499	1.06844428	1.11277717	1.85378997	2.01252125
2.55182273	2.70320586	2.92835683	2.24145674	2.12975531	3.17816742
1.87268382	1.94999516	2.41654993	1.30733365	1.87855644	1.79798642
0.09415495	1.00E-04	1.00E-04	1.00E-04	0.28420949	0.24928507
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.81832479	0.87504218

3.18588615	2.98485783	3.49887221	3.76314635	3.96568466	4.2533601
1.00E-04	1.00E-04	1.00E-04	0.20501279	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.28316224	1.00E-04	0.35534378	1.00E-04
1.39684967	2.0250578	1.00E-04	0.65887123	1.62783523	2.16393266
1.10115838	1.72828461	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.76232783	1.49567067	1.00E-04	1.37384296	1.70214351	1.15520352
1.00E-04	0.5153255	1.00E-04	1.00E-04	1.00E-04	0.13067397
2.35212723	2.63484915	1.00E-04	2.19145092	2.83935475	2.91628417
1.52952314	2.04645759	1.00E-04	0.24575289	0.10440683	0.14485168
2.86858516	2.7632749	2.74756941	2.44690082	3.16591387	2.88310383
3.35611992	3.29699478	4.16533647	4.12889281	4.01949022	4.16097793
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31843376	1.97757877
3.5510603	3.77755197	3.01600425	2.6893989	3.53157336	3.12326418
2.98726674	3.19721766	2.7565917	2.68121005	2.25401771	2.6279645
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.26678746	3.96757719	3.38100912	4.4409737	4.60008591
1.00E-04	1.41972619	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.31732225	2.80572031	1.60160529	2.50717908	2.87983788	3.12975051
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.15554497	3.16917717	1.87145018	2.41673471	2.83281757	2.9218355
0.36630267	1.00E-04	1.11518827	1.31190391	1.52797307	1.00E-04
2.08563925	1.8631271	2.92453424	1.77282128	2.1849953	2.18972915
4.46623383	4.55116374	3.69262223	3.92239015	4.53423383	4.52322309
2.28710358	2.35000842	1.00E-04	1.37164793	2.70658447	2.45172935
0.88011859	1.00E-04	1.00E-04	1.00E-04	0.52812965	0.68511885
3.02066749	3.26093174	2.2636409	2.79136467	2.61128383	2.86890819
2.4584281	3.00914913	1.00E-04	2.60042982	2.45442406	2.51273965
0.51477986	1.00E-04	1.00E-04	0.59574527	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.11673416	1.53906556
2.73589093	2.62132927	3.60185262	2.71928801	3.03118445	3.19373013
3.65656794	3.89018493	3.27457675	2.77283008	3.77341601	3.35839603
2.00826718	2.21273311	1.00E-04	2.5279578	2.08163576	1.90034228
1.00E-04	2.28407496	1.00E-04	2.70810936	2.16717404	1.47856189
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
2.82033118	2.57957763	1.38754516	2.81875508	2.69601133	3.45339516
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.40054164	1.00E-04	0.94998871	1.44235082	1.26019855
1.53943413	1.31938652	1.68194567	2.01140636	2.19481459	1.43789454
3.69160244	3.55439465	1.06844428	1.35562048	3.18405893	2.31043926
3.01304986	3.54185213	4.21178157	4.10779407	4.32594421	3.8775526
3.61703007	3.66987245	2.75958711	3.59577459	4.11422317	4.83261886
4.58584954	4.85998279	2.32296172	2.66776839	3.17561397	2.69550847

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.72736867	4.64404343	5.69175238	5.88096324	5.68338446	5.85119889
1.00E-04	0.32854769	2.37807501	2.11811762	2.9200043	3.56216396
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68686911	1.00E-04
4.14707854	4.09962549	3.6209509	4.16175613	3.89599324	4.11339906
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.32213263	2.192996	2.37312232	1.44739426	2.31132934	2.41127087
1.7152453	0.92776382	1.00E-04	1.10744628	1.66983742	1.67794699
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.80154251	2.42087977	1.00E-04	1.84827717	2.56323737	2.56668265
1.13592404	1.00E-04	1.00E-04	1.23761564	1.01421877	1.20246593
2.53779507	3.03590372	1.00E-04	0.69241499	0.08158092	1.00E-04
2.61182967	3.02656997	2.01854624	2.43464864	3.02298134	2.64855255
4.26043483	4.06203422	3.08576577	2.62072887	3.9141574	3.50683245
4.41279414	4.36876172	3.77090165	4.05705474	4.47951488	4.6025868
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.31167709	1.00E-04
3.62423645	3.65932077	3.08959075	3.15775132	3.23264584	3.82043442
1.00E-04	0.94658676	1.00E-04	1.00E-04	1.00E-04	0.34272783
2.66847717	2.50311902	2.86944346	1.66974494	1.52975797	1.12713777
1.47108082	1.05407047	1.00E-04	1.00E-04	0.11783267	0.60360132
1.1359219	1.22997198	1.00E-04	1.00E-04	1.11688297	0.66170831
2.74029389	2.72432657	3.21486307	2.68901414	3.41348707	3.06139489
2.7139517	1.61640713	1.00E-04	2.90219775	2.56178297	3.03776347
2.74675249	2.40622823	1.83054554	3.27306723	2.54311539	2.3970243
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.26912195	1.00E-04	1.27996271	1.57798126	0.58450605	1.20475562
3.30648358	3.60628139	4.07227674	3.46859949	4.26191149	4.39524083
0.1163586	1.00E-04	1.00E-04	0.44891413	1.00E-04	1.00E-04
3.73502386	3.77699629	3.18532497	3.02722273	3.14747963	3.44788361
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.37471957	3.50440578	3.50272248	3.14912114	3.39730034	3.44929156
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.04831816	2.92655915	2.49424234	2.53098485	2.72462961	2.85451851
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.32659213	0.43251302
2.64969565	2.74911362	2.57211111	2.95703696	3.42637843	3.62951265
3.61615034	3.85741561	3.89923977	3.62687753	3.44040831	3.59424848
2.94471088	2.94375408	3.31588464	2.64374668	3.13971943	2.99934022
2.36865238	2.78667702	2.62925707	1.84128444	2.94216368	2.22424018
0.55703647	1.00E-04	1.00E-04	1.08246538	0.59528506	1.00E-04
0.81935203	1.8434732	1.00E-04	1.51260563	1.97727118	2.59604704
3.775119	4.1802204	3.58574418	2.7918178	3.31863467	3.89839608

2.44187798	2.67373519	1.38754516	2.04605576	2.61514445	2.45623662
3.7572347	3.7345934	4.18804611	3.70662113	4.18242424	4.21289813
0.4620769	1.44381528	1.00E-04	1.7658497	1.85231398	2.10549625
1.00E-04	0.89938074	3.54828616	3.43374321	4.04878168	4.07448148
0.52523255	1.80428327	1.00E-04	1.00E-04	1.64851313	0.56131478
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.34375441	4.77952263	3.64668641	3.37209717	4.00538363	4.34526463
3.09977768	3.6009702	3.38006493	3.23277175	3.49226331	3.35150525
1.89614838	1.55997842	2.68451316	3.36115923	3.14692707	3.2229334
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.09415495	1.00E-04	1.00E-04	1.05263204	1.54611118	0.42948689
2.6289026	2.22451032	2.59317587	2.66712445	2.17548239	2.91860379
1.00E-04	1.00E-04	1.00E-04	0.25428292	1.00E-04	1.00E-04
0.29610852	1.00E-04	2.81505391	2.71127229	2.87430271	3.00034748
4.87529571	4.72855644	3.00681556	3.84138533	4.45527811	4.46993544
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.98621432	3.44154711	1.00E-04	1.89784671	2.69846435	3.11864143
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.92852348	2.99540221	3.67493549	3.84962161	3.58929635	3.85960995
2.38444915	2.85196035	3.71989861	3.23808046	3.43700493	3.64412609
2.42511261	2.32245189	2.9458889	1.69423504	1.94950791	2.67575244
1.00E-04	1.00E-04	1.00E-04	1.82295588	2.04091036	2.89082237
3.21124739	3.15681126	2.45237439	2.91842324	3.23764407	3.57576428
4.20956767	4.50550636	4.14247776	3.00736065	2.8270572	3.29866417
2.79621628	2.24154764	3.67806279	3.93938533	3.76890843	3.88366256
2.52346699	2.72516669	2.67314822	2.75294634	2.84265064	3.58230675
1.70745965	1.89096728	1.94733951	2.04677673	2.0814478	2.44441794
2.60086039	2.90383226	1.00E-04	1.85397806	2.65488019	2.0194045
4.24338076	4.32096036	2.26969129	2.09617654	1.84091105	1.31728769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33307364	1.00E-04
1.06695265	1.00E-04	1.00E-04	1.58889255	1.45327589	1.81659597
3.04584948	3.64664379	2.78944831	2.12030331	2.7814211	1.99094956
0.97937944	1.00E-04	1.00E-04	0.86317868	1.22871369	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	0.8365602
1.5636063	1.16896608	1.01811585	0.29016598	2.55759735	2.53834558
1.43632356	1.00E-04	1.00E-04	1.14232597	1.00E-04	1.00E-04
5.18230547	5.16962289	4.74842715	4.98010954	4.85184809	5.1277232
4.76911215	4.79891754	3.68273915	4.2686125	4.37765441	4.5670537
0.47010325	1.00E-04	2.18080119	1.87089079	0.90475492	0.21329315
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

2.72417302	3.10380951	2.58916728	2.82487145	3.16384376	3.40659523
1.00E-04	1.33316475	1.00E-04	1.00E-04	1.1290726	0.97973188
1.82463955	1.9935182	1.00E-04	1.09084609	0.72201431	1.62819212
2.10066028	1.51223648	2.37523392	1.19828758	2.32371014	2.79378534
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.97016628	3.0874711	3.24203353	2.83181693	2.91845998	3.52843751
0.09415495	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77364298
2.59351347	3.02615099	1.77763584	1.48564526	2.75536614	2.62694703
1.00E-04	1.00E-04	1.00E-04	1.62351472	0.95796928	1.32684117
2.0714644	2.63437349	1.06844428	1.87615688	2.29502501	2.49889003
3.3624647	3.49701825	2.93935231	2.75568776	3.41514958	2.8616095
4.03970329	3.46345983	4.01418332	4.40118097	4.19188799	4.42355442
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.50293912	2.96291748	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.86882552	1.24874059	1.27996271	1.00E-04	0.76339738	1.88281201
2.17751419	2.46199682	4.19453999	3.62602473	3.40403988	4.08912478
0.93000202	0.56456051	1.00E-04	1.00E-04	0.95362693	0.56183779
3.58720429	3.5626835	1.00E-04	1.84236675	0.79881984	2.10197205
5.01501131	5.23568613	5.5729342	5.4925225	5.45075626	5.55379007
1.20716751	2.29812434	1.93271424	1.26751092	1.52886784	1.99301923
4.35611936	4.36138356	2.69212	3.48906176	3.30925004	3.20531039
0.70825926	1.1095111	1.00E-04	0.6796518	0.52946269	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.66641237	0.57479248	0.16565788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.6853338	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.37325883	0.35063257	1.00E-04
1.42176708	0.75874508	1.00E-04	0.67882327	1.19338129	1.24902179
1.00E-04	1.00E-04	1.00E-04	0.37082421	1.00E-04	1.00E-04
1.00E-04	0.55591422	1.00E-04	1.24806571	0.25750812	0.36890356
0.55896898	1.00E-04	1.00E-04	1.00E-04	0.5046079	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.1186484	0.76814143	1.32854875
0.66023508	1.26338277	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.88011859	1.32429762	2.03123029	1.47946353	0.7758362	1.08781692
6.97440767	6.81528634	5.65450411	5.89763418	7.03672206	6.82248589
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.73786555	2.70465291	2.17960172	2.13045461	2.6144138	2.49524925
8.29566816	8.34344714	6.82340968	7.03049033	8.04993735	8.04454384
1.00E-04	1.00E-04	1.00E-04	0.69282833	1.00E-04	0.38032321

5.22368867	4.88927569	4.53338131	4.03163118	3.99825791	3.56904604
3.01494948	2.99327354	3.06863745	3.36733117	2.94505914	3.32572683
3.51492897	3.8459358	3.48257125	3.54508417	3.44058272	3.52842239
3.27351105	3.22926377	3.18726738	2.30451786	3.06923491	3.02003246
2.3414914	2.2582235	2.58499917	1.9667344	2.56976951	2.70485669
4.06125485	3.69309131	3.19408182	3.31449269	3.87779127	3.66474907
2.66883445	2.95442907	1.30789632	2.49703299	2.63540684	2.69384877
4.22119781	4.42792454	4.14722286	3.65840548	3.7068257	3.90604925
4.53990291	4.76717227	3.29122215	3.93488697	3.96289359	3.97160149
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.07419268	2.96204584	2.26969129	1.10819075	2.16543772	1.92713989
1.22234063	1.00E-04	1.00E-04	1.33279633	1.05751606	2.00189504
2.12659345	2.64817863	2.26969129	1.46788977	1.53081801	1.19237971
5.32801287	4.39107395	5.36365512	5.71324898	5.52189004	4.92823514
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.76813197	5.70195777	5.91300775	5.93788962	5.67694235	5.93816734
2.13166312	1.93093242	2.99585513	2.22663036	2.37993941	2.48350119
2.29941987	2.64327985	2.20751519	2.13678703	2.41917032	2.93117331
1.60122651	1.62682489	1.00E-04	1.17837045	2.57361526	2.270137
3.64074073	3.40123487	3.32310433	3.17956009	3.13881219	3.34193186
3.60795539	3.24440994	2.70996984	3.83791827	4.08381962	4.05799877
1.00E-04	1.00E-04	1.40283744	2.49598195	2.55334447	2.88594341
4.4617913	4.30216524	3.26923863	3.74670118	3.60106151	3.82553048
1.59557123	1.70814116	1.00E-04	1.00E-04	1.00E-04	0.7086839
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.14347773	1.65275068	3.39689641	3.0949168	3.18959956	2.85294223
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1826159	0.16236604
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.81244057	1.71348693	2.27114601	2.09890722	1.90830816	1.56557887
1.00E-04	0.86961246	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.45063673	4.91953467	1.00E-04	1.00E-04	1.55436303	1.72463454
0.1163586	1.26310343	1.00E-04	0.6391028	1.00E-04	0.53800788
3.00018609	3.06674958	1.00E-04	1.97314365	1.77545783	2.39616956
4.2634354	4.3096761	3.62280509	3.83011596	4.05319744	3.68393596
2.26584025	2.89134533	4.42863376	4.99017084	4.50307828	4.22832074
3.23333609	3.79909863	1.00E-04	1.0886161	0.72349982	0.8830104
2.49038247	2.73685945	2.24726389	1.00E-04	0.63771785	0.67441942
1.00E-04	0.93692023	1.00E-04	1.00E-04	1.00E-04	0.8864525
1.00E-04	0.78691146	5.39754674	5.28549132	5.51664514	5.1721313
1.05914541	1.00E-04	1.00E-04	0.7683823	0.89265971	0.49041951
4.54713458	4.96753232	5.01256427	4.93258044	5.30345184	5.38051728
2.68537011	3.27984684	1.00E-04	1.00E-04	1.00E-04	0.42453033
3.20010018	3.16312997	2.83493774	2.88135019	4.11064615	4.27334417

3.39484251	3.25141032	2.37523392	3.33034928	4.0021609	3.40748273
4.33302214	4.30046824	2.86608658	2.44168972	2.35548557	2.06778132
2.95361395	2.99491827	1.00E-04	1.00E-04	1.96527453	1.07531034
0.77866989	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.42575615	5.35022243	4.60385889	4.41517581	4.54919382	4.81014695
4.17266668	4.14527808	1.11518827	2.31485323	2.23380854	2.39010156
0.50369671	0.45691315	1.00E-04	1.00E-04	1.00E-04	0.38874354
6.56254485	6.37527048	4.94624132	5.3854895	5.28195728	5.5605075
3.30111289	3.70969249	4.04566075	4.64548283	4.41229843	4.50412077
3.43825667	3.49706082	3.31890072	3.28018968	3.40919438	2.90040101
2.26379597	2.00932249	1.00E-04	1.09763591	0.5515623	0.82056827
1.40796819	0.95272189	1.11518827	1.00E-04	1.00E-04	1.00E-04
3.25852821	3.74422282	3.52525709	3.02974221	3.02376533	2.92126034
5.25105847	5.237942	5.48838174	5.53783758	5.2201167	5.19119619
0.50369671	1.09905947	2.83365468	1.45168347	1.08469748	1.13015718
4.66412301	4.62500459	4.34242933	4.3106684	3.94808174	4.3110582
0.81455276	0.55591422	1.00E-04	0.91640475	1.51380718	0.3321585
1.43134523	1.34913993	1.00E-04	1.36556858	1.30480085	1.1551196
0.63402236	0.90571514	1.57238317	1.18558276	0.59964934	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.68157237	0.28680082
2.28986317	3.06352407	1.52319676	1.45111536	2.931932	2.34025678
1.00E-04	0.48794717	1.00E-04	1.00E-04	0.42757985	1.00E-04
0.95679329	1.52947405	1.00E-04	0.47758561	0.6902522	1.03218544
1.00E-04	0.40836194	1.00E-04	1.00E-04	1.00E-04	0.15671146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.71839897	2.02533389	1.00E-04	0.56968617	1.00E-04	1.00E-04
4.48797918	4.40096996	4.55346344	5.06341593	4.74818175	4.95196314
2.97787508	2.74675838	2.3363295	3.27728805	3.19637122	3.49253966
4.90353591	4.56511516	4.69831762	4.94571368	4.81330492	4.7907002
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.34027869	4.33181997	5.51080086	5.47511964	5.455637	5.60090819
5.33110254	5.41414684	5.04792785	5.6040406	5.27189789	5.68369163
6.61854464	6.5035496	6.26281436	6.10281025	6.22132622	6.37390748
5.24085671	5.19643722	4.94108206	5.04313582	4.77728945	5.03439854
0.64937513	1.00E-04	4.85829916	5.13298022	4.72279136	4.89279229
0.51477986	1.00E-04	1.00E-04	1.00781832	1.3357956	1.89465752
2.41810194	2.46710262	6.92621949	7.22649846	6.77514972	6.5742427
0.66023508	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.00E-04	0.57077907	1.28316224	1.28775344	0.45710963	0.75682992
2.85054699	2.86821291	1.00E-04	2.61859733	2.69529579	2.43117844
2.66513168	2.84245799	3.43061039	2.43267037	2.77738816	3.47827422
1.48481765	1.00E-04	1.00E-04	2.07899805	1.6238526	2.07611323

4.29197937	4.30251264	4.6925989	5.06241296	4.96951895	4.95593014
0.86580123	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.98443994	1.64049223	2.8081092	2.74110116	2.88309541	2.81736419
3.6932394	3.1506716	3.51440173	3.51566356	3.7268403	3.93018586
1.7773548	1.89702034	1.00E-04	1.43082475	0.94209401	1.060645
3.61407459	3.61345567	3.87762481	3.77752512	4.09179707	3.69928984
5.18906627	5.24179782	4.53551327	4.50850493	5.16721025	5.28022953
1.51191691	1.00507137	1.00E-04	0.92792463	1.88984584	1.2579695
3.15030337	3.28091719	2.02546493	2.22989857	3.47529682	3.26978039
2.30845258	1.46452614	1.00E-04	2.23304091	2.4463143	2.01854648
2.80443389	2.55402737	1.00E-04	2.26000669	3.25198977	2.94709322
1.48713932	0.71742458	1.00E-04	1.33901211	1.53630587	2.34764001
3.37504646	3.55830512	2.80471507	2.84703041	3.86662495	3.5052507
3.98864679	3.91593897	2.23642882	2.86708486	3.98366386	3.85797591
5.71772192	5.91552261	4.62931953	4.14063722	5.27073309	5.19544536
3.44108407	3.53587517	3.473555	3.77159224	3.75199478	3.81393658
1.4217015	2.02752219	1.42763756	1.54286268	1.50071106	2.48768335
5.16026439	4.88351306	5.50551081	5.90925491	5.77434054	5.49150035
3.80340976	3.71405307	4.50367272	3.91303564	4.13691517	3.94532113
2.25063202	1.67466339	1.00E-04	0.99803727	1.12881655	1.12423823
4.90808076	4.96224048	4.96295023	4.9212062	4.45398464	5.11492387
3.04468099	2.84368016	2.34134182	2.7121453	3.3928562	2.98281143
2.02006762	2.22662576	3.52113987	1.8873682	2.52097923	2.87627424
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.49041951
4.1841944	4.15016898	3.45728854	4.07011675	3.7587891	3.97095867
3.17254288	3.40303197	2.90440924	3.49944565	2.91353563	3.43136242
2.79679971	2.43418994	2.14411655	2.54904787	3.00754676	2.18620811
3.9289959	4.0560918	3.69173257	4.23072309	4.13063021	4.11970711
2.76107991	2.34388883	2.08611893	2.72330242	2.55815705	2.50404171
2.10010823	1.36397222	1.11518827	2.28375413	0.88060505	1.22576915
2.4596687	2.95224534	3.11053358	2.48766456	2.60464266	2.08634944
2.86392878	2.24876842	2.04595548	1.95857417	1.91280502	1.62168205
2.62485159	2.32643247	3.09194317	2.64463298	2.88432774	2.8669601
1.00E-04	0.5882165	1.00E-04	1.00E-04	0.62571237	1.00E-04
6.77287989	6.55923262	5.25679409	3.40296214	4.54044709	4.43649161
4.2549914	4.74436712	3.14133272	0.59034814	1.05696803	1.69453736
1.00E-04	1.00E-04	1.00E-04	0.79650495	1.00E-04	1.00E-04
4.09044304	3.69875515	4.01864972	3.71206549	4.38453808	3.95267557
3.53766221	3.5450496	3.30209675	2.81601599	2.78081539	3.47768374
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.53198928	4.28331462	5.12807571	5.31366894	5.24315486	5.14829972
3.90489496	3.78858118	5.48090269	5.8729667	5.16852327	4.87475449
1.85422537	1.8874491	2.04027175	2.14632604	2.18852185	2.22543729

3.77216601	3.87146944	2.34564702	2.89752177	3.54999124	3.8818002
2.00697637	1.85624483	1.00E-04	1.08344201	1.73646705	0.86085381
2.83391788	2.74704799	3.57158633	2.71770085	3.17864722	3.23733694
0.09415495	1.86591963	1.00E-04	2.38923457	2.65385552	2.11108912
2.58613888	2.80457303	1.82687244	2.15871703	2.80960248	2.88990882
0.5256597	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.88342679	1.05187075	1.00E-04	0.95864566	1.34563604	1.00E-04
0.7048471	0.62160043	1.40283744	0.72411675	0.5046079	1.5271081
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21329315
3.20911274	3.08727413	1.92782151	2.8481067	2.90561357	3.59838961
1.00830064	1.50265859	1.9269107	2.21254109	2.49671818	2.01221537
4.83498662	4.95279562	4.04384664	1.69710406	2.6880572	2.17032757
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12854881
3.04724095	3.20171819	2.11474001	2.89168924	3.35339605	3.48770591
2.95015702	2.76443412	2.84324984	2.15559679	3.32156097	3.17189603
3.25723794	3.39764976	1.27996271	3.11191102	3.63022365	3.33177722
1.80065293	2.13176373	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.73017762	1.00E-04	1.00E-04
4.60110754	4.37769552	3.2062026	3.53182952	4.54195461	4.56991738
3.59057526	3.67762303	4.12658438	4.32805883	4.41261925	4.80098715
2.97849056	3.16336582	4.14816039	3.503412	4.26099948	4.75033449
1.78168754	0.93876078	3.1892903	2.48252879	2.67185381	2.5340912
5.3222123	5.3344768	5.16908746	5.04148616	5.08866421	5.32087817
4.24444426	4.09665491	4.22117837	4.64392158	4.85761631	5.12281507
1.11609167	1.2603719	1.00E-04	0.25428292	0.91552193	0.65091053
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.99499581	3.56052584	3.48523396	3.85613699	4.02654738	4.27231164
4.40722727	4.60259258	4.0960178	4.54800564	4.37830618	4.38081542
2.37129335	1.504415	4.03495123	3.83558512	3.45837998	3.3768348
2.47670651	1.79721534	1.94735412	2.66209683	2.87062184	2.93083239
5.20517822	5.04488942	4.67511068	5.05012293	4.8825304	5.02999174
2.59421018	2.74003344	1.30789632	2.51076123	2.7646031	3.17672998
1.90188274	0.98132019	1.00E-04	1.83119523	1.19704734	2.35554694
2.06398162	2.59431528	1.00E-04	1.54028204	2.53344793	3.03655207
1.5894946	2.27330291	1.00E-04	1.84353759	1.72744435	1.73620951
2.48810355	3.0508079	2.33701286	2.42705163	3.01815613	2.64723916
1.4441805	0.86400336	1.01811585	1.97300315	2.43582957	2.17640665
2.23701367	1.73185911	1.00E-04	0.79512331	1.38680666	0.87057004
4.45678897	4.37763714	4.4971575	3.53245358	3.67230344	3.39162286
8.18171075	8.3731017	7.35328525	6.53350003	7.97229895	7.70678952
0.94867784	1.75514679	1.00E-04	0.6981818	1.4939725	0.7909102
1.00E-04	0.75874508	1.30789632	1.00E-04	0.50435742	0.64196381

5.44942909	5.23252059	4.78969282	4.95235211	5.1011296	5.23630543
5.35521267	5.19087729	5.27720307	5.75500137	5.67846247	5.20567439
3.19373962	3.57243	3.69059943	3.62790594	4.0486252	4.11959062
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.19448812	3.26520635	2.81056426	2.54309591	3.4705276	3.28531312
2.43607573	2.45657226	4.26197594	3.71757266	3.8190189	3.59253852
3.28251134	3.55078094	4.31291597	3.47783165	3.66601686	3.92710384
4.17486175	4.42422911	4.30814077	5.00410089	5.0872194	4.99320047
2.66007501	2.69910227	2.72208578	3.44547703	2.84923651	2.73606848
3.01319153	2.76969359	3.34537317	3.08066711	3.22272471	3.37742328
5.26449507	5.44369435	4.12077192	3.97573783	4.56477967	4.76350646
2.64008292	3.24265139	1.11518827	2.78625401	2.29846153	2.95527347
2.39117179	2.67501812	2.39703798	2.2273158	1.49568607	1.48484981
3.16057779	2.84859972	3.12576199	2.33425816	2.76888956	2.45303055
2.63399479	2.78763086	3.58282355	2.22293609	2.93189861	2.66387074
3.25415318	3.26331551	2.35241616	3.37740868	3.18371473	3.52552366
1.43910191	1.19226022	2.00743688	1.89867104	1.46289073	1.16699316
3.905925	3.9532259	5.69870812	5.91107419	5.60383368	5.38874772
3.91169739	4.09019543	4.21143182	3.9157842	4.17442529	4.11780854
4.84484272	4.90559047	3.60666401	3.9068065	3.96206531	4.36119043
1.84607558	2.29205585	3.64907072	3.46219021	3.51657912	3.19314212
3.84692069	3.96637527	3.52802741	4.52778602	4.031332	3.99635152
3.34428156	3.52098813	2.40319611	2.87673131	3.34827533	3.57908465
3.39186737	3.1177619	3.2554018	2.28049181	3.62506923	3.3792641
5.09458377	5.23413642	4.76462002	5.05639723	5.14016754	5.07021193
3.63373308	3.03503309	3.33569466	3.53608788	3.60342649	3.33190384
3.63383831	3.56472904	3.79058934	3.42506758	3.55274472	3.30135652
3.43936119	3.35559033	1.88729871	3.25704143	3.23126827	3.26805578
3.4087248	3.55069108	3.59089633	3.04953679	2.95102175	3.16333492
3.83546304	3.66353977	2.98869167	2.36561555	3.45817229	2.8286168
3.39485935	3.05120001	2.39380879	2.69756736	3.22788089	3.09555196
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.47878358	3.86327493	3.32263277	2.70270794	3.35054958	3.4087927
3.7504995	3.90658012	2.94239551	3.10634694	4.29774332	3.87946814
3.13618931	3.61921988	3.00487457	2.53445251	3.49454725	3.67886312
3.07607426	3.2188685	2.8338956	2.67885295	2.23404973	3.0762307
4.62398341	4.79311264	4.50303225	4.56292734	4.41727154	4.41152983
5.10557655	5.07808122	5.01087981	5.43967866	5.4555147	5.42692014
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.99396082	4.04147877	3.8640219	4.02824595	3.40598692	3.28684451
4.16422414	3.38813383	2.54080566	3.64843325	4.47462664	3.82187728
0.72289751	1.13803913	1.00E-04	0.79512331	1.74118388	1.4165235

0.62371872	1.00E-04	1.00E-04	1.00E-04	0.28259342	1.00E-04
1.88141456	1.60304191	1.00E-04	1.00E-04	0.72805215	0.35948108
1.00E-04	1.00E-04	1.00E-04	0.25428292	0.67164271	0.34272783
5.57976265	5.60569744	5.96835261	5.96625061	6.01537631	6.18495141
0.68653203	1.01349678	1.28609943	1.58245532	2.30759641	2.03504038
1.00E-04	0.57176089	2.00743688	0.59574527	0.92443211	0.61754559
1.00E-04	1.00E-04	3.34080277	4.3975974	3.69488594	3.22940293
2.1752095	0.66201723	1.00E-04	2.4792472	2.49014249	2.57424654
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.45337907	2.53030929	1.27996271	0.73880186	2.28779081	1.75668579
2.05381067	1.35149481	1.00E-04	1.23535327	1.74473262	1.71278955
3.20229786	3.36796761	3.90484982	2.48638206	3.31252845	3.8604855
2.75955358	3.06884537	1.00E-04	1.67966738	2.20462302	2.31015855
0.83187751	1.00E-04	1.00E-04	0.51984117	1.63736342	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.81150349	2.4118053	1.11518827	2.16871497	2.43237566	2.98989232
4.60963493	4.45965046	4.3698592	4.10770003	4.67777575	4.91513669
3.79068224	3.9063761	3.4673163	4.53432824	3.64616684	3.67371606
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.11609045	2.64613105	1.96479434	2.71945969	3.12662707	3.3239869
1.00E-04	2.03098727	1.00E-04	1.12487362	1.44243512	0.76947119
0.97851398	1.00E-04	1.40283744	2.09357468	0.42160556	0.83353181
2.18192825	2.07290023	1.00E-04	2.82831079	1.46305613	2.3521799
4.74417266	4.77155727	1.91026073	4.22829585	3.67044784	3.96713156
2.75540331	2.57879326	2.76661725	3.16933842	2.62836373	2.50729086
4.44456941	4.05987612	4.85112788	5.05951955	5.40122822	5.46213853
3.48542121	3.77801794	3.5325301	4.22175927	3.60340077	3.61816248
4.66171726	4.6110832	5.00964163	5.31167473	4.76474947	4.7674358
3.82626593	4.20299565	4.06147574	3.48832141	4.08713455	4.34351536
3.42671576	3.71158083	3.2795161	3.19499225	3.65149077	3.72493842
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.22065482	1.02134099	1.00E-04	1.4093979	1.42091535	1.90429298
1.00E-04	1.00E-04	1.00E-04	0.91029899	0.36372495	0.38032321
0.98426472	1.85456644	2.86312652	1.65329373	1.2574862	1.32834725
4.91991161	4.87144308	4.55187988	4.92149287	4.7809361	4.80186328
0.64095015	1.04057748	2.00743688	1.00967889	1.70560729	2.35160709
1.00E-04	0.67399315	1.00E-04	1.1245101	0.57729189	1.45260247
1.96656132	1.55055451	1.60160529	3.30005427	1.78444794	2.04960781
3.42880264	3.1751557	2.69992195	4.30553556	3.48813101	3.71886565
4.06747764	4.18376324	3.65463795	4.34279847	4.01574368	4.35963141
3.89493568	3.64640563	3.05411075	3.46793818	3.59172316	4.01176447
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.50116042	2.75581167	2.50074287	2.23041959	2.62196045	2.96638401

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.74417109	4.5017628	4.91210855	5.07223807	4.61552817	4.83160127
0.88616196	1.47250394	1.06844428	1.67109655	0.80081942	1.3313349
1.00148903	1.00E-04	1.6068095	1.00E-04	1.00E-04	1.00E-04
1.81500497	2.26501126	3.39082193	2.72301363	3.38378634	3.6760476
3.57889756	3.34592006	3.34884258	4.29414679	3.95122788	4.30099832
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.39725858	3.48481124	2.38427427	2.89325214	2.84856515	3.02871157
1.00E-04	0.76935954	1.00E-04	1.08724523	0.66694363	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.46085181	0.24009666	0.26606919
2.92388131	3.31679686	3.02529624	2.76406838	2.45747218	2.83263202
1.18713781	1.49116897	1.00E-04	1.7832978	2.22474962	3.25724245
2.10666126	1.16838738	1.40283744	1.00E-04	1.10899014	1.4406317
2.09007458	2.60726936	1.00E-04	2.49583931	1.41881553	1.55119955
2.73372395	2.63336678	1.38754516	1.87082752	2.30506224	2.58947082
1.00E-04	1.00E-04	1.00E-04	2.56046569	2.84766436	2.45547133
3.48891738	3.27365151	2.98621446	3.47722128	3.92198247	4.19186475
0.86120425	1.00E-04	1.00E-04	1.00E-04	0.63767272	1.00E-04
1.36866944	1.11152371	1.00E-04	1.05428552	1.00E-04	0.78705717
1.00799032	1.14068526	1.42763756	1.72503299	1.81896745	2.13923454
1.54780759	1.06381005	1.00E-04	1.41494439	0.65334627	0.21329315
0.51186136	1.31102767	1.00E-04	1.81432883	1.8269621	1.9084864
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34578266	0.5579205
0.45390172	1.00E-04	1.00E-04	2.04001582	1.40935049	0.30788028
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.33144696	3.41996628	4.05334908	3.73552971	3.9904024	4.28469373
1.18982899	0.566323	1.00E-04	1.00E-04	1.27114577	0.36890356
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.59817951	4.53848123	5.96866657	6.03515444	6.14187487	6.06713327
3.82636852	3.98458132	3.95713882	3.85814452	4.12788331	4.38886117
1.24056943	1.99362457	2.74128473	1.94489534	2.26523602	2.96181
4.12927462	3.7748868	4.34398526	4.36613857	4.28024198	4.23910203
5.24262964	5.16973465	5.55172987	5.61244321	5.32090604	5.39294118
0.93747444	0.9146952	1.00E-04	0.56399031	0.31845152	0.9729679
3.58963201	3.74265775	3.94819015	3.51314324	3.58474179	4.05624617
1.0928675	0.87700528	1.00E-04	0.29016598	1.39138007	1.09613671
1.29855186	1.63317593	1.74110187	2.18156034	1.85875777	1.02471248
5.24381181	5.35484074	4.18214126	4.20212271	5.27668833	5.37239207
2.55919805	3.13320217	2.05488802	2.27352493	2.78363425	2.92579771
3.21328309	3.43189587	2.65665121	2.94846995	3.23726548	3.08316983
2.99482819	2.87875635	1.8855032	1.98068047	2.86856887	2.82652523
2.04900553	2.23886563	1.00E-04	1.87448135	2.38935931	1.51154914

4.16784555	4.0219845	3.53877961	3.27122121	3.78911896	4.05497898
3.629511	3.80401177	1.73310115	2.84472869	3.1809507	3.03064369
3.27597726	3.41756759	3.32863323	3.47559064	3.23875982	3.22874143
4.41396682	4.67733101	3.13023699	3.40113103	4.89855202	4.67589298
1.3246561	1.37220736	1.84960269	1.34170967	1.02449616	1.42191083
2.72341007	3.24345026	2.0050073	2.89036368	3.19941412	2.84858793
3.60464299	3.80099181	3.83598163	3.51314025	3.57607443	3.96381671
1.99457005	2.78027739	2.45072762	2.03736869	2.51822828	2.75522882
2.74572765	2.150665	1.00E-04	0.73009816	2.02416991	2.39185762
1.89938962	2.91694259	2.98527402	2.82345469	3.06039311	3.26092248
2.05221176	1.77648685	1.00E-04	1.34835641	1.36360844	1.22120792
2.5132433	2.33367102	1.9269107	2.38144422	2.6718597	2.9124982
1.3665488	1.69754797	1.00E-04	1.24568264	1.53962861	0.96484027
3.20219394	2.55637391	2.91405267	1.9696253	2.43635698	2.69991297
0.8682204	1.00E-04	1.74110187	0.86014803	1.00E-04	1.00E-04
3.44100907	3.71328203	4.16859448	3.71600453	3.54920713	3.42700611
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.11518827	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.99030507	1.00E-04	1.00E-04	1.57979369	0.17279347	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15137331	0.65200641
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.11193429	1.47424861	1.00E-04	1.00E-04	1.00E-04	1.09025865
1.00E-04	0.67227121	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48913524	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.8612427	1.00E-04	1.00E-04	0.343361	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.30569673	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.62690381	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.6796518	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.40836194	1.00E-04	0.46633175	1.00E-04	0.62242987
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.83899949	0.88128222	1.00E-04	1.00E-04	0.41961083	0.72825032
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.44788984	1.88414207	2.71314232	1.78180999	1.30255526	1.42643996
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.64219475	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.96008477	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.95217027	1.17110603
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.8444645	0.4887782	1.00E-04	1.00E-04	1.14762279	1.2263189
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.0823475	1.11518827	1.00E-04	0.35400979	0.40419223
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.65481446	0.89451126	1.11518827	1.00E-04	0.76441298	1.43754681
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35400979	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.12413672	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.81392237	1.00E-04	1.00E-04
0.65481446	0.70638095	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67633377
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72917597	1.00E-04	1.00E-04	1.00E-04	0.18229203	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.75008908	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.343361	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.44777316	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.7014865	0.76259626	1.00E-04	1.00E-04	1.00E-04	1.2187031

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.21614596	1.00E-04	1.00E-04	1.28510394	0.08158092	1.15014146
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.1324183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.5579205
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.11518827	1.00E-04	0.47330183	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.25428292	0.69017734	1.97752719
1.00E-04	1.12787806	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.40555046
1.00E-04	1.00E-04	1.00E-04	0.46633175	1.00E-04	0.81625573
1.00E-04	1.00E-04	1.00E-04	0.59034814	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.97027046	1.00E-04	1.15441757	0.52155527	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.84528238	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.37724529	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.97219021	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.76393893	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.65068802	1.38754516	1.00E-04	1.00E-04	0.72825032
0.24405756	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.41929553	1.00E-04	1.00E-04	1.00E-04	0.92594064
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.96429838	3.13773123	2.69180746	2.7301298	3.10154642	3.57923433
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.57077907	1.00E-04	1.00E-04	1.03207013	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.16384923	1.00E-04	1.00E-04	1.00E-04	0.25940884
0.5798625	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.85783963	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.55880742	1.00E-04	1.00E-04	1.00E-04	0.85366362	0.25940884
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.61145469	1.00E-04	1.00E-04	0.33052186	1.00E-04
3.58868533	3.76885308	2.85471303	3.62497798	3.59754598	3.40223963
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.17637488	1.00E-04
1.00E-04	0.49626678	1.00E-04	0.45991406	1.00E-04	1.00E-04
3.87175191	3.30723152	3.55030113	3.86445537	4.15730079	4.32601167
1.29001496	0.64276374	1.99856393	0.9260152	0.90005962	1.14328711
1.00E-04	0.8399133	1.00E-04	1.00E-04	0.84197182	1.00E-04
5.02218606	4.96892271	4.92851675	4.80739075	5.07130723	5.26887042
0.09415495	1.00E-04	1.00E-04	1.55011517	1.16662609	0.92842935
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.3321585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.20527357
0.33099482	0.86356763	1.85579326	1.69975763	1.82103828	2.16816348
1.47877586	1.54667359	1.00E-04	3.37276127	3.1178793	2.79579763
1.00E-04	1.20791759	1.00E-04	0.24834324	0.26331377	1.00E-04
0.43348473	0.79522037	1.00E-04	0.55374781	1.09788894	0.82468498
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.13235227	1.00E-04
1.21205071	1.31160439	4.53520106	4.787795	4.33271014	4.18774397
5.56149938	5.41097542	5.53056045	5.6895822	5.35618921	5.46903482
0.47900737	1.00E-04	1.00E-04	0.90265252	1.00E-04	1.00E-04
5.46845212	5.48899444	6.28463147	6.53491099	6.34915693	6.31673117
1.00535433	0.64234672	1.00E-04	1.25455612	1.49490759	1.98491843
1.00E-04	1.00E-04	1.00E-04	1.29005767	0.15137331	0.28180951

4.56045742	4.4830832	4.75414788	4.74729551	4.77012407	5.08711643
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.544737	1.29761122	1.00E-04	0.65123185	1.47918549	2.2971072
1.00E-04	1.00E-04	1.27996271	0.9871368	1.00E-04	0.3321585
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.35151371	4.37505862	4.64132477	4.56392684	4.46185076	4.19732756
2.26295706	2.68075276	3.21808444	2.35770983	2.11597313	2.50467371
1.93885627	2.37479432	1.81104972	1.36243677	2.93528106	3.28758708
1.71313695	1.57923707	1.00E-04	1.00E-04	2.08470899	2.6684066
1.84213497	2.16311642	1.85693283	1.67392184	2.49767918	2.46900257
3.38925522	3.14181898	3.63105333	3.32436949	3.20397997	3.60199916
2.77316807	3.40405286	2.6784098	3.03457709	3.52824288	3.63507852
4.80282082	4.75799871	4.67223786	4.9763988	4.99570242	5.21271855
4.5251952	4.57044977	4.93558687	5.39295615	4.95806717	5.06399596
5.29649863	5.18778957	4.67186923	5.14419873	4.98771059	5.27940116
3.15009721	3.41673221	2.69591723	2.75402769	3.35371313	3.64250853
2.55666015	2.38995968	1.00E-04	1.9367136	2.48948535	2.40040906
3.97075079	3.18614087	3.8754069	3.53254083	3.76957662	3.83452298
2.32523446	2.64381367	2.09648582	2.68018011	3.09872604	3.10352169
4.53945723	4.51151941	3.63988895	3.09414763	3.22258638	3.33289063
2.62764172	2.78043856	1.00E-04	2.52684728	2.51831542	2.84289887
4.5078721	4.44495847	4.31421758	4.58739398	4.49959977	4.75457932
3.52627576	3.4500771	3.28703014	3.47932702	2.52567869	3.15892048
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.53238302	1.00E-04	1.00E-04
1.00E-04	1.18727395	1.00E-04	1.22338367	1.00E-04	1.00E-04
3.22651518	3.72345102	3.99083117	3.26731985	2.98251917	3.7761637
1.03009243	0.92824231	2.16483827	3.29733989	3.09950082	3.09293499
1.00E-04	1.00E-04	1.00E-04	1.02253817	0.48990685	1.29181925
0.37059428	0.65781836	1.00E-04	1.50056809	1.24224677	0.7138216
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.5315373	3.17178283	2.5216018	2.62814466	2.84080705	2.47497517
3.12092981	3.66764011	3.44910186	3.19825299	3.03092677	3.42874117
3.8384705	3.56436728	3.34306624	3.39193887	3.42391833	3.82642305
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.96149399	1.71388048	1.00E-04	1.97377592	1.77661811	0.71768706
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.84594541	1.00E-04	0.70120444	0.26331377	1.00E-04
2.38714613	2.44548533	1.00E-04	1.30283735	0.84358894	0.65519325
3.8425161	3.95422085	4.29124839	4.49867868	4.61122489	5.07314578
1.29536948	1.00E-04	1.00E-04	1.3735551	0.99205261	1.09283436

1.00E-04	1.00E-04	1.00E-04	0.46085181	1.05671035	1.00E-04
1.26433494	1.52626064	1.00E-04	1.40494654	1.7962291	0.98801613
0.1163586	0.90571514	1.01811585	1.00E-04	0.71496865	0.6363741
1.59280321	2.10323474	1.00E-04	1.68709385	0.57703951	1.00E-04
3.05794918	3.71123402	5.00137774	4.22878569	4.94265615	5.11940473
3.13358019	3.36119483	2.48027168	3.21404696	2.75011689	3.13150334
3.09695336	3.17601445	1.28316224	2.6392132	3.07483125	3.45560837
3.08502044	3.29734724	1.30789632	1.37934881	1.70672168	1.54096175
0.32831434	2.43179455	1.00E-04	1.00E-04	0.29267263	0.98565474
2.84776956	2.65287679	3.19020762	2.43618787	3.55599398	3.93034234
4.66678551	4.5887455	2.6525243	2.3709596	2.54247999	1.99873232
2.03896127	0.68630804	1.00E-04	1.80929154	0.74773056	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.14912336	1.00E-04	0.43189376
1.00E-04	1.00E-04	1.00E-04	0.75133275	1.00E-04	0.29591257
1.27153623	1.00E-04	1.30986649	1.00E-04	1.60842995	1.00E-04
4.83829971	4.79548719	4.77650741	4.03428171	5.43004061	5.38701367
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.47115679	3.75736508	2.82704682	3.82033938	3.22231956	3.01465627
3.66321173	3.7550479	3.72228473	3.47265092	3.82796758	3.591327
3.07087556	3.14064165	4.52098083	5.23720819	4.79342576	4.18372818
2.08948781	2.53245892	2.73753229	2.69608882	2.66261955	2.25934211
2.81535392	3.42391555	2.96241929	3.03143144	3.3973004	2.65043262
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.54237739	2.6395676	3.13049298	2.31205971	2.23943322	2.31305108
2.96932395	2.53558486	1.11518827	2.15507064	2.49372756	2.60495798
2.86300335	2.67642398	1.40283744	1.32466935	2.41223493	2.45929127
3.14901689	3.10063411	2.8677671	2.48518487	3.06718521	2.42113033
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.46085181	1.00E-04	1.00E-04
1.69961284	0.65326668	1.00E-04	1.40902259	0.55343684	1.00E-04
0.92349562	1.00E-04	1.00E-04	1.00E-04	0.72030172	1.00E-04
1.34360812	1.6209139	1.00E-04	0.97811293	1.15995081	1.75651237
2.90459401	2.33522888	1.9269107	1.78051194	2.98230276	3.26527997
0.71720198	1.00E-04	1.30986649	1.17432339	0.12413672	0.38578366
3.04012043	2.68739651	2.73347854	2.72769138	2.70645587	2.84344609
3.4772182	3.59610059	1.01811585	2.60840469	3.3309668	2.4108332
1.00E-04	1.00E-04	1.00E-04	1.35228457	0.70381228	1.00E-04
4.49821234	4.0294699	4.70483144	4.70452846	4.75399802	4.33825446
4.22928231	4.29822507	3.93527224	3.94103806	4.22971473	4.5448091
2.76768117	2.77277697	1.00E-04	2.51831142	1.81555989	2.78896443
4.90442089	4.97128501	4.41208904	4.4822198	4.70912412	4.96516091
4.32536823	4.56087113	4.22459416	4.17661351	4.21389664	4.59235671
1.11230637	1.00E-04	1.00E-04	1.00E-04	1.50976108	0.40709304

5.33593501	5.24664843	4.794882	5.4185509	5.06159424	5.14596363
4.94252981	4.85397237	4.46955733	4.23250509	4.33813703	4.48314563
2.70993494	2.55122294	3.55419178	3.3235982	3.60822299	2.76169015
1.83295917	3.00054805	2.05395321	3.16904391	2.77682356	3.36444939
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.2878742
2.03913268	2.71428749	1.30789632	2.12416448	2.05063516	2.04156898
3.08899097	2.61919026	3.03774983	3.84051517	3.97602604	4.03145816
1.48363361	2.39965747	1.00E-04	1.00E-04	1.00E-04	0.53092511
1.2779231	2.0974577	1.00E-04	1.9629143	1.88453781	1.21578642
0.40515069	1.35461756	2.04595548	1.53779364	1.54430027	1.48976761
4.06636993	4.21182001	4.56552537	4.32220662	4.15199406	4.37738547
4.62792596	4.33347162	6.0238149	5.949369	5.88371809	5.82779583
1.00E-04	1.62679771	1.00E-04	1.09896052	0.95757605	0.38032321
4.4823558	4.47056408	3.82689506	4.4184994	4.74213946	4.88068146
1.19641341	1.53911434	1.00E-04	1.00E-04	1.38847145	1.00E-04
0.40515069	0.49626678	1.00E-04	0.64324128	1.09751556	0.35948108
2.64663646	3.22738671	3.09438095	3.05113328	3.08500791	3.57617197
3.2166459	3.09380533	1.30986649	1.78533136	3.27988502	2.83655244
3.56411595	3.82501337	3.26017644	3.4900298	3.59728411	3.88820408
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.44894366	1.06932668	1.08601549
4.74978926	4.83739454	4.85554329	4.88076683	4.86819839	4.94651098
3.10498863	3.53436602	2.78696245	2.48939939	3.06130795	3.51727405
1.02169065	1.00E-04	1.28609943	2.18804906	1.05751691	0.88595001
4.75269527	4.88976444	4.81851977	5.45610802	5.46574978	5.31063499
6.20878594	6.02021901	4.74912707	4.62176959	5.1096827	5.12873721
2.58799508	2.54124491	2.51650057	2.71145962	2.52711204	2.64120385
2.92921666	3.1776826	3.30885981	1.751418	2.55746618	3.05024752
1.49697748	1.00E-04	1.00E-04	0.97570884	1.00E-04	1.00E-04
4.48964391	4.44198909	4.34741374	4.21057797	4.23478812	4.20423486
2.93309935	3.79836761	5.65063908	5.85940128	5.93858508	6.06418805
0.64135016	2.5711291	2.08421616	1.98649966	1.90912822	1.74424232
1.54027121	1.00E-04	1.00E-04	1.24042921	0.5021994	0.57907525
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.08936024	2.16491766	2.04367562	2.23289828	1.9936812	1.92891154
4.41493838	4.28445669	1.27996271	3.53994525	3.87063273	3.89170484
2.47316209	1.76586701	1.06844428	2.18134494	2.07557714	2.06625978
3.09885607	3.40612645	4.14268159	4.30791874	4.07644308	3.97920326
3.12045949	2.79802123	1.00E-04	2.23216768	2.54442887	3.03604868
1.24128845	1.77435248	1.27996271	1.05244994	1.44853387	1.49427948
2.83948896	2.39630215	3.60725973	3.15987367	3.20130541	3.38032823
2.12167201	2.49787892	2.46185598	1.99088656	1.784548	2.0514955
2.72755981	2.82884081	1.75472403	2.46484497	2.68848102	2.96148364

3.50557671	3.57435092	3.6079478	3.88007655	3.96618726	3.54384538
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.88467876	2.86690276	2.9347311	2.58466472	2.78447137	3.36378589
3.98839902	4.26453111	4.42462285	4.8158232	4.63325018	4.66684387
1.00E-04	1.00E-04	1.00E-04	1.35173052	1.4549629	1.44891845
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.1163586	1.61516374	1.00E-04	0.55176112	1.29558751	1.78727315
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1.11107126	1.73290772	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.50776922	0.15671146
0.40762605	1.077431	1.00E-04	1.72031157	1.76333037	1.793942
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3.38692167	3.67490064	1.97484589	0.69241499	1.38317982	1.38809043
0.92422508	1.11652635	3.51585252	3.25113761	3.33571875	3.22128568
4.32537747	4.44521311	4.38796492	4.21769767	4.91547804	5.08769339
0.44087771	0.86067462	1.00E-04	1.00E-04	0.32525259	1.40954086
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.24478141	2.08618055	1.00E-04	1.93822247	1.1029147	1.28628477
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1.97735085	3.04478767	2.74571359	2.4173045	2.4941099	2.36198264
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1.00E-04	1.00E-04	1.00E-04	0.47606859	1.00E-04	1.00E-04
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1.00E-04	0.52991195	2.56428664	1.3535686	2.60316075	2.81177357

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2.25931349	1.23087624	1.00E-04	2.75504453	1.24331726	1.79463995
5.01646204	5.1008482	5.15542672	5.38046507	5.08596263	5.13520607

5.34687247	5.04102253	4.9825562	5.23824223	5.27360632	5.30332246
5.52415002	5.44620381	5.81490892	6.15238277	5.76069292	5.71238796
4.14812713	4.37661879	4.91206661	4.88069817	4.73507105	4.75653361
5.32772599	5.03230672	5.84277603	5.75258064	5.43237274	5.58805822
3.13622176	3.16277288	3.19667353	3.29731076	3.09736844	3.72058955
1.3073128	1.42498241	1.91181319	1.61428182	2.1869779	1.90439831
3.70561654	3.69570923	3.588651	3.66120454	2.9214512	3.09332099
4.22997419	4.25571856	3.94355346	3.96995858	3.98237315	4.04573667
4.98435735	4.77753104	4.22173132	4.32081977	4.86480807	5.04479762
0.73667733	0.65423914	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56456051	1.00E-04	1.20807623	2.01410095	2.24136351
3.94519672	3.83021245	3.95120084	3.98680006	4.22357704	4.18821772
3.84654477	3.70232487	3.36635984	3.19830179	2.89911488	3.71595129
5.05461279	5.12973488	4.61770006	4.53959551	4.99093637	4.93914086
2.92018896	3.04036896	2.87806533	2.41629577	2.90677942	3.34162912
4.26159354	4.48557179	4.18205648	4.30221965	4.43318454	4.41813216
1.83272291	1.2821784	1.87127713	1.57062678	1.73932104	2.40088342
0.53612888	1.00E-04	1.00E-04	0.52265047	1.00E-04	1.00E-04
3.68194544	3.89373929	3.27205785	3.52481063	3.91032862	3.71267852
3.45328836	3.60028807	3.40380123	3.83671327	3.20201954	3.68556593
0.15907666	1.58497432	1.00E-04	1.25686515	2.29335237	1.29454943
2.96784892	3.55229598	3.02970233	3.15075802	3.04467149	3.51478655
3.51256978	3.74446381	4.17731502	3.34482615	3.80499498	4.00195804
1.00E-04	1.00E-04	1.00E-04	0.84528238	1.00E-04	1.00E-04
0.50261167	1.00E-04	1.00E-04	1.51613681	1.30597267	1.70787511
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.65822961	3.65469174	2.86178077	3.20736328	3.63857118	3.68368202
0.82204417	1.00E-04	1.30986649	2.46049855	1.00E-04	1.00E-04
4.01356119	4.26987138	3.82924056	3.87630949	4.66010941	4.72496271
4.47801195	4.3387974	3.56566775	3.23151877	4.62299944	4.33129265
3.9192514	3.86623802	3.98389076	3.59340855	3.80898465	4.04974201
3.50308595	4.03748075	4.23952504	3.41847763	3.56144437	3.75941717
3.57402818	3.47513754	2.76946453	2.88475357	3.56999807	3.18183704
2.8302464	3.17350409	2.26612997	2.35866788	3.1085605	3.12476911
4.02386475	3.98680861	2.39560749	2.75403526	2.85063827	2.67871705
2.38566843	2.87156951	1.01811585	2.54236348	2.29036935	2.65107316
4.03082844	4.28677797	4.76817001	4.22962309	3.93146163	4.06016726
1.25928222	2.05745898	3.86154774	4.17837876	4.13121306	4.09736565
3.93204539	4.13839116	4.4639357	4.07821039	4.11198541	4.0516812
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.30764686	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.16373716	1.00E-04	1.00E-04
4.48736821	4.43469297	2.21731007	3.95546755	3.88289922	3.97733209
0.48875286	0.44747489	1.00E-04	1.53147134	0.86564333	1.45218967
3.31487226	2.73189159	3.0517204	2.91839618	3.2738642	2.97845663
4.60967565	4.62769148	3.98549499	4.73282788	4.77586802	4.72088323
4.71286487	4.82695989	4.25568242	4.91393774	4.60347973	4.94184002
4.26497814	4.5097987	3.51631092	4.28040583	4.29584093	4.41598352
3.08422079	2.53406147	3.31360642	2.51741873	2.73655879	2.94724006
4.10048708	4.44811018	3.53337883	3.82805297	3.73492701	4.15993851
2.18786574	2.45117177	2.12518726	2.27866743	2.88487727	2.50138224
4.28849177	4.25016372	4.59430592	4.57016705	4.6324077	4.39361775
5.07504073	4.81703231	4.91032645	5.13600102	4.7975736	5.04350756
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.81998432	3.08178667	2.26696998	2.1905755	2.80489798	2.8999474
2.61706943	2.70330371	2.61044065	2.97441267	3.08625245	3.13996277
1.72889402	2.3388232	1.60160529	2.14546103	1.58581561	2.68640169
1.00E-04	1.00E-04	1.30789632	0.70120444	1.26740618	1.00E-04
1.74299049	2.08313656	4.8646434	5.16668855	4.80371832	5.09914743
1.00E-04	1.00E-04	2.37523392	1.28455686	0.33647818	1.00E-04
3.93328817	3.87071604	4.89742835	4.70854176	5.06924799	5.30499666
2.08653279	2.35231928	2.30405464	1.95851939	2.37441136	2.72863929
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.71291972	3.71210712	2.79499023	2.90145704	3.4573994	3.53457384
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.22206006	1.00E-04
0.63162278	1.04007409	2.33252292	2.19264309	1.86259907	1.86570419
2.09766761	1.28032433	1.00E-04	1.00E-04	0.12723689	0.76253427
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.43829196	3.5968069	1.00E-04	1.01777462	1.13258575	1.00E-04
0.34600017	0.98813545	3.92594167	2.33865546	1.8081872	2.32876392
0.34600017	1.00E-04	1.40283744	1.00E-04	1.00E-04	1.20151443
0.83244705	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.19762865	3.0898738	2.95783793	3.94291015	3.83497375	3.85525136
1.1416182	0.7349726	2.08421616	1.44403867	2.25484708	1.39984902
3.41522773	3.46725556	3.56433882	3.97538182	4.18927073	4.11879972
3.27439827	3.51386593	2.54080566	2.90035643	2.81655235	2.89407765
1.00E-04	1.00E-04	1.00E-04	1.53247415	1.00E-04	1.00E-04
3.63196927	3.48354053	4.14000752	3.53246733	3.83199292	3.78347064
4.92168213	5.05026912	4.7519764	4.96404185	4.84934358	5.10548387
3.52232595	3.45753865	3.23718477	3.35680322	3.84670562	3.52988068
3.31104003	2.79744142	2.34604532	2.84120128	3.45345038	3.44740354

1.00E-04	0.44867039	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.48013639	1.00E-04	1.00E-04	0.55778337	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.70335688	1.00E-04	1.00E-04	0.87693458	1.23106538	1.00E-04
1.00E-04	1.00269796	1.00E-04	1.53621793	1.49209056	1.98731924
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.67937012	3.59467005	1.83054554	1.80130889	2.61052903	2.55310939
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.805797	2.97930461	3.0785211	2.56343026	2.34985431	2.55937872
3.79684872	3.66762039	1.98685244	2.91616061	3.41395303	3.35879077
4.89901324	4.77987748	3.02186598	3.94286803	4.93831354	4.81076042
3.91113242	3.73165248	3.07595352	3.07413566	3.71830814	4.06166495
3.8181888	3.77275933	2.31568024	3.65463762	4.06750549	3.94763129
5.23720288	5.53785435	3.9929513	3.92002877	5.36490913	5.26138443
4.40787883	4.57379207	3.05519673	3.43970584	4.25243372	4.19571046
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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2.28343035	2.58503962	1.49210505	2.15892811	1.36837287	2.24898992
3.86082082	3.79801013	3.98191378	3.53601599	3.89427745	3.88874239
5.16760096	5.24718537	4.78165659	4.91312618	4.71340601	4.99103381
3.01017236	3.2217229	2.51727063	2.6516874	3.27613626	3.29830846
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.50754512	2.83042649	1.11518827	1.71563448	2.68467354	2.62733227
2.27158404	2.36748864	1.11518827	2.13618461	2.28682446	3.16882104
2.73052122	2.87024824	3.01506734	2.31745548	2.98142444	3.06748587
3.07980478	3.21767343	2.02152458	2.82412019	3.4384306	3.34164457
2.50395485	2.58366535	2.44319424	2.15206205	2.86848727	2.83225717
3.67724009	4.04663928	4.36308637	3.59878182	4.14108484	4.10961834
3.23125568	3.57225427	2.82028657	3.63800314	3.16080978	3.19422226
0.44176877	1.06177327	2.76653484	2.26081753	2.06514926	2.47137189
1.00E-04	0.62690381	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.54758491	1.3931554	1.00E-04	0.44987755	0.1324183	0.61969616
4.51435665	4.66275024	4.16320797	4.71717048	4.62705541	4.57499873
3.65666432	3.75495762	3.32569544	3.64655533	3.53024758	3.28220768
4.82052772	4.44857601	4.52205527	4.42163193	4.0430691	4.45162582
3.69858296	3.03094947	3.45879827	3.54927876	3.73050145	3.7619541
4.54288475	4.70003881	4.95281762	5.03145816	4.64319763	4.52372116
3.02844036	2.75762218	2.68416402	3.15905565	3.29306344	3.20001627
4.10437472	4.04428339	4.69186291	4.21203795	3.97350899	4.24974556
6.19751503	6.08236212	5.83122901	6.09514107	5.56116749	5.72035027
4.3240109	4.17829919	4.24937725	4.74467997	4.50831421	4.18334696
2.46704507	2.06581217	4.48495001	4.99779239	4.43181404	4.47427822
1.99741982	2.66292445	2.75089551	2.32427388	2.1204625	2.75124076

0.97555355	1.00E-04	2.83961926	1.19204186	1.12803385	1.00129408
3.7471403	3.53698949	3.50918511	3.71097582	4.19139964	3.95698051
1.2323413	1.5520469	1.00E-04	0.76825397	0.74888436	0.44347704
3.54714487	3.88274938	3.8093814	3.92200021	4.12346371	4.14263111
5.00354792	4.9637225	5.45325325	5.77325927	5.41563993	5.71129871
5.41208901	5.19752918	5.74930111	6.35536152	5.73442317	5.70183113
1.00E-04	1.00E-04	1.00E-04	0.56657147	1.31287961	1.2263189
3.47707788	3.77453417	3.77051044	3.64982884	3.25216752	3.46752012
5.17003736	4.84216474	4.86787997	4.96573717	4.65152625	4.94456211
2.89414124	2.48611251	1.82884255	2.98630379	3.22549475	3.45051718
2.50202372	0.76540856	2.04595548	2.90782787	2.0402526	2.19530564
4.63722709	4.72057446	5.26648858	5.57230466	5.53493837	5.45698966
4.46483274	4.32523795	5.20282879	4.93164447	4.91368498	5.09629055
6.15856493	6.01561588	6.34495469	6.60861186	6.40796095	6.45733131
1.17411657	1.0823475	1.00E-04	0.44286825	0.78524575	1.00E-04
4.46947654	4.37248308	5.05963954	5.01363004	4.91799764	4.78648407
4.44087098	4.2512045	4.86299712	4.67350833	4.88279594	4.77502694
3.01276555	3.54336375	3.64810097	3.39067352	3.28544638	3.30694401
2.57159467	3.4237165	2.44227172	2.54435981	2.7268949	3.08611233
4.52324533	4.30914533	4.35706243	3.92045246	4.28567344	4.34038456
3.60115377	3.52109748	2.93491697	4.27091154	4.22897281	4.60651445
3.90730649	4.02930772	4.08975362	4.28329283	3.99455838	4.03287104
1.00E-04	1.87315252	1.28316224	2.70290454	0.58279386	2.10069821
4.8807811	5.06397247	2.81628866	1.87468529	2.61546225	0.74505868
3.80573555	3.9587479	3.48020037	3.54044329	3.89789269	3.76540767
2.89959372	2.46011241	2.98343948	3.4358062	3.49630208	3.70243033
5.41166994	5.21825661	5.10123415	5.52023022	5.10908851	5.33237527
4.6047309	4.62697529	4.65754272	4.49287255	4.53280115	4.66044429
2.56052038	1.73352226	1.38754516	2.7711192	2.42528191	2.97632936
3.05066498	2.57199241	3.11012454	2.88553028	2.89216392	3.28299168
2.2560441	1.68181423	1.52319676	2.72784205	2.41386382	1.99778802
1.08460121	1.49989675	1.00E-04	1.88598768	2.04837515	2.06424604
3.58187122	3.28277774	2.50739511	2.83929773	2.43888077	2.97404511
3.30323947	3.05260367	3.79761905	4.15164337	3.94507267	3.7323627
4.1000205	3.97335729	3.87423981	4.29694647	4.48780322	4.16616023
4.19035864	4.39572877	4.39184075	4.47807762	4.21578894	4.47036597
4.45056726	4.4693094	4.43618282	4.49840213	4.58671144	4.79607661
5.32652739	5.05610074	5.44395494	5.55106912	5.23414053	5.33580914
5.02345723	5.00525079	3.9884616	3.95112991	5.06229264	4.84137333
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3.31163542	3.56303089	1.30986649	1.00E-04	1.07147652	1.79483675
1.00E-04	0.92995371	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.5586933	2.25306366	2.77688407	2.27195216	2.66836429	2.96609612

2.58553339	2.59381865	3.30422207	2.59163832	3.07598501	2.66680844
2.38342988	2.48584569	3.23753924	2.52475484	2.75105603	3.02318096
1.04589201	1.40426262	2.04025287	1.59308556	2.15131902	1.09709856
3.8924303	3.69909956	1.69994631	3.48268622	3.61994327	3.83751752
3.89349027	3.90712458	3.35048009	3.96908914	3.81845054	3.98005204
3.16701325	3.27620032	3.03897109	2.66767665	3.39691119	3.23184336
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2.81948341	3.1826673	2.23591737	1.82215792	2.71583026	3.04635782
2.60482143	2.87093848	2.51760694	2.73975066	3.06425438	2.657958
3.43341372	3.3382241	2.43853716	3.17632989	2.89774215	3.70042185
6.48575456	6.33093183	6.1794246	6.18107838	6.26985064	6.25131144
1.24794233	1.48698311	1.27996271	0.61790071	1.34702518	1.93552243
1.00E-04	0.72342246	1.00E-04	1.00E-04	1.00E-04	0.27250157
5.55423597	5.49892372	4.60379124	4.40555279	5.18279818	5.49630949
5.45835413	5.34257724	5.65774777	5.70833227	5.61385096	5.59177218
1.90206974	1.73625692	2.17225881	2.39075049	2.04778479	1.85177302
4.82640207	4.73933745	3.78364278	3.6807579	3.4971678	3.7032401
2.78821881	2.69541069	1.77763584	2.82053088	3.36306586	3.18087979
3.3157137	3.59614874	1.49210505	3.42558403	3.71854637	3.86169219
1.75661449	1.5145799	1.00E-04	1.00E-04	0.60624791	0.80040119
3.28044204	3.49996155	2.17531885	3.02053326	3.31998191	3.50521515
3.42106913	3.24849019	3.27991124	3.26446646	3.63372761	3.54502874
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3.89476529	3.70532706	2.45590892	3.31559177	3.53833835	3.42638139
2.88653267	3.4056581	2.92471847	3.07447423	3.049824	2.69450986
4.75854499	4.93713117	3.28340474	3.96229987	5.01385002	4.9445693
1.92075499	2.52887147	1.00E-04	1.41776244	1.46942457	1.36572517
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.17701235	5.14229325	5.04024416	5.14310971	5.44049527	5.24076304
3.5943536	3.79138542	3.98478245	3.77425049	3.97819014	4.11865603
2.7229254	2.53925934	2.60218152	2.90255394	2.89167271	2.71855777
1.00159136	1.6218982	1.00E-04	1.9148653	1.94324394	2.65018664
0.43243323	1.75464734	2.59786762	1.09944092	1.49783407	1.79893323
1.35546076	2.06183779	1.00E-04	0.85905381	1.58004402	0.92043359
1.00E-04	0.62690381	1.00E-04	1.00E-04	1.26996634	0.65708714
4.29431125	4.30504321	4.49083999	4.33276024	4.86752205	4.60483867
2.57860088	2.51754154	2.73256798	3.58959237	3.76903217	3.76647102
0.71706674	1.00E-04	1.00E-04	1.00E-04	0.40281018	0.66170831
4.90801851	4.64221611	4.82169958	4.82329122	5.37906461	5.2989172
3.57763898	3.15369074	2.33221482	0.93036104	0.54050175	2.24223165
5.76947223	5.92344265	5.06557094	5.8043048	5.72689043	5.57279546
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.45793693	3.71345614	3.06402198	2.47884993	3.05642325	2.84981622

1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.38770897	1.11933309	1.00E-04	1.85405888	2.01093352	1.82410907
3.98484219	4.2433295	5.8623594	5.97584518	6.06084477	5.7576714
4.97891733	4.84592569	4.81720458	4.75007445	4.89955781	4.85630283
3.45887109	3.51988159	3.47571189	3.70291182	3.04921872	3.72920887
2.67711113	3.42701655	2.90461534	2.46872491	3.10268608	3.02768202
4.35479409	4.31274451	4.00680155	4.0429638	4.7146356	4.62422606
4.43663211	4.48839436	3.82150901	4.24194737	5.09760351	4.74555043
4.28141786	4.0488814	3.74219466	3.71999707	4.31827411	4.06897592
1.20217421	0.95553029	1.00E-04	1.3461389	1.49600224	1.75413196
1.63196018	1.54123066	4.62456253	4.45934569	4.05968749	4.00713488
3.4085185	2.68152152	2.4856599	2.9658987	4.2746844	4.22913318
1.00E-04	1.00E-04	2.39042884	1.00E-04	0.24021141	1.10719769
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.11579337	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.52738567	1.00E-04	1.00E-04
3.86778159	3.98947236	3.21321562	3.64597243	3.79906299	4.00265684
3.87776016	3.94875392	3.05378389	4.18704115	3.82989708	4.23593928
0.69016855	1.28599732	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.85112786	1.35874051
4.20033516	4.28367308	3.94696983	4.09075979	3.822821	3.94709633
3.25242032	3.25874416	2.18080119	2.26036526	2.45784503	3.41343306
2.74903091	2.74631266	1.91026073	2.47880539	3.15839612	2.42512131
1.00E-04	1.37511758	1.00E-04	1.00E-04	0.10440683	1.00E-04
7.13124123	7.14247466	8.22968553	8.29306421	8.73304034	8.74656153
2.52132788	2.80743128	2.06021552	2.32525082	2.77639249	3.01604558
1.25346749	2.0619908	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.3590365	2.26479838	1.00E-04	1.00E-04	1.00E-04	1.13777467
3.8810339	3.81806697	3.72601983	3.54507012	3.81886451	4.15873334
1.00E-04	0.59074735	1.00E-04	1.00E-04	0.60009394	1.00E-04
2.21759735	3.10531596	3.42314204	1.69243698	2.94684285	2.47112058
4.13858642	3.9961432	3.72852624	4.1690953	4.16067916	4.36181945
1.00E-04	1.00E-04	1.00E-04	1.21231371	1.00E-04	1.00E-04
3.26880332	3.11669647	2.39770564	2.41150917	3.07997449	2.80514373
0.56427265	1.21380205	1.00E-04	1.1233493	0.95816402	0.94638224
4.81716731	4.2165439	2.85530481	4.15814199	4.68113591	4.41854499
5.13593811	4.96554115	5.1074629	5.24831516	5.21845074	5.17699348
4.21477189	3.90222922	1.84960269	2.89013044	3.69299355	3.78520305
0.97924452	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.19161201	3.54970467	2.22227459	2.62738089	2.85573223	3.08292579
4.38659253	4.49755317	4.80087683	4.56026726	4.33862185	4.35859599
6.43439437	6.40693184	6.37214139	6.71114496	6.38679375	6.47650031

5.38373247	5.3823581	5.7596039	5.81133193	5.54309403	5.65372095
5.00281235	4.92036903	4.78832277	5.45413933	5.18969593	4.97041309
2.83659053	2.63194014	2.67123857	2.92254008	3.16938865	3.43240253
2.46085105	2.4084722	1.00E-04	1.00E-04	3.00413133	2.31324505
2.48764506	2.94389487	2.26969129	1.85615197	3.27713324	2.93388008
4.37816396	4.45226902	4.27195405	4.58671993	4.49569645	4.60400099
2.95158627	2.88580661	3.46024406	2.82795549	3.62736555	3.82859808
3.54302104	3.52956512	3.81029165	3.08470353	3.63951641	3.67409882
4.06479796	4.14388165	3.89203539	3.16669209	4.48192785	4.52909044
4.21599194	4.0476979	3.41355396	3.41919189	4.24716124	4.039768
3.09213158	2.63637242	1.82713664	2.89004956	2.72132296	2.93318368
2.49369254	1.97195419	2.2320249	2.23122614	2.71792568	2.62225875
3.85904107	4.04948748	3.00355865	3.67545387	3.73962799	4.04764242
4.30956996	4.31231092	4.11210466	4.59924544	4.67237535	4.85293279
4.38404985	4.44613476	3.98446759	4.02414232	4.3694908	4.23471455
3.59490666	3.59394426	3.05567739	3.27091558	3.27105911	3.5300121
3.83292003	3.9455136	3.86315284	3.7711911	4.05589994	3.74614023
1.00E-04	1.97522497	1.00E-04	1.23485291	1.61630654	2.15062447
1.00E-04	0.62999079	1.00E-04	0.88257138	1.00E-04	1.00E-04
3.82596938	3.83015549	3.61990285	4.01383117	4.23999326	4.64055481
4.11557956	4.56491977	4.61138914	4.23006861	4.13856319	4.34589194
3.2861799	3.5082238	3.36012921	3.51964218	3.73282413	3.91270749
2.91238929	3.00938719	3.97448219	2.28202645	2.7177202	3.04540347
4.20484263	4.29903698	3.93646184	3.94182997	4.03840743	4.13463377
3.46120244	3.64820342	3.43429302	3.72168442	3.83433444	3.98889493
3.85230343	4.02965854	3.50828439	4.01263923	4.06433284	4.00011989
2.5805008	2.3961497	2.62350987	3.10789968	3.38444447	3.18516239
4.52357698	4.23149992	4.58494417	4.67088361	4.64509338	4.75143313
4.70179663	4.38978797	4.1986566	4.92113434	4.61762467	4.79925584
2.96473348	2.83669576	2.80450354	2.7411615	2.96939357	3.43313186
4.84923604	4.92180493	4.98637166	5.03074349	4.92749223	5.24071949
2.68710975	2.22854431	2.08611893	2.69178553	2.99460135	3.40612531
4.76833415	4.4830502	4.54205187	3.75563815	3.8205525	4.16276207
4.78536291	4.83190945	4.9990371	4.95348977	5.08583601	5.3451306
3.02365718	3.51749903	3.30896933	3.42792199	3.67193561	3.1742457
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.90741801	1.00E-04	1.00E-04	0.20501279	0.3588416	1.00E-04
1.1876287	0.55591422	2.21014484	1.1911056	0.27951946	1.49495693
1.00E-04	1.00E-04	1.00E-04	1.21331492	1.00E-04	0.14485168
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.14272337	1.00E-04	1.10158526
1.52345235	1.69095294	1.00E-04	1.00E-04	1.36051576	1.21044284
2.28778246	2.67062404	1.00E-04	0.37250181	0.7198739	0.60504944

2.03968269	2.43635421	3.56610317	2.85833638	2.93437127	2.70803416
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.51589568	1.05972618	1.54304638	2.23456718	2.23517447	2.91146823
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.53888819	0.67284418	1.30789632	0.60868697	1.35220022	1.71573827
0.53888819	1.50227066	1.00E-04	1.97012308	1.00E-04	1.77890913
0.88169387	2.5008792	1.75472403	1.33911614	1.55477383	1.90454117
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.56529147	4.56063945	3.33748469	4.4945823	4.3289759	4.26726948
0.62504333	1.00E-04	1.00E-04	1.00E-04	1.00425386	1.00E-04
5.90326976	5.75039111	6.19610095	6.26934663	6.07759067	6.12774053
3.23768036	3.56556022	3.09798753	3.594381	3.98158832	3.92286594
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.21380205	1.00E-04	1.00E-04	0.65947102	0.16565788
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.23539988	1.45095991	1.52319676	2.59752752	2.4613735	2.6407383
2.25500784	2.14343087	1.42763756	2.64654481	0.71293996	2.69150895
3.262042	3.41989313	6.39903288	6.41762692	6.64899051	7.04933677
1.00E-04	1.00E-04	1.00E-04	0.37325883	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.93631321
1.11959545	0.53117747	1.00E-04	0.57243387	0.54651002	0.42693264
4.69253675	4.36966303	4.66514016	4.80524065	4.63212642	4.86509355
0.73526262	1.00E-04	1.00E-04	0.15557081	1.19235849	1.25005822
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.38032321
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.39572246	2.84562459	1.30986649	3.90398079	3.09836729	3.71432728
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.34078751	1.00E-04
5.67979521	5.6284827	5.28057385	5.60089495	5.46434294	5.57198343
5.03868684	4.94399023	5.19993103	4.83532112	4.76962375	4.82333501
4.27690601	4.21816732	3.98768132	4.35335904	4.24793701	4.30901556
4.15999838	3.83395378	3.33737251	3.8608984	3.77901488	3.8245941
3.85179751	3.56460761	3.52141291	3.33405164	3.67968611	3.92959465
1.4917044	0.5153255	1.00E-04	0.96433782	1.00E-04	1.00E-04
5.21651076	5.17642129	5.56579836	5.22640529	5.39696696	5.40521431
0.76033547	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.37387138	3.16152287	3.47986523	2.96018504	3.2569083	3.45331222
4.18958129	3.89821404	3.31491814	2.92179065	4.11557195	4.0942866
4.45226444	4.73402877	3.8814253	4.63031483	4.18405697	4.45196623
3.75921063	3.98884492	2.85086825	3.70461373	3.75595797	3.89725375
4.67288909	4.58290063	4.84811111	4.36687483	4.41975074	4.90252773
2.35094609	3.1481019	1.8503227	2.159074	2.95308664	3.07097545
3.96193903	3.94968365	3.87502716	4.03216734	3.94393774	3.14623488

4.69149321	4.85043231	4.83164967	5.00679615	5.1351091	5.35357607
3.54424703	3.80765402	3.69471924	3.292331	4.02312643	4.08136492
1.00E-04	0.55552765	1.00E-04	1.00E-04	1.06022391	0.46112954
3.72193972	3.9247783	3.7117601	3.50129681	4.11146868	3.6213994
1.77799302	1.87378702	2.37434441	1.47725268	0.71184363	1.04799106
4.04474871	4.09761267	4.39641237	4.68678477	4.62239421	4.54419064
4.89443677	5.14966321	4.76174545	4.625871	4.45750841	4.75045351
2.96769899	2.81455212	4.54277241	4.96487197	4.40035001	3.90008128
2.91817659	2.24122982	4.05264992	4.45198877	4.01271078	4.3680607
2.74783781	2.01254133	2.60544617	2.68815286	2.63526394	3.04458429
4.66622868	4.69033656	5.55598376	5.43716625	5.16794059	5.02554304
3.87738455	3.98648647	3.86343808	4.39361974	4.00464294	3.78184875
3.22522993	3.21729435	2.69229091	3.4104631	3.07228902	3.40318341
2.96994957	3.43656774	3.00299231	3.22905397	3.31097701	3.19043274
1.97706992	2.68166679	1.01811585	3.14631937	3.56958753	3.3757239
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.08924989	2.00361309	1.49210505	1.6100373	2.01357272	2.37580263
2.94616471	2.69698683	3.40984604	3.57092205	3.37821277	3.33181925
4.104925	4.38677316	4.33799216	4.09480501	4.42338549	4.57291783
1.74458956	0.54329442	1.27996271	2.10231393	1.4859166	2.9033278
2.36649879	2.58334109	3.68889731	2.95094718	3.45890492	3.84322605
4.53414919	4.58290133	4.67166972	5.05975719	4.88455415	4.81037152
3.11057454	2.94879027	3.68793506	3.07464456	3.1525223	3.35773094
2.5877583	3.35748529	2.10841409	2.97570129	2.86026596	3.28466568
1.00E-04	0.74331533	1.00E-04	0.83398909	1.00E-04	0.60360132
5.24299305	5.06704822	4.81019893	5.06786833	5.08019948	5.05462771
2.42335367	2.11424875	2.08960035	3.21489923	2.90540767	3.30749314
2.43952391	2.74175644	3.30271097	2.80470325	3.21112901	2.61822405
3.51381671	3.14063548	1.95610501	3.46614906	3.06918422	3.59481619
3.98604078	4.17194874	4.35403147	4.75831885	4.31822477	4.65111344
1.20142943	1.00E-04	1.00E-04	0.92240972	0.54937466	1.00E-04
2.34591316	2.91799147	3.11687672	2.54652132	2.27137122	2.08903581
3.02654131	3.59786103	3.82878347	3.80650405	3.91289342	4.46170967
4.65265281	4.62246618	3.83675176	4.30131297	4.24657042	4.45074038
4.34590328	4.27465758	4.37163298	4.71343203	4.27162505	4.61587433
3.03769984	3.28222358	2.70567566	1.70585032	2.85989977	3.01927999
2.17723377	2.66161268	2.34602095	3.94483875	3.79018556	2.94924741
3.37768283	3.25351917	3.6782018	4.31188251	4.21931898	4.27356057
3.88150854	3.2481264	4.49268527	4.06191772	4.38750682	3.99122141
3.88345537	3.93199626	3.67667169	4.0771152	3.20490518	3.8159134
0.8866214	1.00E-04	1.00E-04	0.88257138	0.0905788	1.36846672
3.20342657	3.31753212	2.87981997	3.04903687	3.08586195	3.70296586
1.69579696	1.4818367	1.01811585	1.92142958	1.52047698	2.37351131

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2.29756553	1.70184766	1.00E-04	0.7683823	0.94864268	1.7952401
3.66417042	3.93869133	3.2347905	3.50304863	3.63170819	4.01007506
0.65593614	1.18901797	1.68391787	0.6391028	0.7991435	0.72825032
2.66902975	2.86845113	1.00E-04	1.82488384	2.90265217	2.9200521
4.3572568	4.68801287	4.56444165	4.31969174	4.02171713	4.21331411
2.99825384	2.83086165	2.0050073	3.03953796	3.22294838	2.87979163
1.76745409	2.398479	1.00E-04	1.87661237	2.23107272	1.44618346
3.47316276	3.6603976	1.00E-04	1.41357004	1.42911932	1.20332684
1.56584546	1.64088259	1.9503961	2.00459866	0.82396606	1.24301091
1.28768807	1.21765523	1.11518827	1.72009781	1.12506785	1.34366436
5.15524473	5.09197699	5.26719267	5.4493436	5.27509199	5.27176918
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.36890356
1.83012543	2.51182368	3.06224928	2.45418194	2.36584757	2.62488679
3.76530975	3.92928753	3.38461947	3.14656979	4.28387073	3.67123168
3.68795812	3.86508174	3.24295762	3.70172249	3.51476339	3.82914091
2.51932549	3.27953731	1.00E-04	1.85120135	1.92856638	2.68960142
0.99962799	1.84144038	2.63355518	2.00376937	2.62404317	2.94321874
2.77084163	3.11295841	3.55900521	3.20821181	3.3888058	3.90249708
2.6380456	2.41389014	2.37984885	2.56722665	2.74352858	3.37865232
3.7197297	4.07606876	3.30927118	3.00702145	3.35808219	3.37997135
3.23350255	2.80836606	1.06844428	2.61021124	2.95785178	3.32409931
5.02939876	5.29482264	4.21994697	4.12863876	5.06677776	4.96714427
2.74880294	2.40981024	1.00E-04	1.00E-04	0.11783267	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.63162278	1.00E-04	2.39042884	0.25428292	1.00E-04	1.00E-04
3.67873629	3.70013226	3.95041857	3.81838576	3.65978612	3.83510138
1.3129629	0.50469062	2.26969129	1.83834912	1.13684642	1.30318615
2.14690095	2.15113536	1.30789632	2.75554928	2.26024818	2.88788473
2.37131619	2.47371236	1.74110187	2.12805641	2.53085941	3.35107071
1.9841813	2.2206348	2.75667971	0.71860592	1.51226286	2.63875936
2.59299262	2.36930859	3.33674991	4.2070628	3.84007575	4.15666852
3.91749372	3.82200769	3.32972584	3.54875156	3.30069234	3.96278855
2.0142251	1.48447386	1.00E-04	0.90779466	1.61202129	1.5401412
2.55216908	2.68253994	2.77790404	3.26090955	3.04926519	2.40827651
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.17239703	0.59418646	1.00E-04	2.71798638	1.51451122	1.00E-04
0.46739644	1.00E-04	1.00E-04	0.72937106	0.95757605	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

0.64652675	1.54880493	1.00E-04	1.54031703	1.49507324	0.25549896
2.38606025	2.75087259	2.26969129	2.18218844	2.31056312	2.22968152
3.3111013	3.11450095	3.20742031	3.50976018	3.65428483	3.67513772
2.3553251	1.92604626	4.61495458	4.38620065	4.04481549	3.66481191
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
5.89449713	5.8654838	5.899944	5.93885724	6.00832328	6.09764935
4.64793463	4.47556058	4.85765586	4.59422595	4.65598472	4.39741536
1.91560603	1.1477547	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97140325	2.11593497	2.75279574	2.34446811	2.41833828	2.95567544
4.03741142	3.83914784	2.5880404	3.71694751	3.6240703	3.84375756
1.62599677	2.2036296	1.40283744	2.63737022	2.11738935	2.43761593
2.55782097	2.68012072	3.0005279	2.98491175	2.62316676	2.61267737
5.50699077	5.59776247	5.20594986	5.5744161	5.49124142	5.38082299
1.00E-04	1.00E-04	1.00E-04	0.86953679	1.00E-04	0.93127485
0.09415495	1.04282969	1.00E-04	0.4266763	1.00E-04	0.40709304
0.75023767	1.00E-04	1.00E-04	1.00E-04	0.98214245	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.56456051	1.00E-04	1.00E-04	1.00E-04	0.65519325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.52475055	0.88835803
1.00E-04	1.00E-04	1.46133917	1.42826564	2.65147914	2.42953293
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.45991406	0.57479248	1.00E-04
0.72116019	0.63220067	1.00E-04	1.00E-04	1.00E-04	0.62125803
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13991114	1.00E-04	1.00E-04	1.15441757	1.00E-04	1.00E-04
0.18020261	1.00E-04	1.00E-04	0.39596165	0.31119472	0.52866521
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.39776263	1.00E-04
1.00E-04	1.00E-04	1.75472403	1.00E-04	0.56098455	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.16178697	1.00E-04	1.00E-04	1.1557093	1.30267714	2.10882631
1.80527148	1.8224146	1.00E-04	0.44286825	1.00E-04	0.8826879
2.21676595	3.01290133	2.97984875	2.62846314	2.72756047	2.89046763
1.88192083	1.17085752	1.00E-04	0.49600825	1.17650375	0.95850866
2.81653433	3.11692122	1.00E-04	2.50706902	3.1393163	2.59128954
4.86528068	4.75731788	4.43675853	4.50043648	4.47154592	4.51535119
3.43099036	3.29258351	2.3868719	3.09447354	3.58431979	3.59184758
4.34255208	4.35477078	4.00036483	4.71695812	4.46355449	4.64796765
2.90931925	2.87573399	3.79159707	3.37775336	3.34910961	3.99657275
2.18834916	2.73304832	1.00E-04	0.93895769	2.17250073	1.44455182
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04

1.00E-04	1.00E-04	1.28609943	0.43961201	1.14791553	1.06294128
5.10467641	4.98374429	4.54145999	4.47943088	4.88188438	4.68054987
1.00E-04	0.90571514	1.00E-04	1.42753789	1.95475398	1.83150767
2.4418289	0.59661773	1.00E-04	1.52056131	0.54903012	1.20556128
3.00728599	3.23325227	4.75379412	4.89108544	4.12795236	4.38533045
3.18845811	3.07844411	5.13094066	5.41678501	4.9741299	4.90590435
4.83094464	4.56653803	7.66312567	7.63883945	6.86234304	6.72316652
5.15600693	5.1760298	5.0312911	4.90686391	4.80378625	5.27364149
4.82116366	4.56705709	4.73499507	4.8189606	4.68028658	4.7805197
0.75335388	1.00E-04	1.00E-04	0.30764686	1.00E-04	0.5087315
2.60467918	2.4646443	1.49210505	2.15506628	2.41001145	2.75470387
1.77255348	1.49387569	1.00E-04	3.36982916	1.41156272	0.31361773
1.00E-04	0.79837719	1.00E-04	1.00E-04	0.49015498	1.00E-04
4.47356886	4.55622437	3.78799816	4.10099375	4.38895261	4.38069006
3.68693743	3.51711192	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.72087393	0.30163127	1.74110187	0.69429069	1.21159505	1.1568398
3.64769161	3.70030503	3.44406683	4.03823208	3.75699834	4.32958931
0.5845187	1.82585418	1.00E-04	1.30314765	1.00E-04	1.00E-04
0.37484237	1.00E-04	4.06556241	3.10613984	3.15900135	3.29318971
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.67384177	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.40283744	1.00E-04	0.93794388	1.00E-04
4.0063615	4.05582181	2.47531664	3.99784162	3.82102063	4.13525829
1.00E-04	0.86045964	1.00E-04	0.2788676	0.4783264	0.15499183
0.81788381	1.00E-04	1.00E-04	0.7166843	1.20426649	0.7599299
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.15671146
1.00E-04	1.00E-04	1.00E-04	0.24575289	1.00E-04	1.00E-04
3.42066721	3.1790633	2.66705371	2.80426602	3.07272314	3.1080894
4.00239101	4.11403812	4.00214624	4.04408207	3.86172485	4.35606772
2.96468496	3.2853973	3.54802598	3.46889723	3.21146739	3.36003519
0.55703647	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.43189376
2.65329446	3.19508289	1.30986649	2.73055179	3.31010213	3.05652557
4.68006239	4.89151732	4.37327988	4.70894373	4.41312049	4.61024751
4.29812714	4.1143832	4.25133037	4.32300722	4.06859566	4.28120499
3.65432372	3.60880547	3.65947045	3.57444449	3.91568079	3.87731786
4.73659535	4.7237806	4.48642542	4.45835287	4.57409366	4.68964346
4.769432	4.40543479	4.30971082	4.92736128	4.64618866	4.80383314
3.83618539	4.17673624	3.83296563	3.80055359	3.65390956	3.50814909
5.05558445	4.87304386	5.05604692	5.32444998	4.91862784	4.88106571
3.2942591	3.18193083	3.88258972	3.1943727	3.49013105	3.52418357
0.70992966	1.00E-04	1.00E-04	0.47606859	1.00E-04	0.82847756

1.21928537	0.66491371	1.00E-04	0.68902433	0.52692177	0.51022096
4.60960107	4.46276712	4.14993152	4.26169586	4.31394307	4.6349724
5.22599799	5.19906581	5.11773739	5.16667004	5.08701749	5.0767058
4.96258312	5.02902025	4.28442981	4.87441452	5.06885027	5.13668818
5.28923758	5.33144727	5.33158606	5.65282838	5.16739002	5.28051961
4.99583942	4.76923096	4.46142902	4.97863013	4.8257433	4.78499249
2.59203082	2.05609572	2.32722852	1.43275161	2.54886494	1.31065273
2.42261936	3.02233083	3.18162072	3.51800309	3.23153511	2.51576426
2.41231793	2.40501609	2.63263621	3.24744165	2.76181277	3.16916538
5.44782866	5.61306196	6.84370753	6.75121049	6.78217374	6.79330267
1.75764858	2.20072624	1.52319676	2.37760718	2.01065089	2.42582708
1.72478039	2.19705178	1.01811585	0.96606491	1.30000121	1.41252316
5.04338673	5.10419919	4.84161902	4.98598879	4.85304538	5.19558365
1.00E-04	0.88313551	1.00E-04	0.81060466	0.96478285	1.00E-04
4.07739824	4.19920602	4.28593071	4.21084772	4.37646583	4.60664759
3.0112546	2.77641024	1.9671721	1.70939601	2.77445933	2.76407051
2.37861307	2.33336793	1.00E-04	1.21220418	2.40107633	1.19721917
5.58139455	5.50234251	5.26706951	5.07525583	5.88017771	5.61648739
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.16147301	2.06175144	4.4476134	4.93931874	4.40902958	4.4887591
3.10563876	2.80514706	1.69994631	1.78966822	1.91748772	2.71416095
4.13771455	3.81724778	4.25791735	3.92915943	3.73626866	4.2463306
2.27564598	2.24960502	1.7310621	1.2984068	2.77676112	2.54903433
2.4485471	2.50938816	1.38754516	3.21200703	2.597561	2.90126903
3.21975051	2.89021664	1.7100959	1.91323906	3.07305862	2.88541863
2.30020114	2.3302798	1.51203435	2.1353521	2.7794888	2.64061736
3.19969687	3.13207753	1.00E-04	3.47062455	2.67917976	3.14116469
2.68458237	2.90631965	1.27996271	2.36069711	2.91432023	2.78072158
3.29982671	3.17536385	2.75787147	2.66301693	3.33321838	3.36413625
3.10434838	3.50540386	2.38790537	2.56021317	2.79889835	3.21257301
3.79299274	3.38668817	3.41630524	3.21610749	3.40023823	3.38246323
2.73810604	3.15127158	3.26515068	3.21096474	3.38203709	3.61771807
1.00E-04	1.95492212	2.634696	2.45596451	1.9208962	1.7784024
0.09415495	1.00E-04	1.11518827	1.00E-04	1.008458	1.00E-04
2.88426524	3.09918512	2.815237	2.8496907	2.88380675	2.86583429
2.92427633	3.09519493	2.24823698	2.03676505	2.62880815	3.1725097
4.32447954	4.19150675	4.66435627	4.16603873	4.2476557	4.15526011
4.54158277	4.50172117	4.37092385	4.47965355	4.12354748	4.34470247
1.36308407	0.58812963	1.00E-04	2.1658877	1.79013953	1.60090643
3.18927279	3.99867868	1.82884255	3.20547437	2.9506613	2.93419797
3.62499365	3.4131489	1.01811585	3.21183947	3.27663972	3.21759976
4.66257559	4.68572605	2.78360575	2.4462438	3.88328002	3.96568941
2.53438999	2.8794999	1.40283744	1.00E-04	0.9889643	1.00E-04

5.08058245	4.63927829	4.51786191	5.05700513	4.89446741	4.07225513
2.50304787	1.9097555	1.11518827	1.66457228	1.92809725	2.33439116
4.74116173	4.81779481	5.06058213	4.92761923	4.31481802	4.61479756
4.269345	4.35010835	4.05275975	4.32953979	3.79831224	4.18301929
3.16326861	3.19322141	3.58067785	3.66265967	3.58083083	3.92659221
3.64570376	3.99971698	1.91026073	3.17250547	3.76432186	3.82456517
4.38490124	4.37407093	3.79407017	4.22810264	4.21759356	4.3303931
5.42353871	5.49943223	4.79553649	4.45511647	5.30618517	5.28998523
5.00772184	5.03185919	4.85776316	4.92887459	4.91600252	5.12074006
4.40438156	4.69128941	4.46413354	4.63034941	4.5970858	4.53357276
4.63484595	4.52203649	4.71694307	3.91976176	4.72302616	4.43205431
4.48228518	4.3825952	4.50554425	4.41615317	4.88209466	4.68102435
5.84016278	5.82671068	6.24375294	6.49102298	6.46891401	6.0366329
4.75983838	4.71864118	4.58397799	4.48709245	4.60809462	4.91238205
1.45126068	1.97580643	2.70884912	2.7959795	3.0027857	3.19247151
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.09355429	3.42659608	2.22349575	2.48640151	3.06041894	3.14557861
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.67387996
1.71687626	2.22211309	1.00E-04	0.41871868	1.02124242	0.46112954
1.00E-04	1.00E-04	1.00E-04	0.56399031	1.00E-04	1.00E-04
1.00E-04	1.19425375	1.00E-04	1.41341475	1.22546109	1.00E-04
3.03707678	2.36814961	1.90261361	2.94063911	2.9347258	3.08198091
0.7897423	1.00E-04	1.00E-04	1.06511549	1.00E-04	1.00E-04
0.60293802	1.00E-04	1.06844428	1.04239128	1.13061979	1.63600985
3.3313537	3.2305868	3.58706988	2.88192516	3.38586647	3.4837931
3.23192782	2.66774362	2.60544617	3.3844126	2.804007	2.76378624
0.55880742	0.76381313	1.06844428	1.00E-04	1.56995164	0.9834726
1.08058073	1.20614432	1.11518827	0.75256422	0.90977299	1.99725325
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.343361	1.00E-04
2.00979626	3.07352873	2.9119855	3.07388036	2.16046188	2.83747847
4.62772509	4.54964083	4.38963903	3.87174654	3.97733953	3.94121902
2.76856116	3.06794313	2.25411724	4.01383794	3.49154138	3.57529349
4.3865396	3.98641075	4.37893426	3.95300194	4.0091388	3.82485304
1.00E-04	1.00E-04	1.11518827	1.00E-04	1.00E-04	1.00E-04
2.6232665	2.87197715	1.06844428	1.27424951	2.38711552	3.20620462
4.78983597	4.84301103	5.99449307	6.15270578	5.60393163	5.60006991
2.99236867	2.45498307	2.99745691	2.32390966	2.77340584	3.36783251
2.49626573	2.35813974	1.00E-04	2.23643709	1.98476281	1.99470209
3.00142962	3.11736184	3.81941091	3.15294267	3.29274728	2.43172167
1.42510668	2.69526414	2.36001927	3.0916389	2.01235556	2.45538151
1.00E-04	0.93387718	1.00E-04	1.00E-04	0.9493619	1.00E-04
2.16060628	3.15006366	3.25133609	2.61173646	2.98061928	3.24153909
2.49821266	2.6825922	1.28316224	2.80473671	3.04507526	2.54610347

1.92663625	1.83354944	1.00E-04	1.15895286	1.67162317	1.88165505
0.89485155	1.35222606	1.00E-04	1.00E-04	1.32082998	1.62621723
0.37484237	1.00E-04	1.00E-04	1.00E-04	0.54651002	0.84388938
1.88404675	2.58368245	2.08421616	2.0678972	2.26858594	2.41721519
2.20565962	2.55216818	1.00E-04	2.75687283	1.55034416	2.61479871
1.30663875	1.22487053	1.40283744	2.04016399	2.49800229	1.83114757
4.10961095	4.04269509	3.63563549	3.930609	3.94892868	3.98825893
1.91521035	0.45118201	1.99016435	1.2873925	1.92459154	1.74192817
3.79523185	3.32319502	4.66188431	4.32424279	4.53913008	4.82885577
4.08883127	3.78564177	2.50532466	3.84957511	3.80573195	3.48573699
2.92388123	3.10960491	2.61351416	2.85780894	2.68141384	3.22698696
1.00E-04	1.72208686	1.00E-04	1.52201378	1.76182009	0.78747997
3.64216196	3.6791446	3.25850234	2.91271632	3.30943877	3.71021303
4.13257886	4.00891831	3.9171733	4.10524392	3.7069901	4.31010534
0.9871565	1.61500095	2.20751519	1.04809677	0.91152537	1.18485165
2.11872195	2.28508385	1.00E-04	1.00E-04	0.6055711	0.60854564
1.48864481	1.08056656	2.26892727	2.67279818	2.65340912	2.24452788
2.38238618	2.27669253	1.7310621	2.43746348	3.46854789	2.99920302
2.44389773	2.63278724	1.75021175	2.41632955	1.83936708	2.01701288
2.80128483	3.15974992	2.59912137	2.59394163	3.06258481	2.62846379
2.17671026	2.02331444	2.29748569	0.46633175	1.62415055	0.98904259
3.7376944	3.93886147	3.79088357	3.60886486	3.9205124	4.19807508
2.3340882	1.82720617	1.00E-04	1.1187895	2.2053011	2.32453686
1.00E-04	0.68630804	1.00E-04	0.70120444	0.33848153	1.00E-04
2.32098072	1.88293215	1.27996271	2.21023615	1.63419548	1.38896829
1.00E-04	1.00E-04	1.00E-04	0.56399031	1.00E-04	1.00E-04
3.95343199	3.59280856	3.41601573	3.57643146	3.4073535	3.52681316
1.05562234	1.15515742	1.00E-04	1.14611599	1.2449129	1.15640142
3.43318516	3.0517619	3.71570076	3.19200158	3.14110585	3.59502012
1.44551849	1.00E-04	1.06844428	1.34040806	1.65039713	1.00E-04
0.75008908	0.37215976	1.00E-04	0.95537362	1.31095352	1.38031231
1.42669247	1.70417001	2.08421616	1.49756674	1.6934255	2.46675467
4.31576948	4.30187847	4.6836318	4.45733166	4.35356864	4.47592429
2.26521039	2.45590132	3.86104095	3.02320892	3.35603486	3.24438963
5.18748921	5.1362107	4.98716221	5.85501947	5.95988723	5.98473446
1.07677608	1.40552243	1.85579326	0.90887421	1.61638742	0.81414464
2.71377357	2.66165255	1.00E-04	1.52194389	1.31617017	1.11580886
4.90502934	4.91002148	4.90325375	5.06157639	4.85739853	5.15909064
3.63673919	3.64103419	3.80915976	3.61960213	3.84219202	3.44826616
4.29778771	4.18059866	3.63796923	3.81522375	4.01931347	4.40649155
4.39175893	4.317678	4.49656587	4.2085034	4.08898897	4.0316183
2.97060578	3.10518284	3.55485571	3.59804534	3.08261727	3.26407392
3.87370283	3.53727525	4.12344037	4.16611966	4.0082577	4.20520745

3.60818003	3.94414312	3.81977913	3.39618035	3.05310609	3.68866946
4.21578674	4.03616663	4.12866854	3.81774573	4.05823489	4.3702108
3.98606729	3.90092313	4.5748817	4.21912304	4.54845766	4.40742304
2.89639078	2.78925471	1.28609943	3.04320519	2.46065075	2.64326199
5.79429268	5.87606652	4.6190131	5.3812185	4.85877853	5.17758886
1.00E-04	0.58812963	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.51035783	3.69834125	3.94154314	3.18732788	3.20114377	3.95257462
3.01536998	3.49942692	2.6735917	3.06761841	3.84132978	3.80907984
3.81507003	3.86237608	3.19148857	3.26946075	3.60671822	3.45125242
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
3.69509393	3.29282192	3.27742463	3.4622068	3.53920492	3.455879
3.99639228	3.89950484	4.39650703	4.19649495	4.46381029	4.3455461
1.44334271	0.65510607	1.00E-04	1.00E-04	0.35534378	1.00E-04
4.6917971	3.96717829	5.04332171	4.96064242	4.76457382	4.57679329
1.68876689	0.97277612	1.00E-04	0.49689352	1.89782136	1.66712574
2.06261859	2.73594775	1.00E-04	2.16824419	2.40645633	2.6243357
1.77234891	2.79428611	2.74371797	2.37327964	2.28818677	2.53657873
5.91909642	5.78590174	5.01036185	5.38794054	5.46442752	5.44506962
3.74173171	3.81807557	3.39715164	3.79368343	3.77934312	3.9380082
3.06895141	3.60619153	3.11632639	2.31174491	3.06289558	3.0956593
3.64477996	3.67563374	2.8496741	3.08164928	3.28291996	3.8079918
1.18397819	1.00E-04	3.13463549	3.66008516	3.480675	3.69258019
1.00E-04	1.00E-04	1.00E-04	1.82885789	0.31167709	1.63150008
2.84043262	2.92978243	2.84978947	2.84814679	2.09198719	3.1049657
0.65593614	1.00E-04	1.00E-04	1.74041521	2.24971543	2.48660651
2.87212519	2.59236754	1.00E-04	2.55244042	2.81340623	2.61703288
2.25774166	2.76336746	3.29556875	3.49053152	3.400687	3.68493496
4.363706	4.80702506	6.18940754	6.19628781	6.35145799	6.34224291
2.24190773	2.8368018	3.82586842	3.63435857	3.72225679	3.50509372
2.62213798	2.75742405	1.85807109	1.87361317	2.59798903	2.62515135
4.28326332	4.09835201	3.30426377	4.41546441	4.15538422	4.34339706
3.69449304	3.82509061	2.70348575	3.38923683	3.57070942	2.90959107
1.03050236	1.04947162	1.00E-04	0.44891413	0.93320411	1.00E-04
3.50397171	3.33062003	1.75472403	1.3827666	1.84296257	1.42788328
4.61839488	4.6291723	5.1746022	4.91512248	5.03913425	5.07145823
2.66650738	2.9741457	3.25464869	3.44458811	3.3644673	3.41798918
0.66023508	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.6068095	1.36343908	1.00E-04	1.00E-04
3.39110543	3.22160282	1.96479434	2.62788295	2.86845116	3.46595635
3.23375698	3.21059531	4.01912628	3.74193715	4.14572988	4.16291502
1.89153704	2.28154135	2.00840892	2.14842539	2.13871258	2.01030191
3.61322154	3.81720659	3.03817594	3.11482375	3.56789701	3.6815778
3.15482218	3.21536176	3.17598968	2.14308668	2.60562663	3.24760427

3.51748291	3.4309396	2.92153093	2.09816352	2.69310581	3.24582667
1.91361973	2.7195262	1.8415676	2.23506569	2.04353112	2.90741203
1.27060379	1.77890566	1.93119131	2.39743676	1.7715973	1.24691148
5.70025408	5.69074358	2.16483827	2.31003084	2.42817294	2.66749742
5.14376239	4.97236185	7.25898018	7.42263383	7.37150354	7.26180115
3.366793	3.91235503	3.32657797	3.23642279	2.94634384	3.45108519
2.6902706	2.57649902	2.87605094	2.64777536	2.52463846	3.00585643
3.94584429	3.64738278	2.91895588	2.73570829	3.69727465	3.27953833
2.59576421	2.97608872	1.27996271	2.04469423	2.9197965	2.91007442
6.22163839	5.97268047	6.05370812	6.43279192	6.32184588	6.28063422
3.0688721	3.15516193	3.32944182	3.34522742	3.37061432	3.32825042
4.13983511	3.97561247	4.25091676	4.68012404	4.50004662	4.21167678
5.51899026	5.45992716	5.54446521	5.29711045	5.37950933	5.22637348
3.25850206	3.28209346	3.26122805	3.46280032	2.93261456	2.94864918
4.66047981	4.90439285	5.28342715	5.16612683	4.87906942	4.85602165
0.15907666	0.8591625	1.00E-04	1.2830901	1.55520649	0.95719055
3.92834647	4.21577472	5.12906626	5.9191843	5.64880396	5.68428439
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.13656947	1.77929601	2.36521424	1.86806795	1.72145047	1.42899687
2.78206939	3.5502281	3.99739941	3.78830078	3.65668839	4.11193407
2.82831375	3.2382358	2.60544617	2.75023146	3.50959586	3.18722667
0.59306014	1.41484868	1.00E-04	2.140268	1.76476846	2.40774731
2.38202864	2.19872068	1.8415676	2.36008152	2.72289907	2.76685389
2.78591048	3.20224177	2.70547041	3.57977394	3.39382418	3.65958783
5.10498764	4.41205546	4.58371965	4.51182675	5.15869931	4.60014805
4.9432197	5.20093845	3.63907348	4.09982876	4.70619577	4.91853347
5.60304176	5.36391885	5.01191923	5.12885056	4.81031942	4.87236461
2.29621013	2.20482858	2.79070164	2.76673664	2.75903043	2.64655338
1.10588071	1.15351681	1.00E-04	1.5981909	1.78791884	2.17201049
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35948108
2.13207391	2.76507634	1.00E-04	2.02712911	2.01171441	1.71643291
2.42129553	2.99043758	2.00743688	2.44677973	2.82402358	3.64826986
1.36356587	2.04985194	1.52319676	1.33483822	2.0358002	2.29324128
0.9209661	0.91110469	1.00E-04	0.93196305	1.00E-04	1.00E-04
2.51370518	2.60223794	3.10086009	2.73266493	2.60303929	2.68212606
3.46110305	3.34689454	4.09360931	4.31213529	4.53694202	4.53346196
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.35534378	1.00E-04
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3.41506388	3.49982638	1.28609943	1.93357595	2.34435345	3.16978342
0.81455276	1.03755997	5.52502415	5.78450312	5.17546486	5.39671008
5.14025745	5.05464069	5.14184404	5.20815125	4.98321867	4.98076136

1.4960589	1.86824391	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.3765797	4.33947207	4.73658059	4.29463739	4.14115906	4.18877026
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3.26906737	2.8315103	3.58568048	3.38435874	3.40119818	3.08181196
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2.4075023	2.12359282	2.88723765	1.15926344	2.15989756	2.22074427
2.81946345	3.40557662	3.06372004	2.75661319	3.07678982	3.24459193
3.51044098	3.07463441	3.20371372	3.84771422	4.11903086	4.02030004
3.56002049	3.68994442	3.34431761	3.39766828	3.35056009	3.6459866
2.90981813	2.14683596	4.49222442	4.17025846	4.69669621	4.91610861
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1.86746015	1.60698968	2.35742396	1.00E-04	0.4446758	1.51838198
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.77194867	1.00E-04
1.03507016	1.00E-04	1.00E-04	0.67707868	0.99101331	1.00E-04
3.18755376	3.14787858	2.54080566	2.50382192	2.62416662	3.35230191
1.66208669	1.31833426	1.00E-04	1.95923116	1.08452686	1.7842901
3.16460706	2.76839436	3.27856097	3.45724261	2.69268662	2.72347732
5.20623119	5.12308063	5.45253433	5.81402922	5.41529726	5.52610031
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2.06844581	1.00E-04	2.64924206	1.91799788	1.79716419	1.2716296
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
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1.89105267	1.00E-04	1.00E-04	0.39596165	0.59267724	1.63289142
1.00E-04	1.00E-04	1.00E-04	1.17386419	0.53861051	0.29591257
1.70119267	2.29036683	2.2664447	1.35468549	2.08356135	2.83331474
2.23453005	2.22490248	2.54215892	2.85387348	3.02749704	3.10414731
0.86564487	0.45691315	1.00E-04	0.85147316	1.09674943	1.70858122
2.74529973	3.40178201	2.97981773	2.30285447	2.69477509	2.78430647
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1.00E-04	1.13971246	1.00E-04	1.00E-04	0.32943408	1.00E-04
1.85618439	2.15597588	3.44934531	2.07644534	2.49738295	1.66702382
4.34950997	4.46496443	5.42015533	5.16683856	5.18692215	5.39513954
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2.11166212	1.88989587	2.84419813	1.9856089	2.37634146	2.35758156
4.7659875	4.77373118	4.67952447	4.92732539	5.03367912	4.95689485
4.04389572	4.35009291	4.07398464	4.16040686	4.49005982	4.6305382
2.55039068	3.11351343	2.91357613	2.7837948	3.39304784	3.31151137
2.18974922	2.35737794	1.00E-04	1.32586125	0.66121203	0.48971388

4.9192114	5.09876617	5.64688335	5.32572592	5.24027852	5.39511921
1.69517428	1.2802214	1.00E-04	0.81968591	1.18189046	0.24407857
1.72299805	0.92031514	1.38754516	0.69282833	1.26242388	1.03333674
0.86700902	1.77303664	1.00E-04	1.23684708	1.40160085	1.9194539
4.72705816	4.94217396	5.72305774	6.03481449	6.25118194	6.21939062
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0.62504333	1.67168121	1.00E-04	0.5252732	0.69558204	1.00E-04
4.33785139	3.94350147	4.38318717	4.37959492	4.22652243	4.46144475
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1.00E-04	1.00E-04	1.00E-04	1.83184032	1.66701865	2.06221822
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4.15934626	4.71678632	4.42606943	4.7120403	4.72925898	4.68164184
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3.49787581	3.70623221	3.07775192	3.88610338	3.87327077	4.06434308
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4.25904816	3.88798897	3.3443631	3.67320812	3.55340756	3.75882683
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5.32736009	5.29147714	5.42411743	5.59980897	5.49739181	5.64272621
1.55221311	1.52394707	1.42763756	0.61001117	1.29939227	1.43766678
0.75008908	0.46062364	1.00E-04	1.46168194	0.70975212	1.18958244
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2.69147011	1.8039492	1.42763756	2.64124781	3.06756932	3.84069628
3.69863108	3.97886287	4.25106412	4.18608489	3.85820719	3.92677098
0.8945181	1.00E-04	2.00840892	1.72247178	1.34200175	0.79043627
3.67512124	3.75565058	1.95118444	3.20134884	3.55861118	3.20586424
1.66889578	0.72677262	2.58545933	2.11958175	2.07201059	1.98966942
1.54582022	1.8284197	1.00E-04	1.38293829	0.80561597	2.16029407
1.00E-04	2.09544793	1.74110187	2.71453194	2.90908535	3.58603815
3.15316117	2.73933824	2.37440717	3.40839918	3.61631111	3.7248762
2.67707778	2.87493029	2.19892917	2.36970298	2.74163287	3.33972093
2.21430253	2.89508437	1.80495607	2.38722348	1.99435636	2.46010957
1.78447778	1.97360809	3.45348049	2.08852741	2.81919951	3.29309249
2.34696679	2.22985457	1.00E-04	1.77583283	1.56940594	1.40759139
3.13057809	2.33904666	2.23000335	2.97876395	2.76598763	3.15468365
1.00E-04	1.00E-04	1.00E-04	1.25398572	0.17279347	1.00E-04

1.73262931	1.71483417	1.00E-04	1.81040722	2.0438542	2.47331254
1.94800633	2.34689846	1.00E-04	1.39158637	1.37719662	1.28123004
3.04492166	2.82455986	2.29142803	2.82247949	3.02883789	2.88016223
2.16778942	2.12361833	1.27996271	2.34485049	2.25448181	2.73421979
1.14764835	1.43583904	1.46133917	1.9285144	1.1375463	2.07958198
2.51057853	2.45706998	3.15752506	2.65965788	2.94380235	3.37667353
2.58362273	2.80930358	2.73726969	2.46788163	2.61914626	3.02466248
0.57026941	2.30403834	1.00E-04	0.68814265	1.83280983	1.12959833
1.00E-04	0.43785363	1.00E-04	1.00E-04	0.32943408	0.75682992
4.30113473	4.2163841	4.45406942	4.61801018	4.73444037	4.53748326
1.75713656	1.53377344	2.13859813	1.21465177	1.72959647	1.9886094
1.93102842	1.69148671	1.11518827	2.06808303	2.21590129	2.61565664
1.71648355	2.12240364	2.01110906	1.46611689	1.72619661	1.38495195
1.47779639	0.87157584	2.04595548	3.07242623	2.53541388	2.38771377
2.34640736	2.55902243	3.1179603	2.94913185	3.68446563	3.71277209
4.16549391	4.52794119	3.31900532	3.13950612	3.36001817	3.57240929
0.2986499	1.00E-04	1.00E-04	1.56785536	2.00863178	2.00211288
3.38422896	3.89393771	3.17858319	2.40059232	3.12716688	3.37429921
0.60327704	1.00E-04	1.30986649	1.92991293	1.34750228	1.34237367
3.66874348	3.9426287	3.84081204	3.00305153	3.45357289	4.10950956
1.3146294	2.00556926	1.11518827	0.4783264	1.89474852	1.74431517
1.9588799	2.38426769	1.91181319	2.10826554	2.5373925	2.64338811
2.16492074	2.41217339	2.39042884	0.64356792	2.01845562	2.44016983
1.15937858	0.64887418	1.00E-04	1.00E-04	1.21127217	1.10648393
1.78228028	1.94108136	2.39939577	2.53995307	2.6656217	2.55728328
2.18989827	1.91157719	1.11518827	2.3862967	2.26808942	2.56111249
2.38019357	2.23226628	2.7369967	1.86885798	2.2586699	2.16055706
0.73992518	1.79590272	1.00E-04	1.09748793	1.32810266	0.97976783
2.32741687	1.68292701	1.00E-04	1.52890049	2.22925092	2.16024367
2.48673345	2.01592657	2.30229472	2.2801813	2.08601213	2.31475122
4.18978163	4.27519932	4.55283809	4.5174987	4.31221991	4.28798807
0.76205922	1.53699644	2.20889536	1.24792752	2.16840491	2.41400088
2.89235134	3.5724935	2.62722092	3.203296	3.13907767	3.4833146
3.0867885	2.78666531	2.93700467	3.43200449	3.12848906	2.58967565
2.18856698	2.3593102	1.6068095	2.56590113	2.70360563	2.96274438
2.55629047	2.89162439	2.86872153	2.08829098	2.86298127	2.62472223
3.39916014	3.60687064	3.53083737	3.63445657	3.41164484	3.75262904
1.2820171	2.64328129	2.52237558	2.13812048	1.64524228	2.71878176
2.12405099	1.99634822	1.00E-04	1.56902686	2.1824005	2.26236956
3.20126495	3.33868627	3.06141854	2.67120746	2.92948794	2.96357842
2.31218209	1.51613906	3.11924933	1.52273821	2.53024696	2.4750853
2.36476238	1.84478203	1.94839403	1.99519907	2.33276311	2.61785678
1.95497172	2.60541838	2.71931109	1.88442237	1.65987949	2.95330604

2.27264825	1.54617679	2.28809117	2.29235493	1.82880963	0.70105999
3.73603572	3.60707471	4.08337463	4.30706317	3.77112209	3.88078058
1.73952033	1.85375125	3.50488764	2.49223603	1.75179572	2.56681954
3.23180694	3.55373098	4.04139315	3.86778076	4.02167707	3.70049748
0.9638158	1.92720906	2.75112448	3.21678304	2.75366449	2.35130587
3.26539719	3.44633264	2.89274736	3.08314895	3.1953659	3.15088295
4.45373879	4.46180345	4.24190784	4.64877219	4.51577931	4.48008851
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.9480673	1.57662021	1.40283744	1.57364172	1.45782379	1.87793183
3.20469842	3.31333812	2.74533248	3.100971	2.89291632	3.29639904
4.16917961	4.2908708	4.1566342	4.30666424	4.2007821	4.53003368
2.45322828	2.93317456	1.57238317	2.70143232	2.81082936	3.36394631
2.10164238	2.39244913	2.8868685	2.68903525	2.41755601	3.18372177
1.00E-04	1.47285761	1.88904308	2.21719745	2.19709454	2.73130406
0.68367873	1.00E-04	1.74110187	0.37082421	0.81063066	0.98504875
1.00E-04	0.50028658	1.00E-04	0.61457452	1.42084903	1.41832528
2.30674584	2.23305732	1.00E-04	1.54970216	2.38503576	2.04589359
1.29141974	0.71162396	1.00E-04	0.70892528	0.58557408	1.00E-04
5.634938	5.62016725	5.41112702	5.41838851	5.16976786	5.42532578
0.51742469	1.98628642	1.00E-04	1.28769964	0.60273095	1.70407783
0.63162278	1.99151434	1.75472403	1.00E-04	0.21213772	1.41054185
1.52885517	1.50931821	2.43121217	1.61310478	2.61943951	2.18349162
2.10863268	2.01348643	1.28609943	2.81944856	2.06793496	2.22658193
1.66419755	1.58378619	1.49210505	1.7832571	2.26217744	2.87982757
1.77379098	1.81981355	1.6068095	1.69731898	1.8764368	1.91055732
0.37484237	0.90571514	1.28316224	2.06098926	1.91921498	2.23908593
2.54712142	1.65219308	3.33275487	2.49034643	2.80911624	2.9823968
2.24931602	2.61449315	1.27996271	2.00751578	2.68718897	2.80722285
2.01343772	2.58456615	2.59389752	2.67305727	2.23165769	2.68727189
1.25349919	1.78411547	1.27996271	1.00E-04	1.0066867	0.95618923
1.666498	2.28077751	1.85579326	2.60517731	2.86028656	3.08270827
2.73155996	3.35598333	2.51884855	2.76763325	2.98038788	3.0752782
1.31390173	0.48013639	1.00E-04	1.88511414	1.96981927	1.12196759
4.31972321	4.21316586	4.35722781	3.92860557	3.69937921	4.14801542
2.88138579	2.98318684	3.31419317	2.88052412	3.19106995	3.22695431
2.56041323	3.16807867	3.24301656	2.8889197	3.50528062	3.60949742
3.44182135	3.31071833	1.30986649	3.70724709	3.10895922	2.92628076
0.88240073	2.05753269	2.78412746	2.12486459	2.779028	2.64360051
2.11182324	2.9444289	1.78117254	2.35573253	2.16501146	2.40554203
3.57958267	3.10491213	2.80483463	3.08126459	3.08334044	3.55293458
3.05650341	2.57723795	3.1829955	2.95080233	3.00232324	3.01894777
1.88672216	1.57362003	1.30986649	1.75542723	1.44677323	1.95853124
2.35652845	1.91999457	2.16618058	2.29051522	2.30644401	2.316295

2.67906274	2.2488962	2.56977955	2.64490584	2.81632683	2.70716116
1.8657406	1.54190367	1.00E-04	1.60974221	1.45844355	2.66879193
1.63255554	1.01652947	1.00E-04	0.75516634	1.00E-04	1.01167776
2.9427555	2.90906473	3.33583328	2.74237324	2.66985339	3.50789473
2.62465463	2.54503639	3.11778754	3.06018474	3.06322199	3.55099052
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3.29392197	2.69775628	3.07098728	3.00744882	2.7279935	3.25775104
2.82727736	2.33667054	2.97473172	2.4872949	2.2512076	2.95903086
1.68583561	1.80290868	2.90794509	1.14957156	1.65980546	1.66797047
2.87231334	2.69052632	2.82115326	3.26491436	3.00795792	3.29647439
1.87533122	2.15342157	2.24326131	2.59059896	2.9156486	2.18800125
2.5420558	2.50868146	4.05825671	3.64688675	3.34814979	3.50880431
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.46253117	1.00E-04
3.30192354	2.80035068	1.00E-04	1.19177313	2.708535	2.06285294
4.11983263	3.98014103	4.51421738	4.64450775	4.31322103	4.46745715
3.0378396	4.01424313	3.14621125	3.78067277	4.1334593	4.02073085
2.79502645	2.99955646	2.54013789	2.07552663	2.80630324	3.01497412
3.29136508	3.46657059	1.30986649	2.87124878	3.0269297	2.90967749
1.96613396	0.70462987	2.33108117	1.29721789	1.74819113	1.72663136
0.43421155	1.24147818	1.00E-04	1.00E-04	0.95516654	1.00E-04
1.3292831	1.33485897	2.52228149	2.35541156	1.72039754	2.12928522
0.27874649	1.00E-04	1.00E-04	1.00E-04	0.62998669	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.71490695	0.56508007	1.00E-04
3.29806157	2.33979515	2.36621062	2.50752391	2.65050931	3.333077
2.93619647	3.44089082	3.81826506	4.65361189	4.05542971	4.12853518
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.10440683	1.01842649
1.640544	0.84355469	1.28609943	0.69313868	0.97146375	1.37321111
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0.58683111	1.00E-04	1.11518827	1.50873749	0.12723689	1.00E-04
5.33337887	5.11332443	4.97235069	5.57334045	5.08239397	5.39975532
1.7611978	2.08501843	2.13466414	1.66033474	1.50723027	1.81884025
3.11865431	3.19585235	2.07455284	2.91445223	3.09706777	3.79790529
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0.37115407	1.3394456	1.00E-04	0.86391047	1.11078098	0.7568856
1.85342135	1.92410344	3.27670076	2.61332073	1.67583451	2.87983359
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.82605812	0.47910281
1.79963646	1.04200501	1.6068095	1.9162261	1.72761325	1.38284297
2.71657051	3.07223761	2.5539294	2.79108807	3.32552452	2.69808137
3.18293121	3.05329848	3.25487765	2.69862912	3.81850841	3.95850121

3.97416414	4.20780661	3.8279674	3.24593398	3.92492968	3.94429219
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2.25504942	1.31903181	2.87816396	2.58538898	2.4876078	2.24268347
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4.34808352	4.1104312	4.62173704	4.52014099	4.38462145	4.9417408
3.24437278	3.26407193	3.7293225	4.0116318	3.86387597	3.94104131
2.15326783	2.24259192	2.06021552	2.60057857	2.30009531	2.07625834
1.94878079	1.64258408	2.31349279	1.9495789	2.0676634	2.02696214
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1.36868479	1.21937076	1.27996271	1.85292599	2.05920174	0.62343015
2.92502313	2.46439212	3.43824415	2.93289557	2.13449286	2.97983268
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1.22946653	1.91673749	1.00E-04	1.00E-04	0.29028813	1.17135339
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.08158092	1.00E-04
0.35507067	0.79989792	1.11518827	1.00E-04	1.00E-04	1.00E-04
1.33668467	2.11578123	1.01811585	1.73458746	1.94514148	2.14811972
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1.00E-04	1.00E-04	1.00E-04	0.76353732	1.00E-04	1.00E-04
2.02994561	1.9782188	1.00E-04	0.81161137	1.44595791	1.00E-04
1.88865621	2.24626664	2.5194516	2.8995872	2.77401586	2.43182355
2.06437867	2.05139508	1.00E-04	0.28453275	0.76119895	1.00E-04
2.13962623	2.0086044	1.8503227	2.30377861	2.042573	2.69082576
0.88136991	0.69748929	2.0270781	2.31503404	2.08106457	2.11123029
3.01064654	3.11350104	3.10098067	3.1656481	3.21377433	3.2534248
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1.95057988	1.96799476	2.00743688	2.14144078	2.45227373	2.78068214
0.09415495	0.62690381	1.42763756	0.66130263	1.58735695	1.55299886
1.00E-04	1.10578552	1.00E-04	1.02046734	2.17882645	0.87447279
2.05225	0.93499651	1.9503961	2.10877884	1.41091237	1.59192487
0.93265179	1.40750441	1.00E-04	0.62193118	0.97507733	1.14291286
1.23693031	0.21289605	2.05708387	2.46850623	3.57105646	3.47349603
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2.5275525	2.53042286	1.01811585	2.13811079	2.73878703	2.14212649
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1.94525467	1.49574707	2.3824664	1.81628645	2.2124486	2.50976437
1.57938699	1.79133789	1.38754516	1.388412	2.33923519	1.96798155
1.71784641	2.32557104	1.84117224	1.90376265	2.33625513	1.99838867

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3.41003782	3.35032014	2.46099858	2.53224382	2.17009004	2.97081829
1.16479632	1.01880553	5.97083905	5.86709274	5.75283852	5.85126375
3.34029473	3.75976372	2.73204739	2.24757166	3.08999915	3.07592734
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1.67344525	1.67563135	1.52319676	1.53121798	1.49717891	1.43113625
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1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.21911936	1.69638734
1.17656942	1.26889688	4.60898326	4.47124277	4.00390537	4.04213522
0.54572308	0.63913365	1.00E-04	1.00E-04	1.00E-04	1.14312291
1.7450013	2.24945204	3.32458851	2.76596187	2.78184188	2.63172259
1.74470882	2.53103442	1.00E-04	1.00E-04	0.4783264	1.36424682
0.76232783	1.49137614	2.81239203	1.71476261	1.3231266	1.44751144
2.78059624	2.76418959	2.9056183	1.57200452	2.40104871	2.36359023
1.32755243	2.03847245	1.00E-04	2.32099423	1.56707804	2.1105405
0.1163586	2.18589588	1.00E-04	1.00E-04	1.44025978	0.30661977
1.34072098	0.89858934	2.48892898	1.82227234	2.33958351	2.57281418
2.55778444	2.47599617	2.72597073	2.23802758	1.61617482	2.64547571
2.21605688	2.10779099	1.00E-04	1.34030437	0.45268939	1.36846672
1.98021589	2.18453199	1.28316224	1.29583542	1.72535356	2.74123833
0.44102711	1.15704024	1.01811585	1.00E-04	1.56449985	1.54306237
0.55840391	0.44867039	1.00E-04	1.13997292	1.66876435	1.19161525
2.20589509	2.39294184	1.30789632	2.53327822	2.23439132	1.37323946
1.00E-04	0.58812963	1.00E-04	1.32735174	0.62457489	1.00E-04
2.30090223	2.9759692	1.6068095	1.63987377	2.09802437	2.635424
2.27891151	1.88963764	1.11518827	1.87909329	2.95515935	1.82776118
3.21736817	3.1948753	3.54423447	3.05441173	3.32118363	3.75519917
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	0.91983095	2.75474749	2.11401825	3.19200088	2.60416916
3.40873895	3.66637931	3.09826339	2.88832443	3.56217708	2.8402862
2.16056617	2.18068097	1.83973834	2.62062278	2.75666244	2.5139746
3.1489044	3.21257949	3.21110896	3.33358931	3.46755275	3.52003219
2.66232636	3.25777291	2.23910215	3.31397006	3.24643958	3.25931928
3.12279581	3.39288444	2.45787103	2.90754673	3.03415011	3.59371617
3.89873276	3.78923412	3.50844821	4.33753538	4.29527432	4.27161217
1.8877651	1.79407141	1.00E-04	1.70142083	2.13426467	1.38230206
1.93008038	3.06964523	3.38078188	3.37291008	3.31828654	3.37156637
0.55896898	1.87273959	1.00E-04	1.00E-04	1.89717551	0.96117293
2.12766054	2.21412864	1.92782151	2.39201164	2.48066632	2.9045822
1.33043903	1.17838819	1.00E-04	1.73213849	1.66999227	1.78088689

1.02588591	1.00E-04	1.40283744	1.00E-04	0.67597011	1.00E-04
1.57910826	1.08688437	2.45796032	1.65550304	1.92128685	2.9226896
1.91158216	2.91652581	3.24104283	2.520955	2.88235577	3.21922463
0.91591274	2.39007179	1.00E-04	0.41438246	1.53189542	1.97817995
1.68076874	1.91296944	1.11518827	1.51599414	2.50651799	2.62051784
2.05392807	2.53318953	2.67486612	1.47694327	2.67203028	2.4186358
2.02070009	1.13066746	1.00E-04	1.29195576	1.37753994	1.19329396
1.88463709	1.7466487	1.11518827	2.48160572	2.66907248	3.37545086
1.29783659	1.60269919	1.30789632	1.00E-04	1.8626619	1.23391586
0.97924452	2.15105656	3.49219104	0.73342256	2.17398964	2.53301433
2.67931275	2.71225107	1.28316224	2.64912633	2.12556252	2.81216667
3.95804482	4.13917297	4.44763969	4.04034284	3.90375381	4.19718247
3.03467365	2.96224268	2.945928	1.68986381	3.40555536	3.10478971
1.61607791	1.51510476	1.00E-04	1.08261014	1.54534947	0.85340175
2.77196366	3.18725843	3.25036511	2.3672838	2.27358927	2.67926253
2.79921917	3.11011295	3.07127195	2.71108656	3.18419266	2.4846287
2.0303669	1.57308619	1.00E-04	1.27997864	1.15924992	1.7304487
1.74983324	2.41249554	2.33534776	2.15349561	2.21411125	2.4523225
1.00E-04	0.45118201	1.11518827	1.87978481	1.5753022	1.58300555
2.10844786	2.87950832	3.19037176	3.05044163	2.93498816	3.72366911
1.61424967	1.88085061	1.00E-04	0.87693458	0.97253285	1.36301431
1.93961277	2.32982474	4.2758749	4.46880847	4.25301699	4.70863564
6.22884987	6.1853172	5.93680441	6.23428556	6.357916	6.46193077
1.39127677	0.46921448	1.6068095	1.87447542	1.78507748	1.73188038
2.91561582	3.09188512	3.10058189	3.5728774	3.29524178	3.5635304
1.00E-04	1.00E-04	1.90370108	1.90036866	1.75013685	1.0243212
1.55641149	2.49038453	1.00E-04	2.86986961	2.28848635	3.05768221
5.08596004	5.01440933	4.89343876	4.46075948	4.61358472	4.418407
0.69016855	2.02666775	1.00E-04	0.54842099	1.76282622	2.25009918
0.69167046	1.56789378	1.91351535	1.0934806	2.13006511	1.96208948
1.97920965	1.44437919	1.84324908	2.01860747	1.80354973	2.71443547
2.82565645	2.84271483	2.71840969	2.30029572	2.94955189	2.54013408
2.3923303	2.68336712	2.09376156	2.91207058	2.3492711	2.80116461
2.73236258	2.55579484	2.44570454	2.49442771	2.56568469	2.81297444
1.39692805	1.95935461	1.87145018	1.92707686	2.3908259	2.4011944
2.26344019	1.941543	1.74894376	2.50095609	2.90532299	2.62479218
2.10424587	1.44638688	1.00E-04	2.18005795	1.50597709	1.7580896
1.78212574	1.50239098	1.52319676	2.36581599	2.74032371	2.0602045
0.84906275	1.30859688	1.00E-04	0.39596165	0.32174827	1.23382475
5.39318677	5.31178096	5.48770185	5.44262667	4.93827672	5.41288145
2.97217518	3.13412982	2.23274937	2.46351464	2.72570398	2.86323861
0.96959408	2.44232748	2.2397961	1.97286883	1.52972874	2.61168911
5.50689868	5.35349471	5.18740757	5.38399867	5.35704436	5.19136094

1.73843773	2.22890514	2.95483139	1.11527172	1.81523938	1.65272726
3.00198265	3.09142082	2.99726321	2.78211779	2.90366455	3.10163066
4.78592542	4.7349835	3.2226063	3.94092256	4.23649881	4.35825383
1.96896151	2.07684712	2.44835807	2.20777	2.58422974	2.12493546
4.46241585	4.48992655	4.72474105	4.48157037	4.60156409	4.35954035
3.75253291	3.71890642	3.32440027	3.61599361	3.29159201	3.63804598
1.00E-04	0.53731025	1.84272348	1.74729844	1.17314853	2.03439745
0.62872675	1.37881958	2.93899852	2.86814187	1.74539883	1.85875721
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.52556611	1.19044484
2.60700247	3.5151866	2.82962355	2.85039066	2.83951373	3.42149478
2.43431275	3.13962441	3.10469178	2.55149701	2.87797262	2.32722048
1.24153812	1.84660423	1.00E-04	1.62181953	1.64195618	1.67735721
2.13344057	2.61403463	2.95147224	2.50418156	2.6607733	1.97811327
1.96088798	1.7394738	2.08611893	2.38974213	2.04785679	3.01660796
1.76978853	2.25581405	1.00E-04	1.41770502	0.66948023	1.32754423
2.58301324	2.93405833	2.5194516	2.6823415	2.65332312	2.68136107
2.60011736	2.47625396	2.38937143	1.80971878	2.99790636	2.7012329
1.4492321	1.00269796	1.00E-04	1.78024583	1.59868245	1.72268904
2.57420653	3.42698005	2.64861999	2.63692771	2.40814021	3.06855644
0.52058037	0.41929553	1.00E-04	1.00E-04	0.69558204	1.66700981
3.04422441	3.54733688	1.00E-04	1.00E-04	0.55632674	1.00E-04
2.4082615	2.3687086	2.52237558	2.16391878	2.2645808	2.49537888
2.08795785	1.34428154	1.74110187	1.87404703	2.04284784	2.36984308
1.87470322	2.46208128	2.63355518	2.31387726	2.31790801	2.83600417
1.55546485	1.80344338	1.00E-04	1.0943229	1.37154344	2.10762286
1.49841137	1.20833661	2.04595548	1.45279909	1.70629995	2.18722765
3.61965253	3.49523084	2.85459936	3.13399643	3.42171233	3.18684622
1.38421733	1.6298076	2.04817879	2.09284955	1.15063695	1.85876704
1.17559128	0.31765625	3.39513521	1.83522266	2.19558093	2.76377324
2.25945364	1.94475694	2.39956183	1.05195731	1.90702254	2.14186197
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1.19668359	0.63913365	1.00E-04	0.56029689	1.13918012	0.16565788
0.09292159	1.57708369	1.00E-04	0.86014803	0.8622029	0.54082099
3.33091547	2.880226	5.8590336	6.28664015	6.20195468	6.15535254
4.24562754	4.51275333	3.60138222	3.37178993	4.39671065	4.31427765
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2.83677541	1.77768426	2.16483827	2.50578811	1.80993901	2.18251292
1.49422226	1.53766585	1.84440302	2.46996957	2.08488612	2.73616203
3.86636148	3.88552156	3.41168103	4.44152009	4.41832991	4.16888293
0.96602735	1.87069681	2.68836874	2.03635922	1.87249832	2.50388595
0.57026941	1.10520281	1.00E-04	0.90527683	1.44573393	1.29225257
0.66942766	1.23588784	1.62929637	1.32791628	1.37580306	1.54466389
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1.00E-04	1.00E-04	1.00E-04	1.38526422	0.83189259	1.00E-04
1.51739497	1.26445305	1.00E-04	0.92561185	1.24494694	1.59064259
1.00E-04	1.71560946	1.00E-04	1.00E-04	1.08490287	0.96587894
4.01638805	4.2220562	3.98751186	3.95093552	3.94780476	4.05725044
3.25077826	3.22463028	2.04595548	1.72416743	1.53121073	2.5045958
2.60115254	2.90450197	3.57695889	2.30173854	3.25666426	3.25219701
4.20421894	3.89566273	2.95502147	3.5551011	3.33038317	3.88218579
1.59880091	1.12582443	3.03178595	2.01639901	2.43754711	1.84278445
2.25400909	1.92622185	1.68391787	2.45003659	2.37719241	1.42520804
2.89037099	3.0697745	3.18788213	3.34094804	3.05171667	3.24013036
2.61540675	1.32022815	1.52319676	1.39185685	0.96046393	1.44581858
1.00E-04	0.30163127	1.30986649	0.37771766	1.58530202	2.11896982
0.78860226	1.26293925	1.00E-04	0.91591376	0.1324183	0.41953258
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.22432664	2.639788	2.46099858	1.70821636	1.63997033	2.23776852
2.48713256	2.79236933	2.39116928	2.55537126	2.81895924	3.24997562
2.79271209	2.05324738	3.21361469	1.74993953	2.01279297	2.02656597
2.57266653	3.08449553	2.57435566	2.48477572	2.95631753	2.79598483
0.7463493	0.6641313	1.7310621	0.7349394	0.72288586	1.26015949
1.88457648	1.30315225	2.37366532	2.05383307	0.90166461	1.61494194
2.97084136	2.82655163	4.40929651	4.04992853	4.35642392	3.82722363
0.45216556	1.00E-04	1.28609943	1.00903894	1.00E-04	1.00E-04
2.64926392	3.14774958	3.57437076	3.1341851	3.64017765	3.84011137
2.8445687	2.17995566	1.00E-04	1.83113043	1.30081281	1.6659876
2.84673708	3.01163367	3.74885553	2.89848523	3.10949505	3.5404746
2.2474213	2.69318704	1.00E-04	2.3953003	2.72663911	2.39207644
0.59769437	0.44747489	1.00E-04	2.11804375	1.77718495	2.16255835
2.01439483	1.7045044	2.18505109	2.20260292	2.34334903	2.49768072
2.42556786	2.55895353	2.18505109	2.15638601	2.09411703	1.71391603
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
4.49729921	4.3526617	3.53631927	3.71133871	3.53269011	3.90455441
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.19641509
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.47957636	1.00E-04
2.16859945	2.15880239	1.40283744	1.75372247	1.3145381	1.68687597
1.00E-04	0.55653387	1.00E-04	1.51118668	0.92767668	0.68427479
3.16649202	3.47785646	3.91087886	3.22227867	3.34031091	3.4352444
2.56069563	2.64089718	4.53184372	3.83531807	4.35905519	4.22303583
1.04157799	1.00E-04	1.00E-04	0.97676249	0.62832439	1.48911186
4.53632646	4.85589143	1.75472403	0.97681656	1.15457005	0.47553614
0.82037998	1.27457837	1.51203435	1.12142515	1.67427383	1.68262706
2.98563986	3.48996887	2.11206509	2.3519786	2.8696636	3.19491213
2.24095828	2.01352467	1.00E-04	1.05859658	1.00E-04	0.13038568
1.00E-04	1.00E-04	1.00E-04	0.61072705	1.36149281	0.40555046

2.15520582	2.8032268	2.35586909	2.24409038	2.53723393	3.05513323
0.45044286	0.84476625	1.00E-04	0.46633175	1.00E-04	1.17250178
1.50612546	2.24830318	3.25865128	1.59679718	2.48904064	2.27122077
2.98816636	3.06255511	1.38754516	2.40499967	2.43166351	2.6486583
3.60218848	2.70813739	3.37176525	2.91018694	2.87390837	3.34790826
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.97449392	2.80473292	3.36115768	2.48107616	2.60357074	2.98578242
1.74568572	0.93046733	2.38790537	2.12328382	2.02837872	1.9515752
1.00E-04	1.45029707	1.00E-04	1.00E-04	0.75369341	0.60203679
0.92711029	1.25457298	1.00E-04	1.30824986	0.4338843	1.00E-04
1.00E-04	1.00E-04	1.00E-04	0.87710705	0.13235227	0.81625573
3.18608613	3.46048323	2.19058385	2.14957253	2.52284568	3.24598102
2.43213867	1.84353246	1.9503961	2.43200347	2.53974295	3.10421197
1.29347219	1.34634553	1.01811585	1.46351196	1.93546361	2.44538938
0.55703647	1.00E-04	1.00E-04	1.00E-04	1.62873098	0.826154
0.89626711	1.12415525	1.00E-04	2.00074743	1.76209009	0.75846587
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.88886241	0.40555046
1.22513705	0.65947666	1.46133917	2.28372221	1.78946481	0.96311551
2.40408773	2.75803251	2.69189721	3.42539177	3.04304854	3.46056805
3.90837918	3.89099441	4.25944157	5.15595093	4.377096	4.42565676
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1.89170814	1.5205059	1.40283744	1.09857941	2.31626385	2.1337138
2.18574252	2.27038015	1.38754516	0.83225817	1.61044306	1.71127218
3.84692337	4.24568123	4.43371697	4.27254434	4.17811153	4.50910048
3.52367908	3.53396585	3.21229476	2.57341179	3.60235812	3.28763957
2.59468869	2.65408054	1.00E-04	1.90752446	2.80717996	2.96039364
4.11543695	3.98747427	5.45760234	5.67443632	5.89424481	5.88276149
4.96269053	4.84335524	3.97894018	4.48475374	4.24286196	4.59563336
2.40580623	2.44496187	2.5070438	3.24534358	2.80244549	2.97753297
1.00E-04	0.76935954	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
0.82550641	0.59374324	1.00E-04	0.43961201	1.00890273	1.117172
1.63007326	0.41929553	1.00E-04	1.86819477	1.27346057	0.28509766
1.00E-04	0.4932192	1.00E-04	1.00E-04	0.34578266	1.00E-04
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
2.94260038	2.80575436	1.91285577	2.35621115	3.18442769	3.31454566
4.80516832	4.67875399	5.03826701	5.44973705	5.20473213	5.21013006
4.54017828	4.45433184	4.18455517	3.18760401	3.79136108	4.47809829
3.7366764	4.16656913	3.26794071	4.57126671	4.58277558	4.23064663
3.87142405	3.62194798	2.84865798	3.42624001	3.24349004	3.6027873
0.15907666	1.29397717	1.00E-04	1.05656623	1.70286174	0.77075741
0.66598136	1.03237685	1.38754516	1.77079546	1.52348391	2.37699038
1.39407625	1.52284359	1.00E-04	1.00E-04	1.44246566	0.72794714

3.14059345	3.45962508	3.63873629	4.05023932	4.16713488	4.60346113
1.25132562	1.4152081	2.66076117	1.72991301	1.70167273	2.67008673
0.77467472	0.61145469	1.6068095	0.75770977	1.68984831	0.6690789
2.07215645	2.26329653	2.99322036	2.24446437	2.54214394	2.87285352
1.00E-04	1.62831603	1.00E-04	1.61552486	1.19419318	0.64152968
1.00E-04	1.00E-04	1.28609943	0.90702436	1.27925232	1.06766216
2.95367538	3.15407364	2.78999683	2.74297473	2.98264253	2.28061213
2.75760422	3.01644601	1.96740946	2.13543265	2.61793745	3.03730198
2.62684203	2.04634838	2.04595548	1.8316	2.16639275	1.60069302
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1.18753615	0.72677262	1.00E-04	0.66641237	0.64629463	0.91458387
2.37167784	1.75018066	3.03287938	1.74420018	2.23821947	3.17014671
1.00E-04	1.00E-04	1.00E-04	1.00E-04	0.33004234	1.00E-04
1.55547193	1.56305635	3.48615755	1.82962567	1.29029279	2.49861345
2.07232564	1.98452444	2.96706069	2.08958148	2.16956802	2.70517311
1.02232837	0.923438	1.80495607	1.34387094	0.22206006	0.70276013
1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04	1.00E-04
1.42005215	1.6652264	2.03123029	0.84780983	1.57049664	1.75548289
5.03609522	4.82236508	5.13908814	5.90084557	5.79848364	4.78763575
3.12796237	3.13265549	4.15904117	3.87275623	4.47747964	4.17112038
5.25644495	5.25047268	5.51044144	6.07701685	5.5710701	5.39532467
3.97362428	3.86158905	3.23145368	3.1913816	3.86251465	3.8087883
3.59347207	4.08955799	3.21765728	4.10172062	4.66478166	5.13231162
2.4933652	2.14581881	1.00E-04	2.69888346	2.59416292	3.04877982
3.34132792	3.37136583	2.34958005	3.27580583	3.00025944	3.13723477
2.22191596	2.70479767	3.19232205	2.94846762	2.41434398	2.5613282
2.07436859	1.8903888	2.19058385	1.96401071	1.9950099	2.08607766
1.05931425	1.08424027	1.00E-04	1.00E-04	0.92801748	1.44951794
1.99393073	1.936088	1.00E-04	1.54863096	0.67251957	0.30913278
3.64374398	3.72004033	4.29430006	3.7837288	3.7619348	4.15536308
1.78017173	1.73900418	1.00E-04	2.11271728	1.97796887	1.17695313
2.86352219	3.33055527	4.24769071	3.88511828	4.12678611	4.06382391
3.32050523	3.28164204	3.689593	3.54689494	3.62683711	3.5445849
5.01324385	4.93417449	4.7135031	5.05170075	4.85097933	4.85702581
5.10731362	5.23535044	5.05056222	4.83052053	4.9658766	5.16407878